Supporting Information

Structure-Activity Relationships of GHRP-6 Azapeptide Ligands of the CD36 Scavenger Receptor by Solid-Phase Submonomer Azapeptide Synthesis

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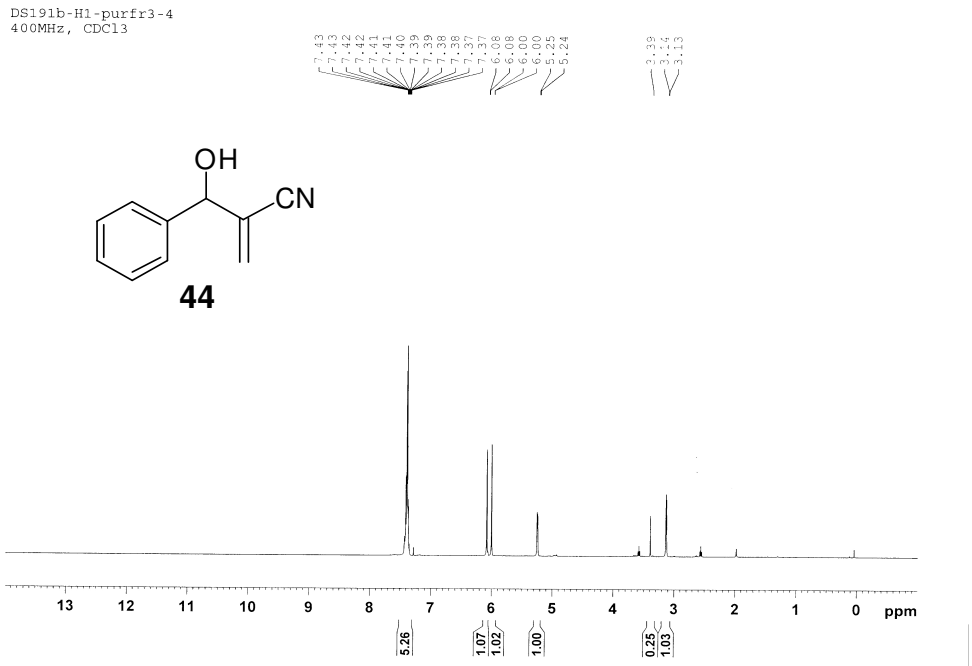
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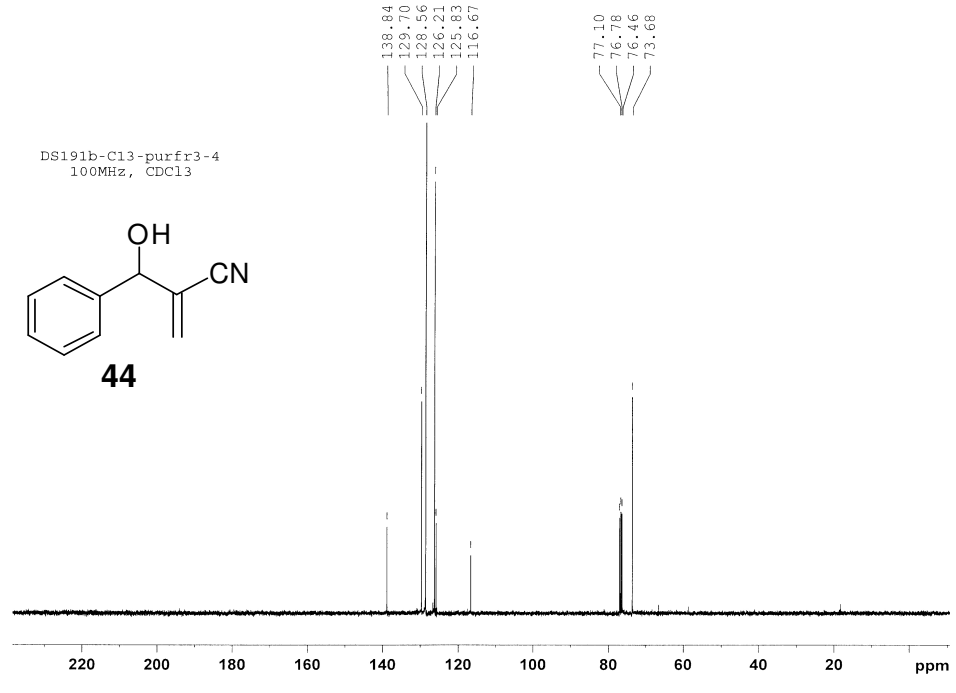
7.43
7.42
7.42
7.41
7.41
7.40
7.39
7.39
7.38
7.38
7.37
7.37
6.08
6.08
6.00
6.00
5.25
5.24
3.39
3.14
3.13
OH
CN
44
13
12
11
10
9
8
7
6
5
4
3
2
1
0
ppm
5.26
1.07
1.02
1.00
0.25
1.03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128.56
126.21
125.83
116.67
77.10
76.78
76.46
73.68
DS191b-C13-purfr3-4
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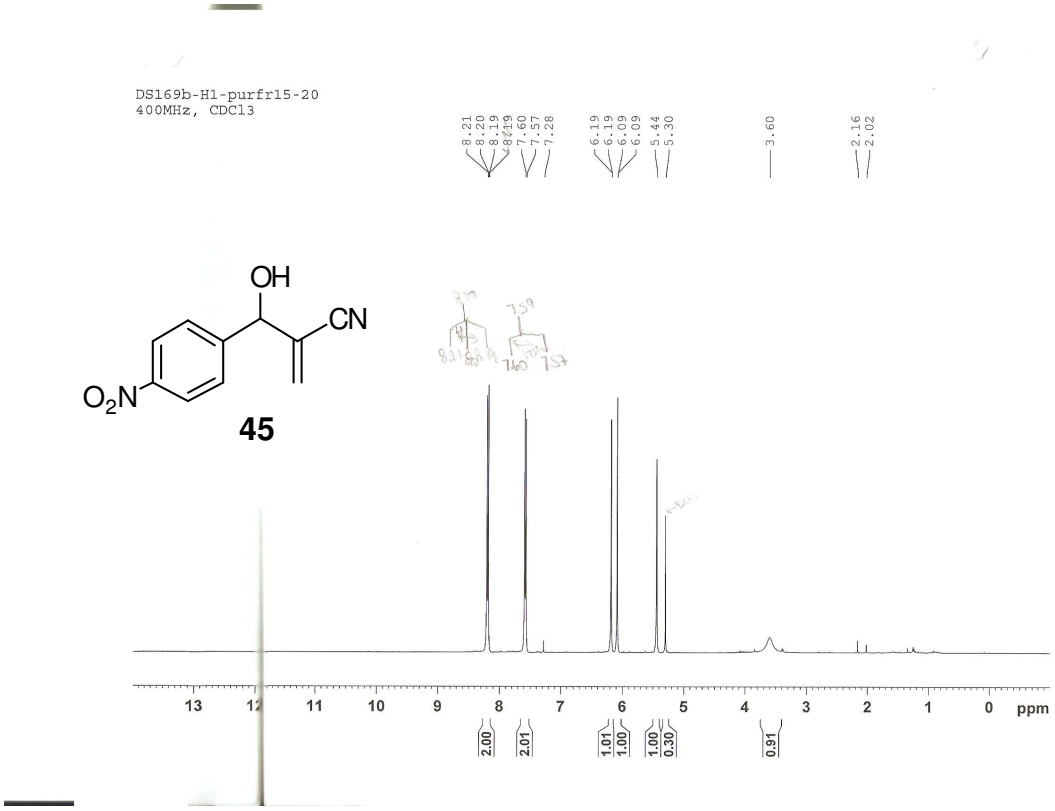
OH
CN
44
220
200
180
160
140
120
100
80
60
40
20
ppm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8.20
8.19
8.19
7.60
7.57
7.28
6.19
6.19
6.09
6.09
5.44
5.30
3.60
2.16
2.02
OH
CN
O2N
45
13
12
11
10
9
8
7
6
5
4
3
2
1
0
ppm
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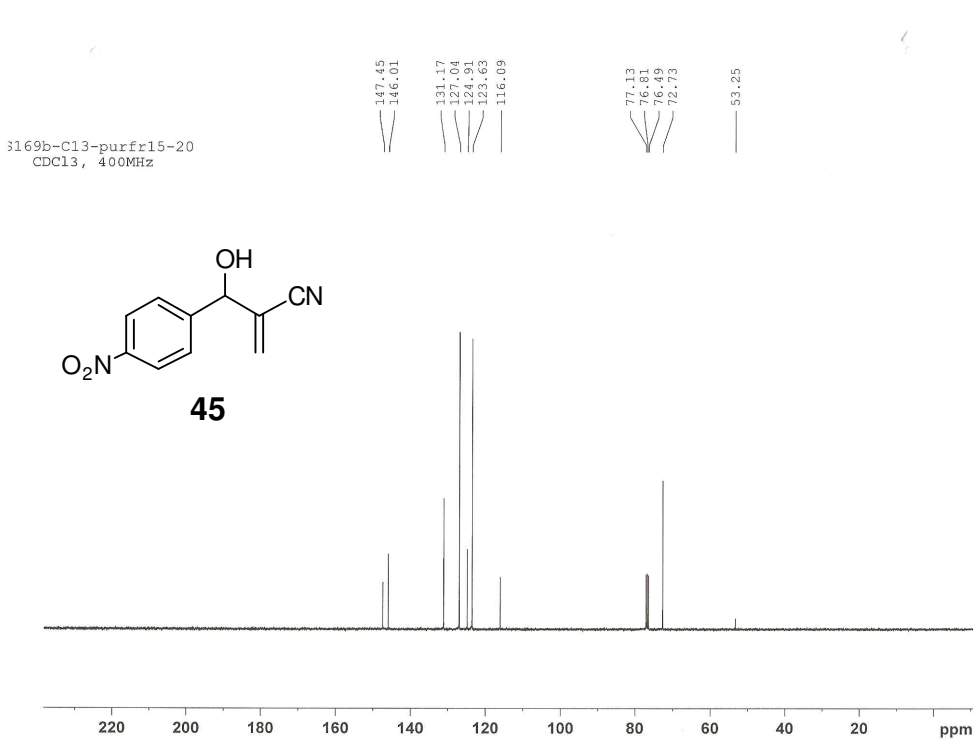
2.01
1.01
1.00
1.00
0.30
0.91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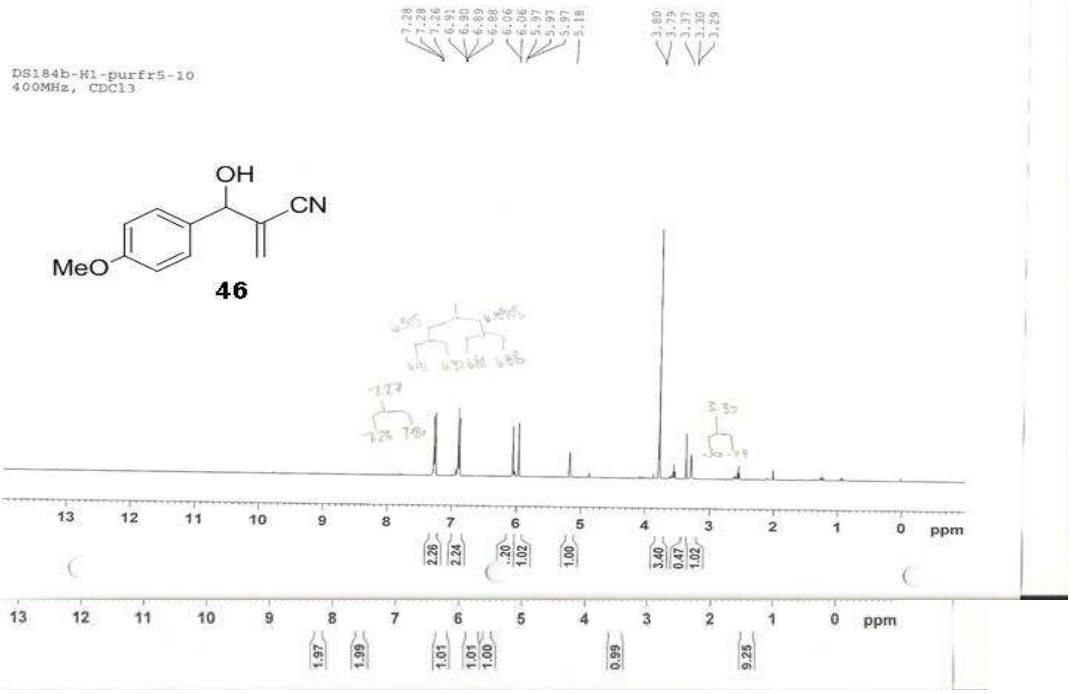
146.01
131.17
127.04
124.91
123.63
116.09
77.13
76.81
76.49
72.73
53.25
OH
CN
O2N
45
220
200
180
160
140
120
100
80
60
40
20
ppm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CN
MeO
46
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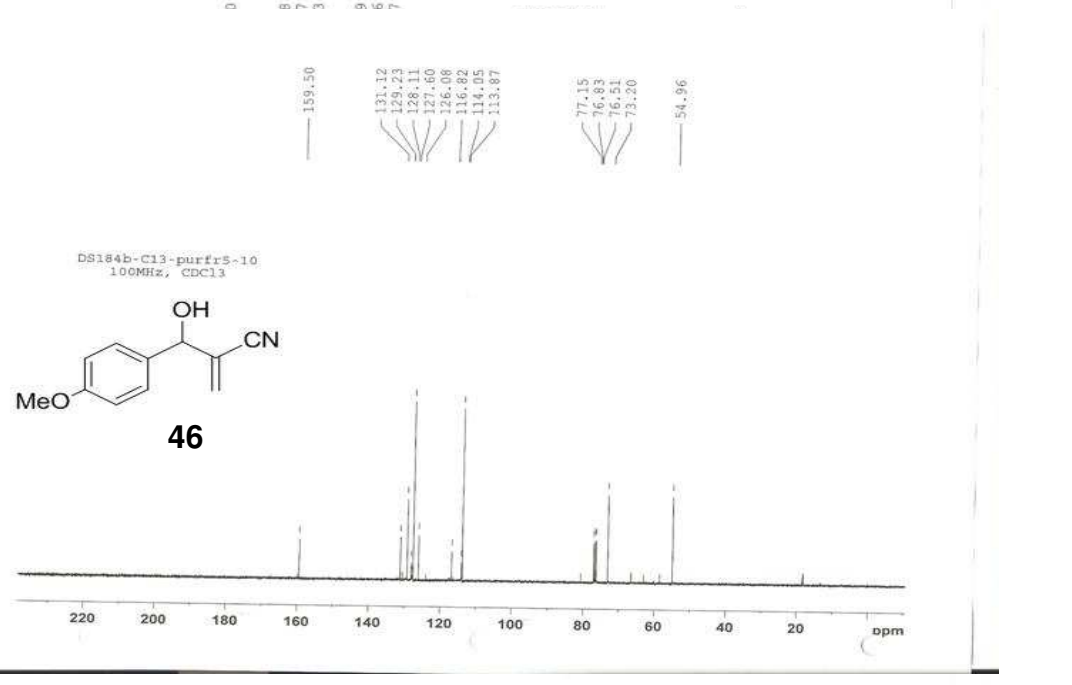
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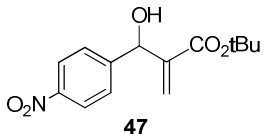
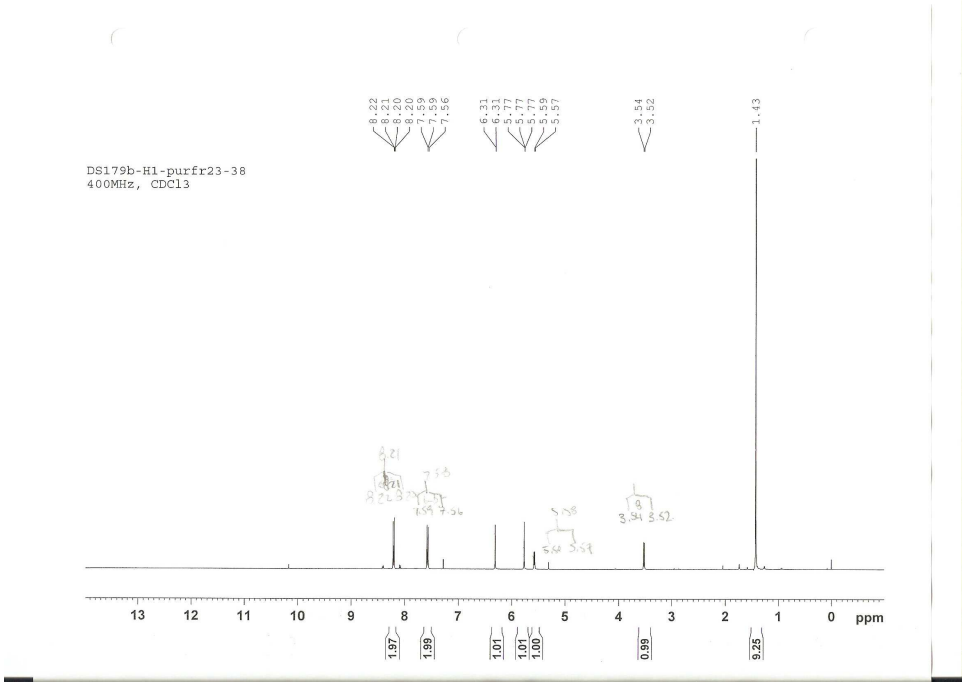
OH
CN
MeO
46
ppm


OH
CO2tBu
O2N

47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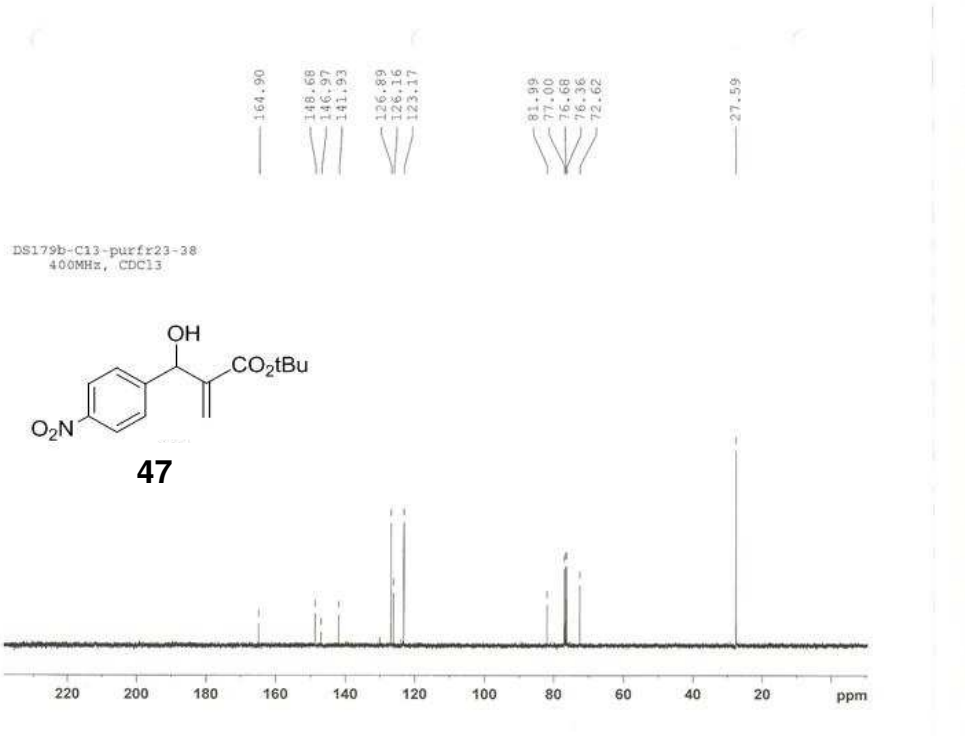
8.21
8.20
8.20
7.59
7.56
6.31
6.31
5.77
5.77
5.77
5.59
5.57
3.54
3.52
1.43
DS179b-H1-purfr23-38
400MHz, CDCl3
13 12 11 10 9 8 7 6 5 4 3 2 1 0 ppm
1.97
1.99
1.01
1.01
1.00
0.99
9.25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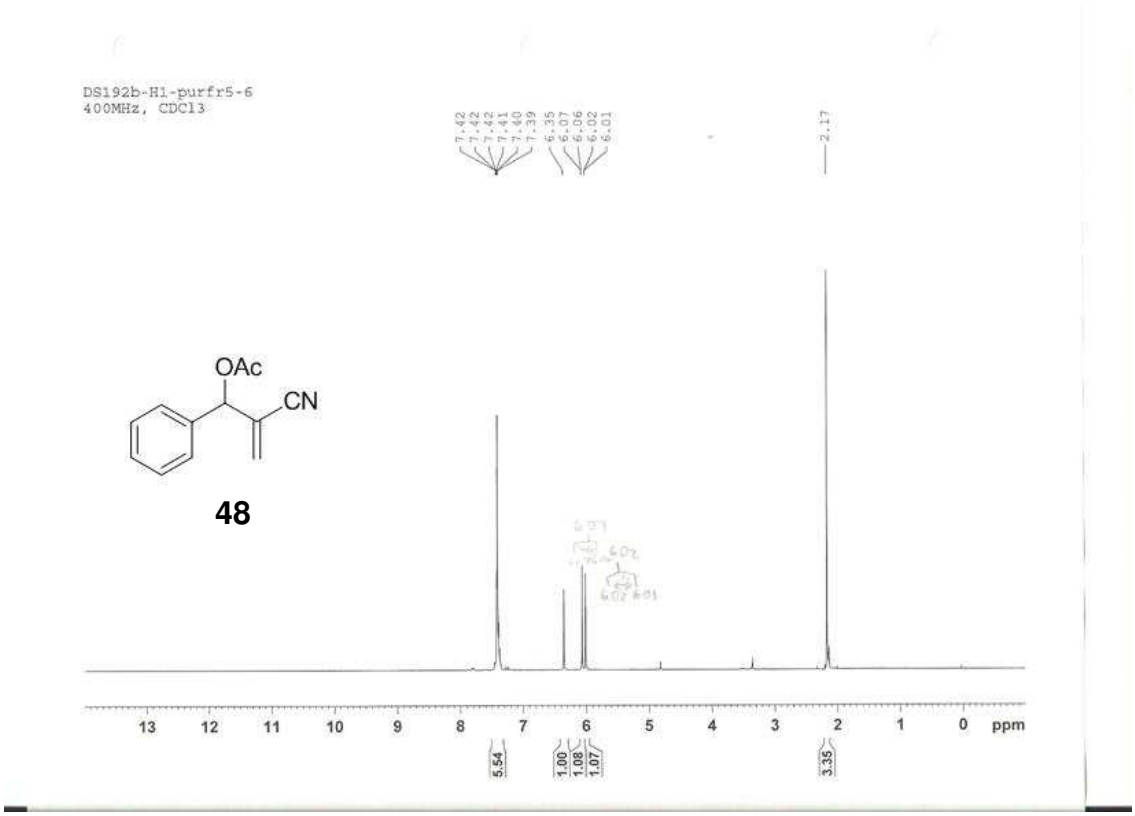
141.93
126.89
126.16
123.17
81.99
77.00
76.68
76.36
72.62
27.59
DS179b-C13-purfr23-38
400MHz, CDCl3
OH
CO2tBu
O2N
220 200 180 160 140 120 100 80 60 40 20 ppm

47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7.42
7.42
7.41
7.40
7.39
6.35
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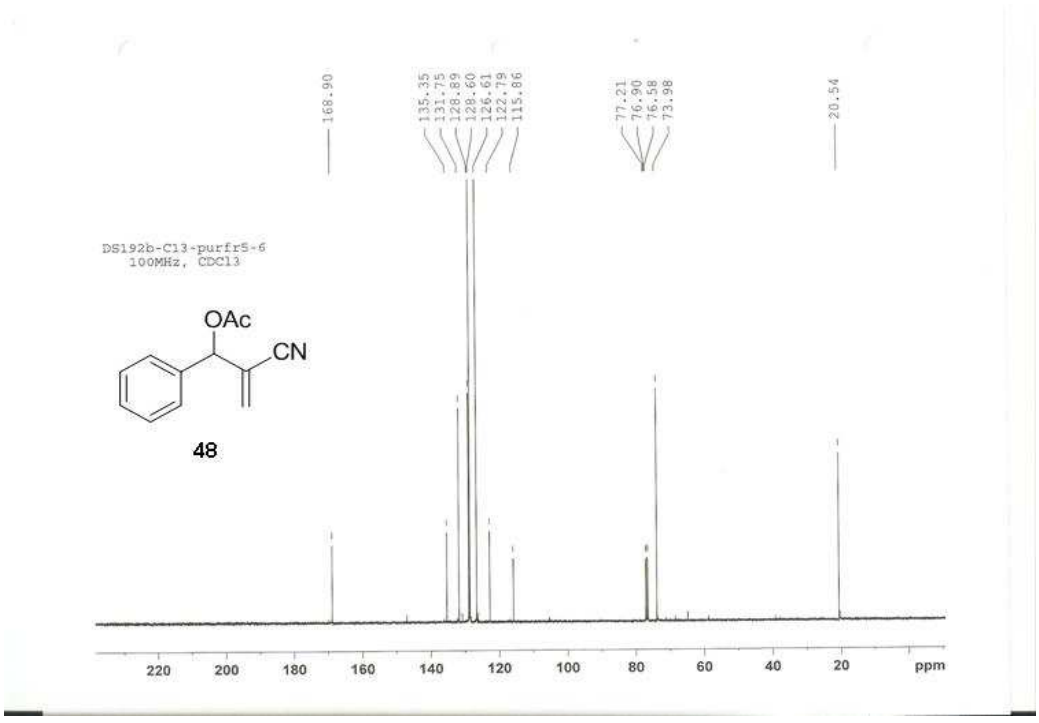
6.06
6.02
6.01
2.17
OAc
CN
48
13
12
11
10
9
8
7
6
5
4
3
2
1
0
ppm
5.54
1.00
1.08
1.07
3.35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131.75
128.89
128.60
126.61
122.79
115.86
77.21
76.90
76.58
73.98
20.54
DS192b-C13-purfr5-6
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OAc
CN
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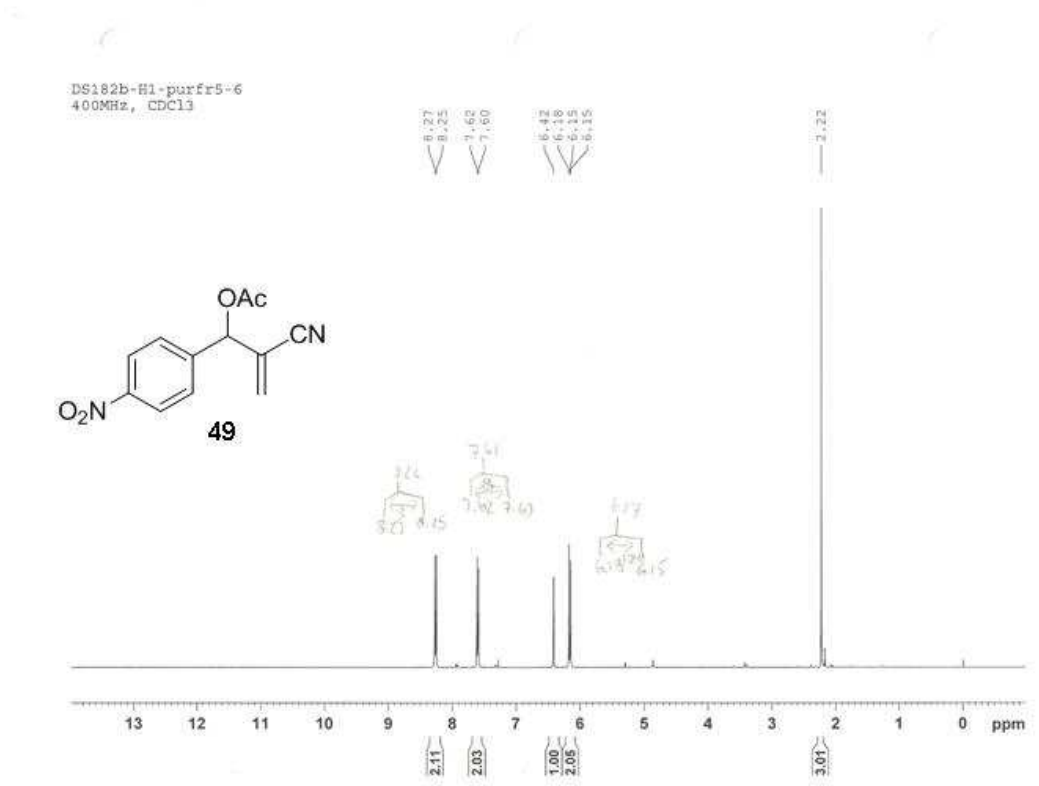
220
200
180
160
140
120
100
80
60
40
20
ppm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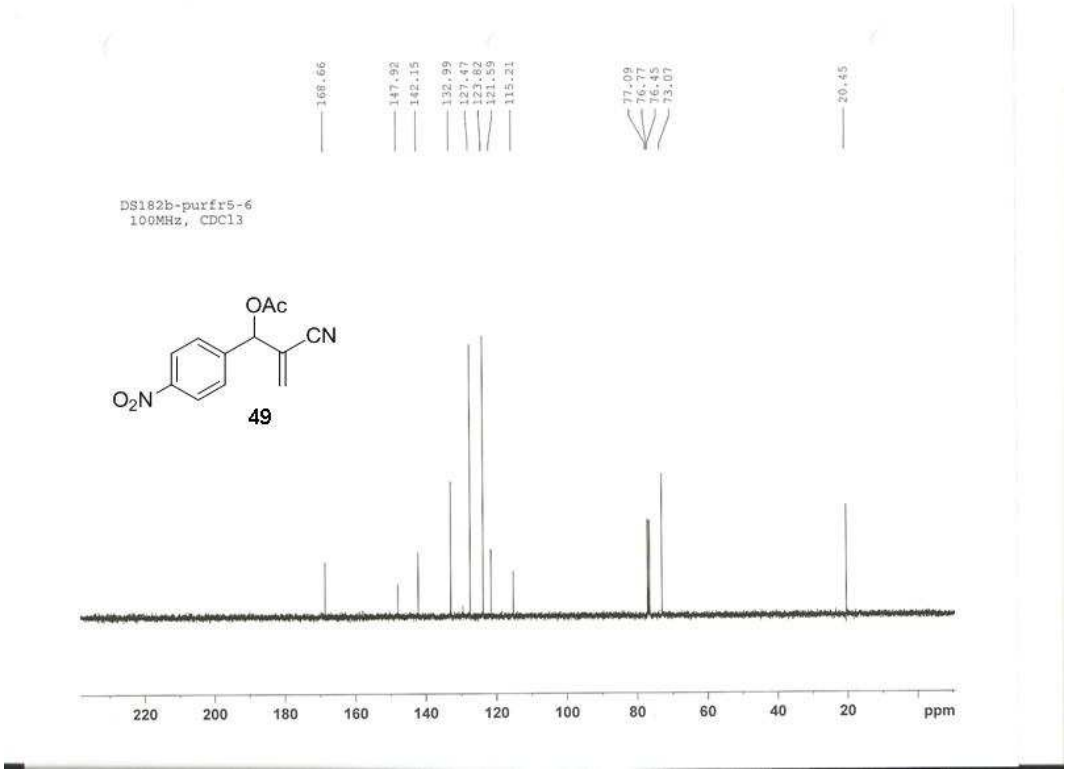
8.25
7.62
7.60
6.42
6.18
6.15
6.15
2.22
OAc
CN
O2N
49
13
12
11
10
9
8
7
6
5
4
3
2
1
0
ppm
2.11
2.03
1.00
2.06
3.01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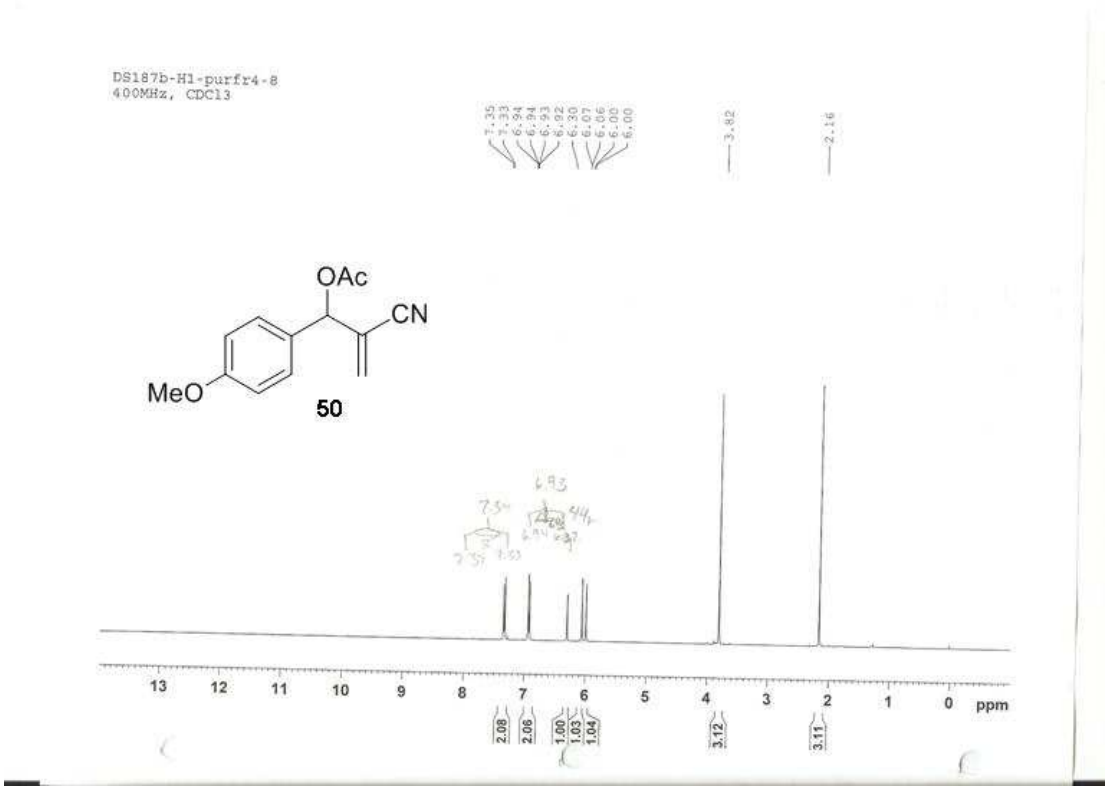
142.15
132.99
127.47
123.82
121.59
115.21
77.09
76.77
76.45
73.07
20.45
DS182b-purfr5-6
100MHz, CDCl3
OAc
CN
O2N
49
220
200
180
160
140
120
100
80
60
40
20
ppm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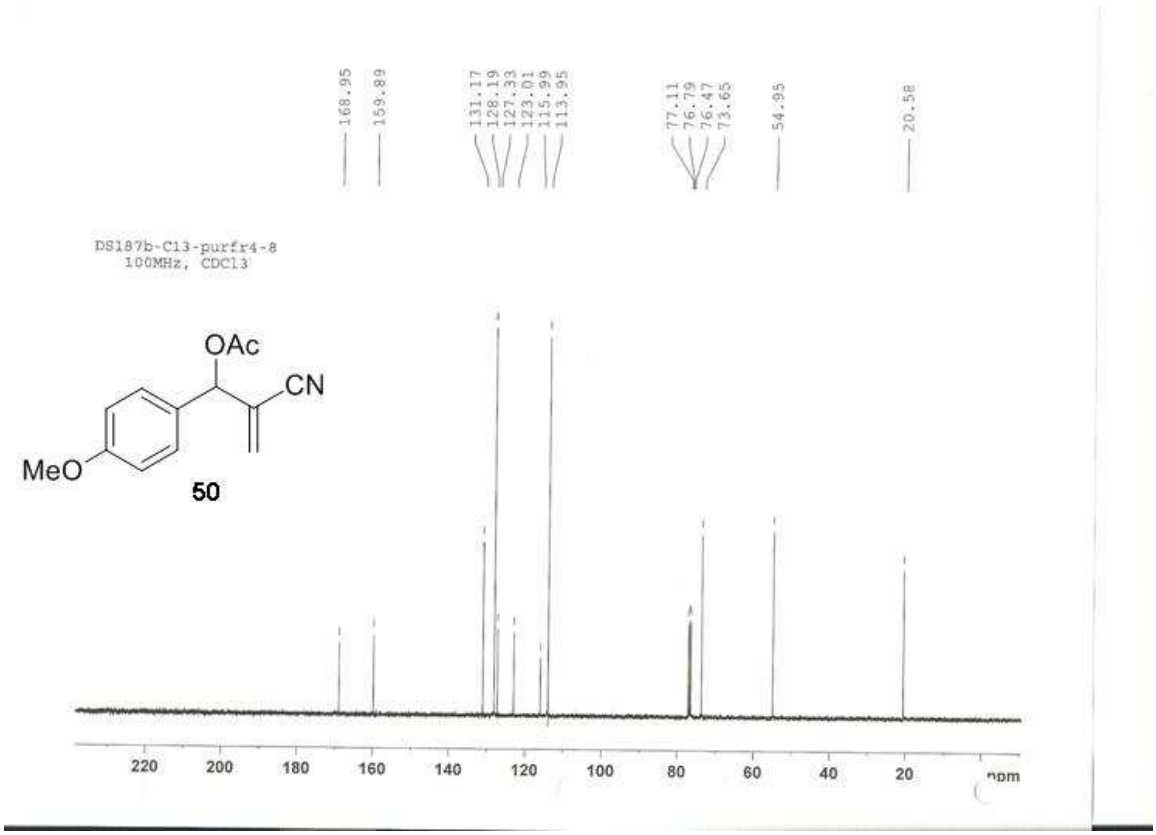
400MHz, CDCl3
7.35
7.33
6.94
6.94
6.93
6.92
6.30
6.07
6.06
6.00
6.00
3.82
2.16
OAc
CN
MeO
50
13
12
11
10
9
8
7
6
5
4
3
2
1
0
ppm
2.08
2.06
1.00
1.03
1.04
3.12
3.11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131.17
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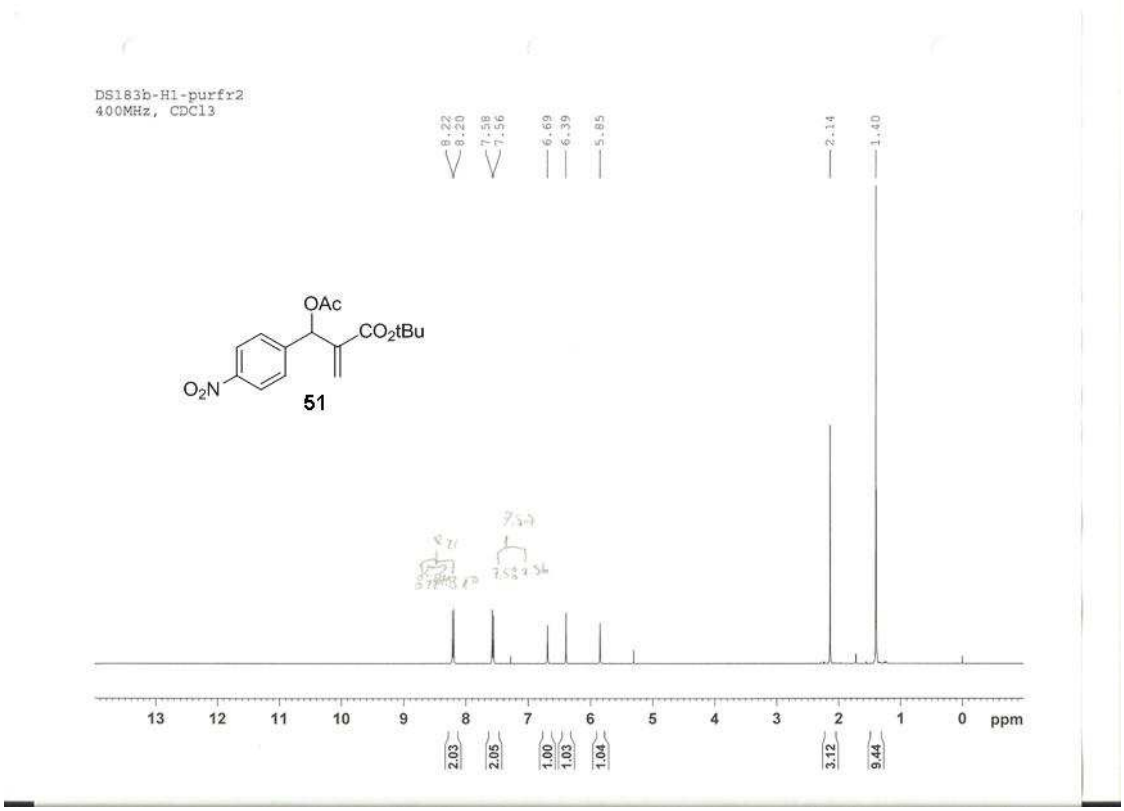
127.33
123.01
115.99
113.95
77.11
76.79
76.47
73.65
54.95
20.58
DS187b-C13-purfr4-8
100MHz, CDCl3
OAc
CN
MeO
50
220
200
180
160
140
120
100
80
60
40
20
ppm


DS183b-H1-purfr2
400MHz, CDCl3
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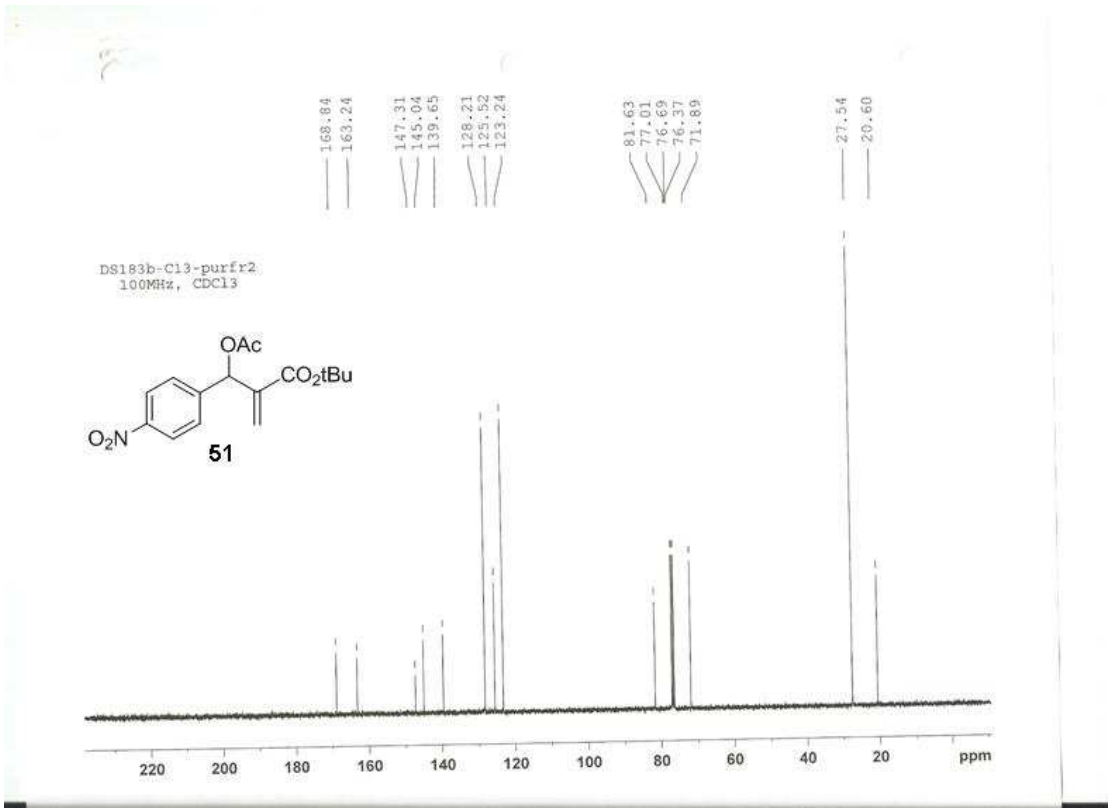
8.20
7.58
7.56
6.69
6.39
5.85
2.14
1.40
OAc
CO2tBu
O2N
51
13 12 11 10 9 8 7 6 5 4 3 2 1 0 ppm
2.03
2.05
1.00
1.03
1.04
3.12
9.44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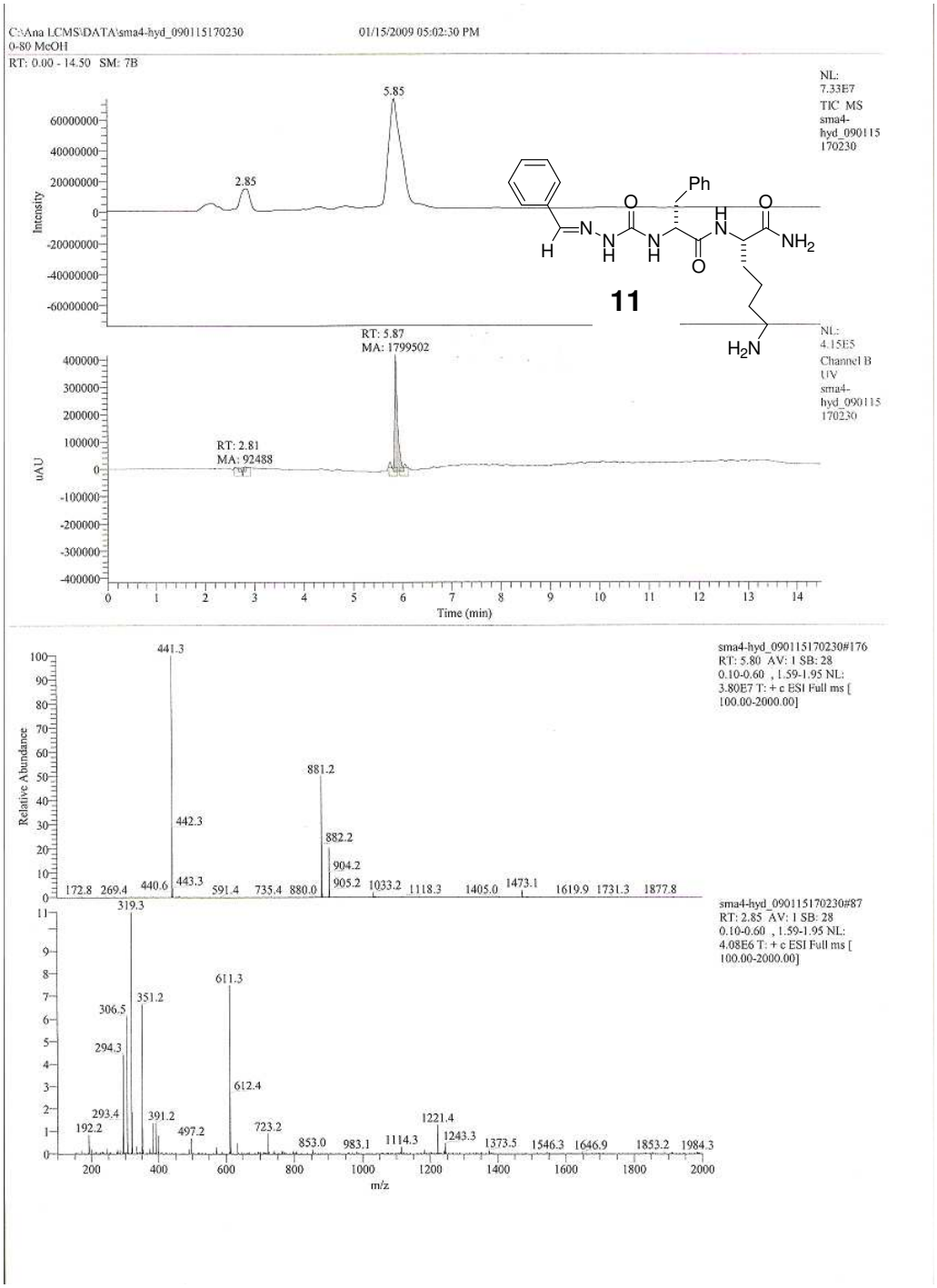
163.24
147.31
145.04
139.65
128.21
125.52
123.24
81.63
77.01
76.69
76.37
71.89
27.54
20.60
DS183b-C13-purfr2
100MHz, CDCl3
OAc
CO2tBu
O2N
51
220 200 180 160 140 120 100 80 60 40 20 ppm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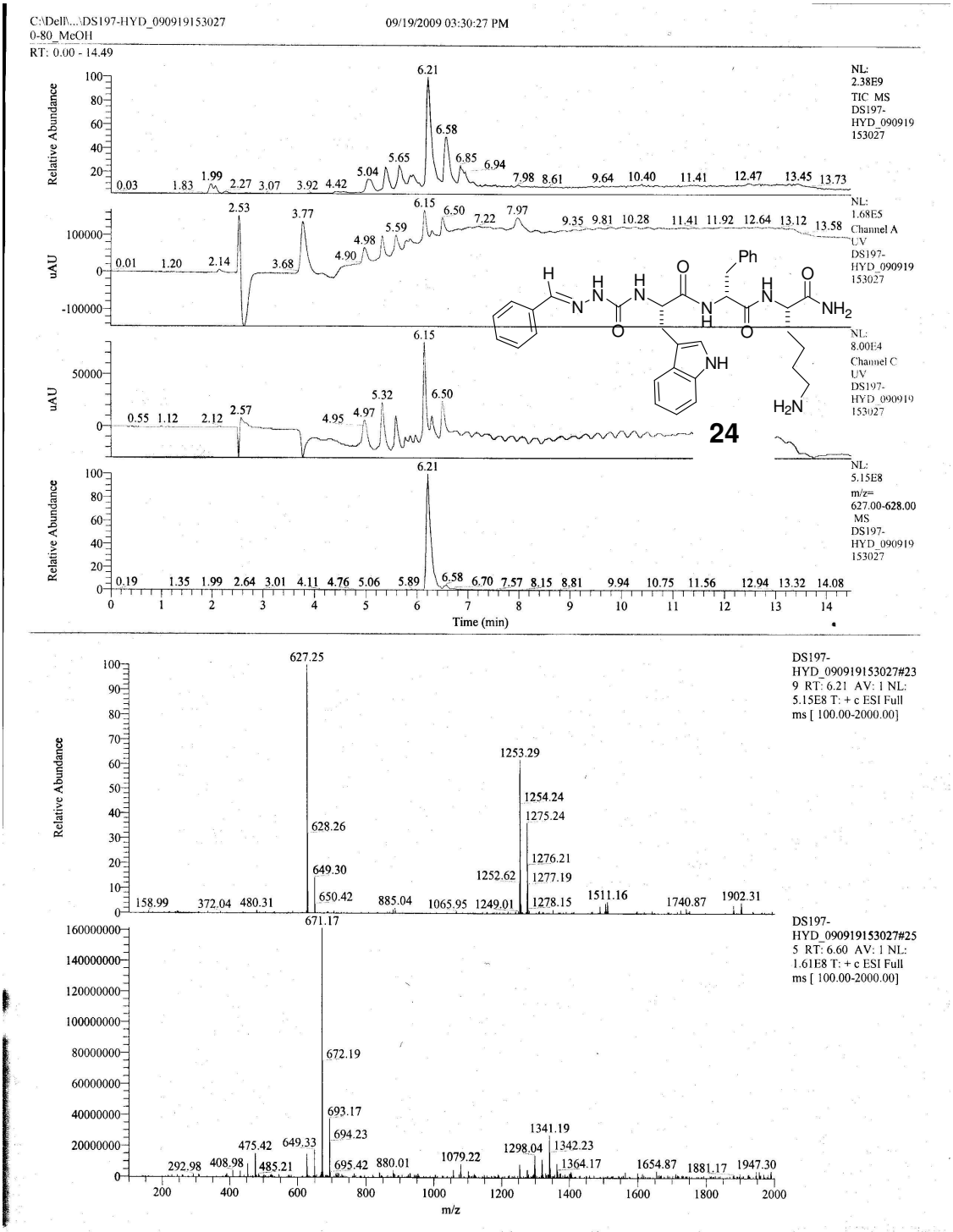
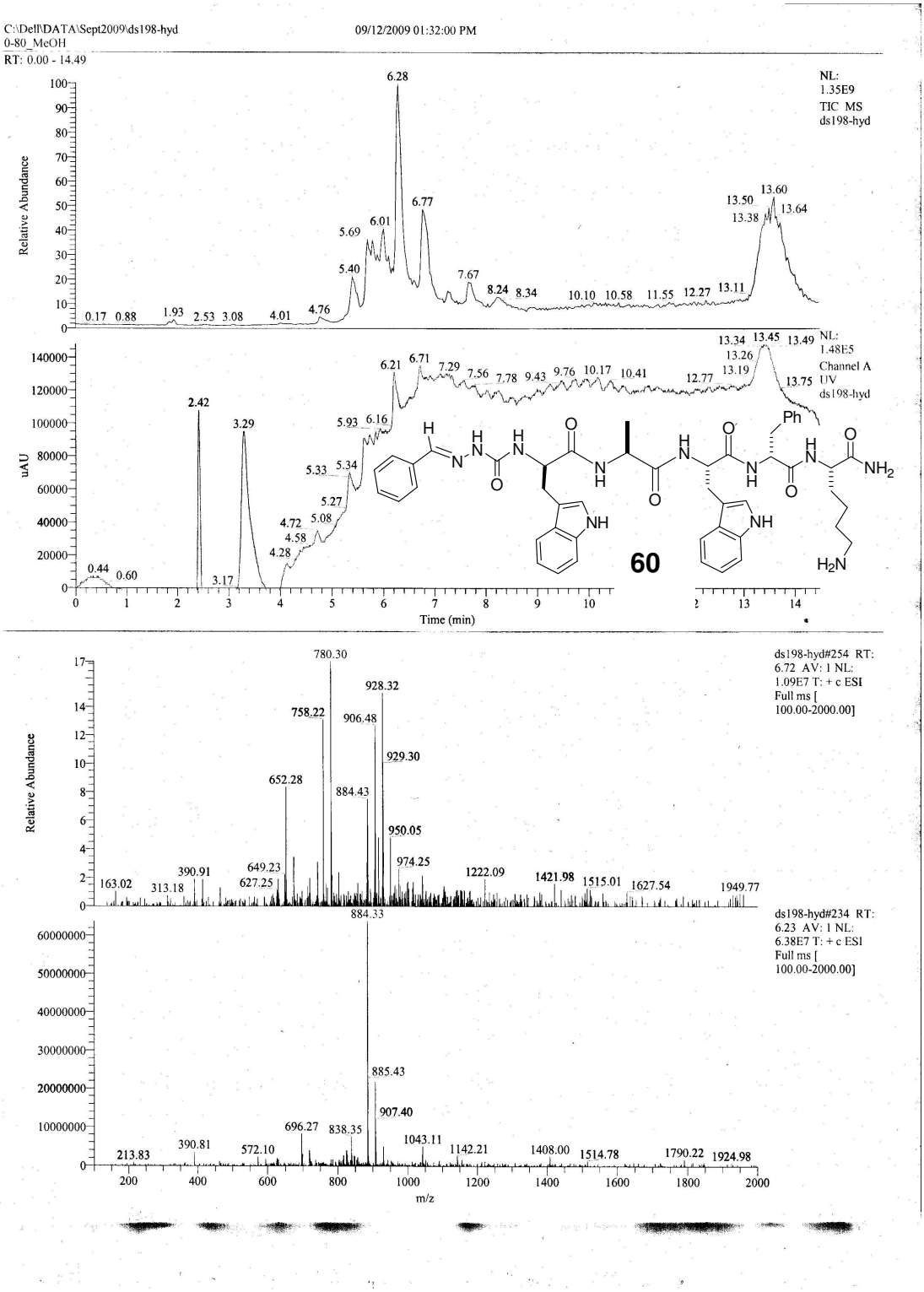
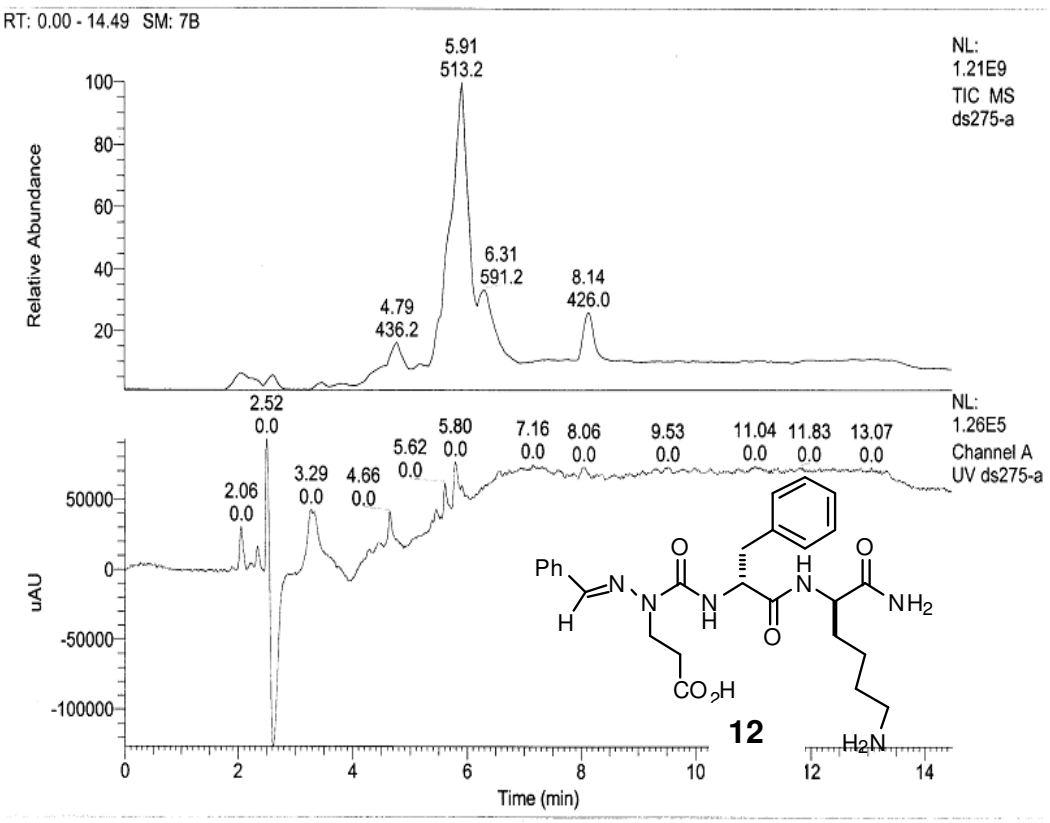
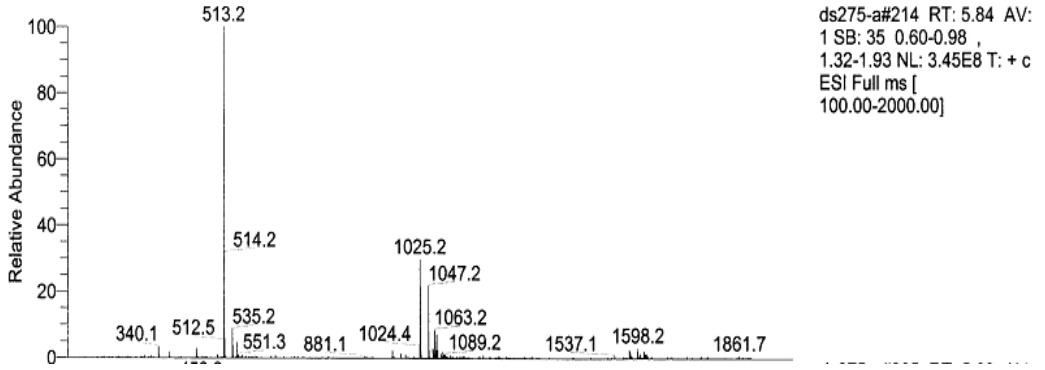
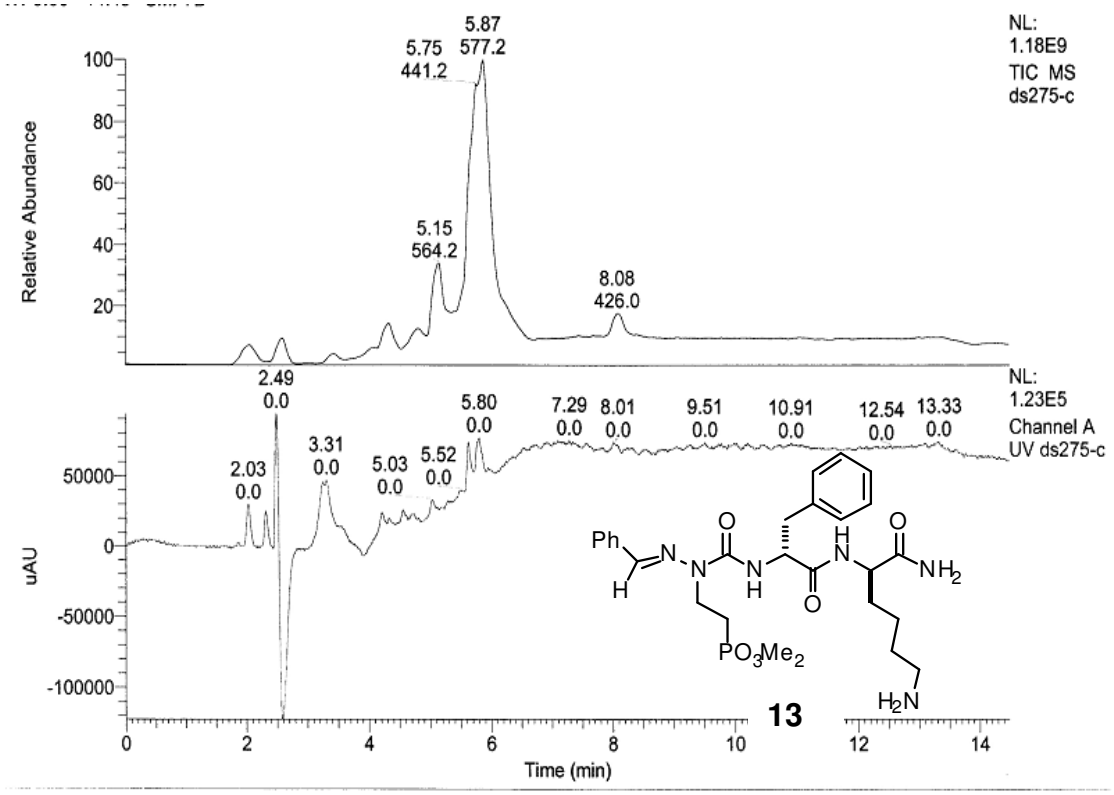
01/15/2009 05:02:30 PM
0-80 MeOH
RT: 0.00 - 14.50 SM: 7B
NL: 7.33E7 TIC MS sma4-hyd_090115170230
5.85
2.85
Intensity
Ph
O
H
N
N
H
O
H
N
O
NH2
H2N
11
RT: 5.87
MA: 1799502
RT: 2.81
MA: 92488
NL: 4.15E5 Channel B UV sma4-hyd_090115170230
uAU
Time (min)
sma4-hyd_090115170230#176
RT: 5.80 AV: 1 SB: 28
0.10-0.60 , 1.59-1.95 NL:
3.80E7 T: + c ESI Full ms [
100.00-2000.00]
Relative Abundance
441.3
881.2
442.3
882.2
904.2
905.2
sma4-hyd_090115170230#87
RT: 2.85 AV: 1 SB: 28
0.10-0.60 , 1.59-1.95 NL:
4.08E6 T: + c ESI Full ms [
100.00-2000.00]
319.3
611.3
351.2
306.5
294.3
612.4
293.4
391.2
192.2
497.2
723.2
1221.4
1243.3
m/z

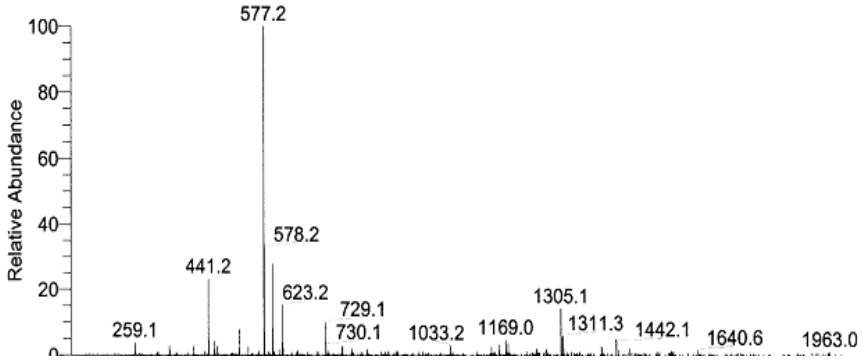

C:\Dell\...\DS197-HYD_090919153027
0-80_MeOH
09/19/2009 03:30:27 PM
RT: 0.00 - 14.49
Relative Abundance
NL:
2.38E9
TIC MS
DS197-
HYD_090919
153027
uAU
NL:
1.68E5
Channel A
UV
DS197-
HYD_090919
153027
NL:
8.00E4
Channel C
UV
DS197-
HYD_090919
153027
24
NL:
5.15E8
m/z=
627.00-628.00
MS
DS197-
HYD_090919
153027
Time (min)
DS197-
HYD_090919153027#239 RT: 6.21 AV: 1 NL: 5.15E8 T: + c ESI Full ms [100.00-2000.00]
DS197-
HYD_090919153027#255 RT: 6.60 AV: 1 NL: 1.61E8 T: + c ESI Full ms [100.00-2000.00]
m/z

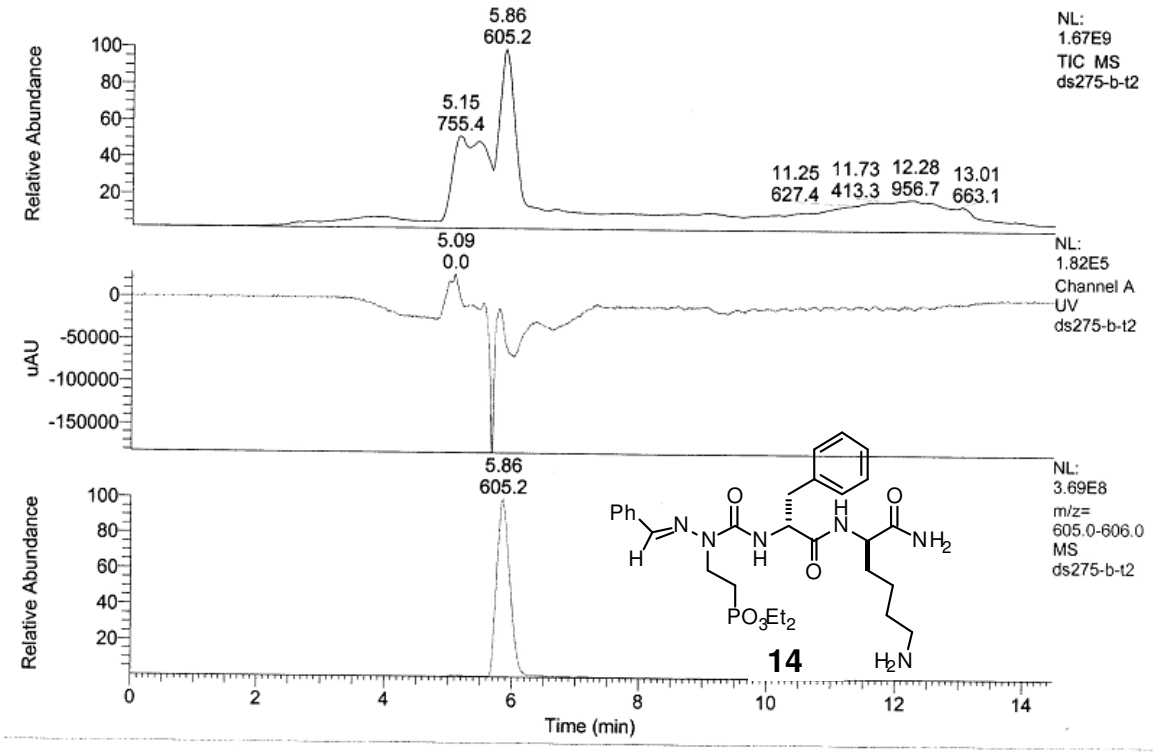

C:\Dell\DATA\Sept2009\ds198-hyd
0-80_MeOH
RT: 0.00 - 14.49
09/12/2009 01:32:00 PM
NL:
1.35E9
TIC MS
ds198-hyd
Relative Abundance
NL:
1.48E5
Channel A
UV
ds198-hyd
uAU
Time (min)
60
ds198-hyd#254 RT:
6.72 AV: 1 NL:
1.09E7 T: + c ESI
Full ms [
100.00-2000.00]
ds198-hyd#234 RT:
6.23 AV: 1 NL:
6.38E7 T: + c ESI
Full ms [
100.00-2000.00]
m/z

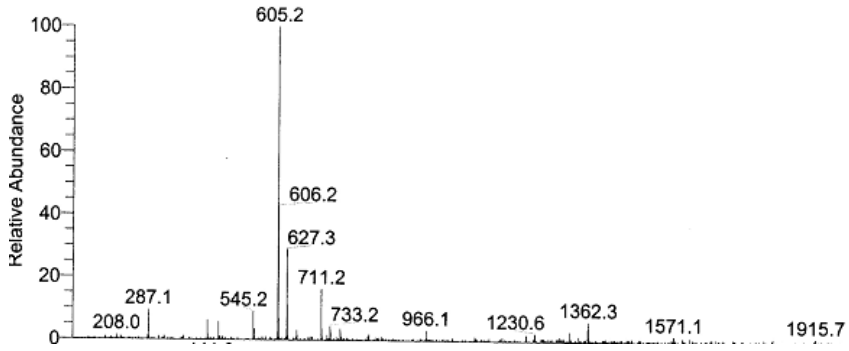

RT: 0.00 - 14.49 SM: 7B
5.91
513.2
NL:
1.21E9
TIC MS
ds275-a
Relative Abundance
6.31
591.2
8.14
426.0
4.79
436.2
2.52
0.0
NL:
1.26E5
Channel A
UV ds275-a
uAU
2.06
0.0
3.29
0.0
4.66
0.0
5.62
0.0
5.80
0.0
7.16
0.0
8.06
0.0
9.53
0.0
11.04
0.0
11.83
0.0
13.07
0.0
Ph
N
H
O
H
N
O
H
N
O
NH2
CO2H
12
H2N
Time (min)

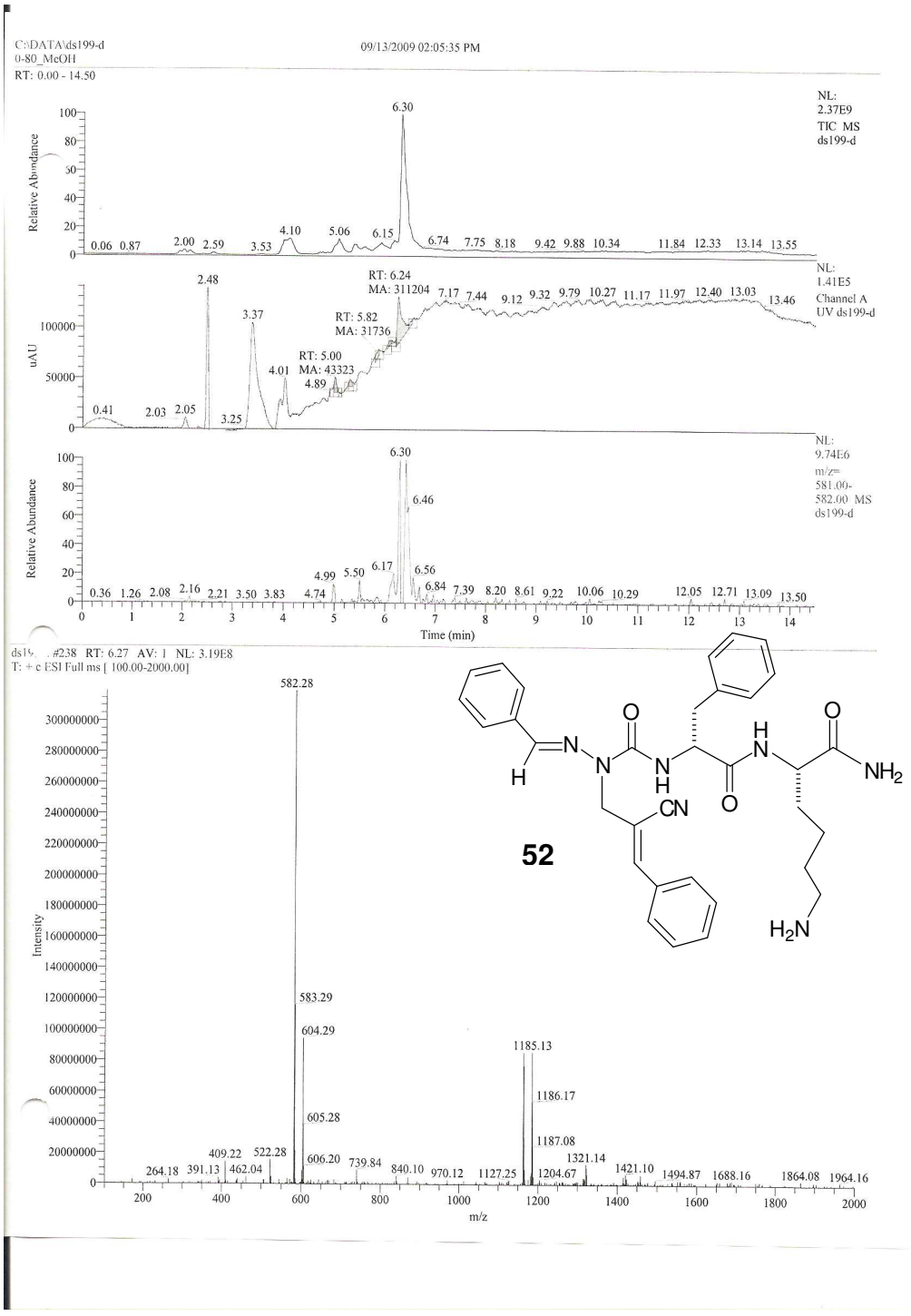

513.2
ds275-a#214 RT: 5.84 AV:
1 SB: 35 0.60-0.98 ,
1.32-1.93 NL: 3.45E8 T: + c
ESI Full ms [
100.00-2000.00]
Relative Abundance
514.2
1025.2
1047.2
535.2
1063.2
340.1
512.5
551.3
881.1
1024.4
1089.2
1537.1
1598.2
1861.7


NL:
1.18E9
TIC MS
ds275-c
Relative Abundance
5.87
577.2
5.75
441.2
5.15
564.2
8.08
426.0
NL:
1.23E5
Channel A
UV ds275-c
uAU
2.49
0.0
2.03
0.0
3.31
0.0
5.03
0.0
5.52
0.0
5.80
0.0
7.29
0.0
8.01
0.0
9.51
0.0
10.91
0.0
12.54
0.0
13.33
0.0
Ph
N
N
O
N
H
H
O
N
H
O
NH2
PO3Me2
H2N
13
Time (min)


ds275-c#215 RT: 5.80 AV:
1 SB: 34 0.59-0.98 ,
1.34-1.91 NL: 1.74E8 T: + c
ESI Full ms [
100.00-2000.00]
Relative Abundance
577.2
578.2
441.2
623.2
729.1
730.1
259.1
1033.2
1169.0
1305.1
1311.3
1442.1
1640.6
1963.0


5.86
605.2
NL:
1.67E9
TIC MS
ds275-b-t2
5.15
755.4
11.25
627.4
11.73
413.3
12.28
956.7
13.01
663.1
Relative Abundance
5.09
0.0
NL:
1.82E5
Channel A
UV
ds275-b-t2
uAU
5.86
605.2
NL:
3.69E8
m/z=
605.0-606.0
MS
ds275-b-t2
Relative Abundance
Ph
N
N
O
N
H
H
N
O
O
NH2
PO3Et2
14
H2N
Time (min)


605.2
606.2
627.3
711.2
287.1
545.2
208.0
733.2
966.1
1230.6
1362.3
1571.1
1915.7
Relative Abundance
ds275-b-t2#228 RT: 5.86 AV:
1 SB: 39 0.59-0.99 , 1.33-1.91
NL: 3.67E8 T: + c ESI Full ms [
100.00-2000.00]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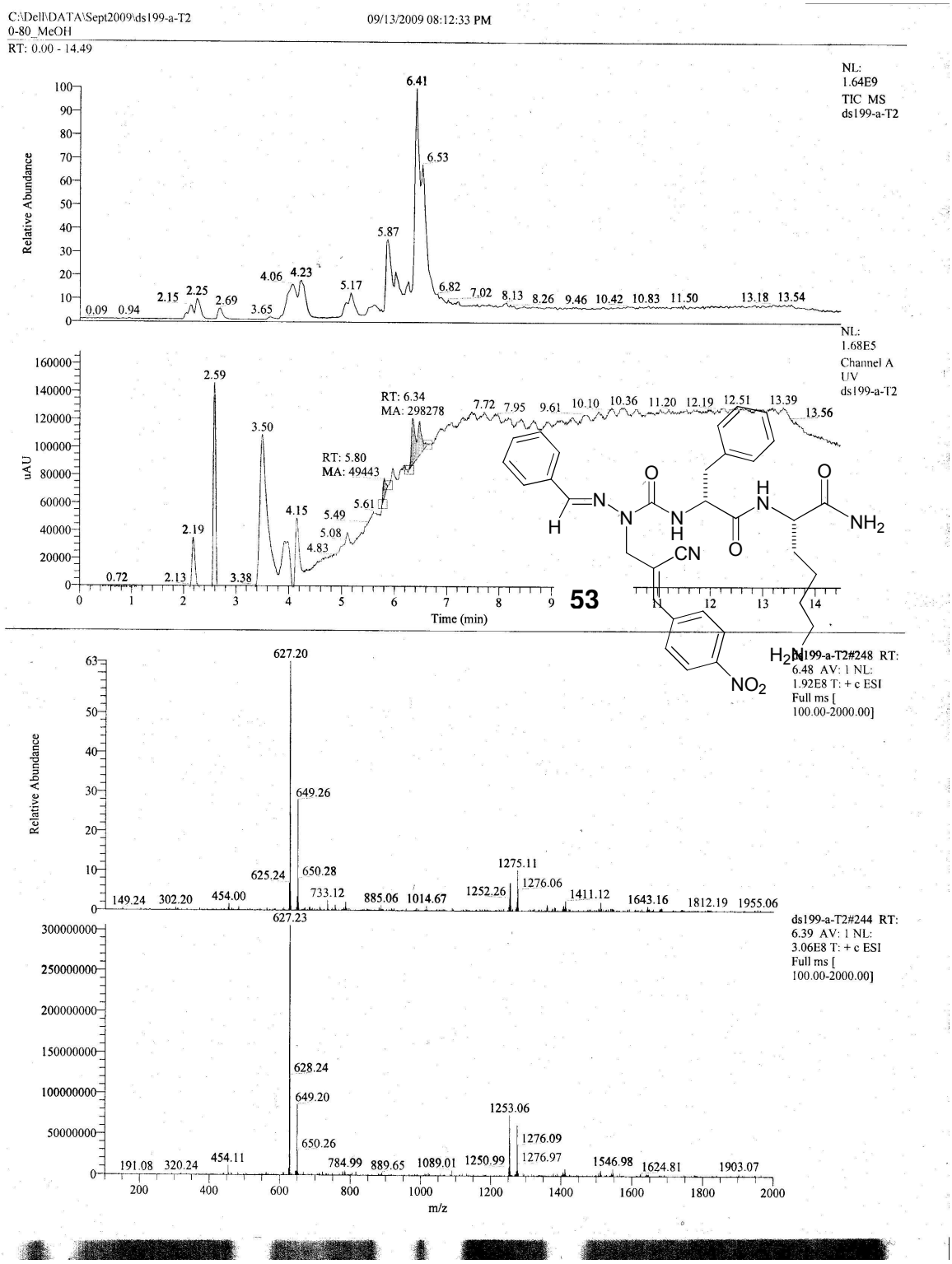
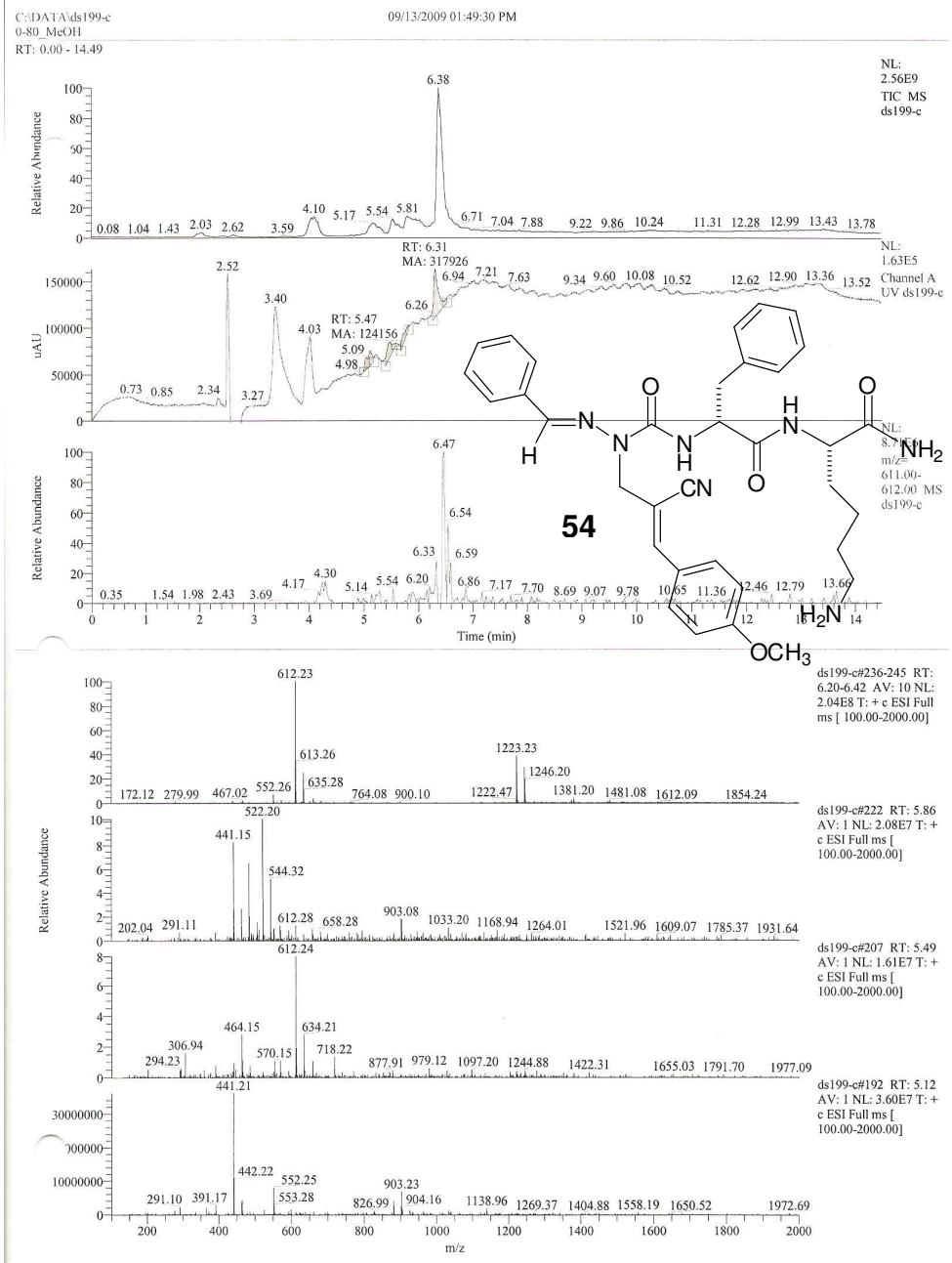
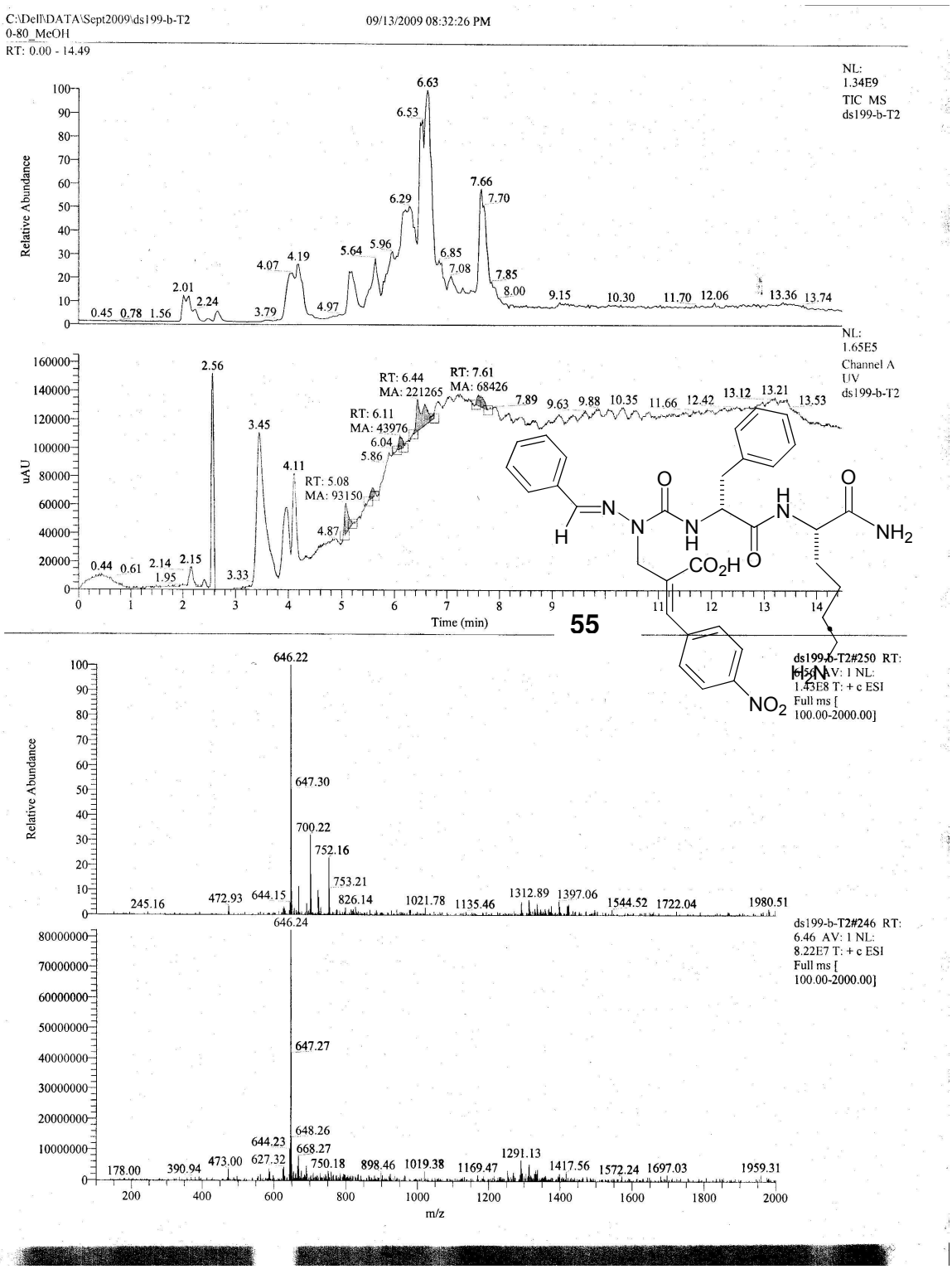
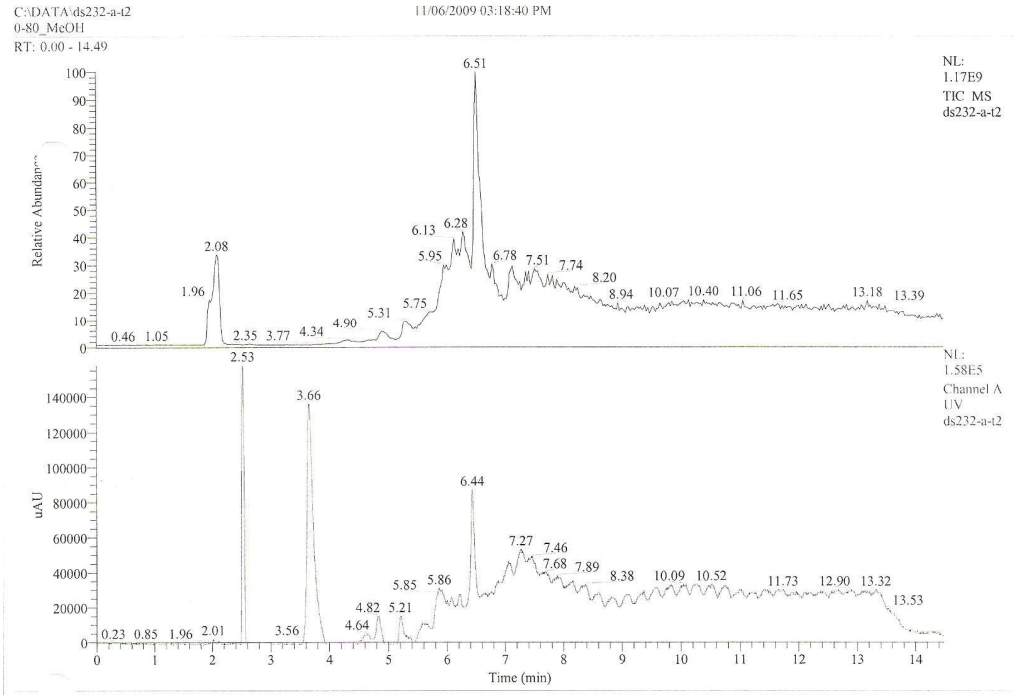
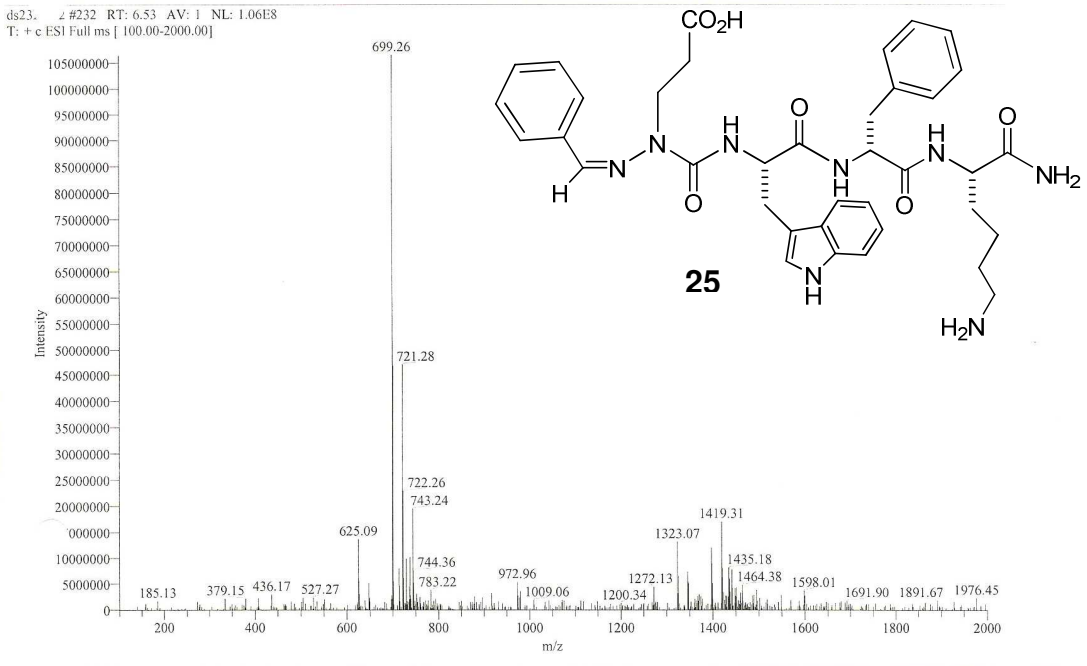
0-80_MeOH
09/13/2009 02:05:35 PM
RT: 0.00 - 14.50
NL: 2.37E9 TIC MS ds199-d
Relative Abundance
Time (min)
NL: 1.41E5 Channel A UV ds199-d
uAU
RT: 6.24 MA: 311204
RT: 5.82 MA: 31736
RT: 5.00 MA: 43323
NL: 9.74E6 m/z= 581.00-582.00 MS ds199-d
ds199 #238 RT: 6.27 AV: 1 NL: 3.19E8
T: + c ESI Full ms [100.00-2000.00]
Intensity
m/z
582.28
583.29
604.29
605.28
606.20
1185.13
1186.17
1187.08
52

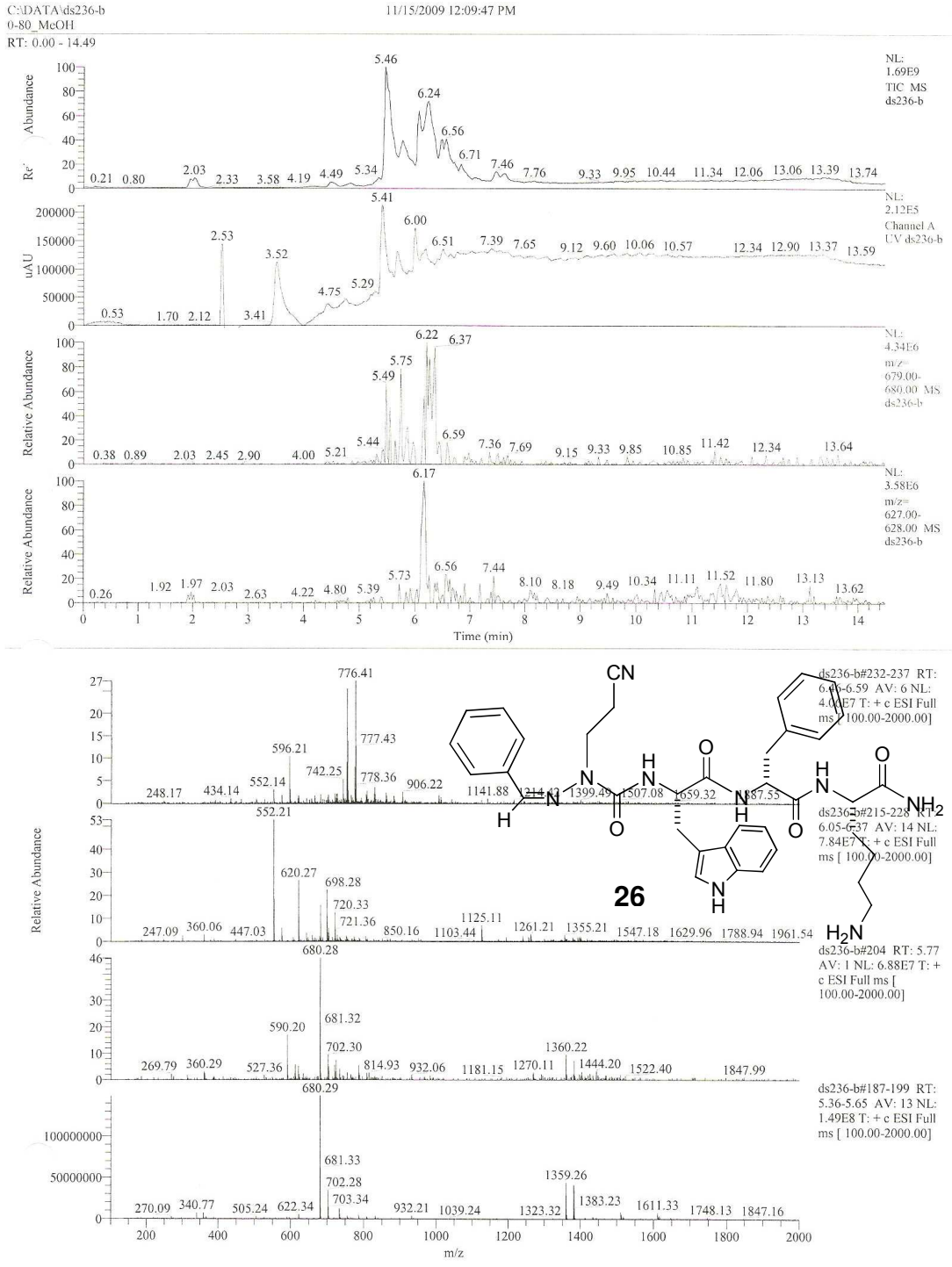

C:\Dell\DATA\Sept2009\ds199-a-T2
0-80_MeOH
09/13/2009 08:12:33 PM
RT: 0.00 - 14.49
NL:
1.64E9
TIC MS
ds199-a-T2
Relative Abundance
6.41
6.53
5.87
4.06
4.23
5.17
2.15
2.25
2.69
3.65
0.09
0.94
6.82
7.02
8.13
8.26
9.46
10.42
10.83
11.50
13.18
13.54
NL:
1.68E5
Channel A
UV
ds199-a-T2
uAU
2.59
3.50
RT: 6.34
MA: 298278
RT: 5.80
MA: 49443
4.15
5.49
5.61
5.08
4.83
2.19
0.72
2.13
3.38
7.72
7.95
9.61
10.10
10.36
11.20
12.19
12.51
13.39
13.56
Time (min)
53
ds199-a-T2#248 RT:
6.48 AV: 1 NL:
1.92E8 T: + c ESI
Full ms [
100.00-2000.00]
627.20
649.26
625.24
650.28
733.12
885.06
1014.67
1252.26
1275.11
1276.06
1411.12
1643.16
1812.19
1955.06
149.24
302.20
454.00
ds199-a-T2#244 RT:
6.39 AV: 1 NL:
3.06E8 T: + c ESI
Full ms [
100.00-2000.00]
627.23
628.24
649.20
650.26
1253.06
1276.09
1276.97
454.11
191.08
320.24
784.99
889.65
1089.01
1250.99
1546.98
1624.81
1903.07
m/z

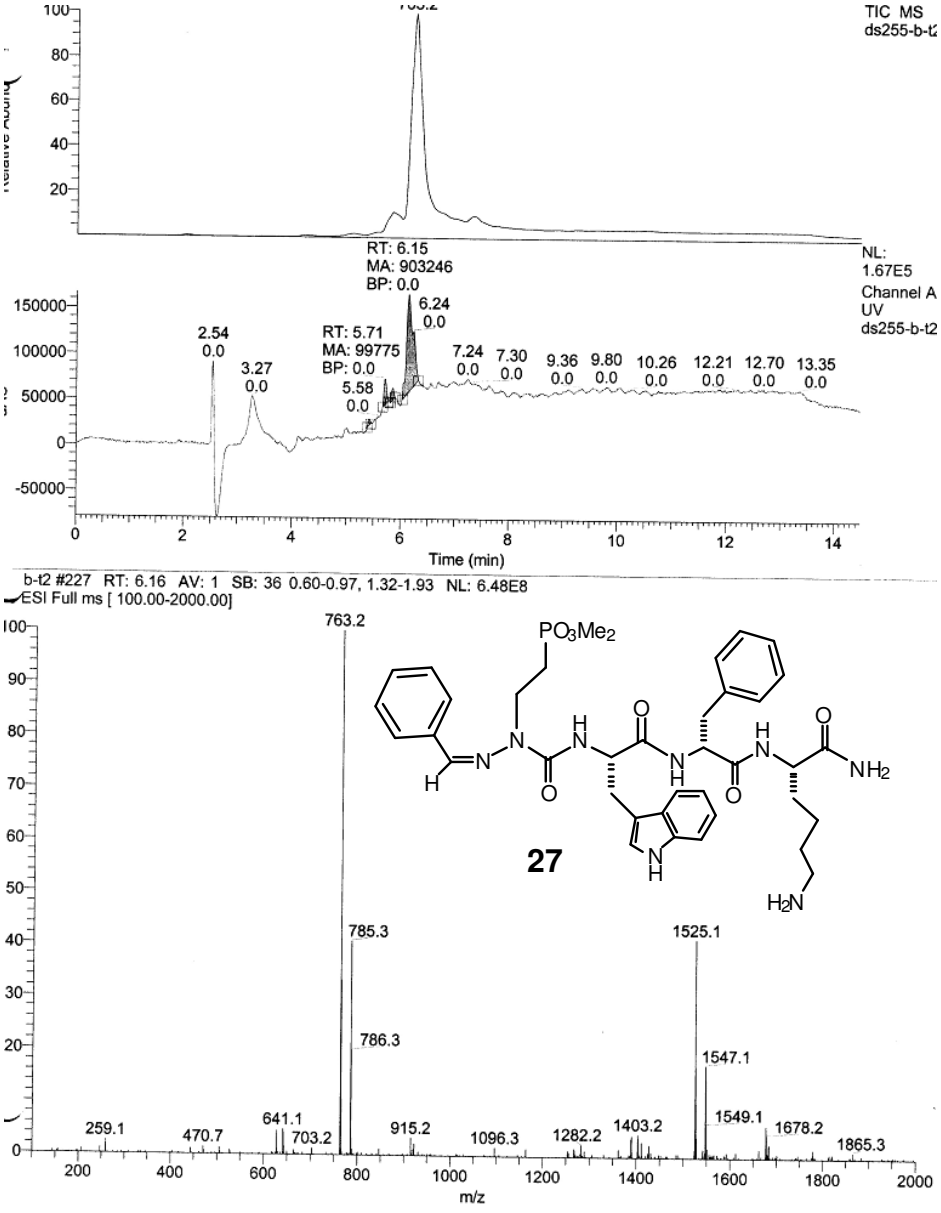

C:\DATA\ds199-c
0-80_MeOH
RT: 0.00 - 14.49
09/13/2009 01:49:30 PM
NL:
2.56E9
TIC MS
ds199-c
Relative Abundance
Time (min)
RT: 6.31
MA: 317926
RT: 5.47
MA: 124156
NL:
1.63E5
Channel A
UV ds199-c
uAU
54
ds199-c#236-245 RT: 6.20-6.42 AV: 10 NL: 2.04E8 T: + c ESI Full ms [100.00-2000.00]
ds199-c#222 RT: 5.86 AV: 1 NL: 2.08E7 T: + c ESI Full ms [100.00-2000.00]
ds199-c#207 RT: 5.49 AV: 1 NL: 1.61E7 T: + c ESI Full ms [100.00-2000.00]
ds199-c#192 RT: 5.12 AV: 1 NL: 3.60E7 T: + c ESI Full ms [100.00-2000.00]
m/z

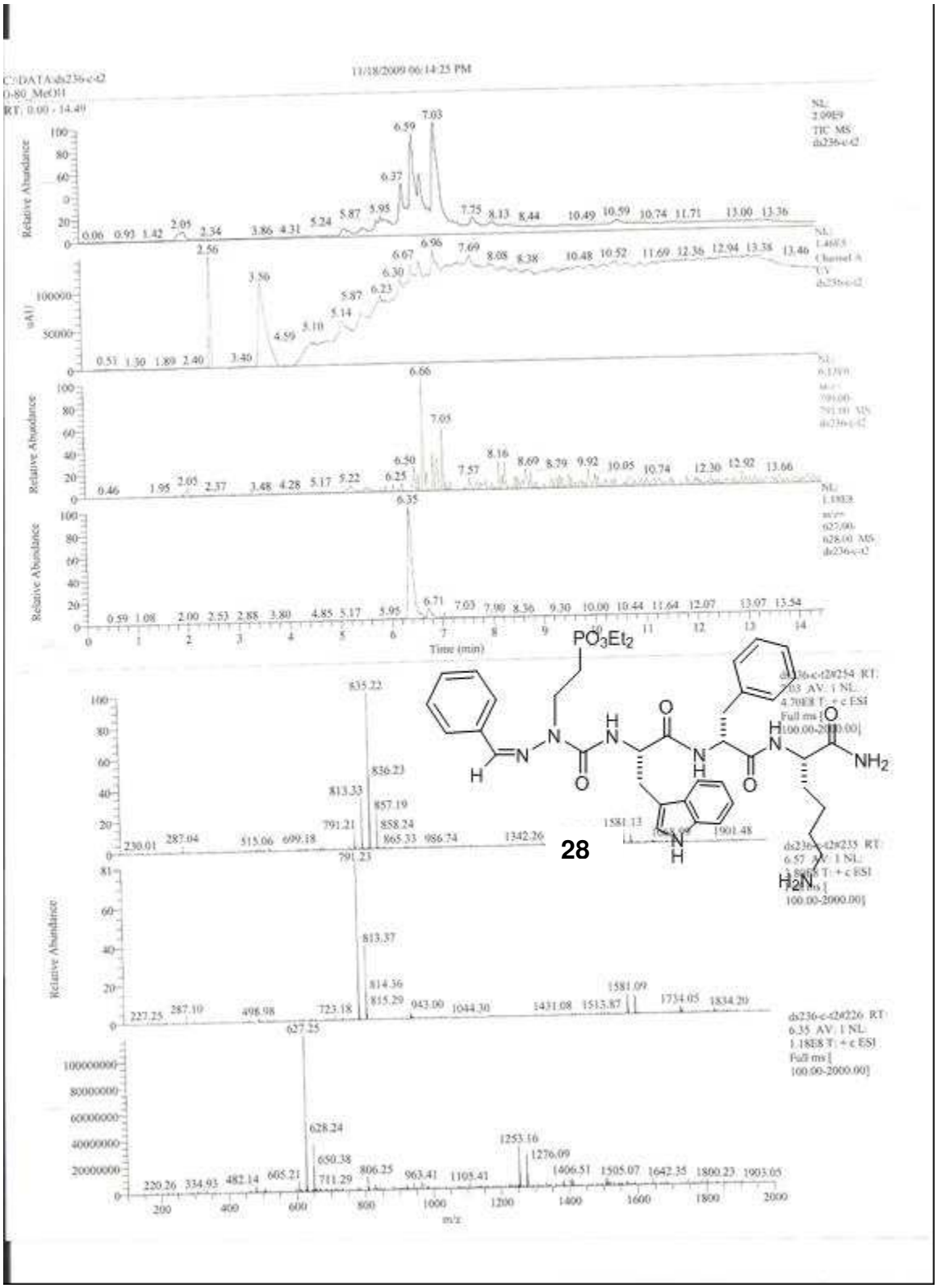

C:\Dell\DATA\Sept2009\ds199-b-T2 0-80_MeOH
09/13/2009 08:32:26 PM
RT: 0.00 - 14.49
NL: 1.34E9 TIC MS ds199-b-T2
Relative Abundance
NL: 1.65E5 Channel A UV ds199-b-T2
uAU
RT: 6.44 MA: 221265
RT: 7.61 MA: 68426
RT: 6.11 MA: 43976
RT: 5.08 MA: 93150
Time (min)
55
ds199-b-T2#250 RT: 6.51 AV: 1 NL: 1.43E8 T: + c ESI Full ms [100.00-2000.00]
646.22
647.30
700.22
752.16
753.21
646.24
647.27
648.26
644.23
668.27
627.32
m/z
ds199-b-T2#246 RT: 6.46 AV: 1 NL: 8.22E7 T: + c ESI Full ms [100.00-2000.00]

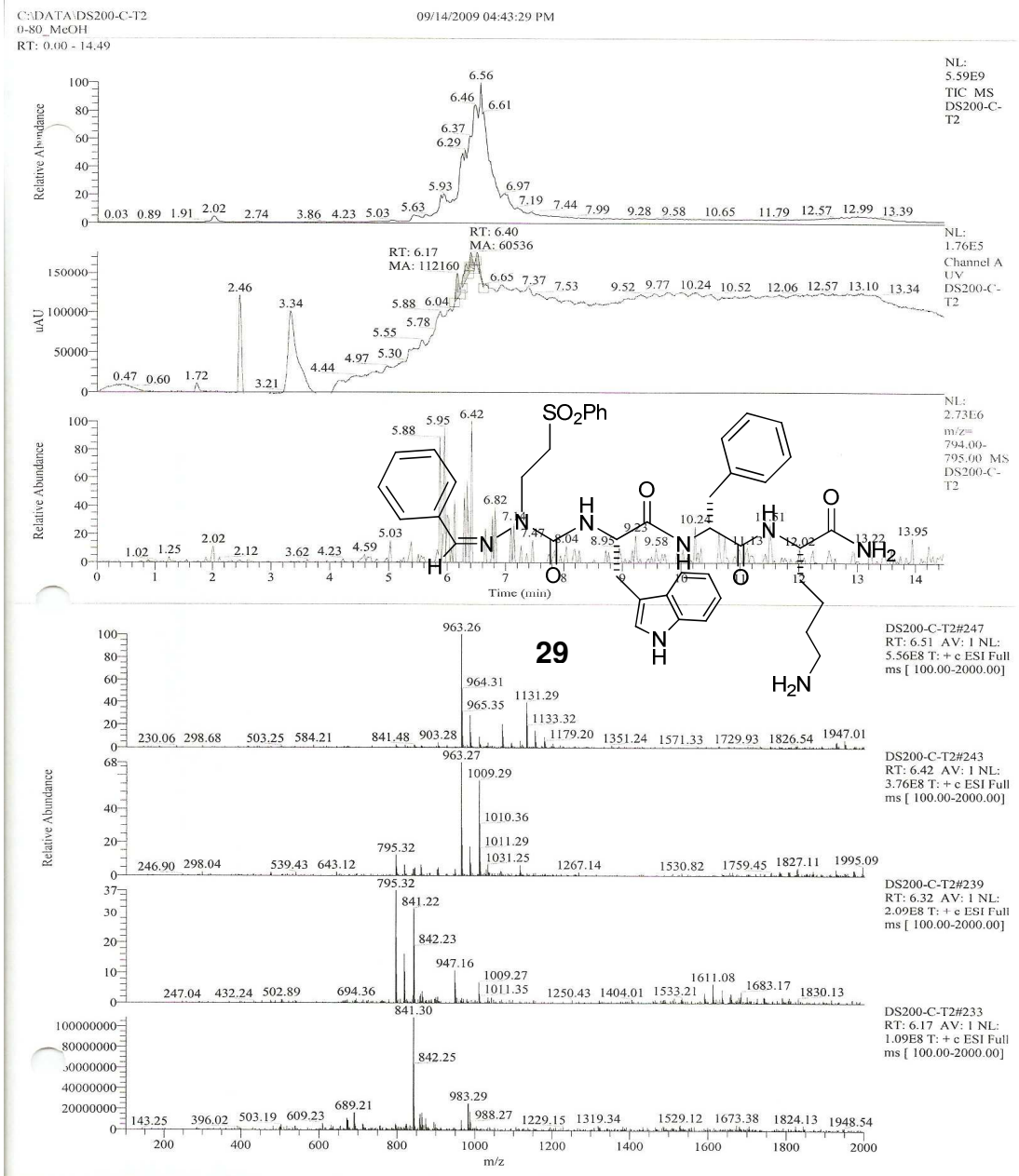

C:\DATA\ds232-a-t2
11/06/2009 03:18:40 PM
0-80_MeOH
RT: 0.00 - 14.49
NL:
1.17E9
TIC MS
ds232-a-t2
Relative Abundance
6.51
2.08
1.96
6.13
6.28
5.95
6.78
7.51
7.74
8.20
8.94
10.07
10.40
11.06
11.65
13.18
13.39
0.46
1.05
2.35
3.77
4.34
4.90
5.31
5.75
NL:
1.58E5
Channel A
UV
ds232-a-t2
uAU
2.53
3.66
6.44
7.27
7.46
7.68
7.89
8.38
10.09
10.52
11.73
12.90
13.32
13.53
5.85
5.86
4.82
5.21
4.64
0.23
0.85
1.96
2.01
3.56
Time (min)

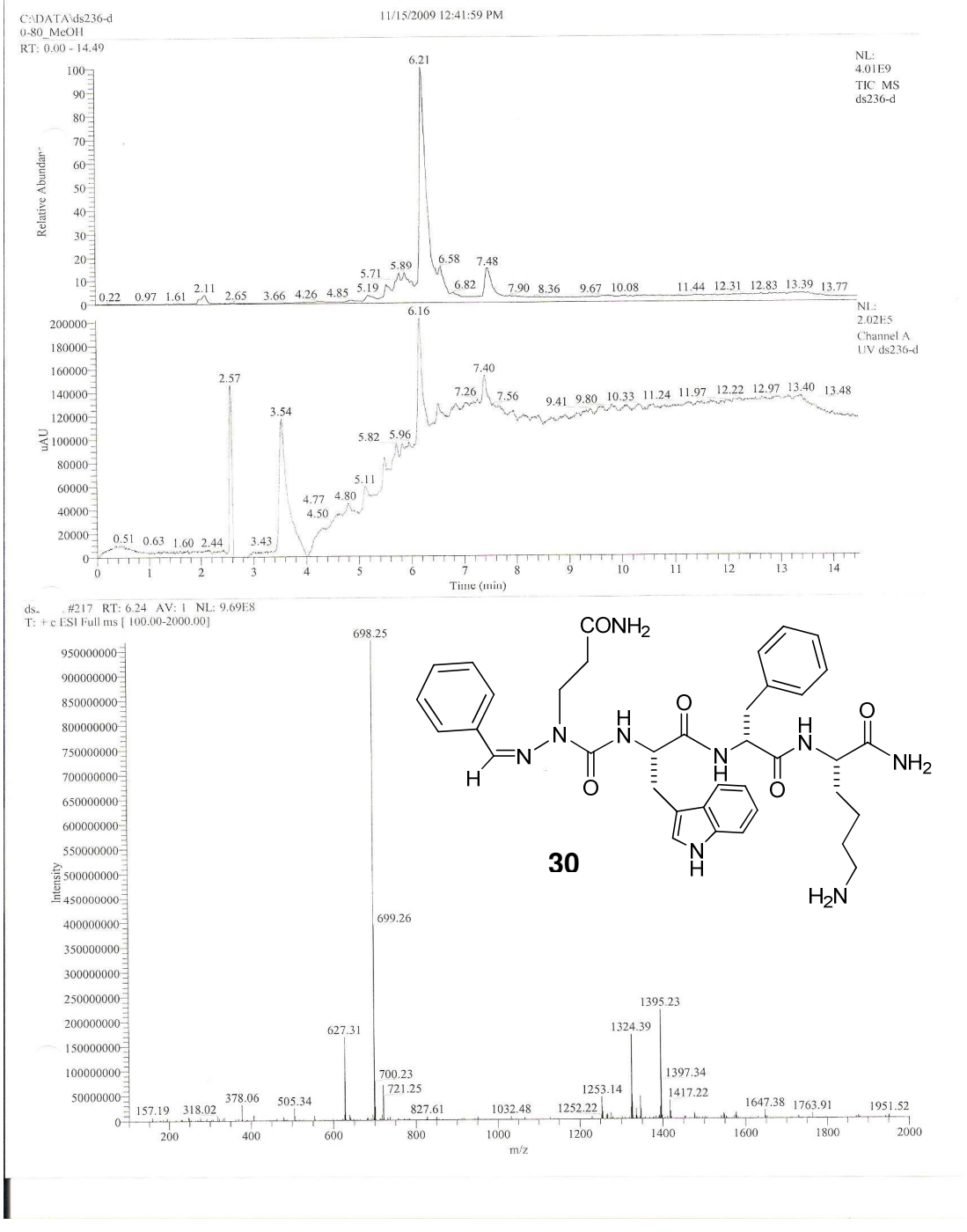

ds23. ∠#232 RT: 6.53 AV: 1 NL: 1.06E8
T: + c ESI Full ms [100.00-2000.00]
Intensity
699.26
721.28
722.26
743.24
625.09
744.36
783.22
1419.31
1323.07
1435.18
1464.38
1598.01
1691.90
1891.67
1976.45
972.96
1009.06
1272.13
1200.34
185.13
379.15
436.17
527.27
m/z
CO2H
NH2
H2N
25

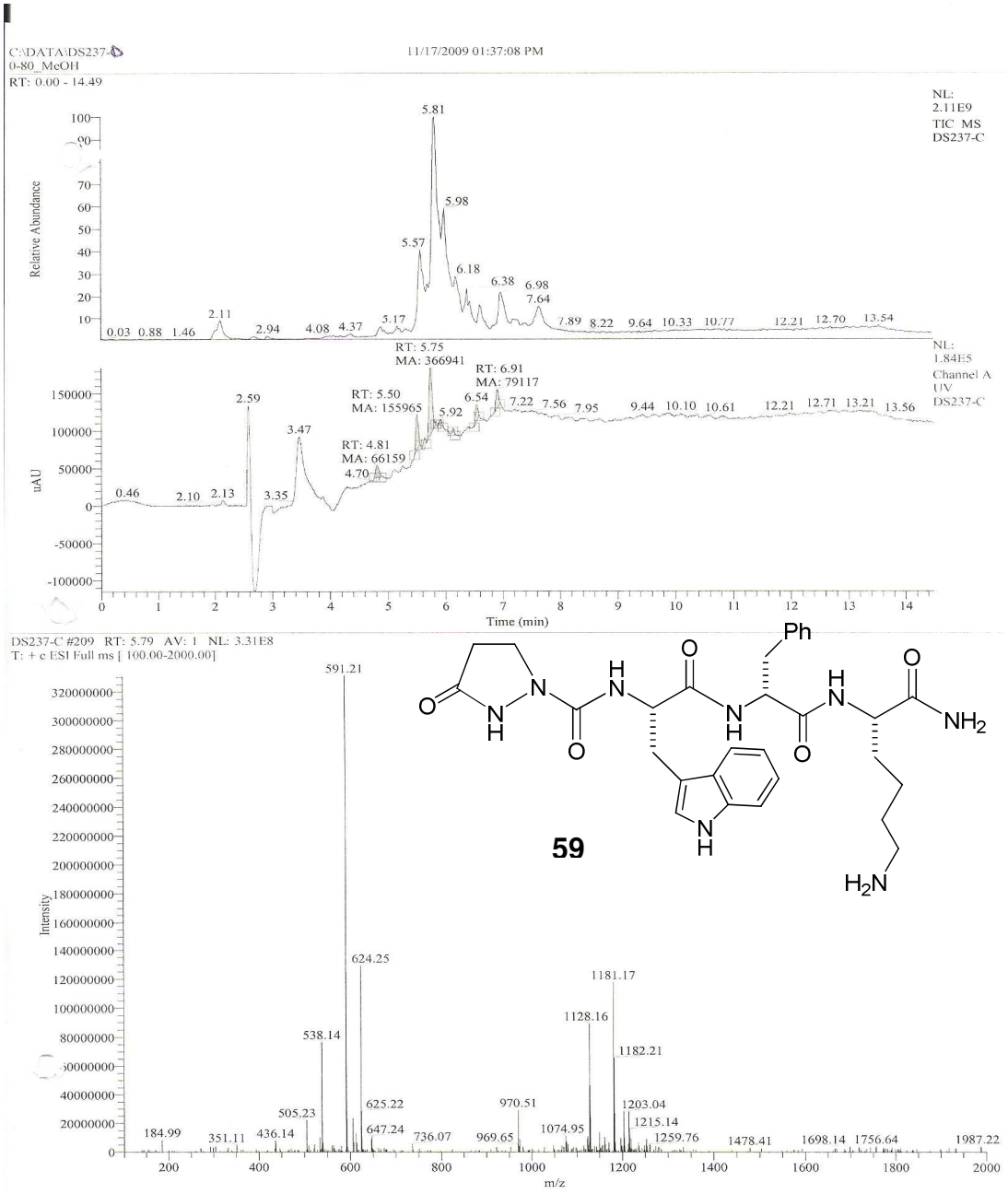

C:\DATA\ds236-b
0-80_MeOH
11/15/2009 12:09:47 PM
RT: 0.00 - 14.49
NL: 1.69E9 TIC MS ds236-b
NL: 2.12E5 Channel A UV ds236-b
NL: 4.34E6 m/z= 679.00-680.00 MS ds236-b
NL: 3.58E6 m/z= 627.00-628.00 MS ds236-b
Abundance
uAU
Relative Abundance
Time (min)
ds236-b#232-237 RT: 6.46-6.59 AV: 6 NL: 4.04E7 T: + c ESI Full ms [100.00-2000.00]
ds236-b#215-228 RT: 6.05-6.37 AV: 14 NL: 7.84E7 T: + c ESI Full ms [100.00-2000.00]
ds236-b#204 RT: 5.77 AV: 1 NL: 6.88E7 T: + c ESI Full ms [100.00-2000.00]
ds236-b#187-199 RT: 5.36-5.65 AV: 13 NL: 1.49E8 T: + c ESI Full ms [100.00-2000.00]
m/z
26

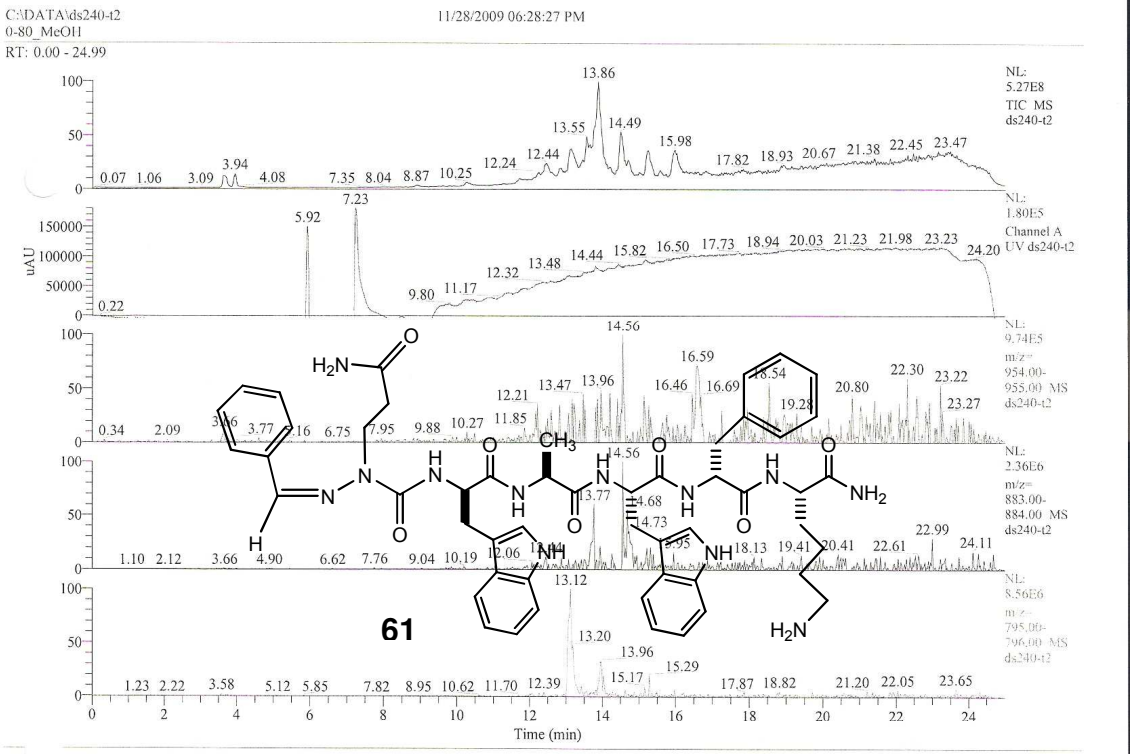

TIC MS
ds255-b-t2
RT: 6.15
MA: 903246
BP: 0.0
NL:
1.67E5
Channel A
UV
ds255-b-t2
2.54
3.27
RT: 5.71
MA: 99775
BP: 0.0
5.58
6.24
7.24
7.30
9.36
9.80
10.26
12.21
12.70
13.35
Time (min)
b-t2 #227 RT: 6.16 AV: 1 SB: 36 0.60-0.97, 1.32-1.93 NL: 6.48E8
ESI Full ms [100.00-2000.00]
763.2
785.3
786.3
1525.1
1547.1
1549.1
1678.2
1865.3
641.1
703.2
915.2
1096.3
1282.2
1403.2
259.1
470.7
m/z
PO3Me2
NH2
H2N
27

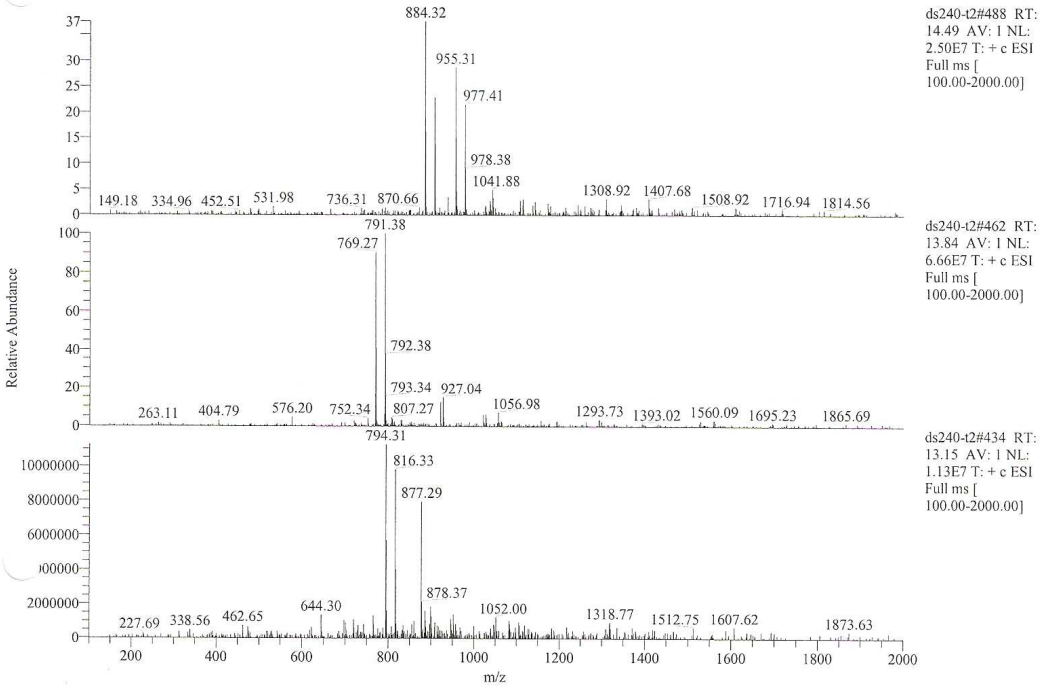

11/18/2009 06:14:25 PM
Relative Abundance
Time (min)
m/z
28

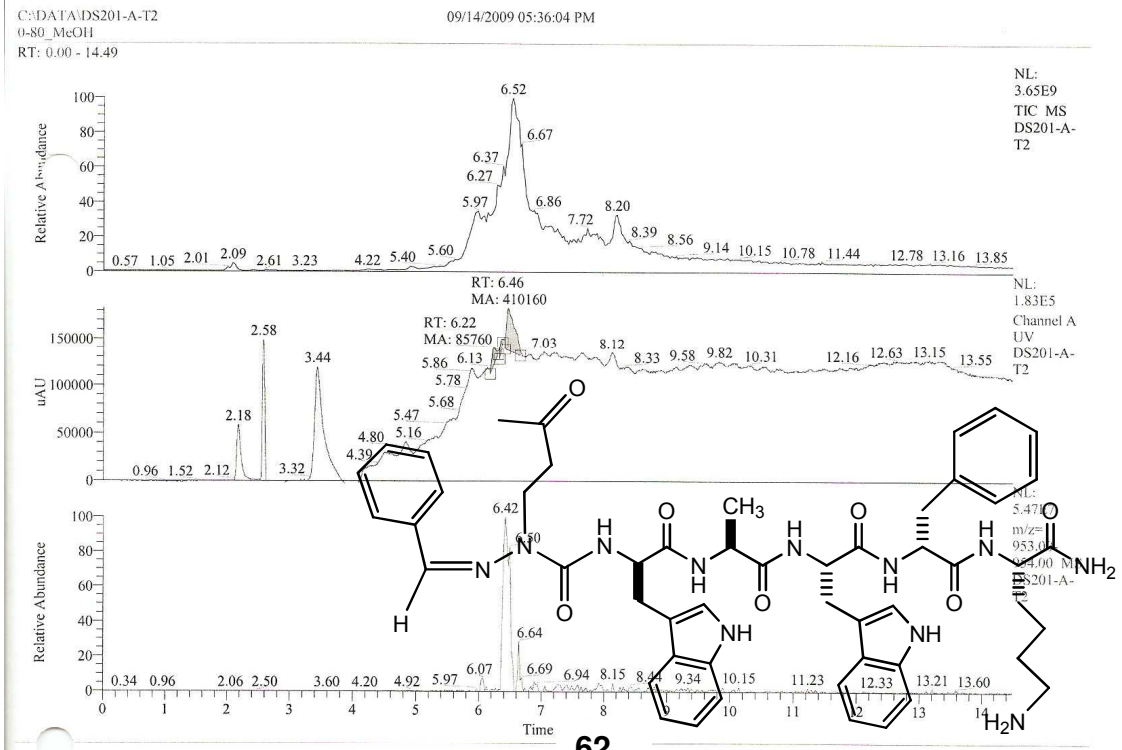

C:\DATA\DS200-C-T2
0-80_MeOH
RT: 0.00 - 14.49
09/14/2009 04:43:29 PM
NL:
5.59E9
TIC MS
DS200-C-T2
Relative Abundance
NL:
1.76E5
Channel A
UV
DS200-C-T2
uAU
RT: 6.17
MA: 112160
RT: 6.40
MA: 60536
NL:
2.73E6
m/z=
794.00-
795.00 MS
DS200-C-T2
Time (min)
29
SO2Ph
NH2
DS200-C-T2#247
RT: 6.51 AV: 1 NL:
5.56E8 T: + c ESI Full
ms [100.00-2000.00]
DS200-C-T2#243
RT: 6.42 AV: 1 NL:
3.76E8 T: + c ESI Full
ms [100.00-2000.00]
DS200-C-T2#239
RT: 6.32 AV: 1 NL:
2.09E8 T: + c ESI Full
ms [100.00-2000.00]
DS200-C-T2#233
RT: 6.17 AV: 1 NL:
1.09E8 T: + c ESI Full
ms [100.00-2000.00]
m/z


C:\DATA\ds236-d
0-80_MeOH
RT: 0.00 - 14.49
11/15/2009 12:41:59 PM
NL:
4.01E9
TIC MS
ds236-d
Relative Abundance
NL:
2.02E5
Channel A
UV ds236-d
uAU
Time (min)
ds_ #217 RT: 6.24 AV: 1 NL: 9.69E8
T: + c ESI Full ms [100.00-2000.00]
Intensity
m/z
30

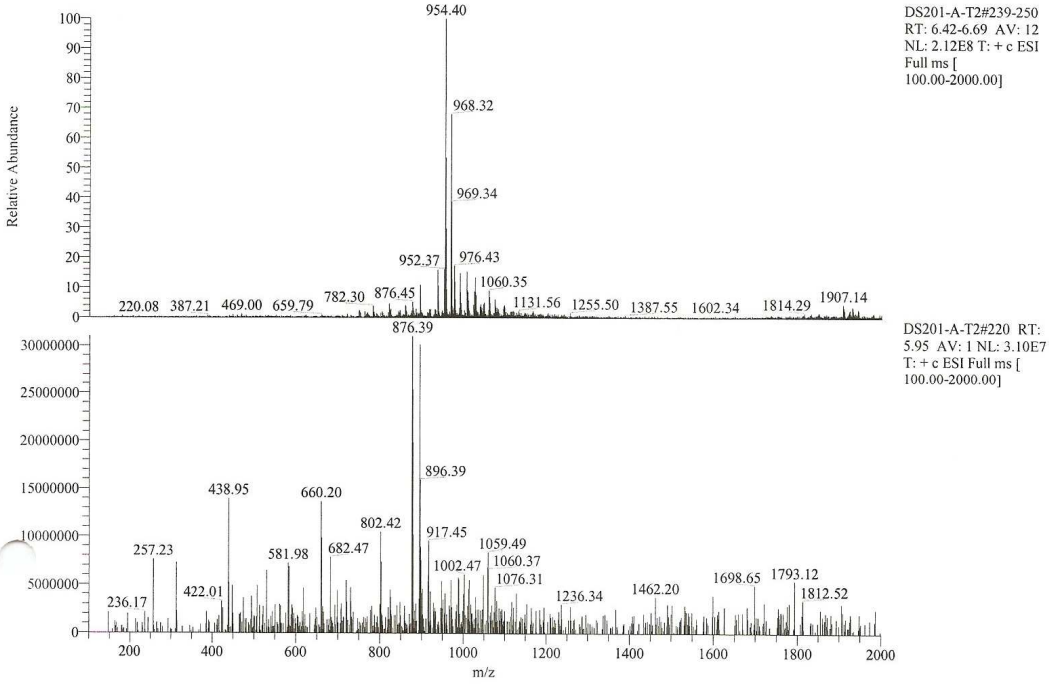

C:\DATA\DS237-C
11/17/2009 01:37:08 PM
0-80_MeOH
RT: 0.00 - 14.49
NL:
2.11E9
TIC MS
DS237-C
Relative Abundance
5.81
5.98
5.57
6.18
6.38
6.98
7.64
2.11
5.17
0.03 0.88 1.46 2.94 4.08 4.37 7.89 8.22 9.64 10.33 10.77 12.21 12.70 13.54
RT: 5.75
MA: 366941
RT: 6.91
MA: 79117
RT: 5.50
MA: 155965
RT: 4.81
MA: 66159
NL:
1.84E5
Channel A
UV
DS237-C
uAU
2.59
3.47
3.35
0.46 2.10 2.13 4.70 5.92 6.54 7.22 7.56 7.95 9.44 10.10 10.61 12.21 12.71 13.21 13.56
Time (min)
DS237-C #209 RT: 5.79 AV: 1 NL: 3.31E8
T: + c ESI Full ms [100.00-2000.00]
Intensity
591.21
624.25
1181.17
1128.16
538.14
1182.21
625.22
970.51
1203.04
505.23
1215.14
647.24
1259.76
184.99 351.11 436.14 736.07 969.65 1074.95 1478.41 1698.14 1756.64 1987.22
m/z
59

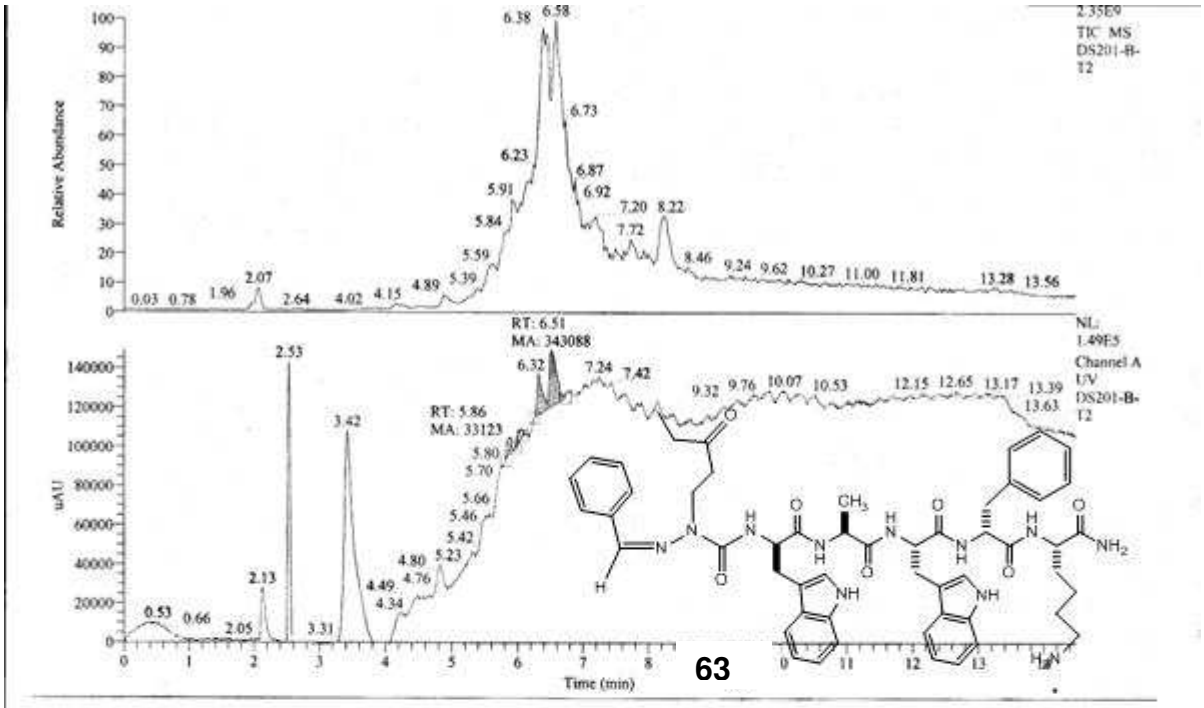

C:\DATA\ds240-t2
0-80_MeOH
11/28/2009 06:28:27 PM
RT: 0.00 - 24.99
NL: 5.27E8 TIC MS ds240-t2
NL: 1.80E5 Channel A UV ds240-t2
uAU
NL: 9.74E5 m/z= 954.00-955.00 MS ds240-t2
NL: 2.36E6 m/z= 883.00-884.00 MS ds240-t2
NL: 8.56E6 m/z= 795.00-796.00 MS ds240-t2
61
Time (min)


ds240-t2#488 RT: 14.49 AV: 1 NL: 2.50E7 T: + c ESI Full ms [100.00-2000.00]
ds240-t2#462 RT: 13.84 AV: 1 NL: 6.66E7 T: + c ESI Full ms [100.00-2000.00]
ds240-t2#434 RT: 13.15 AV: 1 NL: 1.13E7 T: + c ESI Full ms [100.00-2000.00]
Relative Abundance
m/z

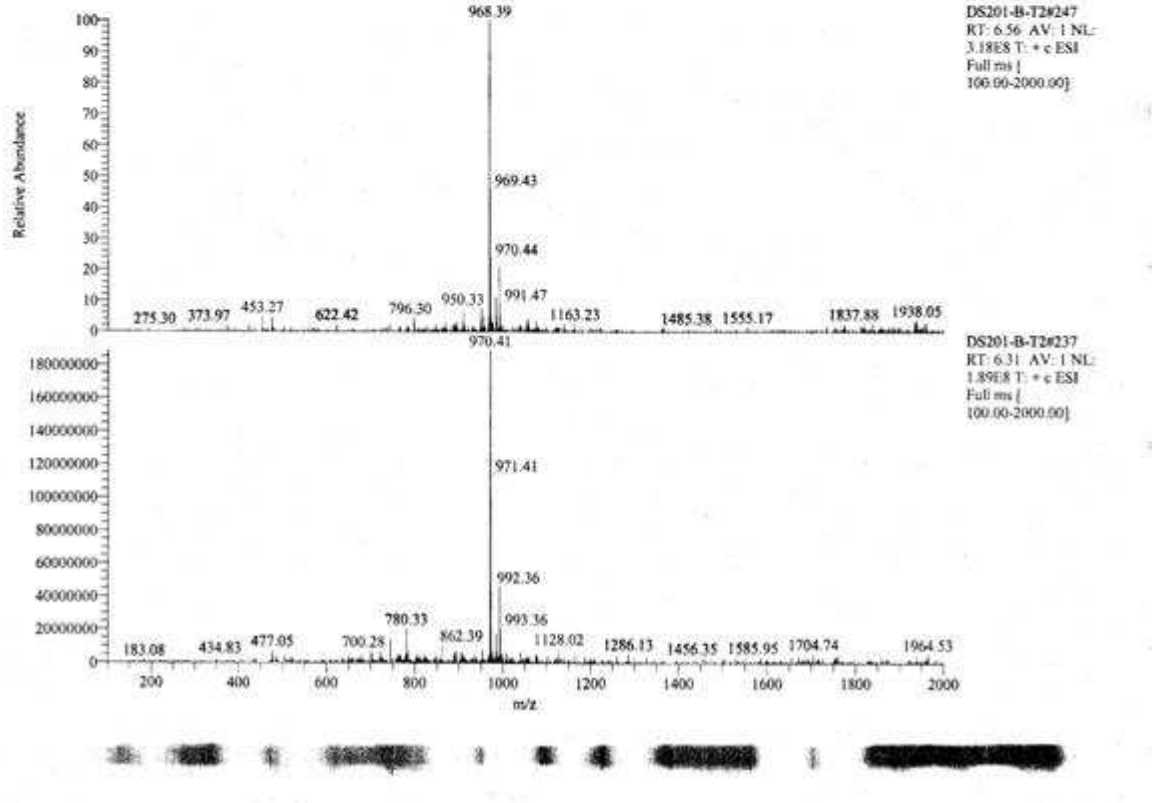

C:\DATA\DS201-A-T2
0-80_MeOH
RT: 0.00 - 14.49
09/14/2009 05:36:04 PM
NL:
3.65E9
TIC MS
DS201-A-T2
Relative Abundance
RT: 6.46
MA: 410160
RT: 6.22
MA: 85760
NL:
1.83E5
Channel A
UV
DS201-A-T2
uAU
NL:
5.47E8
m/z=
953.00
954.00 M
DS201-A-T2
Relative Abundance
Time

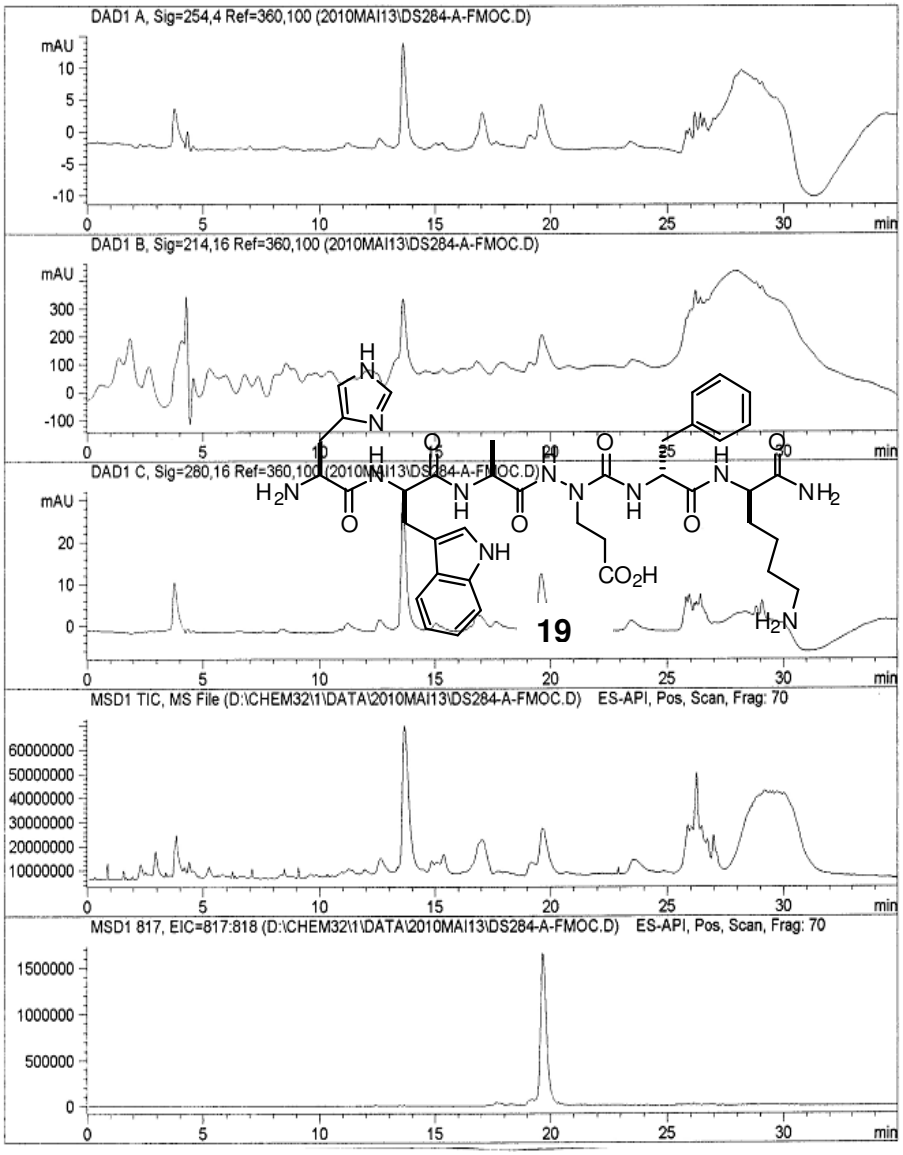
62


DS201-A-T2#239-250
RT: 6.42-6.69 AV: 12
NL: 2.12E8 T: + c ESI
Full ms [
100.00-2000.00]
Relative Abundance
DS201-A-T2#220 RT:
5.95 AV: 1 NL: 3.10E7
T: + c ESI Full ms [
100.00-2000.00]
m/z

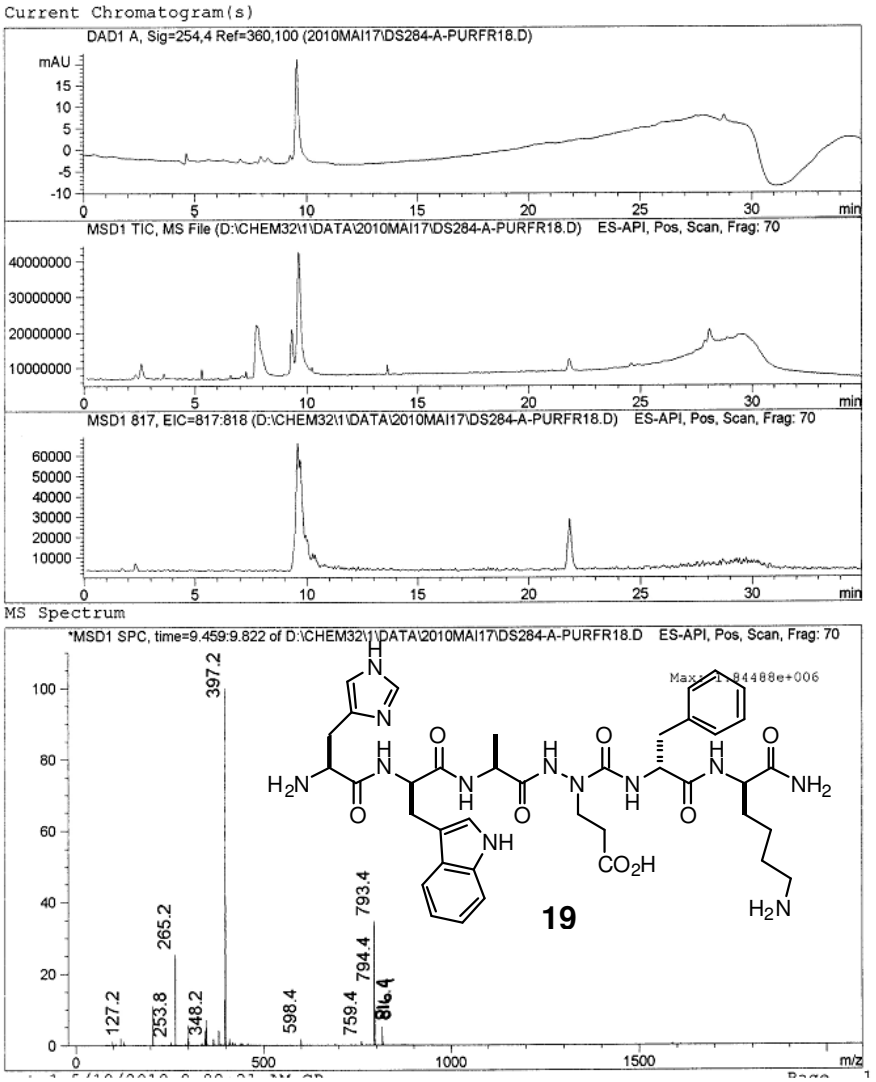

2.35E9
TIC MS
DS201-B-T2
Relative Abundance
RT: 6.51
MA: 343088
RT: 5.86
MA: 33123
NL:
1.49E5
Channel A
UV
DS201-B-T2
uAU
Time (min)

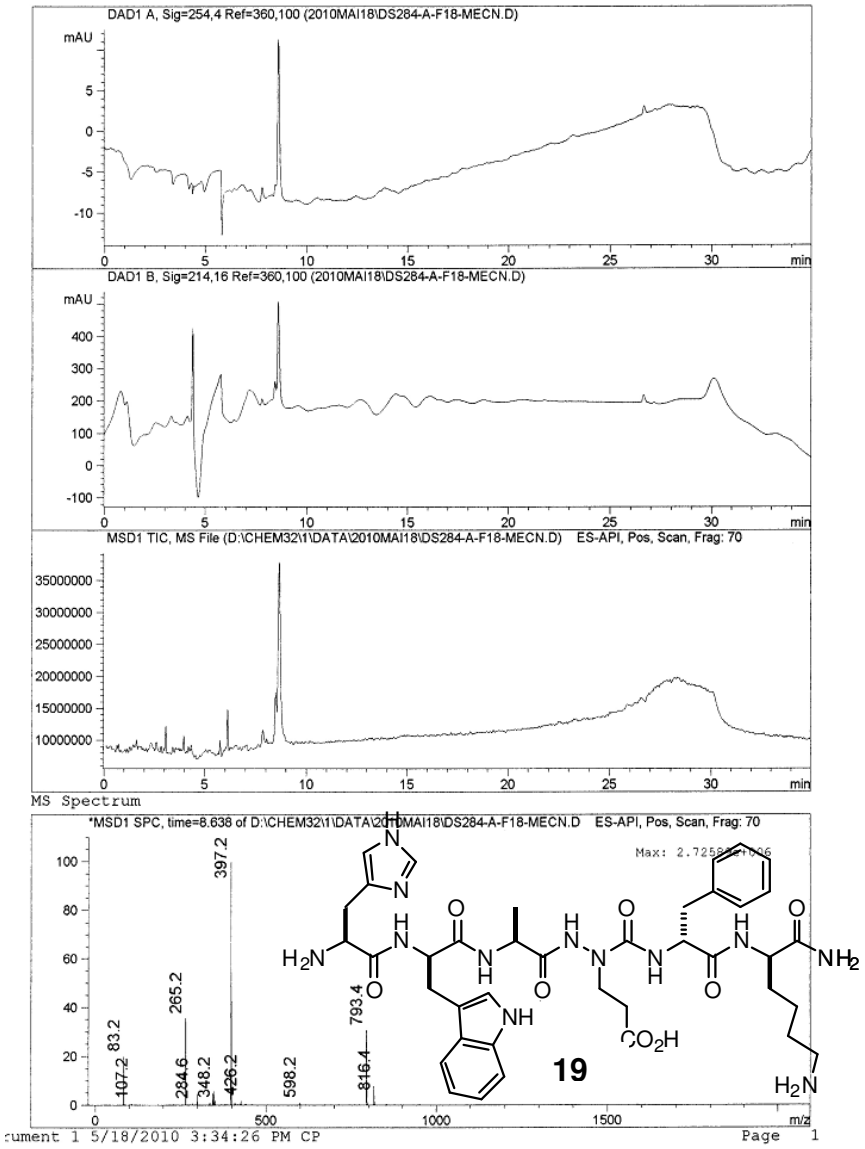
63

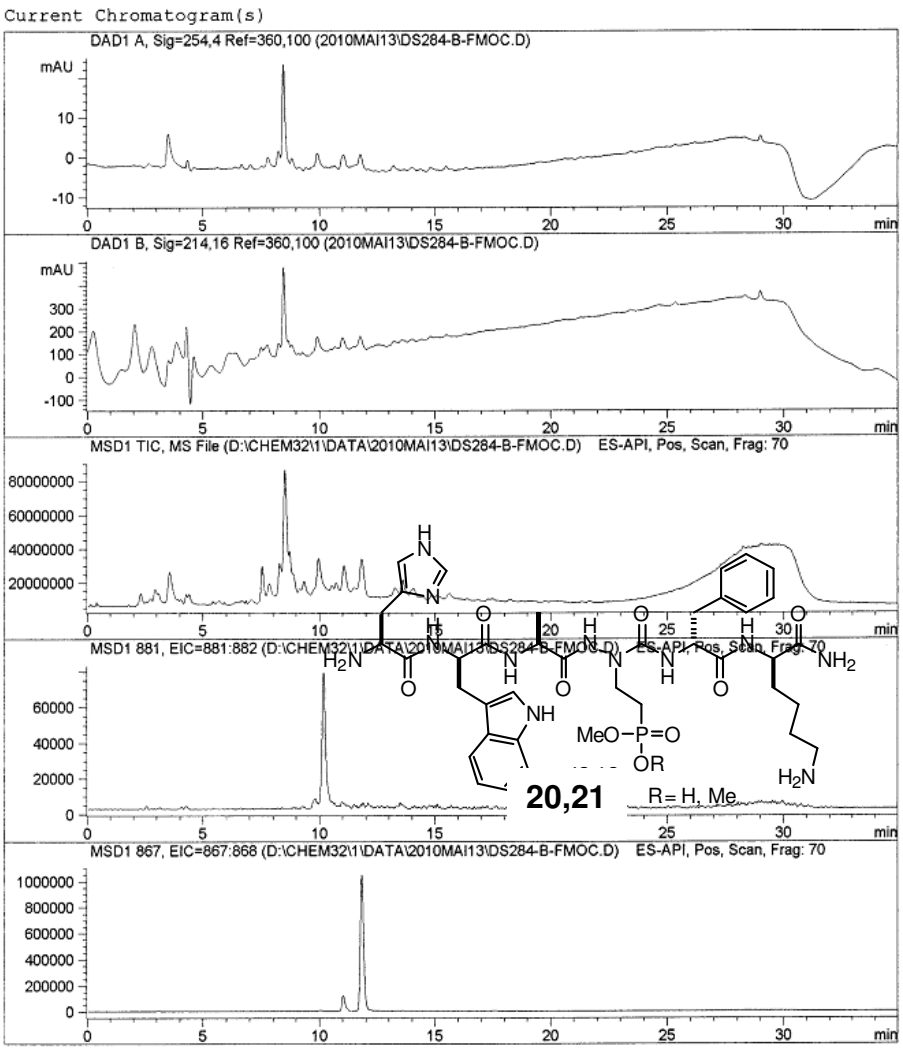

DS201-B-T2#247
RT: 6.56 AV: 1 NL:
3.18E8 T: + c ESI
Full ms [
100.00-2000.00]
DS201-B-T2#237
RT: 6.31 AV: 1 NL:
1.89E8 T: + c ESI
Full ms [
100.00-2000.00]
Relative Abundance
m/z


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI13\DS284-A-FMOC.D)
mAU
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI13\DS284-A-FMOC.D)
mAU
DAD1 C, Sig=280,16 Ref=360,100 (2010MAI13\DS284-A-FMOC.D)
mAU
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI13\DS284-A-FMOC.D) ES-API, Pos, Scan, Frag: 70
MSD1 817, EIC=817:818 (D:\CHEM32\1\DATA\2010MAI13\DS284-A-FMOC.D) ES-API, Pos, Scan, Frag: 70
min

19

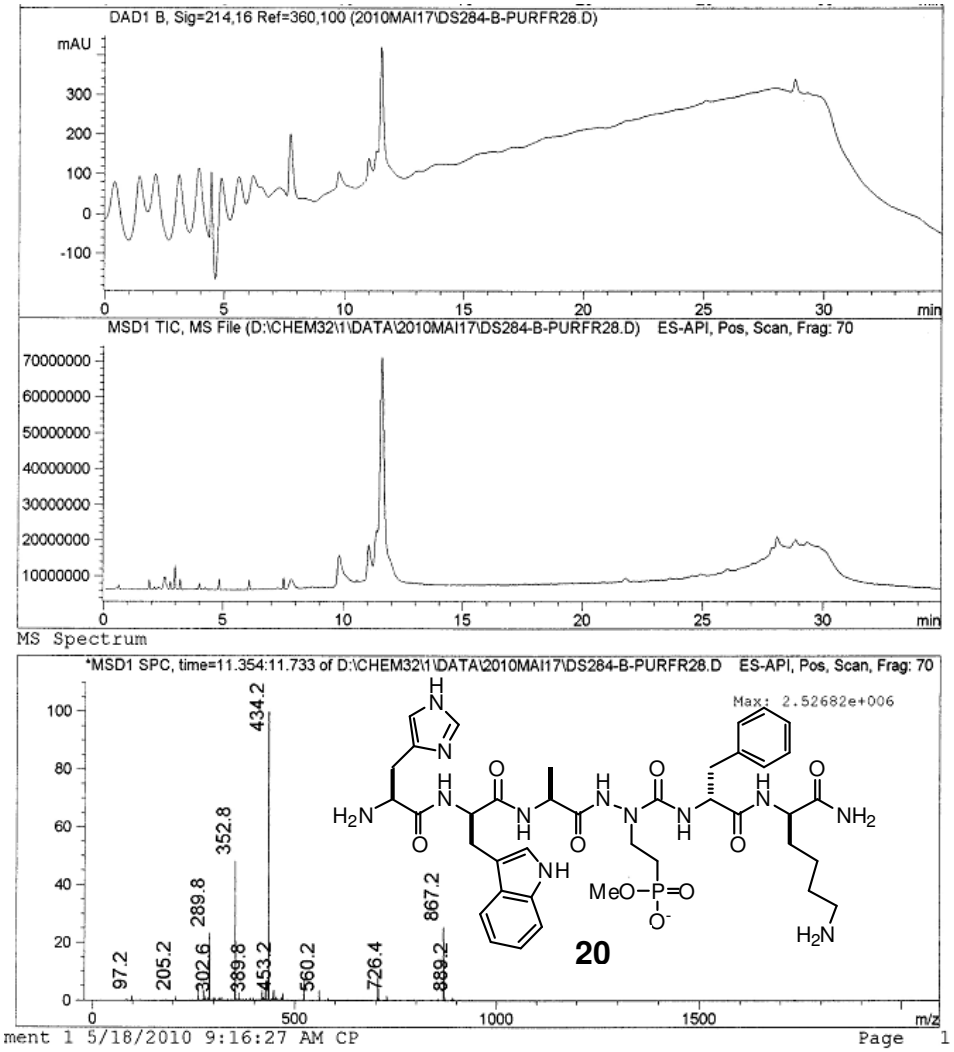

Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI17\DS284-A-PURFR18.D)
mAU
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI17\DS284-A-PURFR18.D) ES-API, Pos, Scan, Frag: 70
MSD1 817, EIC=817:818 (D:\CHEM32\1\DATA\2010MAI17\DS284-A-PURFR18.D) ES-API, Pos, Scan, Frag: 70
min
MS Spectrum
*MSD1 SPC, time=9.459:9.822 of D:\CHEM32\1\DATA\2010MAI17\DS284-A-PURFR18.D ES-API, Pos, Scan, Frag: 70
397.2
265.2
127.2
253.8
348.2
598.4
759.4
793.4
794.4
816.4
m/z
19

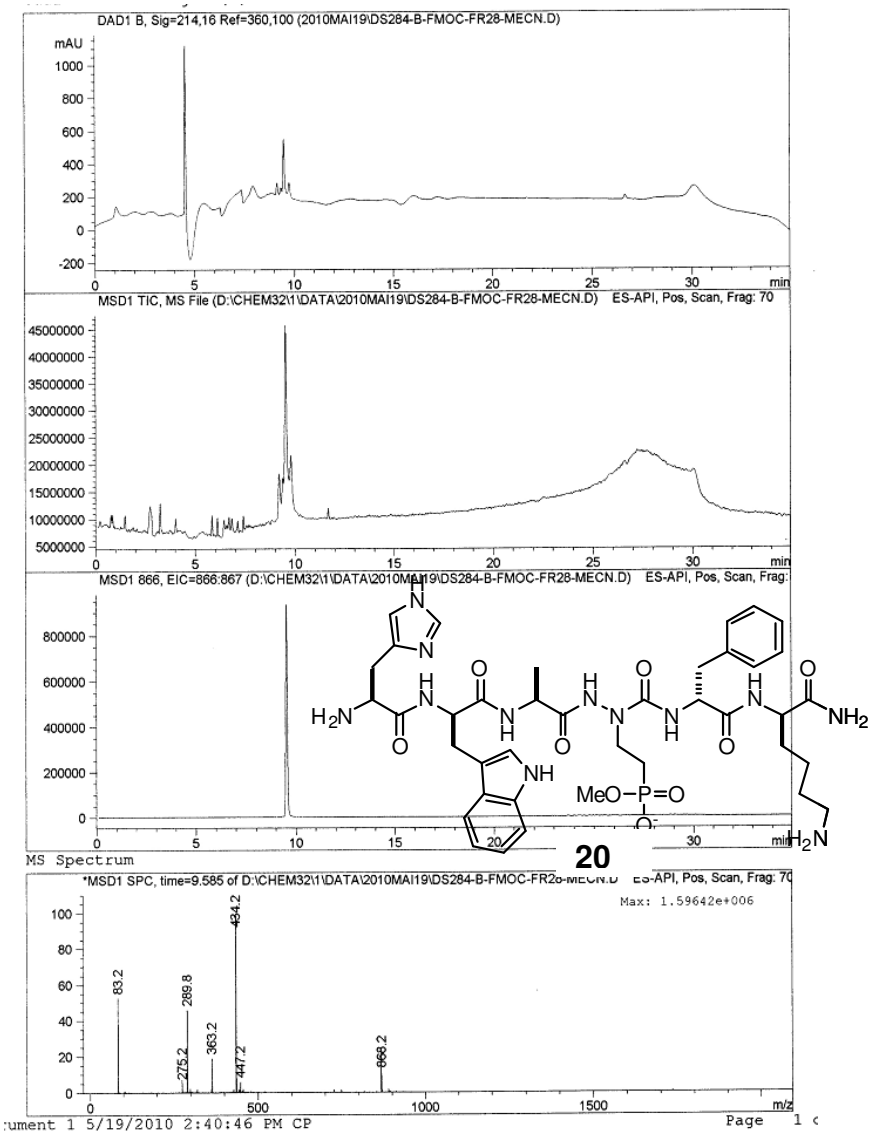

DAD1 A, Sig=254,4 Ref=360,100 (2010MAI18\DS284-A-F18-MECN.D)
mAU
min
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI18\DS284-A-F18-MECN.D)
mAU
min
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI18\DS284-A-F18-MECN.D) ES-API, Pos, Scan, Frag: 70
min
MS Spectrum
*MSD1 SPC, time=8.638 of D:\CHEM32\1\DATA\2010MAI18\DS284-A-F18-MECN.D ES-API, Pos, Scan, Frag: 70
Max:
397.2
265.2
83.2
107.2
284.6
348.2
426.2
598.2
793.4
816.4
m/z
19
rument 1 5/18/2010 3:34:26 PM CP
Page 1


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI13\DS284-B-FMOC.D)
mAU
min
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI13\DS284-B-FMOC.D)
mAU
min
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI13\DS284-B-FMOC.D) ES-API, Pos, Scan, Frag: 70
min
MSD1 881, EIC=881:882 (D:\CHEM32\1\DATA\2010MAI13\DS284-B-FMOC.D) ES-API, Pos, Scan, Frag: 70
min
MSD1 867, EIC=867:868 (D:\CHEM32\1\DATA\2010MAI13\DS284-B-FMOC.D) ES-API, Pos, Scan, Frag: 70
min

20,21

R= H, Me


DAD1 B, Sig=214,16 Ref=360,100 (2010MAI17\DS284-B-PURFR28.D)
mAU
300
200
100
0
-100
0
5
10
15
20
25
30
min
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI17\DS284-B-PURFR28.D) ES-API, Pos, Scan, Frag: 70
70000000
60000000
50000000
40000000
30000000
20000000
10000000
0
5
10
15
20
25
30
min
MS Spectrum
*MSD1 SPC, time=11.354:11.733 of D:\CHEM32\1\DATA\2010MAI17\DS284-B-PURFR28.D ES-API, Pos, Scan, Frag: 70
Max: 2.52682e+006
100
80
60
40
20
0
434.2
352.8
289.8
867.2
97.2
205.2
302.6
389.8
453.2
560.2
726.4
889.2
0
500
1000
1500
m/z
20


DAD1 B, Sig=214,16 Ref=360,100 (2010MAI19\DS284-B-FMOC-FR28-MECN.D)
mAU
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI19\DS284-B-FMOC-FR28-MECN.D) ES-API, Pos, Scan, Frag: 70
MSD1 866, EIC=866.867 (D:\CHEM32\1\DATA\2010MAI19\DS284-B-FMOC-FR28-MECN.D) ES-API, Pos, Scan, Frag:
MeO−P=O
MS Spectrum
*MSD1 SPC, time=9.585 of D:\CHEM32\1\DATA\2010MAI19\DS284-B-FMOC-FR2
Max: 1.59642e+006
434.2
83.2
289.8
363.2
275.2
447.2
668.2
m/z
ument 1 5/19/2010 2:40:46 PM CP
Page 1

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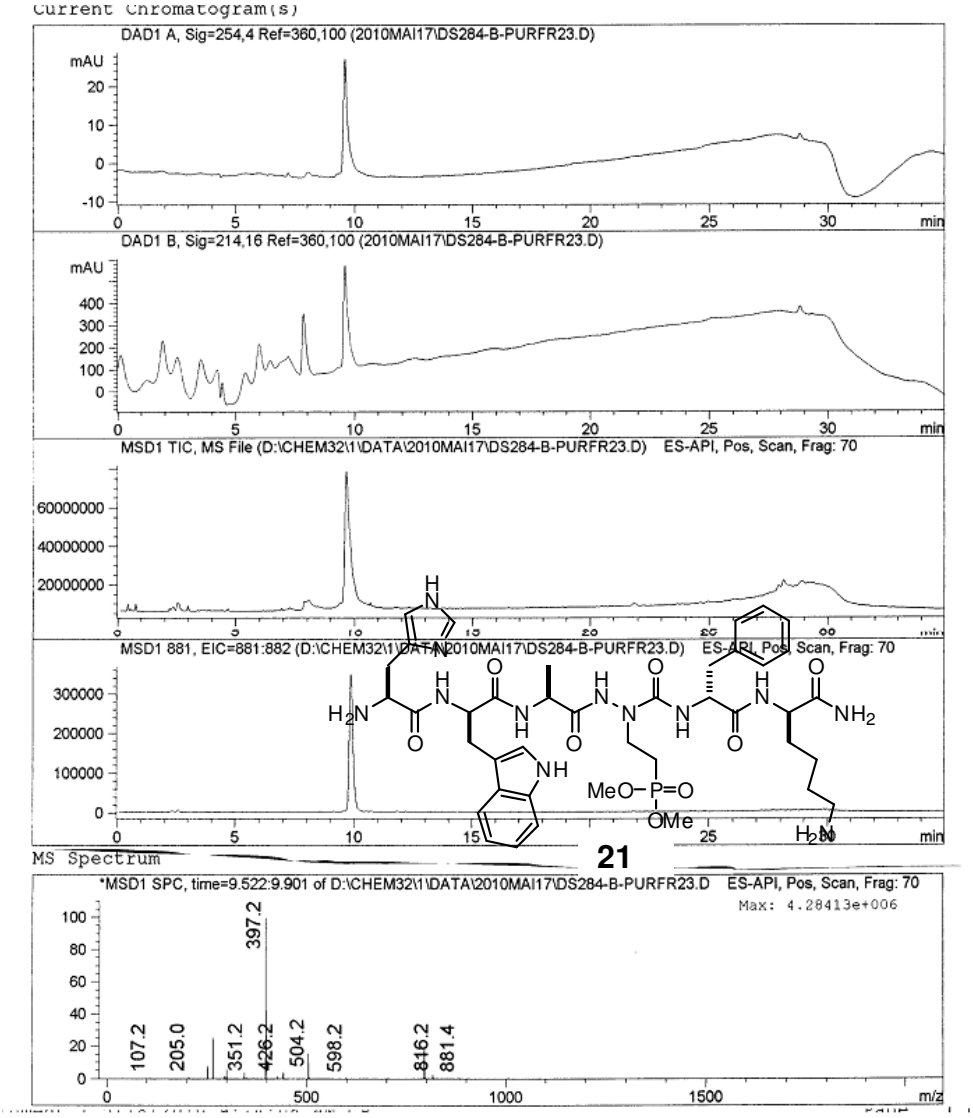
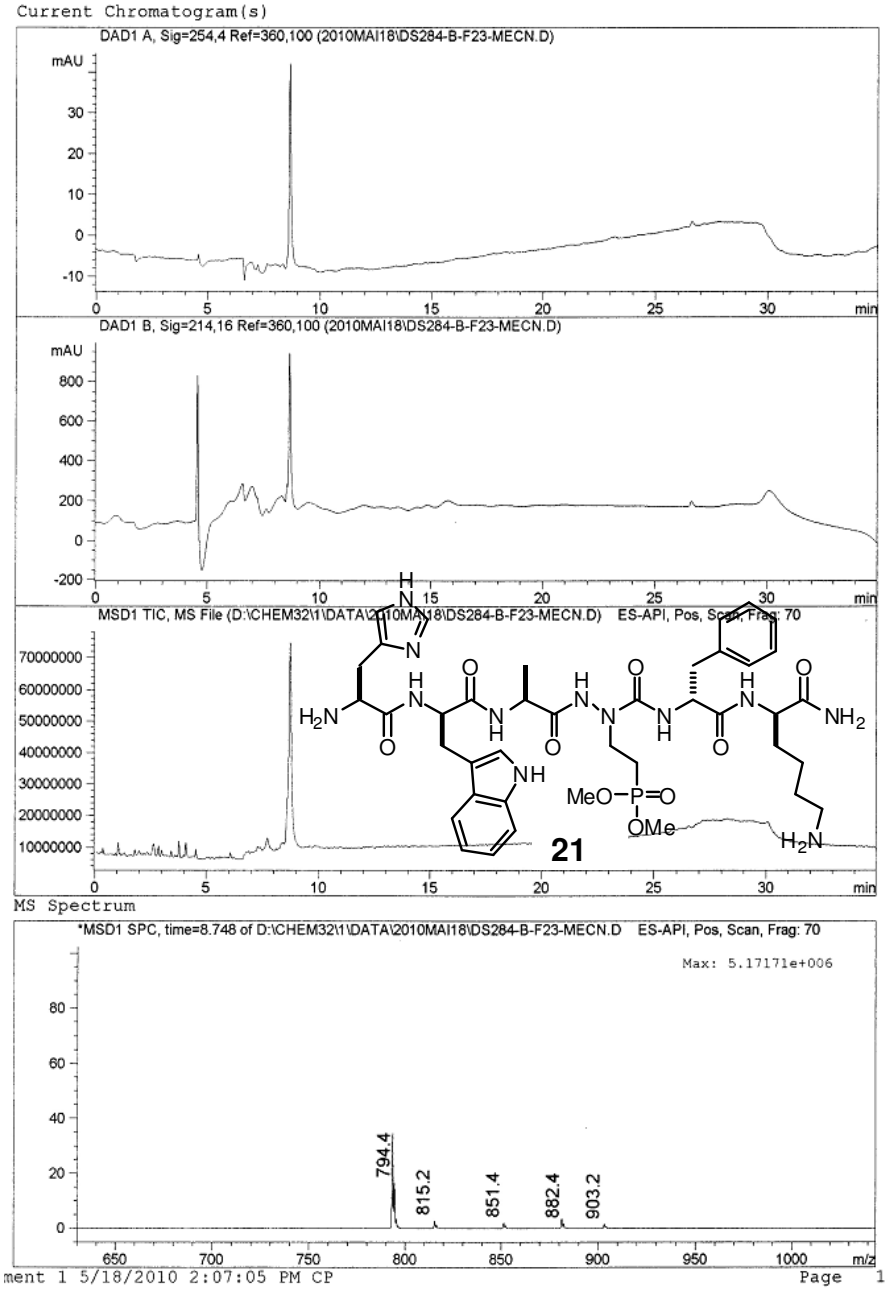
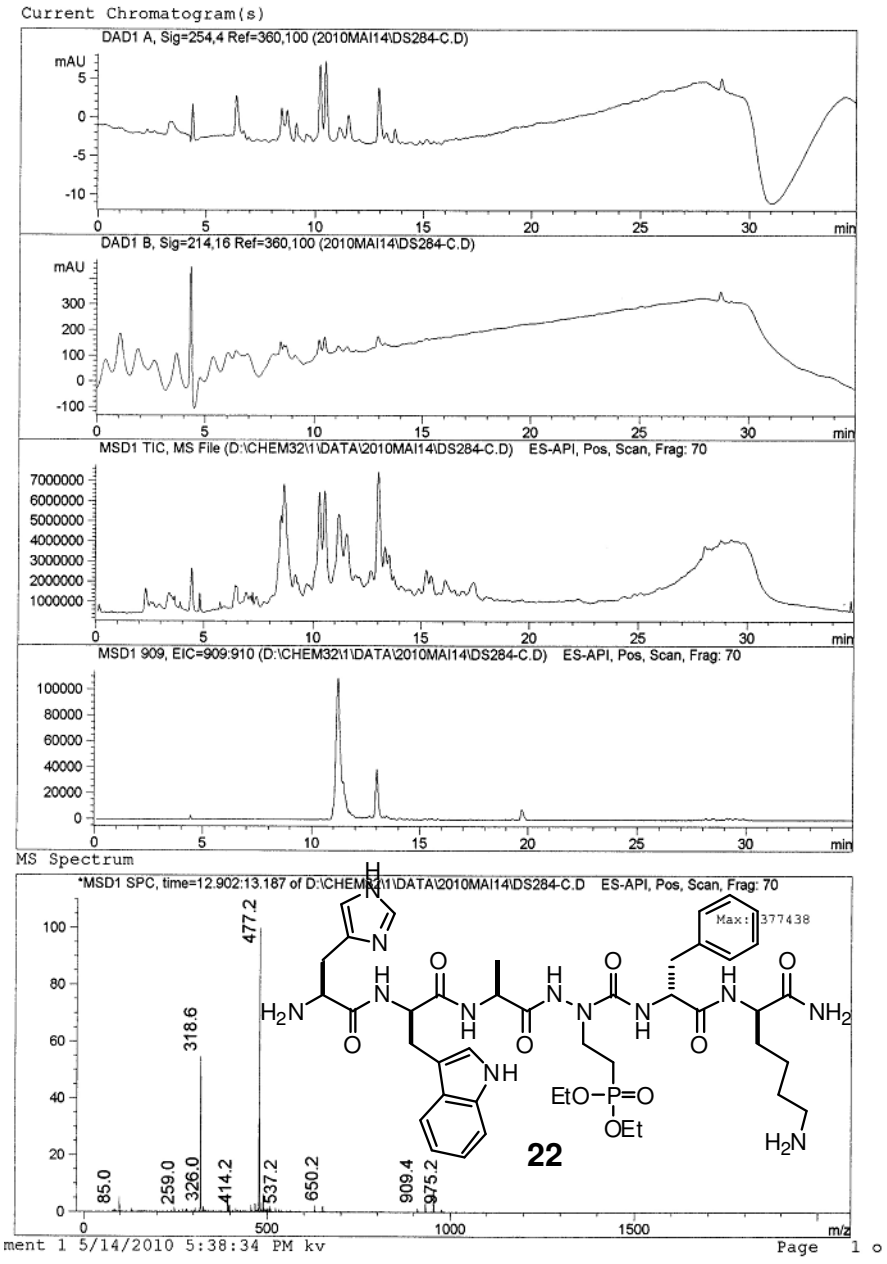
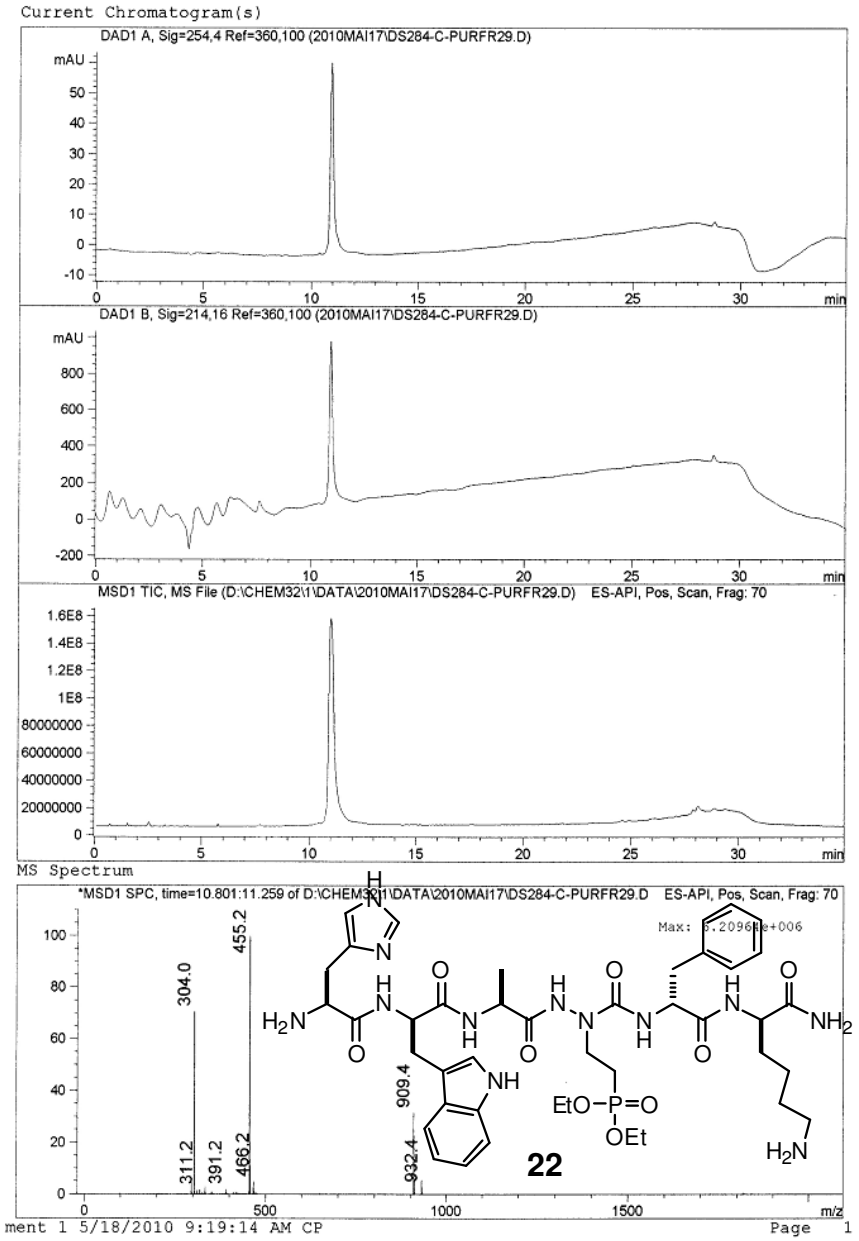
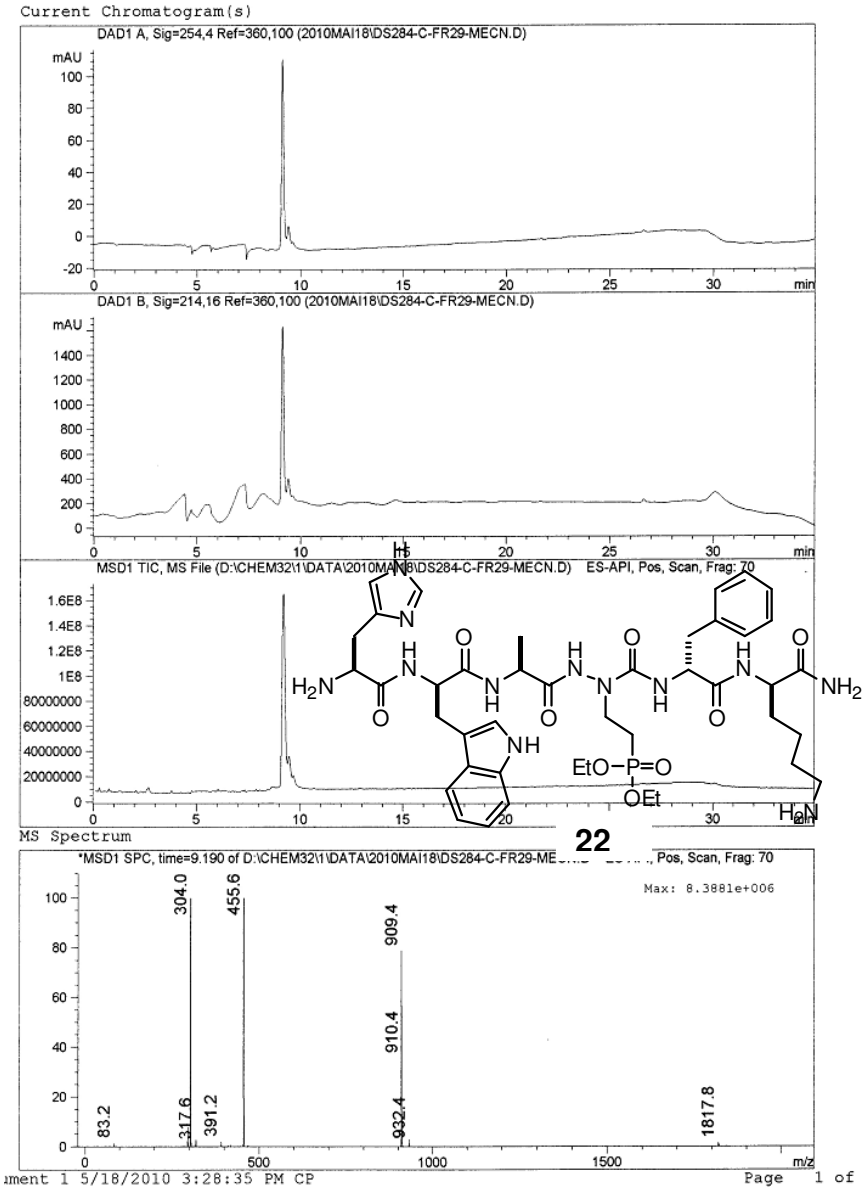

Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI17\DS284-B-PURFR23.D)
mAU
min
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI17\DS284-B-PURFR23.D)
mAU
min
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI17\DS284-B-PURFR23.D) ES-API, Pos, Scan, Frag: 70
MSD1 881, EIC=881:882 (D:\CHEM32\1\DATA\2010MAI17\DS284-B-PURFR23.D) ES-API, Pos, Scan, Frag: 70
min
MeO–P=O
OMe
MS Spectrum
*MSD1 SPC, time=9.522:9.901 of D:\CHEM32\1\DATA\2010MAI17\DS284-B-PURFR23.D ES-API, Pos, Scan, Frag: 70
Max: 4.28413e+006
397.2
107.2
205.0
351.2
426.2
504.2
598.2
816.2
881.4
m/z

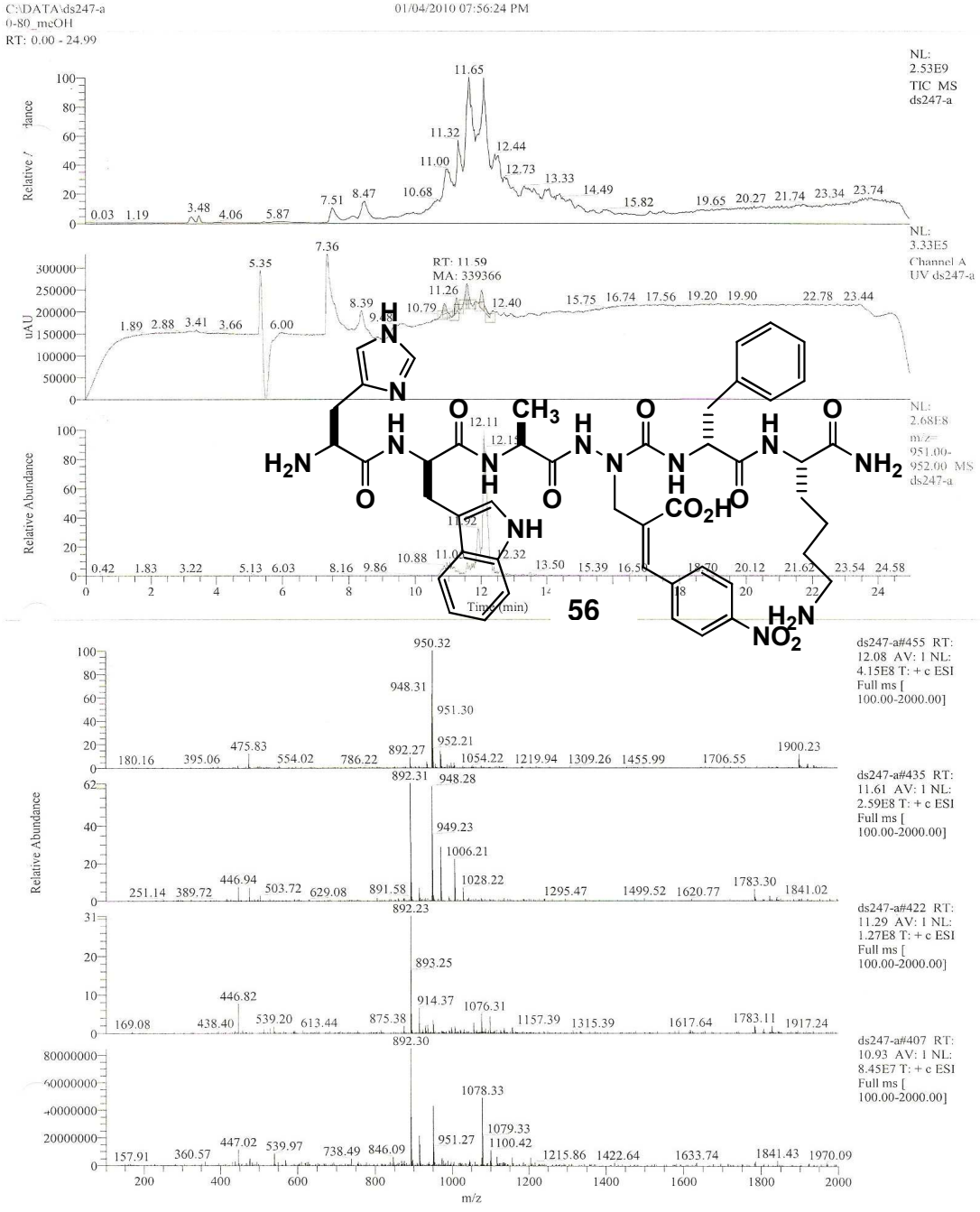
21


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI18\DS284-B-F23-MECN.D)
mAU
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI18\DS284-B-F23-MECN.D)
mAU
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI18\DS284-B-F23-MECN.D) ES-API, Pos, Scan, Frag: 70
21
MS Spectrum
*MSD1 SPC, time=8.748 of D:\CHEM32\1\DATA\2010MAI18\DS284-B-F23-MECN.D ES-API, Pos, Scan, Frag: 70
Max: 5.17171e+006
794.4
815.2
851.4
882.4
903.2
m/z
ment 1 5/18/2010 2:07:05 PM CP
Page 1

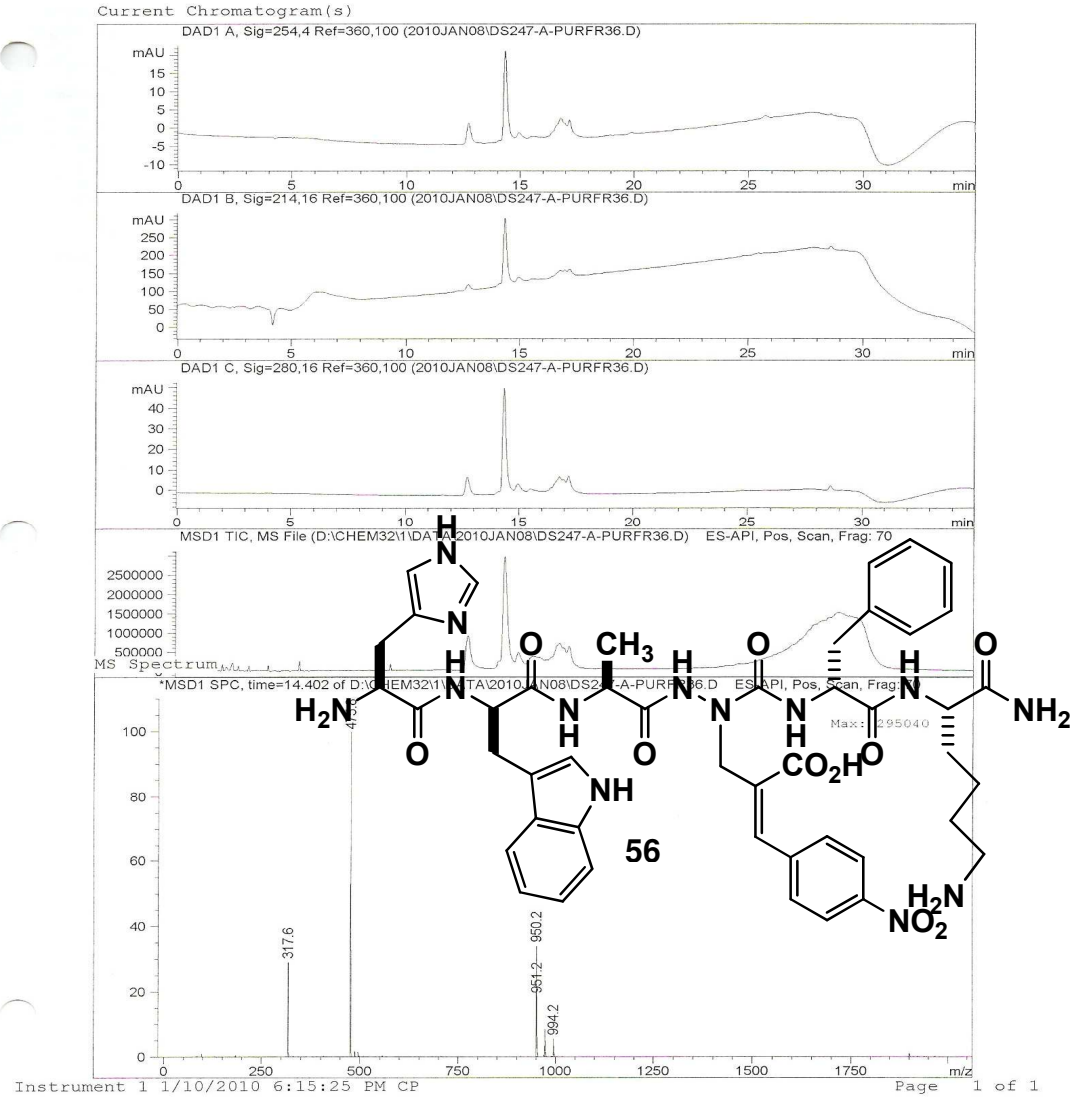

Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI14\DS284-C.D)
mAU
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI14\DS284-C.D)
mAU
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI14\DS284-C.D) ES-API, Pos, Scan, Frag: 70
MSD1 909, EIC=909:910 (D:\CHEM32\1\DATA\2010MAI14\DS284-C.D) ES-API, Pos, Scan, Frag: 70
min
MS Spectrum
*MSD1 SPC, time=12.902:13.187 of D:\CHEM32\1\DATA\2010MAI14\DS284-C.D ES-API, Pos, Scan, Frag: 70
Max: 377438
477.2
318.6
85.0
259.0
326.0
414.2
537.2
650.2
909.4
975.2
m/z
22
ment 1 5/14/2010 5:38:34 PM kv
Page 1 o


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI17\DS284-C-PURFR29.D)
mAU
min
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI17\DS284-C-PURFR29.D)
mAU
min
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI17\DS284-C-PURFR29.D) ES-API, Pos, Scan, Frag: 70
min
MS Spectrum
*MSD1 SPC, time=10.801:11.259 of D:\CHEM32\1\DATA\2010MAI17\DS284-C-PURFR29.D ES-API, Pos, Scan, Frag: 70
Max: 5.2096e+006
304.0
455.2
311.2
391.2
466.2
909.4
932.4
m/z
22
ment 1 5/18/2010 9:19:14 AM CP
Page 1


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAI18\DS284-C-FR29-MECN.D)
mAU
min
DAD1 B, Sig=214,16 Ref=360,100 (2010MAI18\DS284-C-FR29-MECN.D)
mAU
min
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAI18\DS284-C-FR29-MECN.D) ES-API, Pos, Scan, Frag: 70
min
22
MS Spectrum
*MSD1 SPC, time=9.190 of D:\CHEM32\1\DATA\2010MAI18\DS284-C-FR29-ME
Pos, Scan, Frag: 70
Max: 8.3881e+006
304.0
455.6
909.4
910.4
83.2
317.6
391.2
932.4
1817.8
m/z
ument 1 5/18/2010 3:28:35 PM CP
Page 1 of

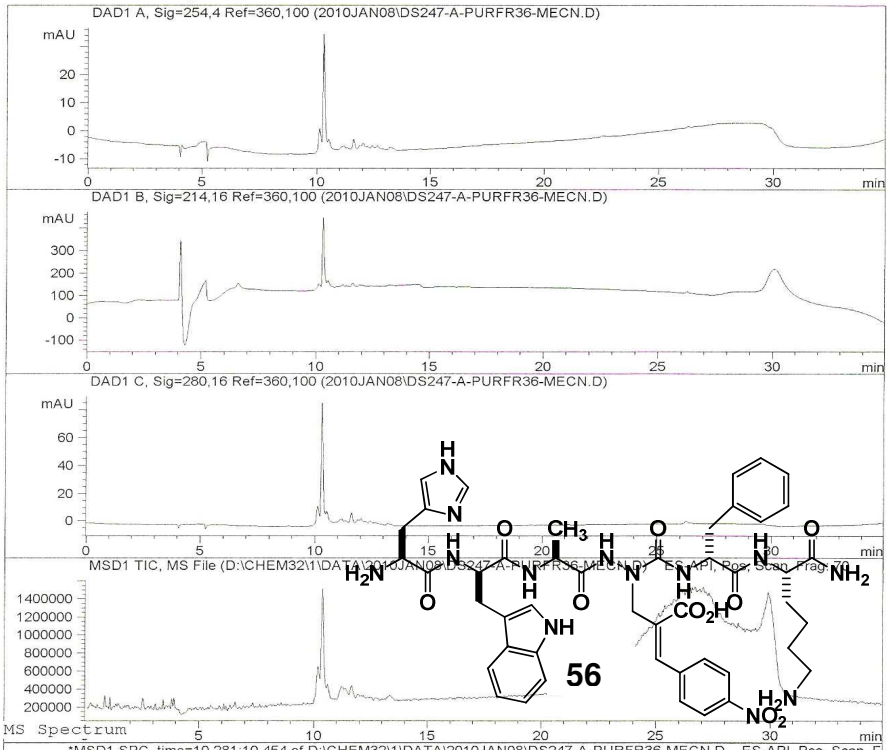

C:\DATA\ds247-a
0-80_meOH
RT: 0.00 - 24.99
01/04/2010 07:56:24 PM
NL:
2.53E9
TIC MS
ds247-a
NL:
3.33E5
Channel A
UV ds247-a
RT: 11.59
MA: 339366
NL:
2.68E8
m/z=
951.00-
952.00 MS
ds247-a
Relative Abundance
Time (min)
56
ds247-a#455 RT:
12.08 AV: 1 NL:
4.15E8 T: + c ESI
Full ms [
100.00-2000.00]
ds247-a#435 RT:
11.61 AV: 1 NL:
2.59E8 T: + c ESI
Full ms [
100.00-2000.00]
ds247-a#422 RT:
11.29 AV: 1 NL:
1.27E8 T: + c ESI
Full ms [
100.00-2000.00]
ds247-a#407 RT:
10.93 AV: 1 NL:
8.45E7 T: + c ESI
Full ms [
100.00-2000.00]
m/z

~~Print~~ of all graphic windows

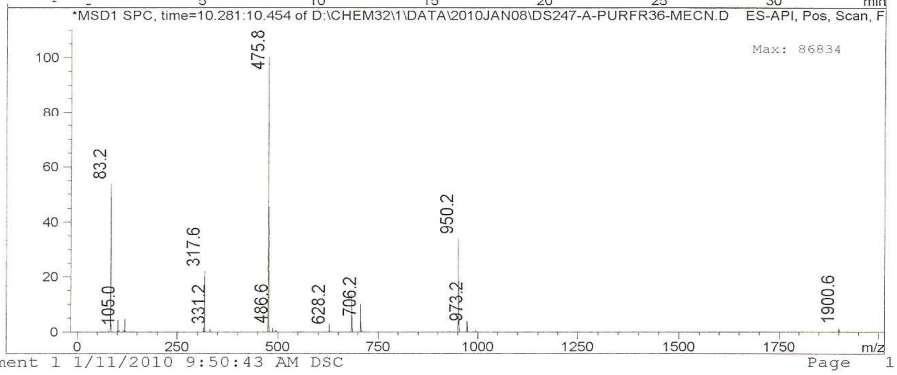


Print of all graphic windows

Current Chromatogram(s)



MS Spectrum



Instrument 1 1/11/2010 9:50:43 AM DSC

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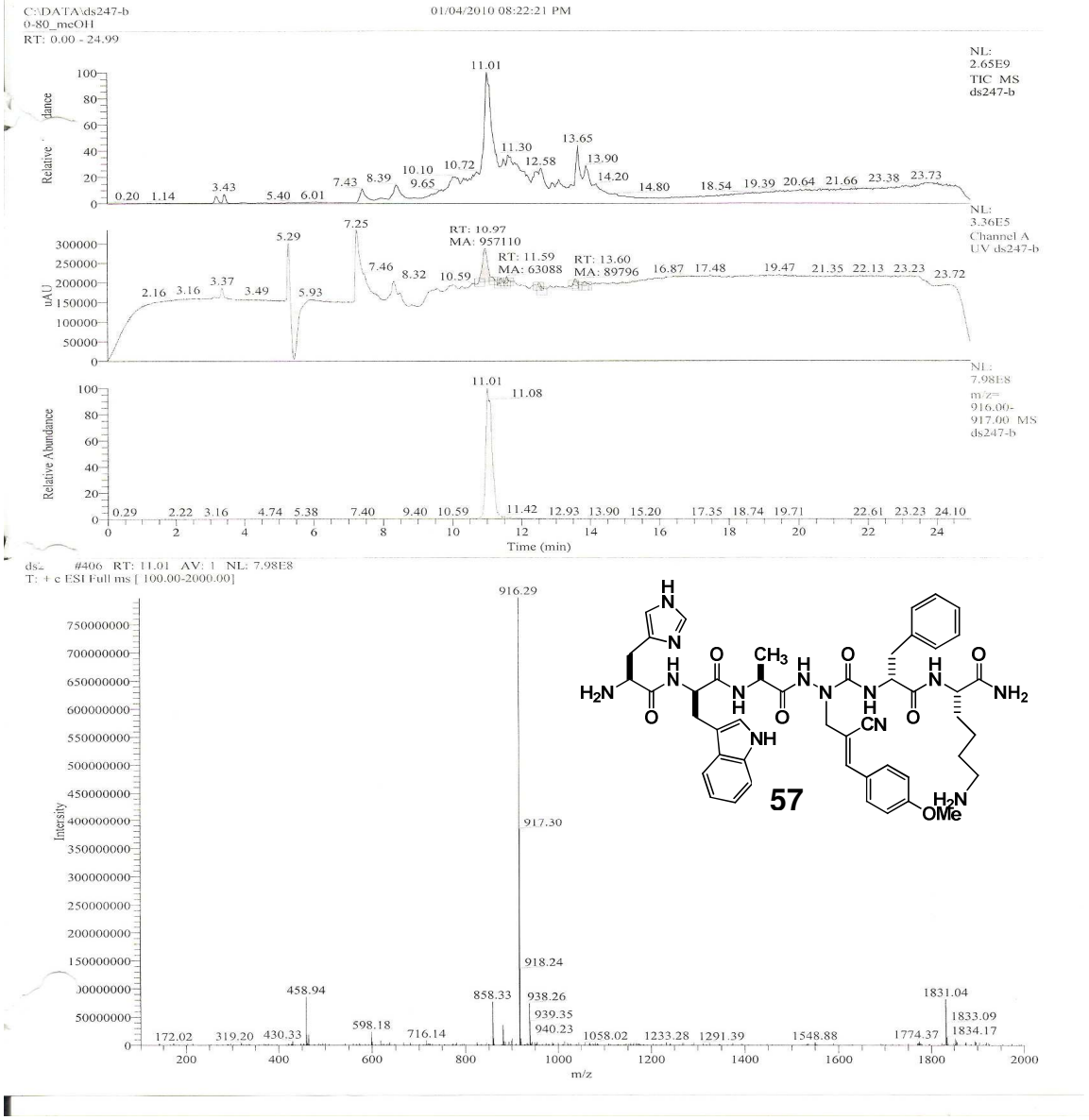
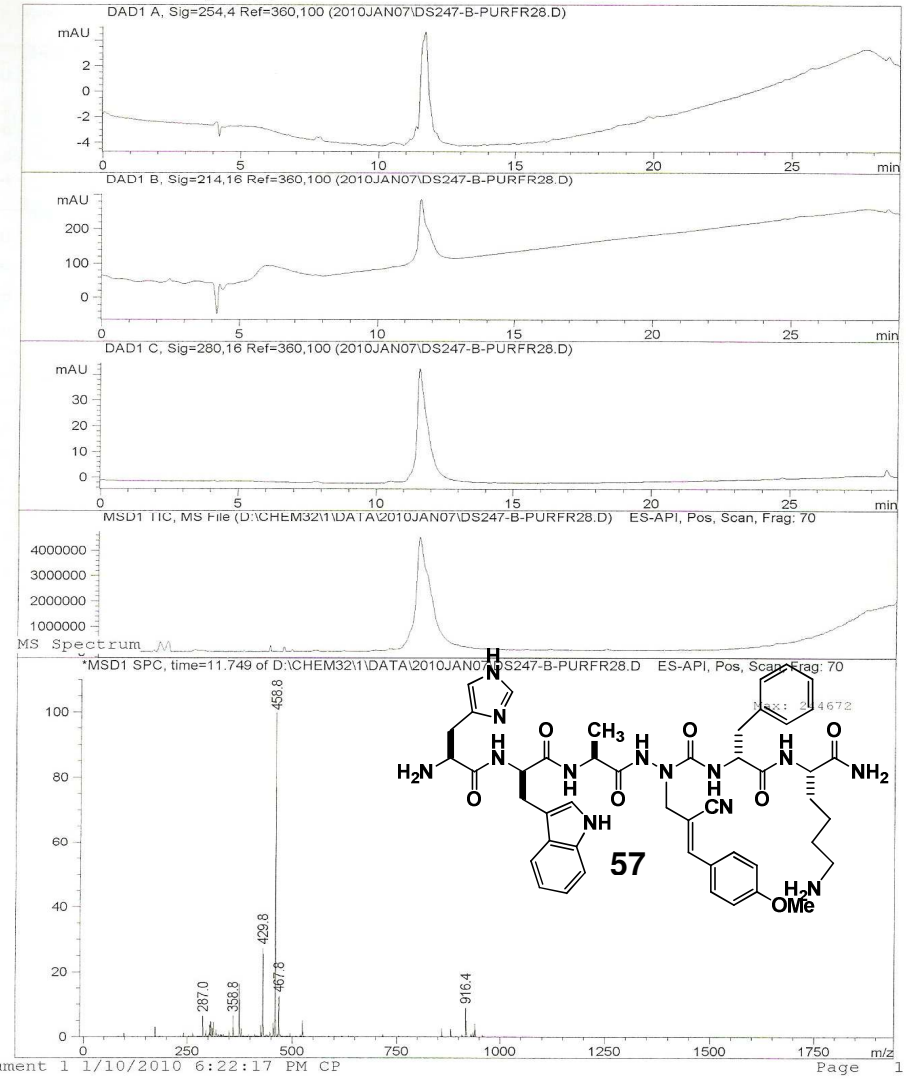

C:\DATA\ds247-b
0-80_meOH
RT: 0.00 - 24.99
01/04/2010 08:22:21 PM
NL:
2.65E9
TIC MS
ds247-b
Relative Abundance
11.01
11.30
13.65
13.90
12.58
14.20
10.72
10.10
9.65
8.39
7.43
3.43
5.40
6.01
0.20
1.14
14.80
18.54
19.39
20.64
21.66
23.38
23.73
NL:
3.36E5
Channel A
UV ds247-b
uAU
5.29
7.25
RT: 10.97
MA: 957110
RT: 11.59
MA: 63088
RT: 13.60
MA: 89796
7.46
8.32
10.59
3.37
3.49
2.16
3.16
5.93
16.87
17.48
19.47
21.35
22.13
23.23
23.72
NL:
7.98E8
m/z=
916.00-
917.00 MS
ds247-b
Relative Abundance
11.01
11.08
0.29
2.22
3.16
4.74
5.38
7.40
9.40
10.59
11.42
12.93
13.90
15.20
17.35
18.74
19.71
22.61
23.23
24.10
Time (min)
ds2 #406 RT: 11.01 AV: 1 NL: 7.98E8
T: + c ESI Full ms [100.00-2000.00]
Intensity
916.29
917.30
918.24
458.94
858.33
938.26
939.35
940.23
598.18
716.14
172.02
319.20
430.33
1058.02
1233.28
1291.39
1548.88
1774.37
1831.04
1833.09
1834.17
m/z
57

Print of all graphic windows

Current Chromatogram(s)



MS Spectrum

Instrument 1 1/10/2010 6:22:17 PM CP

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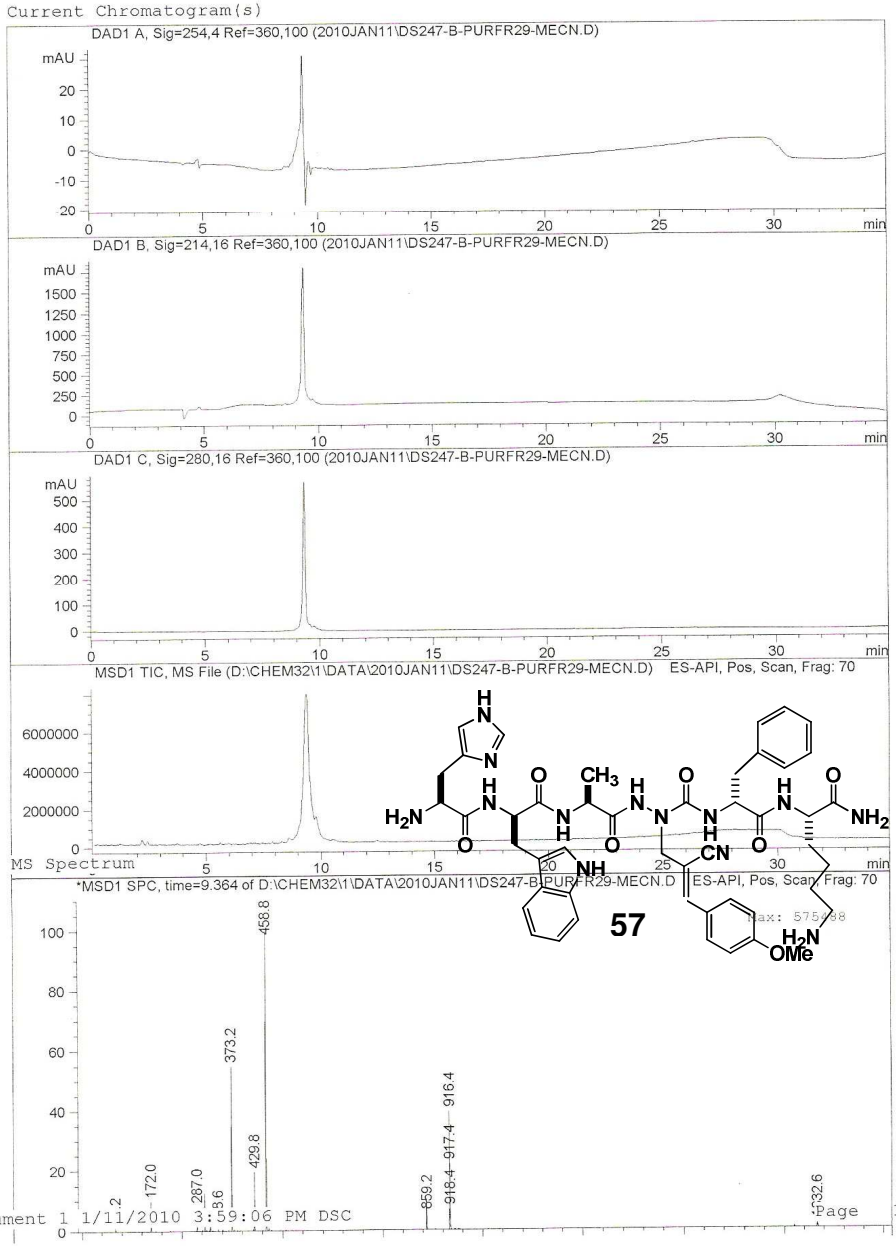
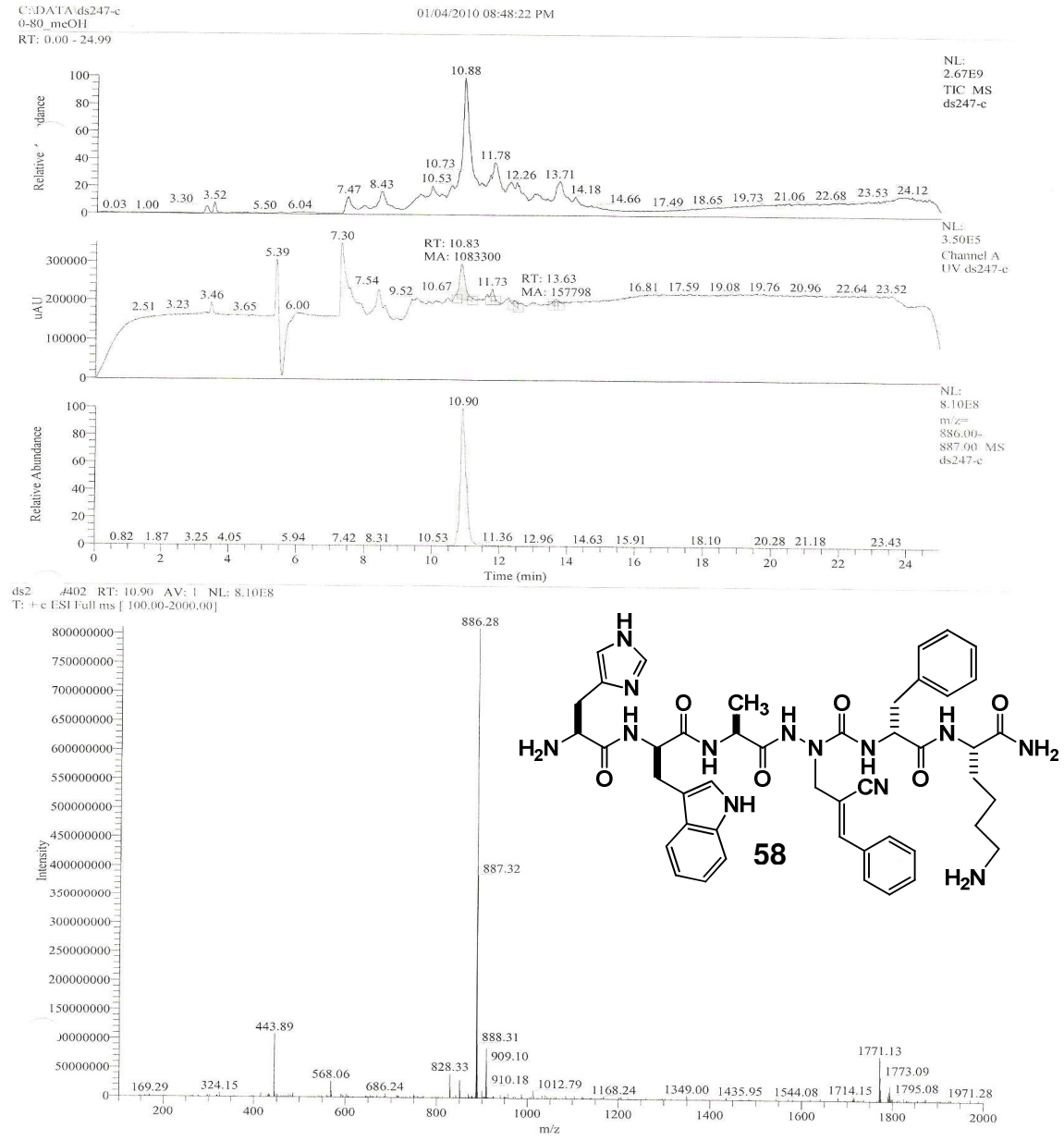
Print of all graphic windows

Current Chromatogram(s)

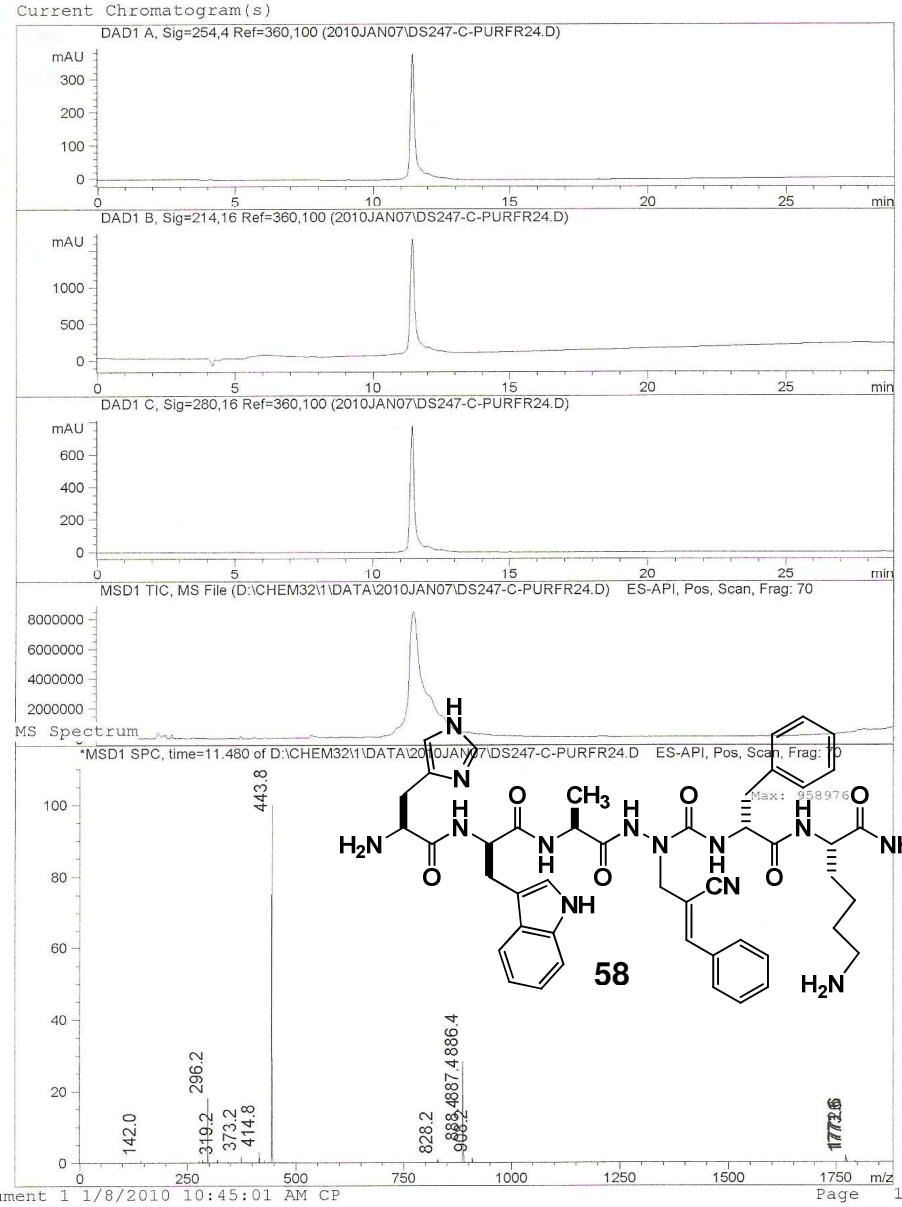


Instrument 1 1/11/2010 3:59:06 PM DSC


C:\DATA\ds247-c
0-80_meOH
RT: 0.00 - 24.99
01/04/2010 08:48:22 PM
NL:
2.67E9
TIC MS
ds247-e
NL:
3.50E5
Channel A
UV ds247-e
RT: 10.83
MA: 1083300
RT: 13.63
MA: 157798
NL:
8.10E8
m/z=
886.00-
887.00 MS
ds247-e
Relative Abundance
Time (min)
uAU
ds2 #402 RT: 10.90 AV: 1 NL: 8.10E8
T: + c ESI Full ms [100.00-2000.00]
Intensity
m/z
886.28
887.32
443.89
888.31
909.10
910.18
58

Print of all graphic windows

Current Chromatogram(s)



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Instrument 1 1/8/2010 10:45:01 AM CP

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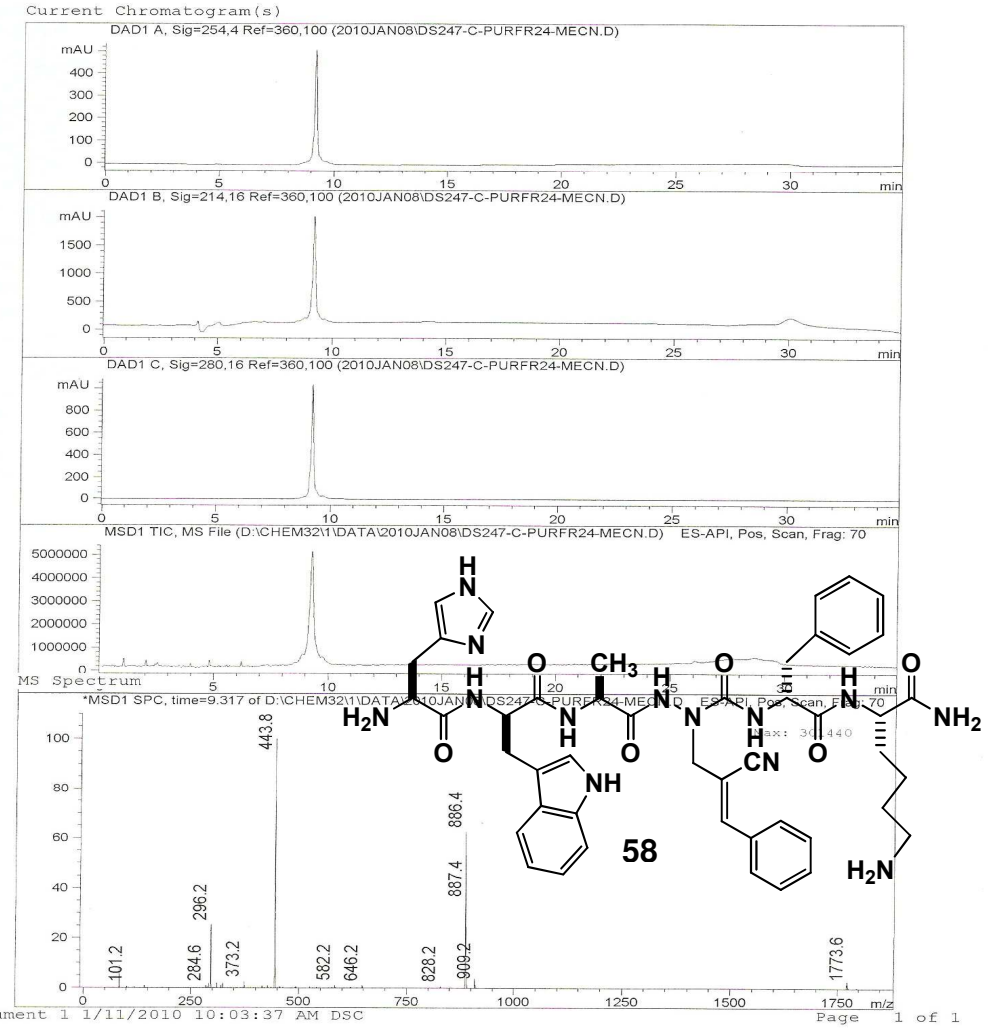
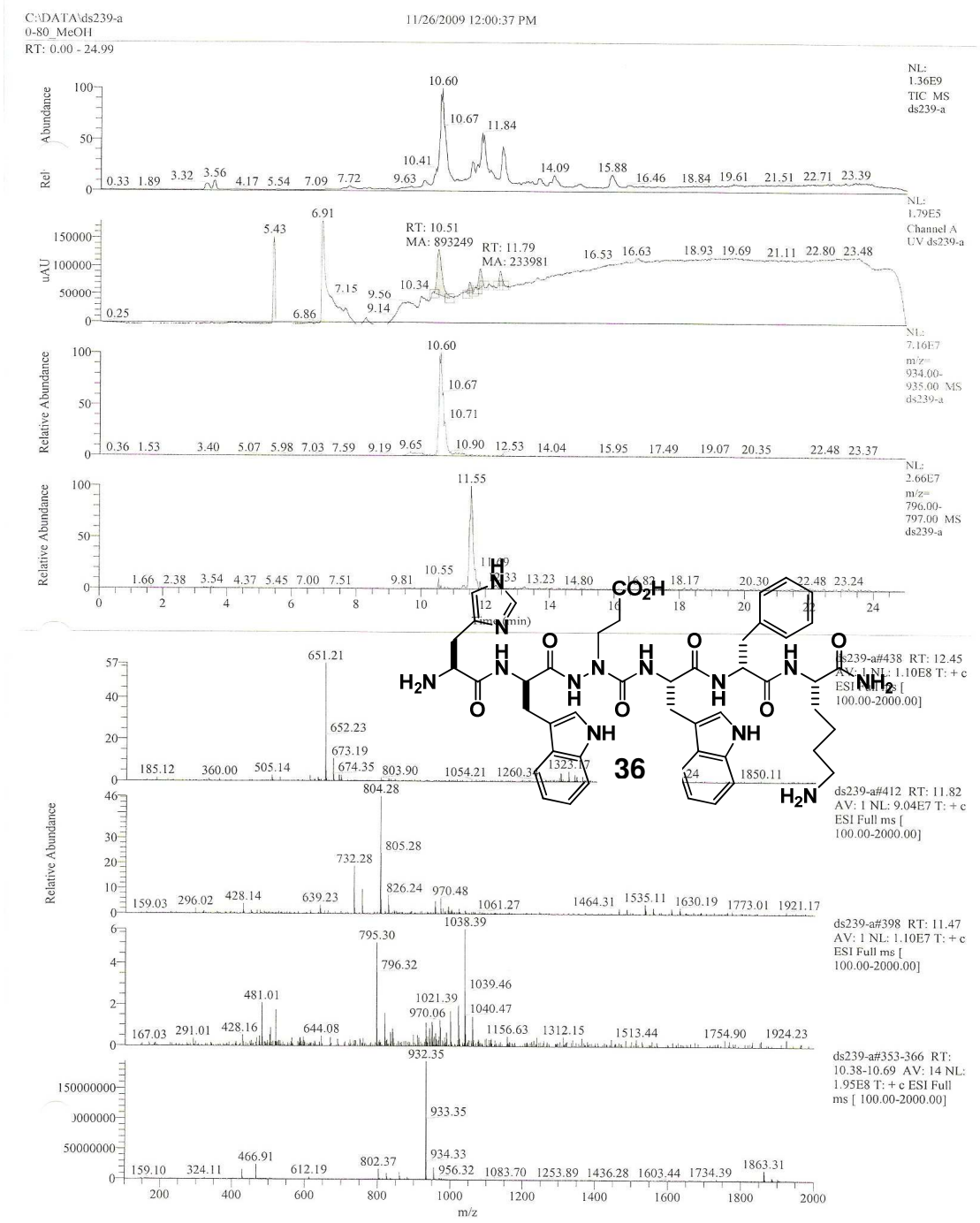
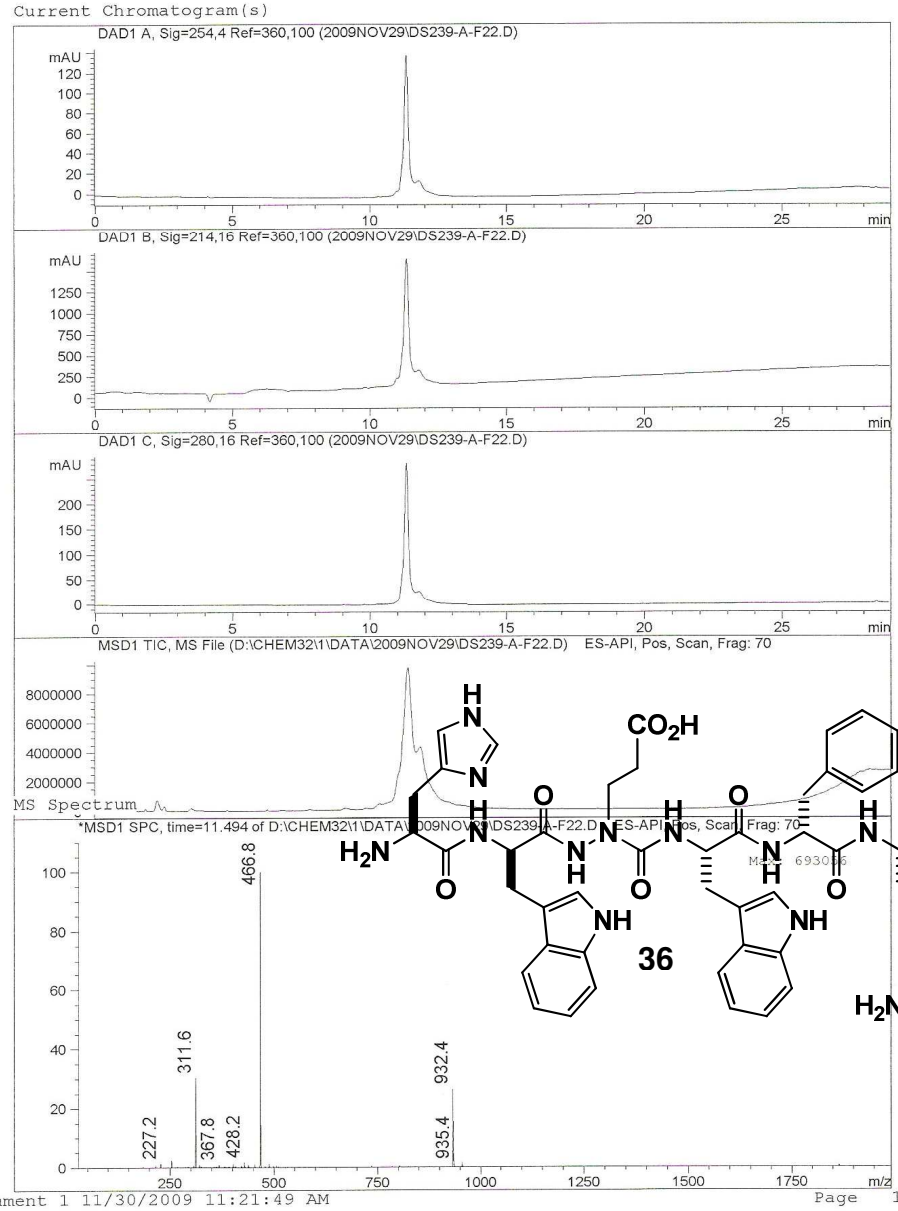
Print of all graphic windows




C:\DATA\ds239-a
0-80_MeOH
RT: 0.00 - 24.99
11/26/2009 12:00:37 PM
NL: 1.36E9 TIC MS ds239-a
NL: 1.79E5 Channel A UV ds239-a
RT: 10.51 MA: 893249
RT: 11.79 MA: 233981
NL: 7.16E7 m/z= 934.00-935.00 MS ds239-a
NL: 2.66E7 m/z= 796.00-797.00 MS ds239-a
36
ds239-a#438 RT: 12.45 AV: 1 NL: 1.10E8 T: + c ESI Full ms [100.00-2000.00]
ds239-a#412 RT: 11.82 AV: 1 NL: 9.04E7 T: + c ESI Full ms [100.00-2000.00]
ds239-a#398 RT: 11.47 AV: 1 NL: 1.10E7 T: + c ESI Full ms [100.00-2000.00]
ds239-a#353-366 RT: 10.38-10.69 AV: 14 NL: 1.95E8 T: + c ESI Full ms [100.00-2000.00]
Abundance
Relative Abundance
uAU
m/z

Print of all graphic windows

Current Chromatogram(s)



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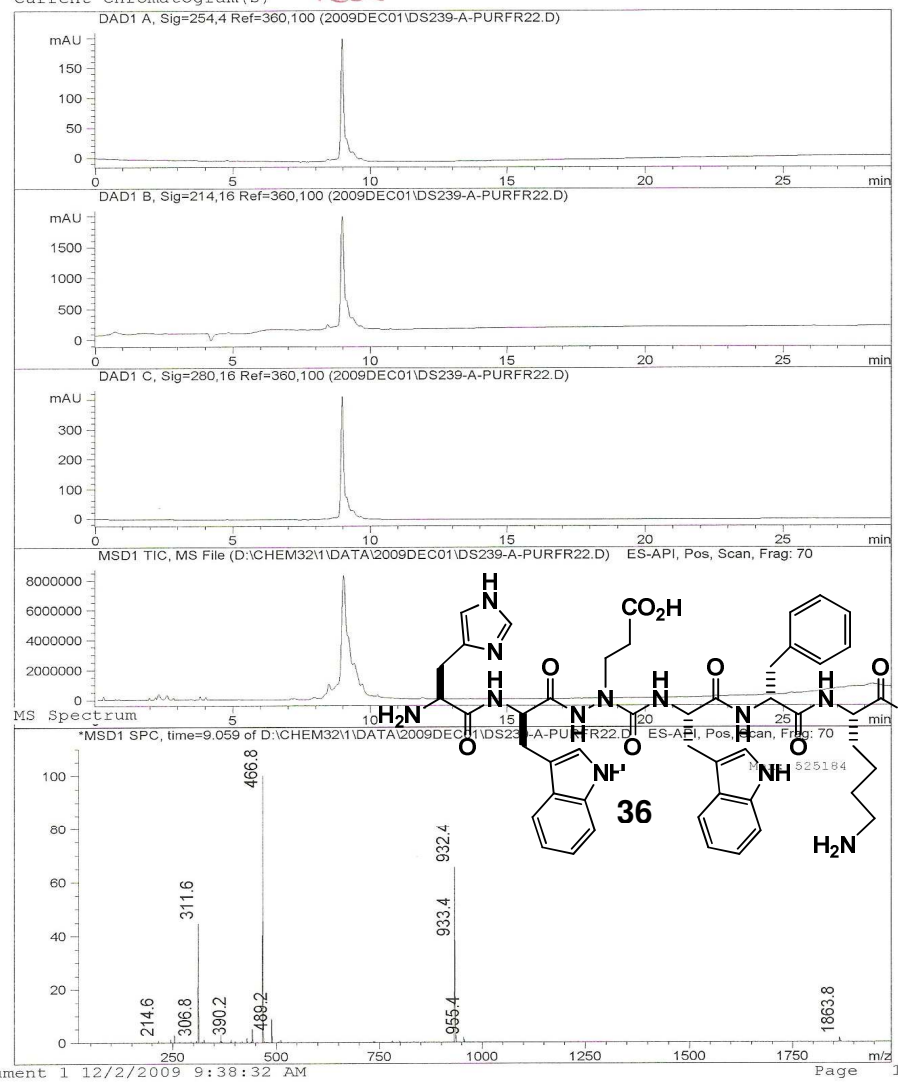
Print of all graphic windows

Current Chromatogram(s) – MeCN



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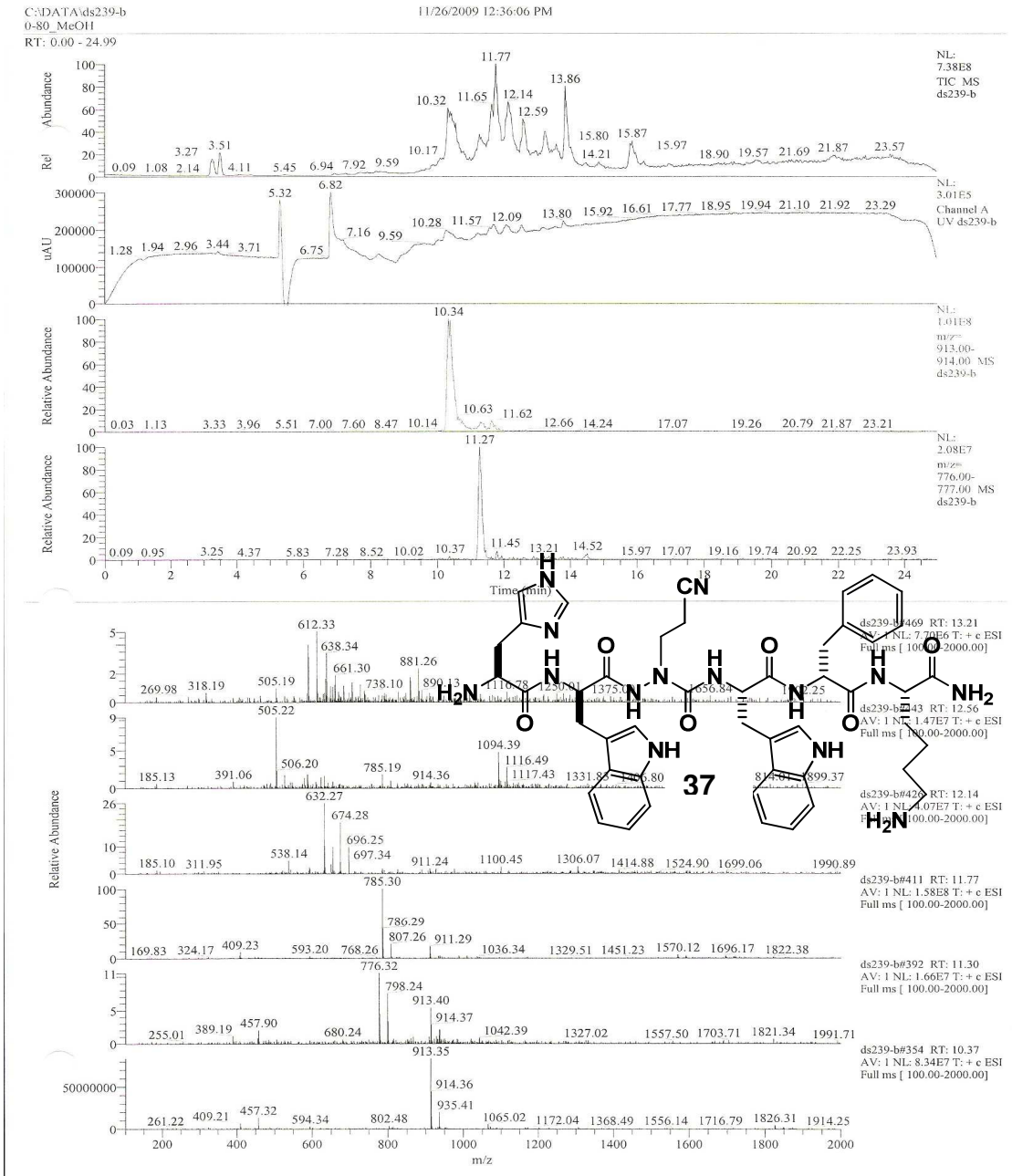
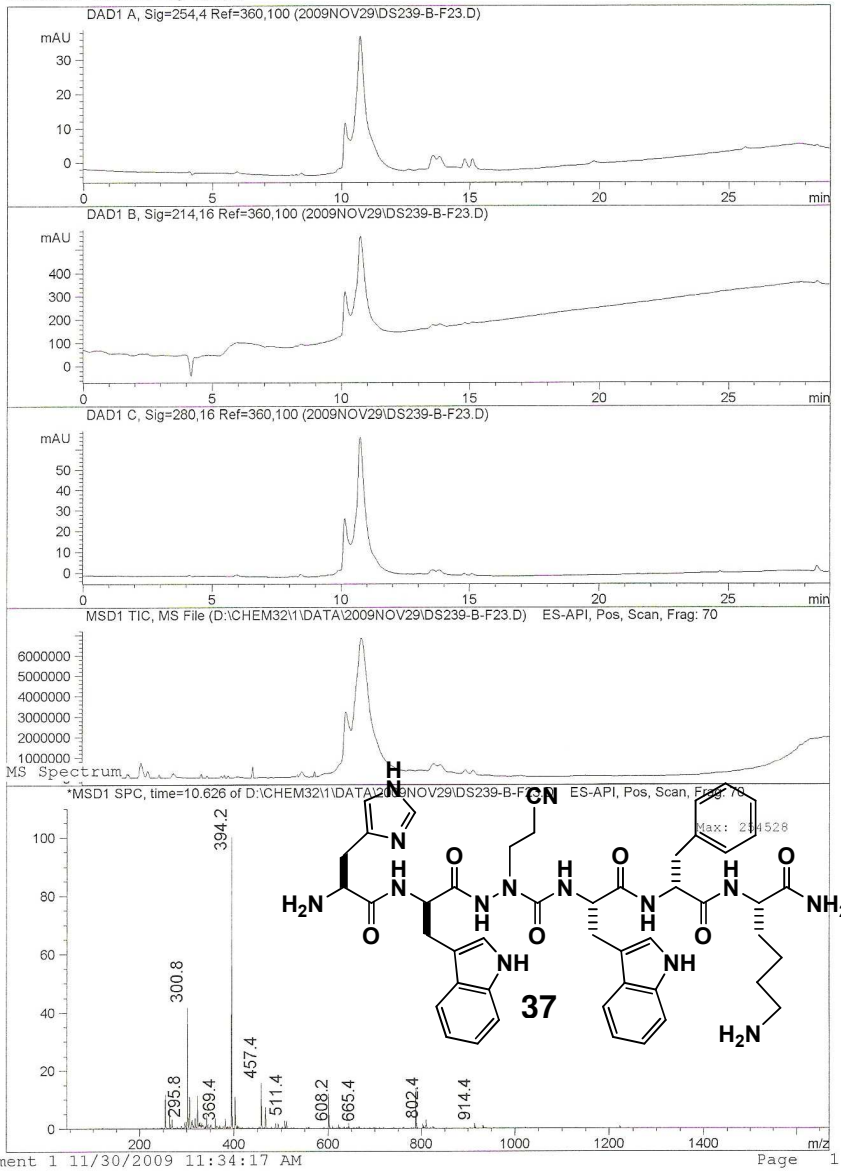

C:\DATA\ds239-b
0-80_MeOH
RT: 0.00 - 24.99
11/26/2009 12:36:06 PM
NL:
7.38E8
TIC MS
ds239-b
NL:
3.01E5
Channel A
UV ds239-b
NL:
1.01E8
m/z=
913.00-
914.00 MS
ds239-b
NL:
2.08E7
m/z=
776.00-
777.00 MS
ds239-b
Abundance
Rel
uAU
Relative Abundance
Time (min)
37
ds239-b#469 RT: 13.21
AV: 1 NL: 7.70E6 T: + c ESI
Full ms [100.00-2000.00]
ds239-b#443 RT: 12.56
AV: 1 NL: 1.47E7 T: + c ESI
Full ms [100.00-2000.00]
ds239-b#426 RT: 12.14
AV: 1 NL: 4.07E7 T: + c ESI
Full ms [100.00-2000.00]
ds239-b#411 RT: 11.77
AV: 1 NL: 1.58E8 T: + c ESI
Full ms [100.00-2000.00]
ds239-b#392 RT: 11.30
AV: 1 NL: 1.66E7 T: + c ESI
Full ms [100.00-2000.00]
ds239-b#354 RT: 10.37
AV: 1 NL: 8.34E7 T: + c ESI
Full ms [100.00-2000.00]
m/z

Print of all graphic windows

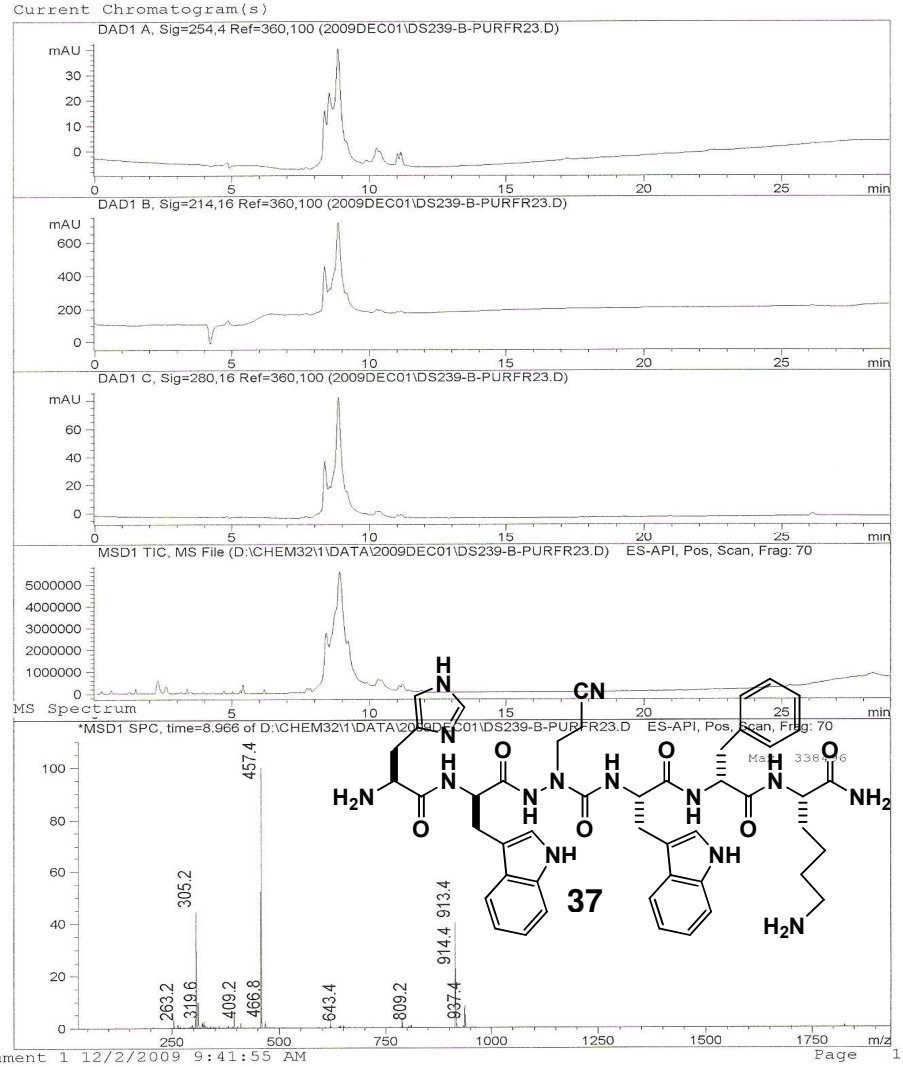
Current Chromatogram(s)



Instrument 1 11/30/2009 11:34:17 AM Page 1 of 1

Print of all graphic windows - new

Current Chromatogram(s)



MS Spectrum

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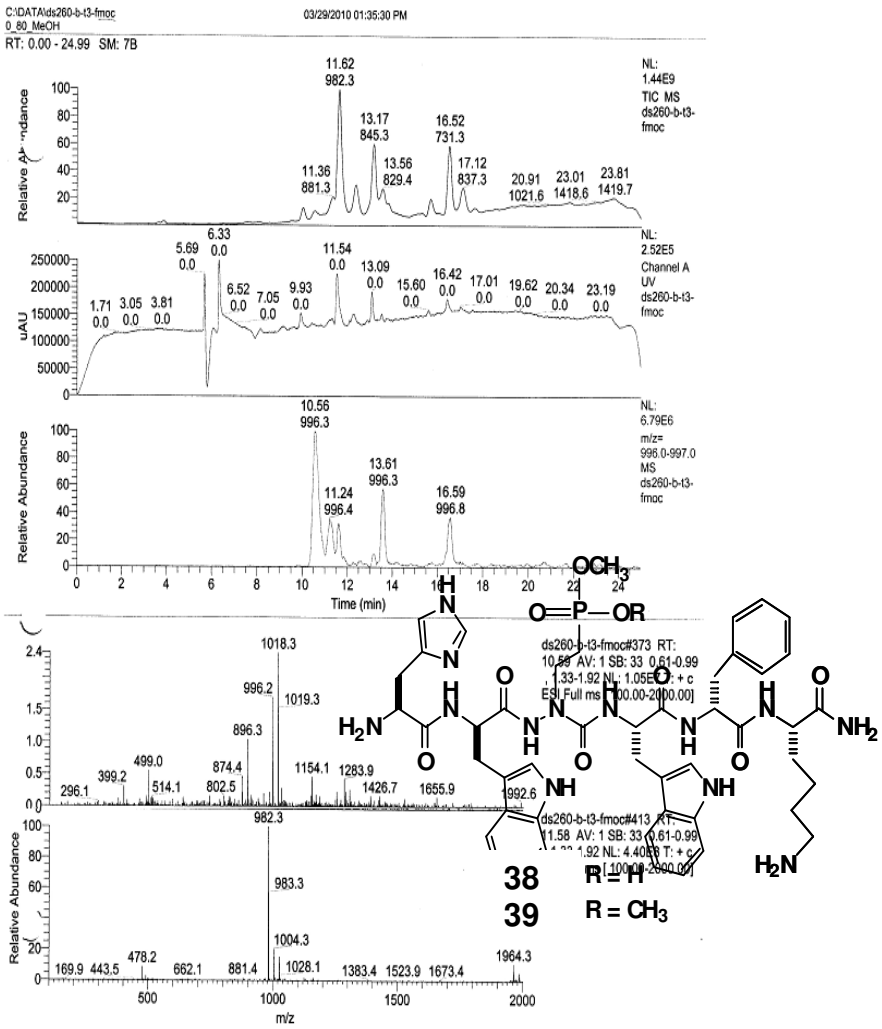
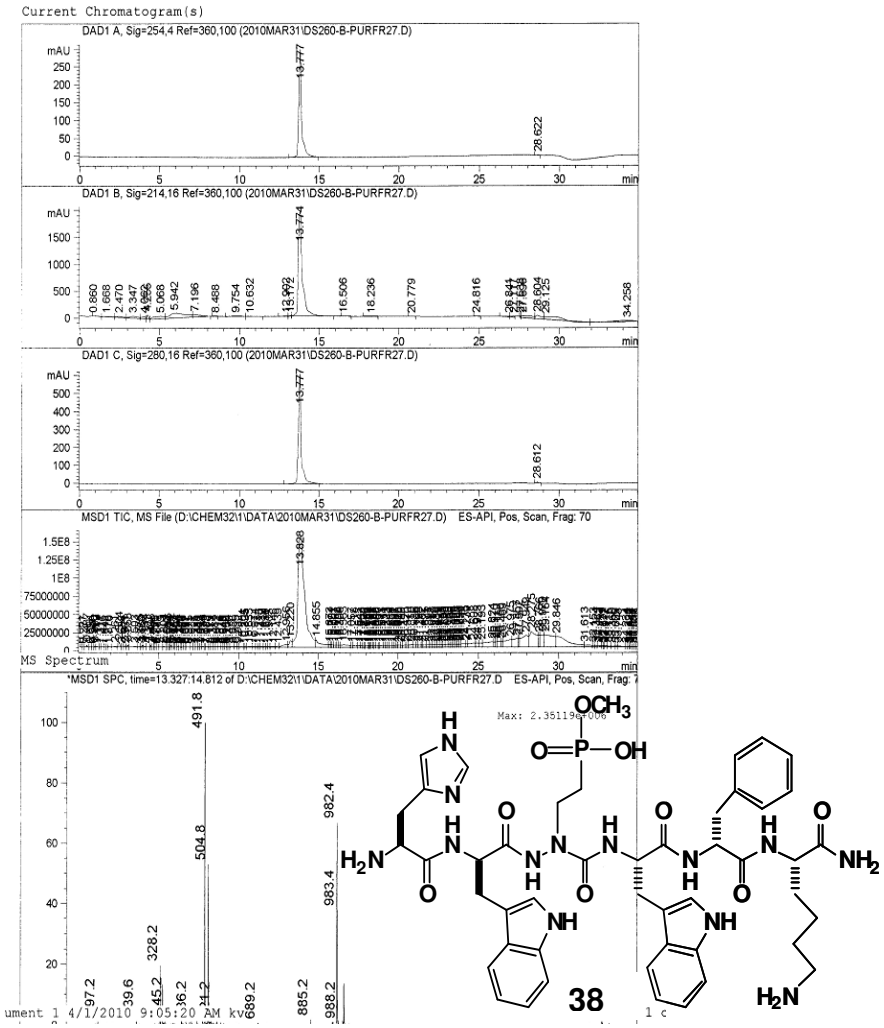
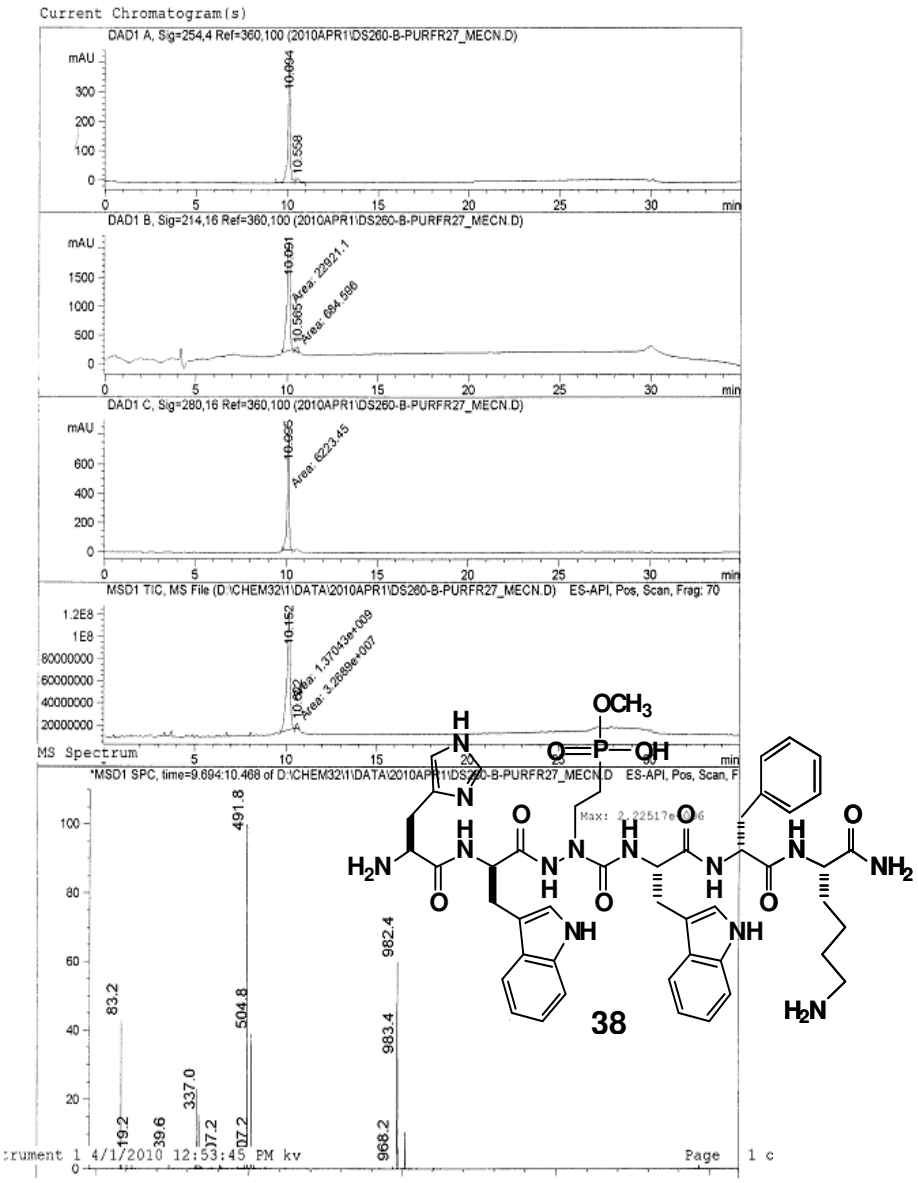
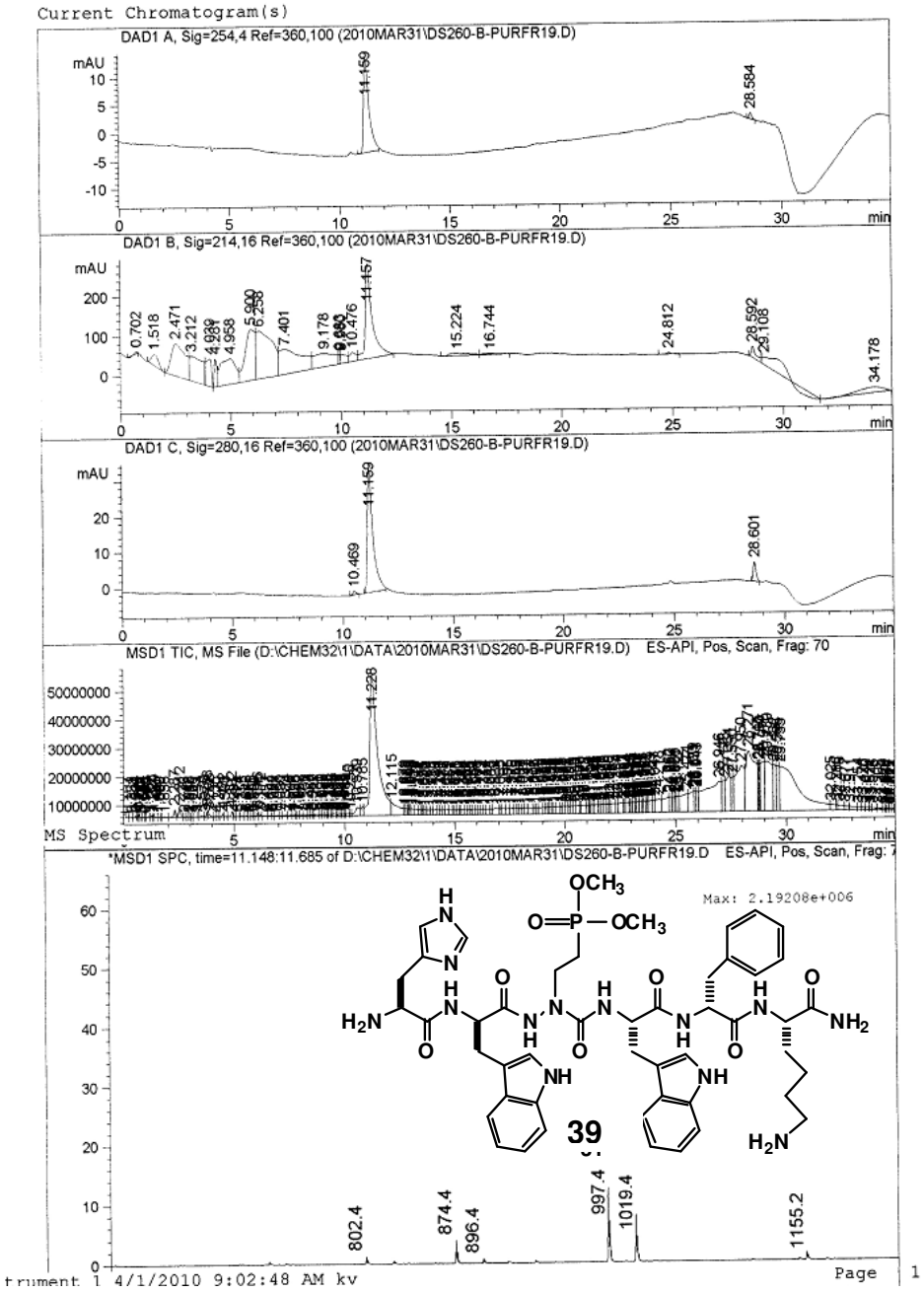
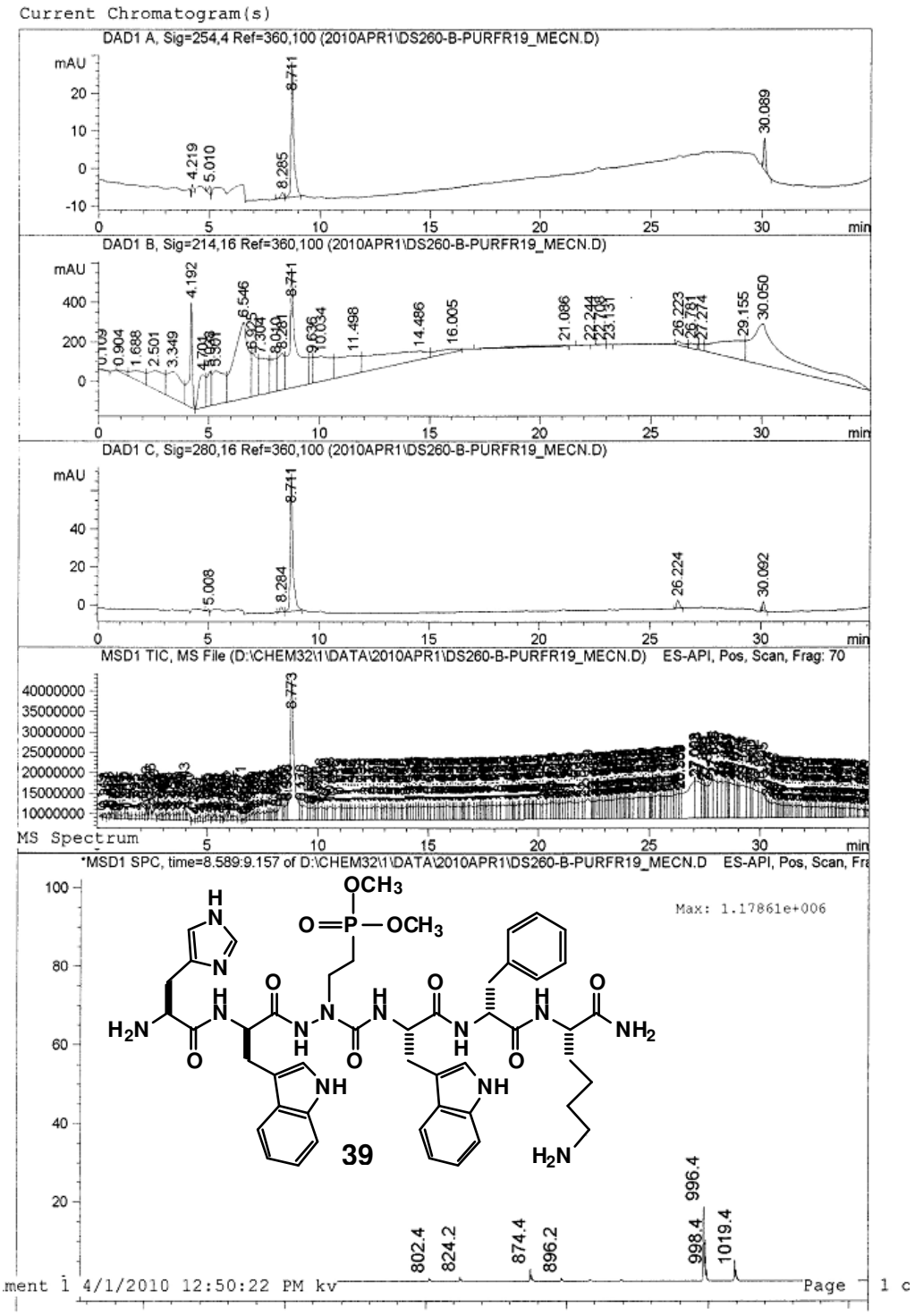
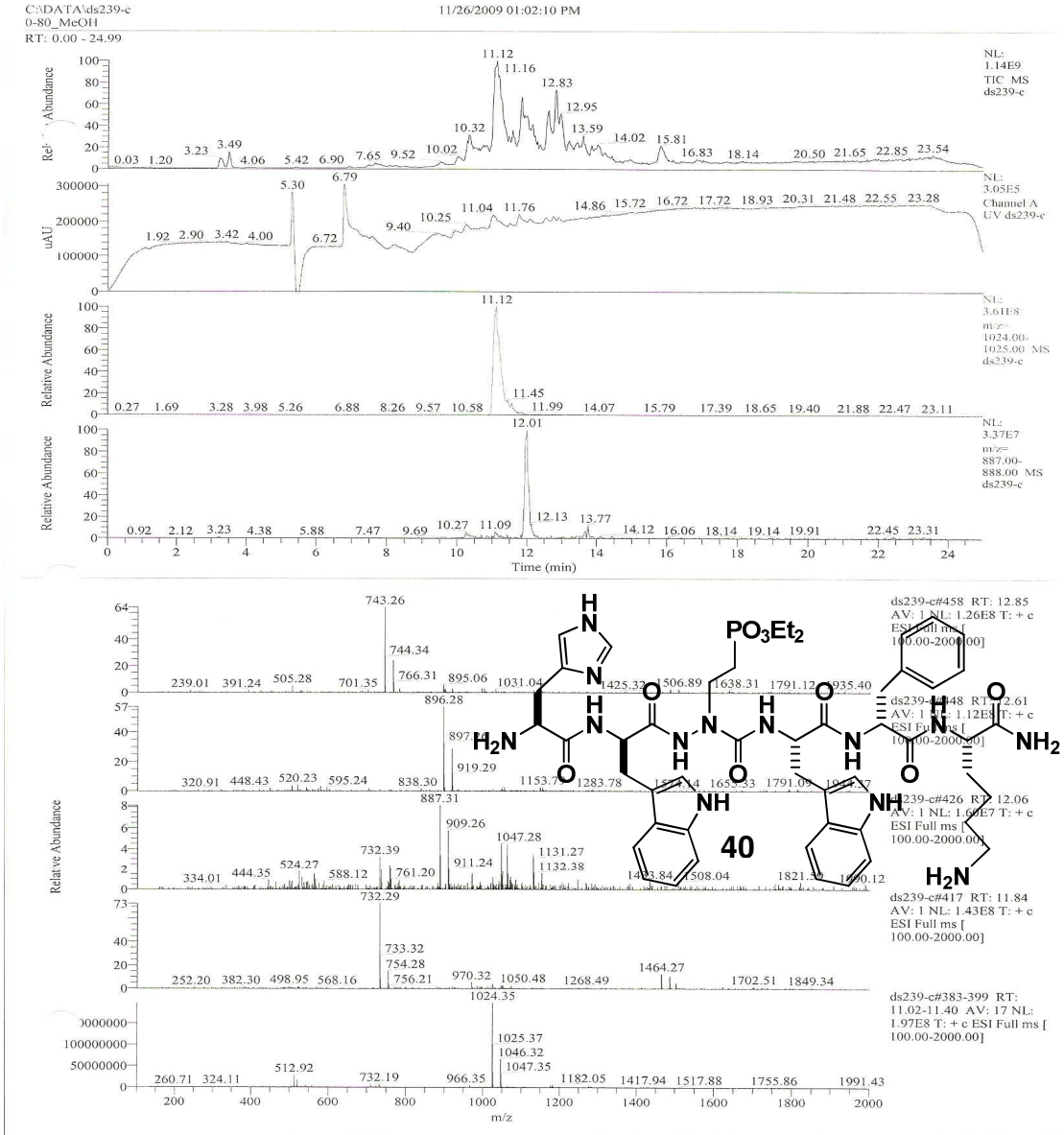

C:\DATA\ds260-b-t3-fmoc
0_60_MeOH
03/29/2010 01:35:30 PM
RT: 0.00 - 24.99 SM: 7B
NL:
1.44E9
TIC MS
ds260-b-t3-fmoc
NL:
2.52E5
Channel A
UV
ds260-b-t3-fmoc
NL:
6.79E6
m/z=
996.0-997.0
MS
ds260-b-t3-fmoc
Relative Abundance
uAU
Time (min)
m/z
OCH3
O=P—OR
38
R = H
39
R = CH3


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAR31\DS260-B-PURFR27.D)
DAD1 B, Sig=214,16 Ref=360,100 (2010MAR31\DS260-B-PURFR27.D)
DAD1 C, Sig=280,16 Ref=360,100 (2010MAR31\DS260-B-PURFR27.D)
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAR31\DS260-B-PURFR27.D) ES-API, Pos, Scan, Frag: 70
MS Spectrum
*MSD1 SPC, time=13.327:14.812 of D:\CHEM32\1\DATA\2010MAR31\DS260-B-PURFR27.D ES-API, Pos, Scan, Frag:
491.8
504.8
328.2
982.4
983.4
38


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010APR1\DS260-B-PURFR27_MECN.D)
DAD1 B, Sig=214,16 Ref=360,100 (2010APR1\DS260-B-PURFR27_MECN.D)
DAD1 C, Sig=280,16 Ref=360,100 (2010APR1\DS260-B-PURFR27_MECN.D)
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010APR1\DS260-B-PURFR27_MECN.D) ES-API, Pos, Scan, Frag: 70
MS Spectrum
*MSD1 SPC, time=9.694:10.468 of D:\CHEM32\1\DATA\2010APR1\DS260-B-PURFR27_MECN.D ES-API, Pos, Scan, F
491.8
504.8
982.4
983.4
968.2
83.2
337.0
19.2
39.6
Page 1 c
38

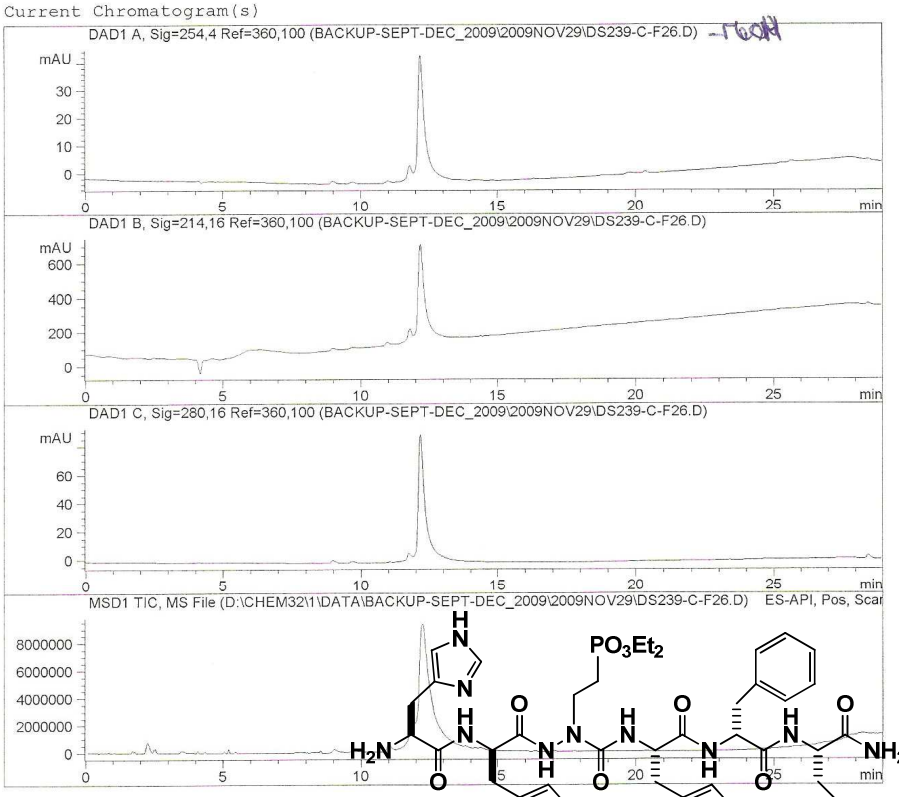

Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010MAR31\DS260-B-PURFR19.D)
DAD1 B, Sig=214,16 Ref=360,100 (2010MAR31\DS260-B-PURFR19.D)
DAD1 C, Sig=280,16 Ref=360,100 (2010MAR31\DS260-B-PURFR19.D)
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010MAR31\DS260-B-PURFR19.D) ES-API, Pos, Scan, Frag: 70
MS Spectrum
*MSD1 SPC, time=11.148:11.685 of D:\CHEM32\1\DATA\2010MAR31\DS260-B-PURFR19.D ES-API, Pos, Scan, Frag:
Max: 2.19208e+006
39
802.4
874.4
896.4
997.4
1019.4
1155.2
Page 1


Current Chromatogram(s)
DAD1 A, Sig=254,4 Ref=360,100 (2010APR1\DS260-B-PURFR19_MECN.D)
DAD1 B, Sig=214,16 Ref=360,100 (2010APR1\DS260-B-PURFR19_MECN.D)
DAD1 C, Sig=280,16 Ref=360,100 (2010APR1\DS260-B-PURFR19_MECN.D)
MSD1 TIC, MS File (D:\CHEM32\1\DATA\2010APR1\DS260-B-PURFR19_MECN.D) ES-API, Pos, Scan, Frag: 70
MS Spectrum
*MSD1 SPC, time=8.589:9.157 of D:\CHEM32\1\DATA\2010APR1\DS260-B-PURFR19_MECN.D ES-API, Pos, Scan, Fra
Max: 1.17861e+006
39
802.4
824.2
874.4
896.2
996.4
998.4
1019.4
ment 1 4/1/2010 12:50:22 PM kv
Page 1 c


C:\DATA\ds239-c
0-80_MeOH
11/26/2009 01:02:10 PM
RT: 0.00 - 24.99
NL: 1.14E9 TIC MS ds239-c
NL: 3.05E5 Channel A UV ds239-c
NL: 3.61E8 m/z= 1024.00-1025.00 MS ds239-c
NL: 3.37E7 m/z= 887.00-888.00 MS ds239-c
Relative Abundance
uAU
Time (min)
ds239-c#458 RT: 12.85 AV: 1 NL: 1.26E8 T: + c ESI Full ms [100.00-2000.00]
ds239-c#448 RT: 12.61 AV: 1 NL: 1.12E8 T: + c ESI Full ms [100.00-2000.00]
ds239-c#426 RT: 12.06 AV: 1 NL: 1.08E7 T: + c ESI Full ms [100.00-2000.00]
ds239-c#417 RT: 11.84 AV: 1 NL: 1.43E8 T: + c ESI Full ms [100.00-2000.00]
ds239-c#383-399 RT: 11.02-11.40 AV: 17 NL: 1.97E8 T: + c ESI Full ms [100.00-2000.00]
m/z
40

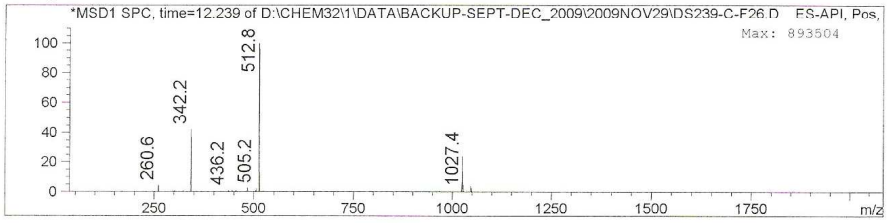
Print of all graphic windows

Current Chromatogram(s)



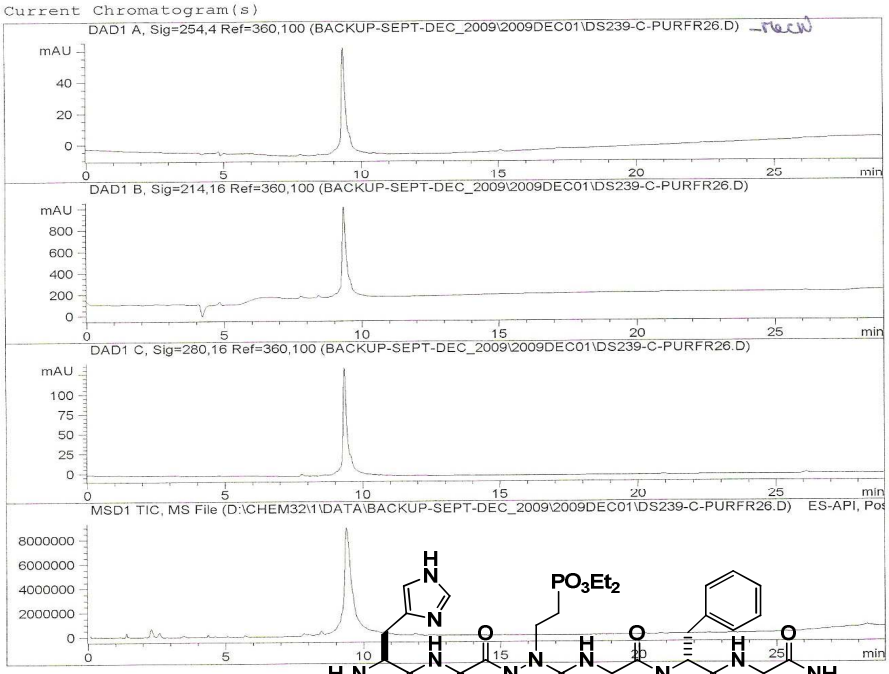
Print of all graphic windows

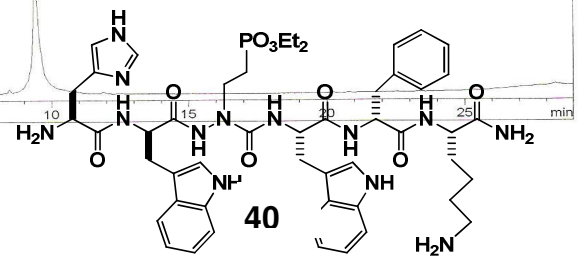
MS Spectrum



Print of all graphic windows

Current Chromatogram(s)





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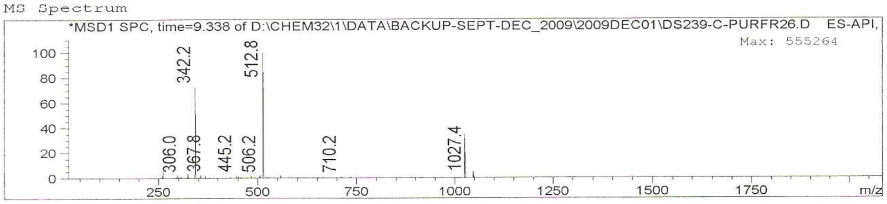
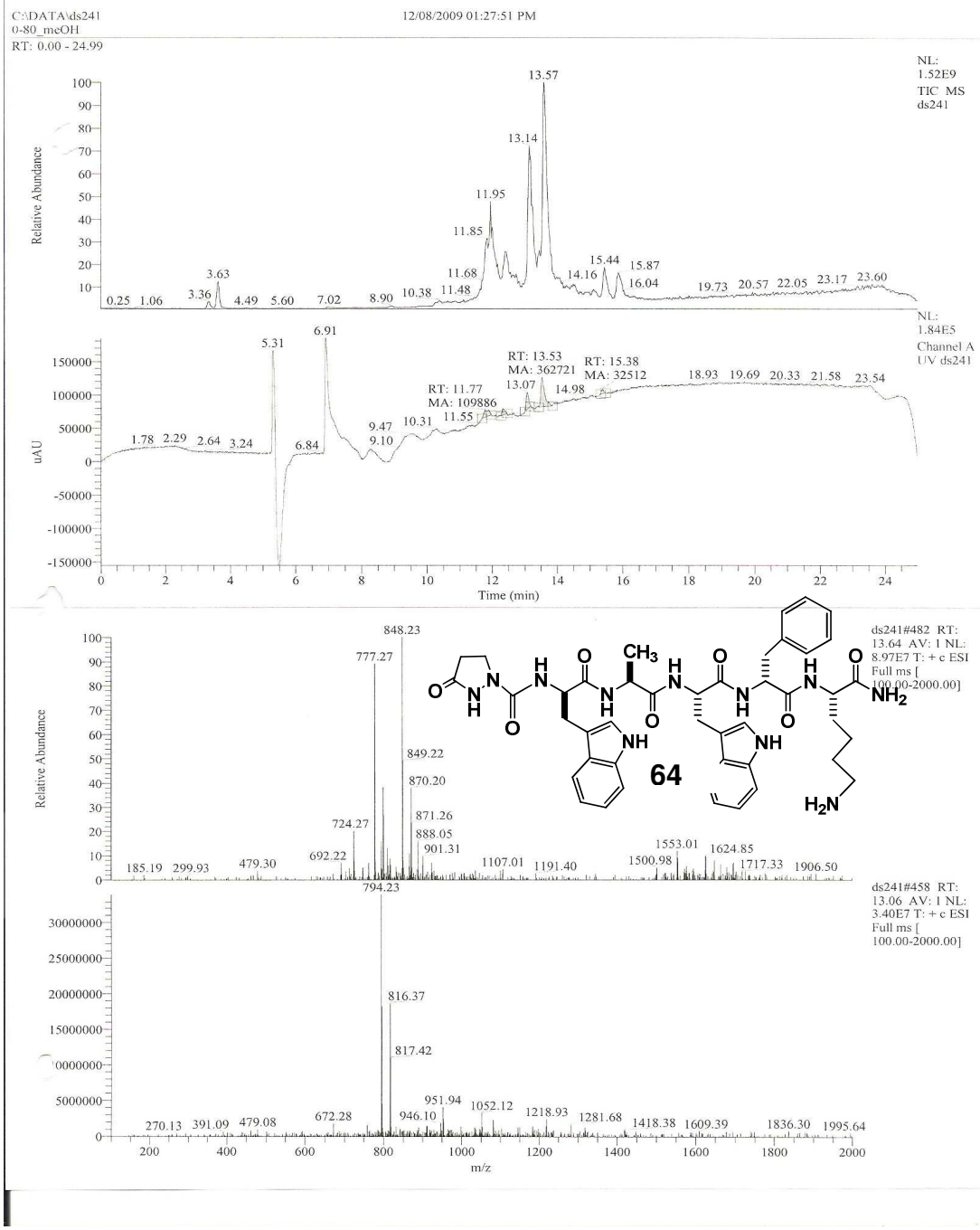
Print of all graphic windows

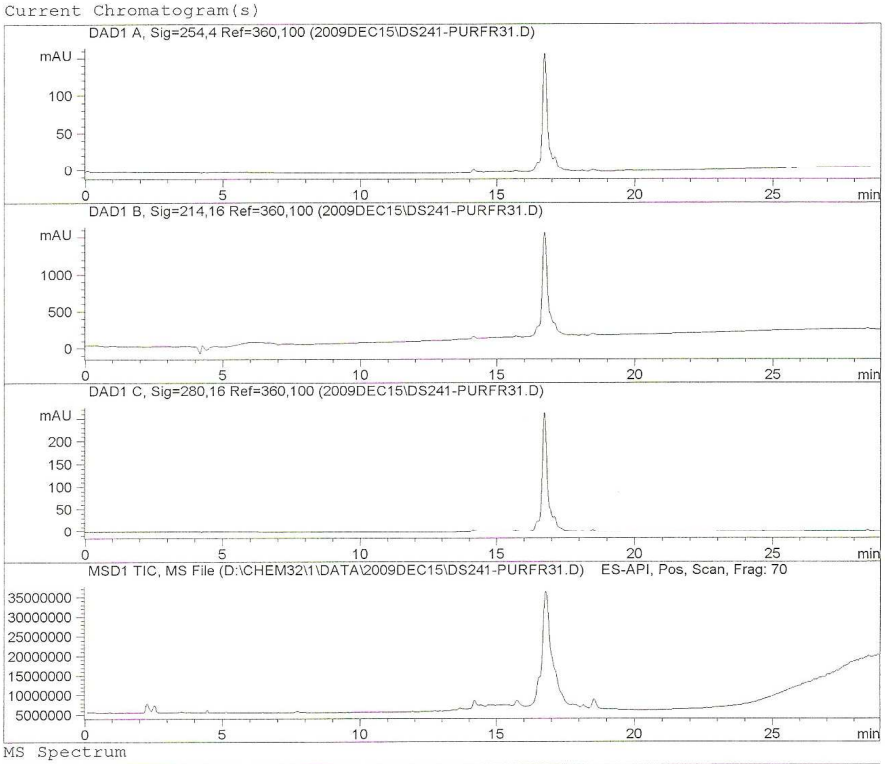
MS Spectrum



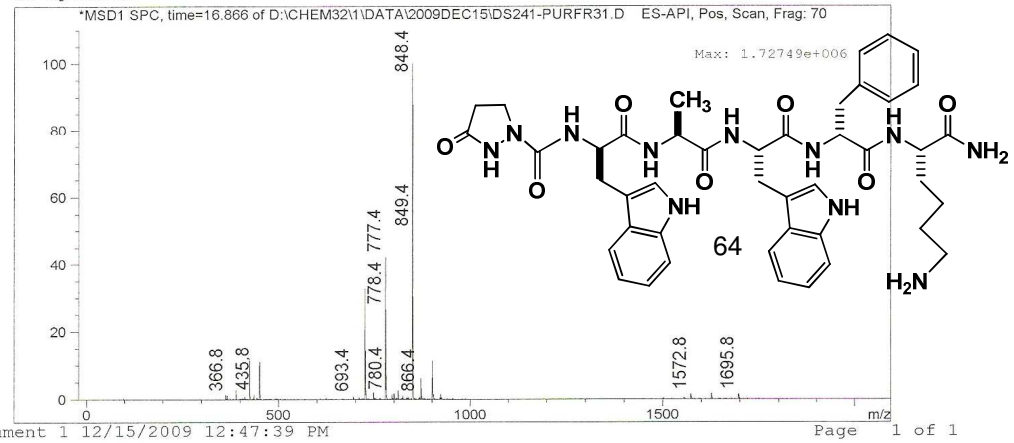

C:\DATA\ds241
0-80_meOH
RT: 0.00 - 24.99
12/08/2009 01:27:51 PM
NL:
1.52E9
TIC MS
ds241
Relative Abundance
13.57
13.14
11.95
11.85
11.68
11.48
10.38
8.90
7.02
5.60
4.49
3.63
3.36
1.06
0.25
14.16
15.44
15.87
16.04
19.73
20.57
22.05
23.17
23.60
NL:
1.84E5
Channel A
UV ds241
uAU
5.31
6.91
RT: 13.53
MA: 362721
RT: 15.38
MA: 32512
RT: 11.77
MA: 109886
13.07
14.98
11.55
10.31
9.47
9.10
6.84
3.24
2.64
2.29
1.78
18.93
19.69
20.33
21.58
23.54
Time (min)
ds241#482 RT:
13.64 AV: 1 NL:
8.97E7 T: + c ESI
Full ms [
100.00-2000.00]
848.23
777.27
849.22
870.20
871.26
888.05
901.31
724.27
692.22
479.30
299.93
185.19
1107.01
1191.40
1553.01
1500.98
1624.85
1717.33
1906.50
64
ds241#458 RT:
13.06 AV: 1 NL:
3.40E7 T: + c ESI
Full ms [
100.00-2000.00]
794.23
816.37
817.42
951.94
946.10
1052.12
1218.93
1281.68
1418.38
1609.39
1836.30
1995.64
672.28
479.08
391.09
270.13
m/z

Print of all graphic windows

Current Chromatogram(s)



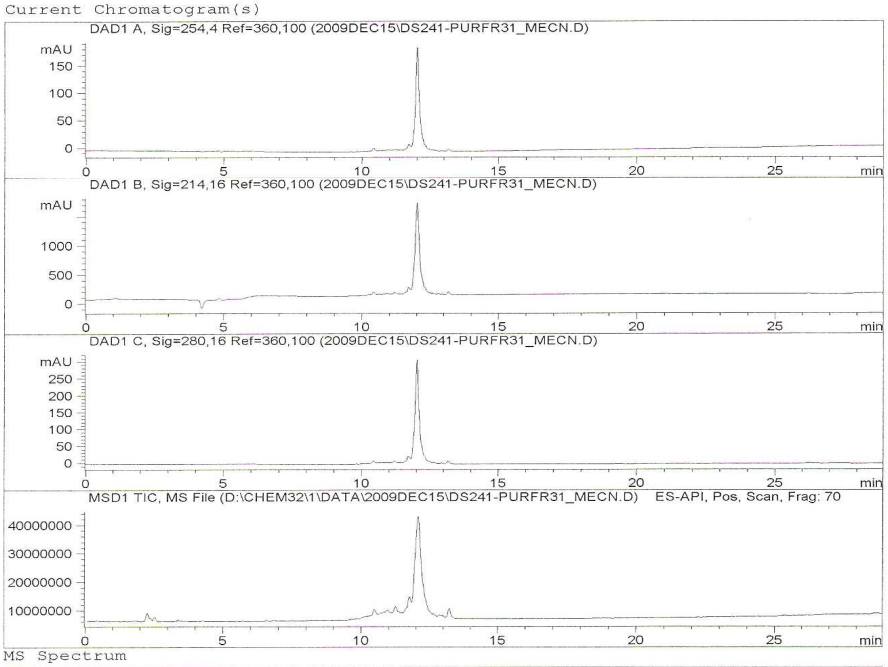
MS Spectrum



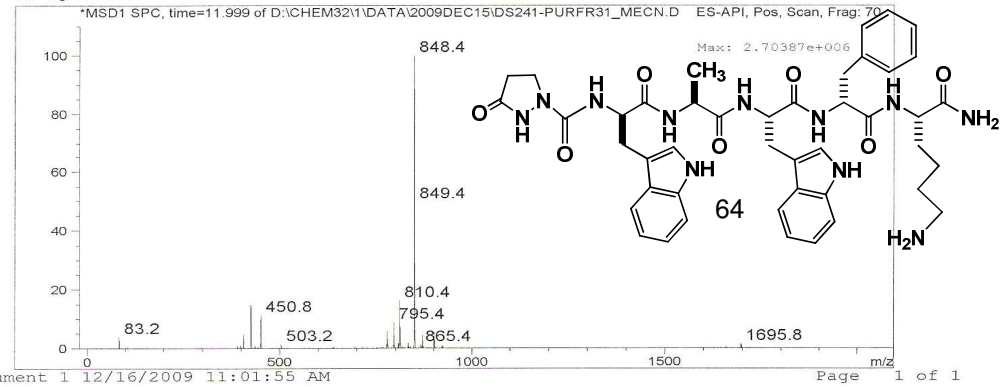
Instrument 1 12/15/2009 12:47:39 PM Page 1 of 1

Print of all graphic windows

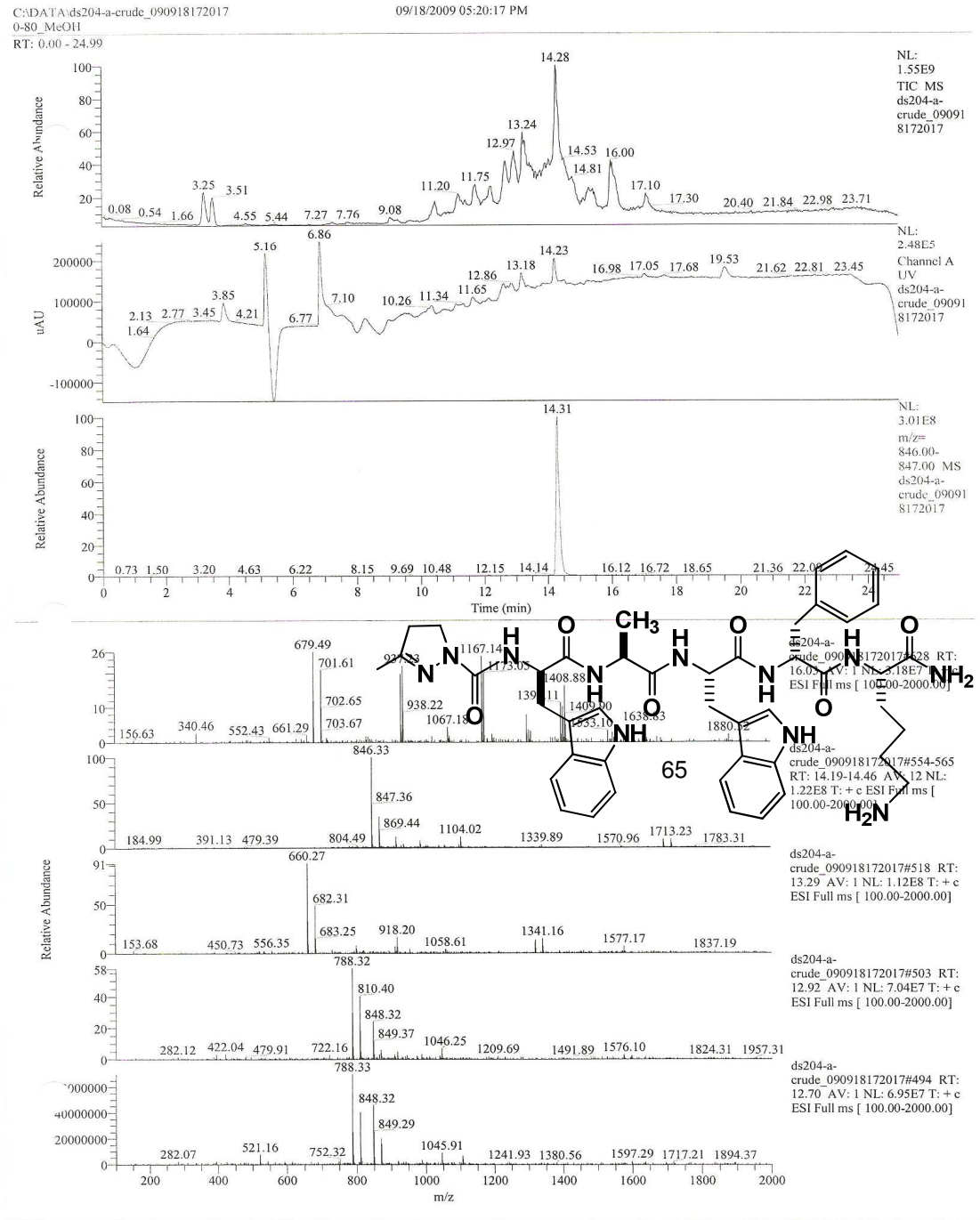
Current Chromatogram(s)



MS Spectrum

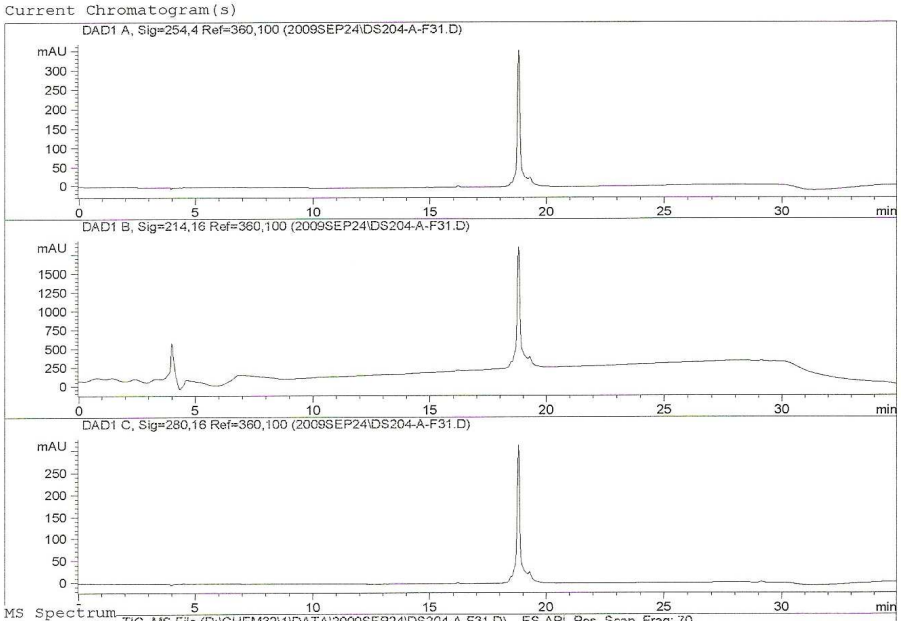


Instrument 1 12/16/2009 11:01:55 AM Page 1 of 1

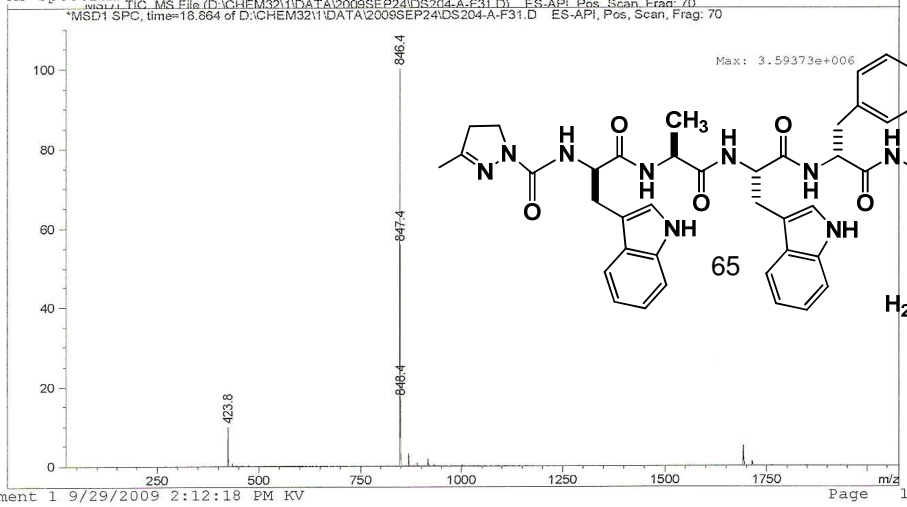

C:\DATA\ds204-a-crude_090918172017 0-80_MeOH
09/18/2009 05:20:17 PM
RT: 0.00 - 24.99
Relative Abundance
uAU
Time (min)
NL: 1.55E9 TIC MS ds204-a-crude_090918172017
NL: 2.48E5 Channel A UV ds204-a-crude_090918172017
NL: 3.01E8 m/z= 846.00-847.00 MS ds204-a-crude_090918172017
65
ds204-a-crude_090918172017#554-565 RT: 14.19-14.46 AV: 12 NL: 1.22E8 T: + c ESI Full ms [100.00-2000.00]
ds204-a-crude_090918172017#518 RT: 13.29 AV: 1 NL: 1.12E8 T: + c ESI Full ms [100.00-2000.00]
ds204-a-crude_090918172017#503 RT: 12.92 AV: 1 NL: 7.04E7 T: + c ESI Full ms [100.00-2000.00]
ds204-a-crude_090918172017#494 RT: 12.70 AV: 1 NL: 6.95E7 T: + c ESI Full ms [100.00-2000.00]
m/z

Print of all graphic windows

Current Chromatogram(s)



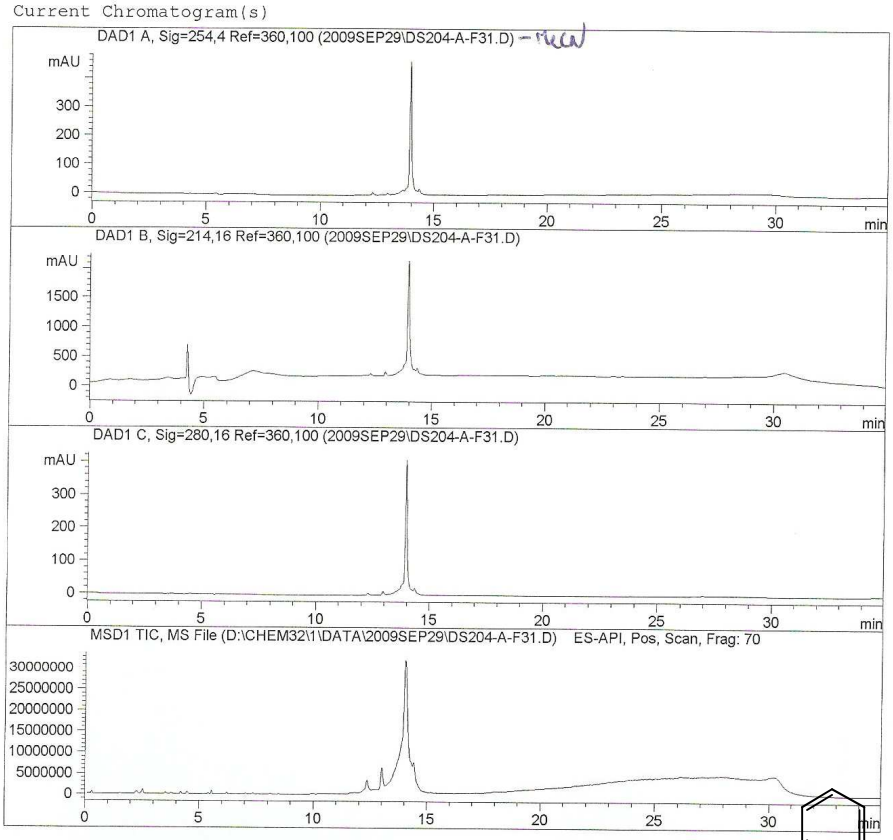
MS Spectrum



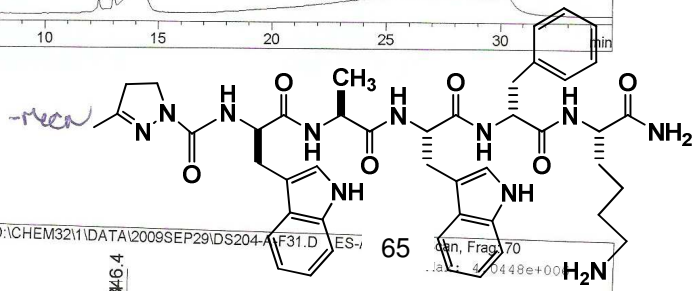
65

Print of all graphic windows

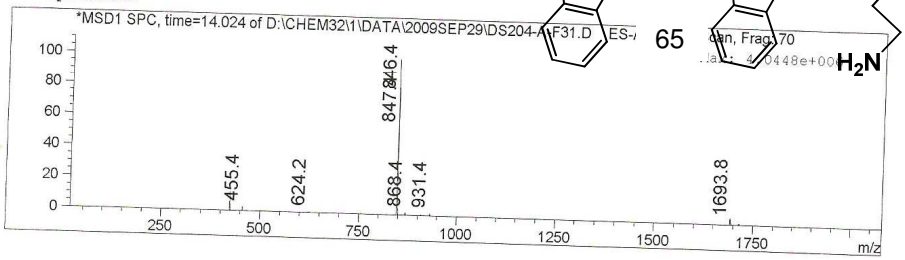
Current Chromatogram(s)

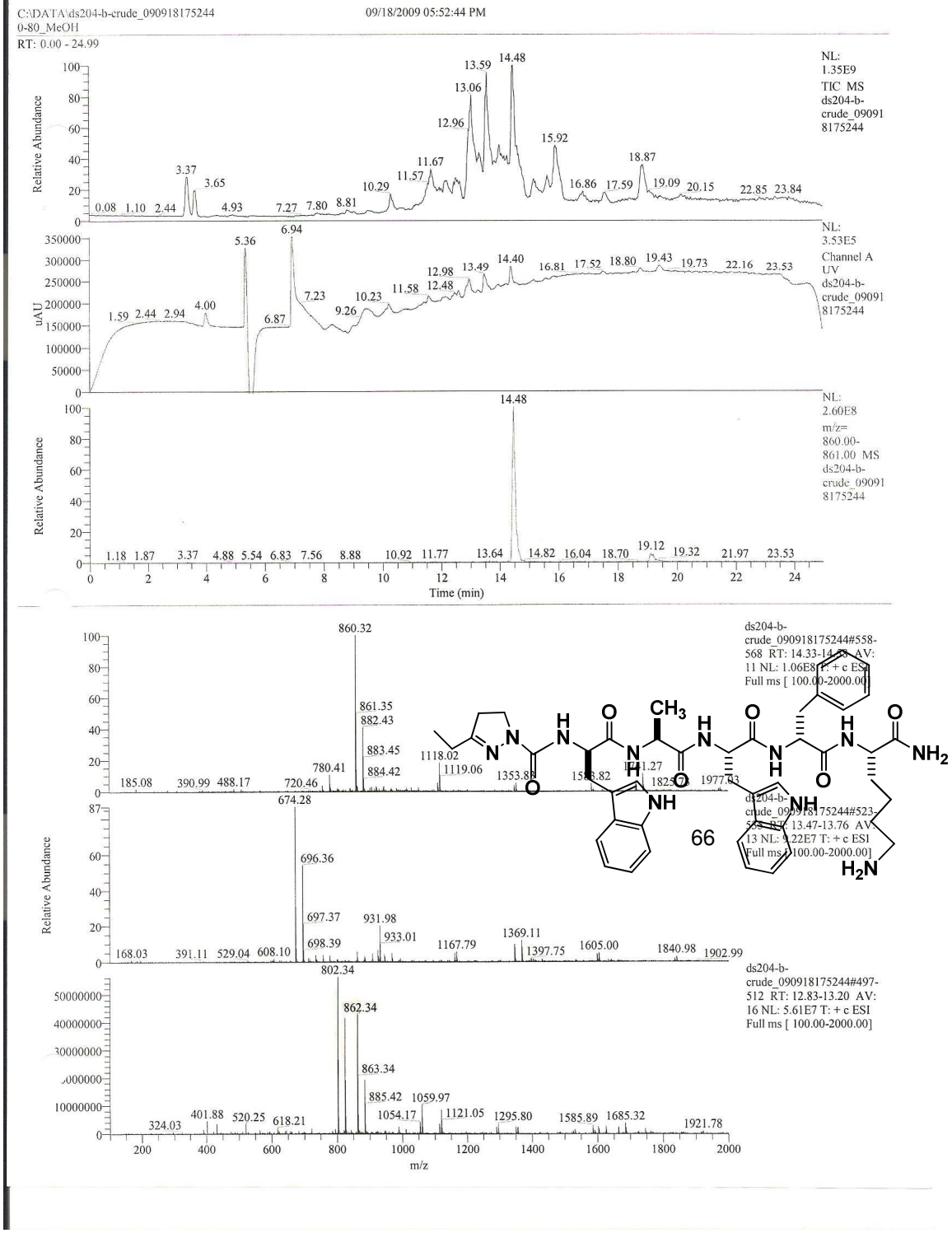


Print of all graphic windows



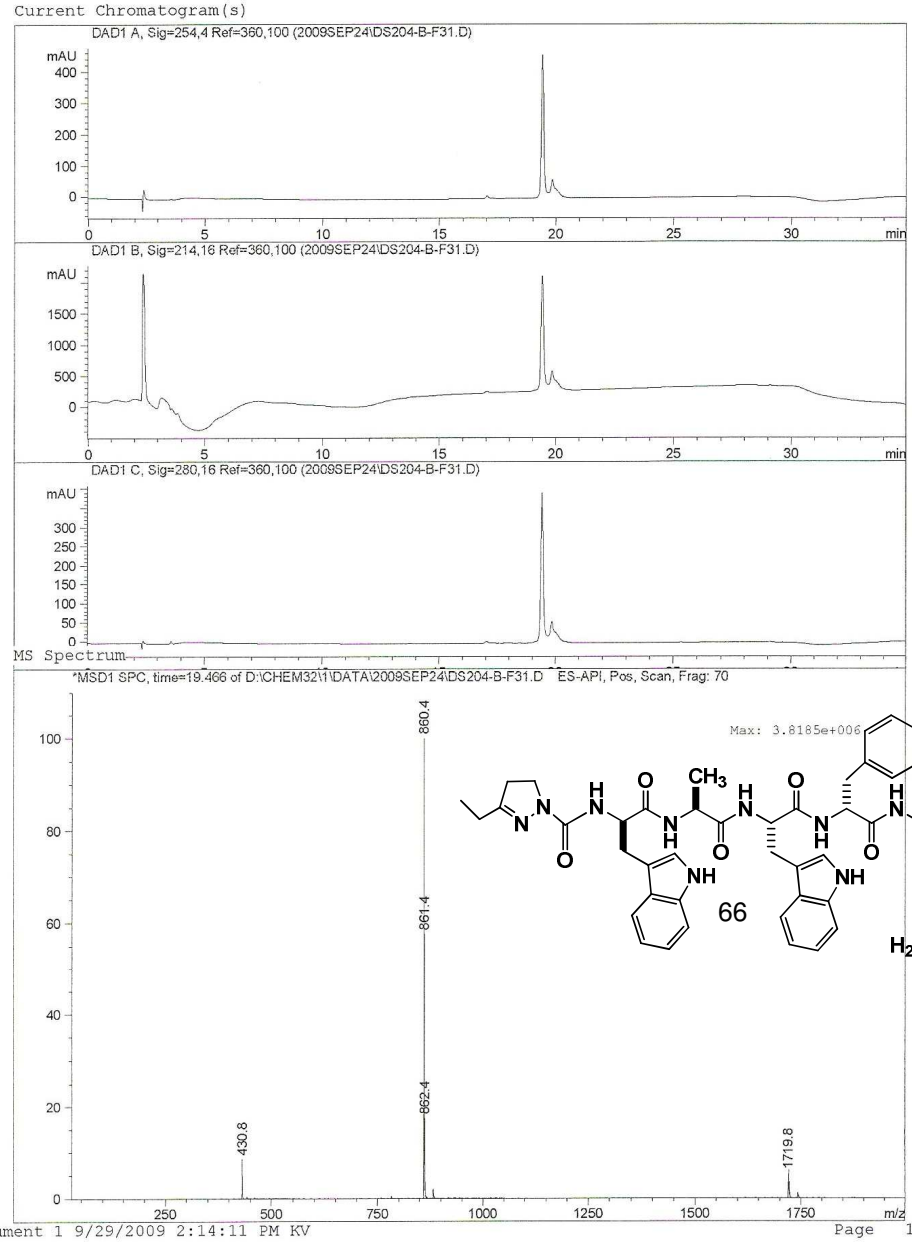
MS Spectrum




C:\DATA\ds204-b-crude_090918175244
0-80_MeOH
09/18/2009 05:52:44 PM
RT: 0.00 - 24.99
NL: 1.35E9 TIC MS ds204-b-crude_090918175244
NL: 3.53E5 Channel A UV ds204-b-crude_090918175244
NL: 2.60E8 m/z= 860.00-861.00 MS ds204-b-crude_090918175244
Relative Abundance
uAU
Time (min)
ds204-b-crude_090918175244#558-568 RT: 14.33-14.58 AV: 11 NL: 1.06E8 T: + c ESI Full ms [100.00-2000.00]
ds204-b-crude_090918175244#523-533 RT: 13.47-13.76 AV: 13 NL: 9.22E7 T: + c ESI Full ms [100.00-2000.00]
ds204-b-crude_090918175244#497-512 RT: 12.83-13.20 AV: 16 NL: 5.61E7 T: + c ESI Full ms [100.00-2000.00]
66
m/z

Print of all graphic windows

Current Chromatogram(s)



MS Spectrum

Instrument 1 9/29/2009 2:14:11 PM KV

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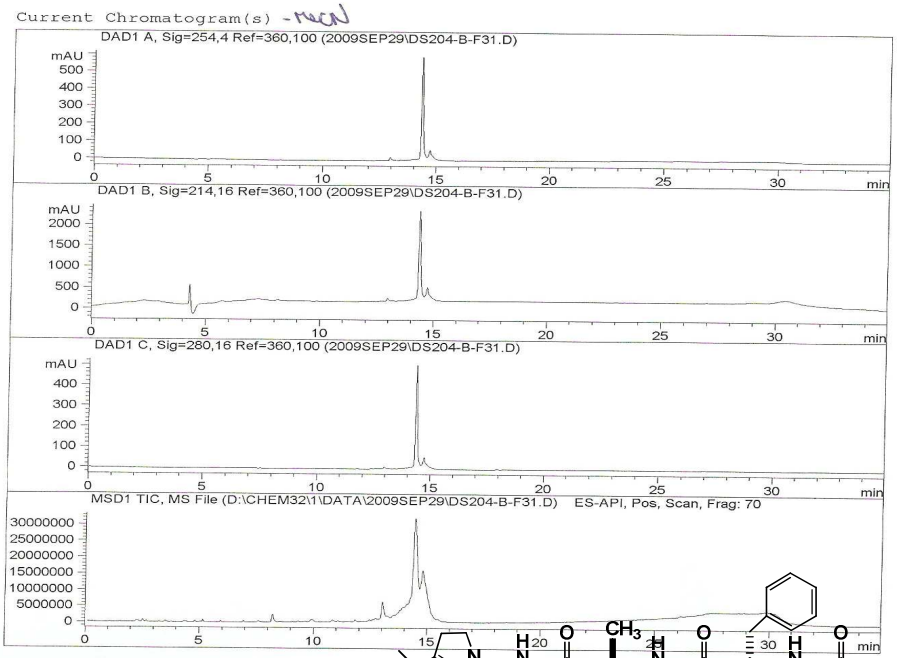
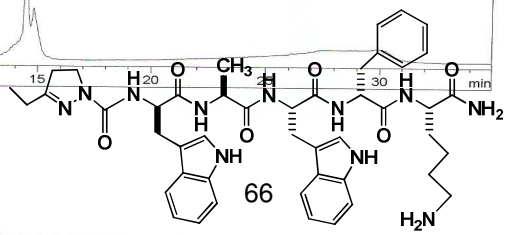
Print of all graphic windows

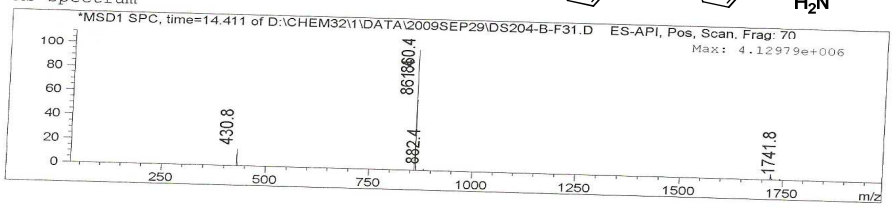
Current Chromatogram(s) - MeCN

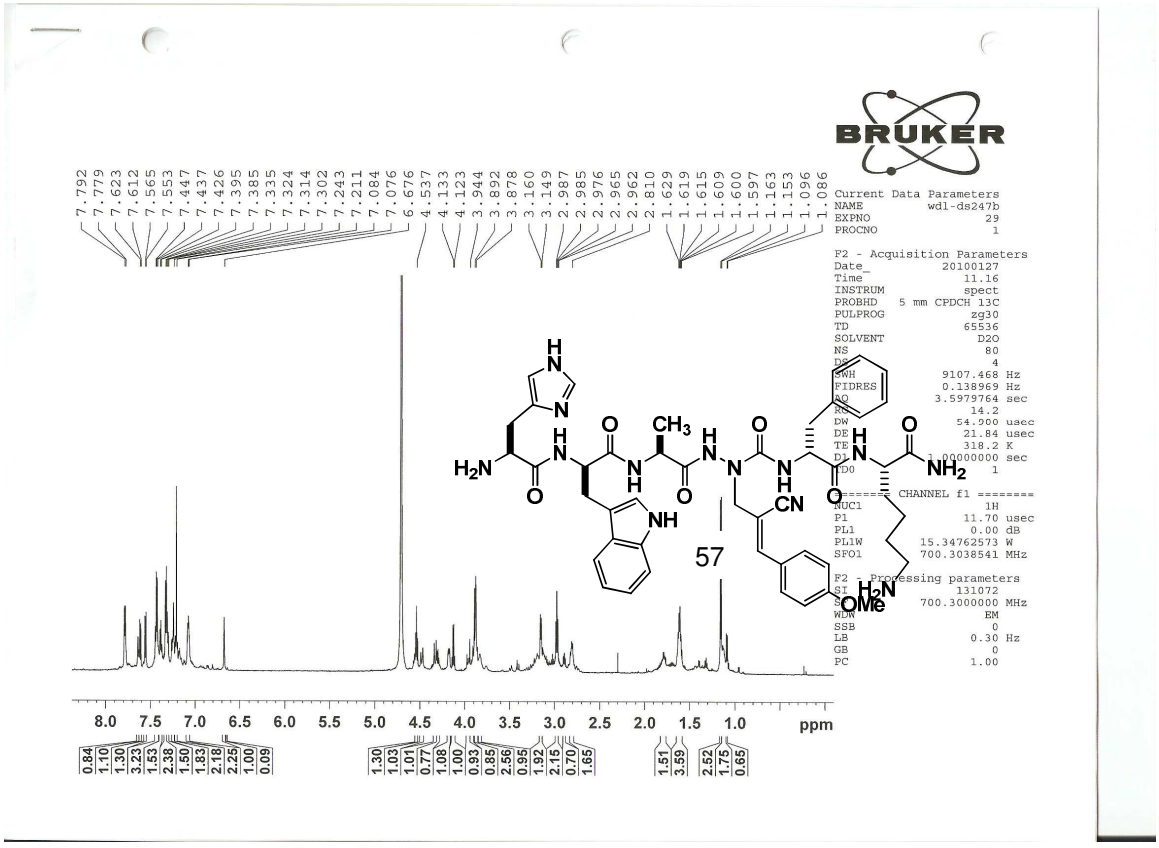


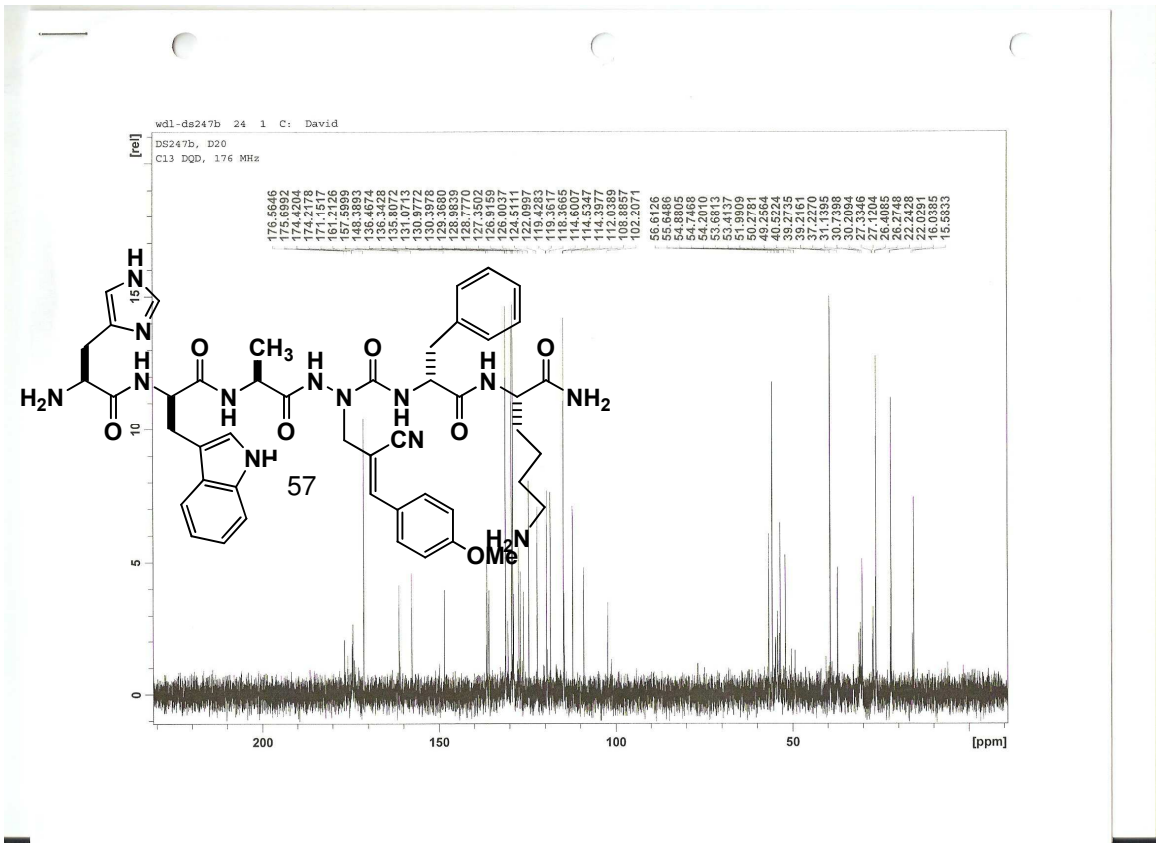


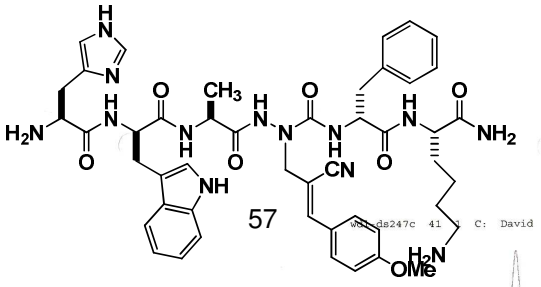
Print of all graphic windows

MS Spectrum

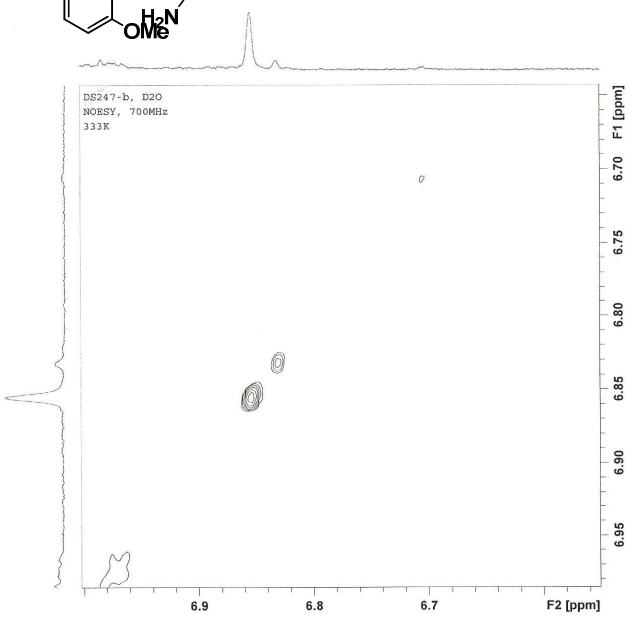


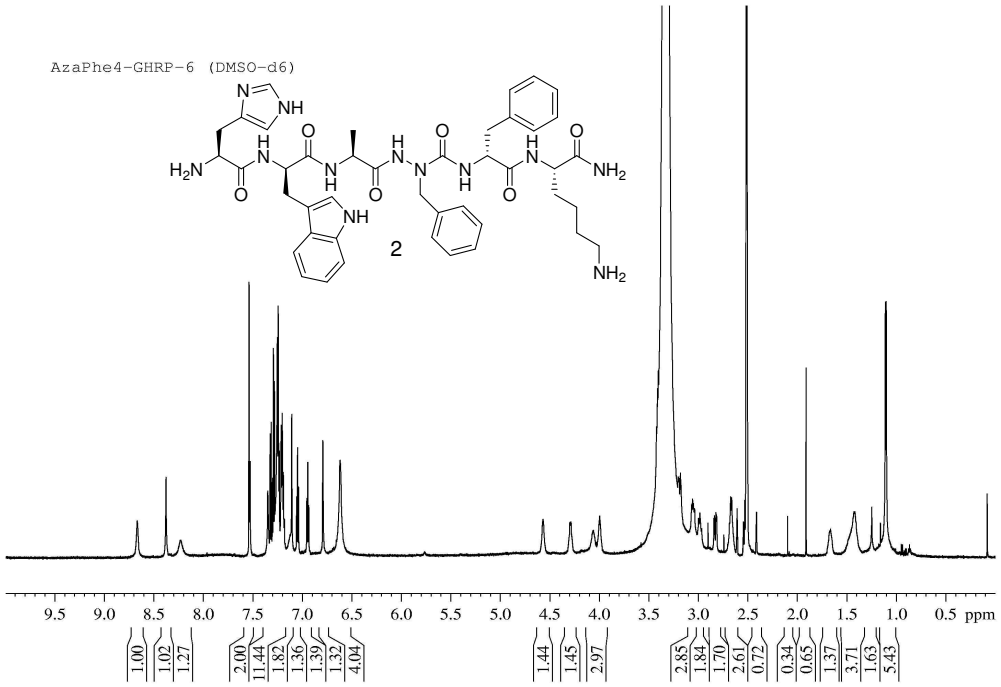

7.792 7.779 7.623 7.612 7.565 7.553 7.447 7.437 7.426 7.395 7.385 7.335 7.324 7.314 7.302 7.243 7.211 7.084 7.076 6.676 4.537 4.133 4.123 3.944 3.892 3.878 3.160 3.149 2.987 2.985 2.976 2.965 2.962 2.810 1.629 1.619 1.615 1.609 1.600 1.597 1.163 1.153 1.096 1.086
BRUKER
Current Data Parameters
NAME wdl-ds247b
EXPNO 29
PROCNO 1
F2 - Acquisition Parameters
Date_ 20100127
Time 11.16
INSTRUM spect
PROBHD 5 mm CPDCH 13C
PULPROG zg30
TD 65536
SOLVENT D2O
NS 80
DS 4
SWH 9107.468 Hz
FIDRES 0.138969 Hz
AQ 3.5979764 sec
RG 14.2
DW 54.900 usec
DE 21.84 usec
TE 318.2 K
D1 1.00000000 sec
D0 1
======== CHANNEL f1 ========
NUC1 1H
P1 11.70 usec
PL1 0.00 dB
PL1W 15.34762573 W
SFO1 700.3038541 MHz
F2 - Processing parameters
SI 131072
SF 700.3000000 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
57
8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 ppm
0.84 1.10 1.30 3.23 1.53 2.38 1.50 1.83 2.18 2.25 1.00 0.09
1.30 1.03 1.01 0.77 1.08 1.00 0.93 0.85 2.56 0.95 1.92 2.15 0.70 1.65
1.51 3.59
2.52 1.75 0.65

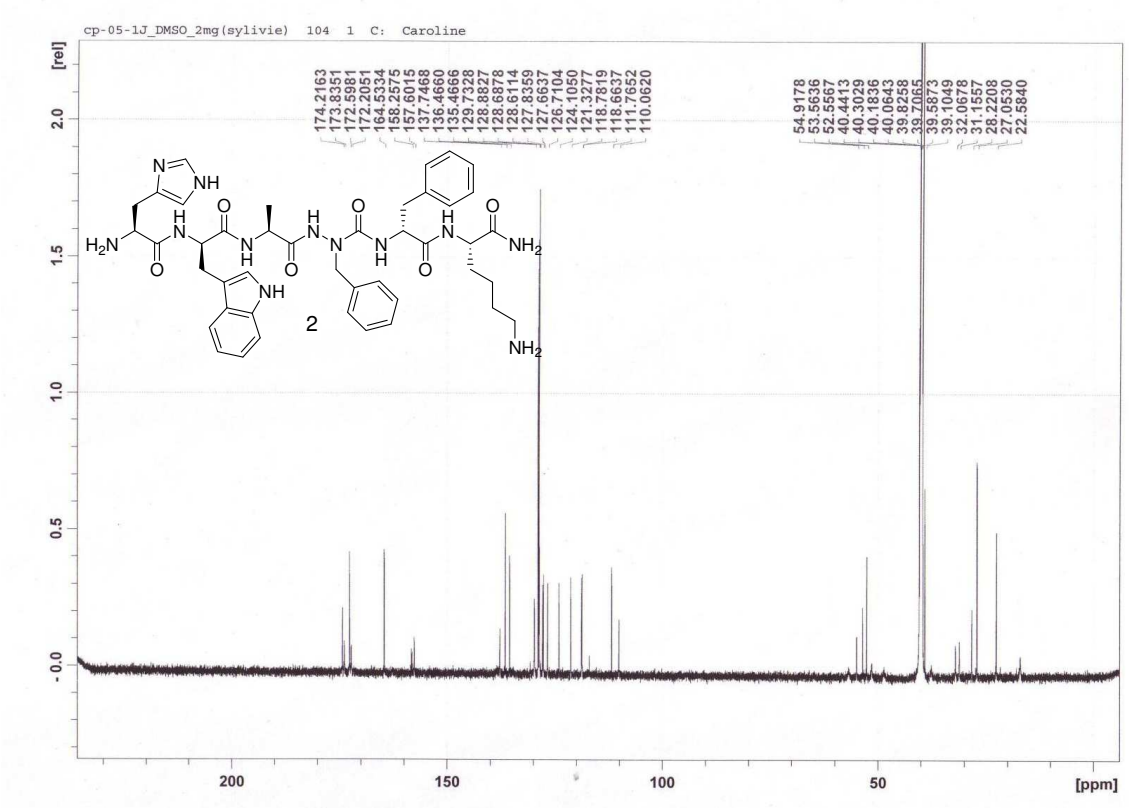

wdl-ds247b 24 1 C: David
DS247b, D20
C13 DQD, 176 MHz
[rel]
[ppm]
200
150
100
50
0
5
10
15
57

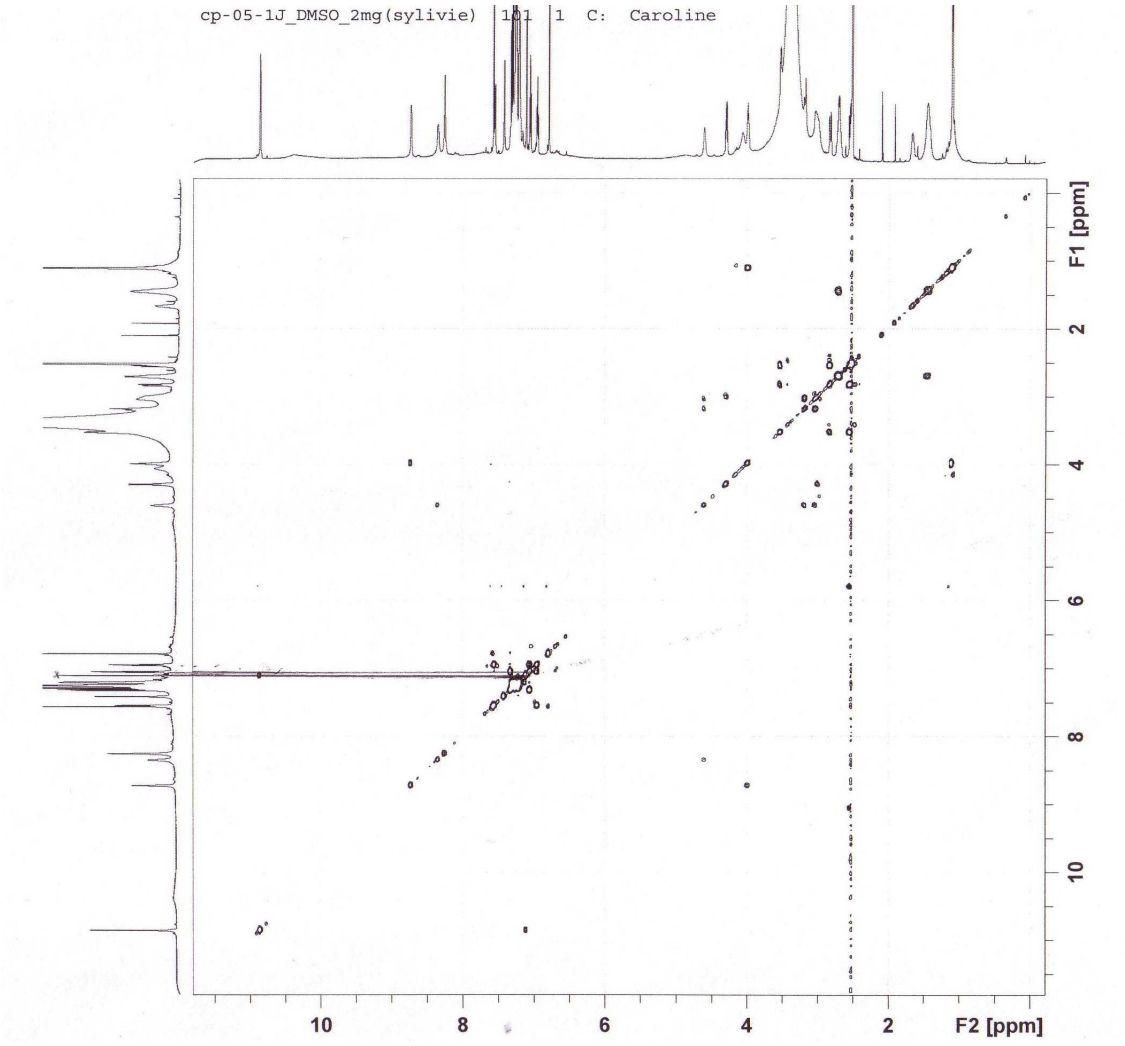


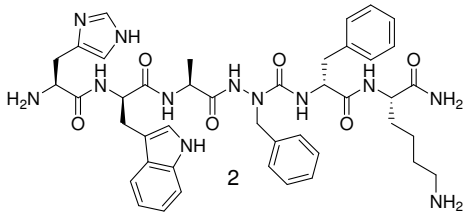
57


DS247-b, D2O
NOESY, 700MHz
333K
F1 [ppm]
6.70
6.75
6.80
6.85
6.90
6.95
6.9
6.8
6.7
F2 [ppm]

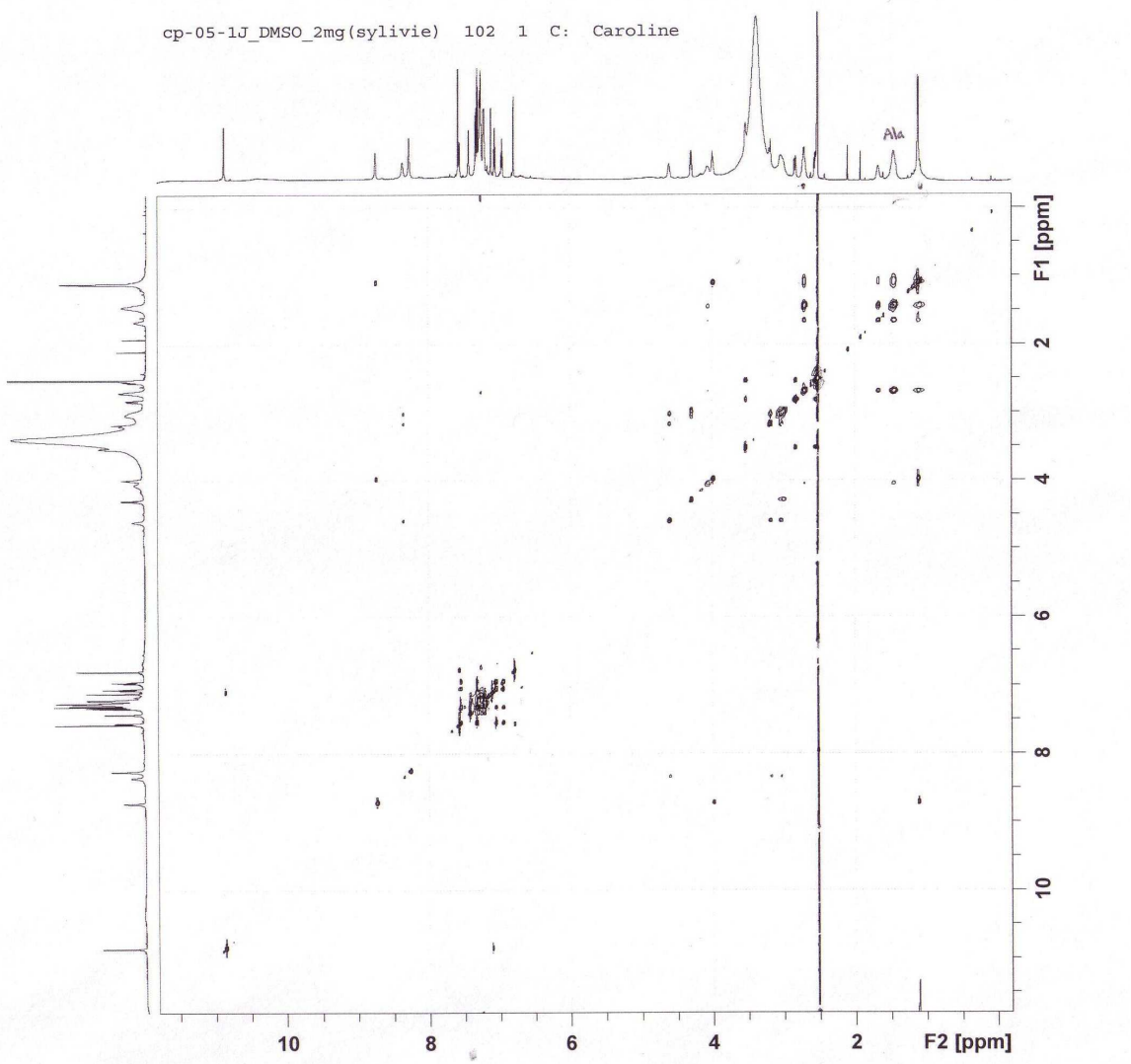

AzaPhe4-GHRP-6 (DMSO-d6)
2
9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppm
1.00 1.02 1.27 2.00 11.44 1.82 1.36 1.39 1.32 4.04 1.44 1.45 2.97 2.85 1.84 1.70 2.61 0.72 0.34 0.65 1.37 3.71 1.63 5.43


cp-05-1J_DMSO_2mg(sylivie) 104 1 C: Caroline
[rel]
2.0
1.5
1.0
0.5
-0.0
174.2163
173.8351
172.5981
172.2051
164.5334
158.2575
157.6015
137.7468
136.4660
135.4666
129.7328
128.8827
128.6878
128.6114
127.8359
127.6637
126.7104
124.1050
121.3277
118.7819
118.6637
111.7652
110.0620
54.9178
53.5636
52.5567
40.4413
40.3029
40.1836
40.0643
39.8258
39.7065
39.5873
39.1049
32.0678
31.1557
28.2208
27.0530
22.5840
2
200
150
100
50
[ppm]

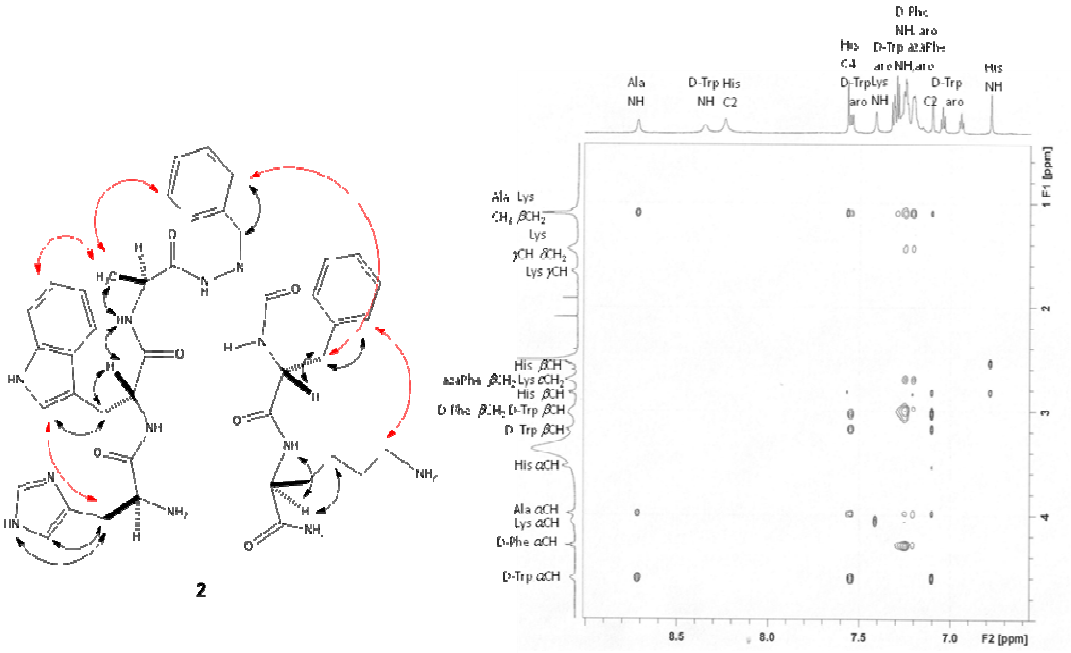




2

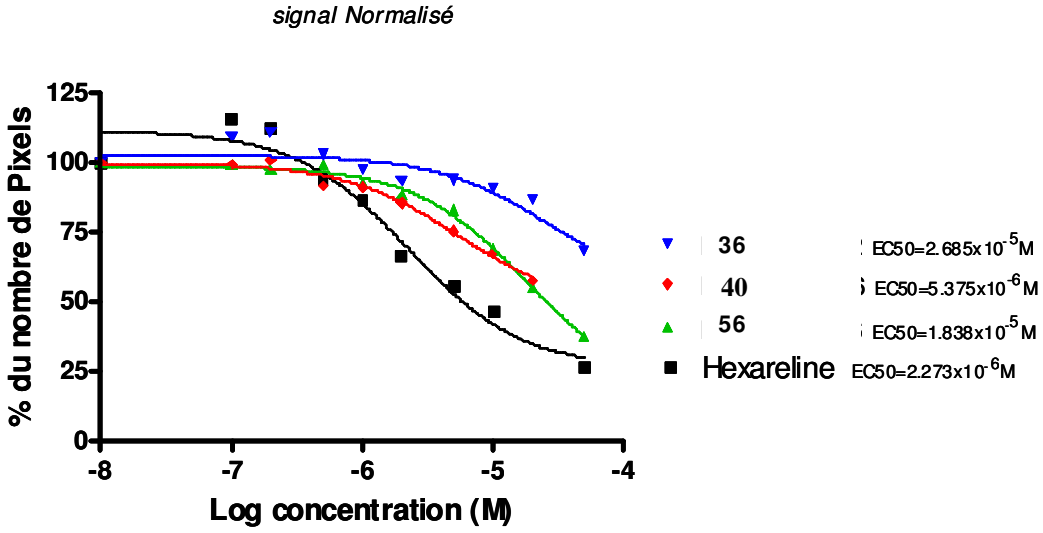

cp-05-1J_DMSO_2mg(sylivie) 102 1 C: Caroline
Ala
F1 [ppm]
F2 [ppm]
10
8
6
4
2

2

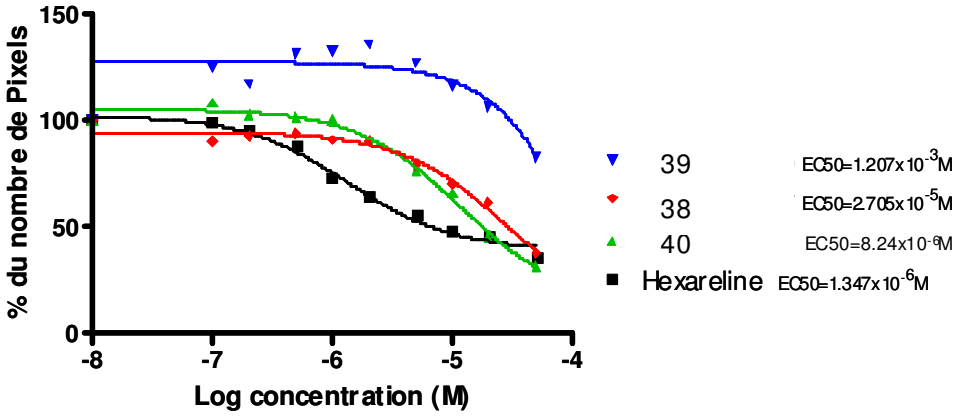


Long range correlations (red double headed arrows) and short range correlations (black double headed arrows) of [aza-Phe^4]GHRP-6 (**2**) observed in the ROESY spectrum with 700 ms mixing time, in DMSO-d_6 at 298 K.

Competition binding curves between Azapeptides and Hexarelin vs ^{125}I-Tyr-Bpa-Ala-Hexarelin for the CD36 receptor

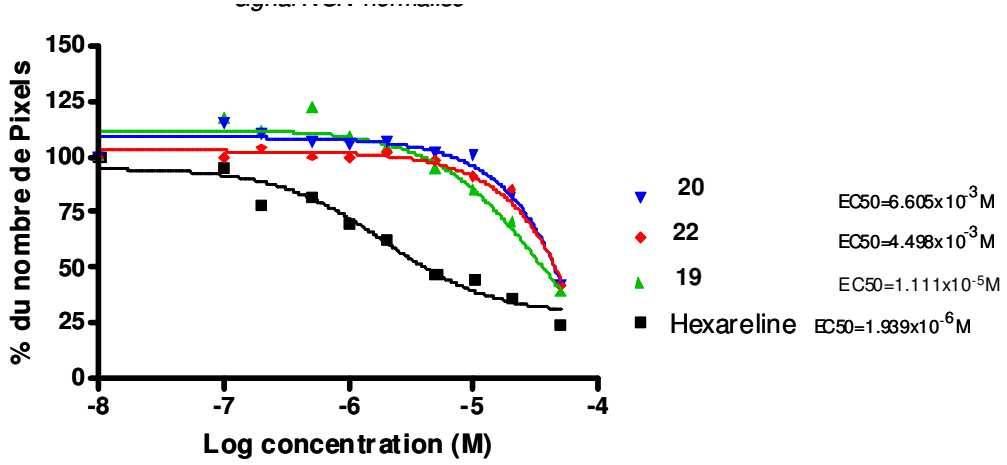


Competition binding curves between Azapeptides and Hexarelin vs ^{125}I-Tyr-Bpa-Ala-Hexarelin for the CD36 receptor



CD36 receptor binding assay - photolabelling

Competition binding curves between Azapeptides and Hexarelin vs ^{125}I-Tyr-Bpa-Ala-Hexarelin for the CD36 receptor



Competition binding curves between Azapeptides and Hexarelin vs ^{125}I-Tyr-Bpa-Ala-Hexarelin for the CD36 receptor