

CYCLONE – a utility for *de novo* sequencing of microbial cyclic peptides

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TOC

ASSOCIATED CONTENT

Table S1: Building block database

Acetyl-(C2H2O)	42.010016
Eta---(C2H7NO)	43.04219884
Gly---(C2H5NO2)	57.0214634
Pyr---(C4H7NO)	67.04219884
dh-Ala---(C3H5NO2)	69.0214634
Pya---(C3H4O3)	70.00547898
C4:0---(C4H8O2)	70.04186448
Put---(C4H12N2)	70.08948338
Ala---(C3H7NO2)	71.03711346
Lac---(C3H6O3)	72.02112904
Serol---(C3H9NO2)	73.05276352
Dh-Thr/dhAbu/HseL/NMe-Dha/OH-Pyr---(C4H7NO2)	83.03711346
C4:1(3)-OH(2)---(C4H6O3)	84.02112904
C4:0-Me(2)---(C5H10O2)	84.05751454
aFo-Gly---(C3H5NO3)	85.01637802
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)	85.05276352
XXX01---(C5H13NO)	85.08914902
Ivalol/Valol---(C5H13NO)	85.08914902
C4:0-OH(3)---(C4H8O3)	86.0367791
Dpr---(C3H8N2O2)	86.0480125
Ser/Iser---(C3H7NO3)	87.03202808
XXX02---(C3H7NO3)	87.03202808
C6:2(t2,t4)---(C6H8O2)	94.04186448
Me-Suc---(C5H7NO2)	95.03711346
ProC---(C5H10N2O)	96.06874794
Pro/2Dh-Mabu/norCMA---(C5H9NO2)	97.05276352
C5---()	98.0367791
Me-Vaa/C6:0---(C6H12O2)	98.0731646
NFo-Ala---(C4H7NO3)	99.03202808
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)	99.06841358
Leuol/Ileol---(C6H15NO)	99.10479908
C4:0-OH(2)-Ep(3)---(C4H6O4)	100.0160437
Hiv---(C5H10O3)	100.0524292
Dab/Dbu---(C4H10N2O2)	100.0636626
dhCys---(C3H5NO2S)	100.9935341

Thr/aThr/Hse/NMe-Ser/OH-4Abu---(C4H9NO3)	101.0476781
C4:0-OH(2,3)---(C4H8O4)	102.0316937
Cys---(C3H7NO2S)	103.0091842
Bz---(C7H6O2)	104.0262144
NMe-Gly-Thz---(C5H8N2S)	110.030254
NMe-Gln---(C6H12N2O)	110.084398
XXXO3---(C5H7NO3)	111.0320281
4oxo-Pro/pGlu---(C5H7NO3)	111.0320281
Me-Pro/CMA/Hpr---(C6H11NO2)	111.0684136
K-Leu/C6:0-Ep(2)---(C6H10O3)	112.0524292
OH-cOrn---(C5H10N2O2)	112.0636626
dehydro-Orn---(C5H10N2O)	114.078764
C7:0---(C7H14O2)	112.0888147
Azd---(C4H5NO4)	113.0112926
3OH-Pro/NFo-D-Abu---(C5H9NO3)	113.0476781
Leu/Ile/NMe-Val/t-Leu/Map/alle/D-NMe-Nva---(C6H13NO2)	113.0840636
NSPD---(C6H17N3)	113.1316825
Hap/Pda---(C5H8O4)	114.0316937
Asn/NFo-Dpr---(C4H8N2O3)	114.0429271
Hmp/4Me-D-Hva/C6:0-OH(3)---(C6H12O3)	114.0680792
Orn---(C5H12N2O2)	114.0793126
Asp/NFo-Iser---(C4H7NO4)	115.0269427
OH-Val/Me-Thr---(C5H11NO3)	115.0633282
iC5:0-OH---(C5H10O4)	116.0473438
Me-Cys---(C4H9NO2S)	117.0248342
4OH-Thr---(C4H9NO4)	117.0425928
C4:0-OH(2,3,4)---(C4H8O5)	118.0266083
Pha---(C8H8O2)	118.0418645
pOH-Bz---(C7H6O3)	120.021129
C8:3(t2,t4,t6)---(C8H10O2)	120.0575145
Hpa---(C6H5NO3)	121.016378
C8:0:1(7)/C8:2(2,t4)---(C8H12O2)	122.0731646
4oxo-5Me-Pro/4oxo-Hpr/NFo-Pro---(C6H9NO3)	125.0476781
C8:0/iC8:0---(C8H16O2)	126.1044647
bU-dAla---(C4H7N3O3)	127.0381761
Nfo-Val/Ac-Aib/3OH-5Me-Pro---(C6H11NO3)	127.0633282
Me-Leu/Me-Ile/Me-alle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)--- (C7H15NO2)	127.0997137
Spd---(C7H19N3)	127.1473326
Gln/Me-Asn/NAc-Dpr---(C5H10N2O3)	128.0585772
C6:0-OMe(3)/C7:0-OH(3)---(C7H14O3)	128.0837293
Lys/N-OH-Hta---(C6H14N2O2)	128.0949627
Glu/Me-Asp/Ac-Ser---(C5H9NO4)	129.0425928
Et-Thr/Aco/OH-LeuOH-NMe-Val/Ria---(C6H13NO3)	129.0789783

iC5:0-OH(2)-CA(4)---(C5H8O5)	130.0266083
OH-Asn---(C4H8N2O4)	130.0378417
gSer---(C3H8N4O3)	130.0490751
aC6:0-OH(2,3)---(C6H12O4)	130.0629938
OH-Orn/OH-bLys---(C5H12N2O3)	130.0742272
OH-Asp---(C4H7NO5)	131.0218573
Met/diMe-Cys---(C5H11NO2S)	131.0404843
Ara/Lyx---(C5H10O5)	132.0422584
D-F-ph-Gly---(C8H8FNO2)	132.0449385
Oli---(C6H14O4)	132.0786439
Ph-Gly---(C8H9NO2)	133.0527635
Pheol---(C9H13NO)	133.089149
4Cl-Thr---(C4H8ClNO3)	135.0087061
C4:0-OH(2,3)-Cl(4)---(C4H7ClO4)	135.9927217
diOH-Bz---(C7H6O4)	136.0160437
C8:0:1(7)-Me(2)/iC9:2(2,t4)---(C9H14O2)	136.0888147
His---(C6H9N3O2)	137.0589115
dPyr---(C6H8N2O3)	138.0429271
2Me-3Me-pGlu---(C7H11NO3)	139.0633282
C6:0-Me(5,5)-oxo(2)---(C8H14O3)	140.0837293
Argal---(C6H14N4O)	140.1061961
C9:0/aC9:0/iC9:0---(C9H18O2)	140.1201148
MCP---(C6H6ClNO2)	140.9981414
Ac-Ival/Ac-Val/Fo-Ile/Fo-Leu/Ibu/4oxo-Van---(C7H13NO3)	141.0789783
Dme-Leu/dMe-Ile/Ac-Leuol/dMe-alle---(C8H17NO2)	141.1153638
D-bMe-Gln---(C6H12N2O3)	142.0742272
C8:0-OH(3)/C6:0-Me(2,2)-OH(3)/C7:0-Me(2)-OH(3)---(C8H16O3)	142.0993793
Me-Glu/Aad---(C6H11NO4)	143.0582428
Act/Ere/Nst/Van/Me-OH-Ile---(C7H15NO3)	143.0946283
OH-Gln/Me-OH-Asn---(C5H10N2O4)	144.0534918
OMe-Asp---(C5H9NO5)	145.0375074
C6:0-OH(3,5)-NH2(4)---(C6H13NO4)	145.0738929
Rha---(C6H12O5)	146.0579085
O-Met---(C5H11NO3S)	147.0353989
Cl-Ile---(C6H12ClNO2)	147.0450916
Phe/NMe-Ph-Gly---(C9H11NO2)	147.0684136
Hpoe---(C8H6O4)	148.0160437
Ph-Lac/OH-Ph-PropA---(C9H10O3)	148.0524292
Hpg---(C8H9NO3)	149.0476781
iC10:2(2,t4)---(C10H16O2)	150.1044647
CysA---(C3H7NO5S)	150.993928
C8:0:1(7)-Me(2)-NH2(3)---(C9H15NO2)	151.0997137
C8:0:1(7)-Me(2)-OH(3)---(C9H14O3)	152.0837293
C9:1(8)-Me(2)---(C10H18O2)	152.1201148

OH-His---(C6H9N3O3)	153.0538262
NMe-hv-Val---(C9H17NO2)	153.1153638
Ala-Thz---(C6H8N2O2S)	154.0200832
XXX04---(C6H12N4O2)	154.0854606
Cap/End---(C6H12N4O2)	154.0854606
C10:0---(C10H20O2)	154.1357648
Ddap/NAc-Leu---(C8H15NO3)	155.0946283
Me-AOA---(C9H19NO2)	155.1310138
N-Ac-Lxx---(C8H13NO2)	155.09408
COOH-Qui---(C9H6N2O2)	156.0323624
NFo-Gln---(C6H10N2O4)	156.0534918
Hip---(C8H14O4)	156.0786439
3Me-4Me-Gln---(C7H14N2O3)	156.0898773
Arg---(C6H14N4O2)	156.1011107
C9---(C9H16O2)	156.114481
C9:0-OH(3)/C8:0-Me(4)-OH(3)---(C9H18O3)	156.1150294
NtMe-Leu---(C9H20NO2)	156.1388389
Cit---(C6H13N3O3)	157.0851263
Ist/Sta---(C8H17NO3)	157.1102784
Fo-OH-Orn---(C6H12N2O4)	158.0691419
Ahad---(C6H11NO5)	159.0531574
NMe-dPhe---(C10H11NO2)	159.0684136
2OMe-Rha---(C7H14O5)	160.0735585
Me-Phe/Hph---(C10H13NO2)	161.0840636
Hexose---(C6H12O6)	162.0528231
OH-Phe---()	162.0555032
OH-dHpg---(C8H7NO4)	163.0269427
O2-Met---(C5H11NO4S)	163.0303135
PT---(C5H12NO4P)	163.0398294
Tyr/Ph-Ser/NMe-Hpg---(C9H11NO3)	163.0633282
4OH-D-Ph-Lac---(C9H10O4)	164.0473438
PALOA---(C8H10N2O3)	164.0585772
Cl2-Pro---(C5H7Cl2NO2)	164.9748195
Dhpg---(C8H9NO4)	165.0425928
ck-Arg---(C7H12N4O2)	166.0854606
C8:0:1(7)-Me(2,2)-OH(3)---(C10H16O3)	166.0993793
Choi---(C9H15NO3)	167.0946283
3d-NMe-Bmt---(C10H19NO2)	167.1310138
OMe-bAla-Thz---(C7H10N2O2S)	168.0357333
C8:1(7)-Me(2,2)-OH(3)---(C10H18O3)	168.1150294
C11:0---(C11H22O2)	168.1514149
Bmt/Dap---(C9H17NO3)	169.1102784
GSpd---(C8H21N5)	169.1691307
5OH-Cap---(C6H12N4O3)	170.0803753

Hysp---(C9H16O4)	170.094294
Har---(C7H16N4O2)	170.1167608
C10:0-OH(3)/C9:0-Me(2)-OH(3)/C8:0-Me(2,2)-OH(3)---(C10H20O3)	170.1306795
NOMe-Ac-Val---(C8H15NO4)	171.0895429
Ddil/aC9:0-OH(2)-NH2(3)---(C9H19NO3)	171.1259284
Ac-OH-Orn---(C7H14N2O4)	172.0847919
Trpol---(C11H14N2O)	172.1000481
MdCP---(C6H5Cl2NO2)	174.9591694
bbMe2-O-Met---(C7H15NO3S)	175.066699
Apv/Ph-Pr-Ala---(C11H15NO2)	175.0997137
D-l-NMe-Tyr---(C10H12INO3)	176.0711532
Hty/OH-Me-Phe/Me-Tyr---(C10H13NO3)	177.0789783
PAOA---(C9H12N2O3)	178.0742272
C10:0:1(9)-Me(2,4)/iC12:2(2,t4)---(C12H20O2)	178.1357648
OH-Tyr/diOH-Phe---(C9H11NO4)	179.0582428
Pro-Thz---(C8H10N2O2S)	180.0357333
C12:1(5)---(C12H22O2)	180.1514149
Aca---(C9H13NO4)	181.0738929
D-Har---(C7H12N4O3)	182.0803753
v-Arg---(C8H16N4O2)	182.1167608
C12:0---(C12H24O2)	182.167065
Cl-Hpg---(C8H8ClNO3)	183.0087061
MeBmt---(C10H17NO2)	183.12538
me-Bmt/C10:0-NH2(2)-oxo(8)---(C10H19NO3)	183.1259284
dh-Trp---(C11H10N2O2)	184.0636626
U4oxo-Van---(C8H14N2O4)	184.0847919
k-Arg---(C7H14N4O3)	184.0960253
C11:0-OH/C10:0-Me-OH---(C11H22O3)	184.1463295
Dpy---(C12H13NO2)	185.0840636
Dil/C10:0-OH-NH2---(C10H21NO3)	185.1415785
Doe---(C11H12N2S)	186.0615541
Trp---(C11H12N2O2)	186.0793126
hk-Arg---(C7H16N4O3)	186.1116754
dv-Tyr---(C11H11NO3)	187.0633282
diOH-Arg---(C6H14N4O4)	188.0909399
V-Tyr/Ac-Phe---(C11H13NO3)	189.0789783
Kyn---(C10H12N2O3)	190.0742272
CFA---(C12H16O3)	190.0993793
Me-MeA-Phe/diMe-TyrC---(C11H16N2O2)	190.1106127
Ahv/Me-Hty/e-Tyr/NMe-OMe-Tyr---(C11H15NO3)	191.0946283
aC13:2(2,t4)---(C13H22O2)	192.1514149
Cl2-NMe-dhLeu---(C7H11Cl2NO2)	193.0061196
bOMe-Tyr---(C10H13NO4)	193.0738929
OSu-Hmp---(C6H12O6S)	194.0248938

MeOx-Ile---(C11H20N2O2)	194.1419129
aC13:1(3)---(C13H24O2)	194.167065
Cl2-NMe-Leu---(C7H13Cl2NO2)	195.0217696
C12:1(5)-OH(3)/C10:0-Me(2,4)-oxo(9)/C9:1(4)-Me(2,4,6)-OH(8)--- (C12H22O3)	196.1463295
aC13:0---(C13H26O2)	196.182715
Cl-Tyr---(C9H10ClNO3)	197.0243562
C10:0-NH2(2)-Ep(9)-oxo(8)---(C10H17NO4)	197.105193
Me2-Bmt---(C11H21NO3)	197.1415785
C12:0-OH/C11:0-Me-OH---(C12H24O3)	198.1619796
C10:0-OH(9)-NH2(2)-oxo(8)---(C10H19NO4)	199.1208431
NAC-Fo-OH-Orn---(C8H14N2O5)	200.0797065
1Me-Trp---(C12H14N2O2)	200.0949627
XXX05---()	201.1364931
OH-Trp---(C11H12N2O3)	202.0742272
NMe-Me2A-Phe---(C12H18N2O2)	204.1262628
v-OH-Tyr---(C11H13NO4)	205.0738929
Amv---(C12H17NO3)	205.1102784
NMe-Lan---(C6H12N2O5S)	206.0361272
3NO2-Tyr---(C9H10N2O5)	208.0484064
C14:1---(C14H26O2)	208.182715
OH-OHPh-Thr---()	209.0688075
D-PO-Asn---(C4H9N2O7P)	210.0041721
PMST---(C9H12N2O3S)	210.0462979
C9:1(Me4)-Me(2,4,6)-OH(8)-Oxo(5)---(C12H20O4)	210.1255941
C14:0---(C14H28O2)	210.1983651
Cl-NMe-Tyr---(C10H12ClNO3)	211.0400062
C13:0-NH2---(C13H27NO2)	211.1936141
C13:0-OH---(C13H26O3)	212.1776296
bOH-Cl-Tyr---(C9H10ClNO4)	213.0192708
Ahp---(C9H16N2O5)	214.0953566
Me-OH-Trp/OMe-Trp---(C12H14N2O3)	216.0898773
Daz---(C9H18N2O5)	216.1110067
Agdha---(C8H18N4O4)	216.1222401
Cl2-Hpg---(C8H7Cl2NO3)	216.9697341
DMOG---(C11H11NO5)	219.0531574
NOMe-Ac-D-Phe---(C12H15NO4)	219.0895429
D-Cl-Trp---(C11H11ClN2O2)	220.0403406
DHPT---(C10H9NO4S)	221.0146635
aC15:1(3)---(C15H28O2)	222.1983651
aC11:2(4,6)-Me(2,6)-OH(2,3)/C13:2(t4,t6)-OH(2,3)---(C13H22O4)	224.1412441
aC15:0---(C15H30O2)	224.2140151
Br-Phe---(C9H10BrNO2)	224.9789246
C14:0-NH2(3)---(C14H29NO2)	225.2092641

C14:0-OH(3)---(C14H28O3)	226.1932797
Cl3-NMe-dhLeu---(C7H10Cl3NO2)	226.9671476
Ac-Trp---(C13H14N2O3)	228.0898773
bbMe-NMe-Trp---(C14H18N2O2)	228.1262628
C10:0-Me(2,2,4)-OH(3,7)---(C13H26O4)	228.1725443
Cl3-NMe-Leu---(C7H12Cl3NO2)	228.9827976
Phe-Thz---(C12H12N2O2S)	230.0513833
D-COOH-Trp---(C12H12N2O4)	230.0691419
NMe-Cl-Trp---(C12H13ClN2O2)	234.0559907
C16:1---(C16H30O2)	236.2140151
C14:2(t4,t6)-OH(2,3)/C11:2(t2,t8)-Me(2,6,8)-OH(5,7)---(C14H24O4)	238.1568942
C16:0---(C16H32O2)	238.2296652
bMe-Br-Phe---(C10H12BrNO2)	238.9945746
C15:0-NH2(3)---(C15H31NO2)	239.2249142
C15:0-OH(3)---(C15H30O3)	240.2089298
Br-Tyr/OH-Br-Phe---(C9H10BrNO3)	240.9738392
bbNMe-NMe-Trp---(C15H20N2O2)	242.1419129
C14:0-OH(3,4)/C10:0-Me(2,2,4)-OH(3)-OMe(7)---(C14H28O4)	242.1881943
Me-dOH-ClPh-Ser---()	243.0298367
C8:2(5,7)-Me(6)-OH(4)-NH2(3)-Ph(8)---(C15H19NO3)	243.1259284
Cl3-2OH-NMe-Leu---(C7H12Cl3NO3)	244.9777122
NMe-Cl-OH-Trp---(C12H13ClN2O3)	250.0509053
C15:2(t4,t6)-OH(2,3)---(C15H26O4)	252.1725443
C16:1(9)-OH(3)---(C16H30O3)	252.2089298
C16:0-NH2(3)---(C16H33NO2)	253.2405642
C16:0-OH(3)---(C16H32O3)	254.2245798
D-Br-NMe-Tyr---(C10H12BrNO3)	254.9894892
XXX06---()	255.219829
N1-COOH-bhTrp---(C14H16N2O4)	258.100442
ChrI/ChrP---(C13H15N3O4)	259.095691
ChrD---(C13H17N3O4)	261.111341
D-Cl-CONH2-Trp---(C12H12ClN3O3)	263.0461543
C8:1(7)-OH(2,4,5)-NH2(3)-Ph(8)---(C14H19NO5)	263.1157577
Br-Trp---(C11H11BrN2O2)	263.9898236
C18:1(9)---(C18H34O2)	264.2453153
DHMDA---(C16H28O4)	266.1881943
aC17:0-NH2(3)/iC17:0-NH2(3)---(C17H35NO2)	267.2562143
aC17:0-OH(3)/iC17:0-OH(3)---(C17H34O3)	268.2402299
C16:0-OH(3,4)---(C16H32O4)	270.2194944
PTTA---(C14H14N2O3S)	272.061948
NMe-Br-Trp---(C12H13BrN2O2)	278.0054737
Br-OH-Trp---(C11H11BrN2O3)	279.9847382
C18:1(9)-OH(3)---(C18H34O3)	280.2402299
ChrA---(C14H13N3O5)	285.0749555

DMAdda---(C19H27NO3)	299.1885287
4-hydroxy-4-(4-hydroxy-3-sulfoxyphenyl)-Thr---()	304.0127117
ChrAct---(C16H12N2O6)	310.0589711
Adda---(C20H29NO3)	313.2041787
C8:2(5,7)-Me(6)-OH(4)-NH2(3)-brPh(8)---(C15H18BrNO3)	321.0364394
C12:3(7,9,11)-Me(6)-OH(2,4,5)-NH2(3)-Ph(12)---(C19H25NO5)	329.1627079
C10:2(7,9)-OH(2,4,5)-NH2(3)-ePh(10)---(C18H25NO6)	333.1576225
ADMAdda---(C21H29NO4)	341.1990934
C12:3(7,9,11)-Me(6,10)-OH(2,4,5)-NH2(3)-Ph(12)---(C20H27NO5)	343.1783579
C12:1(11)-Me(6)-OH(2,4,5)-NH2(3)-mPhe(11)---(C20H31NO6)	363.2045727
N1-(1-oxo-12-methyltetradecyl)-Orn---()	372.2988074

Table S2: Prominent ions observed in product ion mass spectrum of Beauverolide A

Measured	Calculated	ppm	Composition	Assignment	Rel. int.
203.1392	203.1390	-0.7	C ₉ H ₁₉ N ₂ O ₃	H-Ala-Leu-OH	4,3
258.1854	258.1852	-0.5	C ₁₇ H ₂₄ NO	¹⁻⁴ a ₂ -H ₂ O	1,5
276.1960	276.1958	-0.7	C ₁₇ H ₂₆ NO ₂	¹⁻⁴ a ₂	1,4
286.1803	286.1802	-0.5	C ₁₈ H ₂₄ NO ₂	¹⁻⁴ b ₂ -H ₂ O	29,3
304.1909	304.1907	-0.6	C ₁₈ H ₂₆ NO ₃	¹⁻⁴ b ₂	14,5
329.2226	329.2224	-0.7	C ₂₀ H ₂₉ N ₂ O ₂	¹⁻⁴ a ₃ -H ₂ O	0,5
332.1971	332.1969	-0.7	C ₁₈ H ₂₆ N ₃ O ₃	²⁻¹ b ₃	0,5
357.2174	357.2173	-0.5	C ₂₁ H ₂₉ N ₂ O ₃	¹⁻⁴ b ₃ -H ₂ O	10,1
373.2120	373.2122	-0.2	C ₂₁ H ₂₉ N ₂ O ₄	¹⁻⁴ b ₃ -2H	0,5
375.2280	375.2278	-0.4	C ₂₁ H ₃₁ N ₂ O ₄	¹⁻⁴ b ₃	100,0
460.3171	460.3170	-0.3	C ₂₆ H ₄₂ N ₃ O ₄	¹⁻⁴ a ₄	70,1
470.3014	470.3013	-0.1	C ₂₇ H ₄₀ N ₃ O ₄	¹⁻⁴ b ₄ -H ₂ O	2,3
488.3120	488.3119	-0.2	C ₂₇ H ₄₂ N ₃ O ₅	¹⁻⁴ b ₄ = MH ⁺	53,0

Table S3: Prominent ions observed in product ion mass spectrum of Pseudacyclin A

Ion	Meas.	Calc.	El. Comp.	released	Sequence
[M+H] ⁺	740.4701	740.4705	C ₃₉ H ₆₂ N ₇ O ₇		cyclo-[Phe ⁵ -Pro ⁴ -Ile ³ -Ile ² -(N ¹ -N-acetyl-Ile ⁶)Orn ¹]
[MH-H ₂ O] ⁺	722.4595	722.4600	C ₃₉ H ₆₀ N ₇ O ₆		
[MH-CO] ⁺	712	712	C ₃₈ H ₆₂ N ₇ O ₆		
Core/linear	585.3760	585.3759	C ₃₁ H ₄₉ N ₆ O ₅	C ₈ H ₁₃ NO ₂	cyclo-[Phe ⁵ -Pro ⁴ -Ile ³ -Ile ² -Orn ¹ or Phe ⁵ -Pro ⁴ -Ile ³ -Ile ² -Orn ¹
anhydro-core	567.3662	567.3653	C ₃₁ H ₄₇ N ₆ O ₄	H ₂ O	
²⁻¹ B ₄	471.2966	471.2966	C ₂₆ H ₃₉ N ₄ O ₄	C ₅ H ₁₀ N ₂ O	Phe ⁵ -Pro ⁴ -Ile ³ -Ile ²
²⁻¹ A ₄	443.3017	443.3017	C ₂₅ H ₃₉ N ₄ O ₃	CO	
²⁻¹ B ₃	358.2125	358.2125	C ₂₀ H ₂₈ N ₃ O ₃	C ₆ H ₁₁ NO	Phe ⁵ -Pro ⁴ -Ile ³
²⁻⁵ B ₃	324.2282	324.2282	C ₁₇ H ₃₀ N ₃ O ₃		Pro ⁴ -Ile ³ -Ile ²
⁵⁻¹ B ₂	245.12826	245.12845	C ₁₇ H ₁₇ N ₂ O ₂		Phe ⁵ -Pro ⁴
⁴⁻⁵ B ₂	211.1439	211.1441	C ₁₁ H ₁₉ N ₂ O ₂	C ₉ H ₉ NO	Pro ⁴ -Ile ³
⁴⁻⁵ A ₂	183.1492	183.1492	C ₁₀ H ₁₉ N ₂ O	CO	
<i>F</i>	120.0811	120.0808	C ₈ H ₁₀ N		Phe
<i>O</i>	115.0869	115.0866	C ₅ H ₁₁ N ₂ O		Orn
<i>I</i>	86.0967	86.0964	C ₅ H ₁₂ N		Ile
<i>P</i>	70.0653	70.0651	C ₄ H ₈ N		Pro
	228.1715				Ile ² -Orn ¹
	227.1183				Ile ³ -Ile ²

Chart S1: CYCLONE output for Beauverolide with 4 building blocks

4 component found.

- 1 C9
- 2 Phenylalanine
- 3 Alanine/N-methyl-Gly/3-amino-propionic A.
- 4 Leucine/Isoleucine/N-methyl-Val

13 peaks found.

375.2280 - 1 -> 3
460.3171 - 0.70096482968489 -> 1.7524120742122 A
488.3120 - 0.5301560729888 -> 1.5904682189664 B
304.1909 - 0.14489662456813 -> 0.4346898737044 B
286.1803 - 0.29255341231397 -> 0.087766023694192 *
203.1392 - 0.043181959779616 -> 0.043181959779616
258.1854 - 0.015162341744288 -> 0.037905854360719 *A
276.1960 - 0.013612687837794 -> 0.034031719594486 A
357.2174 - 0.10059716049278 -> 0.030179148147833 *
470.3014 - 0.022516629132958 -> 0.0067549887398875 *
373.212 - 0.00033878755320277 -> 0.00067757510640555
332.1971 - 0.00033878755320277 -> 0.00033878755320277
329.2226 - 0.00033878755320277 -> 6.7757510640555E-5 x

Input files processing done in 0 ms.

209 combinations generated in 0 ms.

209 combinations sorted in 0 ms.

Search for any combination mass in peaks:

For peak 375.2280 (374.22072355) (type string:) found:

Combination 3-2-1 (374.22000838) 1.911 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Phenylalanine ~ C9

For 460.3171 (459.30982355) nothing found. To znamená co???

For peak 488.3120 (487.30472355) (type string: B) found:

Combination 4-3-2-1 (487.30407198) 1.337 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A. ~ Phenylalanine ~ C9

For peak 304.1909 (303.18362355) (type string: B) found:

Combination 2-1 (303.1828946) 2.404 ppm - Phenylalanine ~ C9

For 286.1803 (285.17302355) nothing found.

For 203.1392 (202.13192355) nothing found.

For 258.1854 (257.17812355) nothing found.

For 276.1960 (275.18872355) nothing found.

For 357.2174 (356.21012355) nothing found.

For 470.3014 (469.29412355) nothing found.

For 373.212 (372.20472355) nothing found.

For peak 332.1971 (331.18982355) (type string:) found:

Combination 4-3-2 (331.18959098) 0.702 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A. ~ Phenylalanine

For 329.2226 (328.21532355) nothing found.

First step done in 0 ms.

Search for combination mass in peak differences:

For peaks 488.3120(B) and 375.2280 () (difference 113.084) found:

Combination 4 (113.0840636) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 488.3120(B) and 332.1971 () (difference 156.1149) found:

Combination 1 (156.114481) 2.684 ppm - C9

For peaks 488.3120(B) and 304.1909 (B) (difference 184.1211) found:

Combination 4-3 (184.12117738) 0.42 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 470.3014(*) and 357.2174 (*) (difference 113.084) found:

Combination 4 (113.0840636) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 470.3014(*) and 286.1803 (*) (difference 184.1211) found:

Combination 4-3 (184.12117738) 0.42 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 460.3171(A) and 276.1960 (A) (difference 184.1211) found:

Combination 4-3 (184.12117738) 0.42 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 375.2280() and 304.1909 (B) (difference 71.0371) found:

Combination 3 (71.03711378) 0.194 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 357.2174(*) and 286.1803 (*) (difference 71.0371) found:

Combination 3 (71.03711378) 0.194 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 329.2226(x) and 258.1854 (*A) (difference 71.0372) found:

Combination 3 (71.03711378) 1.214 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

Bricks in step 1:

Array

```
(  
  [2] => 4  
  [3] => 3  
  [1] => 3  
  [4] => 2  
)
```

Combinations in step 1:

Array

```
(  
  [4-3-2] => 1  
  [2-1] => 1  
  [4-3-2-1] => 1  
  [3-2-1] => 1  
)
```

Bricks in step 2:

Array

```
(  
  [3] => 6  
  [4] => 5  
  [1] => 1  
)
```

Combinations in step 2:

Array

```
(  
  [3] => 3  
  [4-3] => 3  
  [4] => 2  
  [1] => 1  
)
```

Bricks total:

Array

```
(  
  [3] => 9  
  [4] => 7  
  [1] => 4  
  [2] => 4  
)
```

Combinations total:

Array

```
(  
  [4-3] => 3  
  [3] => 3  
)
```

$$[4] \Rightarrow 2$$

$$[1] \Rightarrow 1$$

$$[3-2-1] \Rightarrow 1$$

$$[2-1] \Rightarrow 1$$

$$[4-3-2-1] \Rightarrow 1$$

$$[4-3-2] \Rightarrow 1$$

)

Chart S2: CYCLONE output for Beauverolide with 20 building blocks including CycPepCalc data annotation and sequence coverage determination

20 component found.

- 1 C9
- 2 Phenylalanine
- 3 Alanine/N-methyl-Gly/3-amino-propionic A.
- 4 Leucine/Isoleucine/N-methyl-Val
- 5 Glycine
- 6 2-amino-prop-3-enoic A.
- 7 2-hydroxy-2-methyl-acetic A.
- 8 dehydroThr
- 9 2-methyl-Ala
- 10 Serine
- 11 Proline/2-amino-3-methyl-but-3-enoic A.
- 12 2-hydroxy-pent-4-enoic A
- 13 Valine
- 14 hydroxyisoVal/2-hydroxy-3-methyl-butanoic A.
- 15 Threonine
- 16 Sklenicin
- 17 Cysteine
- 18 Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

19 2-amino-but-2-en-1,4-dioic A.

20 4-hydroxy-Pro

13 peaks found.

375.2280 - 1 -> 3

460.3171 - 0.70096482968489 -> 1.7524120742122 A

488.3120 - 0.5301560729888 -> 1.5904682189664 B

304.1909 - 0.14489662456813 -> 0.4346898737044 B

286.1803 - 0.29255341231397 -> 0.087766023694192 *

203.1392 - 0.043181959779616 -> 0.043181959779616

258.1854 - 0.015162341744288 -> 0.037905854360719 *A

276.1960 - 0.013612687837794 -> 0.034031719594486 A

357.2174 - 0.10059716049278 -> 0.030179148147833 *

470.3014 - 0.022516629132958 -> 0.0067549887398875 *

373.212 - 0.00033878755320277 -> 0.00067757510640555

332.1971 - 0.00033878755320277 -> 0.00033878755320277

329.2226 - 0.00033878755320277 -> 6.7757510640555E-5 x

Input files processing done in 0 ms.

230229 combinations generated in 0.087 ms.

230229 combinations sorted in 0 ms.

Search for any combination mass in peaks:

For peak 375.2280 (374.22072355) (type string:) found:

Combination 3-2-1 (374.22000838) 1.911 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Phenylalanine ~ C9

For 460.3171 (459.30982355) nothing found.

For peak 488.3120 (487.30472355) (type string: B) found:

Combination 4-3-2-1 (487.30407198) 1.337 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A. ~ Phenylalanine ~ C9

Combination 13-9-2-1 (487.30407204) 1.337 ppm - Valine ~ 2-methyl-Ala ~ Phenylalanine ~ C9

For peak 304.1909 (303.18362355) (type string: B) found:

Combination 2-1 (303.1828946) 2.404 ppm - Phenylalanine ~ C9

For 286.1803 (285.17302355) nothing found.

For 203.1392 (202.13192355) nothing found.

For 258.1854 (257.17812355) nothing found.

For 276.1960 (275.18872355) nothing found.

For 357.2174 (356.21012355) nothing found.

For peak 470.3014 (469.29412355) (type string: *) found:

Combination 15-13-13-5-4 (469.29003272) 8.717 ppm - Threonine ~ Valine ~ Valine ~ Glycine ~ Leucine/Isoleucine/N-methyl-Val

Combination 13-10-5-4-4 (469.29003272) 8.717 ppm - Valine ~ Serine ~ Glycine ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 15-13-13-13-3 (469.29003278) 8.717 ppm - Threonine ~ Valine ~ Valine ~ Valine ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 13-13-10-4-3 (469.29003278) 8.717 ppm - Valine ~ Valine ~ Serine ~ Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 13-13-13-10-9 (469.29003284) 8.717 ppm - Valine ~ Valine ~ Valine ~ Serine ~ 2-methyl-Ala

Combination 15-9-5-4-4 (469.29003296) 8.716 ppm - Threonine ~ 2-methyl-Ala ~ Glycine ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 15-4-4-3-3 (469.29003296) 8.716 ppm - Threonine ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A. ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 10-9-4-4-3 (469.29003302) 8.716 ppm - Serine ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 15-13-9-4-3 (469.29003302) 8.716 ppm - Threonine ~ Valine ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 13-10-9-9-4 (469.29003308) 8.716 ppm - Valine ~ Serine ~ 2-methyl-Ala ~
2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 15-13-13-9-9 (469.29003308) 8.716 ppm - Threonine ~ Valine ~ Valine ~
2-methyl-Ala ~ 2-methyl-Ala

Combination 15-9-9-9-4 (469.29003332) 8.716 ppm - Threonine ~ 2-methyl-Ala ~ 2-
methyl-Ala ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peak 373.212 (372.20472355) (type string:) found:

Combination 6-2-1 (372.20435832) 0.981 ppm - 2-amino-prop-3-enoic A. ~
Phenylalanine ~ C9

Combination 17-4-1 (372.2077306) 8.079 ppm - Cysteine ~ Leucine/Isoleucine/N-
methyl-Val ~ C9

For peak 332.1971 (331.18982355) (type string:) found:

Combination 4-3-2 (331.18959098) 0.702 ppm - Leucine/Isoleucine/N-methyl-Val ~
Alanine/N-methyl-Gly/3-amino-propionic A. ~ Phenylalanine

Combination 13-9-2 (331.18959104) 0.702 ppm - Valine ~ 2-methyl-Ala ~ Phenylalanine

For 329.2226 (328.21532355) nothing found.

First step done in 0 ms.

Search for combination mass in peak differences:

For peaks 488.3120(B) and 375.2280 () (difference 113.084) found:

Combination 20 (113.0476785) 321.19 ppm - 4-hydroxy-Pro

Combination 4 (113.0840636) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 488.3120(B) and 332.1971 () (difference 156.1149) found:

Combination 13-5 (156.08987732) 160.284 ppm - Valine ~ Glycine

Combination 9-3 (156.08987762) 160.282 ppm - 2-methyl-Ala ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 1 (156.114481) 2.684 ppm - C9

For peaks 488.3120(B) and 304.1909 (B) (difference 184.1211) found:

Combination 15-8 (184.08479172) 197.198 ppm - Threonine ~ dehydroThr

Combination 11-10 (184.08479204) 197.196 ppm - Proline/2-amino-3-methyl-but-3-enoic A. ~ Serine

Combination 20-3 (184.08479228) 197.195 ppm - 4-hydroxy-Pro ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 4-3 (184.12117738) 0.42 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 13-9 (184.12117744) 0.421 ppm - Valine ~ 2-methyl-Ala

For peaks 488.3120(B) and 276.1960 (A) (difference 212.116) found:

Combination 19-13 (212.0797066) 171.102 ppm - 2-amino-but-2-en-1,4-dioic A. ~
Valine

Combination 8-7-5 (212.0797066) 171.102 ppm - dehydroThr ~ 2-hydroxy-2-methyl-
acetic A. ~ Glycine

Combination 12-5-5 (212.07970686) 171.1 ppm - 2-hydroxy-pent-4-enoic A ~ Glycine ~
Glycine

Combination 7-6-3 (212.07970686) 171.1 ppm - 2-hydroxy-2-methyl-acetic A. ~ 2-
amino-prop-3-enoic A. ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 18-15 (212.1160921) 0.434 ppm - Piperidine-carboxylic A./2-amino-3-
methyl-pent-2-enoic A./MePro ~ Threonine

Combination 20-13 (212.1160921) 0.434 ppm - 4-hydroxy-Pro ~ Valine

Combination 13-4 (212.1524772) 171.968 ppm - Valine ~ Leucine/Isoleucine/N-methyl-
Val

For peaks 470.3014(*) and 357.2174 (*) (difference 113.084) found:

Combination 20 (113.0476785) 321.19 ppm - 4-hydroxy-Pro

Combination 4 (113.0840636) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 470.3014(*) and 286.1803 (*) (difference 184.1211) found:

Combination 15-8 (184.08479172) 197.198 ppm - Threonine ~ dehydroThr

Combination 11-10 (184.08479204) 197.196 ppm - Proline/2-amino-3-methyl-but-3-
enoic A. ~ Serine

Combination 20-3 (184.08479228) 197.195 ppm - 4-hydroxy-Pro ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 4-3 (184.12117738) 0.42 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 13-9 (184.12117744) 0.421 ppm - Valine ~ 2-methyl-Ala

For peaks 470.3014(*) and 276.1960 (A) (difference 194.1054) found:

Combination 18-8 (194.10552742) 0.656 ppm - Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ dehydroThr

Combination 11-11 (194.10552768) 0.658 ppm - Proline/2-amino-3-methyl-but-3-enoic A. ~ Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 470.3014(*) and 258.1854 (*A) (difference 212.116) found:

Combination 19-13 (212.0797066) 171.102 ppm - 2-amino-but-2-en-1,4-dioic A. ~ Valine

Combination 8-7-5 (212.0797066) 171.102 ppm - dehydroThr ~ 2-hydroxy-2-methyl-acetic A. ~ Glycine

Combination 12-5-5 (212.07970686) 171.1 ppm - 2-hydroxy-pent-4-enoic A ~ Glycine ~ Glycine

Combination 7-6-3 (212.07970686) 171.1 ppm - 2-hydroxy-2-methyl-acetic A. ~ 2-amino-prop-3-enoic A. ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 18-15 (212.1160921) 0.434 ppm - Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ Threonine

Combination 20-13 (212.1160921) 0.434 ppm - 4-hydroxy-Pro ~ Valine

For peaks 460.3171(A) and 276.1960 (A) (difference 184.1211) found:

Combination 15-8 (184.08479172) 197.198 ppm - Threonine ~ dehydroThr

Combination 11-10 (184.08479204) 197.196 ppm - Proline/2-amino-3-methyl-but-3-enoic A. ~ Serine

Combination 20-3 (184.08479228) 197.195 ppm - 4-hydroxy-Pro ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 4-3 (184.12117738) 0.42 ppm - Leucine/Isoleucine/N-methyl-Val ~ Alanine/N-methyl-Gly/3-amino-propionic A.

Combination 13-9 (184.12117744) 0.421 ppm - Valine ~ 2-methyl-Ala

For peaks 375.2280() and 304.1909 (B) (difference 71.0371) found:

Combination 3 (71.03711378) 0.194 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 373.212() and 304.1909 (B) (difference 69.0211) found:

Combination 6 (69.02146372) 5.27 ppm - 2-amino-prop-3-enoic A.

For peaks 373.212() and 286.1803 (*) (difference 87.0317) found:

Combination 10 (87.0320282) 3.771 ppm - Serine

For peaks 357.2174(*) and 286.1803 (*) (difference 71.0371) found:

Combination 3 (71.03711378) 0.194 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 329.2226(x) and 258.1854 (*A) (difference 71.0372) found:

Combination 3 (71.03711378) 1.214 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

Bricks in step 1:

Array

(

[13] => 17

[4] => 16

[9] => 13

[3] => 9

[15] => 7

[2] => 7

[1] => 6

[10] => 5

[5] => 3

[17] => 1

[6] => 1

)

Combinations in step 1:

Array

(

[15-13-13-9-9] => 1

[13-10-9-9-4] => 1

[15-13-9-4-3] => 1

[10-9-4-4-3] => 1

[15-9-9-9-4] => 1

[6-2-1] => 1

[13-9-2] => 1

[4-3-2] => 1

[17-4-1] => 1

[15-4-4-3-3] => 1

[15-9-5-4-4] => 1

[2-1] => 1

[13-9-2-1] => 1

[4-3-2-1] => 1

[15-13-13-5-4] => 1

[13-10-5-4-4] => 1

[13-13-13-10-9] => 1

[13-13-10-4-3] => 1

[15-13-13-13-3] => 1

[3-2-1] => 1

)

Bricks in step 2:

Array

(

[3] => 12

[13] => 9

[20] => 7

[5] => 7

[8] => 6

[4] => 6

[11] => 5

[15] => 5

[7] => 4

[10] => 4

[9] => 4

[18] => 3

[6] => 3

[19] => 2

[12] => 2

[1] => 1

)

Combinations in step 2:

Array

(

[20-3] => 3

[4-3] => 3

[13-9] => 3

[11-10] => 3

[15-8] => 3

[3] => 3

[12-5-5] => 2

[20-13] => 2

[18-15] => 2

[7-6-3] => 2

[8-7-5] => 2

[19-13] => 2

[20] => 2

[4] => 2

[6] => 1

[10] => 1

[11-11] => 1

[13-4] => 1

[1] => 1

[9-3] => 1

[13-5] => 1

[18-8] => 1

)

Bricks total:

Array

(

[13] => 26

[4] => 22

[3] => 21

[9] => 17

[15] => 12

[5] => 10

[10] => 9

[1] => 7

[20] => 7

[2] => 7

[8] => 6

[11] => 5

[6] => 4

[7] => 4

[18] => 3

[12] => 2

[19] => 2

[17] => 1

)

Combinations total:

Array

(

[13-9] => 3

[11-10] => 3

[15-8] => 3

[3] => 3

[4-3] => 3

[20-3] => 3

[8-7-5] => 2

[19-13] => 2

[20] => 2

[7-6-3] => 2

[18-15] => 2

[12-5-5] => 2

[20-13] => 2

[4] => 2

[13-10-9-9-4] => 1

[6] => 1

[9-3] => 1

[13-5] => 1

[18-8] => 1

[1] => 1

[13-4] => 1

[10] => 1

[11-11] => 1

[15-13-9-4-3] => 1

[10-9-4-4-3] => 1

[2-1] => 1

[13-9-2-1] => 1

[4-3-2-1] => 1

[15-9-5-4-4] => 1

[15-4-4-3-3] => 1

[4-3-2] => 1

[17-4-1] => 1

[15-13-13-5-4] => 1

[13-10-5-4-4] => 1

[15-13-13-9-9] => 1

[6-2-1] => 1

[15-9-9-9-4] => 1

[3-2-1] => 1

[15-13-13-13-3] => 1

[13-13-13-10-9] => 1

[13-13-10-4-3] => 1

[13-9-2] => 1

)

SEQUENCE VERIFICATION FOR TWO ENTERED SEQUENCES

AA file processing:

AA file processing finished.

Peaklist file processing:

Peaklist read.

203.1392	12746029
258.1854	4475471
276.196	4018060
286.1803	86353058
304.1909	42769170
329.2226	100000
332.1971	100000
357.2174	29693287
373.212	100000
375.228	295170230
460.3171	206903950
470.3014	6646238
488.312	156486290

Sequence file processing:

Leu-Ala-Phe-C9 read.

Val-Abu-Phe-C9 read.

Sequence: Leu-Ala-Phe-C9

AA Leu exists (w. 0 modification/s).

AA Ala exists (w. 0 modification/s).

AA Phe exists (w. 0 modification/s).

AA C9 exists (w. 0 modification/s).

----- Theoretical ions: -----

a1:Ala*x	9.01236183
a1:Ala*	26.03891093
a1:Alax	27.02292651
b1:Ala*x	37.00727645
a1:Ala	44.04947561
a1:Leu*x	51.05931165
b1:Ala*	54.03382555
b1:Alax	55.01784113
a1:Leu*	68.08586075
a1:Leux	69.06987633
b1:Ala	72.04439023
b1:Leu*x	79.05422627
a1:Phe*x	85.04366165
a1:Leu	86.09642543
a1:C9*x	94.08972905
b1:Leu*	96.08077537
b1:Leux	97.06479095
a1:Phe*	102.07021075

a1:Phex 103.05422633
a1:C9* 111.11627815
a1:C9x 112.10029373
b1:Phe*x 113.03857627
b1:Leu 114.09134005
a1:Phe 120.08077543
b1:C9*x 122.08464367
a2:Leu-Ala*x 122.09642543
a1:C9 129.12684283
b1:Phe* 130.06512537
b1:Phex 131.04914095
b1:C9* 139.11119277
a2:Leu-Ala* 139.12297453
b1:C9x 140.09520835
a2:Leu-Alax 140.10699011
b1:Phe 148.07569005
b2:Leu-Ala*x 150.09134005
a2:Ala-Phe*x 156.08077543
b1:C9 157.12175745
a2:Leu-Ala 157.13353921
b2:Leu-Ala* 167.11788915
b2:Leu-Alax 168.10190473
a2:Ala-Phe* 173.10732453
a2:Ala-Phex 174.09134011
b2:Ala-Phe*x 184.07569005
b2:Leu-Ala 185.12845383
a2:Ala-Phe 191.11788921
b2:Ala-Phe* 201.10223915
b2:Ala-Phex 202.08625473
a2:C9-Leu*x 207.17379265
b2:Ala-Phe 219.11280383
a2:C9-Leu* 224.20034175
a2:C9-Leux 225.18435733
b2:C9-Leu*x 235.16870727
a2:Phe-C9*x 241.15814265
a2:C9-Leu 242.21090643
b2:C9-Leu* 252.19525637
b2:C9-Leux 253.17927195
a2:Phe-C9* 258.18469175 258.1854 matched with 2.74ppm error
a2:Phe-C9x 259.16870733
b2:Phe-C9*x 269.15305727
a3:Leu-Ala-Phe*x 269.16483903
b2:C9-Leu 270.20582105
a2:Phe-C9 276.19525643 276.196 matched with 2.69ppm error
a3:C9-Leu-Ala*x 278.21090643
b2:Phe-C9* 286.17960637 286.1803 matched with 2.42ppm error

a3:Leu-Ala-Phe* 286.19138813
b2:Phe-C9x 287.16362195
a3:Leu-Ala-Phex 287.17540371
a3:C9-Leu-Ala* 295.23745553
a3:C9-Leu-Alax 296.22147111
b3:Leu-Ala-Phe*x 297.15975365
b2:Phe-C9 304.19017105 304.1909 matched with 2.4ppm error
a3:Leu-Ala-Phe 304.20195281
b3:C9-Leu-Ala*x 306.20582105
a3:Ala-Phe-C9*x 312.19525643
a3:C9-Leu-Ala 313.24802021
b3:Leu-Ala-Phe* 314.18630275
b3:Leu-Ala-Phex 315.17031833
b3:C9-Leu-Ala* 323.23237015
b3:C9-Leu-Alax 324.21638573
a3:Ala-Phe-C9* 329.22180553 329.2226 matched with 2.41ppm error
a3:Ala-Phe-C9x 330.20582111
b3:Leu-Ala-Phe 332.19686743 332.1971 matched with 0.7ppm error
b3:Ala-Phe-C9*x 340.19017105
b3:C9-Leu-Ala 341.24293483
a3:Ala-Phe-C9 347.23237021
a3:Phe-C9-Leu*x 354.24220625
b3:Ala-Phe-C9* 357.21672015 357.2174 matched with 1.9ppm error
b3:Ala-Phe-C9x 358.20073573
a3:Phe-C9-Leu* 371.26875535
a3:Phe-C9-Leux 372.25277093
b3:Ala-Phe-C9 375.22728483 375.228 matched with 1.91ppm error
b3:Phe-C9-Leu*x 382.23712087
a3:Phe-C9-Leu 389.27932003
b3:Phe-C9-Leu* 399.26366997
b3:Phe-C9-Leux 400.24768555
b3:Phe-C9-Leu 417.27423465
a4:Ala-Phe-C9-Leu*x 425.27932003
a4:C9-Leu-Ala-Phe*x 425.27932003
a4:Phe-C9-Leu-Ala*x 425.27932003
a4:Leu-Ala-Phe-C9*x 425.27932003
a4:Phe-C9-Leu-Ala* 442.30586913
a4:Ala-Phe-C9-Leu* 442.30586913
a4:C9-Leu-Ala-Phe* 442.30586913
a4:Leu-Ala-Phe-C9* 442.30586913
a4:C9-Leu-Ala-Phex 443.28988471
a4:Ala-Phe-C9-Leux 443.28988471
a4:Phe-C9-Leu-Alax 443.28988471
a4:Leu-Ala-Phe-C9x 443.28988471
b4:Ala-Phe-C9-Leu*x 453.27423465
b4:Phe-C9-Leu-Ala*x 453.27423465

b4:C9-Leu-Ala-Phe*x453.27423465
 b4:Leu-Ala-Phe-C9*x453.27423465
 a4:Ala-Phe-C9-Leu 460.31643381 460.3171 matched with 1.45ppm error
 a4:C9-Leu-Ala-Phe 460.31643381 460.3171 matched with 1.45ppm error
 a4:Phe-C9-Leu-Ala 460.31643381 460.3171 matched with 1.45ppm error
 a4:Leu-Ala-Phe-C9 460.31643381 460.3171 matched with 1.45ppm error
 b4:C9-Leu-Ala-Phe* 470.30078375 470.3014 matched with 1.31ppm error
 b4:Ala-Phe-C9-Leu* 470.30078375 470.3014 matched with 1.31ppm error
 b4:Phe-C9-Leu-Ala* 470.30078375 470.3014 matched with 1.31ppm error
 b4:Leu-Ala-Phe-C9* 470.30078375 470.3014 matched with 1.31ppm error
 b4:Phe-C9-Leu-Alax 471.28479933
 b4:Ala-Phe-C9-Leux 471.28479933
 b4:C9-Leu-Ala-Phex 471.28479933
 b4:Leu-Ala-Phe-C9x 471.28479933
 b4:C9-Leu-Ala-Phe 488.31134843 488.312 matched with 1.33ppm error
 b4:Ala-Phe-C9-Leu 488.31134843 488.312 matched with 1.33ppm error
 b4:Phe-C9-Leu-Ala 488.31134843 488.312 matched with 1.33ppm error
 b4:Leu-Ala-Phe-C9 488.31134843 488.312 matched with 1.33ppm error

----- End of Theoretical ions: -----

11 peaks from peaklist (13 peaks) found (84.6%)

=====

Sequence: Val-Abu-Phe-C9

- AA Val exists (w. 0 modification/s).
- AA Abu exists (w. 0 modification/s).
- AA Phe exists (w. 0 modification/s).
- AA C9 exists (w. 0 modification/s).

----- Theoretical ions: -----

a1:Abu*x 23.02801189
 a1:Val*x 37.04366165
 a1:Abu* 40.05456099
 a1:Abux 41.03857657
 b1:Abu*x 51.02292651
 a1:Val* 54.07021075
 a1:Valx 55.05422633
 a1:Abu58.06512567
 b1:Val*x 65.03857627
 b1:Abu* 68.04947561
 b1:Abux 69.03349119
 a1:Val 72.08077543
 b1:Val* 82.06512537
 b1:Valx 83.04914095

a1:Phe*x 85.04366165
b1:Abu 86.06004029
a1:C9*x 94.08972905
b1:Val 100.07569005
a1:Phe* 102.07021075
a1:Phex 103.05422633
a1:C9* 111.11627815
a1:C9x 112.10029373
b1:Phe*x 113.03857627
a1:Phe 120.08077543
b1:C9*x 122.08464367
a2:Val-Abu*x 122.09642549
a1:C9 129.12684283
b1:Phe* 130.06512537
b1:Phex 131.04914095
b1:C9* 139.11119277
a2:Val-Abu* 139.12297459
b1:C9x 140.09520835
a2:Val-Abux 140.10699017
b1:Phe 148.07569005
b2:Val-Abu*x 150.09134011
b1:C9 157.12175745
a2:Val-Abu 157.13353927
b2:Val-Abu* 167.11788921
b2:Val-Abux 168.10190479
a2:Abu-Phe*x 170.09642549
b2:Val-Abu 185.12845389
a2:Abu-Phe* 187.12297459
a2:Abu-Phex 188.10699017
a2:C9-Val*x 193.15814265
b2:Abu-Phe*x 198.09134011
a2:Abu-Phe 205.13353927
a2:C9-Val* 210.18469175
a2:C9-Valx 211.16870733
b2:Abu-Phe* 215.11788921
b2:Abu-Phex 216.10190479
b2:C9-Val*x 221.15305727
a2:C9-Val 228.19525643
b2:Abu-Phe 233.12845389
b2:C9-Val* 238.17960637
b2:C9-Valx 239.16362195
a2:Phe-C9*x 241.15814265
b2:C9-Val 256.19017105
a2:Phe-C9* 258.18469175 258.1854 matched with 2.74ppm error
a2:Phe-C9x 259.16870733
b2:Phe-C9*x 269.15305727

a3:Val-Abu-Phe*x 269.16483909
a2:Phe-C9 276.19525643 276.196 matched with 2.69ppm error
a3:C9-Val-Abu*x 278.21090649
b2:Phe-C9* 286.17960637 286.1803 matched with 2.42ppm error
a3:Val-Abu-Phe* 286.19138819
b2:Phe-C9x 287.16362195
a3:Val-Abu-Phex 287.17540377
a3:C9-Val-Abu* 295.23745559
a3:C9-Val-Abux 296.22147117
b3:Val-Abu-Phe*x 297.15975371
b2:Phe-C9 304.19017105 304.1909 matched with 2.4ppm error
a3:Val-Abu-Phe 304.20195287
b3:C9-Val-Abu*x 306.20582111
a3:C9-Val-Abu 313.24802027
b3:Val-Abu-Phe* 314.18630281
b3:Val-Abu-Phex 315.17031839
b3:C9-Val-Abu* 323.23237021
b3:C9-Val-Abux 324.21638579
a3:Abu-Phe-C9*x 326.21090649
b3:Val-Abu-Phe 332.19686749 332.1971 matched with 0.7ppm error
a3:Phe-C9-Val*x 340.22655625
b3:C9-Val-Abu 341.24293489
a3:Abu-Phe-C9* 343.23745559
a3:Abu-Phe-C9x 344.22147117
b3:Abu-Phe-C9*x 354.20582111
a3:Phe-C9-Val* 357.25310535
a3:Phe-C9-Valx 358.23712093
a3:Abu-Phe-C9 361.24802027
b3:Phe-C9-Val*x 368.22147087
b3:Abu-Phe-C9* 371.23237021
b3:Abu-Phe-C9x 372.21638579
a3:Phe-C9-Val 375.26367003
b3:Phe-C9-Val* 385.24801997
b3:Phe-C9-Valx 386.23203555
b3:Abu-Phe-C9 389.24293489
b3:Phe-C9-Val 403.25858465
a4:Abu-Phe-C9-Val*x 425.27932009
a4:Val-Abu-Phe-C9*x 425.27932009
a4:C9-Val-Abu-Phe*x 425.27932009
a4:Phe-C9-Val-Abu*x 425.27932009
a4:Val-Abu-Phe-C9* 442.30586919
a4:Abu-Phe-C9-Val* 442.30586919
a4:C9-Val-Abu-Phe* 442.30586919
a4:Phe-C9-Val-Abu* 442.30586919
a4:Val-Abu-Phe-C9x 443.28988477
a4:Abu-Phe-C9-Valx 443.28988477

a4:C9-Val-Abu-Phe_x 443.28988477
a4:Phe-C9-Val-Abu_x 443.28988477
b4:Val-Abu-Phe-C9*_x 453.27423471
b4:Abu-Phe-C9-Val*_x 453.27423471
b4:C9-Val-Abu-Phe*_x 453.27423471
b4:Phe-C9-Val-Abu*_x 453.27423471
a4:Val-Abu-Phe-C9 460.31643387 460.3171 matched with 1.45ppm error
a4:Abu-Phe-C9-Val 460.31643387 460.3171 matched with 1.45ppm error
a4:C9-Val-Abu-Phe 460.31643387 460.3171 matched with 1.45ppm error
a4:Phe-C9-Val-Abu 460.31643387 460.3171 matched with 1.45ppm error
b4:Abu-Phe-C9-Val* 470.30078381 470.3014 matched with 1.31ppm error
b4:Val-Abu-Phe-C9* 470.30078381 470.3014 matched with 1.31ppm error
b4:C9-Val-Abu-Phe* 470.30078381 470.3014 matched with 1.31ppm error
b4:Phe-C9-Val-Abu* 470.30078381 470.3014 matched with 1.31ppm error
b4:Abu-Phe-C9-Val_x 471.28479939
b4:Val-Abu-Phe-C9_x 471.28479939
b4:C9-Val-Abu-Phe_x 471.28479939
b4:Phe-C9-Val-Abu_x 471.28479939
b4:Val-Abu-Phe-C9 488.31134849 488.312 matched with 1.33ppm error
b4:Abu-Phe-C9-Val 488.31134849 488.312 matched with 1.33ppm error
b4:C9-Val-Abu-Phe 488.31134849 488.312 matched with 1.33ppm error
b4:Phe-C9-Val-Abu 488.31134849 488.312 matched with 1.33ppm error
----- End of Theoretical ions: -----

8 peaks from peaklist (13 peaks) found (61.5%)

Summary returned by CYPEPCALC:

Leu-Ala-Phe-C9	84.6%
Val-Abu-Phe-C9	61.5%

Chart S3: Roseotoxin A

6 components found.

- 1 2-hydroxy-4-methyl-pentanoic A.
- 2 Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro
- 3 Leucine/Isoleucine/N-methyl-Val
- 4 Leucine/Isoleucine/N-methyl-Val
- 5 2-methyl-Ala
- 6 Alanine/N-methyl-Gly/3-amino-propionic A.

25 peaks found.

467.32272 - 1 -> 2.5 A
495.31763 - 0.47404084774803 -> 0.94808169549607 B
382.27000 - 0.062032563082015 -> 0.15508140770504 A
382.23366 - 0.03095966860987 -> 0.15479834304935 B
354.23869 - 0.041906077310117 -> 0.10476519327529 A
608.40178 - 0.041473840170307 -> 0.082947680340615 B
410.26486 - 0.024485253533476 -> 0.073455760600427 B
580.40669 - 0.020383787046499 -> 0.050959467616248 A
297.18087 - 0.0081257136990799 -> 0.040628568495399 B
479.32237 - 0.0066919101282556 -> 0.033459550641278 B
420.24927 - 0.0054647696502966 -> 0.027323848251483 B
392.25431 - 0.010018850661444 -> 0.02504712665361 *A
226.14385 - 0.0077130335058713 -> 0.023139100517614
269.18597 - 0.0062094109542538 -> 0.015523527385635 A
366.23874 - 0.013458283841766 -> 0.013458283841766
208.13323 - 0.044066167275015 -> 0.013219850182505 *
422.30125 - 0.011871930636038 -> 0.011871930636038
199.14411 - 0.0085908937317988 -> 0.0085908937317988
339.22786 - 0.0082414417602362 -> 0.0082414417602362
271.16525 - 0.0079506579027705 -> 0.0079506579027705
451.32784 - 0.03621630873702 -> 0.007243261747404 x
495.35377 - 0.0060428484604684 -> 0.0060428484604684
293.22239 - 0.0050844245173711 -> 0.0050844245173711
564.41184 - 0.015555963297071 -> 0.0031111926594142 x
477.30688 - 0.006845958901923 -> 0.0020537876705769 *

Input files processing done in 0 ms.

923 combinations generated in 0 ms.

923 combinations sorted in 0 ms.

Search for any combination mass in peaks:

For 467.32272 (466.31544355) nothing found.

For peak 495.31763 (494.31035355) (type string: B) found:

Combination 6-5-3-2-1 (494.31043462) 0.164 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

Combination 6-5-4-2-1 (494.31043462) 0.164 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For 382.27000 (381.26272355) nothing found.

For peak 382.23366 (381.22638355) (type string: B) found:

Combination 6-5-2-1 (381.22637102) 0.033 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For 354.23869 (353.23141355) nothing found.

For peak 608.40178 (607.39450355) (type string: B) found:

Combination 6-5-3-3-2-1 (607.39449822) 0.009 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

Combination 6-5-4-3-2-1 (607.39449822) 0.009 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

Combination 6-5-4-4-2-1 (607.39449822) 0.009 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For peak 410.26486 (409.25758355) (type string: B) found:

Combination 6-4-2-1 (409.25767078) 0.213 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

Combination 6-3-2-1 (409.25767078) 0.213 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For 580.40669 (579.39941355) nothing found.

For peak 297.18087 (296.17359355) (type string: B) found:

Combination 6-2-1 (296.17360718) 0.046 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For 479.32237 (478.31509355) nothing found.

For 420.24927 (419.24199355) nothing found.

For 392.25431 (391.24703355) nothing found.

For peak 226.14385 (225.13657355) (type string:) found:

Combination 2-1 (225.1364934) 0.356 ppm - Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For 269.18597 (268.17869355) nothing found.

For 366.23874 (365.23146355) nothing found.

For 208.13323 (207.12595355) nothing found.

For 422.30125 (421.29397355) nothing found.

For peak 199.14411 (198.13683355) (type string:) found:

Combination 5-3 (198.13682744) 0.031 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-4 (198.13682744) 0.031 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peak 339.22786 (338.22058355) (type string:) found:

Combination 3-2-1 (338.220557) 0.078 ppm - Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

Combination 4-2-1 (338.220557) 0.078 ppm - Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For peak 271.16525 (270.15797355) (type string:) found:

Combination 6-5-1 (270.15795712) 0.061 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ 2-hydroxy-4-methyl-pentanoic A.

For peak 451.32784 (450.32056355) (type string: x) found:

Combination 4-4-3-2 (450.3206047) 0.091 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 4-4-4-2 (450.3206047) 0.091 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 4-3-3-2 (450.3206047) 0.091 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 3-3-3-2 (450.3206047) 0.091 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

For 495.35377 (494.34649355) nothing found.

For 293.22239 (292.21511355) nothing found.

For peak 564.41184 (563.40456355) (type string: x) found:

Combination 3-3-3-3-2 (563.4046683) 0.186 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 4-4-4-4-2 (563.4046683) 0.186 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 4-4-3-3-2 (563.4046683) 0.186 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 4-4-4-3-2 (563.4046683) 0.186 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 4-3-3-3-2 (563.4046683) 0.186 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

For 477.30688 (476.29960355) nothing found.

First step done in 0 ms.

Search for combination mass in peak differences:

For peaks 608.40178(B) and 495.31763 (B) (difference 113.08415) found:

Combination 4 (113.0840636) 0.764 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 0.764 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 608.40178(B) and 410.26486 (B) (difference 198.13692) found:

Combination 5-3 (198.13682744) 0.467 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-4 (198.13682744) 0.467 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peaks 608.40178(B) and 382.23366 (B) (difference 226.16812) found:

Combination 3-3 (226.1681272) 0.032 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 4-4 (226.1681272) 0.032 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 4-3 (226.1681272) 0.032 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

For peaks 608.40178(B) and 339.22786 () (difference 269.17392) found:

Combination 6-5-4 (269.17394122) 0.079 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 6-5-3 (269.17394122) 0.079 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peaks 608.40178(B) and 297.18087 (B) (difference 311.22091) found:

Combination 5-4-4 (311.22089104) 0.061 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-4-3 (311.22089104) 0.061 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-3-3 (311.22089104) 0.061 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

For peaks 608.40178(B) and 271.16525 () (difference 337.23653) found:

Combination 4-4-2 (337.2365411) 0.033 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 3-3-2 (337.2365411) 0.033 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 4-3-2 (337.2365411) 0.033 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

For peaks 608.40178(B) and 226.14385 () (difference 382.25793) found:

Combination 6-5-3-3 (382.25800482) 0.196 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 6-5-4-4 (382.25800482) 0.196 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 6-5-4-3 (382.25800482) 0.196 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

For peaks 608.40178(B) and 199.14411 () (difference 409.25767) found:

Combination 6-6-6-5-2 (409.23251908) 61.455 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Alanine/N-methyl-Gly/3-amino-propionic A. ~ Alanine/N-methyl-Gly/3-amino-propionic A. ~ 2-methyl-Ala ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 6-4-2-1 (409.25767078) 0.002 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

Combination 6-3-2-1 (409.25767078) 0.002 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-4-methyl-pentanoic A.

For peaks 580.40669(A) and 495.35377 () (difference 85.05292) found:

Combination 5 (85.05276384) 1.836 ppm - 2-methyl-Ala

For peaks 580.40669(A) and 467.32272 (A) (difference 113.08397) found:

Combination 4 (113.0840636) 0.828 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 0.828 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 580.40669(A) and 382.27000 (A) (difference 198.13669) found:

Combination 5-3 (198.13682744) 0.694 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-4 (198.13682744) 0.694 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peaks 580.40669(A) and 354.23869 (A) (difference 226.168) found:

Combination 3-3 (226.1681272) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 4-4 (226.1681272) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 4-3 (226.1681272) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

For peaks 580.40669(A) and 269.18597 (A) (difference 311.22072) found:

Combination 5-4-4 (311.22089104) 0.55 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-4-3 (311.22089104) 0.55 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-3-3 (311.22089104) 0.55 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

For peaks 564.41184(x) and 451.32784 (x) (difference 113.084) found:

Combination 4 (113.0840636) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 0.562 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 495.35377() and 382.27000 (A) (difference 113.08377) found:

Combination 4 (113.0840636) 2.596 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 2.596 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 495.35377() and 269.18597 (A) (difference 226.1678) found:

Combination 3-3 (226.1681272) 1.447 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 4-4 (226.1681272) 1.447 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

Combination 4-3 (226.1681272) 1.447 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val

For peaks 495.31763(B) and 410.26486 (B) (difference 85.05277) found:

Combination 5 (85.05276384) 0.072 ppm - 2-methyl-Ala

For peaks 495.31763(B) and 382.23366 (B) (difference 113.08397) found:

Combination 4 (113.0840636) 0.828 ppm - Leucine/Isoleucine/N-methyl-Val
Combination 3 (113.0840636) 0.828 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 495.31763(B) and 339.22786 () (difference 156.08977) found:

Combination 6-5 (156.08987762) 0.689 ppm - Alanine/N-methyl-Gly/3-amino-propionic
A. ~ 2-methyl-Ala

For peaks 495.31763(B) and 297.18087 (B) (difference 198.13676) found:

Combination 5-3 (198.13682744) 0.34 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-
methyl-Val

Combination 5-4 (198.13682744) 0.34 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-
methyl-Val

For peaks 495.31763(B) and 271.16525 () (difference 224.15238) found:

Combination 4-2 (224.1524775) 0.435 ppm - Leucine/Isoleucine/N-methyl-Val ~
Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

Combination 3-2 (224.1524775) 0.435 ppm - Leucine/Isoleucine/N-methyl-Val ~
Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

For peaks 495.31763(B) and 226.14385 () (difference 269.17378) found:

Combination 6-5-4 (269.17394122) 0.599 ppm - Alanine/N-methyl-Gly/3-amino-
propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 6-5-3 (269.17394122) 0.599 ppm - Alanine/N-methyl-Gly/3-amino-
propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peaks 495.31763(B) and 199.14411 () (difference 296.17352) found:

Combination 6-2-1 (296.17360718) 0.294 ppm - Alanine/N-methyl-Gly/3-amino-
propionic A. ~ Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro ~ 2-hydroxy-
4-methyl-pentanoic A.

For peaks 479.32237(B) and 366.23874 () (difference 113.08363) found:

Combination 4 (113.0840636) 3.834 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 3.834 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 477.30688(*) and 392.25431 (*A) (difference 85.05257) found:

Combination 5 (85.05276384) 2.279 ppm - 2-methyl-Ala

For peaks 477.30688(*) and 366.23874 () (difference 111.06814) found:

Combination 2 (111.0684139) 2.466 ppm - Piperidine-carboxylic A./2-amino-3-methyl-
pent-2-enoic A./MePro

For peaks 477.30688(*) and 208.13323 (*) (difference 269.17365) found:

Combination 6-5-4 (269.17394122) 1.082 ppm - Alanine/N-methyl-Gly/3-amino-
propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 6-5-3 (269.17394122) 1.082 ppm - Alanine/N-methyl-Gly/3-amino-
propionic A. ~ 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peaks 467.32272(A) and 382.27000 (A) (difference 85.05272) found:

Combination 5 (85.05276384) 0.515 ppm - 2-methyl-Ala

For peaks 467.32272(A) and 354.23869 (A) (difference 113.08403) found:

Combination 4 (113.0840636) 0.297 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 0.297 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 467.32272(A) and 269.18597 (A) (difference 198.13675) found:

Combination 5-3 (198.13682744) 0.391 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

Combination 5-4 (198.13682744) 0.391 ppm - 2-methyl-Ala ~ Leucine/Isoleucine/N-methyl-Val

For peaks 410.26486(B) and 339.22786 () (difference 71.037) found:

Combination 6 (71.03711378) 1.602 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

For peaks 410.26486(B) and 297.18087 (B) (difference 113.08399) found:

Combination 4 (113.0840636) 0.651 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 0.651 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 410.26486(B) and 226.14385 () (difference 184.12101) found:

Combination 6-4 (184.12117738) 0.909 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val

Combination 6-3 (184.12117738) 0.909 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val

For peaks 392.25431(*A) and 208.13323 (*) (difference 184.12108) found:

Combination 6-4 (184.12117738) 0.529 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val

Combination 6-3 (184.12117738) 0.529 ppm - Alanine/N-methyl-Gly/3-amino-propionic A. ~ Leucine/Isoleucine/N-methyl-Val

For peaks 382.27000(A) and 269.18597 (A) (difference 113.08403) found:

Combination 4 (113.0840636) 0.297 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 0.297 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 382.23366(B) and 297.18087 (B) (difference 85.05279) found:

Combination 5 (85.05276384) 0.308 ppm - 2-methyl-Ala

For peaks 382.23366(B) and 271.16525 () (difference 111.06841) found:

Combination 2 (111.0684139) 0.035 ppm - Piperidine-carboxylic A./2-amino-3-methyl-pent-2-enoic A./MePro

For peaks 382.23366(B) and 226.14385 () (difference 156.08981) found:

Combination 6-5 (156.08987762) 0.433 ppm - Alanine/N-methyl-Gly/3-amino-propionic
A. ~ 2-methyl-Ala

For peaks 354.23869(A) and 269.18597 (A) (difference 85.05272) found:

Combination 5 (85.05276384) 0.515 ppm - 2-methyl-Ala

For peaks 339.22786() and 226.14385 () (difference 113.08401) found:

Combination 4 (113.0840636) 0.474 ppm - Leucine/Isoleucine/N-methyl-Val

Combination 3 (113.0840636) 0.474 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 297.18087(B) and 226.14385 () (difference 71.03702) found:

Combination 6 (71.03711378) 1.32 ppm - Alanine/N-methyl-Gly/3-amino-propionic A.

Bricks in step 1:

Array

```
(  
  [4] => 23  
  [3] => 23  
  [2] => 21  
  [1] => 13  
  [6] => 10  
  [5] => 9  
)
```

Combinations in step 1:

Array

```
(  
  [4-4-4-2] => 1  
  [4-3-3-2] => 1  
  [4-4-3-2] => 1  
  [6-5-1] => 1  
  [4-2-1] => 1  
  [3-3-3-2] => 1  
  [3-3-3-3-2] => 1  
  [4-3-3-3-2] => 1  
  [4-4-4-3-2] => 1  
  [4-4-3-3-2] => 1  
  [4-4-4-4-2] => 1  
  [3-2-1] => 1  
  [5-4] => 1  
  [6-5-4-3-2-1] => 1  
  [6-5-3-3-2-1] => 1  
  [6-5-2-1] => 1  
  [6-5-4-2-1] => 1  
  [6-5-4-4-2-1] => 1  
  [6-4-2-1] => 1  
  [5-3] => 1  
)
```


[2-1] => 1
[6-2-1] => 1
[6-3-2-1] => 1
[6-5-3-2-1] => 1

)

Bricks in step 2:

Array

(

[3] => 42
[4] => 42
[5] => 32
[6] => 23
[2] => 11
[1] => 3

)

Combinations in step 2:

Array

(

[4] => 10
[3] => 10
[5] => 6
[5-4] => 4
[5-3] => 4
[6-5-3] => 3
[6-5-4] => 3
[4-3] => 3
[4-4] => 3
[3-3] => 3
[6] => 2
[2] => 2
[6-5] => 2
[5-4-3] => 2
[5-4-4] => 2
[6-4] => 2
[5-3-3] => 2
[6-3] => 2
[4-2] => 1
[6-2-1] => 1
[3-2] => 1
[4-3-2] => 1
[6-5-3-3] => 1
[3-3-2] => 1
[4-4-2] => 1
[6-5-4-4] => 1
[6-5-4-3] => 1
[6-4-2-1] => 1

[6-6-6-5-2] => 1

[6-3-2-1] => 1

)

Bricks total:

Array

(

[4] => 65

[3] => 65

[5] => 41

[6] => 33

[2] => 32

[1] => 16

)

Combinations total:

Array

(

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[5] => 6

[5-4] => 5

[5-3] => 5

[4-3] => 3

[4-4] => 3

[3-3] => 3

[6-5-4] => 3

[6-5-3] => 3

[6-5] => 2

[6-4-2-1] => 2

[2] => 2

[6] => 2

[5-4-3] => 2

[6-3-2-1] => 2

[6-2-1] => 2

[6-4] => 2

[6-3] => 2

[5-3-3] => 2

[5-4-4] => 2

[6-5-4-4] => 1

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[6-5-4-3] => 1

[4-3-2] => 1

[4-2] => 1

[3-2] => 1

[6-5-3-3] => 1

[3-3-2] => 1

[4-3-3-2] => 1
[4-4-4-3-2] => 1
[4-4-3-3-2] => 1
[4-4-4-4-2] => 1
[4-3-3-3-2] => 1
[3-3-3-3-2] => 1
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[6-5-4-3-2-1] => 1
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[4-4-4-2] => 1
[6-5-4-4-2-1] => 1
[6-5-4-2-1] => 1
[6-5-3-3-2-1] => 1
[6-5-2-1] => 1
[4-4-3-2] => 1

)

Chart S4 : Pseudacyclin A

5 component found.

- 1 dehydro-Orn---(C5H10N2O)
- 2 Phenylalanine
- 3 Proline/2-amino-3-methyl-but-3-enoic A.
- 4 Leucine/Isoleucine/N-methyl-Val
- 5 N-Ac-Lxx---(C8H13NO2)

30 peaks found.

585.3750737 - 1 -> 3
471.2960183 - 0.31042724316924 -> 0.93128172950773 B
586.3787277 - 0.30540756374422 -> 0.91622269123267 I
472.2987925 - 0.084499838381534 -> 0.42249919190767 IB
443.3011521 - 0.1683690478454 -> 0.42092261961351 A
211.143939 - 0.043768055317881 -> 0.21884027658941 B
740.4695493 - 0.067042508825636 -> 0.20112752647691
358.2121441 - 0.19177964114362 -> 0.19177964114362
183.149036 - 0.055463211200477 -> 0.13865802800119 A
444.3045224 - 0.041959512989688 -> 0.10489878247422 IA
741.4731132 - 0.027993712724761 -> 0.083981138174282 I
567.3646171 - 0.18928374498507 -> 0.056785123495522 *
329.2220301 - 0.034413895385317 -> 0.034413895385317
324.2278544 - 0.03432960026366 -> 0.03432960026366
438.3070047 - 0.029587397562413 -> 0.029587397562413
227.1752198 - 0.018499356695124 -> 0.018499356695124
568.368223 - 0.059880782613656 -> 0.017964234784097 *
722.4590725 - 0.054126975072728 -> 0.016238092521818 *
426.274573 - 0.015333092490129 -> 0.015333092490129
341.2543683 - 0.014675400401828 -> 0.014675400401828
313.1907694 - 0.010404679963747 -> 0.010404679963747
261.1595067 - 0.01038211675825 -> 0.01038211675825
723.462372 - 0.022036836334366 -> 0.0066110509003099 *
453.285461 - 0.014501359496511 -> 0.0043504078489533 *
587.381713 - 0.04681129934909 -> 0.0004681129934909 I
568.3488739 - 0.046608547398576 -> 0.00046608547398576 I
359.2154724 - 0.040182153518529 -> 0.00040182153518529 I
228.1704381 - 0.019381413242573 -> 0.00019381413242573 I
569.3524667 - 0.014700181899999 -> 0.00014700181899999 I
473.2951137 - 0.012149652361848 -> 0.00012149652361848 I

Input files processing done in 0 ms.

461 combinations generated in 0 ms.

461 combinations sorted in 0 ms.

Search for any combination mass in peaks:

For peak 585.3750737 (584.36779725) (type string:) found:

Combination 4-4-3-2-1 (584.36806864) 0.464 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine ~ dehydro-Orn---(C5H10N2O)

For peak 471.2960183 (470.28874185) (type string: B) found:

Combination 4-4-3-2 (470.28930464) 1.197 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For 586.3787277 (585.37145125) nothing found.

For 472.2987925 (471.29151605) nothing found.

For 443.3011521 (442.29387565) nothing found.

For peak 211.143939 (210.13666255) (type string: B) found:

Combination 4-3 (210.13682744) 0.785 ppm - Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A.

For peak 740.4695493 (739.46227285) (type string:) found:

Combination 5-4-4-3-2-1 (739.46214864) 0.168 ppm - N-Ac-Lxx---(C8H13NO2) ~ Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine ~ dehydro-Orn---(C5H10N2O)

For peak 358.2121441 (357.20486765) (type string:) found:

Combination 4-3-2 (357.20524104) 1.045 ppm - Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For 183.149036 (182.14175955) nothing found.

For 444.3045224 (443.29724595) nothing found.

For 741.4731132 (740.46583675) nothing found.

For 567.3646171 (566.35734065) nothing found.

For 329.2220301 (328.21475365) nothing found.

For peak 324.2278544 (323.22057795) (type string:) found:

Combination 4-4-3 (323.22089104) 0.969 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A.

For peak 438.3070047 (437.29972825) (type string:) found:

Combination 4-4-3-1 (437.29965504) 0.167 ppm - Leucine/Isoleucine/N-methyl-Val ~ Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ dehydro-Orn---(C5H10N2O)

For peak 227.1752198 (226.16794335) (type string:) found:

Combination 4-4 (226.1681272) 0.813 ppm - Leucine/Isoleucine/N-methyl-Val ~
Leucine/Isoleucine/N-methyl-Val

For 568.368223 (567.36094655) nothing found.

For 722.4590725 (721.45179605) nothing found.

For 426.274573 (425.26729655) nothing found.

For peak 341.2543683 (340.24709185) (type string:) found:

Combination 4-4-1 (340.2468912) 0.59 ppm - Leucine/Isoleucine/N-methyl-Val ~
Leucine/Isoleucine/N-methyl-Val ~ dehydro-Orn---(C5H10N2O)

For 313.1907694 (312.18349295) nothing found.

For peak 261.1595067 (260.15223025) (type string:) found:

Combination 4-2 (260.1524772) 0.949 ppm - Leucine/Isoleucine/N-methyl-Val ~
Phenylalanine

For 723.462372 (722.45509555) nothing found.

For 453.285461 (452.27818455) nothing found.

For 587.381713 (586.37443655) nothing found.

For peak 568.3488739 (567.34159745) (type string: I) found:

Combination 4-4-3-3-2 (567.34206848) 0.83 ppm - Leucine/Isoleucine/N-methyl-Val ~
Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Proline/2-
amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For 359.2154724 (358.20819595) nothing found.

For peak 228.1704381 (227.16316165) (type string: I) found:

Combination 4-1 (227.1628276) 1.471 ppm - Leucine/Isoleucine/N-methyl-Val ~
dehydro-Orn---(C5H10N2O)

For 569.3524667 (568.34519025) nothing found.

For 473.2951137 (472.28783725) nothing found.

First step done in 0 ms.

Search for combination mass in peak differences:

For peaks 741.4731132(I) and 586.3787277 (I) (difference 155.0943855) found:

Combination 5 (155.09408) 1.97 ppm - N-Ac-Lxx---(C8H13NO2)

For peaks 741.4731132(I) and 473.2951137 (I) (difference 268.1779995) found:

Combination 5-4 (268.1781436) 0.537 ppm - N-Ac-Lxx---(C8H13NO2) ~
Leucine/Isoleucine/N-methyl-Val

For peaks 741.4731132(I) and 472.2987925 (IB) (difference 269.1743207) found:

Combination 5-1 (269.172844) 5.486 ppm - N-Ac-Lxx---(C8H13NO2) ~ dehydro-Orn---
(C5H10N2O)

For peaks 741.4731132(I) and 359.2154724 (I) (difference 382.2576408) found:

Combination 5-4-1 (382.2569076) 1.918 ppm - N-Ac-Lxx---(C8H13NO2) ~
Leucine/Isoleucine/N-methyl-Val ~ dehydro-Orn---(C5H10N2O)

For peaks 740.4695493() and 585.3750737 () (difference 155.0944756) found:

Combination 5 (155.09408) 2.551 ppm - N-Ac-Lxx---(C8H13NO2)

For peaks 740.4695493() and 471.2960183 (B) (difference 269.173531) found:

Combination 5-1 (269.172844) 2.552 ppm - N-Ac-Lxx---(C8H13NO2) ~ dehydro-Orn---
(C5H10N2O)

For peaks 740.4695493() and 438.3070047 () (difference 302.1625446) found:

Combination 5-2 (302.1624936) 0.169 ppm - N-Ac-Lxx---(C8H13NO2) ~ Phenylalanine

For peaks 740.4695493() and 358.2121441 () (difference 382.2574052) found:

Combination 5-4-1 (382.2569076) 1.302 ppm - N-Ac-Lxx---(C8H13NO2) ~
Leucine/Isoleucine/N-methyl-Val ~ dehydro-Orn---(C5H10N2O)

For peaks 740.4695493() and 341.2543683 () (difference 399.215181) found:

Combination 5-3-2 (399.21525744) 0.191 ppm - N-Ac-Lxx---(C8H13NO2) ~ Proline/2-
amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For peaks 740.4695493() and 324.2278544 () (difference 416.2416949) found:

Combination 5-2-1 (416.2412576) 1.051 ppm - N-Ac-Lxx---(C8H13NO2) ~
Phenylalanine ~ dehydro-Orn---(C5H10N2O)

For peaks 740.4695493() and 261.1595067 () (difference 479.3100426) found:

Combination 5-4-3-1 (479.30967144) 0.774 ppm - N-Ac-Lxx---(C8H13NO2) ~
Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ dehydro-Orn---
(C5H10N2O)

For peaks 740.4695493() and 228.1704381 (I) (difference 512.2991112) found:

Combination 5-4-3-2 (512.29932104) 0.41 ppm - N-Ac-Lxx---(C8H13NO2) ~
Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For peaks 740.4695493() and 227.1752198 () (difference 513.2943295) found:

Combination 5-3-2-1 (513.29402144) 0.6 ppm - N-Ac-Lxx---(C8H13NO2) ~ Proline/2-
amino-3-methyl-but-3-enoic A. ~ Phenylalanine ~ dehydro-Orn---(C5H10N2O)

For peaks 740.4695493() and 211.143939 (B) (difference 529.3256103) found:

Combination 5-4-2-1 (529.3253212) 0.546 ppm - N-Ac-Lxx---(C8H13NO2) ~
Leucine/Isoleucine/N-methyl-Val ~ Phenylalanine ~ dehydro-Orn---(C5H10N2O)

For peaks 723.462372(*) and 568.368223 (*) (difference 155.094149) found:

Combination 5 (155.09408) 0.445 ppm - N-Ac-Lxx---(C8H13NO2)

For peaks 722.4590725(*) and 567.3646171 (*) (difference 155.0944554) found:
Combination 5 (155.09408) 2.42 ppm - N-Ac-Lxx---(C8H13NO2)

For peaks 722.4590725(*) and 453.285461 (*) (difference 269.1736115) found:
Combination 5-1 (269.172844) 2.851 ppm - N-Ac-Lxx---(C8H13NO2) ~ dehydro-Orn---
(C5H10N2O)

For peaks 586.3787277(I) and 473.2951137 (I) (difference 113.083614) found:
Combination 4 (113.0840636) 3.976 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 586.3787277(I) and 472.2987925 (IB) (difference 114.0799352) found:
Combination 1 (114.078764) 10.266 ppm - dehydro-Orn---(C5H10N2O)

For peaks 586.3787277(I) and 359.2154724 (I) (difference 227.1632553) found:
Combination 4-1 (227.1628276) 1.883 ppm - Leucine/Isoleucine/N-methyl-Val ~
dehydro-Orn---(C5H10N2O)

For peaks 585.3750737() and 471.2960183 (B) (difference 114.0790554) found:
Combination 1 (114.078764) 2.554 ppm - dehydro-Orn---(C5H10N2O)

For peaks 585.3750737() and 438.3070047 () (difference 147.068069) found:
Combination 2 (147.0684136) 2.343 ppm - Phenylalanine

For peaks 585.3750737() and 358.2121441 () (difference 227.1629296) found:
Combination 4-1 (227.1628276) 0.449 ppm - Leucine/Isoleucine/N-methyl-Val ~
dehydro-Orn---(C5H10N2O)

For peaks 585.3750737() and 341.2543683 () (difference 244.1207054) found:
Combination 3-2 (244.12117744) 1.934 ppm - Proline/2-amino-3-methyl-but-3-enoic A.
~ Phenylalanine

For peaks 585.3750737() and 324.2278544 () (difference 261.1472193) found:
Combination 2-1 (261.1471776) 0.16 ppm - Phenylalanine ~ dehydro-Orn---
(C5H10N2O)

For peaks 585.3750737() and 261.1595067 () (difference 324.215567) found:
Combination 4-3-1 (324.21559144) 0.075 ppm - Leucine/Isoleucine/N-methyl-Val ~
Proline/2-amino-3-methyl-but-3-enoic A. ~ dehydro-Orn---(C5H10N2O)

For peaks 585.3750737() and 228.1704381 (I) (difference 357.2046356) found:
Combination 4-3-2 (357.20524104) 1.695 ppm - Leucine/Isoleucine/N-methyl-Val ~
Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For peaks 585.3750737() and 227.1752198 () (difference 358.1998539) found:

Combination 3-2-1 (358.19994144) 0.244 ppm - Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine ~ dehydro-Orn---(C5H10N2O)

For peaks 585.3750737() and 211.143939 (B) (difference 374.2311347) found:

Combination 4-2-1 (374.2312412) 0.285 ppm - Leucine/Isoleucine/N-methyl-Val ~ Phenylalanine ~ dehydro-Orn---(C5H10N2O)

For peaks 569.3524667(I) and 472.2987925 (IB) (difference 97.0536742) found:

Combination 3 (97.05276384) 9.38 ppm - Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 569.3524667(I) and 359.2154724 (I) (difference 210.1369943) found:

Combination 4-3 (210.13682744) 0.794 ppm - Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 568.3488739(I) and 471.2960183 (B) (difference 97.0528556) found:

Combination 3 (97.05276384) 0.945 ppm - Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 568.3488739(I) and 358.2121441 () (difference 210.1367298) found:

Combination 4-3 (210.13682744) 0.465 ppm - Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 568.3488739(I) and 324.2278544 () (difference 244.1210195) found:

Combination 3-2 (244.12117744) 0.647 ppm - Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For peaks 568.3488739(I) and 261.1595067 () (difference 307.1893672) found:

Combination 4-3-3 (307.18959128) 0.729 ppm - Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 568.3488739(I) and 227.1752198 () (difference 341.1736541) found:

Combination 3-3-2 (341.17394128) 0.842 ppm - Proline/2-amino-3-methyl-but-3-enoic A. ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For peaks 568.3488739(I) and 211.143939 (B) (difference 357.2049349) found:

Combination 4-3-2 (357.20524104) 0.857 ppm - Leucine/Isoleucine/N-methyl-Val ~ Proline/2-amino-3-methyl-but-3-enoic A. ~ Phenylalanine

For peaks 567.3646171(*) and 453.285461 (*) (difference 114.0791561) found:

Combination 1 (114.078764) 3.437 ppm - dehydro-Orn---(C5H10N2O)

For peaks 473.2951137(I) and 359.2154724 (I) (difference 114.0796413) found:

Combination 1 (114.078764) 7.69 ppm - dehydro-Orn---(C5H10N2O)

For peaks 472.2987925(IB) and 359.2154724 (I) (difference 113.0833201) found:

Combination 4 (113.0840636) 6.575 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 471.2960183(B) and 358.2121441 () (difference 113.0838742) found:
Combination 4 (113.0840636) 1.675 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 471.2960183(B) and 324.2278544 () (difference 147.0681639) found:
Combination 2 (147.0684136) 1.698 ppm - Phenylalanine

For peaks 471.2960183(B) and 261.1595067 () (difference 210.1365116) found:
Combination 4-3 (210.13682744) 1.503 ppm - Leucine/Isoleucine/N-methyl-Val ~
Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 471.2960183(B) and 227.1752198 () (difference 244.1207985) found:
Combination 3-2 (244.12117744) 1.552 ppm - Proline/2-amino-3-methyl-but-3-enoic A.
~ Phenylalanine

For peaks 471.2960183(B) and 211.143939 (B) (difference 260.1520793) found:
Combination 4-2 (260.1524772) 1.529 ppm - Leucine/Isoleucine/N-methyl-Val ~
Phenylalanine

For peaks 443.3011521(A) and 329.2220301 () (difference 114.079122) found:
Combination 1 (114.078764) 3.138 ppm - dehydro-Orn---(C5H10N2O)

For peaks 443.3011521(A) and 183.149036 (A) (difference 260.1521161) found:
Combination 4-2 (260.1524772) 1.388 ppm - Leucine/Isoleucine/N-methyl-Val ~
Phenylalanine

For peaks 438.3070047() and 341.2543683 () (difference 97.0526364) found:
Combination 3 (97.05276384) 1.313 ppm - Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 438.3070047() and 324.2278544 () (difference 114.0791503) found:
Combination 1 (114.078764) 3.386 ppm - dehydro-Orn---(C5H10N2O)

For peaks 438.3070047() and 228.1704381 (I) (difference 210.1365666) found:
Combination 4-3 (210.13682744) 1.241 ppm - Leucine/Isoleucine/N-methyl-Val ~
Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 438.3070047() and 227.1752198 () (difference 211.1317849) found:
Combination 3-1 (211.13152784) 1.218 ppm - Proline/2-amino-3-methyl-but-3-enoic A.
~ dehydro-Orn---(C5H10N2O)

For peaks 438.3070047() and 211.143939 (B) (difference 227.1630657) found:
Combination 4-1 (227.1628276) 1.048 ppm - Leucine/Isoleucine/N-methyl-Val ~
dehydro-Orn---(C5H10N2O)

For peaks 426.274573() and 329.2220301 () (difference 97.0525429) found:
Combination 3 (97.05276384) 2.276 ppm - Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 426.274573() and 313.1907694 () (difference 113.0838036) found:
Combination 4 (113.0840636) 2.299 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 358.2121441() and 261.1595067 () (difference 97.0526374) found:
Combination 3 (97.05276384) 1.303 ppm - Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 358.2121441() and 211.143939 (B) (difference 147.0682051) found:
Combination 2 (147.0684136) 1.418 ppm - Phenylalanine

For peaks 341.2543683() and 228.1704381 (I) (difference 113.0839302) found:
Combination 4 (113.0840636) 1.18 ppm - Leucine/Isoleucine/N-methyl-Val

For peaks 341.2543683() and 227.1752198 () (difference 114.0791485) found:
Combination 1 (114.078764) 3.37 ppm - dehydro-Orn---(C5H10N2O)

For peaks 324.2278544() and 227.1752198 () (difference 97.0526346) found:
Combination 3 (97.05276384) 1.332 ppm - Proline/2-amino-3-methyl-but-3-enoic A.

For peaks 324.2278544() and 211.143939 (B) (difference 113.0839154) found:
Combination 4 (113.0840636) 1.311 ppm - Leucine/Isoleucine/N-methyl-Val

Bricks in step 1:

Array

```
(  
  [4] => 20  
  [3] => 9  
  [2] => 6  
  [1] => 5  
  [5] => 1  
)
```

Combinations in step 1:

Array

```
(  
  [4-4-1] => 1  
  [4-4] => 1  
  [4-2] => 1  
  [4-4-3-3-2] => 1  
  [4-1] => 1  
  [4-4-3-1] => 1  
  [4-4-3] => 1  
  [4-4-3-2] => 1  
  [4-3] => 1  
  [5-4-4-3-2-1] => 1  
  [4-3-2] => 1  
  [4-4-3-2-1] => 1  
)
```

Bricks in step 2:

Array

```
(  
  [4] => 26  
  [3] => 26  
  [1] => 24  
  [2] => 20  
  [5] => 17  
)
```

Combinations in step 2:

Array

```
(  
  [1] => 7  
  [4] => 6  
  [3] => 6  
  [4-3] => 4  
  [5] => 4  
  [3-2] => 3  
  [2] => 3  
  [4-1] => 3  
  [5-1] => 3  
  [5-4-1] => 2  
  [4-3-2] => 2  
  [4-2] => 2  
  [3-2-1] => 1  
  [4-2-1] => 1  
  [4-3-3] => 1  
  [3-1] => 1  
  [3-3-2] => 1  
  [5-4] => 1  
  [4-3-1] => 1  
  [5-4-3-1] => 1  
  [5-4-2-1] => 1  
  [5-3-2-1] => 1  
  [5-2-1] => 1  
  [5-3-2] => 1  
  [2-1] => 1  
  [5-2] => 1  
  [5-4-3-2] => 1  
)
```

Bricks total:

Array

```
(  
  [4] => 46  
  [3] => 35  
  [1] => 29  
)
```

[2] => 26

[5] => 18

)

Combinations total:

Array

(

[1] => 7

[3] => 6

[4] => 6

[4-3] => 5

[4-1] => 4

[5] => 4

[5-1] => 3

[3-2] => 3

[4-3-2] => 3

[2] => 3

[4-2] => 3

[5-4-1] => 2

[5-4-2-1] => 1

[5-4-3-1] => 1

[4-3-1] => 1

[5-4] => 1

[5-3-2-1] => 1

[3-3-2] => 1

[5-2] => 1

[2-1] => 1

[5-3-2] => 1

[5-2-1] => 1

[5-4-3-2] => 1

[4-3-3] => 1

[4-4-3-1] => 1

[4-4-3] => 1

[4-4-3-2] => 1

[4-4-3-2-1] => 1

[4-4-3-3-2] => 1

[4-4-1] => 1

[5-4-4-3-2-1] => 1

[4-2-1] => 1

[3-2-1] => 1

[4-4] => 1

[3-1] => 1

)

Chart S5 : Cyclosporin A including CycPepCalc data annotation and sequence coverage determination

6 components found.

- 1 MeBmt---(C10H17NO2)
- 2 Ala/Sar---(C3H7NO2)
- 3 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
- 4 Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)
- 5 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
- 6 Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

52 peaks found.

675.48082 - 1 -> 2.5 *A
425.31247 - 0.92380112347846 -> 0.92380112347846
397.28113 - 0.91922492098814 -> 0.91922492098814
449.31247 - 0.27554016332113 -> 0.68885040830283 A
548.38098 - 0.22086598532168 -> 0.55216496330421 A
269.18615 - 0.10736826923386 -> 0.53684134616931 B
703.47587 - 0.10425042872306 -> 0.52125214361528 B
637.46518 - 0.50487998365202 -> 0.50487998365202
524.38097 - 0.47144125199788 -> 0.47144125199788
576.37591 - 0.082682087195327 -> 0.41341043597663 B
368.29097 - 0.40957848626976 -> 0.40957848626976
1071.75508 - 0.12656981109399 -> 0.31642452773498 A
1099.75009 - 0.061086109620763 -> 0.30543054810382 B
694.48664 - 0.30053590271474 -> 0.30053590271474
298.21271 - 0.24685922434337 -> 0.24685922434337
567.38684 - 0.24497595519373 -> 0.24497595519373
1202.84978 - 0.07237268825781 -> 0.21711806477343
477.30748 - 0.042547626381297 -> 0.21273813190649 B
693.49158 - 0.062351098923743 -> 0.18705329677123
323.23313 - 0.17111326569484 -> 0.17111326569484
510.36528 - 0.1433295483238 -> 0.1433295483238
944.65538 - 0.13988765392353 -> 0.13988765392353
806.57573 - 0.046221553833193 -> 0.13866466149958
439.32813 - 0.13010236046002 -> 0.13010236046002
821.58654 - 0.11763730266873 -> 0.11763730266873
496.34963 - 0.1059460305884 -> 0.1059460305884
241.19122 - 0.042257775344841 -> 0.1056444383621 A
326.24403 - 0.090929382141715 -> 0.090929382141715
255.20687 - 0.089787138423348 -> 0.089787138423348
378.27533 - 0.069227365102653 -> 0.069227365102653
598.42903 - 0.067823785508876 -> 0.067823785508876
623.44952 - 0.066014208550731 -> 0.066014208550731
354.27534 - 0.060672450982524 -> 0.060672450982524
552.41224 - 0.060006955622462 -> 0.060006955622462
1184.83946 - 0.18737521482616 -> 0.056212564447848 *
934.67044 - 0.05514398489552 -> 0.05514398489552
817.55511 - 0.050271276061127 -> 0.050271276061127
538.39657 - 0.049959246566078 -> 0.049959246566078
383.26549 - 0.049844333358104 -> 0.049844333358104

312.22837 - 0.04229093978106 -> 0.04229093978106
533.40659 - 0.039726292214556 -> 0.039726292214556
802.58100 - 0.038935723682248 -> 0.038935723682248
562.39658 - 0.038295876036872 -> 0.038295876036872
199.14425 - 0.036260841683419 -> 0.036260841683419
468.31832 - 0.032938155760571 -> 0.032938155760571
618.45942 - 0.031767609284591 -> 0.031767609284591
495.39077 - 0.031736645583954 -> 0.031736645583954
788.56498 - 0.052121820331652 -> 0.015636546099496 *
1185.84227 - 0.11994118961912 -> 0.0011994118961912 I
945.65877 - 0.06618261497361 -> 0.0006618261497361 I
822.59003 - 0.042008738218284 -> 0.00042008738218284 I
704.47949 - 0.033388802096847 -> 0.00033388802096847 I

Input files processing done in 0 ms.

12375 combinations generated in 0.004 ms.

12375 combinations sorted in 0 ms.

Search for any combination mass in peaks:

For 675.48082 (674.47354355) nothing found.

For peak 425.31247 (424.30519355) (type string:) found:

Combination 4-4-3-3 (424.30495444) 0.564 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5 (424.30495444) 0.564 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3 (424.30495444) 0.564 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-3 (424.30495444) 0.564 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-2 (424.30495444) 0.564 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2 (424.30495444) 0.564 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4 (424.30495444) 0.564 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peak 397.28113 (396.27385355) (type string:) found:

Combination 6-4-3-2 (396.27365432) 0.503 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 0.503 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 0.503 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 0.503 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 0.503 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 0.503 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 0.503 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 0.503 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For 449.31247 (448.30519355) nothing found.

For 548.38098 (547.37370355) nothing found.

For 269.18615 (268.17887355) nothing found.

For 703.47587 (702.46859355) nothing found.

For peak 637.46518 (636.45790355) (type string:) found:

Combination 6-5-5-5-4 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-5-4-2 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-5-5 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-4-4-2 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-4-3-2 (636.45743166) 0.741 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-3-3-3 (636.45743166) 0.741 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-4-2-2 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-3 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-4-3-2 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-3 (636.45743166) 0.741 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-4-3 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-5-3 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-4-3-3 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-6-2 (636.45743166) 0.741 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peak 524.38097 (523.37369355) (type string:) found:

Combination 6-6-5-5-5 (523.37336802) 0.622 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-5-3 (523.37336802) 0.622 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3-3 (523.37336802) 0.622 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-3-3 (523.37336802) 0.622 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-2 (523.37336802) 0.622 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-2 (523.37336802) 0.622 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-2 (523.37336802) 0.622 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-3 (523.37336802) 0.622 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-3-2 (523.37336802) 0.622 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-2-2 (523.37336802) 0.622 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4 (523.37336802) 0.622 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For 576.37591 (575.36863355) nothing found.

For peak 368.29097 (367.28369355) (type string:) found:

Combination 6-4-4 (367.28349104) 0.551 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For 1071.75508 (1070.74780355) nothing found.

For 1099.75009 (1098.74281355) nothing found.

For peak 694.48664 (693.47936355) (type string:) found:

Combination 6-6-6-5-5-3-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-5 (693.47889506) 0.676 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-5-5-5-5-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-6-5-3-3-3 (693.47889506) 0.676 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-5-5-5-3-3 (693.47889506) 0.676 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-4-3-3-3-3 (693.47889506) 0.676 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-5-5-5-4-3-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-
 Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-5-5-5-5-3 (693.47889506) 0.676 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)
 Combination 5-4-4-3-3-3-3 (693.47889506) 0.676 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2)
 Combination 6-6-6-6-5-2-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar-
 --(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-5-5-4-4-2-2 (693.47889506) 0.676 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
 Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-4-2 (693.47889506) 0.676 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-3-3-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-4-2-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4-3-3 (693.47889506) 0.676 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-4-2-2-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-3-3-2 (693.47889506) 0.676 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-4-2-2-2 (693.47889506) 0.676 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-3-3-2-2 (693.47889506) 0.676 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-3-3-3 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-3-3-3-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2-2 (693.47889506) 0.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peak 298.21271 (297.20543355) (type string:) found:

Combination 4-3-3 (297.20524074) 0.649 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 0.649 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 0.649 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 0.649 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 0.649 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peak 567.38684 (566.37956355) (type string:) found:

Combination 5-4-4-2-2-2 (566.37918136) 0.675 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-3-3 (566.37918136) 0.675 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-4-3-3-3-2 (566.37918136) 0.675 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-3-3-3-3 (566.37918136) 0.675 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 5-5-4-3-3-2 (566.37918136) 0.675 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-5-4-3-2-2 (566.37918136) 0.675 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-4-2-2-2 (566.37918136) 0.675 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
 (C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-6-3-2-2 (566.37918136) 0.675 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
 (C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-5-3-3-3 (566.37918136) 0.675 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 4-4-3-3-2-2 (566.37918136) 0.675 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-4-3-3-3-3 (566.37918136) 0.675 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2)
 Combination 6-6-5-5-2-2 (566.37918136) 0.675 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-

NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-2 (566.37918136) 0.675 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3-2 (566.37918136) 0.675 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-2 (566.37918136) 0.675 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-2-2 (566.37918136) 0.675 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For 1202.84978 (1201.84250355) nothing found.

For 477.30748 (476.30020355) nothing found.

For 693.49158 (692.48430355) nothing found.

For 323.23313 (322.22585355) nothing found.

For peak 510.36528 (509.35800355) (type string:) found:

Combination 6-6-4-3-2 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-3 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-3 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-2 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3 (509.35771796) 0.561 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-

Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-3-3 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3-2 (509.35771796) 0.561 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-3 (509.35771796) 0.561 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-2 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2 (509.35771796) 0.561 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For 944.65538 (943.64810355) nothing found.

For 806.57573 (805.56845355) nothing found.

For peak 439.32813 (438.32085355) (type string:) found:

Combination 6-6-6-5 (438.3206045) 0.568 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3 (438.3206045) 0.568 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3 (438.3206045) 0.568 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4 (438.3206045) 0.568 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-4-4-2 (438.3206045) 0.568 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peak 821.58654 (820.57926355) (type string:) found:

Combination 6-6-6-5-5-4-3-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-4-3-3-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-4-4-3-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-5-5-5-5 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-5-5-5-4-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-5-5-5-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-4-3-3-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-4-3-3-3-3 (820.57860876) 0.798 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 6-6-4-4-3-3-3-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5-5-5-4 (820.57860876) 0.798 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 5-5-5-5-4-4-3-3 (820.57860876) 0.798 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-5-4-2-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-
Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-5-3-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-4-4-2-2-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-

Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-5-4-3-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-6-3-3-3 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-4-4-2-2 (820.57860876) 0.798 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-4-3-3-2-2 (820.57860876) 0.798 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-4-4-2-2-2 (820.57860876) 0.798 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-4-3-3-2 (820.57860876) 0.798 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-4-3-3-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-4-3-2-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-4-3-2-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-4-4-2-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-4-4-2 (820.57860876) 0.798 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-5-5-4-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-4-3-3-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-6-6-2-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-4-3-3-3-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-5-5-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-6-5-3-2 (820.57860876) 0.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peak 496.34963 (495.34235355) (type string:) found:

Combination 6-6-5-5-2 (495.3420679) 0.577 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2-2 (495.3420679) 0.577 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-2 (495.3420679) 0.577 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3 (495.3420679) 0.577 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-3-3 (495.3420679) 0.577 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-3-3 (495.3420679) 0.577 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5 (495.3420679) 0.577 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3-2 (495.3420679) 0.577 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-2-2 (495.3420679) 0.577 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-2 (495.3420679) 0.577 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-3-3 (495.3420679) 0.577 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-2 (495.3420679) 0.577 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peak 241.19122 (240.18394355) (type string: A) found:

Combination 6-4 (240.18377734) 0.692 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peak 326.24403 (325.23675355) (type string:) found:

Combination 5-5-4 (325.23654086) 0.654 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5 (325.23654086) 0.654 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-3 (325.23654086) 0.654 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-2 (325.23654086) 0.654 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peak 255.20687 (254.19959355) (type string:) found:

Combination 4-4 (254.1994274) 0.654 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For 378.27533 (377.26805355) nothing found.

For 598.42903 (597.42175355) nothing found.

For peak 623.44952 (622.44224355) (type string:) found:

Combination 6-6-5-5-5-5 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-5-4-3 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-5-3 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5-4 (622.4417816) 0.742 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5-5-4-2 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-4-3-3-2 (622.4417816) 0.742 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-2 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-2-2 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-2 (622.4417816) 0.742 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
Combination 6-6-5-4-3-3 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 5-4-4-4-2-2 (622.4417816) 0.742 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 6-4-4-3-3-3 (622.4417816) 0.742 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3-3 (622.4417816) 0.742 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peak 354.27534 (353.26806355) (type string:) found:

Combination 5-4-4 (353.26784098) 0.63 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-4 (353.26784098) 0.63 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2)

For peak 552.41224 (551.40496355) (type string:) found:

Combination 4-4-4-3-3 (551.40466814) 0.536 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-4-3 (551.40466814) 0.536 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-4-2 (551.40466814) 0.536 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-2 (551.40466814) 0.536 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-4 (551.40466814) 0.536 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-6-5 (551.40466814) 0.536 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-4-4-3 (551.40466814) 0.536 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-4 (551.40466814) 0.536 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For 1184.83946 (1183.83218355) nothing found.

For peak 934.67044 (933.66316355) (type string:) found:

Combination 6-5-5-5-4-4-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-5-5-4-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-5-5-5-4-4-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-6-5-4-4-3-3-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
 Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-6-5-5-5-5-5 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 6-6-6-5-5-5-4-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-6-5-5-4-4-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-5-5-5-5-4-4-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-5-5-5-5-5-5-4 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-

Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-6-6-5-5-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-6-6-3-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-4-4-4-3-2 (933.6626724) 0.526 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-5-4-4-3 (933.6626724) 0.526 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-5-4-4-3-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-4-3-3-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-4-4-4-3-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-4-3-3-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-6-5-3-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-4-4-3-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-4-4-3-3-3 (933.6626724) 0.526 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-4-4-3-3-2 (933.6626724) 0.526 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-4-4-3-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-4-3-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-6-5-5-5-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-5-5-5-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-6-6-6-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-4-4-3-2-2 (933.6626724) 0.526 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-4-4-3-2-2-2 (933.6626724) 0.526 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-5-5-4-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-5-5-4-3-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-4-3-3-3-3-3 (933.6626724) 0.526 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-4-4-3-3-3-3 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-4-3-3-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-4-4-2-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-4-4-3-3-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-

Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-6-5-4-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-6-4-3-3-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-
Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-4-4-2-2-2 (933.6626724) 0.526 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar-
--(C3H7NO2)

For 817.55511 (816.54783355) nothing found.

For peak 538.39657 (537.38929355) (type string:) found:

Combination 4-4-4-3-2 (537.38901808) 0.513 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-4 (537.38901808) 0.513 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-5-5 (537.38901808) 0.513 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-4-2 (537.38901808) 0.513 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-2 (537.38901808) 0.513 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-3-3 (537.38901808) 0.513 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3 (537.38901808) 0.513 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-3 (537.38901808) 0.513 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-4-3 (537.38901808) 0.513 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peak 383.26549 (382.25821355) (type string:) found:

Combination 6-5-3-3 (382.25800426) 0.548 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 0.548 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 0.548 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 0.548 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 0.548 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 0.548 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 0.548 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peak 312.22837 (311.22109355) (type string:) found:

Combination 5-4-3 (311.2208908) 0.651 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 0.651 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 0.651 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 0.651 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For 533.40659 (532.39931355) nothing found.

For 802.58100 (801.57372355) nothing found.

For 562.39658 (561.38930355) nothing found.

For peak 199.14425 (198.13697355) (type string:) found:

Combination 4-2 (198.13682716) 0.739 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 0.739 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 0.739 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peak 468.31832 (467.31104355) (type string:) found:

Combination 4-3-3-3-3 (467.31076778) 0.59 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-3-3 (467.31076778) 0.59 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2-2 (467.31076778) 0.59 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-2-2 (467.31076778) 0.59 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-2-2-2 (467.31076778) 0.59 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-3-2 (467.31076778) 0.59 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3-2 (467.31076778) 0.59 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2-2 (467.31076778) 0.59 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-2 (467.31076778) 0.59 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3-2 (467.31076778) 0.59 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3-3 (467.31076778) 0.59 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For 618.45942 (617.45214355) nothing found.

For peak 495.39077 (494.38349355) (type string:) found:

Combination 6-4-4-4 (494.38320474) 0.584 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For 788.56498 (787.55770355) nothing found.

For 1185.84227 (1184.83499355) nothing found.

For 945.65877 (944.65149355) nothing found.

For 822.59003 (821.58275355) nothing found.

For 704.47949 (703.47221355) nothing found.

First step done in 0 ms.

Search for combination mass in peak differences:

For peaks 1202.84978() and 934.67044 () (difference 268.17934) found:

Combination 3-1 (268.17814352) 4.461 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ MeBmt---(C10H17NO2)

For peaks 1202.84978() and 821.58654 () (difference 381.26324) found:

Combination 6-3-1 (381.26220716) 2.709 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ MeBmt---(C10H17NO2)

Combination 5-5-1 (381.26220716) 2.709 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ MeBmt---(C10H17NO2)

Combination 4-2-1 (381.26220716) 2.709 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ MeBmt---(C10H17NO2)

For peaks 1202.84978() and 806.57573 () (difference 396.27405) found:

Combination 6-4-3-2 (396.27365432) 0.999 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 0.999 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 0.999 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 0.999 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 0.999 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 0.999 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 0.999 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 0.999 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1202.84978() and 694.48664 () (difference 508.36314) found:

Combination 5-5-4-1 (508.36192086) 2.398 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ MeBmt---(C10H17NO2)

Combination 6-6-5-1 (508.36192086) 2.398 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ MeBmt---(C10H17NO2)

Combination 6-4-3-1 (508.36192086) 2.398 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ MeBmt---(C10H17NO2)

Combination 4-4-2-1 (508.36192086) 2.398 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ MeBmt---(C10H17NO2)

For peaks 1202.84978() and 693.49158 () (difference 509.3582) found:

Combination 6-6-4-3-2 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-3 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-3 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-2 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3 (509.35771796) 0.946 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-3-3 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3-2 (509.35771796) 0.946 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-3 (509.35771796) 0.946 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-2 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2 (509.35771796) 0.946 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1185.84227(I) and 945.65877 (I) (difference 240.1835) found:

Combination 6-4 (240.18377734) 1.155 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 1184.83946(*) and 1071.75508 (A) (difference 113.08438) found:

Combination 6 (113.08406364) 2.798 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 1184.83946(*) and 944.65538 () (difference 240.18408) found:

Combination 6-4 (240.18377734) 1.26 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 1184.83946(*) and 817.55511 () (difference 367.28435) found:

Combination 6-4-4 (367.28349104) 2.339 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 1184.83946(*) and 802.58100 () (difference 382.25846) found:

Combination 6-5-3-3 (382.25800426) 1.192 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 1.192 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 1.192 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 1.192 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 1.192 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 1.192 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 1.192 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1184.83946(*) and 788.56498 (*) (difference 396.27448) found:

Combination 6-4-3-2 (396.27365432) 2.084 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 2.084 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 2.084 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 2.084 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 2.084 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 2.084 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 2.084 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 2.084 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1184.83946(*) and 675.48082 (*A) (difference 509.35864) found:

Combination 6-6-4-3-2 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-3 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-

NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-3 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-2 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3 (509.35771796) 1.81 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-3-3 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3-2 (509.35771796) 1.81 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-3 (509.35771796) 1.81 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-2 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2 (509.35771796) 1.81 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1184.83946(*) and 618.45942 () (difference 566.38004) found:

Combination 5-4-4-2-2-2 (566.37918136) 1.516 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-5-5-5-3-3 (566.37918136) 1.516 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-4-3-3-3-2 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-3-3-3-3 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 5-5-4-3-3-2 (566.37918136) 1.516 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-4-3-2-2 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-4-2-2-2 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-6-3-2-2 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-5-3-3-3 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 4-4-3-3-2-2 (566.37918136) 1.516 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-4-3-3-3-3 (566.37918136) 1.516 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~

Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-2-2 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-2 (566.37918136) 1.516 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3-2 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-2 (566.37918136) 1.516 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-2-2 (566.37918136) 1.516 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1184.83946(*) and 562.39658 () (difference 622.44288) found:

Combination 6-6-5-5-5-5 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-5-4-3 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-5-3 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5-4 (622.4417816) 1.765 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5-5-4-2 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-4-3-3-2 (622.4417816) 1.765 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-2 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-2-2 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-2 (622.4417816) 1.765 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-3-3 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-4-2-2 (622.4417816) 1.765 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-

NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 6-4-4-3-3-3 (622.4417816) 1.765 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3-3 (622.4417816) 1.765 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1184.83946(*) and 548.38098 (A) (difference 636.45848) found:

Combination 6-5-5-5-5-4 (636.45743166) 1.647 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-5-4-2 (636.45743166) 1.647 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-5-5 (636.45743166) 1.647 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-4-4-2 (636.45743166) 1.647 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-4-3-2 (636.45743166) 1.647 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-3-3-3 (636.45743166) 1.647 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-4-2-2 (636.45743166) 1.647 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-3 (636.45743166) 1.647 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-4-3-2 (636.45743166) 1.647 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-3 (636.45743166) 1.647 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-4-3 (636.45743166) 1.647 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-5-3 (636.45743166) 1.647 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-4-3-3 (636.45743166) 1.647 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-6-2 (636.45743166) 1.647 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1184.83946(*) and 533.40659 () (difference 651.43287) found:

Combination 5-5-5-4-3-2-2 (651.43194488) 1.42 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-3-3-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-3-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-3-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-3-3-3-2 (651.43194488) 1.42 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-3-3-3-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-5-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-3-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-2-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3-3-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-3-2-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 6-4-4-2-2-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 6-6-3-3-3-3-3 (651.43194488) 1.42 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5-3-2 (651.43194488) 1.42 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-3-3-3-3 (651.43194488) 1.42 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-3-3-3-3 (651.43194488) 1.42 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-3-2-2-2 (651.43194488) 1.42 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-2-2-2 (651.43194488) 1.42 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3-2-2 (651.43194488) 1.42 ppm - Me-Leu/Me-
Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-
Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-
3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~

Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-3-3-3 (651.43194488) 1.42 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1099.75009(B) and 817.55511 () (difference 282.19498) found:
Combination 5-1 (282.19379358) 4.204 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ MeBmt---(C10H17NO2)

For peaks 1099.75009(B) and 703.47587 (B) (difference 396.27422) found:
Combination 6-4-3-2 (396.27365432) 1.427 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 1.427 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 1.427 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 1.427 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 1.427 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 1.427 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 1.427 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 1.427 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1099.75009(B) and 576.37591 (B) (difference 523.37418) found:
Combination 6-6-5-5-5 (523.37336802) 1.551 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 6-6-6-5-3 (523.37336802) 1.551 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-4-3-3 (523.37336802) 1.551 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
 3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 5-4-4-3-3 (523.37336802) 1.551 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-6-6-2 (523.37336802) 1.551 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-6-5-4-2 (523.37336802) 1.551 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 5-5-4-4-2 (523.37336802) 1.551 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-5-4-3 (523.37336802) 1.551 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-4-4-3-2 (523.37336802) 1.551 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 4-4-4-2-2 (523.37336802) 1.551 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 5-5-5-5-4 (523.37336802) 1.551 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 1099.75009(B) and 477.30748 (B) (difference 622.44261) found:

Combination 6-6-5-5-5-5 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-5-4-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-5-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5-4 (622.4417816) 1.331 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5-5-4-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-4-3-3-2 (622.4417816) 1.331 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-2-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-2 (622.4417816) 1.331 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
Combination 6-6-5-4-3-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 5-4-4-4-2-2 (622.4417816) 1.331 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 6-4-4-3-3-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3-3 (622.4417816) 1.331 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1071.75508(A) and 944.65538 () (difference 127.0997) found:

Combination 4 (127.0997137) 0.108 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 1071.75508(A) and 817.55511 () (difference 254.19997) found:

Combination 4-4 (254.1994274) 2.135 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 1071.75508(A) and 802.58100 () (difference 269.17408) found:

Combination 6-3-2 (269.17394062) 0.518 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 0.518 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 0.518 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 0.518 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1071.75508(A) and 788.56498 (*) (difference 283.1901) found:

Combination 6-3-3 (283.18959068) 1.799 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-2 (283.18959068) 1.799 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-3-2 (283.18959068) 1.799 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3 (283.18959068) 1.799 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1071.75508(A) and 675.48082 (*A) (difference 396.27426) found:

Combination 6-4-3-2 (396.27365432) 1.528 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 1.528 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 1.528 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 1.528 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 1.528 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 1.528 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 1.528 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 1.528 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1071.75508(A) and 618.45942 () (difference 453.29566) found:

Combination 5-5-3-3-3 (453.29511772) 1.196 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-3-2 (453.29511772) 1.196 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3-3 (453.29511772) 1.196 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3-2 (453.29511772) 1.196 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2-2 (453.29511772) 1.196 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2-2 (453.29511772) 1.196 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-2-2 (453.29511772) 1.196 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3-2 (453.29511772) 1.196 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-2-2-2 (453.29511772) 1.196 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1071.75508(A) and 562.39658 () (difference 509.3585) found:

Combination 6-6-4-3-2 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-

NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-3 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-3 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-2 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3 (509.35771796) 1.535 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-3-3 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3-2 (509.35771796) 1.535 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-3 (509.35771796) 1.535 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-2 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2 (509.35771796) 1.535 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1071.75508(A) and 548.38098 (A) (difference 523.3741) found:

Combination 6-6-5-5-5 (523.37336802) 1.399 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-5-3 (523.37336802) 1.399 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3-3 (523.37336802) 1.399 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-3-3 (523.37336802) 1.399 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-2 (523.37336802) 1.399 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-2 (523.37336802) 1.399 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-2 (523.37336802) 1.399 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-3 (523.37336802) 1.399 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-3-2 (523.37336802) 1.399 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-2-2 (523.37336802) 1.399 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4 (523.37336802) 1.399 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 1071.75508(A) and 533.40659 () (difference 538.34849) found:

Combination 6-5-3-3-3-2 (538.34788124) 1.131 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-3-3-3-3-2 (538.34788124) 1.131 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-3-2-2 (538.34788124) 1.131 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-2-2-2-2 (538.34788124) 1.131 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-2-2-2 (538.34788124) 1.131 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 5-5-4-2-2-2 (538.34788124) 1.131 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3-3-3 (538.34788124) 1.131 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-3-3-2 (538.34788124) 1.131 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-2-2 (538.34788124) 1.131 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-3-3-2-2 (538.34788124) 1.131 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---

(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2-2-2 (538.34788124) 1.131 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3-3-3 (538.34788124) 1.131 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-3-2-2 (538.34788124) 1.131 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 1071.75508(A) and 449.31247 (A) (difference 622.44261) found:

Combination 6-6-5-5-5-5 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-5-4-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-5-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5-4 (622.4417816) 1.331 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5-5-4-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 4-4-4-3-3-2 (622.4417816) 1.331 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-2-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-2 (622.4417816) 1.331 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-3-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 5-4-4-4-2-2 (622.4417816) 1.331 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 6-4-4-3-3-3 (622.4417816) 1.331 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3-3 (622.4417816) 1.331 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 1071.75508(A) and 378.27533 () (difference 693.47975) found:

Combination 6-6-6-5-5-3-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-5-5 (693.47889506) 1.233 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-5-5-5-5-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-3-3-3 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-5-3-3 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3-3-3-3 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-4-3-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-
Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-5-5-3 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-

Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-3-3-3-3 (693.47889506) 1.233 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 6-6-6-6-5-2-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar-
---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-2-2 (693.47889506) 1.233 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-4-2 (693.47889506) 1.233 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-3-3-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-4-2-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4-3-3 (693.47889506) 1.233 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-4-2-2-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-3-3-2 (693.47889506) 1.233 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-4-2-2-2 (693.47889506) 1.233 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-3-3-2-2 (693.47889506) 1.233 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-3-3-3 (693.47889506) 1.233 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-3-3-3-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2-2 (693.47889506) 1.233 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 944.65538() and 817.55511 () (difference 127.10027) found:

Combination 4 (127.0997137) 4.377 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 944.65538() and 802.58100 () (difference 142.07438) found:

Combination 2-2 (142.07422692) 1.077 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 944.65538() and 788.56498 (*) (difference 156.0904) found:

Combination 3-2 (156.08987698) 3.351 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 944.65538() and 675.48082 (*A) (difference 269.17456) found:

Combination 6-3-2 (269.17394062) 2.301 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 2.301 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 2.301 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 2.301 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 944.65538() and 618.45942 () (difference 326.19596) found:

Combination 3-3-3-2 (326.19540402) 1.704 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2-2 (326.19540402) 1.704 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-2-2 (326.19540402) 1.704 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 944.65538() and 562.39658 () (difference 382.2588) found:

Combination 6-5-3-3 (382.25800426) 2.082 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 2.082 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 2.082 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 2.082 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 2.082 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 2.082 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 2.082 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2)

For peaks 944.65538() and 548.38098 (A) (difference 396.2744) found:

Combination 6-4-3-2 (396.27365432) 1.882 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 1.882 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 1.882 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 1.882 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 1.882 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 1.882 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 1.882 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 1.882 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 944.65538() and 533.40659 () (difference 411.24879) found:

Combination 3-3-3-3-2 (411.24816754) 1.514 ppm - Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-2-2-2 (411.24816754) 1.514 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-2-2-2 (411.24816754) 1.514 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2-2-2 (411.24816754) 1.514 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3-2-2 (411.24816754) 1.514 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 944.65538() and 449.31247 (A) (difference 495.34291) found:

Combination 6-6-5-5-2 (495.3420679) 1.7 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2-2 (495.3420679) 1.7 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-2 (495.3420679) 1.7 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3 (495.3420679) 1.7 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-3-3 (495.3420679) 1.7 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-3-3 (495.3420679) 1.7 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5 (495.3420679) 1.7 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3-2 (495.3420679) 1.7 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-2-2 (495.3420679) 1.7 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-2 (495.3420679) 1.7 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-3-3 (495.3420679) 1.7 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-2 (495.3420679) 1.7 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 821.58654 () (difference 113.0839) found:

Combination 6 (113.08406364) 1.447 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 934.67044() and 694.48664 () (difference 240.1838) found:

Combination 6-4 (240.18377734) 0.094 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 934.67044() and 637.46518 () (difference 297.20526) found:

Combination 4-3-3 (297.20524074) 0.065 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 0.065 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 0.065 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 0.065 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 0.065 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 623.44952 () (difference 311.22092) found:

Combination 5-4-3 (311.2208908) 0.094 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 0.094 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 0.094 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 0.094 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 567.38684 () (difference 367.2836) found:

Combination 6-4-4 (367.28349104) 0.297 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 934.67044() and 552.41224 () (difference 382.2582) found:

Combination 6-5-3-3 (382.25800426) 0.512 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 0.512 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 0.512 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 0.512 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 0.512 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 0.512 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 0.512 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 538.39657 () (difference 396.27387) found:

Combination 6-4-3-2 (396.27365432) 0.544 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 0.544 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 0.544 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-5-2 (396.27365432) 0.544 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Ala/Sar---(C3H7NO2)
 Combination 5-5-5-5 (396.27365432) 0.544 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 4-4-2-2 (396.27365432) 0.544 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-5-5-3 (396.27365432) 0.544 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 5-4-3-3 (396.27365432) 0.544 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 934.67044() and 524.38097 () (difference 410.28947) found:

Combination 6-6-6-2 (410.28930438) 0.404 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 4-4-3-2 (410.28930438) 0.404 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-4-2 (410.28930438) 0.404 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-4-3-3 (410.28930438) 0.404 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-5-3 (410.28930438) 0.404 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-5-5-5 (410.28930438) 0.404 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 5-5-4-3 (410.28930438) 0.404 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 934.67044() and 510.36528 () (difference 424.30516) found:

Combination 4-4-3-3 (424.30495444) 0.484 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5 (424.30495444) 0.484 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3 (424.30495444) 0.484 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-3 (424.30495444) 0.484 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-2 (424.30495444) 0.484 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2 (424.30495444) 0.484 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4 (424.30495444) 0.484 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 934.67044() and 496.34963 () (difference 438.32081) found:

Combination 6-6-6-5 (438.3206045) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3 (438.3206045) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3 (438.3206045) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4 (438.3206045) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-4-4-2 (438.3206045) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-

Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 495.39077 () (difference 439.27967) found:

Combination 6-5-3-2-2 (439.27946766) 0.461 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3-3-3 (439.27946766) 0.461 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 4-3-3-2-2 (439.27946766) 0.461 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3-2 (439.27946766) 0.461 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3-2 (439.27946766) 0.461 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-2-2-2 (439.27946766) 0.461 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 5-4-2-2-2 (439.27946766) 0.461 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-2-2 (439.27946766) 0.461 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 468.31832 () (difference 466.35212) found:

Combination 4-4-4-3 (466.35190462) 0.462 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-4 (466.35190462) 0.462 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2)

Combination 6-5-4-4 (466.35190462) 0.462 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-

NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 934.67044() and 439.32813 () (difference 495.34231) found:

Combination 6-6-5-5-2 (495.3420679) 0.489 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2-2 (495.3420679) 0.489 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-2 (495.3420679) 0.489 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3 (495.3420679) 0.489 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-3-3 (495.3420679) 0.489 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-3-3 (495.3420679) 0.489 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5 (495.3420679) 0.489 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3-2 (495.3420679) 0.489 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-2-2 (495.3420679) 0.489 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-2 (495.3420679) 0.489 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-3-3 (495.3420679) 0.489 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-

Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-2 (495.3420679) 0.489 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 425.31247 () (difference 509.35797) found:

Combination 6-6-4-3-2 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-3 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-3 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-2 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3 (509.35771796) 0.495 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-3-3 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3-2 (509.35771796) 0.495 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-3 (509.35771796) 0.495 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-2 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2 (509.35771796) 0.495 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 397.28113 () (difference 537.38931) found:

Combination 4-4-4-3-2 (537.38901808) 0.543 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-4 (537.38901808) 0.543 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-5-5 (537.38901808) 0.543 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-4-2 (537.38901808) 0.543 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-2 (537.38901808) 0.543 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-3-3 (537.38901808) 0.543 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3 (537.38901808) 0.543 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-3 (537.38901808) 0.543 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-4-3 (537.38901808) 0.543 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 934.67044() and 383.26549 () (difference 551.40495) found:

Combination 4-4-4-3-3 (551.40466814) 0.511 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-4-3 (551.40466814) 0.511 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-4-2 (551.40466814) 0.511 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-2 (551.40466814) 0.511 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-4 (551.40466814) 0.511 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-6-5 (551.40466814) 0.511 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-4-4-3 (551.40466814) 0.511 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-4 (551.40466814) 0.511 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 934.67044() and 368.29097 () (difference 566.37947) found:

Combination 5-4-4-2-2-2 (566.37918136) 0.51 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
 Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-3-3 (566.37918136) 0.51 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-3-3-3-2 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3-3-3 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
 3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-3-3-2 (566.37918136) 0.51 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-2-2 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
 (C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-2-2-2 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar-
 --(C3H7NO2)

Combination 6-6-6-3-2-2 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3-3-3 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-3-3-2-2 (566.37918136) 0.51 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-3-3-3 (566.37918136) 0.51 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~

Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 6-6-5-5-2-2 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-2 (566.37918136) 0.51 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3-2 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-2 (566.37918136) 0.51 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-2-2 (566.37918136) 0.51 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 354.27534 () (difference 580.3951) found:

Combination 6-5-5-5-5-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-3-2-2 (580.39483142) 0.463 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-3-2-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-3 (580.39483142) 0.463 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-3-3-3 (580.39483142) 0.463 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-3-3-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-3 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
 3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-3-3-3-3 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-3-2 (580.39483142) 0.463 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-2-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
 (C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-3-3-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
 3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-2-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2-2 (580.39483142) 0.463 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
 (C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3-2 (580.39483142) 0.463 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3-3 (580.39483142) 0.463 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 934.67044() and 326.24403 () (difference 608.42641) found:

Combination 5-4-4-3-3-3 (608.42613154) 0.458 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-5-3 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-4-3-2-2 (608.42613154) 0.458 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-2-2 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-5-2 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-2-2 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-3-3-3 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-4-2 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-

Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-5-5 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-5-3-3 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-3-3 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-4-3-2 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-3-2 (608.42613154) 0.458 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-3-3-2 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-3-2 (608.42613154) 0.458 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4-3 (608.42613154) 0.458 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 934.67044() and 312.22837 () (difference 622.44207) found:

Combination 6-6-5-5-5-5 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 6-5-5-5-4-3 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-6-5-5-3 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)
 Combination 5-5-5-5-5-4 (622.4417816) 0.463 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)
 Combination 6-6-5-5-4-2 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-6-6-3-3 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2)
 Combination 4-4-4-3-3-2 (622.4417816) 0.463 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-6-6-6-5-2 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-4-4-2-2 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-5-5-4-4-2 (622.4417816) 0.463 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
Combination 6-6-5-4-3-3 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-4-2-2 (622.4417816) 0.463 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-3-3-3 (622.4417816) 0.463 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3-3 (622.4417816) 0.463 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 934.67044() and 298.21271 () (difference 636.45773) found:

Combination 6-5-5-5-5-4 (636.45743166) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-5-4-2 (636.45743166) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-5-5 (636.45743166) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-

NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 6-5-5-4-4-2 (636.45743166) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
 (C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
 (C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-4-4-4-3-2 (636.45743166) 0.469 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 4-4-4-3-3-3 (636.45743166) 0.469 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-4-4-4-2-2 (636.45743166) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
 (C3H7NO2)
 Combination 6-5-4-4-3-3 (636.45743166) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-4-4-3-2 (636.45743166) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-5-5-4-4-3 (636.45743166) 0.469 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-5-5-4-3 (636.45743166) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-6-6-5-3 (636.45743166) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-

Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-4-3-3 (636.45743166) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-2 (636.45743166) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 255.20687 () (difference 679.46357) found:

Combination 6-6-6-4-2-2-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-3-3-3 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-3-3 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3-3-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-3 (679.463245) 0.478 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-2-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-2-2-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-3-3-3-2 (679.463245) 0.478 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-3-3-3-3 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-3-3-3-3-3 (679.463245) 0.478 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-4-2-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-3-3-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-3-3-3 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5-5-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-3-2-2-2 (679.463245) 0.478 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-

Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-5-3-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-3-2-2 (679.463245) 0.478 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-3-2-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4-3-2 (679.463245) 0.478 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-2-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-3-3-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-3-3-2-2 (679.463245) 0.478 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-3-3-3 (679.463245) 0.478 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 934.67044() and 241.19122 (A) (difference 693.47922) found:

Combination 6-6-6-5-5-3-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-5-5 (693.47889506) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-5-5-5-5-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-3-3-3 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-5-3-3 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3-3-3-3 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-4-3-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-5-5-3 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-3-3-3-3 (693.47889506) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-5-2-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-2-2 (693.47889506) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-4-2 (693.47889506) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-3-3-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-4-2-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4-3-3 (693.47889506) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-4-2-2-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-

Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-3-3-2 (693.47889506) 0.469 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-4-2-2-2 (693.47889506) 0.469 ppm -

Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-3-3-2-2 (693.47889506) 0.469 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-3-3-3 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-3-3-3-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2-2 (693.47889506) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 934.67044() and 199.14425 () (difference 735.52619) found:

Combination 6-6-6-5-5-5-5 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-5-5-4-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-4-3-3 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5-4 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-5-5-5-4-4-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-4-3-3-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-4-3-2 (735.52584524) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-4-3-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-4-3-3-3 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-4-4-3-2-2 (735.52584524) 0.469 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-6-5-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-4-3-3-3 (735.52584524) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-4-4-2-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-6-3-3 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-5-4-3 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-4-4-3-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-4-3-3 (735.52584524) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-4-4-3 (735.52584524) 0.469 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-4-4-2-2 (735.52584524) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-5-3 (735.52584524) 0.469 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)

For peaks 821.58654() and 694.48664 () (difference 127.0999) found:
 Combination 4 (127.0997137) 1.466 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 821.58654() and 637.46518 () (difference 184.12136) found:
 Combination 6-2 (184.1211771) 0.993 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-3 (184.1211771) 0.993 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 821.58654() and 623.44952 () (difference 198.13702) found:
 Combination 4-2 (198.13682716) 0.973 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-5 (198.13682716) 0.973 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2)
 Combination 6-3 (198.13682716) 0.973 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2)

For peaks 821.58654() and 567.38684 () (difference 254.1997) found:
 Combination 4-4 (254.1994274) 1.072 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 821.58654() and 552.41224 () (difference 269.1743) found:
 Combination 6-3-2 (269.17394062) 1.335 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-3-3 (269.17394062) 1.335 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 1.335 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 1.335 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 538.39657 () (difference 283.18997) found:

Combination 6-3-3 (283.18959068) 1.339 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-2 (283.18959068) 1.339 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-3-2 (283.18959068) 1.339 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3 (283.18959068) 1.339 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 821.58654() and 524.38097 () (difference 297.20557) found:

Combination 4-3-3 (297.20524074) 1.108 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 1.108 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 1.108 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 1.108 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 1.108 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 510.36528 () (difference 311.22126) found:

Combination 5-4-3 (311.2208908) 1.186 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 1.186 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 1.186 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 1.186 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 496.34963 () (difference 325.23691) found:

Combination 5-5-4 (325.23654086) 1.135 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5 (325.23654086) 1.135 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-3 (325.23654086) 1.135 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-2 (325.23654086) 1.135 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 495.39077 () (difference 326.19577) found:

Combination 3-3-3-2 (326.19540402) 1.122 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2-2 (326.19540402) 1.122 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-2-2 (326.19540402) 1.122 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 468.31832 () (difference 353.26822) found:

Combination 5-4-4 (353.26784098) 1.073 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-4 (353.26784098) 1.073 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 821.58654() and 439.32813 () (difference 382.25841) found:

Combination 6-5-3-3 (382.25800426) 1.061 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 1.061 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 1.061 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 1.061 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 1.061 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 1.061 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 1.061 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2)

For peaks 821.58654() and 425.31247 () (difference 396.27407) found:

Combination 6-4-3-2 (396.27365432) 1.049 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 1.049 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 1.049 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 1.049 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 1.049 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 1.049 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 1.049 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 1.049 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 821.58654() and 397.28113 () (difference 424.30541) found:

Combination 4-4-3-3 (424.30495444) 1.074 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5 (424.30495444) 1.074 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3 (424.30495444) 1.074 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-3 (424.30495444) 1.074 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-2 (424.30495444) 1.074 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2 (424.30495444) 1.074 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4 (424.30495444) 1.074 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 821.58654() and 383.26549 () (difference 438.32105) found:

Combination 6-6-6-5 (438.3206045) 1.016 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3 (438.3206045) 1.016 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3 (438.3206045) 1.016 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4 (438.3206045) 1.016 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-4-4-2 (438.3206045) 1.016 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 368.29097 () (difference 453.29557) found:

Combination 5-5-3-3-3 (453.29511772) 0.998 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-3-2 (453.29511772) 0.998 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3-3 (453.29511772) 0.998 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3-2 (453.29511772) 0.998 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2-2 (453.29511772) 0.998 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2-2 (453.29511772) 0.998 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-2-2 (453.29511772) 0.998 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3-2 (453.29511772) 0.998 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-2-2-2 (453.29511772) 0.998 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 354.27534 () (difference 467.3112) found:

Combination 4-3-3-3-3 (467.31076778) 0.925 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-3-3 (467.31076778) 0.925 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2-2 (467.31076778) 0.925 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-2-2 (467.31076778) 0.925 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-2-2-2 (467.31076778) 0.925 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-3-2 (467.31076778) 0.925 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3-2 (467.31076778) 0.925 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2-2 (467.31076778) 0.925 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-2 (467.31076778) 0.925 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3-2 (467.31076778) 0.925 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3-3 (467.31076778) 0.925 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 821.58654() and 326.24403 () (difference 495.34251) found:

Combination 6-6-5-5-2 (495.3420679) 0.893 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2-2 (495.3420679) 0.893 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-2 (495.3420679) 0.893 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3 (495.3420679) 0.893 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-3-3 (495.3420679) 0.893 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-

NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 5-5-4-3-3 (495.3420679) 0.893 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5 (495.3420679) 0.893 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3-2 (495.3420679) 0.893 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-2-2 (495.3420679) 0.893 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-2 (495.3420679) 0.893 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-4-3-3-3 (495.3420679) 0.893 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-2 (495.3420679) 0.893 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 312.22837 () (difference 509.35817) found:

Combination 6-6-4-3-2 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2)

Combination 6-5-4-3-3 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5-3 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-2 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3 (509.35771796) 0.887 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-3-3 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5-5 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3-2 (509.35771796) 0.887 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-3 (509.35771796) 0.887 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4-2 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2 (509.35771796) 0.887 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 298.21271 () (difference 523.37383) found:

Combination 6-6-5-5-5 (523.37336802) 0.883 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-5-3 (523.37336802) 0.883 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3-3 (523.37336802) 0.883 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-3-3 (523.37336802) 0.883 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-2 (523.37336802) 0.883 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-2 (523.37336802) 0.883 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-4-4-2 (523.37336802) 0.883 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-3 (523.37336802) 0.883 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-4-3-2 (523.37336802) 0.883 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-4-2-2 (523.37336802) 0.883 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-4 (523.37336802) 0.883 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 821.58654() and 255.20687 () (difference 566.37967) found:

Combination 5-4-4-2-2-2 (566.37918136) 0.863 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-3-3 (566.37918136) 0.863 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-4-3-3-3-2 (566.37918136) 0.863 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-3-3-3-3 (566.37918136) 0.863 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 5-5-4-3-3-2 (566.37918136) 0.863 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-5-4-3-2-2 (566.37918136) 0.863 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-4-2-2-2 (566.37918136) 0.863 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
 (C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-6-3-2-2 (566.37918136) 0.863 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
 (C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-5-5-3-3-3 (566.37918136) 0.863 ppm - Leu/Ile/NMe-
 Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 4-4-3-3-2-2 (566.37918136) 0.863 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-4-3-3-3-3 (566.37918136) 0.863 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2)

Combination 6-6-5-5-2-2 (566.37918136) 0.863 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-2 (566.37918136) 0.863 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3-2 (566.37918136) 0.863 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-2 (566.37918136) 0.863 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-2-2 (566.37918136) 0.863 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 821.58654() and 241.19122 (A) (difference 580.39532) found:

Combination 6-5-5-5-5-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-3-2-2 (580.39483142) 0.842 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-4-3-2-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5-5-3 (580.39483142) 0.842 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-3-3-3 (580.39483142) 0.842 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-

aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-3-3-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-5-3-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-3-3-3 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-3-3-3-3 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-4-3-2 (580.39483142) 0.842 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-4-2-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-3-3-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-5-2-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-2-2-2 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-3-3-2 (580.39483142) 0.842 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3-3 (580.39483142) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 821.58654() and 199.14425 () (difference 622.44229) found:

Combination 6-6-5-5-5-5 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-5-5-5-4-3 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-5-5-3 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-5-5-5-4 (622.4417816) 0.817 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5-5-4-2 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-3-3 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-4-3-3-2 (622.4417816) 0.817 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-6-5-2 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
Combination 6-6-4-4-2-2 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4-4-2 (622.4417816) 0.817 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-4-3-3 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-4-4-2-2 (622.4417816) 0.817 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-6-4-3-2 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-3-2 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-3-3-3 (622.4417816) 0.817 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3-3 (622.4417816) 0.817 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 817.55511() and 675.48082 (*A) (difference 142.07429) found:
Combination 2-2 (142.07422692) 0.444 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 817.55511() and 562.39658 () (difference 255.15853) found:

Combination 3-3-3 (255.15829056) 0.938 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-3-2 (255.15829056) 0.938 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2 (255.15829056) 0.938 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 817.55511() and 548.38098 (A) (difference 269.17413) found:

Combination 6-3-2 (269.17394062) 0.704 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 0.704 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 0.704 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 0.704 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 817.55511() and 533.40659 () (difference 284.14852) found:

Combination 2-2-2-2 (284.14845384) 0.233 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 817.55511() and 449.31247 (A) (difference 368.24264) found:

Combination 4-3-3-2 (368.2423542) 0.776 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3 (368.2423542) 0.776 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-2 (368.2423542) 0.776 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3 (368.2423542) 0.776 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2-2 (368.2423542) 0.776 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-2-2 (368.2423542) 0.776 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-2 (368.2423542) 0.776 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 817.55511() and 378.27533 () (difference 439.27978) found:

Combination 6-5-3-2-2 (439.27946766) 0.711 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3-3-3 (439.27946766) 0.711 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-2-2 (439.27946766) 0.711 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3-2 (439.27946766) 0.711 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3-2 (439.27946766) 0.711 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-2-2-2 (439.27946766) 0.711 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-2-2-2 (439.27946766) 0.711 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-2-2 (439.27946766) 0.711 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 806.57573() and 693.49158 () (difference 113.08415) found:

Combination 6 (113.08406364) 0.764 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 806.57573() and 623.44952 () (difference 183.12621) found:

Combination 1 (183.12538) 4.532 ppm - MeBmt---(C10H17NO2)

For peaks 806.57573() and 269.18615 (B) (difference 537.38958) found:

Combination 4-4-4-3-2 (537.38901808) 1.046 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-4 (537.38901808) 1.046 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6-5-5 (537.38901808) 1.046 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-4-2 (537.38901808) 1.046 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-4-2 (537.38901808) 1.046 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-4-3-3 (537.38901808) 1.046 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-4-3 (537.38901808) 1.046 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-6-6-3 (537.38901808) 1.046 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-4-3 (537.38901808) 1.046 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 802.58100() and 675.48082 (*A) (difference 127.10018) found:

Combination 4 (127.0997137) 3.669 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 802.58100() and 618.45942 () (difference 184.12158) found:

Combination 6-2 (184.1211771) 2.188 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 2.188 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 802.58100() and 562.39658 () (difference 240.18442) found:

Combination 6-4 (240.18377734) 2.676 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 802.58100() and 548.38098 (A) (difference 254.20002) found:

Combination 4-4 (254.1994274) 2.331 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 802.58100() and 533.40659 () (difference 269.17441) found:

Combination 6-3-2 (269.17394062) 1.744 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 1.744 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 1.744 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 1.744 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 802.58100() and 449.31247 (A) (difference 353.26853) found:

Combination 5-4-4 (353.26784098) 1.95 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-4 (353.26784098) 1.95 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 802.58100() and 378.27533 () (difference 424.30567) found:

Combination 4-4-3-3 (424.30495444) 1.686 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5 (424.30495444) 1.686 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3 (424.30495444) 1.686 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-3 (424.30495444) 1.686 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-2 (424.30495444) 1.686 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2 (424.30495444) 1.686 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4 (424.30495444) 1.686 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 788.56498(*) and 675.48082 (*A) (difference 113.08416) found:

Combination 6 (113.08406364) 0.852 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 788.56498(*) and 618.45942 () (difference 170.10556) found:

Combination 5-2 (170.10552704) 0.194 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3 (170.10552704) 0.194 ppm - Abu/Aib/D-3OMe-Ala/NMe-
Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 788.56498(*) and 562.39658 () (difference 226.1684) found:

Combination 5-4 (226.16812728) 1.206 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6 (226.16812728) 1.206 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2)

For peaks 788.56498(*) and 548.38098 (A) (difference 240.184) found:

Combination 6-4 (240.18377734) 0.927 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 788.56498(*) and 533.40659 () (difference 255.15839) found:

Combination 3-3-3 (255.15829056) 0.39 ppm - Abu/Aib/D-3OMe-Ala/NMe-
Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 5-3-2 (255.15829056) 0.39 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-2-2 (255.15829056) 0.39 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
(C3H7NO2)

For peaks 788.56498(*) and 449.31247 (A) (difference 339.25251) found:

Combination 6-5-4 (339.25219092) 0.941 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2)

Combination 6-6-6 (339.25219092) 0.941 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2)

Combination 4-4-3 (339.25219092) 0.941 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 788.56498(*) and 378.27533 () (difference 410.28965) found:

Combination 6-6-6-2 (410.28930438) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-4-3-2 (410.28930438) 0.842 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-2 (410.28930438) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-3-3 (410.28930438) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-3 (410.28930438) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-5 (410.28930438) 0.842 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-5-4-3 (410.28930438) 0.842 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 703.47587(B) and 576.37591 (B) (difference 127.09996) found:

Combination 4 (127.0997137) 1.938 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 703.47587(B) and 477.30748 (B) (difference 226.16839) found:

Combination 5-4 (226.16812728) 1.162 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6 (226.16812728) 1.162 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 694.48664() and 623.44952 () (difference 71.03712) found:

Combination 2 (71.03711346) 0.092 ppm - Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 567.38684 () (difference 127.0998) found:

Combination 4 (127.0997137) 0.679 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 694.48664() and 552.41224 () (difference 142.0744) found:
 Combination 2-2 (142.07422692) 1.218 ppm - Ala/Sar---(C3H7NO2) ~
 Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 538.39657 () (difference 156.09007) found:
 Combination 3-2 (156.08987698) 1.237 ppm - Abu/Aib/D-3OMe-Ala/NMe-
 Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 524.38097 () (difference 170.10567) found:
 Combination 5-2 (170.10552704) 0.84 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 3-3 (170.10552704) 0.84 ppm - Abu/Aib/D-3OMe-Ala/NMe-
 Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 694.48664() and 510.36528 () (difference 184.12136) found:
 Combination 6-2 (184.1211771) 0.993 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-3 (184.1211771) 0.993 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 694.48664() and 496.34963 () (difference 198.13701) found:
 Combination 4-2 (198.13682716) 0.923 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 5-5 (198.13682716) 0.923 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
 (C5H11NO2)
 Combination 6-3 (198.13682716) 0.923 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2)

For peaks 694.48664() and 468.31832 () (difference 226.16832) found:
 Combination 5-4 (226.16812728) 0.852 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
 Me(2)-NH2(3)---(C7H15NO2)
 Combination 6-6 (226.16812728) 0.852 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2)

For peaks 694.48664() and 439.32813 () (difference 255.15851) found:
 Combination 3-3-3 (255.15829056) 0.86 ppm - Abu/Aib/D-3OMe-Ala/NMe-
 Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)
 Combination 5-3-2 (255.15829056) 0.86 ppm - Val/Nva/Ival/Mab/NdMe-
 Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-2-2 (255.15829056) 0.86 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---
 (C3H7NO2)

For peaks 694.48664() and 425.31247 () (difference 269.17417) found:
 Combination 6-3-2 (269.17394062) 0.852 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 0.852 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 0.852 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 0.852 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 397.28113 () (difference 297.20551) found:

Combination 4-3-3 (297.20524074) 0.906 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 0.906 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 0.906 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 0.906 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 0.906 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 383.26549 () (difference 311.22115) found:

Combination 5-4-3 (311.2208908) 0.833 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 368.29097 () (difference 326.19567) found:

Combination 3-3-3-2 (326.19540402) 0.815 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2-2 (326.19540402) 0.815 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-2-2 (326.19540402) 0.815 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 354.27534 () (difference 340.2113) found:

Combination 5-5-2-2 (340.21105408) 0.723 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2-2 (340.21105408) 0.723 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-2-2 (340.21105408) 0.723 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3-2 (340.21105408) 0.723 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3-3-3 (340.21105408) 0.723 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 694.48664() and 326.24403 () (difference 368.24261) found:

Combination 4-3-3-2 (368.2423542) 0.695 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3 (368.2423542) 0.695 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-2 (368.2423542) 0.695 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3 (368.2423542) 0.695 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2-2 (368.2423542) 0.695 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-2-2 (368.2423542) 0.695 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-2 (368.2423542) 0.695 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 312.22837 () (difference 382.25827) found:

Combination 6-5-3-3 (382.25800426) 0.695 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 0.695 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-

Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 0.695 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 0.695 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 0.695 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 0.695 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 0.695 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 298.21271 () (difference 396.27393) found:

Combination 6-4-3-2 (396.27365432) 0.696 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 0.696 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 0.696 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 0.696 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 0.696 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 0.696 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 0.696 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 0.696 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 694.48664() and 255.20687 () (difference 439.27977) found:

Combination 6-5-3-2-2 (439.27946766) 0.688 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---
(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3-3-3 (439.27946766) 0.688 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

Combination 4-3-3-2-2 (439.27946766) 0.688 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3-2 (439.27946766) 0.688 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3-2 (439.27946766) 0.688 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-6-2-2-2 (439.27946766) 0.688 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 5-4-2-2-2 (439.27946766) 0.688 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-2-2 (439.27946766) 0.688 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 241.19122 (A) (difference 453.29542) found:

Combination 5-5-3-3-3 (453.29511772) 0.667 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-3-2 (453.29511772) 0.667 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-
3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3-3 (453.29511772) 0.667 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---

(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3-2 (453.29511772) 0.667 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2-2 (453.29511772) 0.667 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2-2 (453.29511772) 0.667 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-3-2-2 (453.29511772) 0.667 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3-2 (453.29511772) 0.667 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-4-2-2-2 (453.29511772) 0.667 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 694.48664() and 199.14425 () (difference 495.34239) found:

Combination 6-6-5-5-2 (495.3420679) 0.65 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2-2 (495.3420679) 0.65 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-4-3-2 (495.3420679) 0.65 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-5-3 (495.3420679) 0.65 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-3-3 (495.3420679) 0.65 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-3-3 (495.3420679) 0.65 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 5-5-5-5-5 (495.3420679) 0.65 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 6-6-6-3-2 (495.3420679) 0.65 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 6-6-4-2-2 (495.3420679) 0.65 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
 Combination 4-4-3-3-2 (495.3420679) 0.65 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
 Ala/Sar---(C3H7NO2)
 Combination 6-4-3-3-3 (495.3420679) 0.65 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
 Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
 (C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2)
 Combination 5-5-5-4-2 (495.3420679) 0.65 ppm -
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
 Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 693.49158() and 269.18615 (B) (difference 424.30543) found:

Combination 4-4-3-3 (424.30495444) 1.121 ppm - Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
 aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
 Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-5-5 (424.30495444) 1.121 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
 Combination 6-6-6-3 (424.30495444) 1.121 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
 NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
 (C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-5-4-3 (424.30495444) 1.121 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
 NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
 NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
 Combination 6-6-4-2 (424.30495444) 1.121 ppm - Leu/Ile/NMe-Val/t-
 Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-

NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2 (424.30495444) 1.121 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
Combination 5-5-5-4 (424.30495444) 1.121 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 675.48082(*A) and 562.39658 () (difference 113.08424) found:
Combination 6 (113.08406364) 1.56 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 675.48082(*A) and 548.38098 (A) (difference 127.09984) found:
Combination 4 (127.0997137) 0.994 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 675.48082(*A) and 533.40659 () (difference 142.07423) found:
Combination 2-2 (142.07422692) 0.022 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 675.48082(*A) and 449.31247 (A) (difference 226.16835) found:
Combination 5-4 (226.16812728) 0.985 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)
Combination 6-6 (226.16812728) 0.985 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 675.48082(*A) and 378.27533 () (difference 297.20549) found:
Combination 4-3-3 (297.20524074) 0.839 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
Combination 6-5-3 (297.20524074) 0.839 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
Combination 5-4-2 (297.20524074) 0.839 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
Combination 5-5-5 (297.20524074) 0.839 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
Combination 6-6-2 (297.20524074) 0.839 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 637.46518() and 552.41224 () (difference 85.05294) found:
Combination 3 (85.05276352) 2.075 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 637.46518() and 538.39657 () (difference 99.06861) found:

Combination 5 (99.06841358) 1.983 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 637.46518() and 524.38097 () (difference 113.08421) found:

Combination 6 (113.08406364) 1.294 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 637.46518() and 510.36528 () (difference 127.0999) found:

Combination 4 (127.0997137) 1.466 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 637.46518() and 495.39077 () (difference 142.07441) found:

Combination 2-2 (142.07422692) 1.289 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 637.46518() and 439.32813 () (difference 198.13705) found:

Combination 4-2 (198.13682716) 1.125 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 1.125 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 1.125 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 637.46518() and 425.31247 () (difference 212.15271) found:

Combination 4-3 (212.15247722) 1.097 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5 (212.15247722) 1.097 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 637.46518() and 397.28113 () (difference 240.18405) found:

Combination 6-4 (240.18377734) 1.135 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 637.46518() and 383.26549 () (difference 254.19969) found:

Combination 4-4 (254.1994274) 1.033 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 637.46518() and 368.29097 () (difference 269.17421) found:

Combination 6-3-2 (269.17394062) 1.001 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 1.001 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 1.001 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 1.001 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 637.46518() and 354.27534 () (difference 283.18984) found:

Combination 6-3-3 (283.18959068) 0.88 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-2 (283.18959068) 0.88 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-3-2 (283.18959068) 0.88 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3 (283.18959068) 0.88 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 637.46518() and 326.24403 () (difference 311.22115) found:

Combination 5-4-3 (311.2208908) 0.833 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 637.46518() and 312.22837 () (difference 325.23681) found:

Combination 5-5-4 (325.23654086) 0.828 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5 (325.23654086) 0.828 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-3 (325.23654086) 0.828 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-2 (325.23654086) 0.828 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 637.46518() and 298.21271 () (difference 339.25247) found:

Combination 6-5-4 (339.25219092) 0.823 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6 (339.25219092) 0.823 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

Combination 4-4-3 (339.25219092) 0.823 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 637.46518() and 255.20687 () (difference 382.25831) found:

Combination 6-5-3-3 (382.25800426) 0.8 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 0.8 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 0.8 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 0.8 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 0.8 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 0.8 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 0.8 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 637.46518() and 241.19122 (A) (difference 396.27396) found:

Combination 6-4-3-2 (396.27365432) 0.771 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-3 (396.27365432) 0.771 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-4-2 (396.27365432) 0.771 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-5-2 (396.27365432) 0.771 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-

NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-5 (396.27365432) 0.771 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 4-4-2-2 (396.27365432) 0.771 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

Combination 6-5-5-3 (396.27365432) 0.771 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-3 (396.27365432) 0.771 ppm -
Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 637.46518() and 199.14425 () (difference 438.32093) found:

Combination 6-6-6-5 (438.3206045) 0.743 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---
(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 5-4-4-3 (438.3206045) 0.743 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-3 (438.3206045) 0.743 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-
NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5-4 (438.3206045) 0.743 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~
Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-4-4-2 (438.3206045) 0.743 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-
Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 552.41224 () (difference 71.03728) found:

Combination 2 (71.03711346) 2.344 ppm - Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 538.39657 () (difference 85.05295) found:

Combination 3 (85.05276352) 2.193 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala--
-(C4H9NO2)

For peaks 623.44952() and 524.38097 () (difference 99.06855) found:

Combination 5 (99.06841358) 1.377 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 623.44952() and 510.36528 () (difference 113.08424) found:

Combination 6 (113.08406364) 1.56 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 623.44952() and 496.34963 () (difference 127.09989) found:

Combination 4 (127.0997137) 1.387 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 623.44952() and 439.32813 () (difference 184.12139) found:

Combination 6-2 (184.1211771) 1.156 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 1.156 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 623.44952() and 425.31247 () (difference 198.13705) found:

Combination 4-2 (198.13682716) 1.125 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 1.125 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 1.125 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 623.44952() and 397.28113 () (difference 226.16839) found:

Combination 5-4 (226.16812728) 1.162 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6 (226.16812728) 1.162 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 623.44952() and 383.26549 () (difference 240.18403) found:

Combination 6-4 (240.18377734) 1.052 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 623.44952() and 368.29097 () (difference 255.15855) found:

Combination 3-3-3 (255.15829056) 1.017 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-3-2 (255.15829056) 1.017 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2 (255.15829056) 1.017 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 354.27534 () (difference 269.17418) found:

Combination 6-3-2 (269.17394062) 0.889 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 0.889 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 0.889 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 0.889 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 326.24403 () (difference 297.20549) found:

Combination 4-3-3 (297.20524074) 0.839 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 0.839 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 0.839 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 0.839 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 0.839 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 312.22837 () (difference 311.22115) found:

Combination 5-4-3 (311.2208908) 0.833 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 0.833 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 298.21271 () (difference 325.23681) found:

Combination 5-5-4 (325.23654086) 0.828 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-5 (325.23654086) 0.828 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-3 (325.23654086) 0.828 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-2 (325.23654086) 0.828 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 255.20687 () (difference 368.24265) found:

Combination 4-3-3-2 (368.2423542) 0.803 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3 (368.2423542) 0.803 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-2 (368.2423542) 0.803 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3 (368.2423542) 0.803 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2-2 (368.2423542) 0.803 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-2-2 (368.2423542) 0.803 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-2 (368.2423542) 0.803 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 241.19122 (A) (difference 382.2583) found:

Combination 6-5-3-3 (382.25800426) 0.774 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-3-3-3 (382.25800426) 0.774 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-4-2-2 (382.25800426) 0.774 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-5-5-2 (382.25800426) 0.774 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-3 (382.25800426) 0.774 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-3-2 (382.25800426) 0.774 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-3-2 (382.25800426) 0.774 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 623.44952() and 199.14425 () (difference 424.30527) found:

Combination 4-4-3-3 (424.30495444) 0.744 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-5-5 (424.30495444) 0.744 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-6-3 (424.30495444) 0.744 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-4-3 (424.30495444) 0.744 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-4-2 (424.30495444) 0.744 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-4-4-2 (424.30495444) 0.744 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-4 (424.30495444) 0.744 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 618.45942() and 533.40659 () (difference 85.05283) found:

Combination 3 (85.05276352) 0.782 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 618.45942() and 378.27533 () (difference 240.18409) found:

Combination 6-4 (240.18377734) 1.302 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 576.37591(B) and 477.30748 (B) (difference 99.06843) found:

Combination 5 (99.06841358) 0.166 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 567.38684() and 496.34963 () (difference 71.03721) found:

Combination 2 (71.03711346) 1.359 ppm - Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 468.31832 () (difference 99.06852) found:

Combination 5 (99.06841358) 1.074 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 567.38684() and 425.31247 () (difference 142.07437) found:
Combination 2-2 (142.07422692) 1.007 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 397.28113 () (difference 170.10571) found:
Combination 5-2 (170.10552704) 1.076 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
Combination 3-3 (170.10552704) 1.076 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 567.38684() and 383.26549 () (difference 184.12135) found:
Combination 6-2 (184.1211771) 0.939 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)
Combination 5-3 (184.1211771) 0.939 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 567.38684() and 354.27534 () (difference 213.1115) found:
Combination 2-2-2 (213.11134038) 0.749 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 326.24403 () (difference 241.14281) found:
Combination 5-2-2 (241.1426405) 0.703 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)
Combination 3-3-2 (241.1426405) 0.703 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 312.22837 () (difference 255.15847) found:
Combination 3-3-3 (255.15829056) 0.703 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
Combination 5-3-2 (255.15829056) 0.703 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
Combination 6-2-2 (255.15829056) 0.703 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 298.21271 () (difference 269.17413) found:
Combination 6-3-2 (269.17394062) 0.704 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)
Combination 5-3-3 (269.17394062) 0.704 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)
Combination 5-5-2 (269.17394062) 0.704 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)
Combination 4-2-2 (269.17394062) 0.704 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 255.20687 () (difference 312.17997) found:

Combination 3-3-2-2 (312.17975396) 0.692 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-2-2-2 (312.17975396) 0.692 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 241.19122 (A) (difference 326.19562) found:

Combination 3-3-3-2 (326.19540402) 0.662 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2-2 (326.19540402) 0.662 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-2-2 (326.19540402) 0.662 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 567.38684() and 199.14425 () (difference 368.24259) found:

Combination 4-3-3-2 (368.2423542) 0.64 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3-3 (368.2423542) 0.64 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3-2 (368.2423542) 0.64 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-3-3-3 (368.2423542) 0.64 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2-2 (368.2423542) 0.64 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-6-2-2 (368.2423542) 0.64 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5-2 (368.2423542) 0.64 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 562.39658() and 449.31247 (A) (difference 113.08411) found:

Combination 6 (113.08406364) 0.41 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 562.39658() and 378.27533 () (difference 184.12125) found:

Combination 6-2 (184.1211771) 0.396 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 0.396 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 552.41224() and 439.32813 () (difference 113.08411) found:
Combination 6 (113.08406364) 0.41 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 552.41224() and 425.31247 () (difference 127.09977) found:
Combination 4 (127.0997137) 0.443 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 552.41224() and 368.29097 () (difference 184.12127) found:
Combination 6-2 (184.1211771) 0.505 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 0.505 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 552.41224() and 354.27534 () (difference 198.1369) found:
Combination 4-2 (198.13682716) 0.368 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 0.368 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 0.368 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 552.41224() and 326.24403 () (difference 226.16821) found:
Combination 5-4 (226.16812728) 0.366 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6 (226.16812728) 0.366 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 552.41224() and 312.22837 () (difference 240.18387) found:
Combination 6-4 (240.18377734) 0.386 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 552.41224() and 298.21271 () (difference 254.19953) found:
Combination 4-4 (254.1994274) 0.404 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 552.41224() and 255.20687 () (difference 297.20537) found:
Combination 4-3-3 (297.20524074) 0.435 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 0.435 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 0.435 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 0.435 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 0.435 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 552.41224() and 241.19122 (A) (difference 311.22102) found:

Combination 5-4-3 (311.2208908) 0.415 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 0.415 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 0.415 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 0.415 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 552.41224() and 199.14425 () (difference 353.26799) found:

Combination 5-4-4 (353.26784098) 0.422 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-4 (353.26784098) 0.422 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 548.38098(A) and 449.31247 (A) (difference 99.06851) found:

Combination 5 (99.06841358) 0.973 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 548.38098(A) and 378.27533 () (difference 170.10565) found:

Combination 5-2 (170.10552704) 0.723 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3 (170.10552704) 0.723 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 538.39657() and 439.32813 () (difference 99.06844) found:

Combination 5 (99.06841358) 0.267 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 538.39657() and 425.31247 () (difference 113.0841) found:

Combination 6 (113.08406364) 0.322 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 538.39657() and 368.29097 () (difference 170.1056) found:

Combination 5-2 (170.10552704) 0.429 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3 (170.10552704) 0.429 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 538.39657() and 354.27534 () (difference 184.12123) found:

Combination 6-2 (184.1211771) 0.287 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 0.287 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 538.39657() and 326.24403 () (difference 212.15254) found:

Combination 4-3 (212.15247722) 0.296 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5 (212.15247722) 0.296 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 538.39657() and 312.22837 () (difference 226.1682) found:

Combination 5-4 (226.16812728) 0.322 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6 (226.16812728) 0.322 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 538.39657() and 298.21271 () (difference 240.18386) found:

Combination 6-4 (240.18377734) 0.344 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 538.39657() and 255.20687 () (difference 283.1897) found:

Combination 6-3-3 (283.18959068) 0.386 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-2 (283.18959068) 0.386 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-3-2 (283.18959068) 0.386 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3 (283.18959068) 0.386 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 538.39657() and 241.19122 (A) (difference 297.20535) found:

Combination 4-3-3 (297.20524074) 0.368 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 0.368 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 0.368 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 0.368 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 0.368 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 538.39657() and 199.14425 () (difference 339.25232) found:

Combination 6-5-4 (339.25219092) 0.38 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6-6 (339.25219092) 0.38 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

Combination 4-4-3 (339.25219092) 0.38 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 524.38097() and 439.32813 () (difference 85.05284) found:

Combination 3 (85.05276352) 0.899 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 524.38097() and 425.31247 () (difference 99.0685) found:

Combination 5 (99.06841358) 0.872 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 524.38097() and 397.28113 () (difference 127.09984) found:

Combination 4 (127.0997137) 0.994 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 524.38097() and 368.29097 () (difference 156.09) found:

Combination 3-2 (156.08987698) 0.788 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 524.38097() and 354.27534 () (difference 170.10563) found:

Combination 5-2 (170.10552704) 0.605 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3 (170.10552704) 0.605 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 524.38097() and 326.24403 () (difference 198.13694) found:

Combination 4-2 (198.13682716) 0.57 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 0.57 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 0.57 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2)

For peaks 524.38097() and 312.22837 () (difference 212.1526) found:

Combination 4-3 (212.15247722) 0.579 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2)

Combination 6-5 (212.15247722) 0.579 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2)

For peaks 524.38097() and 298.21271 () (difference 226.16826) found:

Combination 5-4 (226.16812728) 0.587 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-
Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6 (226.16812728) 0.587 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-
NMe-Nva---(C6H13NO2)

For peaks 524.38097() and 255.20687 () (difference 269.1741) found:

Combination 6-3-2 (269.17394062) 0.592 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 0.592 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~
Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 0.592 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 0.592 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~
Ala/Sar---(C3H7NO2)

For peaks 524.38097() and 241.19122 (A) (difference 283.18975) found:

Combination 6-3-3 (283.18959068) 0.563 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---
(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-2 (283.18959068) 0.563 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-
NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-3-2 (283.18959068) 0.563 ppm - Me-Leu/Me-Ile/Me-
aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-
Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-3 (283.18959068) 0.563 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 524.38097() and 199.14425 () (difference 325.23672) found:

Combination 5-5-4 (325.23654086) 0.551 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---
(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---
(C7H15NO2)

Combination 6-6-5 (325.23654086) 0.551 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-3 (325.23654086) 0.551 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 4-4-2 (325.23654086) 0.551 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 510.36528() and 439.32813 () (difference 71.03715) found:

Combination 2 (71.03711346) 0.514 ppm - Ala/Sar---(C3H7NO2)

For peaks 510.36528() and 425.31247 () (difference 85.05281) found:

Combination 3 (85.05276352) 0.546 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 510.36528() and 397.28113 () (difference 113.08415) found:

Combination 6 (113.08406364) 0.764 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 510.36528() and 383.26549 () (difference 127.09979) found:

Combination 4 (127.0997137) 0.6 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 510.36528() and 368.29097 () (difference 142.07431) found:

Combination 2-2 (142.07422692) 0.585 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 510.36528() and 354.27534 () (difference 156.08994) found:

Combination 3-2 (156.08987698) 0.404 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 510.36528() and 326.24403 () (difference 184.12125) found:

Combination 6-2 (184.1211771) 0.396 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 0.396 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 510.36528() and 312.22837 () (difference 198.13691) found:

Combination 4-2 (198.13682716) 0.418 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 0.418 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 0.418 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 510.36528() and 298.21271 () (difference 212.15257) found:

Combination 4-3 (212.15247722) 0.437 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5 (212.15247722) 0.437 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 510.36528() and 255.20687 () (difference 255.15841) found:

Combination 3-3-3 (255.15829056) 0.468 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-3-2 (255.15829056) 0.468 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2 (255.15829056) 0.468 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 510.36528() and 241.19122 (A) (difference 269.17406) found:

Combination 6-3-2 (269.17394062) 0.444 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 0.444 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 0.444 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 0.444 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 510.36528() and 199.14425 () (difference 311.22103) found:

Combination 5-4-3 (311.2208908) 0.447 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-6-3 (311.2208908) 0.447 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-5 (311.2208908) 0.447 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-4-2 (311.2208908) 0.447 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 496.34963() and 425.31247 () (difference 71.03716) found:

Combination 2 (71.03711346) 0.655 ppm - Ala/Sar---(C3H7NO2)

For peaks 496.34963() and 397.28113 () (difference 99.0685) found:

Combination 5 (99.06841358) 0.872 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 496.34963() and 383.26549 () (difference 113.08414) found:

Combination 6 (113.08406364) 0.675 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 496.34963() and 354.27534 () (difference 142.07429) found:

Combination 2-2 (142.07422692) 0.444 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 496.34963() and 326.24403 () (difference 170.1056) found:

Combination 5-2 (170.10552704) 0.429 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3 (170.10552704) 0.429 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 496.34963() and 312.22837 () (difference 184.12126) found:

Combination 6-2 (184.1211771) 0.45 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 0.45 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 496.34963() and 298.21271 () (difference 198.13692) found:

Combination 4-2 (198.13682716) 0.469 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 496.34963() and 255.20687 () (difference 241.14276) found:

Combination 5-2-2 (241.1426405) 0.496 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3-2 (241.1426405) 0.496 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 496.34963() and 241.19122 (A) (difference 255.15841) found:

Combination 3-3-3 (255.15829056) 0.468 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-3-2 (255.15829056) 0.468 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 6-2-2 (255.15829056) 0.468 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 496.34963() and 199.14425 () (difference 297.20538) found:

Combination 4-3-3 (297.20524074) 0.469 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 6-5-3 (297.20524074) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-4-2 (297.20524074) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5-5 (297.20524074) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-6-2 (297.20524074) 0.469 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 495.39077() and 368.29097 () (difference 127.0998) found:

Combination 4 (127.0997137) 0.679 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 495.39077() and 255.20687 () (difference 240.1839) found:

Combination 6-4 (240.18377734) 0.511 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 495.39077() and 241.19122 (A) (difference 254.19955) found:

Combination 4-4 (254.1994274) 0.482 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 468.31832() and 397.28113 () (difference 71.03719) found:

Combination 2 (71.03711346) 1.077 ppm - Ala/Sar---(C3H7NO2)

For peaks 468.31832() and 383.26549 () (difference 85.05283) found:

Combination 3 (85.05276352) 0.782 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 468.31832() and 326.24403 () (difference 142.07429) found:

Combination 2-2 (142.07422692) 0.444 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 468.31832() and 312.22837 () (difference 156.08995) found:

Combination 3-2 (156.08987698) 0.468 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 468.31832() and 298.21271 () (difference 170.10561) found:

Combination 5-2 (170.10552704) 0.488 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3 (170.10552704) 0.488 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 468.31832() and 255.20687 () (difference 213.11145) found:

Combination 2-2-2 (213.11134038) 0.514 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 468.31832() and 241.19122 (A) (difference 227.1271) found:

Combination 3-2-2 (227.12699044) 0.482 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 468.31832() and 199.14425 () (difference 269.17407) found:

Combination 6-3-2 (269.17394062) 0.481 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3-3 (269.17394062) 0.481 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

Combination 5-5-2 (269.17394062) 0.481 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 4-2-2 (269.17394062) 0.481 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 449.31247(A) and 378.27533 () (difference 71.03714) found:
Combination 2 (71.03711346) 0.374 ppm - Ala/Sar---(C3H7NO2)

For peaks 439.32813() and 368.29097 () (difference 71.03716) found:
Combination 2 (71.03711346) 0.655 ppm - Ala/Sar---(C3H7NO2)

For peaks 439.32813() and 354.27534 () (difference 85.05279) found:
Combination 3 (85.05276352) 0.311 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 439.32813() and 326.24403 () (difference 113.0841) found:
Combination 6 (113.08406364) 0.322 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 439.32813() and 312.22837 () (difference 127.09976) found:
Combination 4 (127.0997137) 0.364 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 439.32813() and 255.20687 () (difference 184.12126) found:
Combination 6-2 (184.1211771) 0.45 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)
Combination 5-3 (184.1211771) 0.45 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 439.32813() and 241.19122 (A) (difference 198.13691) found:
Combination 4-2 (198.13682716) 0.418 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)
Combination 5-5 (198.13682716) 0.418 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)
Combination 6-3 (198.13682716) 0.418 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 439.32813() and 199.14425 () (difference 240.18388) found:
Combination 6-4 (240.18377734) 0.427 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 425.31247() and 354.27534 () (difference 71.03713) found:
Combination 2 (71.03711346) 0.233 ppm - Ala/Sar---(C3H7NO2)

For peaks 425.31247() and 326.24403 () (difference 99.06844) found:

Combination 5 (99.06841358) 0.267 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 425.31247() and 312.22837 () (difference 113.0841) found:

Combination 6 (113.08406364) 0.322 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 425.31247() and 298.21271 () (difference 127.09976) found:

Combination 4 (127.0997137) 0.364 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 425.31247() and 255.20687 () (difference 170.1056) found:

Combination 5-2 (170.10552704) 0.429 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Ala/Sar---(C3H7NO2)

Combination 3-3 (170.10552704) 0.429 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 425.31247() and 241.19122 (A) (difference 184.12125) found:

Combination 6-2 (184.1211771) 0.396 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-3 (184.1211771) 0.396 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 425.31247() and 199.14425 () (difference 226.16822) found:

Combination 5-4 (226.16812728) 0.41 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

Combination 6-6 (226.16812728) 0.41 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 397.28113() and 326.24403 () (difference 71.0371) found:

Combination 2 (71.03711346) 0.189 ppm - Ala/Sar---(C3H7NO2)

For peaks 397.28113() and 312.22837 () (difference 85.05276) found:

Combination 3 (85.05276352) 0.041 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 397.28113() and 298.21271 () (difference 99.06842) found:

Combination 5 (99.06841358) 0.065 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 397.28113() and 255.20687 () (difference 142.07426) found:

Combination 2-2 (142.07422692) 0.233 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 397.28113() and 241.19122 (A) (difference 156.08991) found:

Combination 3-2 (156.08987698) 0.212 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 397.28113() and 199.14425 () (difference 198.13688) found:

Combination 4-2 (198.13682716) 0.267 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2) ~ Ala/Sar---(C3H7NO2)

Combination 5-5 (198.13682716) 0.267 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

Combination 6-3 (198.13682716) 0.267 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 383.26549() and 312.22837 () (difference 71.03712) found:
Combination 2 (71.03711346) 0.092 ppm - Ala/Sar---(C3H7NO2)

For peaks 383.26549() and 298.21271 () (difference 85.05278) found:
Combination 3 (85.05276352) 0.194 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 383.26549() and 241.19122 (A) (difference 142.07427) found:
Combination 2-2 (142.07422692) 0.303 ppm - Ala/Sar---(C3H7NO2) ~ Ala/Sar---(C3H7NO2)

For peaks 383.26549() and 199.14425 () (difference 184.12124) found:
Combination 6-2 (184.1211771) 0.342 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2) ~ Ala/Sar---(C3H7NO2)
Combination 5-3 (184.1211771) 0.342 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2) ~ Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 368.29097() and 255.20687 () (difference 113.0841) found:
Combination 6 (113.08406364) 0.322 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 368.29097() and 241.19122 (A) (difference 127.09975) found:
Combination 4 (127.0997137) 0.286 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 354.27534() and 255.20687 () (difference 99.06847) found:
Combination 5 (99.06841358) 0.57 ppm - Val/Nva/Ival/Mab/NdMe-Ala/C5:0-NH2(3)---(C5H11NO2)

For peaks 354.27534() and 241.19122 (A) (difference 113.08412) found:
Combination 6 (113.08406364) 0.498 ppm - Leu/Ile/NMe-Val/t-Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 326.24403() and 255.20687 () (difference 71.03716) found:
Combination 2 (71.03711346) 0.655 ppm - Ala/Sar---(C3H7NO2)

For peaks 326.24403() and 241.19122 (A) (difference 85.05281) found:
Combination 3 (85.05276352) 0.546 ppm - Abu/Aib/D-3OMe-Ala/NMe-Ala---(C4H9NO2)

For peaks 326.24403() and 199.14425 () (difference 127.09978) found:
Combination 4 (127.0997137) 0.522 ppm - Me-Leu/Me-Ile/Me-aIle/Hil/Et-Nva/Dov/C6:0-Me(2)-NH2(3)---(C7H15NO2)

For peaks 312.22837() and 241.19122 (A) (difference 71.03715) found:
Combination 2 (71.03711346) 0.514 ppm - Ala/Sar---(C3H7NO2)

For peaks 312.22837() and 199.14425 () (difference 113.08412) found:
Combination 6 (113.08406364) 0.498 ppm - Leu/Ile/NMe-Val/t-
Leu/Map/aIle/D-NMe-Nva---(C6H13NO2)

For peaks 298.21271() and 199.14425 () (difference 99.06846) found:
Combination 5 (99.06841358) 0.469 ppm - Val/Nva/Ival/Mab/NdMe-
Ala/C5:0-NH2(3)---(C5H11NO2)

Bricks in step 1:

Array

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(  
  [5] => 379  
  [6] => 374  
  [4] => 308  
  [3] => 265  
  [2] => 188  
)
```

Combinations in step 1:

Array

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  [6-6-6-4-3] => 1  
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  [6-6-6-6-5-2] => 1  
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  [5-5-5-4-4-2] => 1  
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)
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 [6-5-5-5-3-2] => 1
 [6-6-5-3-3-2] => 1
 [4-4-3-3] => 1

```

)
Bricks in step 2:
Array
(
    [5] => 1255
    [3] => 1079
    [6] => 1076
    [2] => 882
    [4] => 826
    [1] => 10
)
Combinations in step 2:
Array
(
    [4] => 17
    [6] => 17
    [6-2] => 13
    [2] => 13
    [5-3] => 13
    [4-2-2] => 12
    [5-3-3] => 12
    [6-3-2] => 12
    [5] => 12
    [6-4] => 12
    [5-5-2] => 12
    [2-2] => 11
    [6-3] => 10
    [4-2] => 10
    [3] => 10
    [5-5] => 10
    [6-6-3-3] => 9
    [5-5-4-2] => 9
    [6-6] => 9
    [6-4-3-2] => 9
    [6-6-5-2] => 9
    [3-3] => 9
    [5-5-5-5] => 9
    [6-5-5-3] => 9
    [5-2] => 9
    [5-4] => 9
    [4-4-2-2] => 9
    [5-4-3-3] => 9
    [5-5-5] => 8
    [5-4-2] => 8
    [6-5-3] => 8
    [4-3-3] => 8
    [6-6-2] => 8
    [3-3-3] => 7
    [5-4-3] => 7
    [6-6-3] => 7
    [6-2-2] => 7
    [6-4-2] => 7
    [6-5-5] => 7
    [5-3-2] => 7

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[4-3-3-3] => 7
 [6-4-2-2] => 7
 [6-5-3-3] => 7
 [6-6-3-2] => 7
 [6-5-5-2] => 7
 [5-5-5-3] => 7
 [5-4-3-2] => 7
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 [6-3-3] => 5
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[5-5-4-4-3-2-2] => 1
)
Bricks total:
Array
(
    [5] => 1634
    [6] => 1450
    [3] => 1344
    [4] => 1134
    [2] => 1070
    [1] => 10
)
Combinations total:
Array
(
    [6] => 17
    [4] => 17
    [6-2] => 13
    [2] => 13
    [5-3] => 13
    [6-4] => 13
    [5] => 12
    [6-3-2] => 12
    [5-5-2] => 12
    [5-3-3] => 12
    [4-2-2] => 12
    [5-5] => 11
    [2-2] => 11
    [6-3] => 11
    [4-2] => 11
    [3] => 10
    [5-5-4-2] => 10
    [6-6-5-2] => 10
    [6-5-5-3] => 10
    [5-4-3-3] => 10
    [4-4-2-2] => 10
    [5-5-5-5] => 10
    [6-6-3-3] => 10
)

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)

SEQUENCE VERIFICATION BY CYCPEPCALC:

AA file processing:

AA file processing finished.

Peaklist file processing:

Peaklist read.

199.14425	12291612
241.19122	14324438
255.20687	30435826
269.18615	36395435
298.21271	83679740
312.22837	14335680
323.23313	58003559
326.24403	30823021
354.27534	20566600
368.29097	138837920
378.27533	23466524
383.26549	16896111
397.28113	311596630
425.31247	313147860
439.32813	44101782
449.31247	93401935
468.31832	11165296
477.30748	14422691
495.39077	10758011
496.34963	35913328
510.36528	48585502
524.38097	159808010
533.40659	13466322
538.39657	16935064
548.38098	74868615
552.41224	20341012
562.39658	12981443
567.38684	83041354
576.37591	28027373
598.42903	22990742
618.45942	10768507
623.44952	22377336
637.46518	171142990
675.48082	338977570
693.49158	21135624
694.48664	101874930
703.47587	35338557
704.47949	11318055
788.56498	17668128
802.581	13198337
806.57573	15668070
817.55511	17040835
821.58654	39876407
822.59003	14240020
934.67044	18692574
944.65538	47418777
945.65877	22434422
1071.75508	42904327
1099.75009	20706821
1184.83946	63515995

1185.84227 40657373
1202.84978 24532718

Sequence file processing:

MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu read.

=====
=====

Sequence: MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu

AA MeBmt exists (w. 0 modification/s).
AA Abu exists (w. 0 modification/s).
AA Ala exists (w. 0 modification/s).
AA MeLeu exists (w. 0 modification/s).
AA Val exists (w. 0 modification/s).
AA MeLeu exists (w. 0 modification/s).
AA Ala exists (w. 0 modification/s).
AA Ala exists (w. 0 modification/s).
AA MeLeu exists (w. 0 modification/s).
AA MeLeu exists (w. 0 modification/s).
AA Leu exists (w. 0 modification/s).

----- Theoretical ions: -----

a1:Ala*x 9.01236183
a1:Ala*x 9.01236183
a1:Ala*x 9.01236183
a1:Abu*x 23.02801189
a1:Ala* 26.03891093
a1:Ala* 26.03891093
a1:Ala* 26.03891093
a1:Alax 27.02292651
a1:Alax 27.02292651
a1:Alax 27.02292651
b1:Ala*x 37.00727645
b1:Ala*x 37.00727645
b1:Ala*x 37.00727645
a1:Val*x 37.04366165
a1:Abu* 40.05456099
a1:Abux 41.03857657
a1:Ala 44.04947561
a1:Ala 44.04947561
a1:Ala 44.04947561
b1:Abu*x 51.02292651
a1:Leu*x 51.05931165
b1:Ala* 54.03382555
b1:Ala* 54.03382555
b1:Ala* 54.03382555
a1:Val* 54.07021075
b1:Alax 55.01784113
b1:Alax 55.01784113
b1:Alax 55.01784113
a1:Valx 55.05422633
a1:Abu 58.06512567
b1:Val*x 65.03857627

a1:MeLeu*x 65.07496175
a1:MeLeu*x 65.07496175
a1:MeLeu*x 65.07496175
a1:MeLeu*x 65.07496175
b1:Abu* 68.04947561
a1:Leu* 68.08586075
b1:Abux 69.03349119
a1:Leux 69.06987633
b1:Ala 72.04439023
b1:Ala 72.04439023
b1:Ala 72.04439023
a1:Val 72.08077543
b1:Leu*x 79.05422627
a2:Ala-Ala*x 80.04947561
b1:Val* 82.06512537
a1:MeLeu* 82.10151085
a1:MeLeu* 82.10151085
a1:MeLeu* 82.10151085
a1:MeLeu* 82.10151085
b1:Valx 83.04914095
a1:MeLeux 83.08552643
a1:MeLeux 83.08552643
a1:MeLeux 83.08552643
a1:MeLeux 83.08552643
b1:Abu 86.06004029
a1:Leu 86.09642543
b1:MeLeu*x 93.06987637
b1:MeLeu*x 93.06987637
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a2:Abu-Ala*x 94.06512567
b1:Leu* 96.08077537
b1:Leux 97.06479095
a2:Ala-Ala* 97.07602471
a2:Ala-Alax 98.06004029
b1:Val 100.07569005
a1:MeLeu 100.11207553
a1:MeLeu 100.11207553
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a1:MeLeu 100.11207553
b2:Ala-Ala*x 108.04439023
b1:MeLeu* 110.09642547
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b1:MeLeux 111.08044105
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a2:Abu-Ala* 111.09167477
a2:Abu-Alax 112.07569035
b1:Leu 114.09134005
a2:Ala-Ala 115.08658939
a1:MeBmt*x 121.10062805

b2:Abu-Ala*x 122.06004029
b2:Ala-Ala* 125.07093933
b2:Ala-Alax 126.05495491
b1:MeLeu 128.10699015
b1:MeLeu 128.10699015
b1:MeLeu 128.10699015
b1:MeLeu 128.10699015
a2:Abu-Ala 129.10223945
a2:Ala-MeLeu*x 136.11207553
a2:Ala-MeLeu*x 136.11207553
a2:MeLeu-Ala*x 136.11207553
a1:MeBmt* 138.12717715
b2:Abu-Ala* 139.08658939
a1:MeBmtx 139.11119273
b2:Abu-Alax 140.07060497
b2:Ala-Ala 143.08150401
b1:MeBmt*x 149.09554267
a2:Ala-MeLeu* 153.13862463
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a2:Ala-MeLeu* 153.13862463
a2:Ala-MeLeux 154.12264021
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a2:Ala-MeLeux 154.12264021
a1:MeBmt 156.13774183
b2:Abu-Ala 157.09715407
b2:Ala-MeLeu*x 164.10699015
b2:MeLeu-Ala*x 164.10699015
b2:Ala-MeLeu*x 164.10699015
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a2:Val-MeLeu*x 164.14337535
b1:MeBmt* 166.12209177
b1:MeBmtx 167.10610735
a2:Ala-MeLeu 171.14918931
a2:Ala-MeLeu 171.14918931
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b2:Ala-MeLeu* 181.13353925
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b2:MeLeu-Ala* 181.13353925
a2:Val-MeLeu* 181.16992445
a2:MeLeu-Val* 181.16992445
b2:Ala-MeLeux 182.11755483
b2:Ala-MeLeux 182.11755483
b2:MeLeu-Alax 182.11755483
a2:Val-MeLeux 182.15394003
a2:MeLeu-Valx 182.15394003
b1:MeBmt 184.13265645
b2:Val-MeLeu*x 192.13828997
b2:MeLeu-Val*x 192.13828997
a2:MeLeu-MeLeu*x 192.17467545
a2:MeLeu-Leu* 195.18557445
a2:MeLeu-Leux 196.16959003
b2:Ala-MeLeu 199.14410393 199.14425 matched with 0.73ppm error
b2:Ala-MeLeu 199.14410393 199.14425 matched with 0.73ppm error

b2:MeLeu-Ala	199.14410393	199.14425 matched with 0.73ppm error
a2:Val-MeLeu	199.18048913	
a2:MeLeu-Val	199.18048913	
a2:MeBmt-Abu*x	206.15339189	
b2:MeLeu-Leu*x	206.15393997	
a3:Ala-Ala-MeLeu*x	207.14918931	
a3:MeLeu-Ala-Ala*x	207.14918931	
b2:Val-MeLeu*	209.16483907	
b2:MeLeu-Val*	209.16483907	
a2:MeLeu-MeLeu*	209.20122455	
b2:Val-MeLeux	210.14885465	
b2:MeLeu-Valx	210.14885465	
a2:MeLeu-MeLeux	210.18524013	
a2:MeLeu-Leu	213.19613913	
b2:MeLeu-MeLeu*x	220.16959007	
a3:Abu-Ala-MeLeu*x	221.16483937	
a2:MeBmt-Abu*	223.17994099	
b2:MeLeu-Leu*	223.18048907	
a2:MeBmt-Abux	224.16395657	
b2:MeLeu-Leux	224.16450465	
a3:MeLeu-Ala-Ala*	224.17573841	
a3:Ala-Ala-MeLeu*	224.17573841	
a3:Ala-Ala-MeLeux	225.15975399	
a3:MeLeu-Ala-Alax	225.15975399	
b2:MeLeu-Val	227.17540375	
b2:Val-MeLeu	227.17540375	
a2:MeLeu-MeLeu	227.21178923	
b2:MeBmt-Abu*x	234.14830651	
a2:Leu-MeBmt*x	234.18469165	
b3:MeLeu-Ala-Ala*x	235.14410393	
b3:Ala-Ala-MeLeu*x	235.14410393	
a3:Val-MeLeu-Ala*x	235.18048913	
a3:Ala-MeLeu-Val*x	235.18048913	
b2:MeLeu-MeLeu*	237.19613917	
b2:MeLeu-MeLeux	238.18015475	
a3:Abu-Ala-MeLeu*	238.19138847	
a3:Abu-Ala-MeLeux	239.17540405	
a2:MeBmt-Abu	241.19050567	241.19122 matched with 2.96ppm error
b2:MeLeu-Leu	241.19105375	241.19122 matched with 0.69ppm error
a3:MeLeu-Ala-Ala	242.18630309	
a3:Ala-Ala-MeLeu	242.18630309	
b3:Abu-Ala-MeLeu*x	249.15975399	
b2:MeBmt-Abu*	251.17485561	
a2:Leu-MeBmt*	251.21124075	
b2:MeBmt-Abux	252.15887119	
b3:Ala-Ala-MeLeu*	252.17065303	
b3:MeLeu-Ala-Ala*	252.17065303	
a2:Leu-MeBmtx	252.19525633	
a3:Val-MeLeu-Ala*	252.20703823	
a3:Ala-MeLeu-Val*	252.20703823	
b3:MeLeu-Ala-Alax	253.15466861	
b3:Ala-Ala-MeLeux	253.15466861	
a3:Val-MeLeu-Alax	253.19105381	
a3:Ala-MeLeu-Valx	253.19105381	

b2:MeLeu-MeLeu 255.20670385 255.20687 matched with 0.65ppm error
a3:Abu-Ala-MeLeu 256.20195315
b2:Leu-MeBmt*x 262.17960627
b3:Val-MeLeu-Ala*x 263.17540375
b3:Ala-MeLeu-Val*x 263.17540375
a3:Ala-MeLeu-MeLeu*x 263.21178923
b3:Abu-Ala-MeLeu* 266.18630309
b3:Abu-Ala-MeLeux 267.17031867
b2:MeBmt-Abu 269.18542029 269.18615 matched with 2.71ppm error
a2:Leu-MeBmt 269.22180543
b3:Ala-Ala-MeLeu 270.18121771
b3:MeLeu-Ala-Ala 270.18121771
a3:Val-MeLeu-Ala 270.21760291
a3:Ala-MeLeu-Val 270.21760291
a3:MeBmt-Abu-Ala*x 277.19050567
b2:Leu-MeBmt* 279.20615537
b2:Leu-MeBmtx 280.19017095
b3:Val-MeLeu-Ala* 280.20195285
b3:Ala-MeLeu-Val* 280.20195285
a3:Ala-MeLeu-MeLeu* 280.23833833
b3:Val-MeLeu-Alax 281.18596843
b3:Ala-MeLeu-Valx 281.18596843
a3:Ala-MeLeu-MeLeux 281.22235391
b3:Abu-Ala-MeLeu 284.19686777
b3:Ala-MeLeu-MeLeu*x 291.20670385
a3:MeLeu-Val-MeLeu*x 291.24308905
a3:MeBmt-Abu-Ala* 294.21705477
a3:MeBmt-Abu-Alax 295.20107035
b2:Leu-MeBmt 297.21672005
b3:Val-MeLeu-Ala 298.21251753 298.21271 matched with 0.65ppm error
b3:Ala-MeLeu-Val 298.21251753 298.21271 matched with 0.65ppm error
a3:Ala-MeLeu-MeLeu 298.24890301
b3:MeBmt-Abu-Ala*x 305.18542029
a3:MeLeu-MeLeu-Leu*x 305.25873905
a4:Val-MeLeu-Ala-Ala*x 306.21760291
b3:Ala-MeLeu-MeLeu* 308.23325295
a3:MeLeu-Val-MeLeu* 308.26963815
b3:Ala-MeLeu-MeLeux 309.21726853
a3:MeLeu-Val-MeLeux 309.25365373
a3:MeBmt-Abu-Ala 312.22761945 312.22837 matched with 2.4ppm error
a3:Leu-MeBmt-Abu*x 319.23745549
b3:MeLeu-Val-MeLeu*x 319.23800367
a4:Abu-Ala-MeLeu-Val*x 320.23325297
b3:MeBmt-Abu-Ala* 322.21196939
a3:MeLeu-MeLeu-Leu* 322.28528815
b3:MeBmt-Abu-Alax 323.19598497
a4:Val-MeLeu-Ala-Ala* 323.24415201
a3:MeLeu-MeLeu-Leux 323.26930373
a4:Val-MeLeu-Ala-Alax 324.22816759
b3:Ala-MeLeu-MeLeu 326.24381763 326.24403 matched with 0.65ppm error
error
a3:MeLeu-Val-MeLeu 326.28020283
b3:MeLeu-MeLeu-Leu*x 333.25365367
b4:Val-MeLeu-Ala-Ala*x 334.21251753

a4:MeLeu-Ala-Ala-MeLeu*x 334.24890301
a4:Ala-Ala-MeLeu-MeLeu*x 334.24890301
a3:Leu-MeBmt-Abu* 336.26400459
b3:MeLeu-Val-MeLeu* 336.26455277
a3:Leu-MeBmt-Abux 337.24802017
b3:MeLeu-Val-MeLeux 337.24856835
a4:Abu-Ala-MeLeu-Val* 337.25980207
a4:Abu-Ala-MeLeu-Valx 338.24381765
b3:MeBmt-Abu-Ala 340.22253407
a3:MeLeu-MeLeu-Leu 340.29585283
a4:Val-MeLeu-Ala-Ala 341.25471669
b3:Leu-MeBmt-Abu*x 347.23237011
b4:Abu-Ala-MeLeu-Val*x 348.22816759
b3:MeLeu-MeLeu-Leu* 350.28020277
b4:Val-MeLeu-Ala-Ala* 351.23906663
b3:MeLeu-MeLeu-Leux 351.26421835
a4:MeLeu-Ala-Ala-MeLeu* 351.27545211
a4:Ala-Ala-MeLeu-MeLeu* 351.27545211
b4:Val-MeLeu-Ala-Alax 352.22308221
a4:MeLeu-Ala-Ala-MeLeux 352.25946769
a4:Ala-Ala-MeLeu-MeLeux 352.25946769
a3:Leu-MeBmt-Abu 354.27456927 354.27534 matched with 2.18ppm error
b3:MeLeu-Val-MeLeu 354.27511745 354.27534 matched with 0.63ppm error
a4:Abu-Ala-MeLeu-Val 355.27036675
a3:MeLeu-Leu-MeBmt*x 361.28440535
b4:Ala-Ala-MeLeu-MeLeu*x 362.24381763
b4:MeLeu-Ala-Ala-MeLeu*x 362.24381763
a4:MeLeu-Val-MeLeu-Ala*x 362.28020283
a4:Ala-MeLeu-Val-MeLeu*x 362.28020283
b3:Leu-MeBmt-Abu* 364.25891921
b3:Leu-MeBmt-Abux 365.24293479
b4:Abu-Ala-MeLeu-Val* 365.25471669
b4:Abu-Ala-MeLeu-Valx 366.23873227
b3:MeLeu-MeLeu-Leu 368.29076745 368.29097 matched with 0.55ppm error
b4:Val-MeLeu-Ala-Ala 369.24963131
a4:MeLeu-Ala-Ala-MeLeu 369.28601679
a4:Ala-Ala-MeLeu-MeLeu 369.28601679
a4:Ala-MeLeu-MeLeu-Leu*x 376.29585283
a3:MeLeu-Leu-MeBmt* 378.31095445
b4:Ala-Ala-MeLeu-MeLeu* 379.27036673
b4:MeLeu-Ala-Ala-MeLeu* 379.27036673
a3:MeLeu-Leu-MeBmtx 379.29497003
a4:Ala-MeLeu-Val-MeLeu* 379.30675193
a4:MeLeu-Val-MeLeu-Ala* 379.30675193
b4:Ala-Ala-MeLeu-MeLeux 380.25438231
b4:MeLeu-Ala-Ala-MeLeux 380.25438231
a4:Ala-MeLeu-Val-MeLeux 380.29076751
a4:MeLeu-Val-MeLeu-Alax 380.29076751
b3:Leu-MeBmt-Abu 382.26948389
b4:Abu-Ala-MeLeu-Val 383.26528137 383.26549 matched with 0.54ppm error
b3:MeLeu-Leu-MeBmt*x 389.27931997

a4:Leu-MeBmt-Abu-Ala*x 390.27456927
b4:MeLeu-Val-MeLeu-Ala*x 390.27511745
b4:Ala-MeLeu-Val-MeLeu*x 390.27511745
a4:Ala-MeLeu-MeLeu-Leu* 393.32240193
a4:Ala-MeLeu-MeLeu-Leux 394.30641751
a3:MeLeu-Leu-MeBmt 396.32151913
b4:MeLeu-Ala-Ala-MeLeu 397.28093141 397.28113 matched with 0.5ppm
error
b4:Ala-Ala-MeLeu-MeLeu 397.28093141 397.28113 matched with 0.5ppm
error
a4:MeLeu-Val-MeLeu-Ala 397.31731661
a4:Ala-MeLeu-Val-MeLeu 397.31731661
a4:MeBmt-Abu-Ala-MeLeu*x 404.29021937
b4:Ala-MeLeu-MeLeu-Leu*x 404.29076745
b3:MeLeu-Leu-MeBmt* 406.30586907
b3:MeLeu-Leu-MeBmtx 407.28988465
a4:Leu-MeBmt-Abu-Ala* 407.30111837
b4:MeLeu-Val-MeLeu-Ala* 407.30166655
b4:Ala-MeLeu-Val-MeLeu* 407.30166655
a4:Leu-MeBmt-Abu-Alax 408.28513395
b4:Ala-MeLeu-Val-MeLeux 408.28568213
b4:MeLeu-Val-MeLeu-Alax 408.28568213
a4:Ala-MeLeu-MeLeu-Leu 411.33296661
b4:Leu-MeBmt-Abu-Ala*x 418.26948389
a4:MeBmt-Abu-Ala-MeLeu* 421.31676847
b4:Ala-MeLeu-MeLeu-Leu* 421.31731655
a4:MeBmt-Abu-Ala-MeLeux 422.30078405
b4:Ala-MeLeu-MeLeu-Leux 422.30133213
b3:MeLeu-Leu-MeBmt 424.31643375
a4:Leu-MeBmt-Abu-Ala 425.31168305 425.31247 matched with 1.85ppm
error
b4:MeLeu-Val-MeLeu-Ala 425.31223123 425.31247 matched with 0.56ppm
error
b4:Ala-MeLeu-Val-MeLeu 425.31223123 425.31247 matched with 0.56ppm
error
b4:MeBmt-Abu-Ala-MeLeu*x 432.28513399
a5:Val-MeLeu-Ala-Ala-MeLeu*x 433.31731661
a5:MeLeu-Val-MeLeu-Ala-Ala*x 433.31731661
a5:Ala-MeLeu-Val-MeLeu-Ala*x 433.31731661
b4:Leu-MeBmt-Abu-Ala* 435.29603299
b4:Leu-MeBmt-Abu-Alax 436.28004857
a4:MeBmt-Abu-Ala-MeLeu 439.32733315 439.32813 matched with 1.81ppm
error
b4:Ala-MeLeu-MeLeu-Leu 439.32788123 439.32813 matched with 0.57ppm
error
a4:MeLeu-Leu-MeBmt-Abu*x 446.33716919
a5:Ala-Ala-MeLeu-MeLeu-Leu*x 447.33296661
a5:Abu-Ala-MeLeu-Val-MeLeu*x 447.33296667
b4:MeBmt-Abu-Ala-MeLeu* 449.31168309 449.31247 matched with
1.75ppm error
b4:MeBmt-Abu-Ala-MeLeux 450.29569867
a5:Val-MeLeu-Ala-Ala-MeLeu* 450.34386571
a5:MeLeu-Val-MeLeu-Ala-Ala* 450.34386571
a5:Ala-MeLeu-Val-MeLeu-Ala* 450.34386571

a5:Val-MeLeu-Ala-Ala-MeLeux 451.32788129
a5:Ala-MeLeu-Val-MeLeu-Alax 451.32788129
a5:MeLeu-Val-MeLeu-Ala-Alax 451.32788129
b4:Leu-MeBmt-Abu-Ala 453.30659767
b5:Val-MeLeu-Ala-Ala-MeLeu*x 461.31223123
b5:Ala-MeLeu-Val-MeLeu-Ala*x 461.31223123
b5:MeLeu-Val-MeLeu-Ala-Ala*x 461.31223123
a5:MeLeu-Ala-Ala-MeLeu-MeLeu*x 461.34861671
a4:MeLeu-Leu-MeBmt-Abu* 463.36371829
a4:MeLeu-Leu-MeBmt-Abux 464.34773387
a5:Ala-Ala-MeLeu-MeLeu-Leu* 464.35951571
a5:Abu-Ala-MeLeu-Val-MeLeu* 464.35951577
a5:Ala-Ala-MeLeu-MeLeu-Leux 465.34353129
a5:Abu-Ala-MeLeu-Val-MeLeux 465.34353135
b4:MeBmt-Abu-Ala-MeLeu 467.32224777
a5:Val-MeLeu-Ala-Ala-MeLeu 468.35443039
a5:Ala-MeLeu-Val-MeLeu-Ala 468.35443039
a5:MeLeu-Val-MeLeu-Ala-Ala 468.35443039
b4:MeLeu-Leu-MeBmt-Abu*x 474.33208381
b5:Ala-Ala-MeLeu-MeLeu-Leu*x 475.32788123
b5:Abu-Ala-MeLeu-Val-MeLeu*x 475.32788129
b5:Val-MeLeu-Ala-Ala-MeLeu* 478.33878033
b5:Ala-MeLeu-Val-MeLeu-Ala* 478.33878033
b5:MeLeu-Val-MeLeu-Ala-Ala* 478.33878033
a5:MeLeu-Ala-Ala-MeLeu-MeLeu* 478.37516581
b5:Val-MeLeu-Ala-Ala-MeLeux 479.32279591
b5:Ala-MeLeu-Val-MeLeu-Alax 479.32279591
b5:MeLeu-Val-MeLeu-Ala-Alax 479.32279591
a5:MeLeu-Ala-Ala-MeLeu-MeLeux 479.35918139
a4:MeLeu-Leu-MeBmt-Abu 481.37428297
a5:Ala-Ala-MeLeu-MeLeu-Leu 482.37008039
a5:Abu-Ala-MeLeu-Val-MeLeu 482.37008045
a4:MeLeu-MeLeu-Leu-MeBmt*x 488.38411905
b5:MeLeu-Ala-Ala-MeLeu-MeLeu*x 489.34353133
b4:MeLeu-Leu-MeBmt-Abu* 491.35863291
b4:MeLeu-Leu-MeBmt-Abux 492.34264849
b5:Ala-Ala-MeLeu-MeLeu-Leu* 492.35443033
b5:Abu-Ala-MeLeu-Val-MeLeu* 492.35443039
b5:Ala-Ala-MeLeu-MeLeu-Leux 493.33844591
b5:Abu-Ala-MeLeu-Val-MeLeux 493.33844597
b5:Val-MeLeu-Ala-Ala-MeLeu 496.34934501 496.34963 matched with
0.57ppm error
b5:Ala-MeLeu-Val-MeLeu-Ala 496.34934501 496.34963 matched with
0.57ppm error
b5:MeLeu-Val-MeLeu-Ala-Ala 496.34934501 496.34963 matched with
0.57ppm error
a5:MeLeu-Ala-Ala-MeLeu-MeLeu 496.38573049
a5:MeBmt-Abu-Ala-MeLeu-Val*x 503.35863297
a6:Ala-MeLeu-Val-MeLeu-Ala-Ala*x 504.35443039
a4:MeLeu-MeLeu-Leu-MeBmt* 505.41066815
b5:MeLeu-Ala-Ala-MeLeu-MeLeu* 506.37008043
a4:MeLeu-MeLeu-Leu-MeBmtx 506.39468373
b5:MeLeu-Ala-Ala-MeLeu-MeLeux 507.35409601
b4:MeLeu-Leu-MeBmt-Abu 509.36919759

b5:Ala-Ala-MeLeu-MeLeu-Leu 510.36499501 510.36528 matched with
0.56ppm error
b5:Abu-Ala-MeLeu-Val-MeLeu 510.36499507 510.36528 matched with
0.56ppm error
b4:MeLeu-MeLeu-Leu-MeBmt*x 516.37903367
a5:MeLeu-Leu-MeBmt-Abu-Ala*x 517.37428297
a5:Leu-MeBmt-Abu-Ala-MeLeu*x 517.37428297
a6:Abu-Ala-MeLeu-Val-MeLeu-Ala*x 518.37008045
a5:MeBmt-Abu-Ala-MeLeu-Val* 520.38518207
a5:MeBmt-Abu-Ala-MeLeu-Valx 521.36919765
a6:Ala-MeLeu-Val-MeLeu-Ala-Ala* 521.38097949
a6:Ala-MeLeu-Val-MeLeu-Ala-Alax 522.36499507
a4:MeLeu-MeLeu-Leu-MeBmt 523.42123283
b5:MeLeu-Ala-Ala-MeLeu-MeLeu 524.38064511 524.38097 matched with
0.62ppm error
b5:MeBmt-Abu-Ala-MeLeu-Val*x 531.35354759
b6:Ala-MeLeu-Val-MeLeu-Ala-Ala*x 532.34934501
b4:MeLeu-MeLeu-Leu-MeBmt* 533.40558277 533.40659 matched with
1.89ppm error
b4:MeLeu-MeLeu-Leu-MeBmtx 534.38959835
a5:MeLeu-Leu-MeBmt-Abu-Ala* 534.40083207
a5:Leu-MeBmt-Abu-Ala-MeLeu* 534.40083207
a5:MeLeu-Leu-MeBmt-Abu-Alax 535.38484765
a5:Leu-MeBmt-Abu-Ala-MeLeux 535.38484765
a6:Abu-Ala-MeLeu-Val-MeLeu-Ala* 535.39662955
a6:Abu-Ala-MeLeu-Val-MeLeu-Alax 536.38064513
a5:MeBmt-Abu-Ala-MeLeu-Val 538.39574675 538.39657 matched with
1.53ppm error
a6:Ala-MeLeu-Val-MeLeu-Ala-Ala 539.39154417
b5:MeLeu-Leu-MeBmt-Abu-Ala*x 545.36919759
b5:Leu-MeBmt-Abu-Ala-MeLeu*x 545.36919759
b6:Abu-Ala-MeLeu-Val-MeLeu-Ala*x 546.36499507
b5:MeBmt-Abu-Ala-MeLeu-Val* 548.38009669 548.38098 matched with
1.61ppm error
b5:MeBmt-Abu-Ala-MeLeu-Valx 549.36411227
b6:Ala-MeLeu-Val-MeLeu-Ala-Ala* 549.37589411
b6:Ala-MeLeu-Val-MeLeu-Ala-Alax 550.35990969
b4:MeLeu-MeLeu-Leu-MeBmt 551.41614745
a5:MeLeu-Leu-MeBmt-Abu-Ala 552.41139675 552.41224 matched with
1.53ppm error
a5:Leu-MeBmt-Abu-Ala-MeLeu 552.41139675 552.41224 matched with
1.53ppm error
a6:Abu-Ala-MeLeu-Val-MeLeu-Ala 553.40719423
a5:Ala-MeLeu-MeLeu-Leu-MeBmt*x 559.42123283
a6:Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 560.41703031
a6:MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 560.41703031
b5:MeLeu-Leu-MeBmt-Abu-Ala* 562.39574669 562.39658 matched with
1.48ppm error
b5:Leu-MeBmt-Abu-Ala-MeLeu* 562.39574669 562.39658 matched with
1.48ppm error
b5:MeLeu-Leu-MeBmt-Abu-Alax 563.37976227
b5:Leu-MeBmt-Abu-Ala-MeLeux 563.37976227
b6:Abu-Ala-MeLeu-Val-MeLeu-Ala* 563.39154417
b6:Abu-Ala-MeLeu-Val-MeLeu-Alax 564.37555975

b5:MeBmt-Abu-Ala-MeLeu-Val 566.39066137
b6:Ala-MeLeu-Val-MeLeu-Ala-Ala 567.38645879 567.38684 matched with
0.67ppm error
a5:MeLeu-MeLeu-Leu-MeBmt-Abu*x 573.43688289
a6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 574.43268031
a5:Ala-MeLeu-MeLeu-Leu-MeBmt* 576.44778193
a5:Ala-MeLeu-MeLeu-Leu-MeBmtx 577.43179751
a6:Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 577.44357941
a6:MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 577.44357941
a6:Val-MeLeu-Ala-Ala-MeLeu-MeLeux 578.42759499
a6:MeLeu-Val-MeLeu-Ala-Ala-MeLeux 578.42759499
b5:MeLeu-Leu-MeBmt-Abu-Ala 580.40631137
b5:Leu-MeBmt-Abu-Ala-MeLeu 580.40631137
b6:Abu-Ala-MeLeu-Val-MeLeu-Ala 581.40210885
b5:Ala-MeLeu-MeLeu-Leu-MeBmt*x 587.41614745
b6:Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 588.41194493
b6:MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 588.41194493
a7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 589.40719423
a5:MeLeu-MeLeu-Leu-MeBmt-Abu* 590.46343199
a5:MeLeu-MeLeu-Leu-MeBmt-Abux 591.44744757
a6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 591.45922941
a6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 592.44324499
a5:Ala-MeLeu-MeLeu-Leu-MeBmt 594.45834661
a6:Val-MeLeu-Ala-Ala-MeLeu-MeLeu 595.45414409
a6:MeLeu-Val-MeLeu-Ala-Ala-MeLeu 595.45414409
b5:MeLeu-MeLeu-Leu-MeBmt-Abu*x 601.43179751
b6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 602.42759493
b5:Ala-MeLeu-MeLeu-Leu-MeBmt* 604.44269655
b5:Ala-MeLeu-MeLeu-Leu-MeBmtx 605.42671213
b6:Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 605.43849403
b6:MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 605.43849403
b6:Val-MeLeu-Ala-Ala-MeLeu-MeLeux 606.42250961
b6:MeLeu-Val-MeLeu-Ala-Ala-MeLeux 606.42250961
a7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 606.43374333
a7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 607.41775891
a5:MeLeu-MeLeu-Leu-MeBmt-Abu 608.47399667
a6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 609.46979409
a6:Leu-MeBmt-Abu-Ala-MeLeu-Val*x 616.44269657
b7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 617.40210885
b5:MeLeu-MeLeu-Leu-MeBmt-Abu* 618.45834661 618.45942 matched with
1.74ppm error
b5:MeLeu-MeLeu-Leu-MeBmt-Abux 619.44236219
b6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 619.45414403
b6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 620.43815961
b5:Ala-MeLeu-MeLeu-Leu-MeBmt 622.45326123
b6:Val-MeLeu-Ala-Ala-MeLeu-MeLeu 623.44905871 623.44952 matched with
0.74ppm error
b6:MeLeu-Val-MeLeu-Ala-Ala-MeLeu 623.44905871 623.44952 matched with
0.74ppm error
a7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 624.44430801
a6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 630.45834661
a6:MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 630.45834667
a7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 631.45414409
a6:Leu-MeBmt-Abu-Ala-MeLeu-Val* 633.46924567

b7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 634.42865795
a6:Leu-MeBmt-Abu-Ala-MeLeu-Valx 634.45326125
b7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 635.41267353
b5:MeLeu-MeLeu-Leu-MeBmt-Abu 636.46891129
b6:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 637.46470871 637.46518 matched with
0.74ppm error
b6:Leu-MeBmt-Abu-Ala-MeLeu-Val*x 644.43761119
a6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 644.47399667
a6:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 644.47399667
a6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 644.47399667
a6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 647.48489571
a6:MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 647.48489577
a6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 648.46891129
a6:MeBmt-Abu-Ala-MeLeu-Val-MeLeux 648.46891135
a7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 648.48069319
a7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 649.46470877
a6:Leu-MeBmt-Abu-Ala-MeLeu-Val 651.47981035
b7:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 652.43922263
b6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 658.45326123
b6:MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 658.45326129
b7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 659.44905871
b6:Leu-MeBmt-Abu-Ala-MeLeu-Val* 661.46416029
a6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 661.50054577
a6:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 661.50054577
a6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 661.50054577
b6:Leu-MeBmt-Abu-Ala-MeLeu-Valx 662.44817587
a6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 662.48456135
a6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 662.48456135
a6:MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 662.48456135
a6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 665.49546039
a6:MeBmt-Abu-Ala-MeLeu-Val-MeLeu 665.49546045
a7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 666.49125787
b6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 672.46891129
b6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 672.46891129
b6:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 672.46891129
a7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 673.50109391
b6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 675.47981033 675.48082 matched with
1.49ppm error
b6:MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 675.47981039 675.48082 matched with
1.49ppm error
b6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 676.46382591
b6:MeBmt-Abu-Ala-MeLeu-Val-MeLeux 676.46382597
b7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 676.47560781
b7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 677.45962339
b6:Leu-MeBmt-Abu-Ala-MeLeu-Val 679.47472497
a6:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 679.51111045
a6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 679.51111045
a6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 679.51111045
a7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 687.51674401
b6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 689.49546039
b6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 689.49546039
b6:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 689.49546039
b6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 690.47947597
b6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 690.47947597

b6:MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 690.47947597
a7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 690.52764301
a7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 691.51165859
b6:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 693.49037501 693.49158 matched with
1.74ppm error
b6:MeBmt-Abu-Ala-MeLeu-Val-MeLeu 693.49037507 693.49158 matched with
1.74ppm error
b7:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 694.48617249 694.48664 matched
with 0.67ppm error
a7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 701.49546045
b7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 701.49600853
a7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 704.54329311
a7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 705.52730869
b6:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 707.50602507
b6:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 707.50602507
b6:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 707.50602507
a7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 708.53820769
a7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 715.51111045
a7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 715.51111045
b7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 715.51165863
a8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 716.50690793
a7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 718.52200955
b7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 718.52255763
a7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 719.50602513
b7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 719.50657321
a7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 722.55385779
b7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 729.49037507
a7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 732.53765955
a7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 732.53765955
b7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 732.53820773
a7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 733.52167513
a7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 733.52167513
b7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 733.52222331
a8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 733.53345703
a8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 734.51747261
a7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 736.53257423
b7:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 736.53312231
b7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 743.50602507
b7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 743.50602507
a7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 743.54241027
a7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 743.54241027
b8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 744.50182255
b7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 746.51692417
b7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 747.50093975
a7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 750.54822423
a7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 750.54822423
b7:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 750.54877241
a8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 751.54402171
a7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 757.55806031
a8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 758.55385779
b7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 760.53257417
b7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 760.53257417
a7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 760.56895937
a7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 760.56895937

b7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 761.51658975
b7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 761.51658975
b8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 761.52837165
a7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 761.55297495
a7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 761.55297495
b8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 762.51238723
b7:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 764.52748885
b7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 771.53732489
b7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 771.53732489
a7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 771.57371037
a8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 772.53257423
a7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 774.58460941
a7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 775.56862499
a8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 775.58040689
a8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 776.56442247
b7:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 778.54313885
b7:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 778.54313885
a7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 778.57952405
a7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 778.57952405
b8:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 779.53893633
b7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 785.55297493
a8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 786.54822423
b8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 786.54877241
b7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 788.56387399 788.56498 matched
with 1.4ppm error
b7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 788.56387399 788.56498 matched
with 1.4ppm error
a7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 788.60025947
b7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 789.54788957
b7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 789.54788957
a8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 789.55912333
a7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 789.58427505
a8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 790.54313891
a7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 792.59517409
a8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 793.59097157
b7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 799.56862499
b8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 800.52748885
a8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 800.60080761
b7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 802.57952403 802.581 matched
with 1.84ppm error
b7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 803.56353961
a8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 803.57477333
b8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 803.57532151
a8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 804.55878891
b8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 804.55933709
b7:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 806.57443867 806.57573 matched
with 1.6ppm error
b7:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 806.57443867 806.57573 matched
with 1.6ppm error
a7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 806.61082415
a8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 807.56968801
b8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 814.54313885
a8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 814.57952405
b7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 816.59517409

b8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 817.55403795 817.55511
matched with 1.31ppm error
b7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 817.57918967
a8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 817.62735671
b8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 818.53805353
a8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 818.61137229
b7:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 820.59008871
a8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 821.58533801 821.58654
matched with 1.46ppm error
b8:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 821.58588619 821.58654
matched with 0.8ppm error
b8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 828.59572223
b8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 831.56968795
a8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 831.60607315
b8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 832.55370353
a8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 832.59008873
b7:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 834.60573877
b8:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 835.56460263
a8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 835.63792139
b8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 842.57443867
a8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 842.61082415
a8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 842.61082415
a9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 843.60662163
b8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 845.62227133
b8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 846.60628691
b8:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 849.58025263
a8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 849.61663783
a8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 856.62647391
b8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 859.60098777
a8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 859.63737325
a8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 859.63737325
b8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 860.58500335
a8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 860.62138883
a8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 860.62138883
a9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 860.63317073
a9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 861.61718631
b8:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 863.63283601
b8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 870.60573877
b8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 870.60573877
a8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 870.64212397
a8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 870.64212397
b9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 871.60153625
a9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 871.63792139
a8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 873.65302301
a8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 874.63703859
b8:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 877.61155245
a8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 877.64793793
a8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 877.64793793
a9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 878.64373541
b8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 884.62138853
a9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 885.61663783
b8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 887.63228787
b8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 887.63228787
a8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 887.66867307

a8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 887.66867307
b8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 888.61630345
b8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 888.61630345
b9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 888.62808535
a8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 888.65268865
a8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 888.65268865
a9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 888.66447049
b9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 889.61210093
a9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 889.64848607
a8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 891.66358769
b8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 898.63703859
b8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 898.63703859
a9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 899.63228793
b9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 899.63283601
b8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 901.64793763
b8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 902.63195321
a9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 902.64318693
a9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 903.62720251
b8:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 905.64285255
b8:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 905.64285255
a8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 905.67923775
a8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 905.67923775
b9:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 906.63865003
a9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 906.67503517
b9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 913.61155245
a9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 913.64793793
a9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 913.64793793
b8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 915.66358769
b8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 915.66358769
b8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 916.64760327
b8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 916.64760327
a9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 916.65883703
b9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 916.65938511
a9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 917.64285261
b9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 917.64340069
b8:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 919.65850231
a9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 920.65375161
b9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 927.62720255
b9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 930.63810155
a9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 930.67448703
a9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 930.67448703
b9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 931.62211713
a9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 931.65850261
a9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 931.65850261
b8:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 933.67415237
b8:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 933.67415237
a9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 934.66940171
934.67044 matched with 1.11ppm error
b9:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 934.66994979
934.67044 matched with 0.52ppm error
b9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 941.64285255
b9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 941.64285255
a9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 941.67923775
a9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 941.67923775

a9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 941.67923775
b9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 944.65375165
944.65538 matched with 1.72ppm error
b9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 945.63776723
b9:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 948.64866623
a9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 948.68505171
a9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 948.68505171
a10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 956.69068523
b9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 958.66940165
b9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 958.66940165
a9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 958.70578685
a9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 958.70578685
a9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 958.70578685
b9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 959.65341723
b9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 959.65341723
a9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 959.68980243
a9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 959.68980243
a9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 959.68980243
b9:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 962.66431633
b9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 969.67415237
b9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 969.67415237
b9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 969.67415237
a10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 973.71723433
a10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 974.70124991
b9:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 976.67996633
b9:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 976.67996633
a9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 976.71635153
a9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 976.71635153
a9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 976.71635153
a9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 983.72618761
b10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x 984.68559985
b9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 986.70070147
b9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 986.70070147
b9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 986.70070147
b9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 987.68471705
b9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 987.68471705
b9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 987.68471705
a10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 991.72779901
a9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 997.74183767
a9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 1000.75273671
b10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu* 1001.71214895
a9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 1001.73675229
b10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux 1002.69616453
b9:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 1004.71126615
b9:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 1004.71126615
b9:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 1004.71126615
b9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 1011.72110223
a10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 1012.71635153
a10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 1012.71635153
a10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 1012.71635153
a10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 1012.71635153
a9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 1014.76838677
a9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 1015.75240235
a9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 1018.76330139

b10:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu 1019.72271363
b9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 1025.73675229
a10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 1026.73200163
b9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 1028.74765133
b9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 1029.73166691
a10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 1029.74290063
a10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 1029.74290063
a10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 1029.74290063
a10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 1029.74290063
a10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 1030.72691621
a10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 1030.72691621
a10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 1030.72691621
a10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 1030.72691621
a9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 1032.77895145
b10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x 1040.71126615
b10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x 1040.71126615
b10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x 1040.71126615
b10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x 1040.71126615
a10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 1040.74765163
b9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 1042.76330139
b9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 1043.74731697
a10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 1043.75855073
a10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 1044.74256631
b9:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 1046.75821601
a10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 1047.75346531
a10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 1047.75346531
a10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 1047.75346531
a10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 1047.75346531
b10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x 1054.72691625
a10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 1054.76330139
b10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala* 1057.73781525
b10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val* 1057.73781525
b10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala* 1057.73781525
b10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu* 1057.73781525
a10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 1057.77420073
b10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax 1058.72183083
b10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx 1058.72183083
b10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux 1058.72183083
b10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax 1058.72183083
a10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 1058.75821631
b9:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 1060.77386607
a10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 1061.76911541
b10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x 1068.74256625
a10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 1068.77895145
a10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 1068.77895145
a10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 1068.77895145
b10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu* 1071.75346535
1071.75508 matched with 1.51ppm error
a10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 1071.78985049
b10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux 1072.73748093
a10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 1072.77386607
b10:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val 1075.74837993
b10:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala 1075.74837993
b10:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu 1075.74837993

b10:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala 1075.74837993
 a10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 1075.78476541
 b10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x 1082.75821601
 b10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu* 1085.76911535
 a10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 1085.80550055
 a10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 1085.80550055
 a10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 1085.80550055
 b10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux 1086.75313093
 a10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 1086.78951613
 a10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 1086.78951613
 a10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 1086.78951613
 b10:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu 1089.76403003
 a10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 1089.80041517
 b10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x 1096.77386607
 b10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x 1096.77386607
 b10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x 1096.77386607
 b10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt* 1099.78476511
 b10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx 1100.76878069
 b10:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu 1103.77968003
 a10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 1103.81606523
 a10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 1103.81606523
 a10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 1103.81606523
 b10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu* 1113.80041517
 b10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala* 1113.80041517
 b10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu* 1113.80041517
 b10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux 1114.78443075
 b10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux 1114.78443075
 b10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax 1114.78443075
 b10:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt 1117.79532979
 b10:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala 1131.81097985
 b10:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu 1131.81097985
 b10:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu 1131.81097985
 a11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x
 1139.81606523
 a11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x
 1139.81606523
 a11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x
 1139.81606523
 a11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x
 1139.81606523
 a11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x
 1139.81606523
 a11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x
 1139.81606523
 a11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x
 1139.81606523
 a11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x
 1139.81606523
 a11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x
 1139.81606523
 a11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x
 1139.81606523
 a11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x
 1139.81606523

a11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*
1156.84261433
a11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*
1156.84261433
a11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*
1156.84261433
a11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*
1156.84261433
a11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*
1156.84261433
a11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*
1156.84261433
a11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*
1156.84261433
a11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*
1156.84261433
a11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*
1156.84261433
a11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*
1156.84261433
a11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*
1156.84261433
a11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax
1157.82662991
a11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax
1157.82662991
a11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux
1157.82662991
a11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux
1157.82662991
a11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux
1157.82662991
a11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux
1157.82662991
a11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax
1157.82662991
a11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx
1157.82662991
a11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux
1157.82662991
a11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux
1157.82662991
a11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx
1157.82662991
b11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*x
1167.81097985
b11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*x
1167.81097985
b11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*x
1167.81097985
b11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*x
1167.81097985
b11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*x
1167.81097985

b11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*x
 1167.81097985
 b11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*x
 1167.81097985
 b11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*x
 1167.81097985
 b11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*x
 1167.81097985
 b11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*x
 1167.81097985
 b11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*x
 1167.81097985
 a11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala1174.85317901
 a11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu1174.85317901
 a11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu1174.85317901
 a11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala1174.85317901
 a11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt1174.85317901
 a11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu1174.85317901
 a11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu1174.85317901
 a11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu1174.85317901
 a11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu1174.85317901
 a11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala1174.85317901
 a11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val1174.85317901
 b11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val*
 1184.83752895 1184.83946 matched with 1.63ppm error
 b11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmtx
 1185.82154453
 b11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeux
 1185.82154453
 b11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeux
 1185.82154453
 b11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Alax
 1185.82154453

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b11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeux
1185.82154453
b11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abux
1185.82154453
b11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeux
1185.82154453
b11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Alax
1185.82154453
b11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leux
1185.82154453
b11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Alax
1185.82154453
b11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Valx
1185.82154453
b11:MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala1202.84809363
1202.84978 matched with 1.4ppm error
b11:MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu1202.84809363
1202.84978 matched with 1.4ppm error
b11:Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala1202.84809363
1202.84978 matched with 1.4ppm error
b11:MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu1202.84809363
1202.84978 matched with 1.4ppm error
b11:Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu1202.84809363
1202.84978 matched with 1.4ppm error
b11:Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu1202.84809363
1202.84978 matched with 1.4ppm error
b11:MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala1202.84809363
1202.84978 matched with 1.4ppm error
b11:Leu-MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu1202.84809363
1202.84978 matched with 1.4ppm error
b11:Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt1202.84809363
1202.84978 matched with 1.4ppm error
b11:Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu1202.84809363
1202.84978 matched with 1.4ppm error
b11:MeLeu-Ala-Ala-MeLeu-MeLeu-Leu-MeBmt-Abu-Ala-MeLeu-Val1202.84809363
1202.84978 matched with 1.4ppm error
----- End of Theoretical ions: -----
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39 peaks from peaklist (52 peaks) found (75%)
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MeBmt-Abu-Ala-MeLeu-Val-MeLeu-Ala-Ala-MeLeu-MeLeu-Leu          75%

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