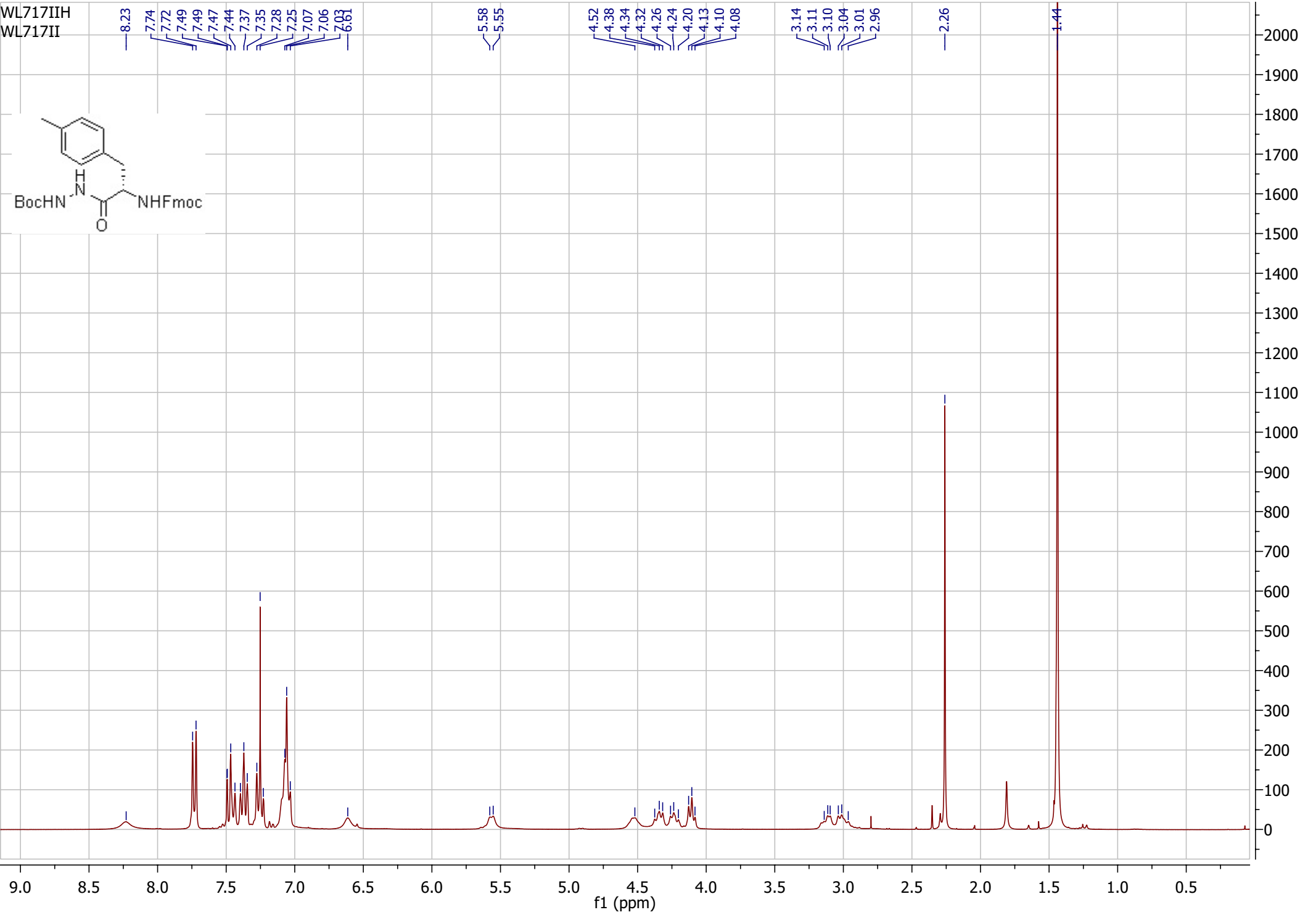
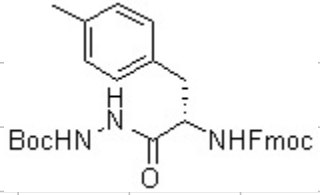
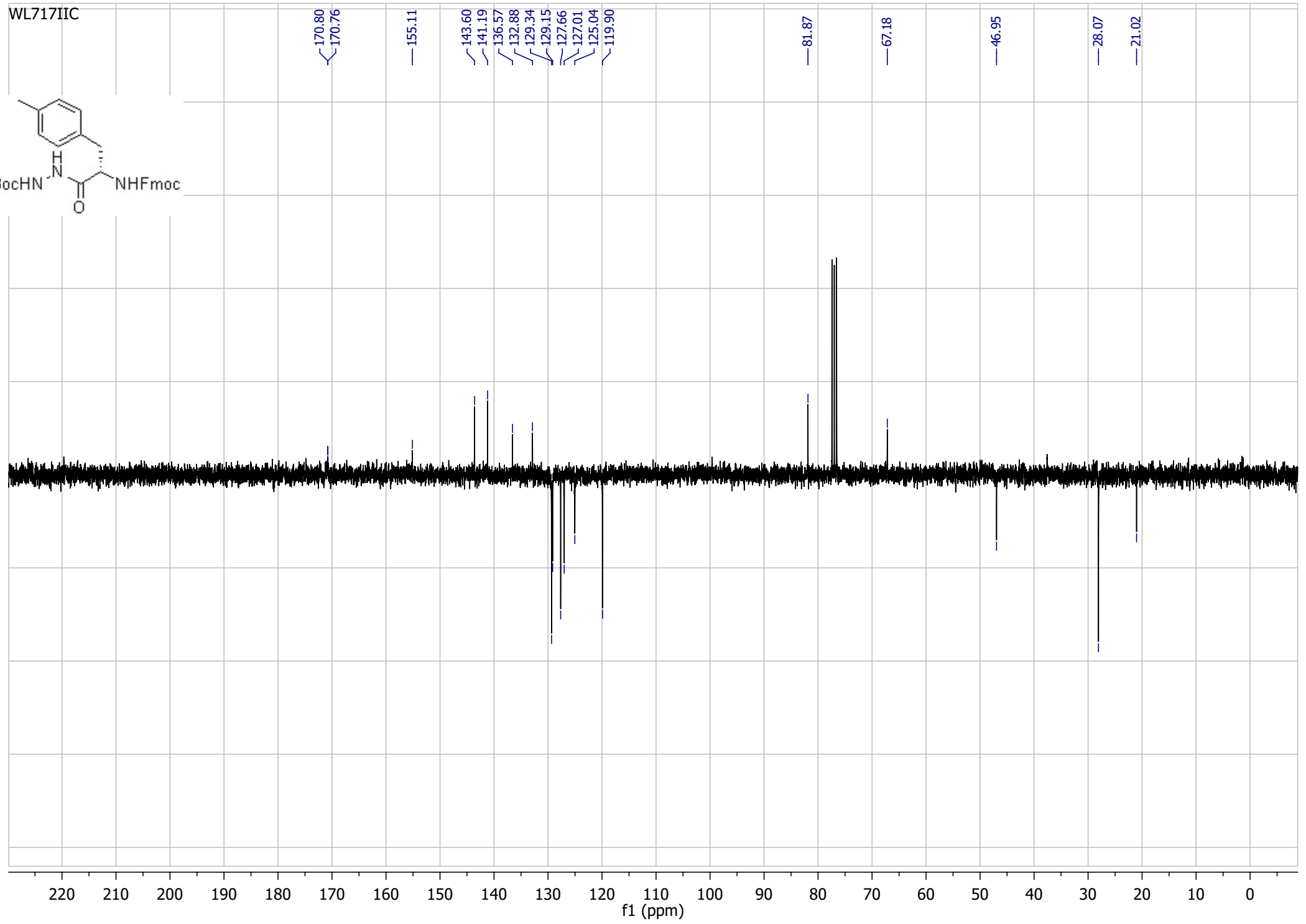
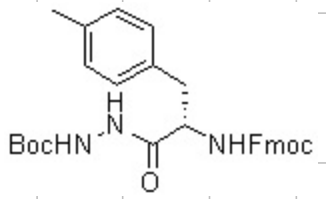


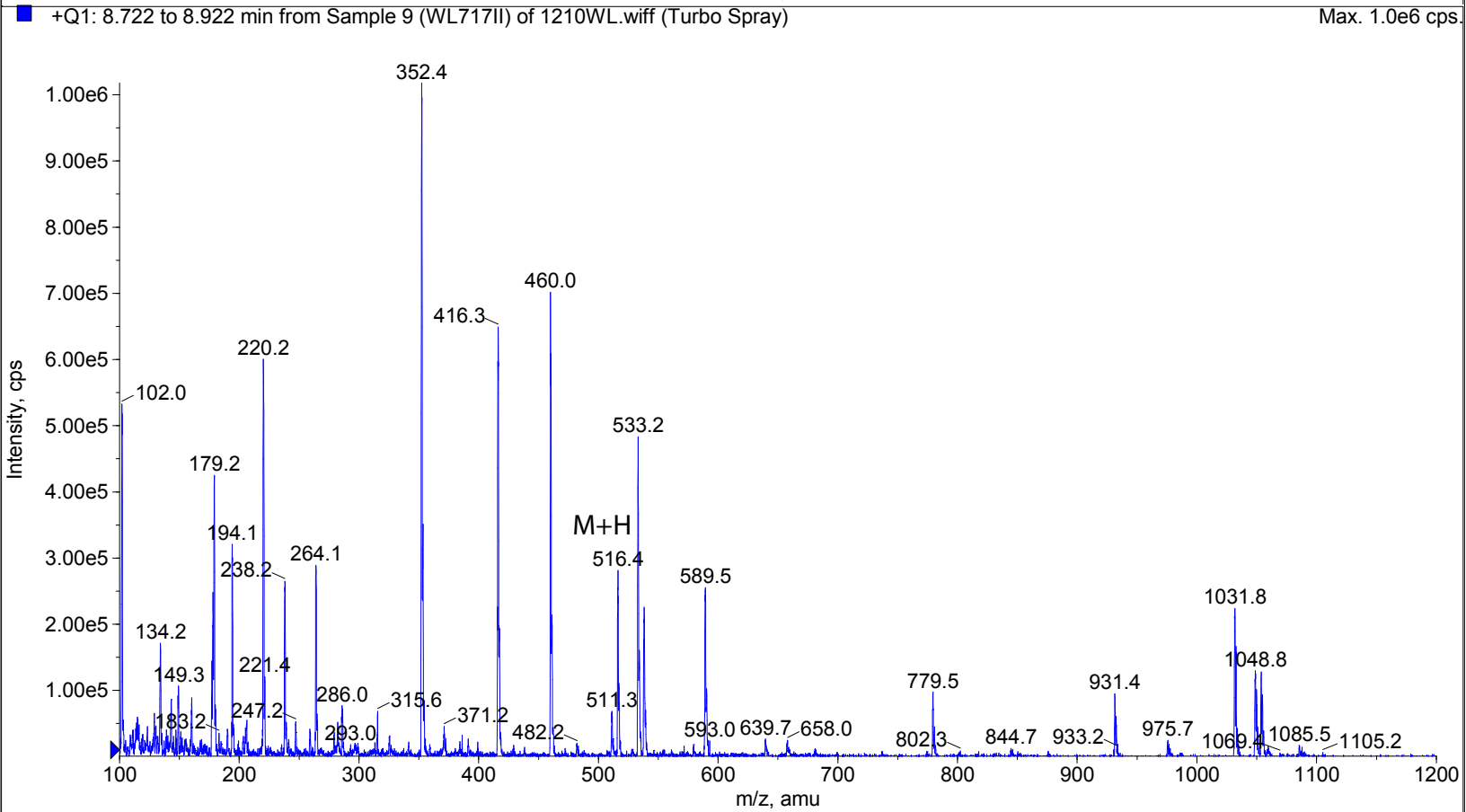
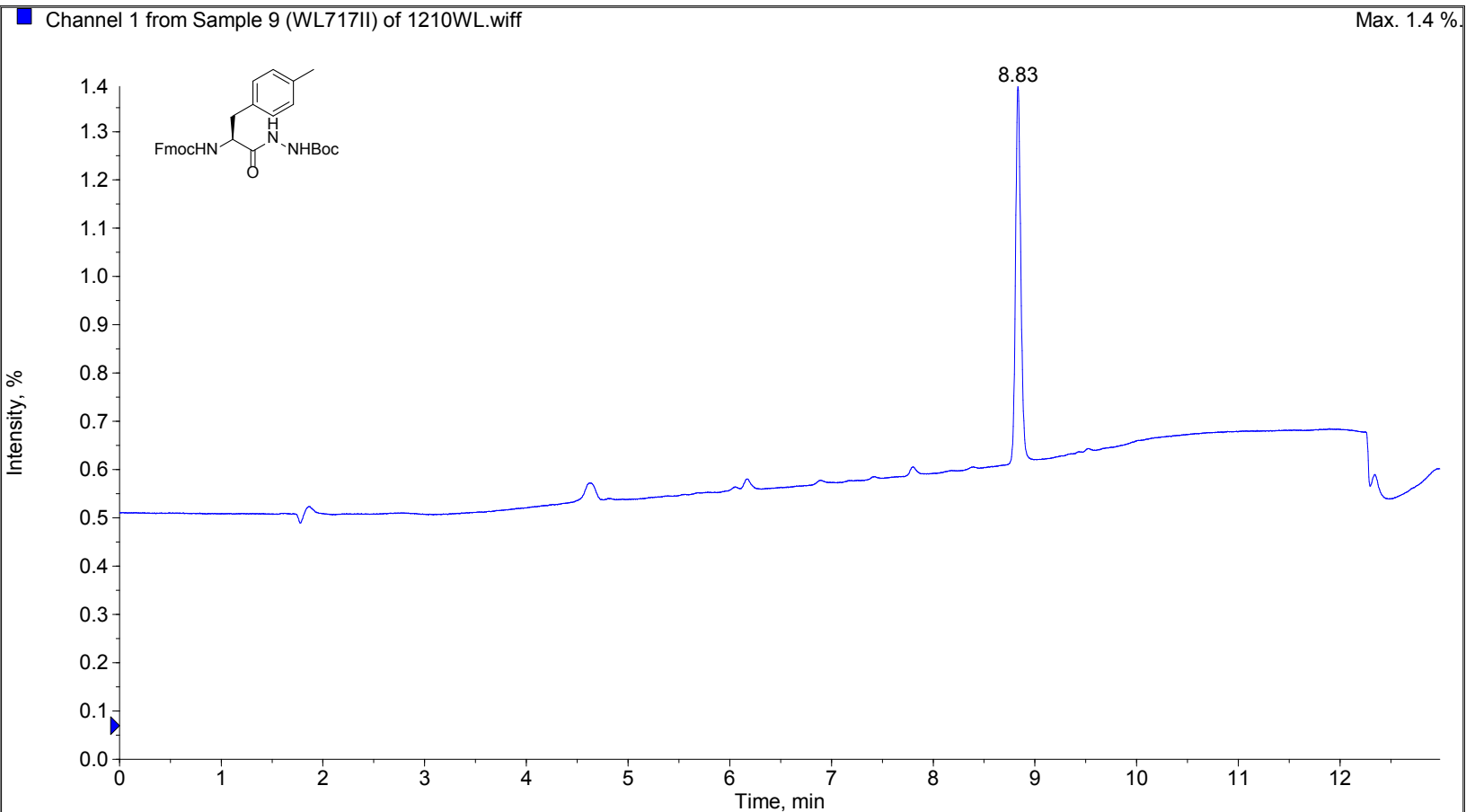
WL717IIH
WL717II

8.23 7.74 7.72 7.49 7.49 7.47 7.44 7.37 7.35 7.28 7.25 7.07 7.06 7.01 6.61 5.58 5.55 4.52 4.38 4.34 4.32 4.26 4.24 4.20 4.13 4.10 4.08 3.14 3.11 3.10 3.04 3.01 2.96 2.26 1.44

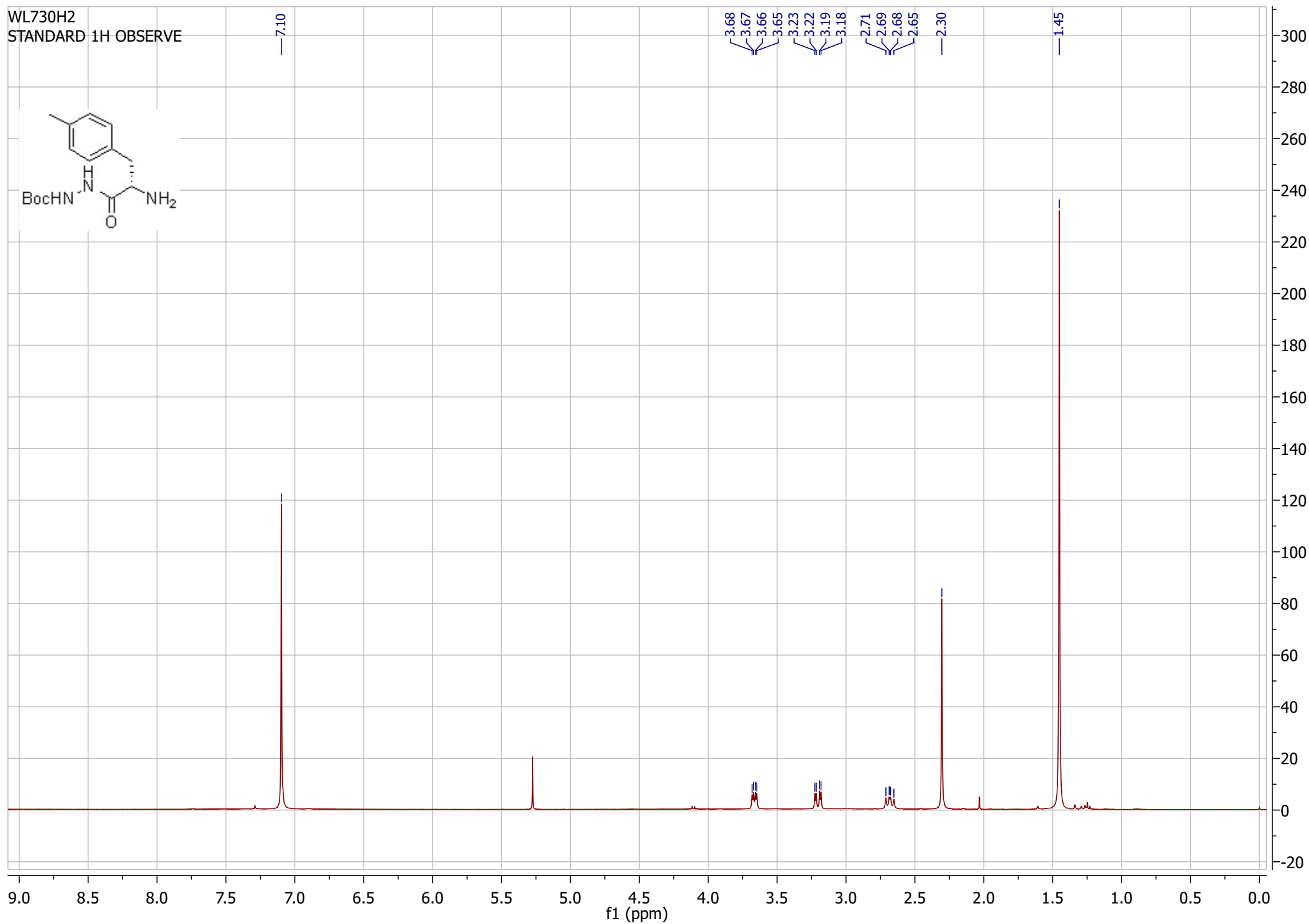
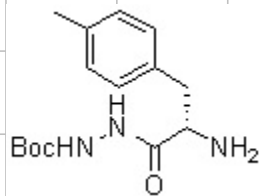


WL717IIC

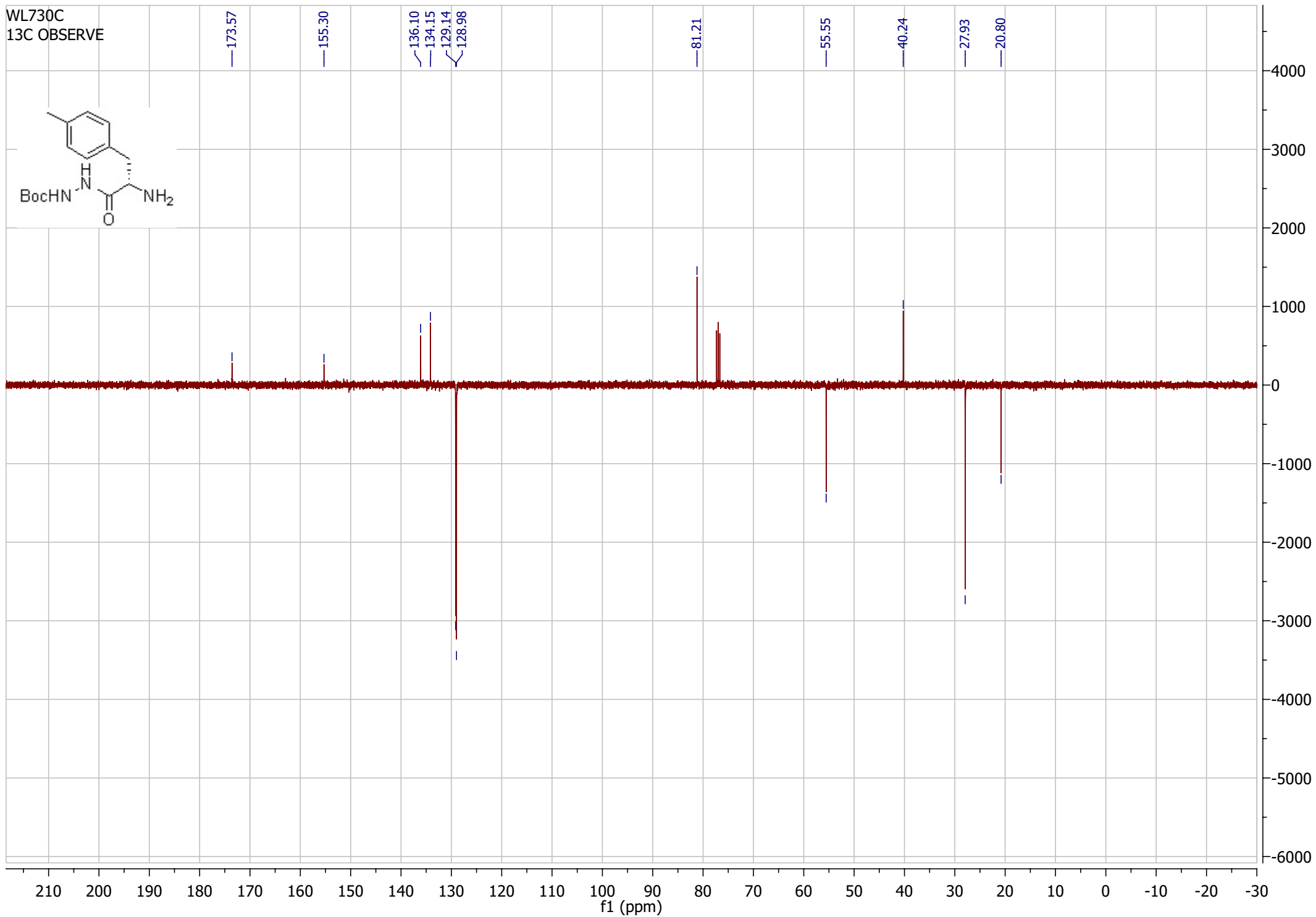
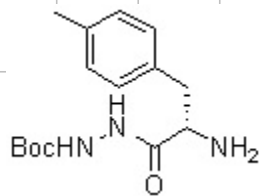


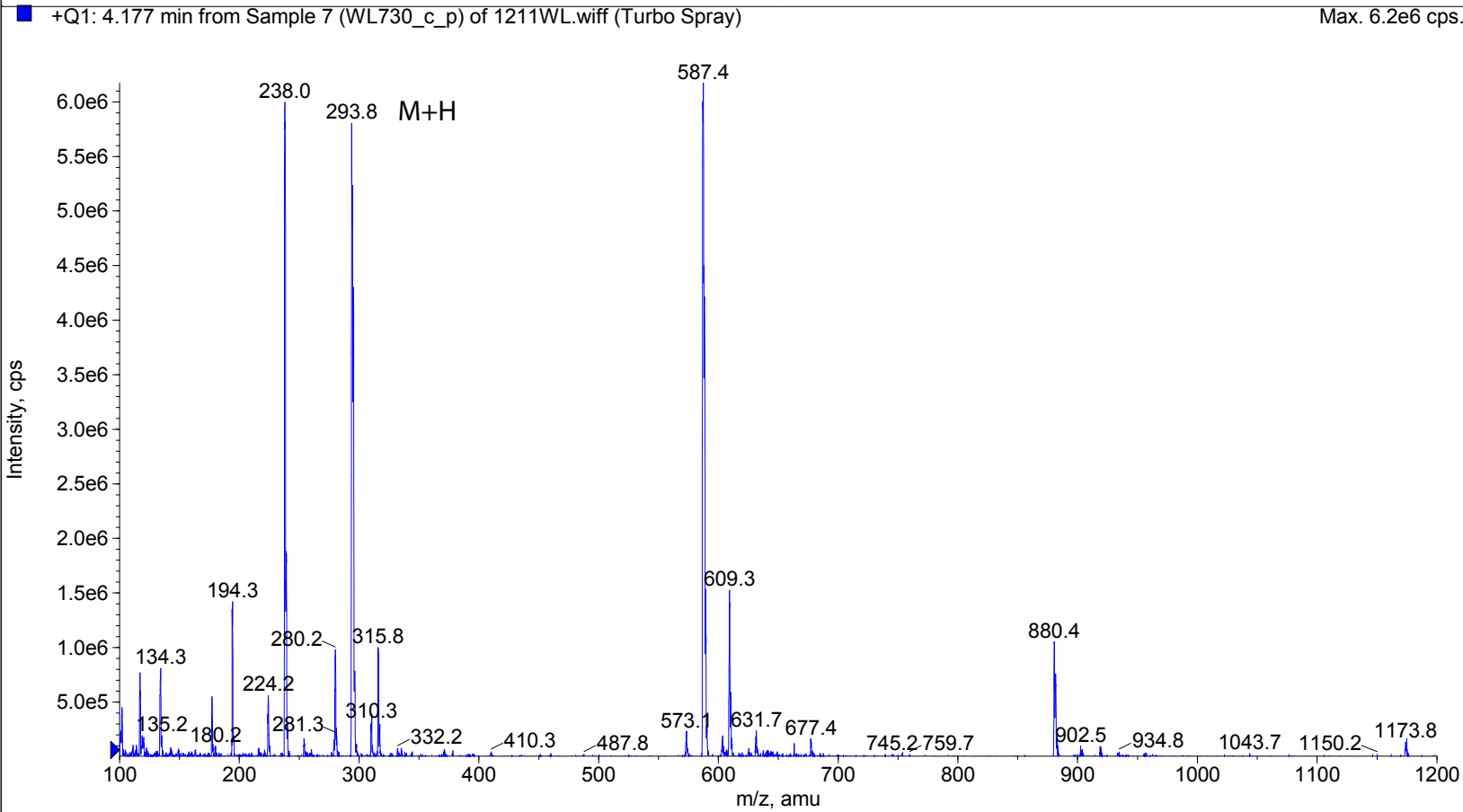
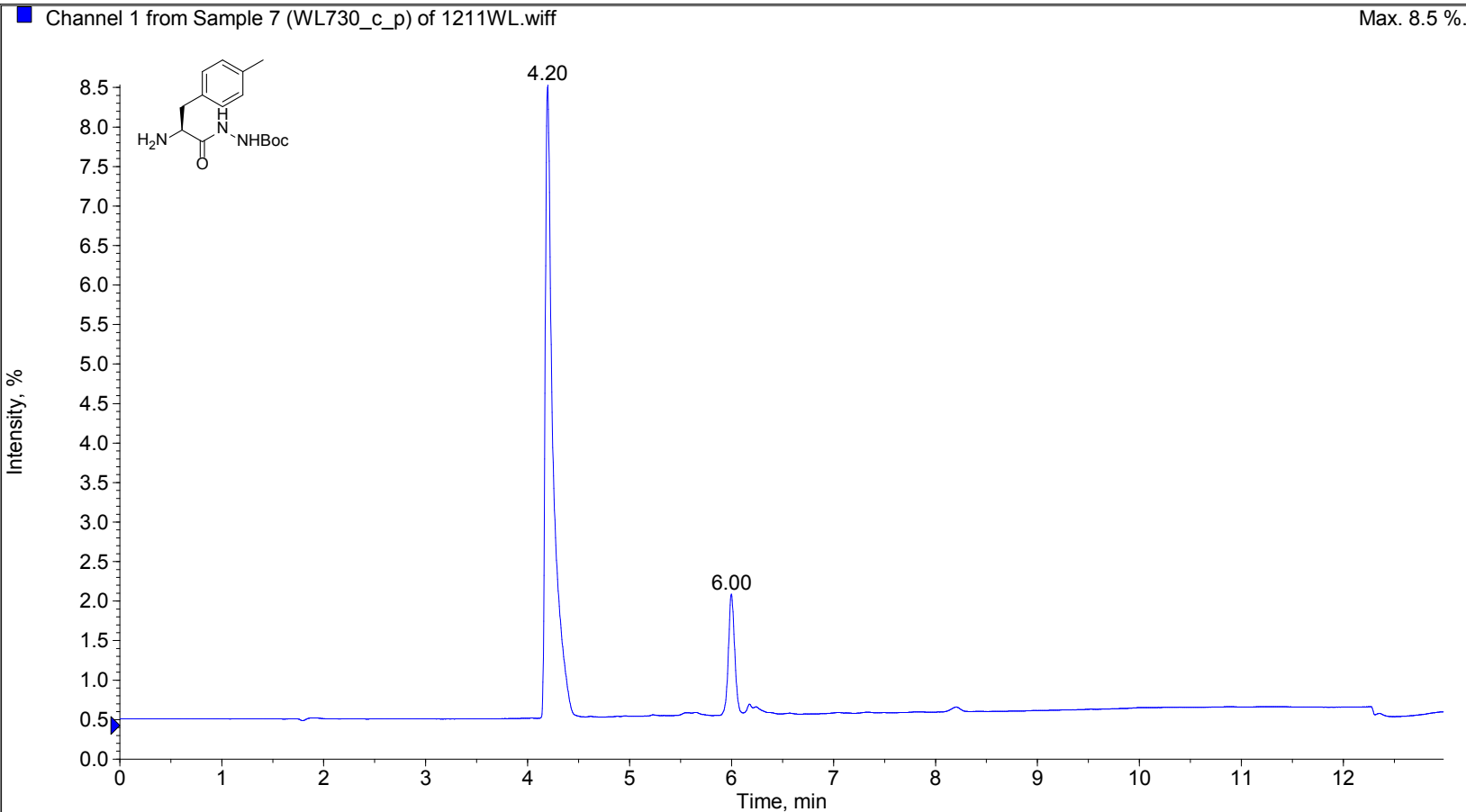


WL730H2
STANDARD 1H OBSERVE



WL730C
13C OBSERVE





W5734I1H
STANDARD 1H OBSERVE

7.16
7.14
7.09
7.07
7.06
7.04

4.83

4.24
4.23
4.22
4.22
4.21
4.20
4.20

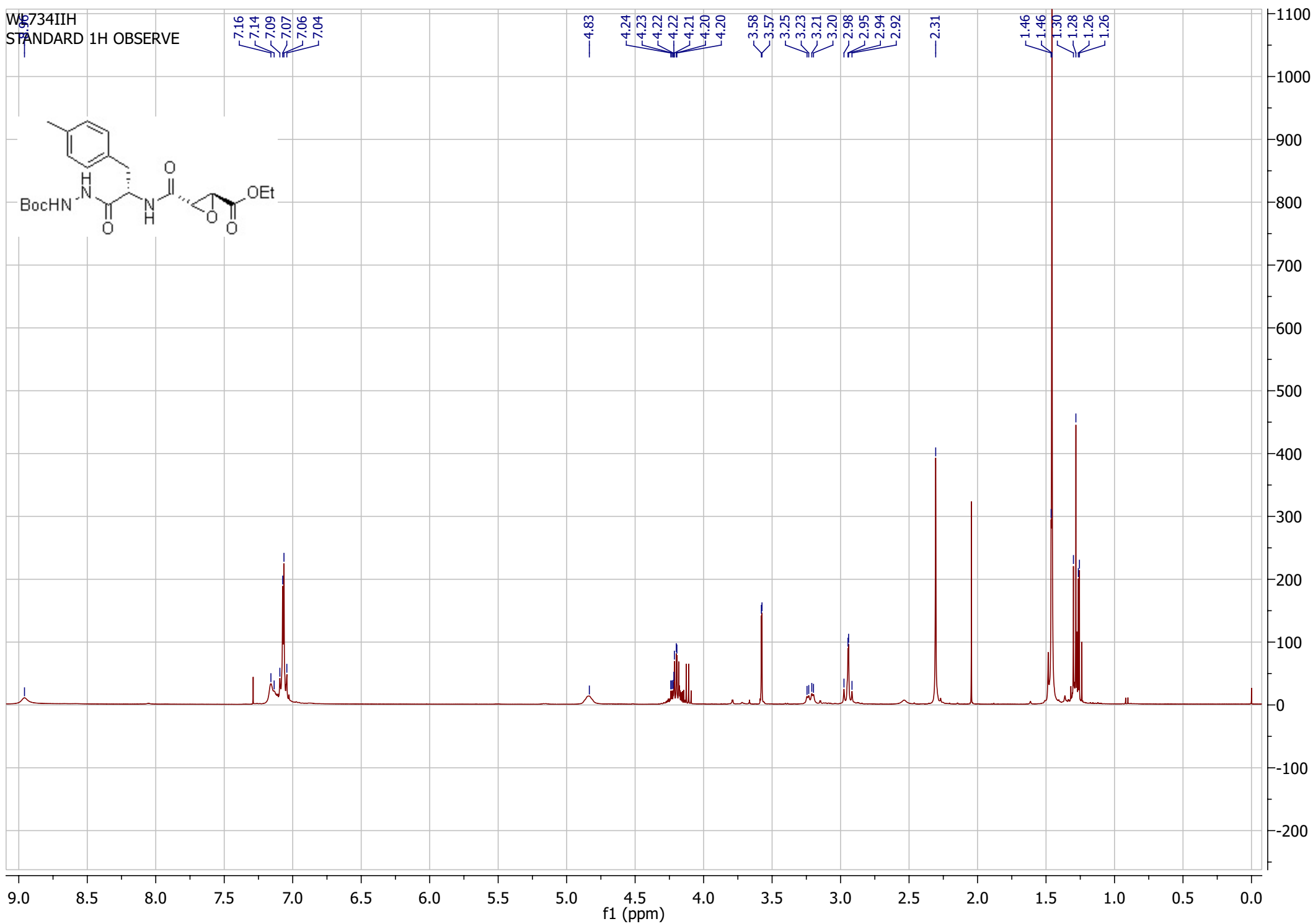
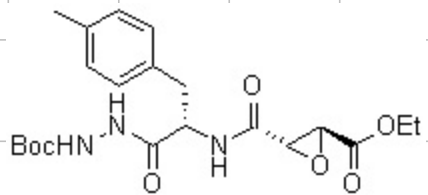
3.58
3.57

3.25
3.23
3.21
3.20

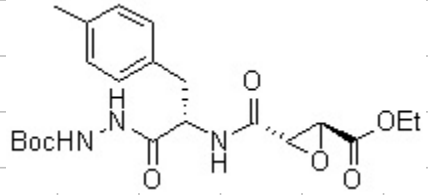
2.98
2.95
2.94
2.92

2.31

1.46
1.46
1.30
1.28
1.26
1.26



WL734IIC
13C OBSERVE



170.33
166.53
166.49

155.38

136.53
132.78
129.16
129.03

81.69

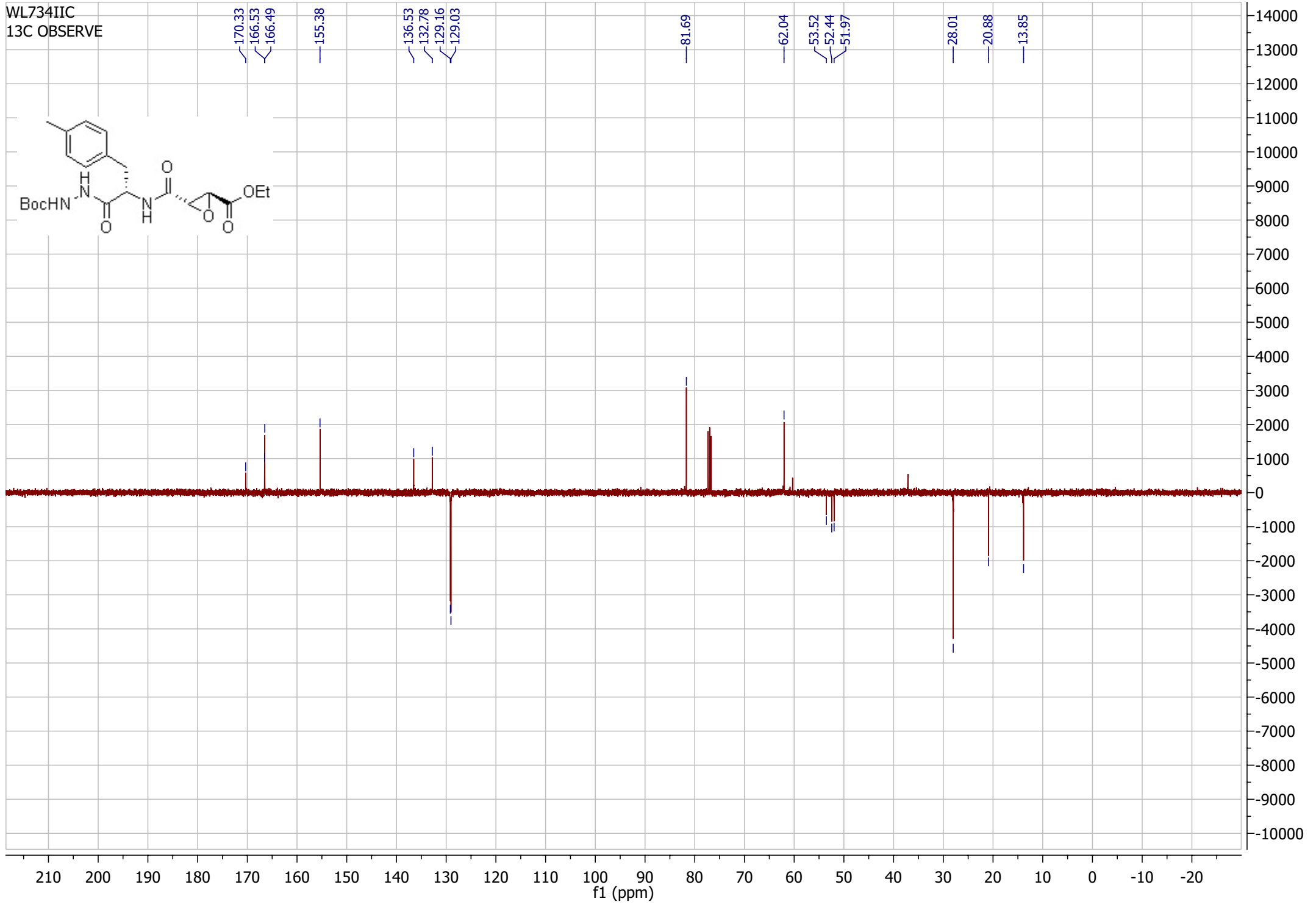
62.04

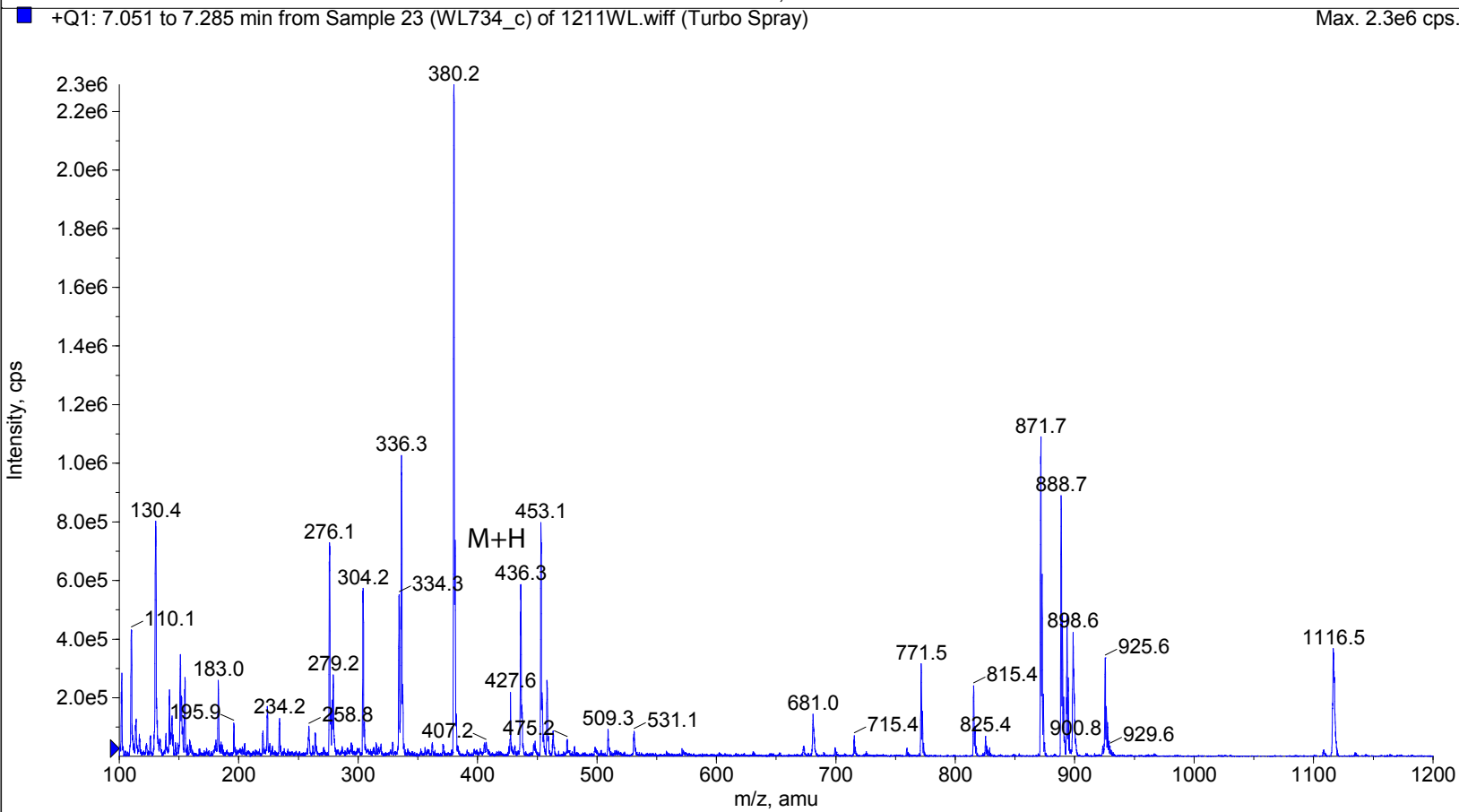
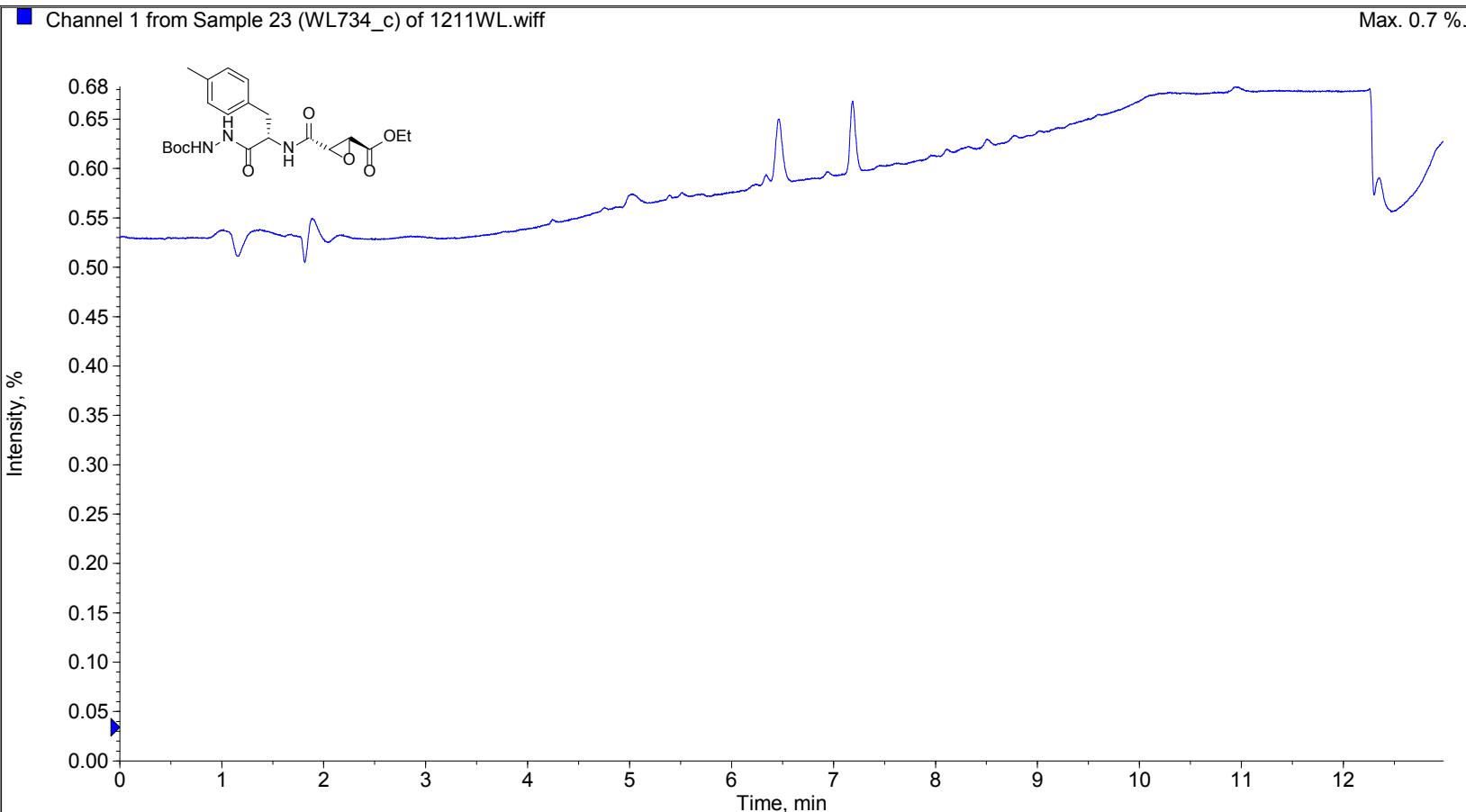
53.52
52.44
51.97

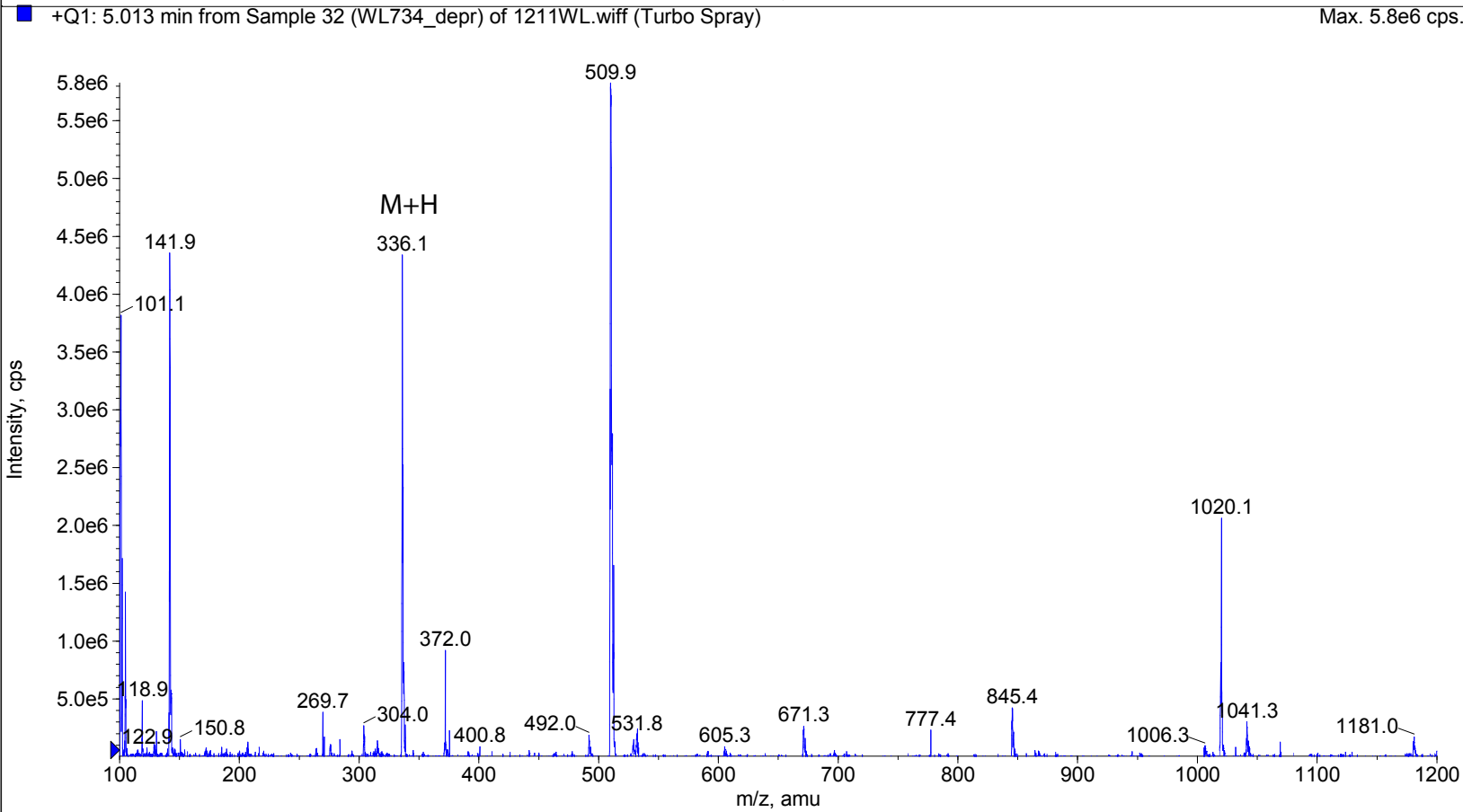
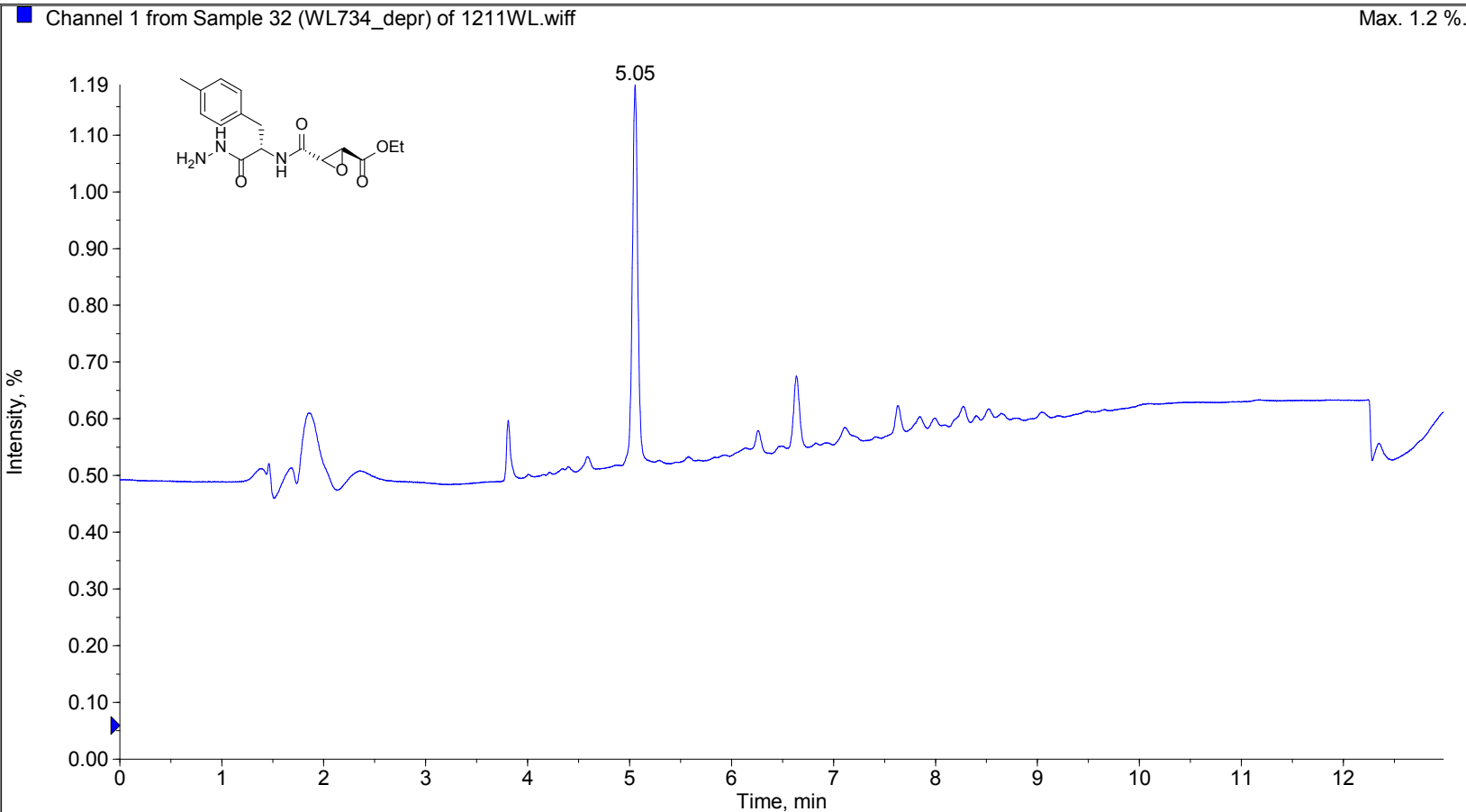
28.01

20.88

13.85

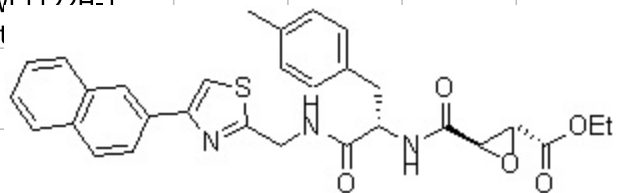




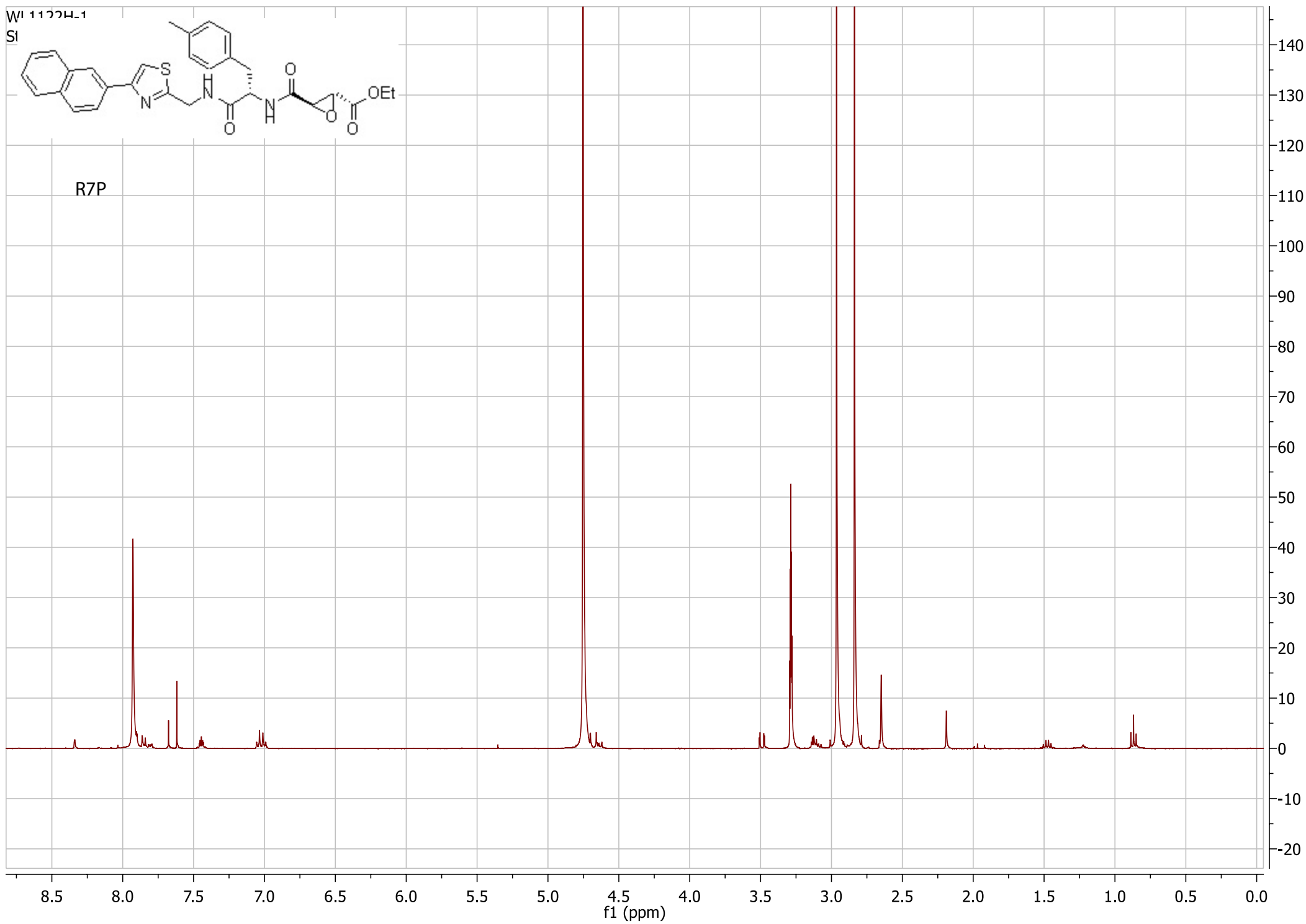


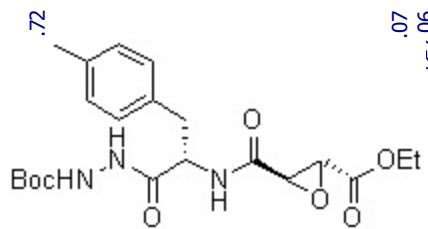
WI 11224-1

SI



R7P





7.07
7.06
7.04
6.92
6.91

4.77
4.76

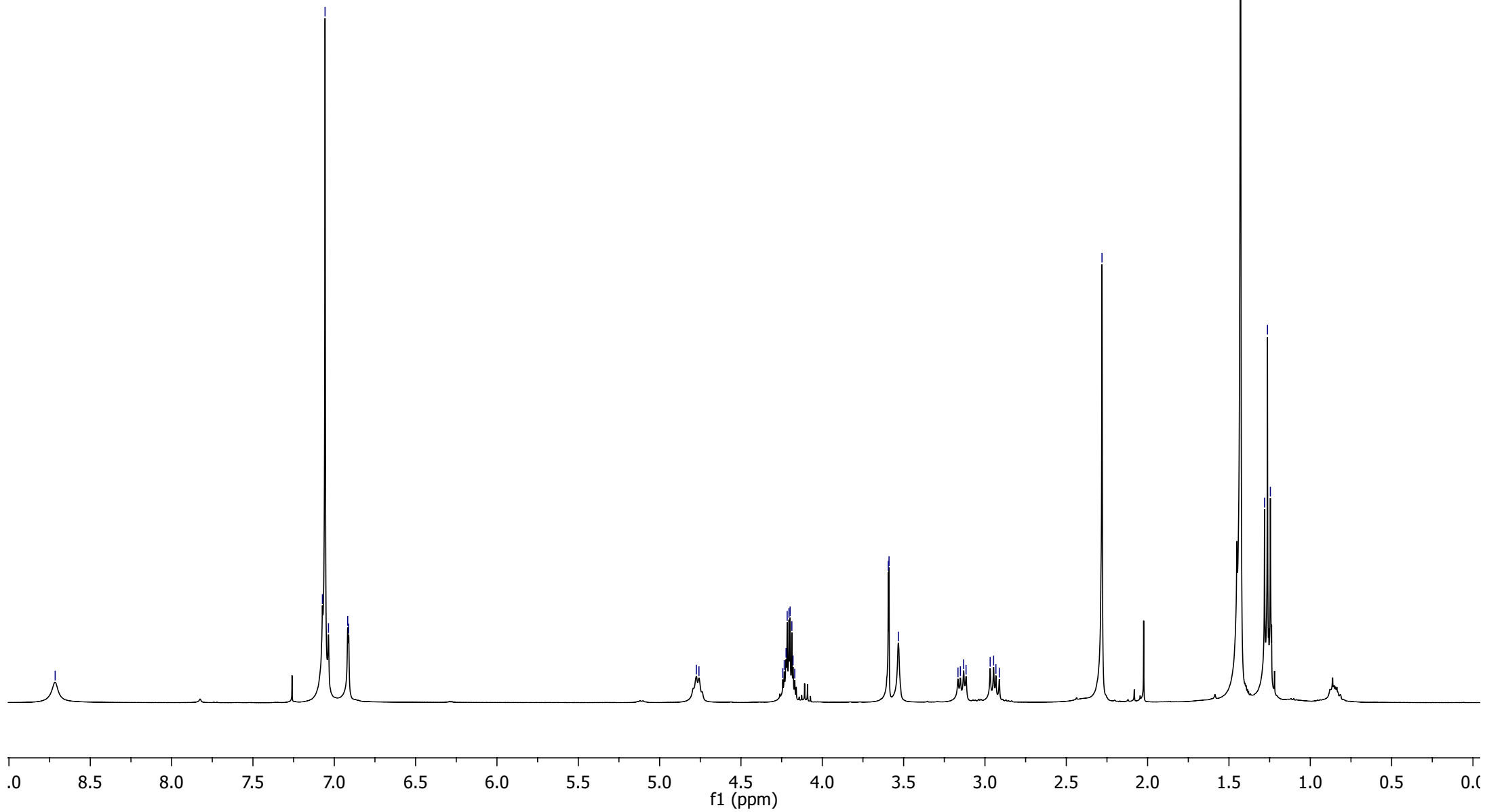
4.24
4.23
4.22
4.22
4.20
4.20
4.19
4.18

3.59
3.53
3.17
3.15
3.13
3.12

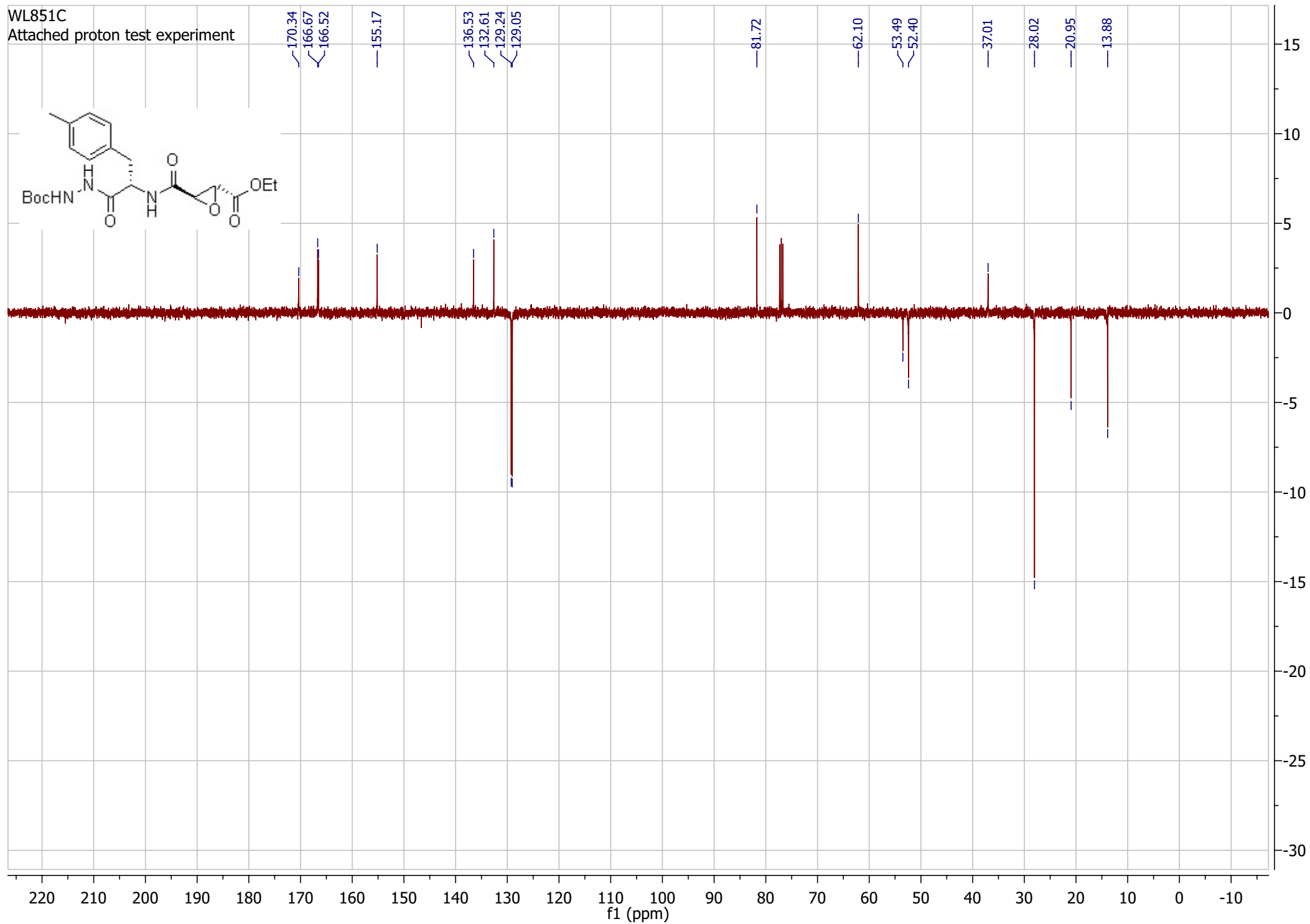
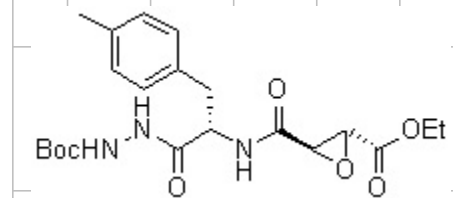
2.97
2.95
2.93
2.91

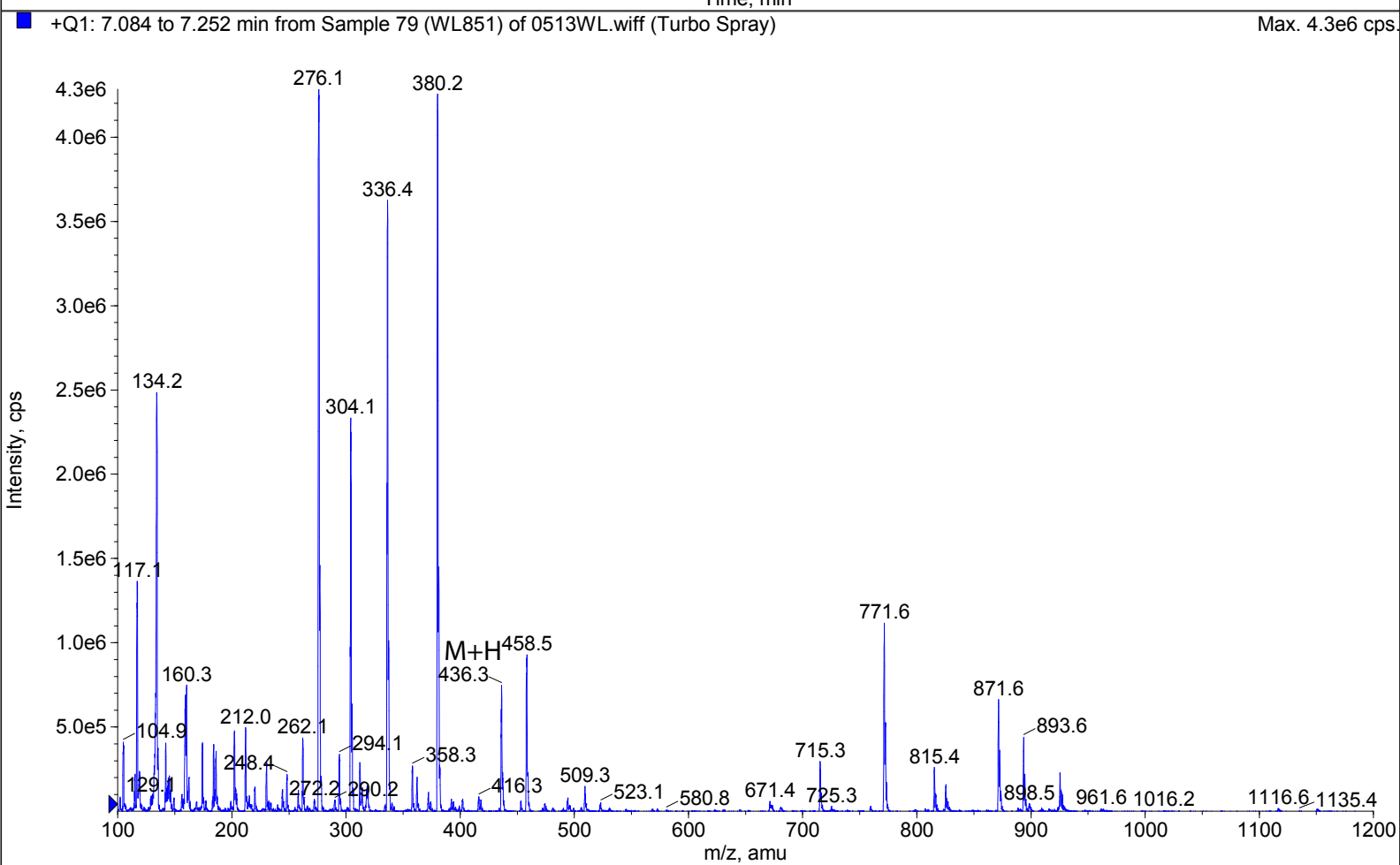
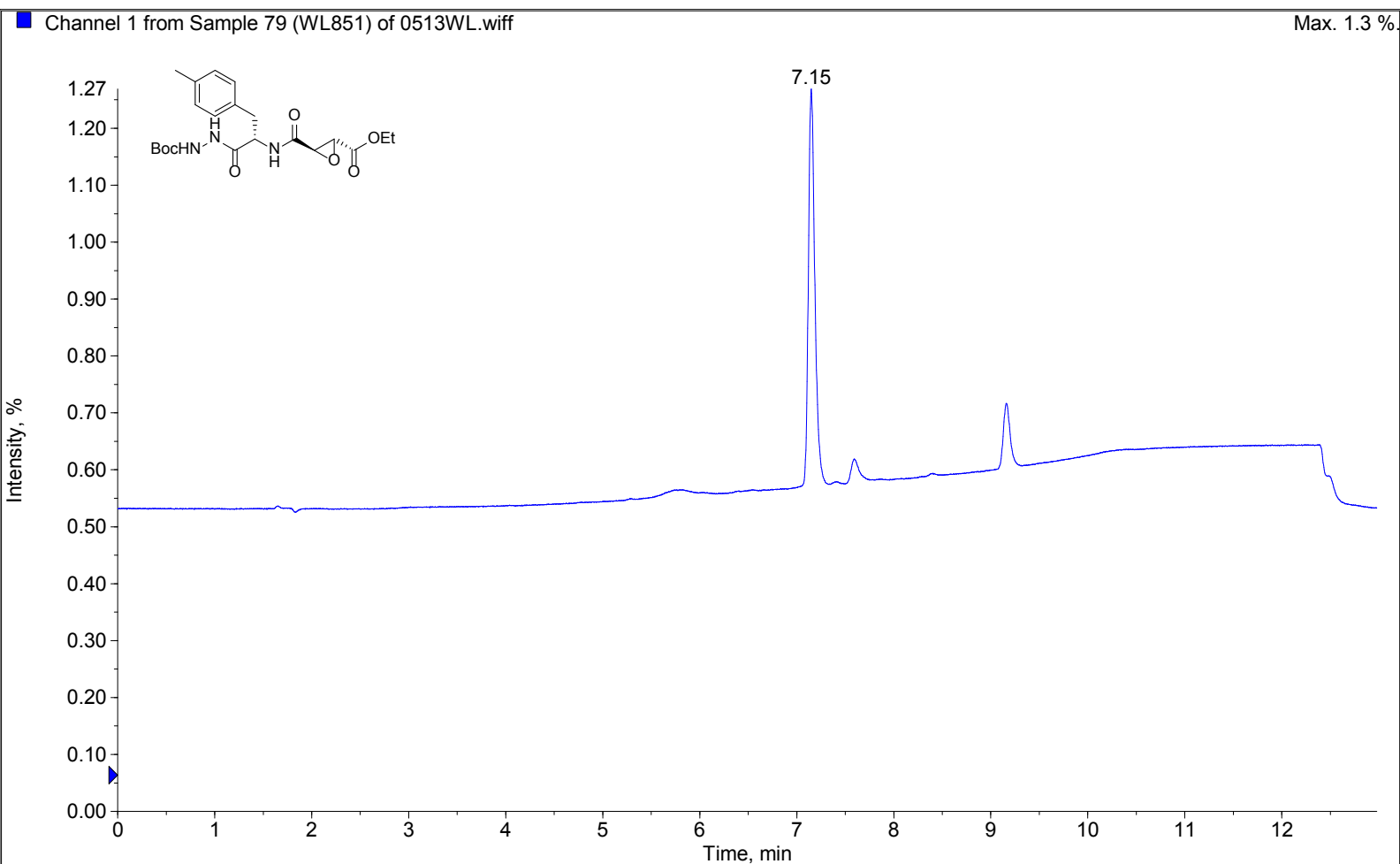
2.28

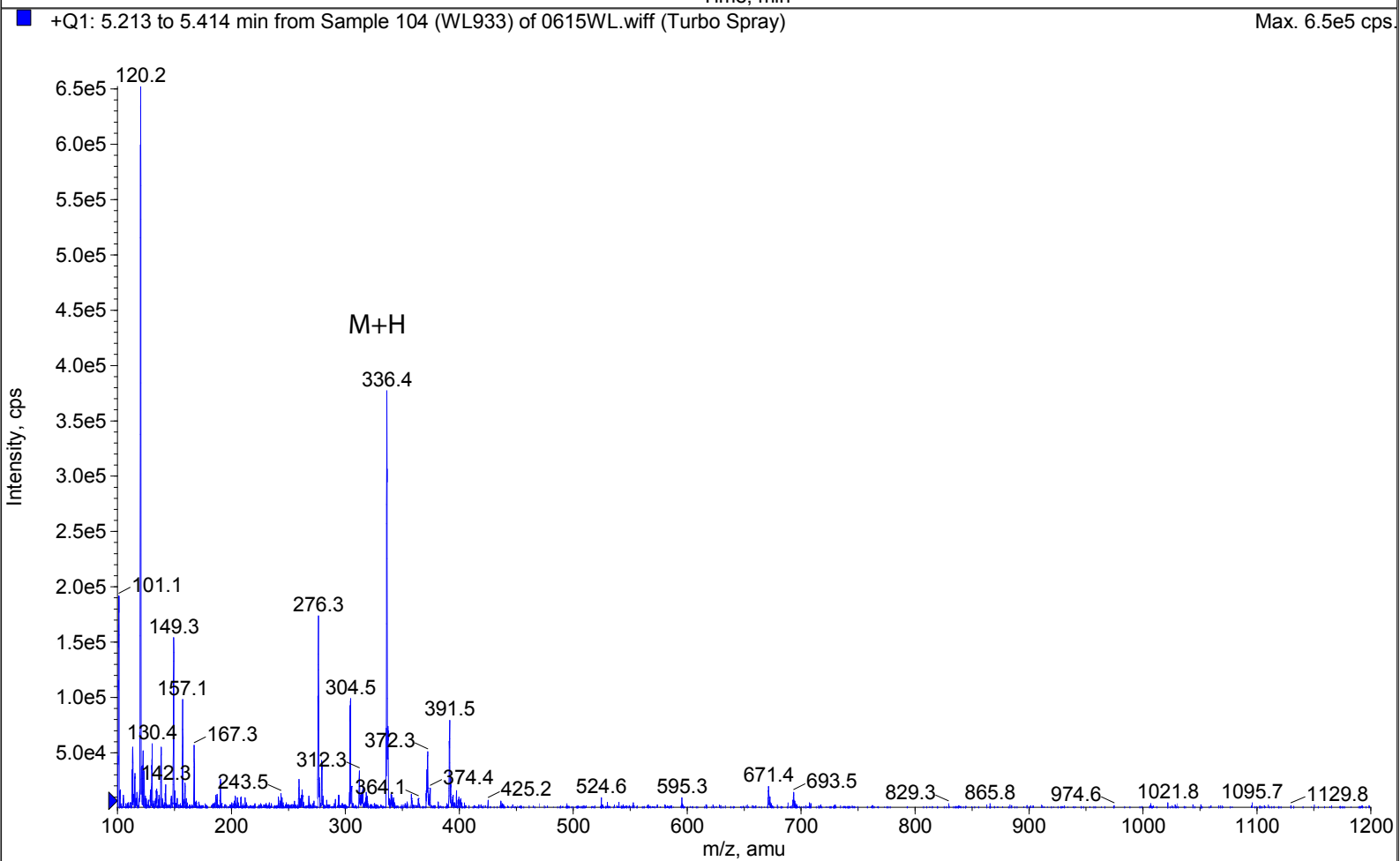
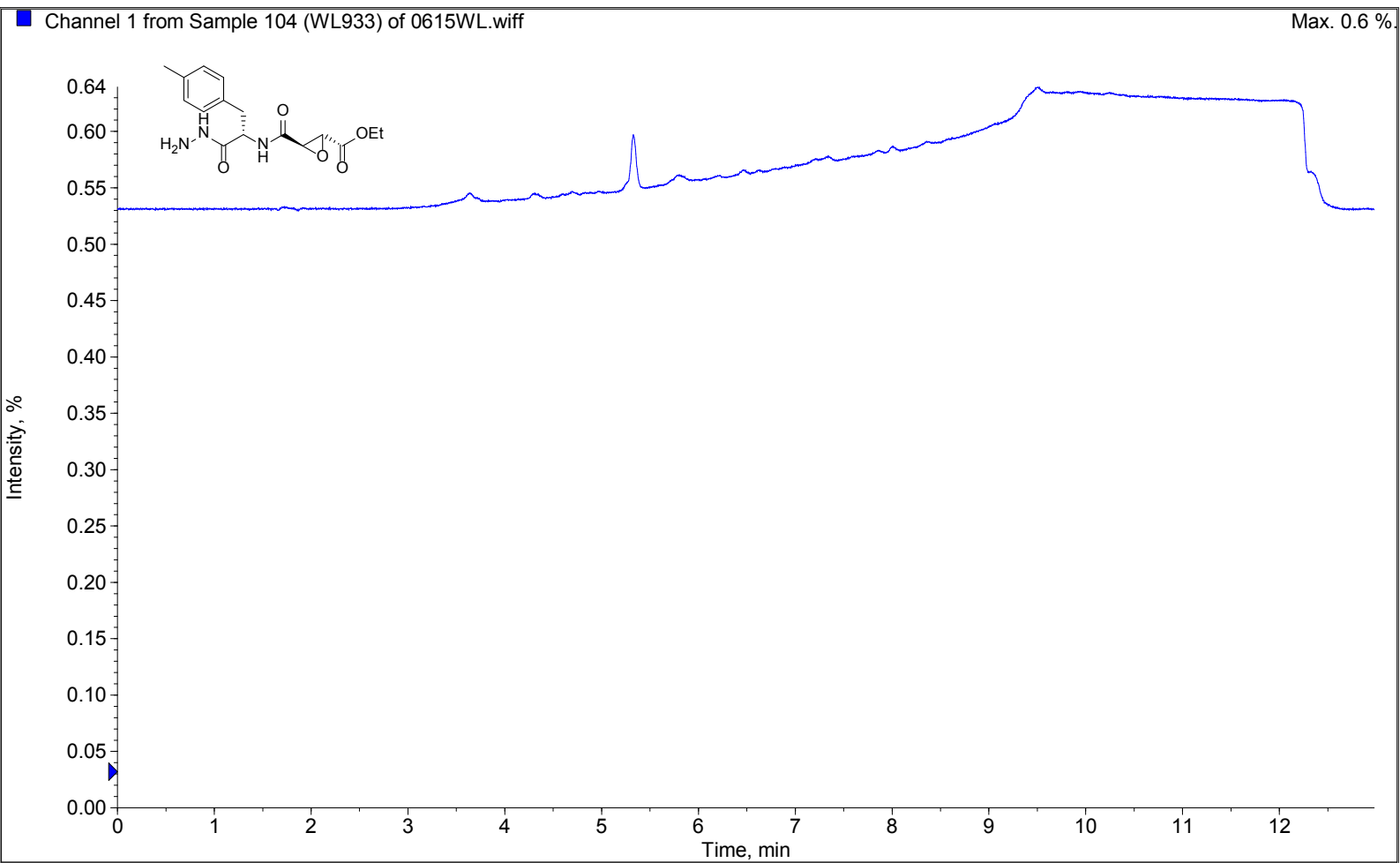
1.43
1.28
1.26
1.25



WL851C
Attached proton test experiment







7.22
7.21
7.10
7.08
7.04
7.02
6.87
6.87
6.85
6.85
6.74
6.72

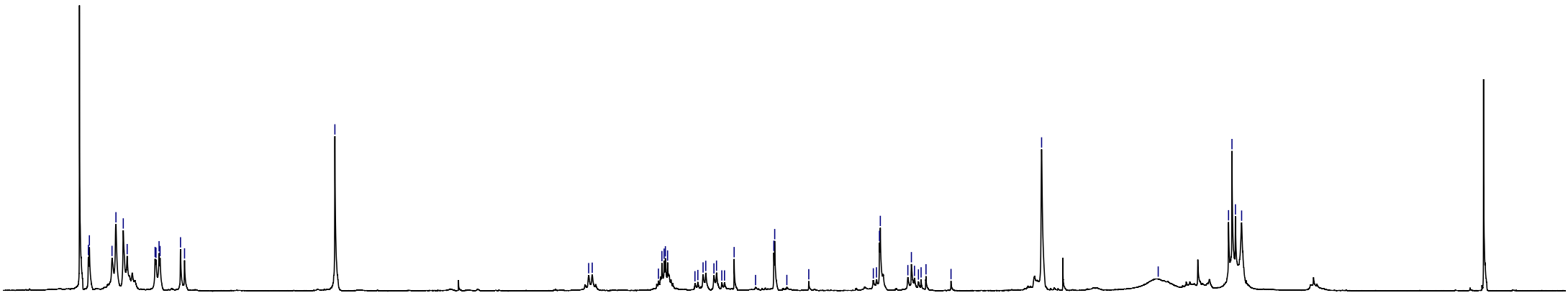
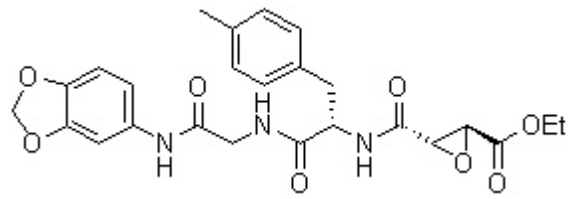
5.94

4.63
4.61
4.27
4.25
4.24
4.23
4.22
4.04
4.02
3.98
3.97
3.88
3.67
3.67
3.16
3.14
3.13
3.12
2.98
2.96
2.94
2.91
2.88
2.75
2.75

1.68

1.32
1.30
1.28
1.25

S1Et

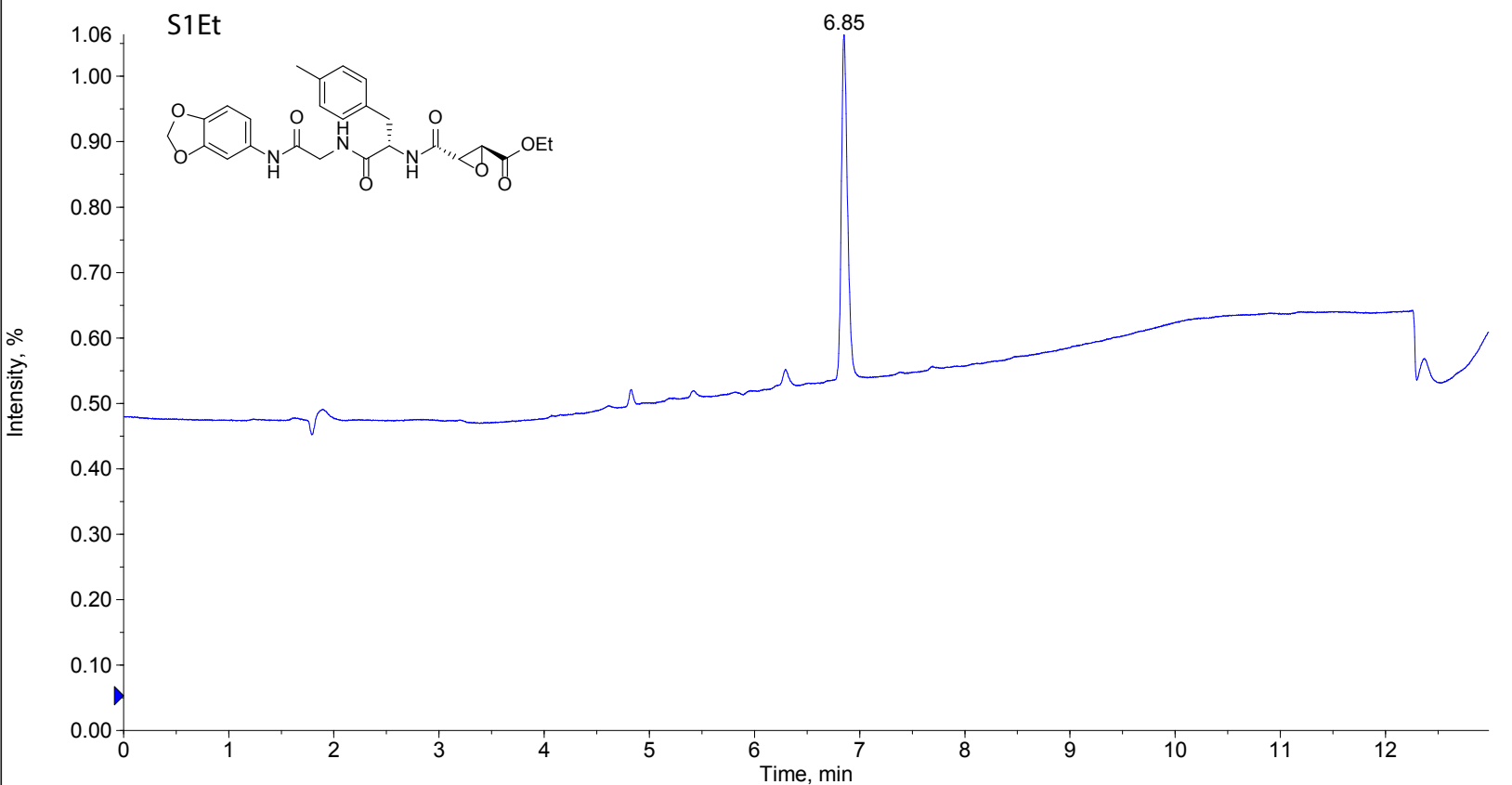


7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

f1 (ppm)

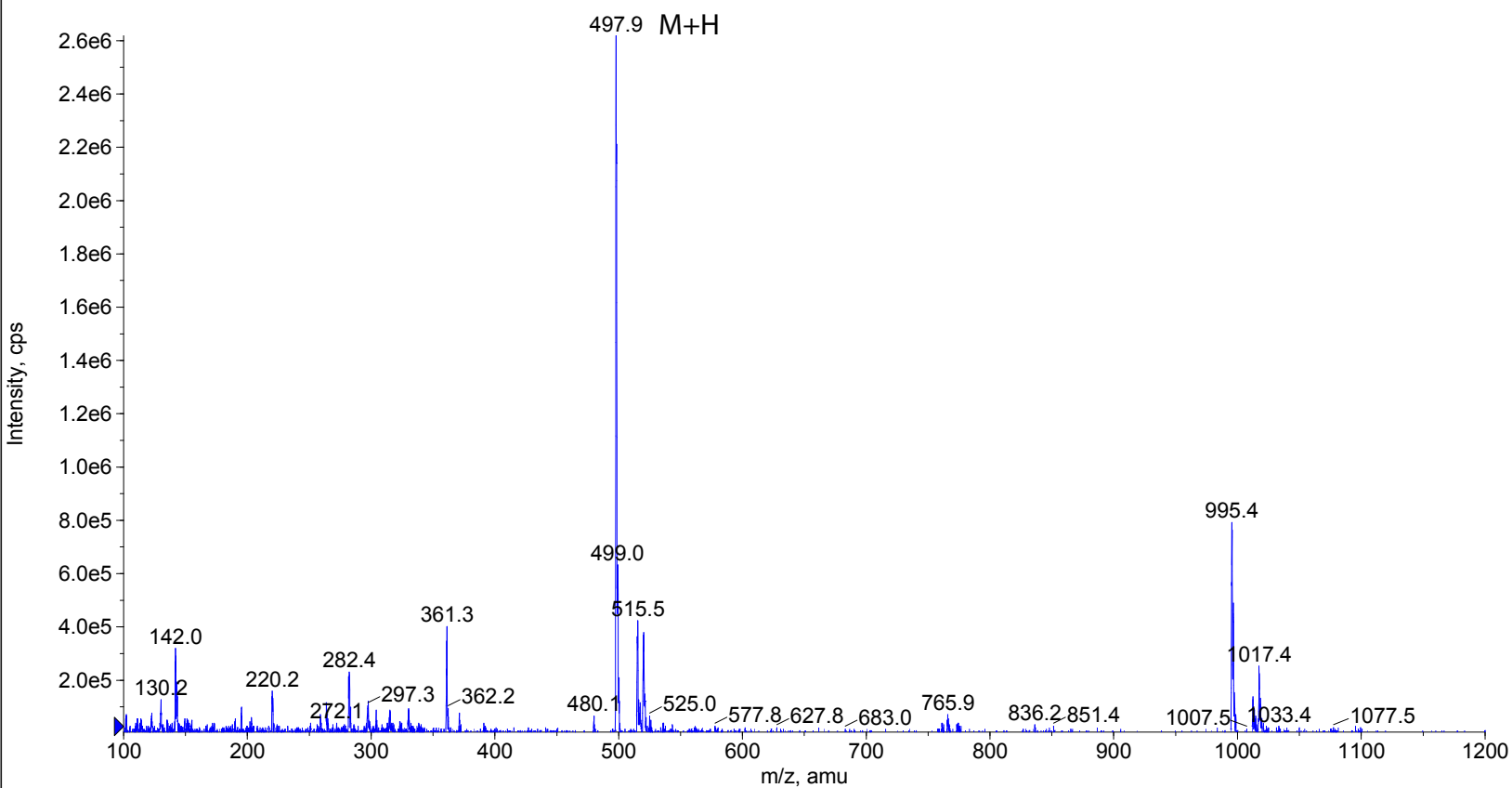
Channel 1 from Sample 41 (WL740) of 1211WL.wiff

Max. 1.1 %

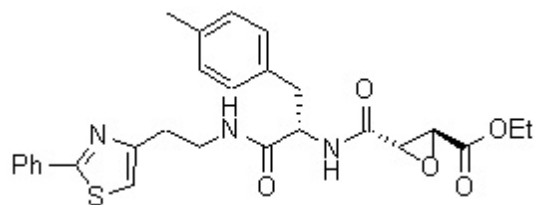


+Q1: 6.851 min from Sample 41 (WL740) of 1211WL.wiff (Turbo Spray)

Max. 2.6e6 cps



S2Et



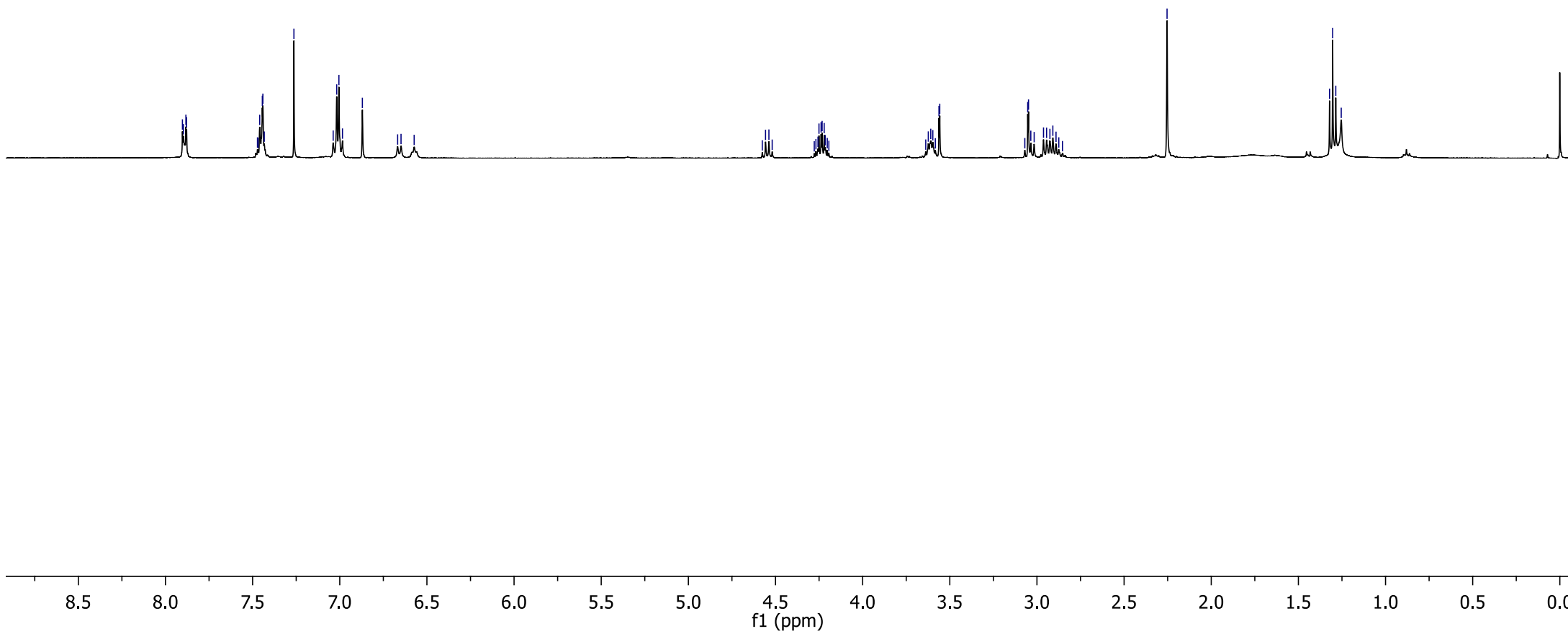
7.90
7.90
7.88
7.88
7.46
7.44
7.44
7.43
7.26
7.02
7.00
6.98
6.87
6.67
6.65
6.57

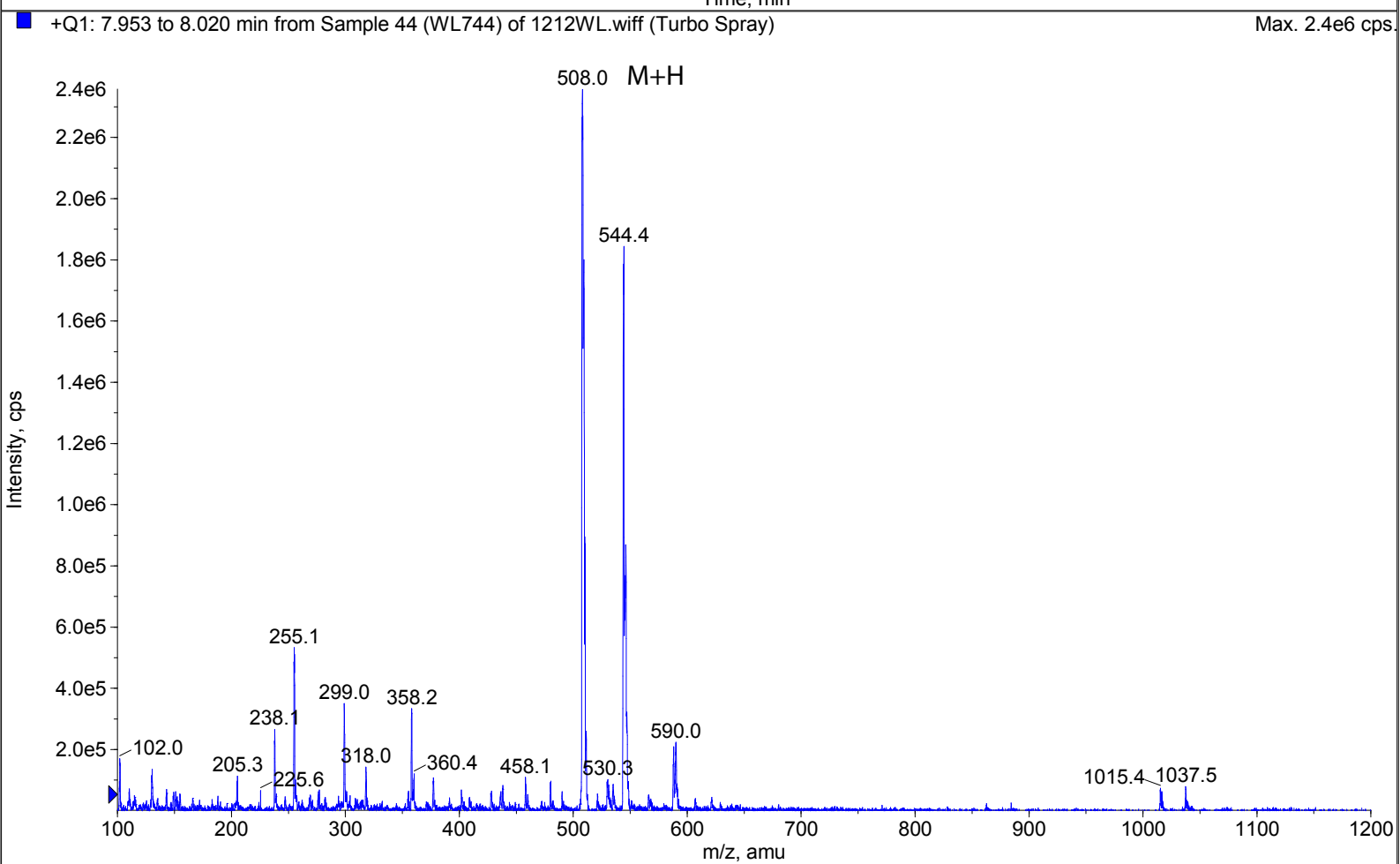
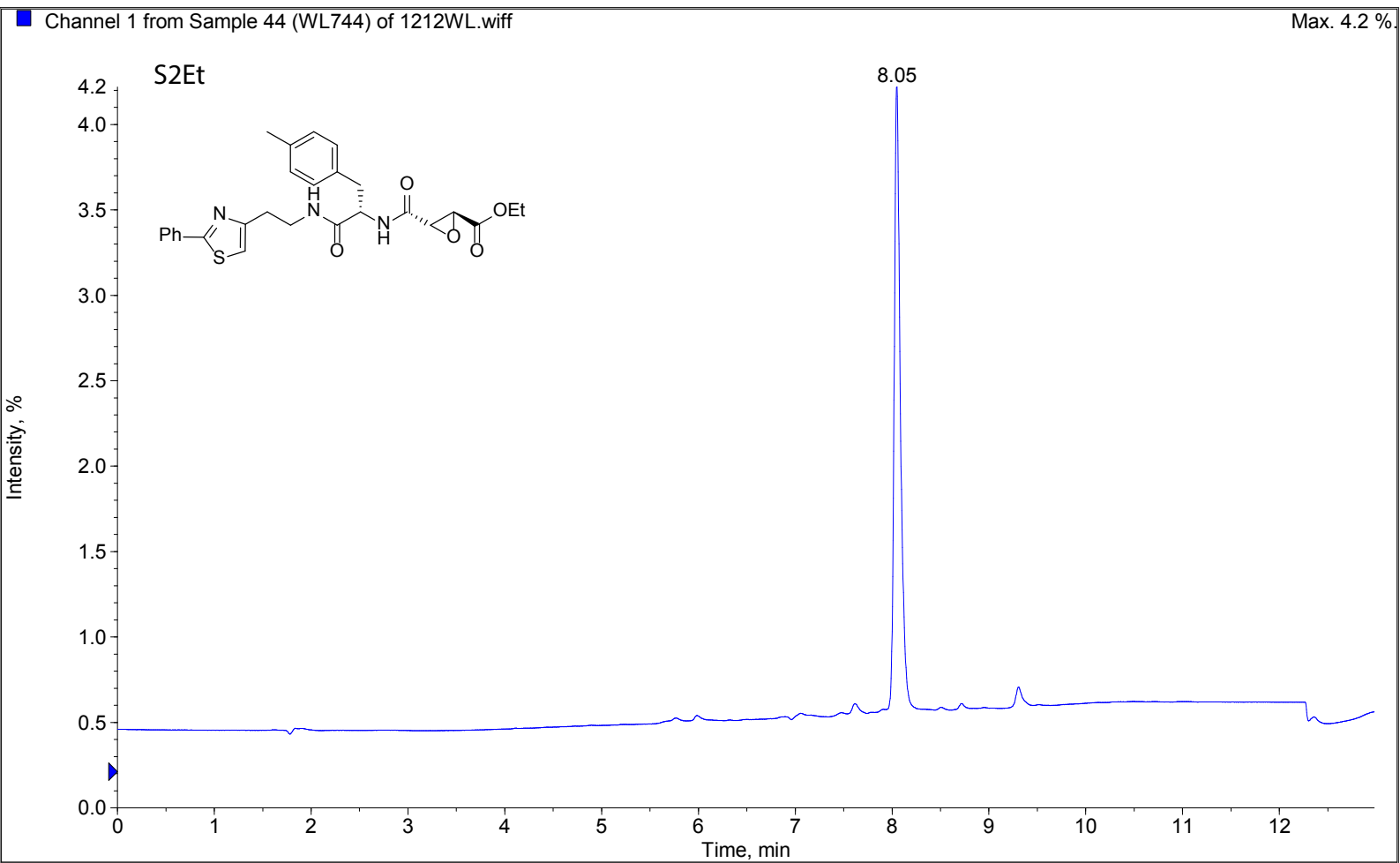
4.58
4.56
4.54
4.52
4.25
4.24
4.23
4.22

3.62
3.61
3.60
3.56
3.56

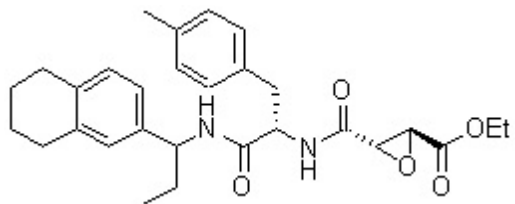
3.05
3.05
3.04
3.02
2.96
2.94
2.93
2.91
2.88
2.88

1.32
1.30
1.29
1.25





S3Et



7.13
6.99
6.97
6.96
6.89
6.86
6.84

4.71
4.69
4.68
4.66
4.65
4.63
4.59
4.57

4.26
4.26
4.25
4.25
4.24

3.62
3.61
3.57
3.57
3.47

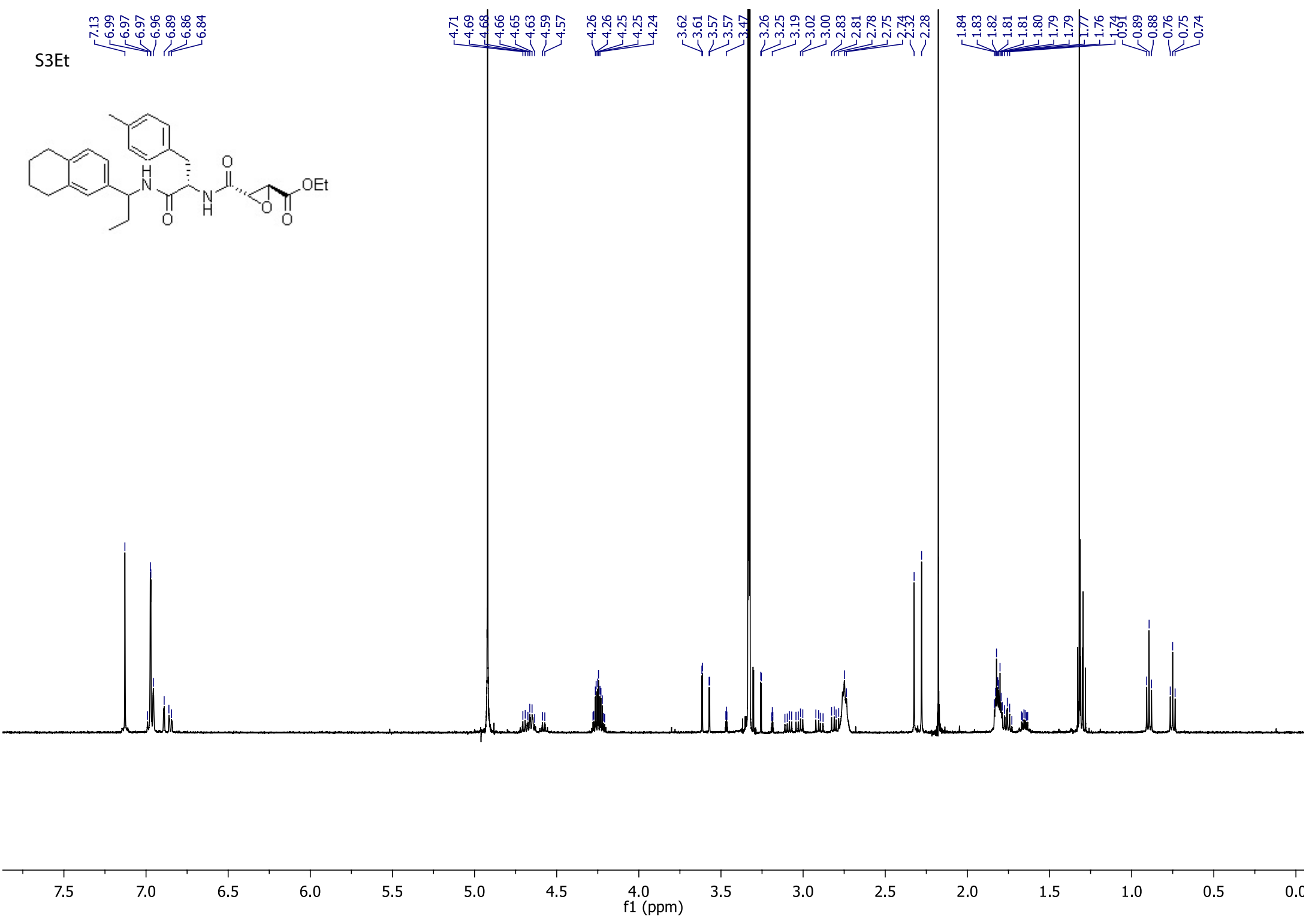
3.26
3.25
3.19
3.02
3.00

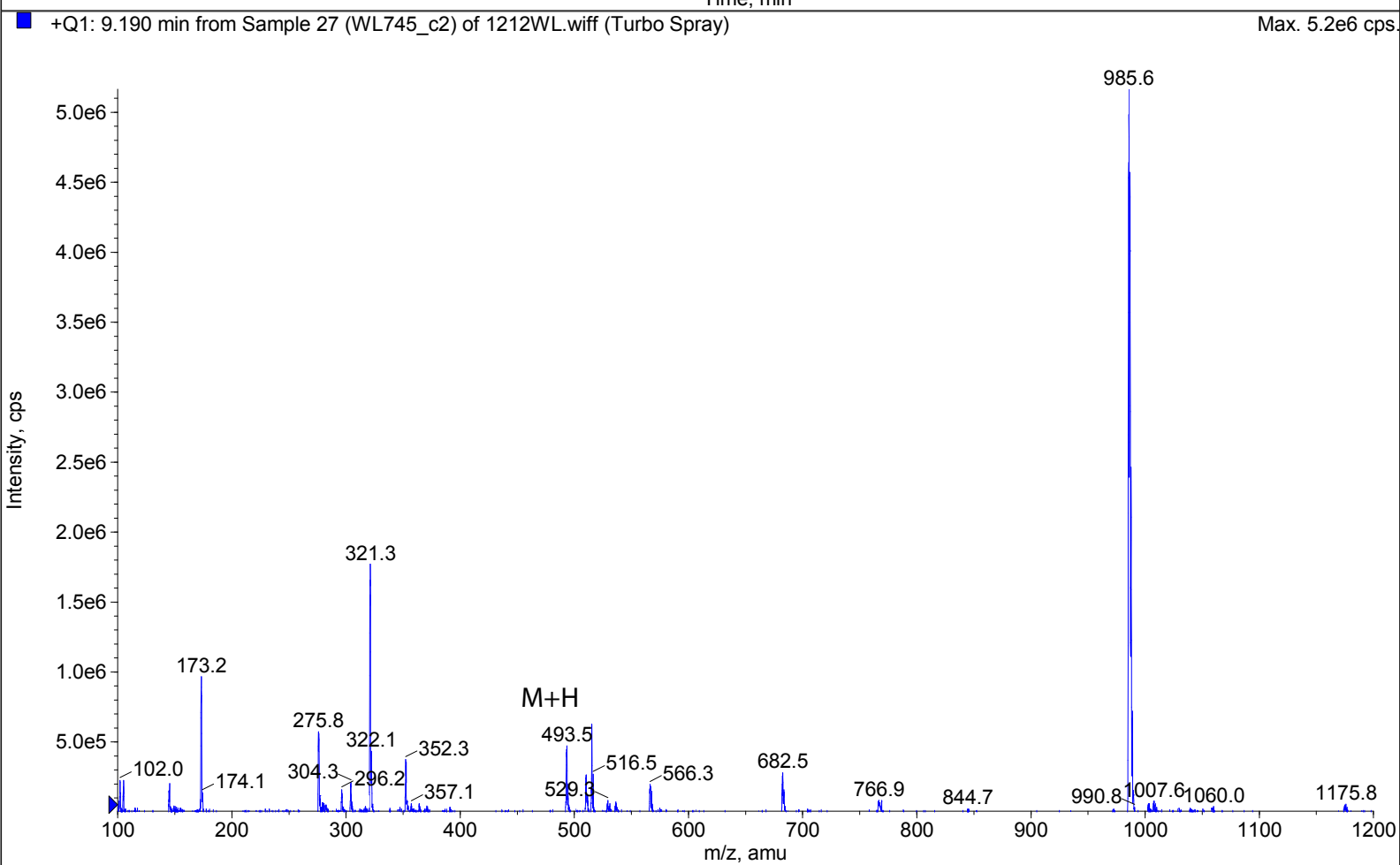
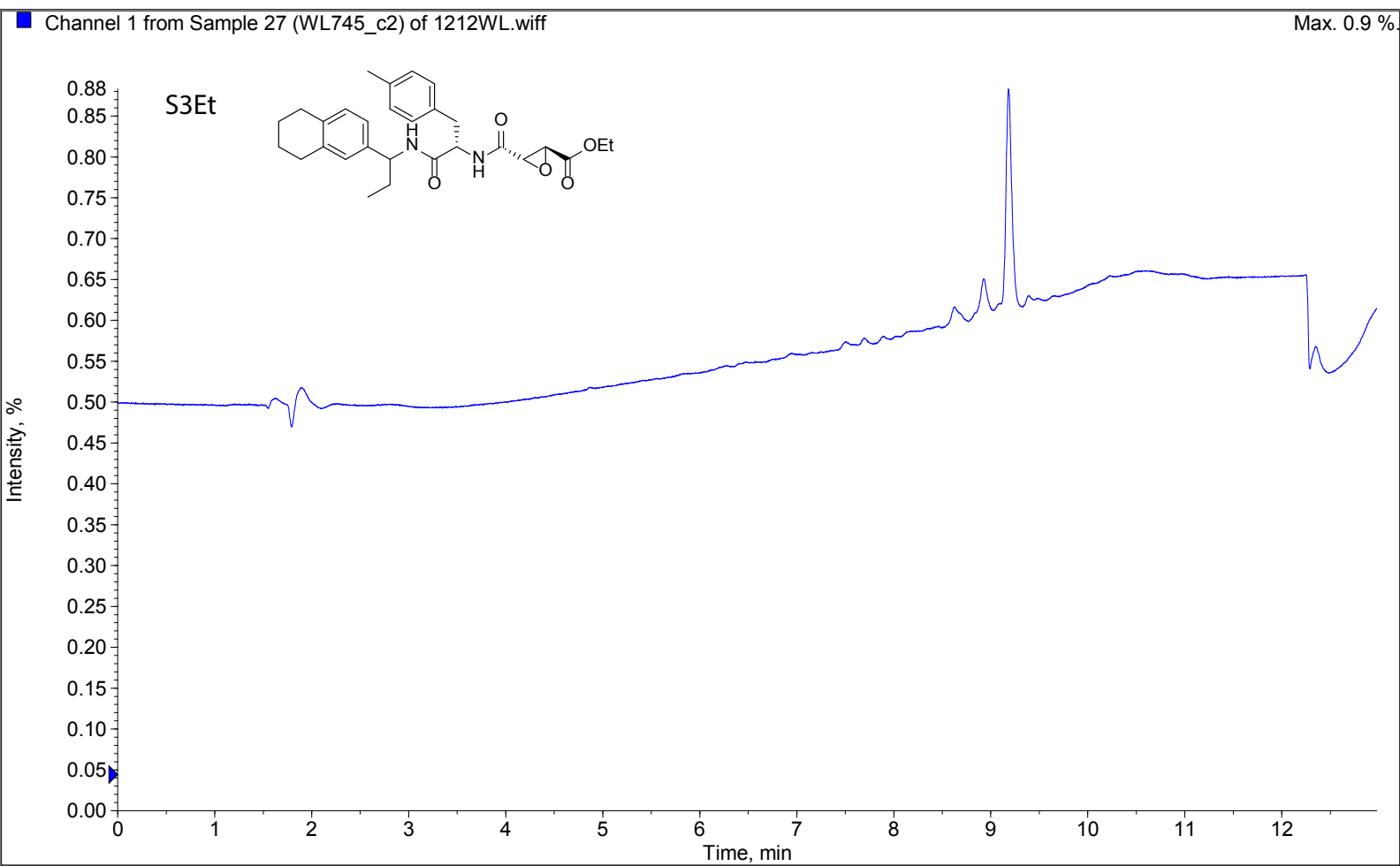
2.83
2.81
2.78
2.75
2.74
2.73
2.28

1.84
1.83
1.82
1.81
1.81
1.80
1.79
1.79

1.77
1.76
1.74
1.61

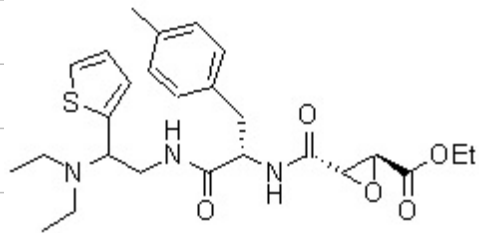
0.89
0.88
0.76
0.75
0.74





WL746H
STANDARD PROTON PARAMETERS

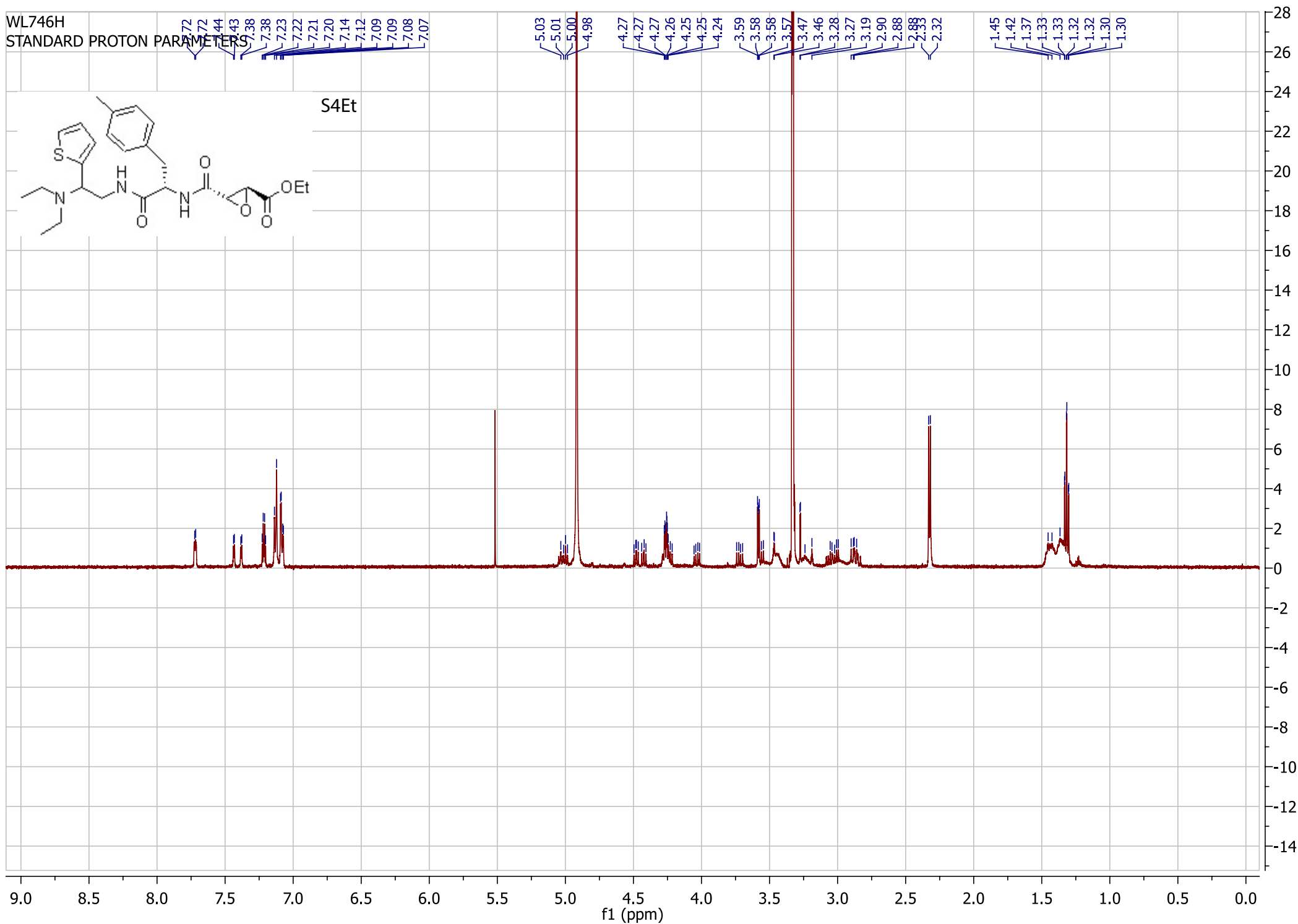
S4Et

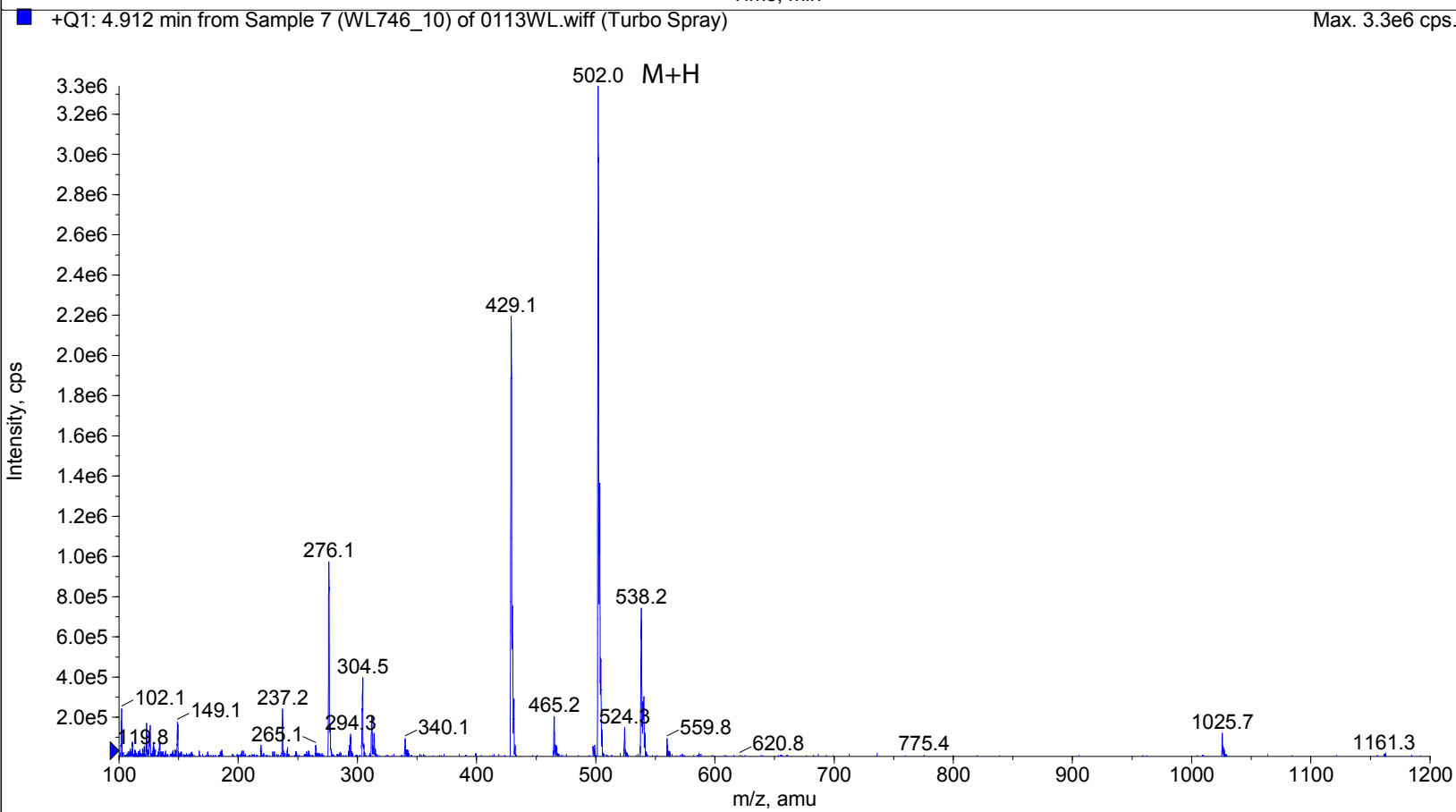
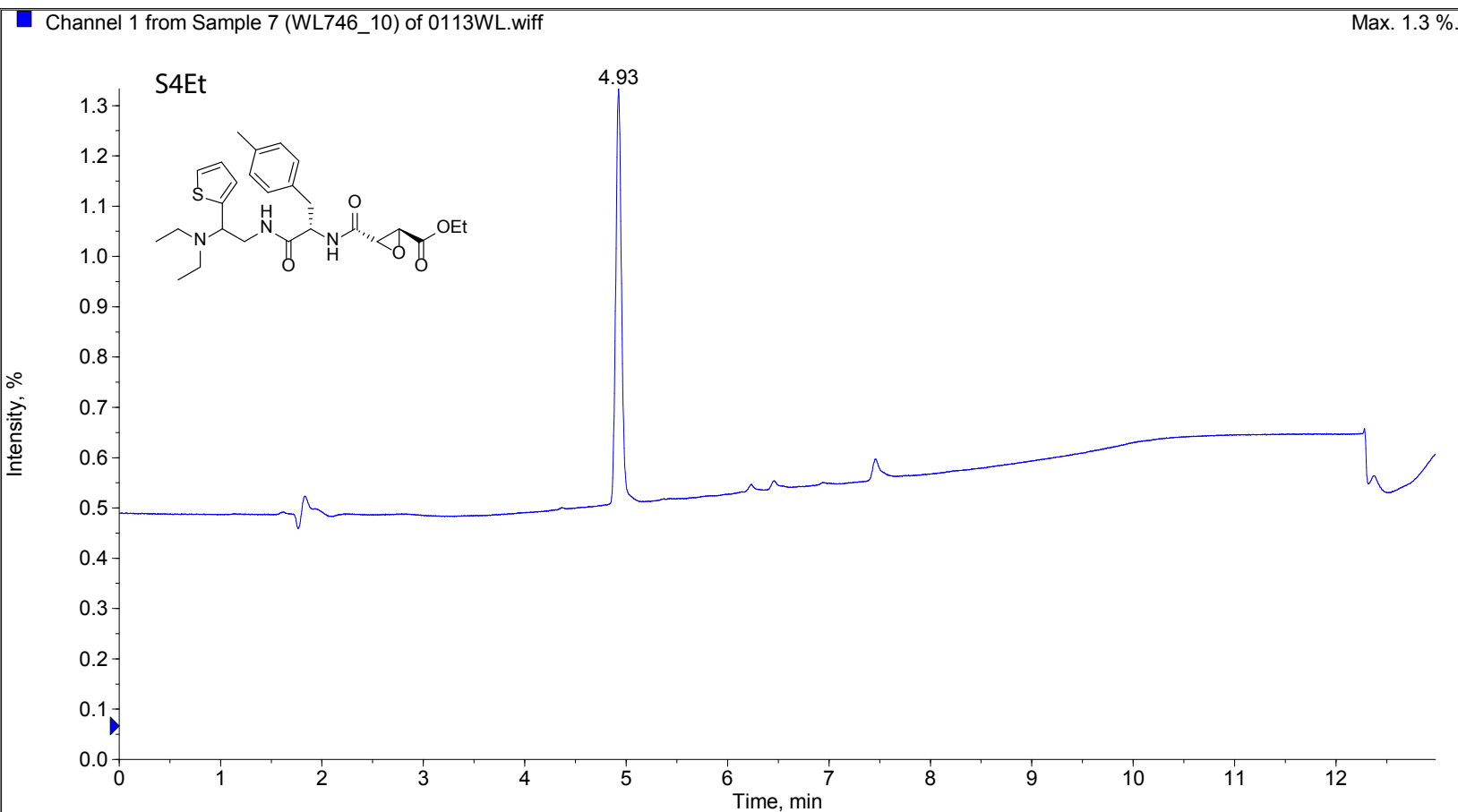


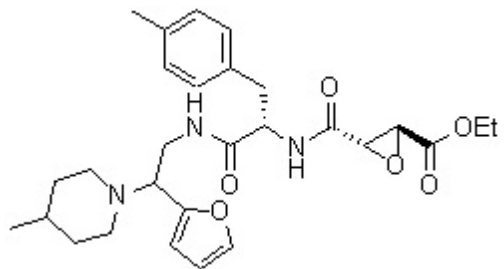
7.72
7.72
7.44
7.43
7.38
7.38
7.23
7.22
7.21
7.20
7.14
7.12
7.09
7.09
7.08
7.07

5.03
5.01
5.00
4.98
4.27
4.27
4.27
4.26
4.25
4.25
4.24
3.59
3.58
3.58
3.57
3.47
3.46
3.28
3.27
3.19
2.90
2.88
2.88
2.88
2.32

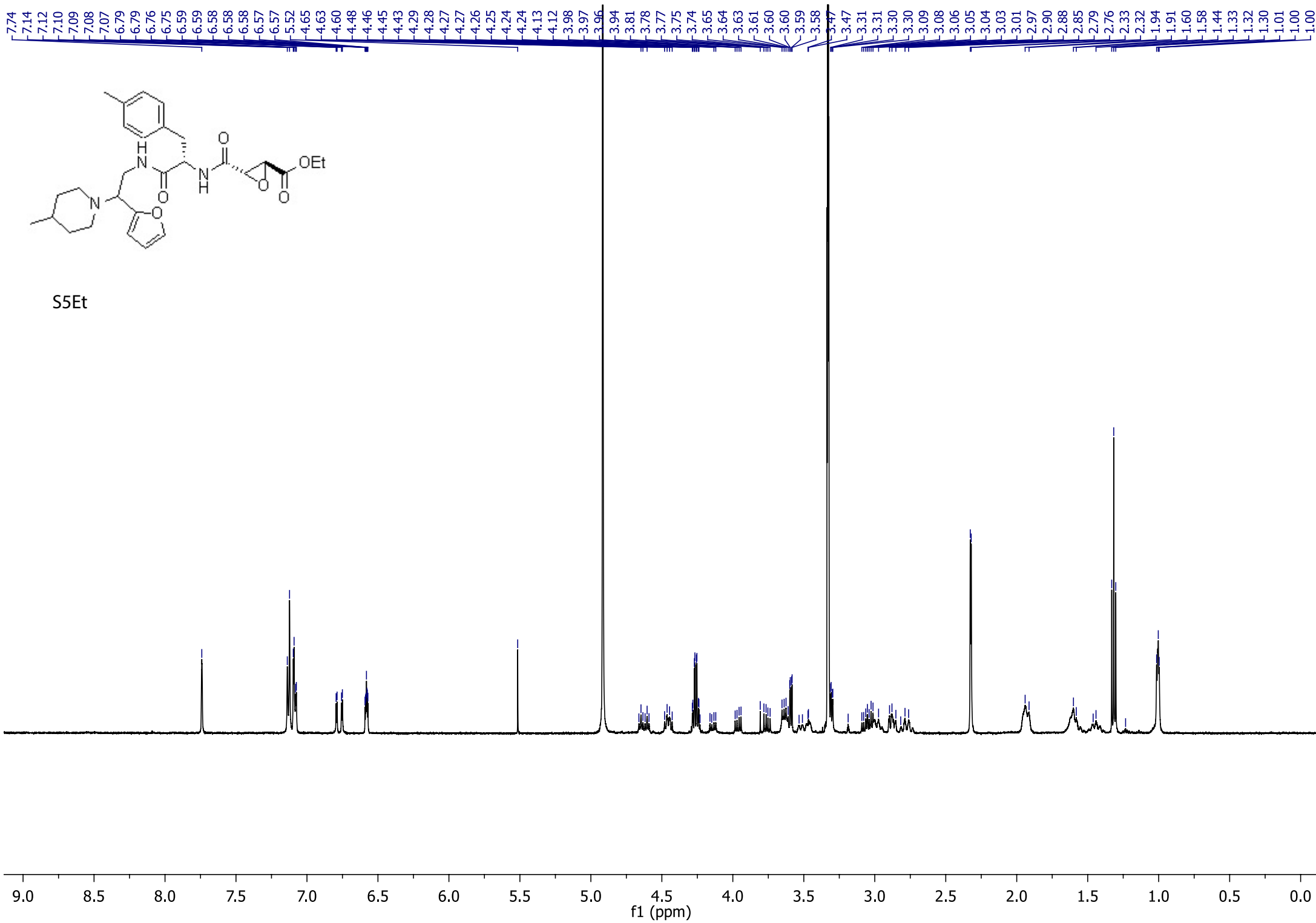
1.45
1.42
1.37
1.33
1.33
1.32
1.32
1.30
1.30

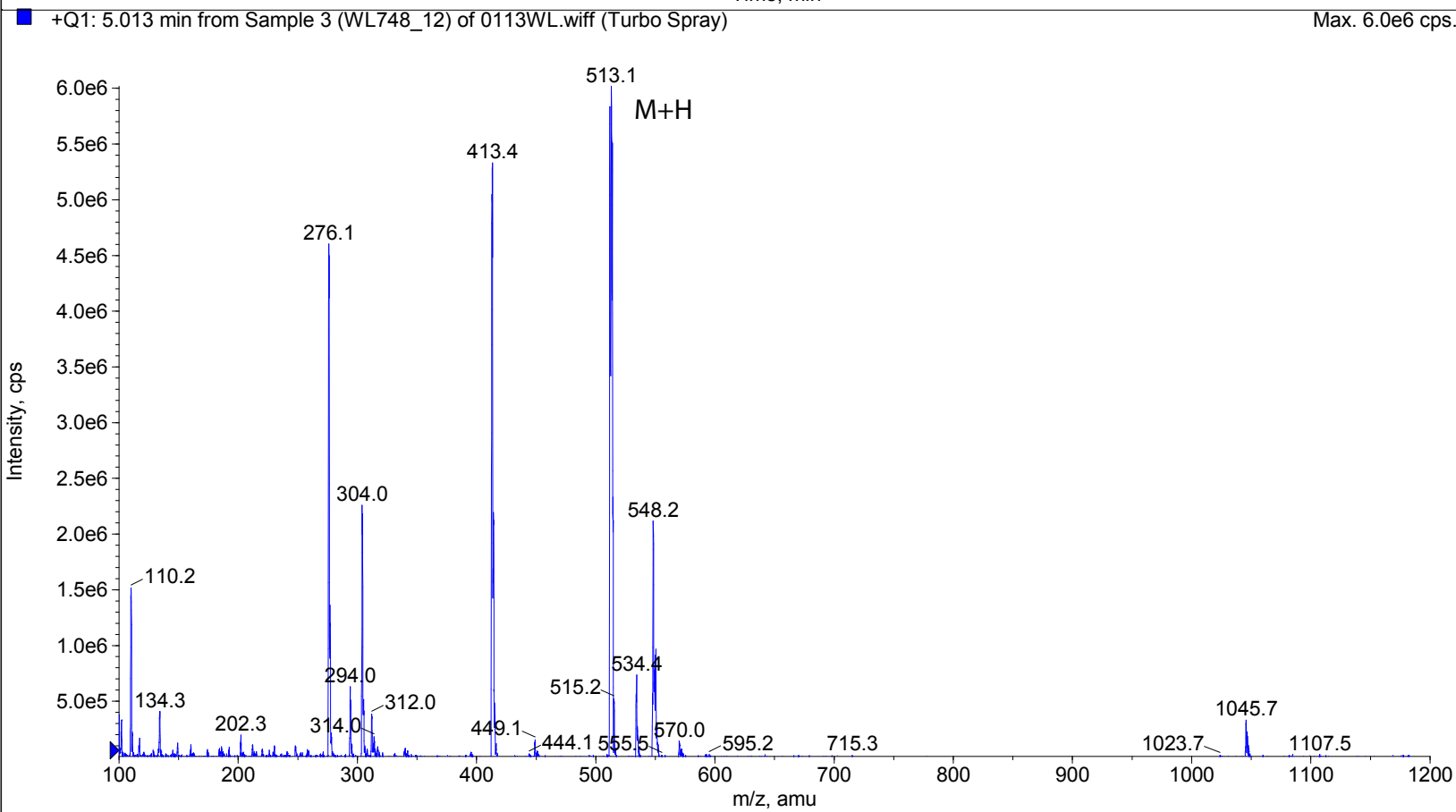
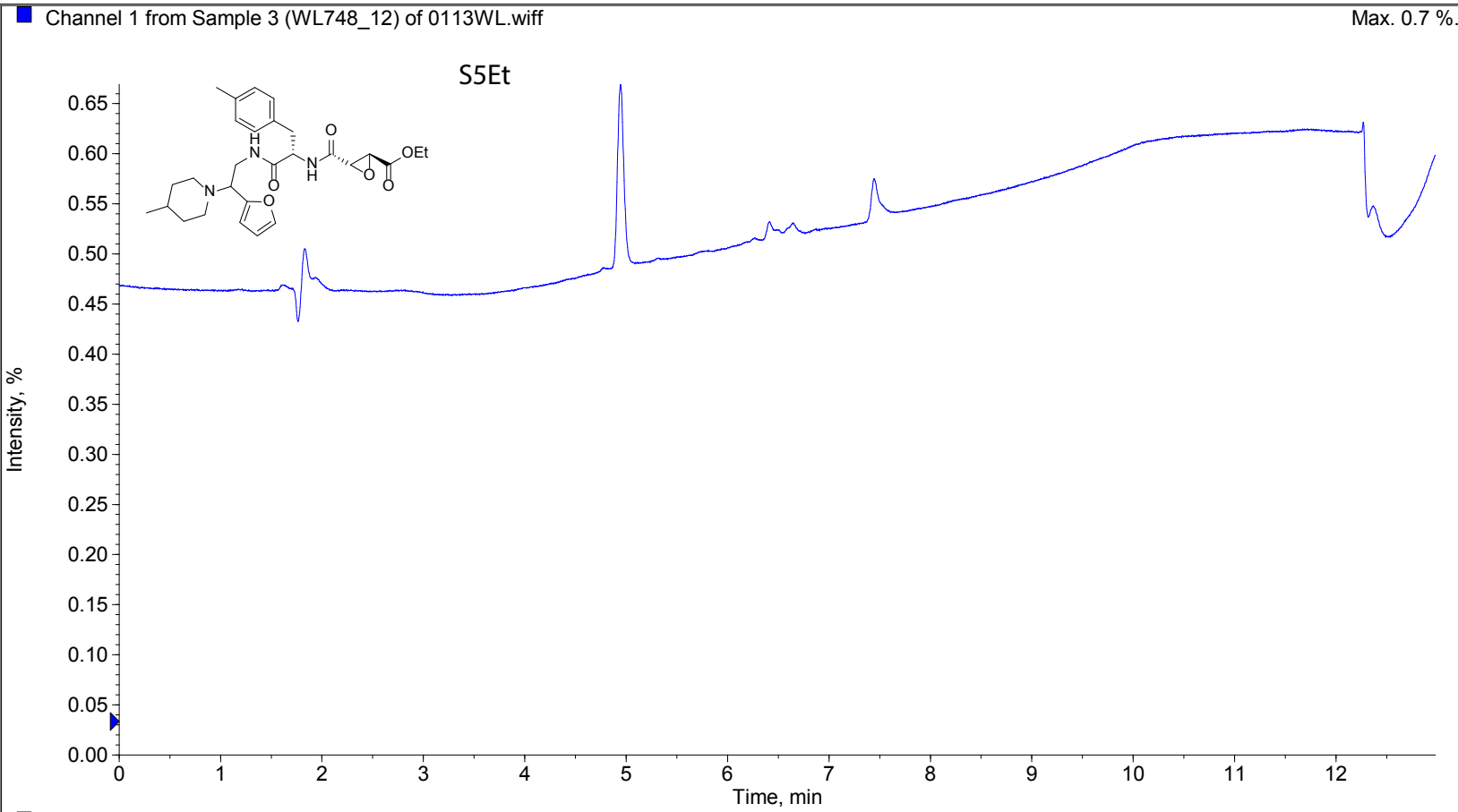






S5Et





S6Et

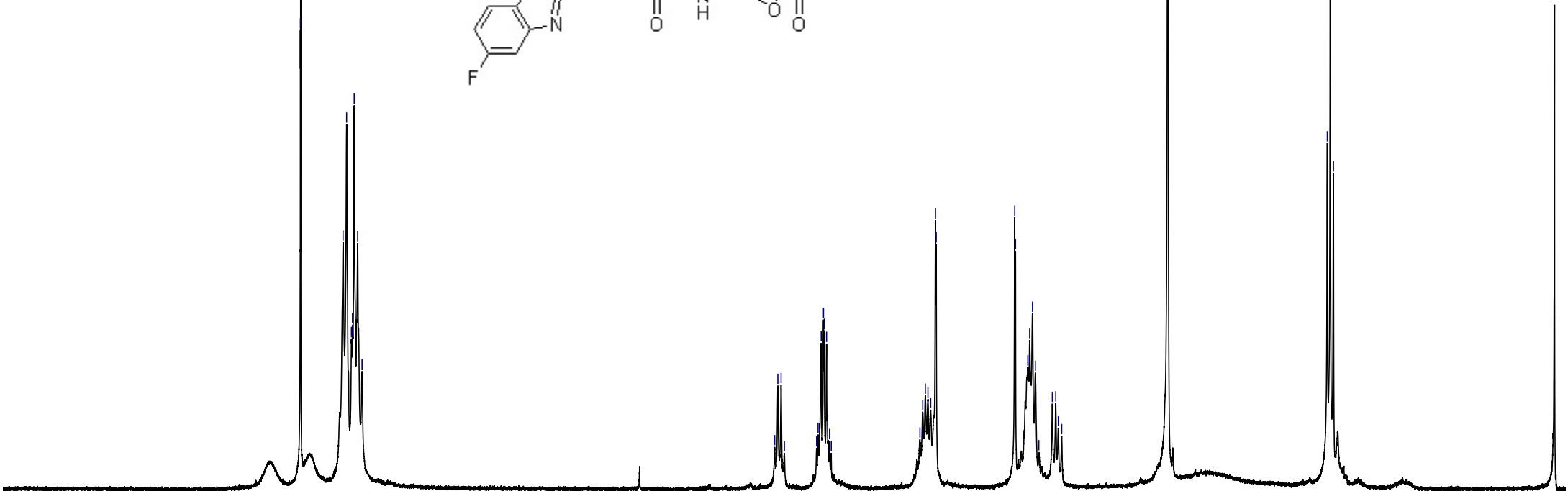
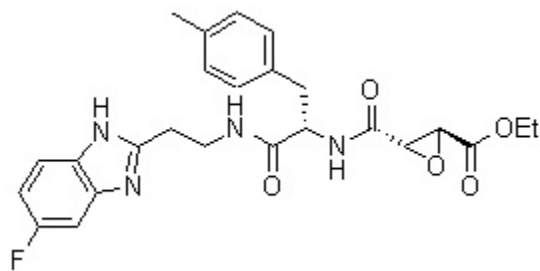
7.26
7.26
7.02
7.00
6.97
6.96
6.95
6.93
6.91

4.52
4.50
4.48
4.46
4.27
4.27
4.25
4.23
4.23
4.22
4.20
4.19

3.64
3.63
3.61
3.59
3.58

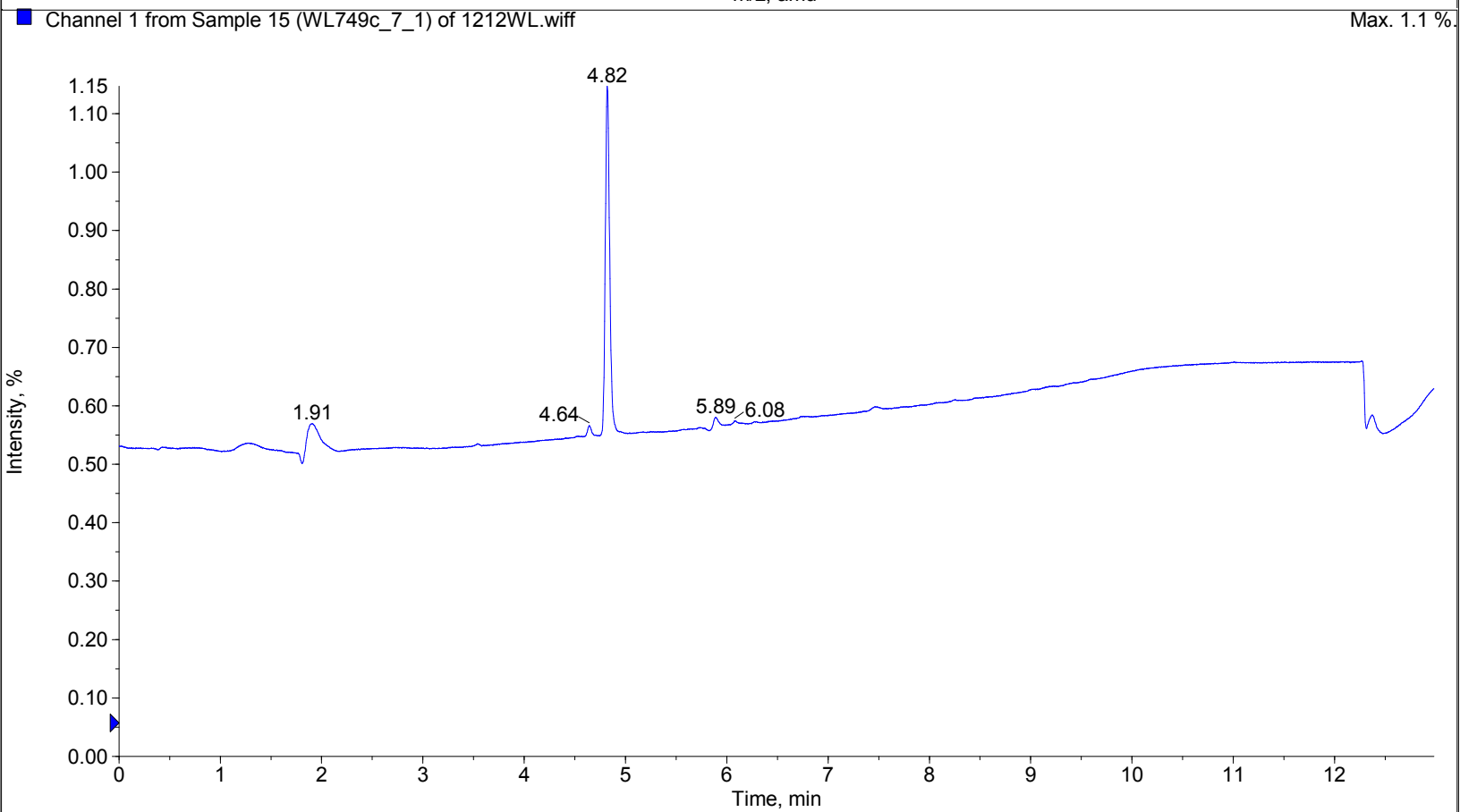
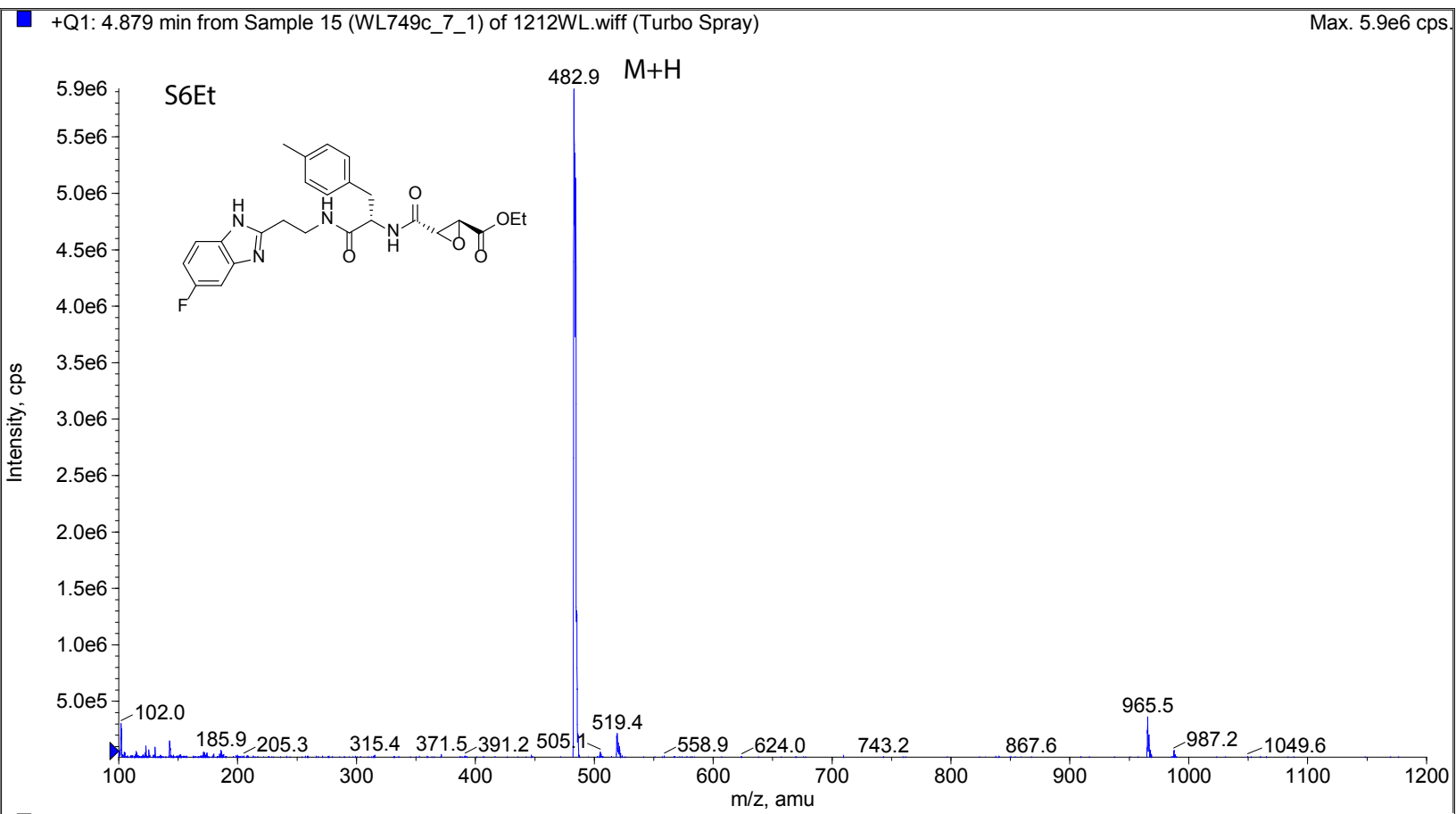
3.13
3.12
3.05
3.04
3.02
3.01
2.91
2.89
2.87
2.87

1.32
1.30
1.28



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 0.0

f1 (ppm)

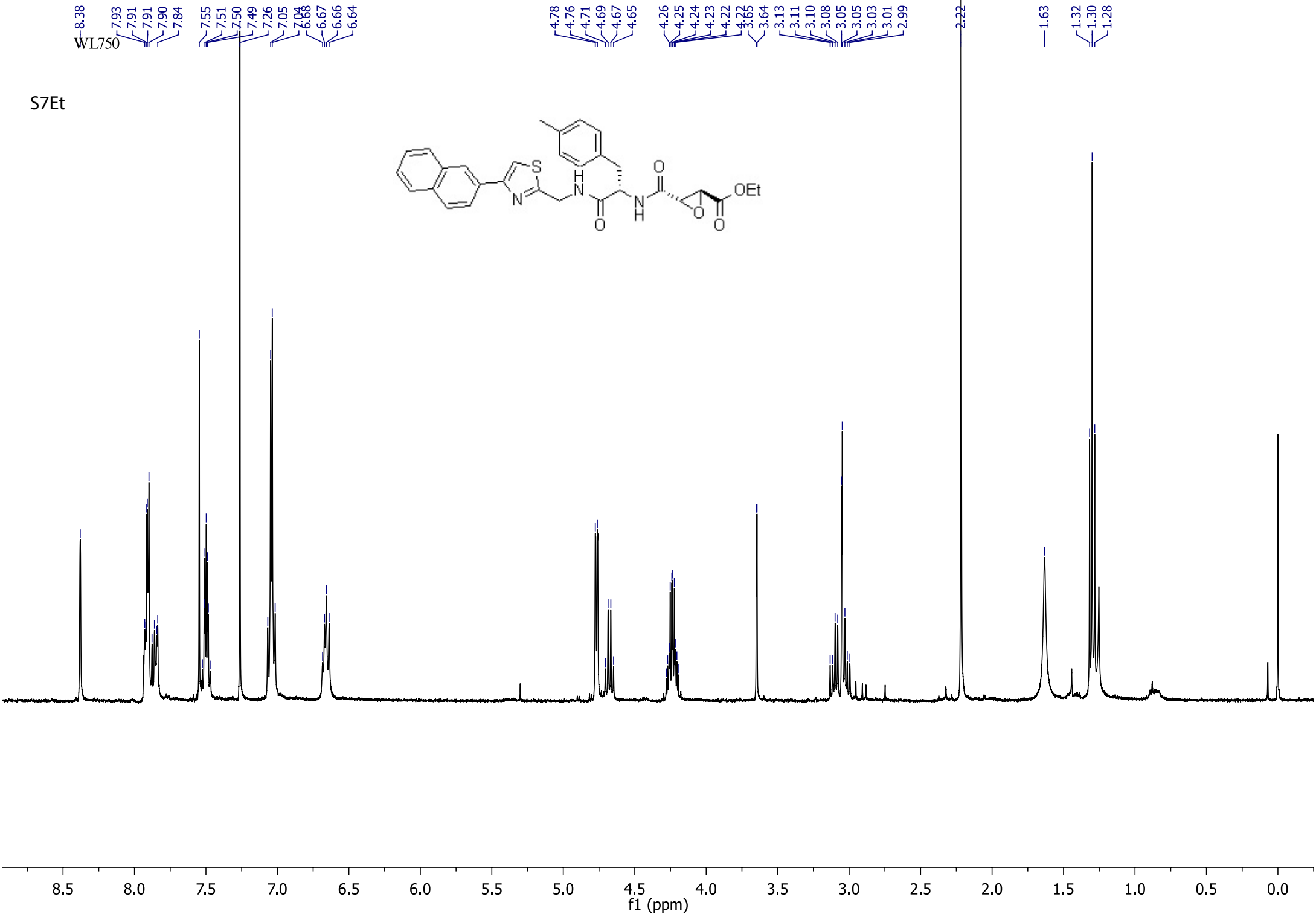
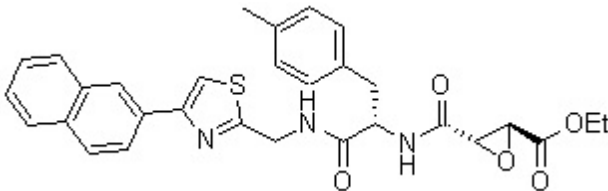


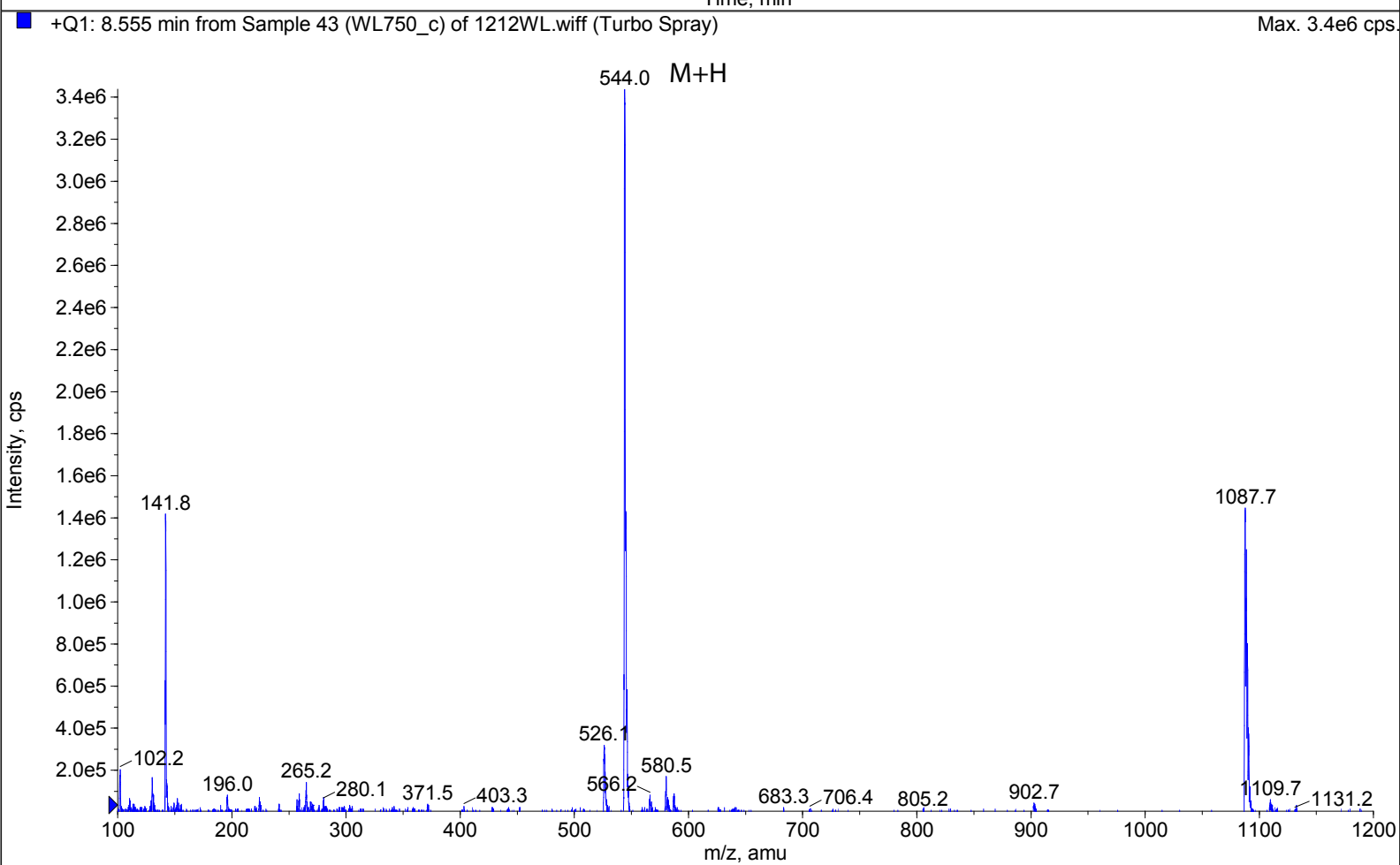
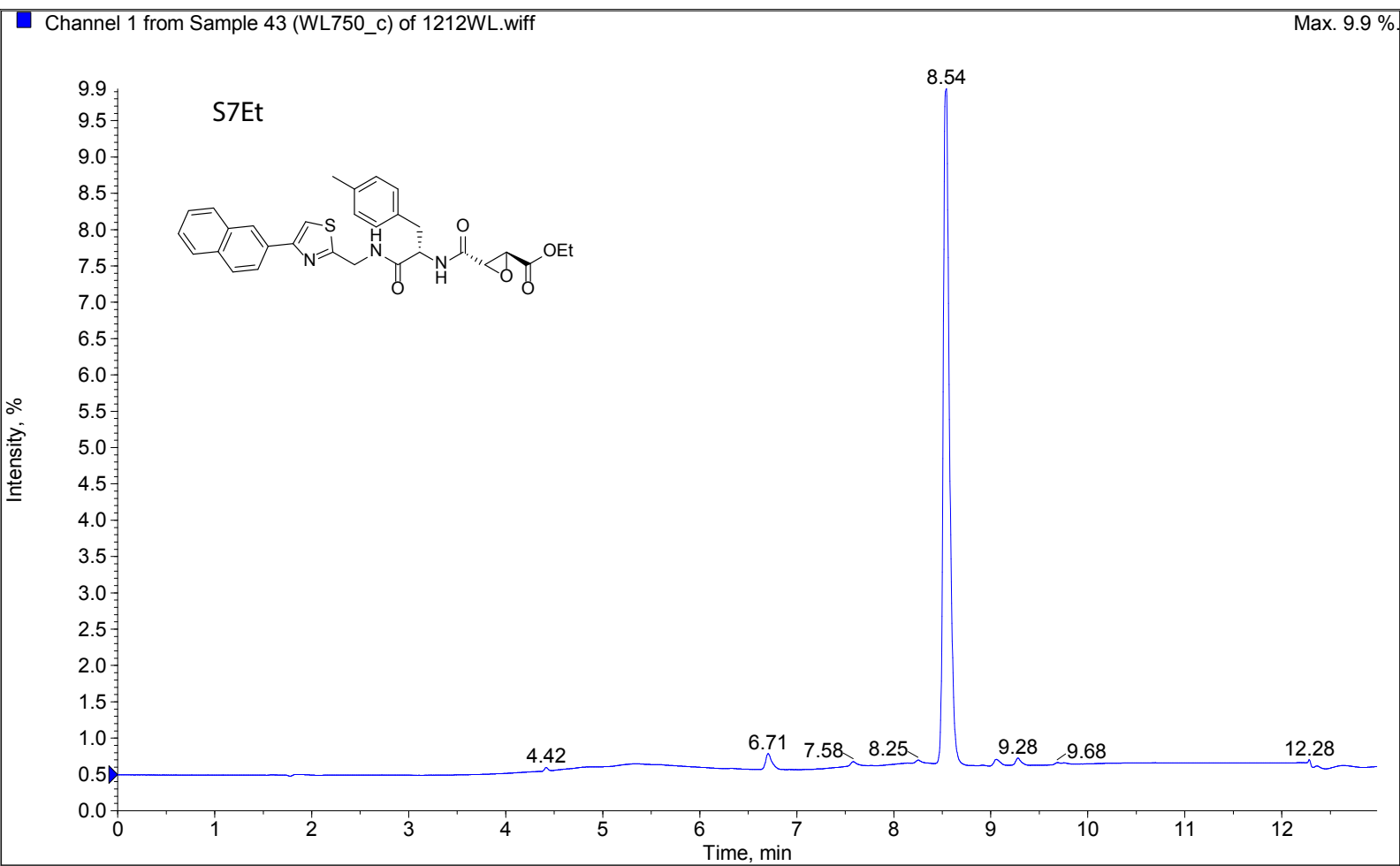
S7Et

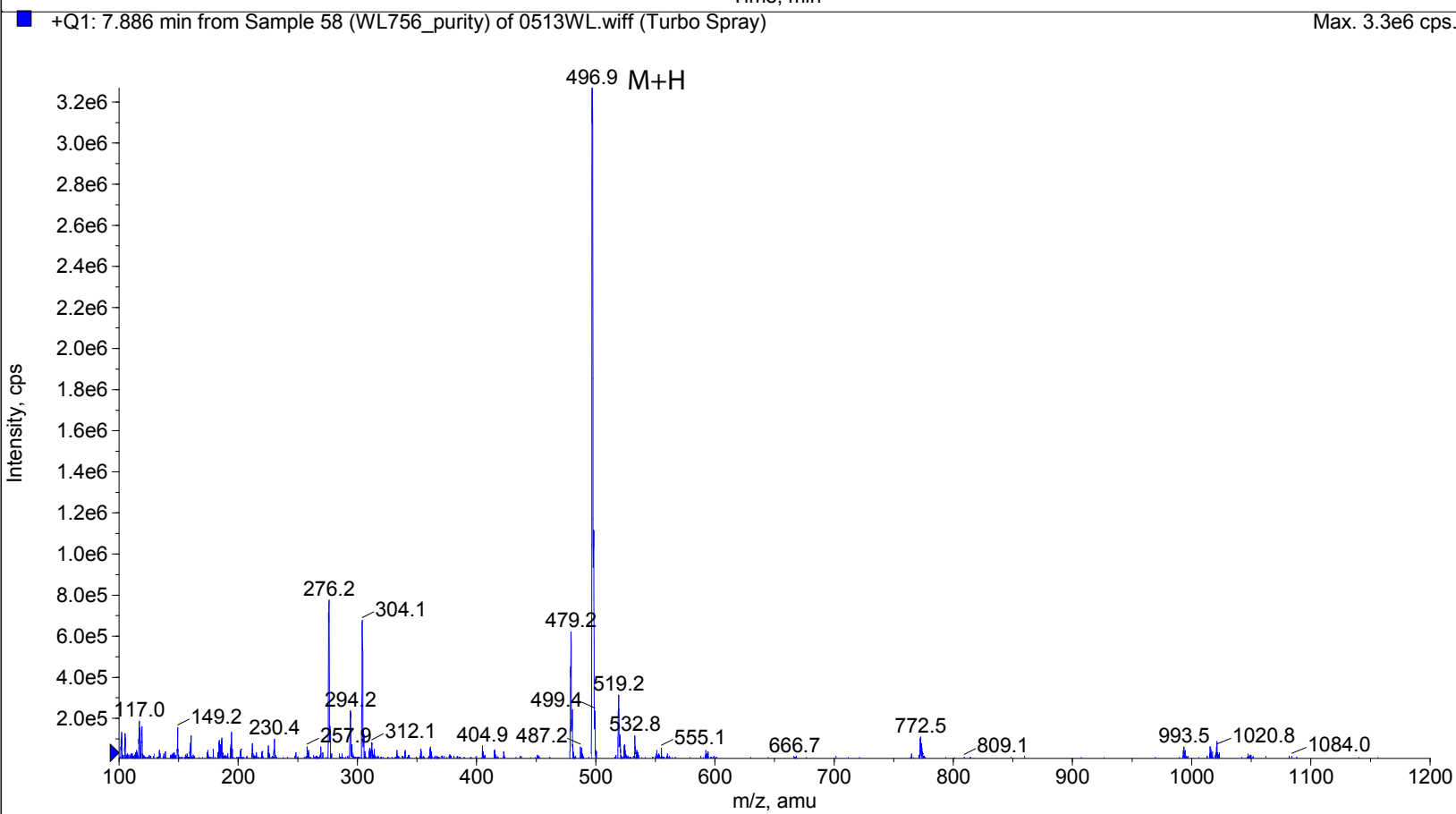
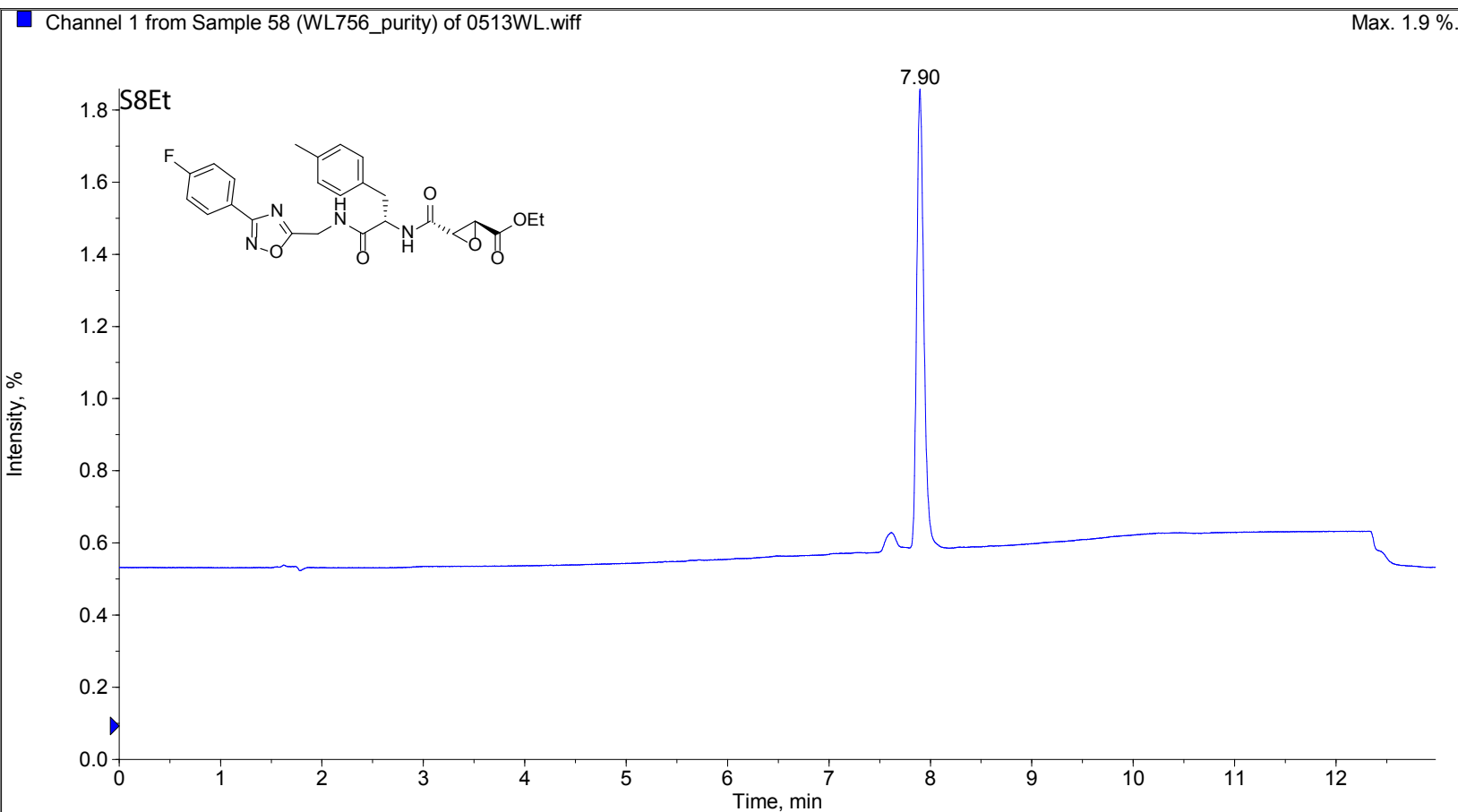
8.38
7.93
7.91
7.91
7.90
7.84
7.55
7.51
7.50
7.49
7.26
7.05
6.88
6.67
6.66
6.64

4.78
4.76
4.71
4.69
4.67
4.65
4.26
4.25
4.24
4.23
4.22
3.65
3.64
3.13
3.11
3.10
3.08
3.05
3.05
3.03
3.01
2.99

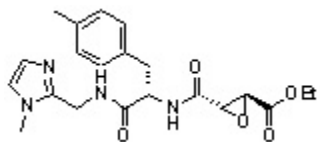
2.22
1.63
1.32
1.30
1.28







S9Et



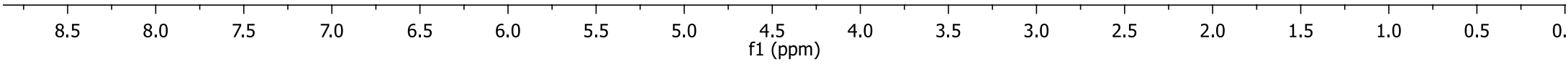
7.52
7.52
7.50
7.49
7.12
7.10
7.06
7.04

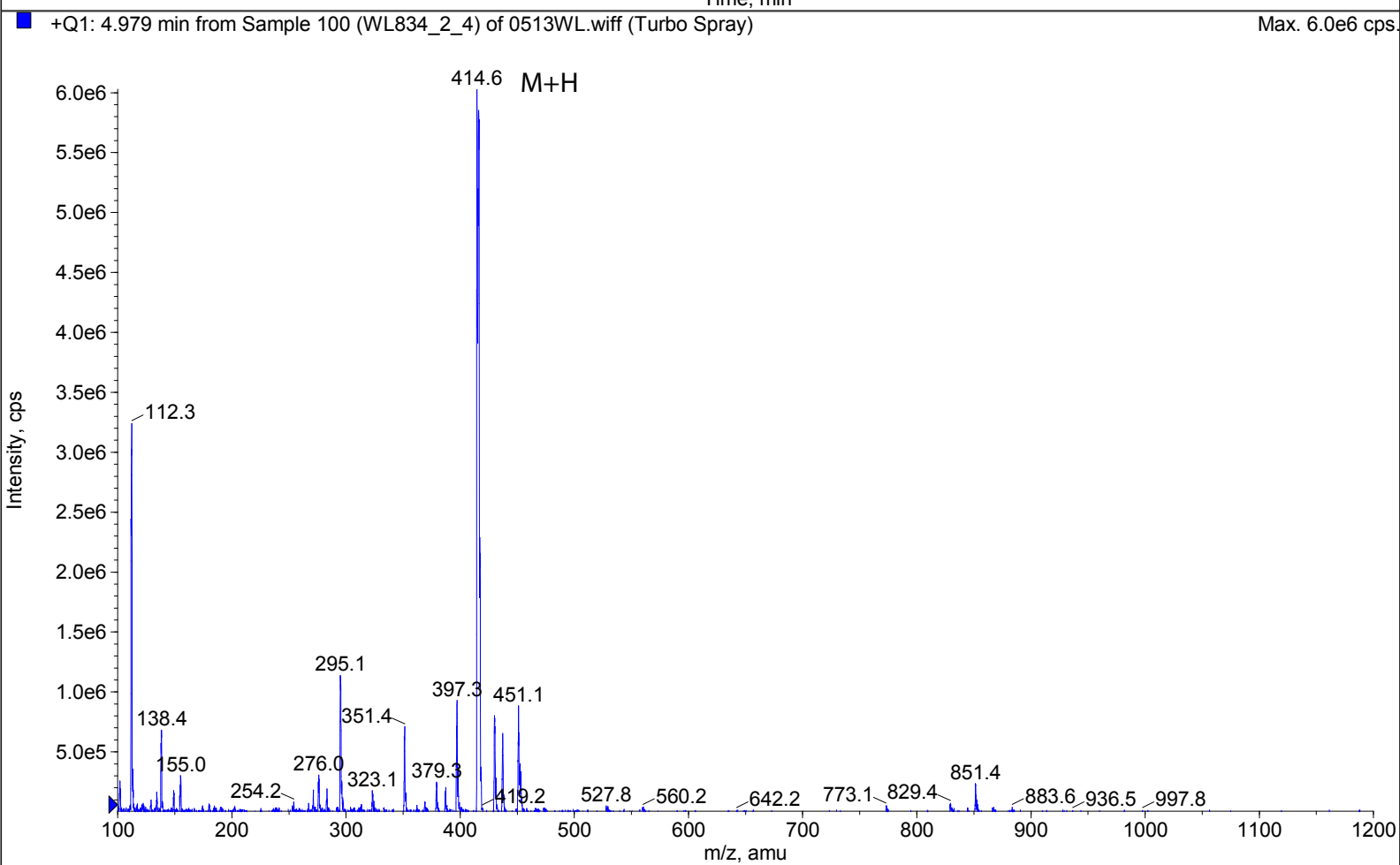
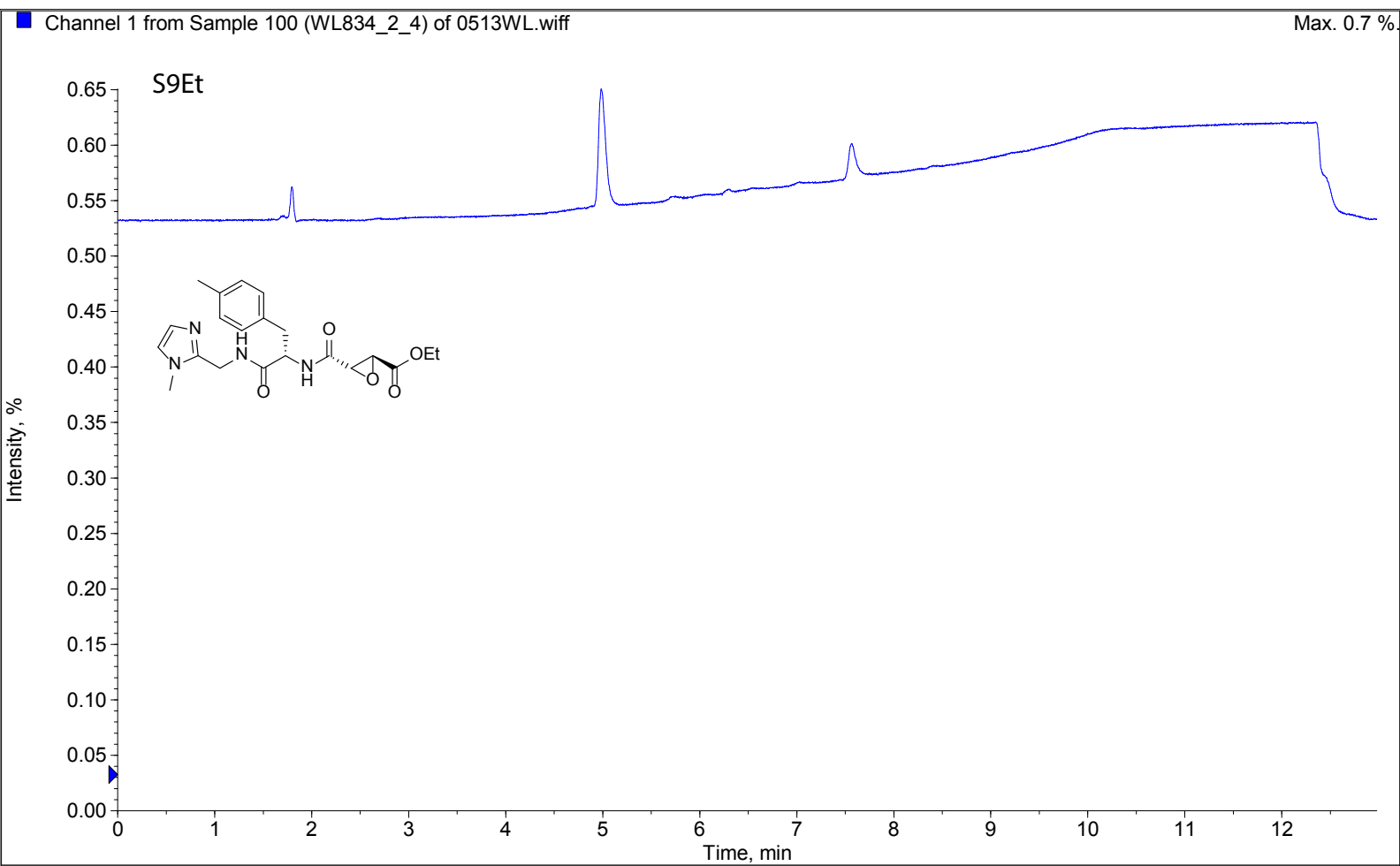
4.59
4.58
4.58
4.57
4.57
4.55

4.27
4.26
4.25
4.25
4.23
3.76
3.61
3.61

3.29
3.29
3.13
3.11
3.09
3.08
2.95
2.93
2.92
2.91

1.33
1.31
1.30





WL1031H
Std proton

7.37
7.37
7.36
7.36
7.35
7.28
7.26
7.25
7.23
7.07
7.06

5.87

4.80
4.79
4.77
4.76

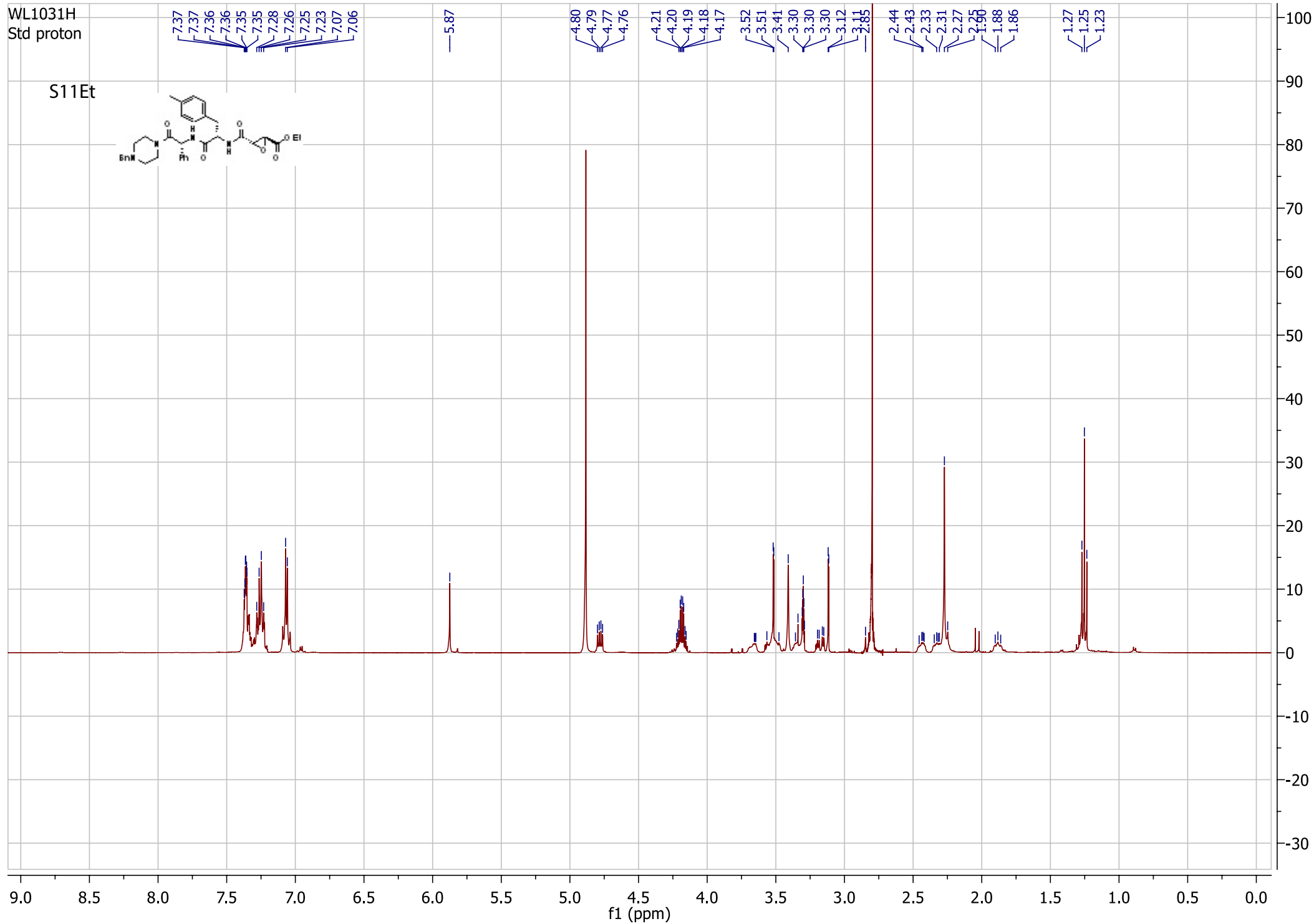
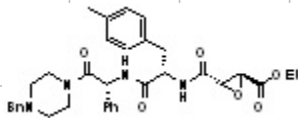
4.21
4.20
4.19
4.18
4.17

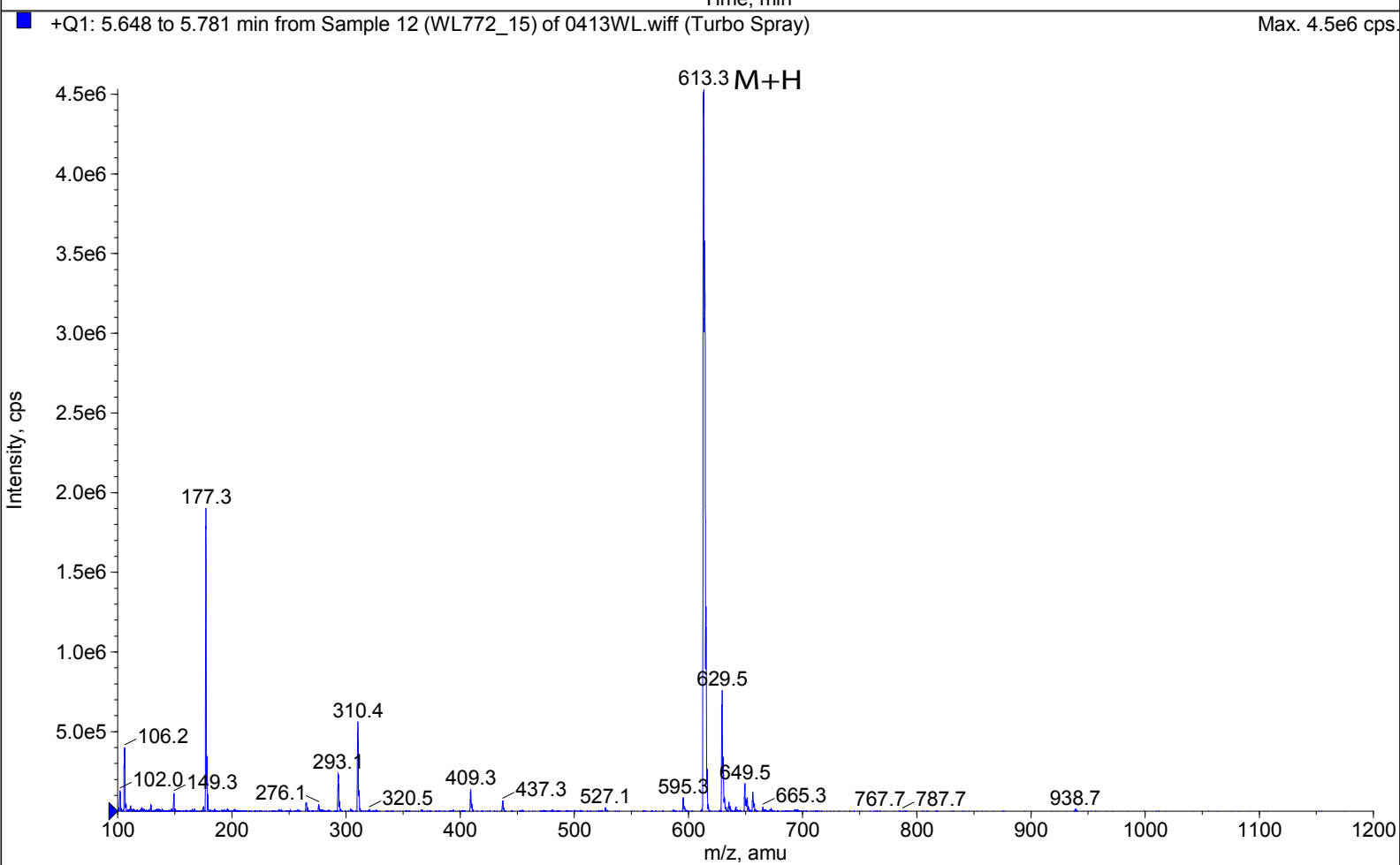
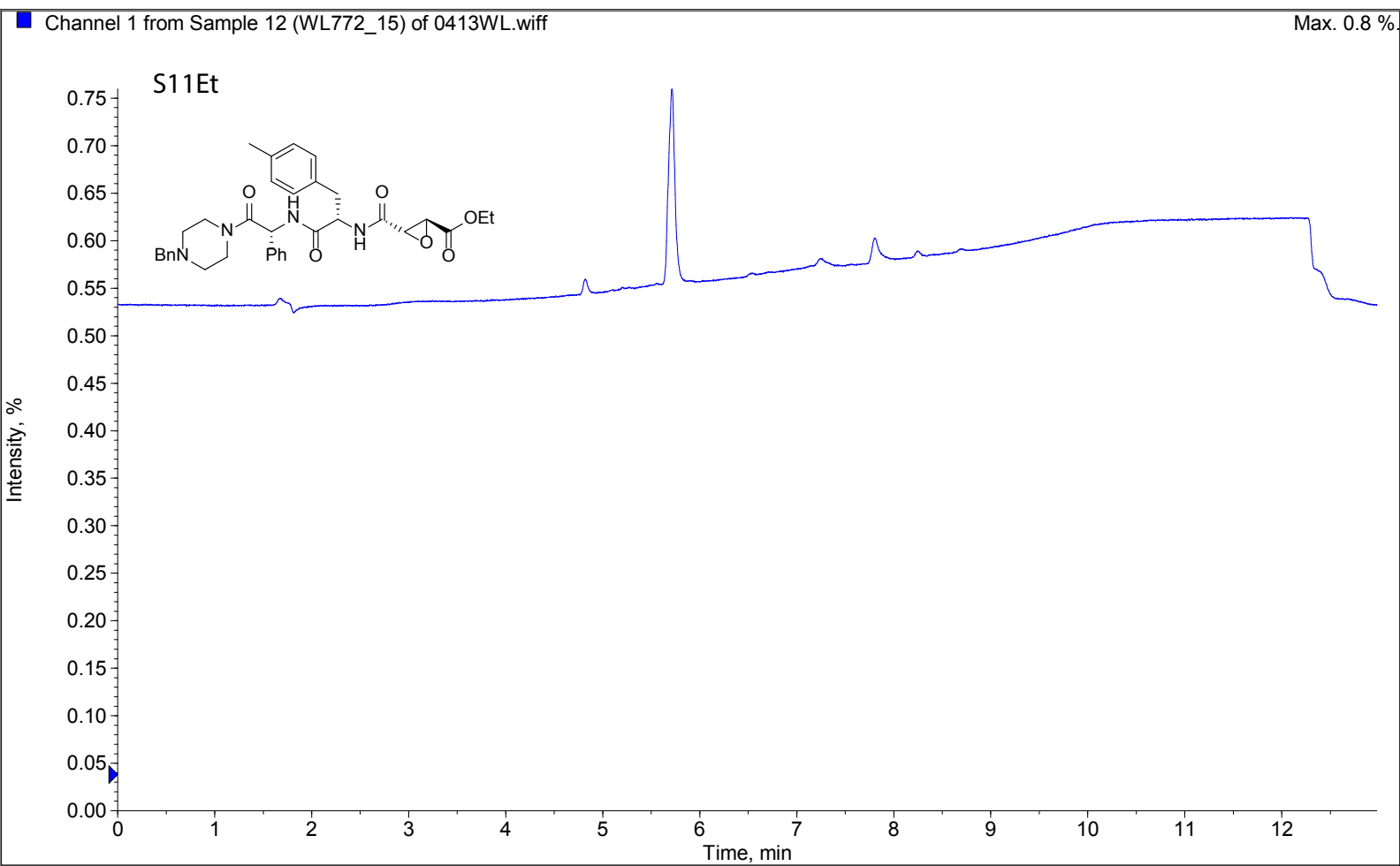
3.52
3.51
3.41
3.30
3.30
3.30
3.12
3.11
3.05

2.44
2.43
2.33
2.31
2.27
2.25
1.96
1.88
1.86

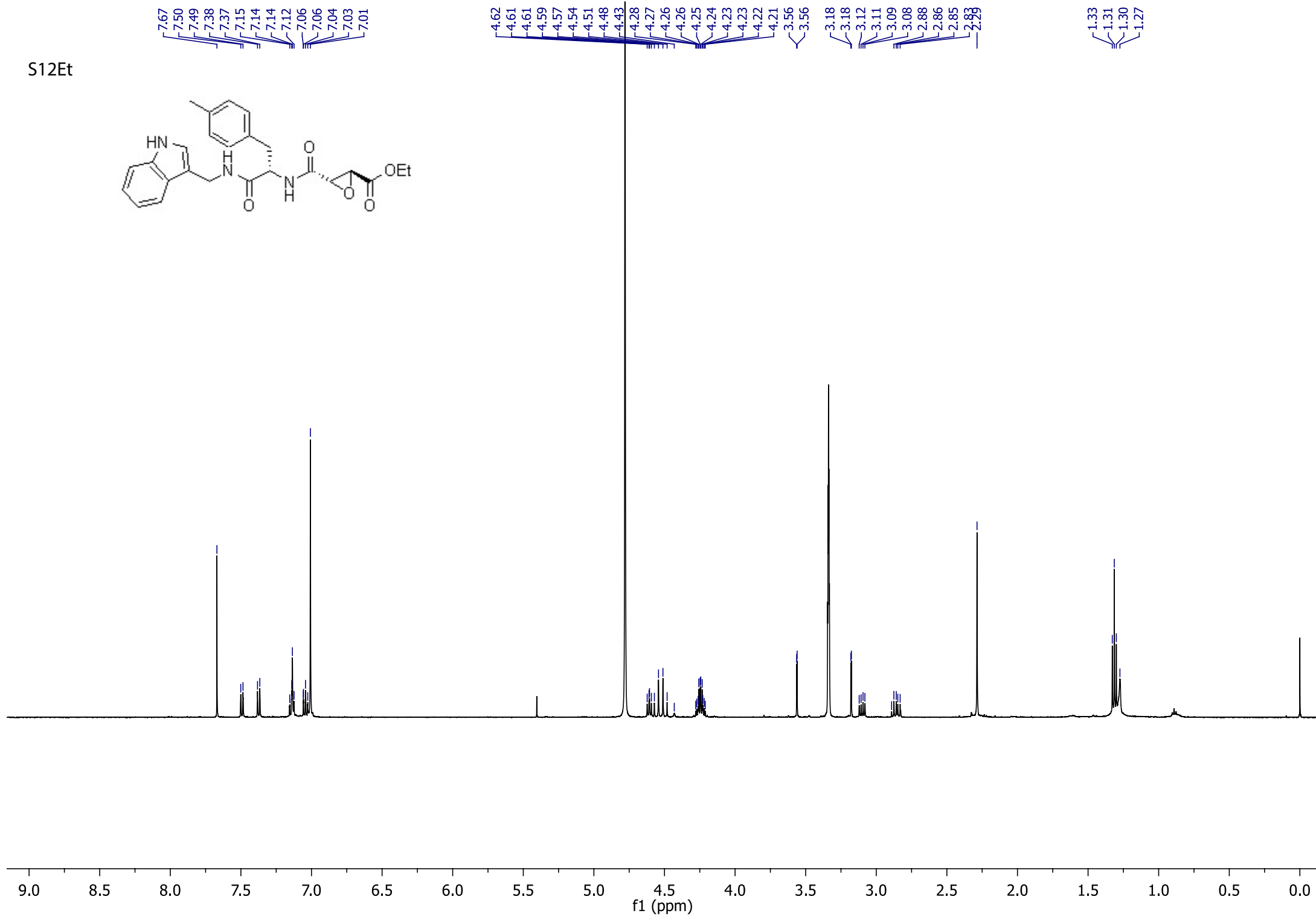
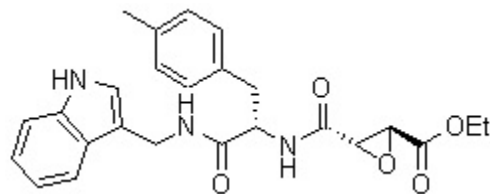
1.27
1.25
1.23

S11Et



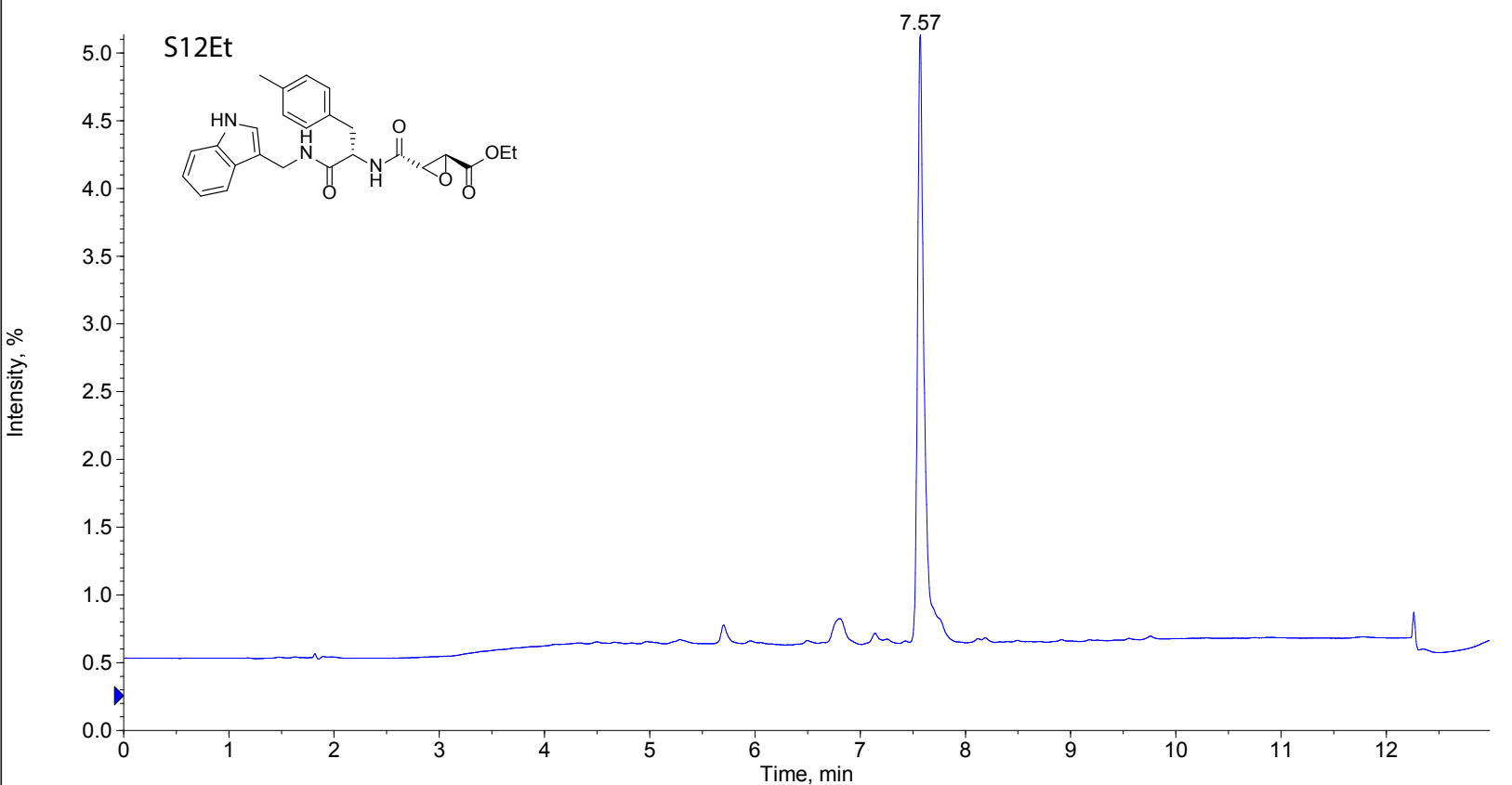


S12Et



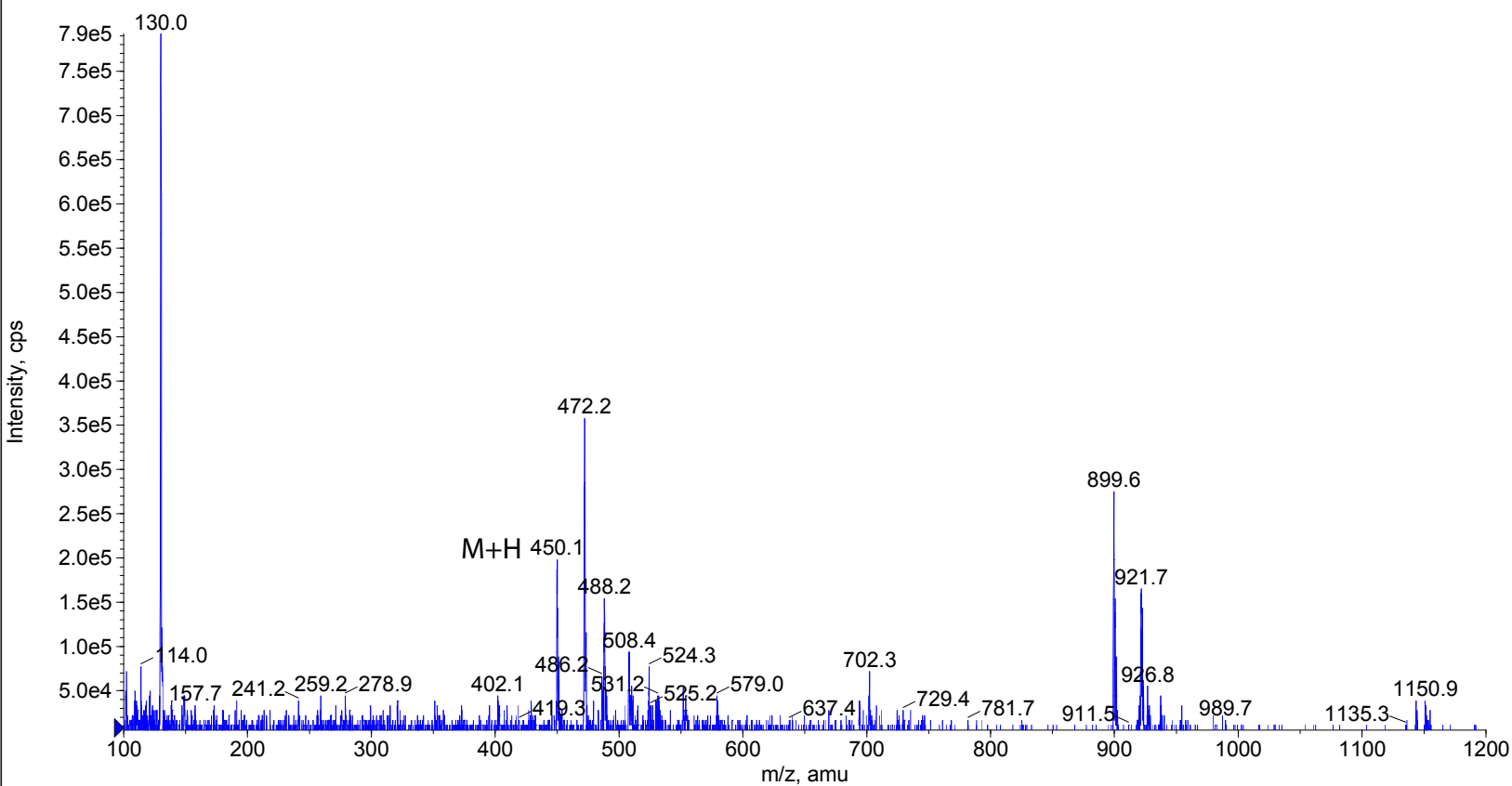
Channel 1 from Sample 43 (WL773) of 0113WL.wiff

Max. 5.1 %

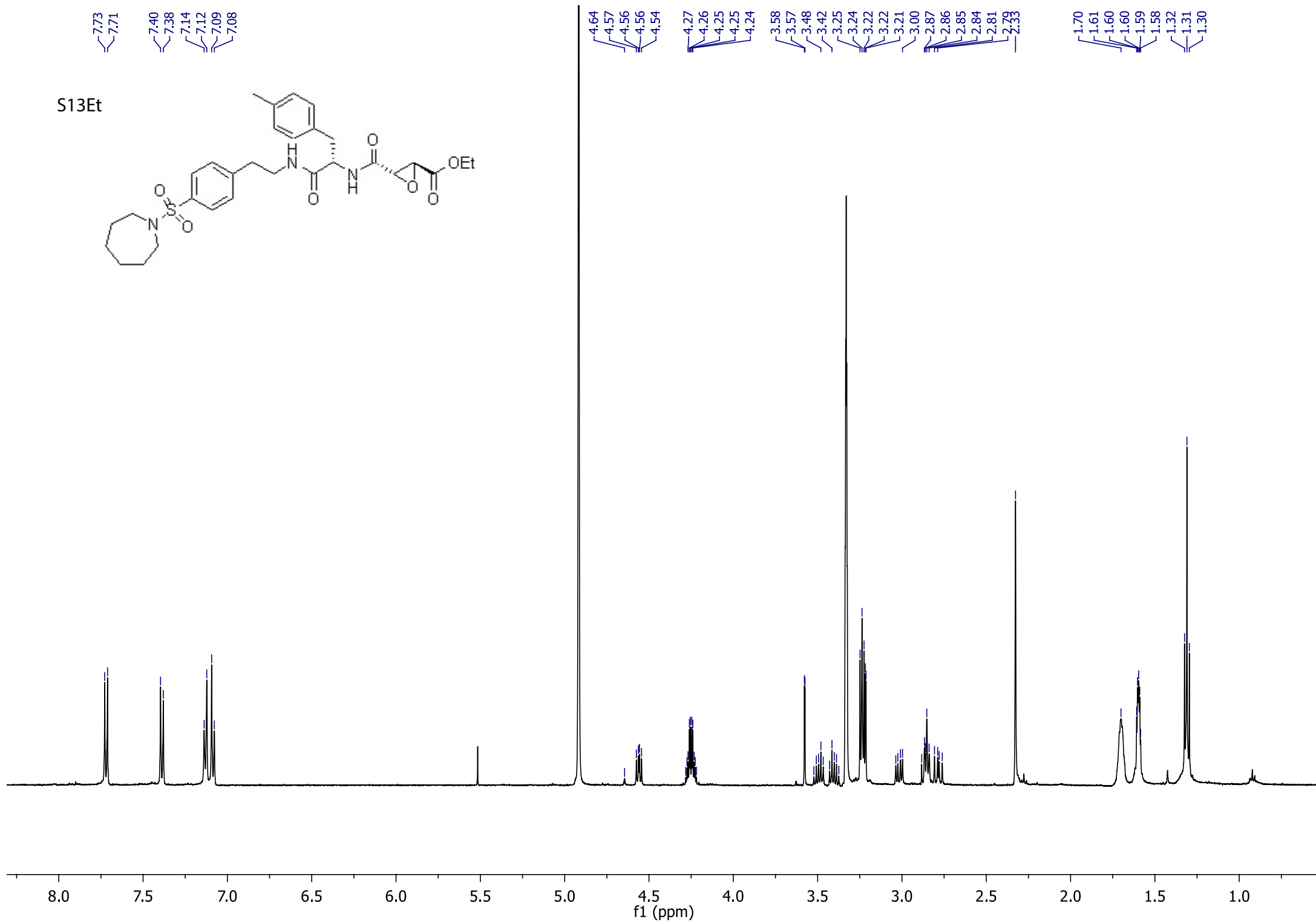
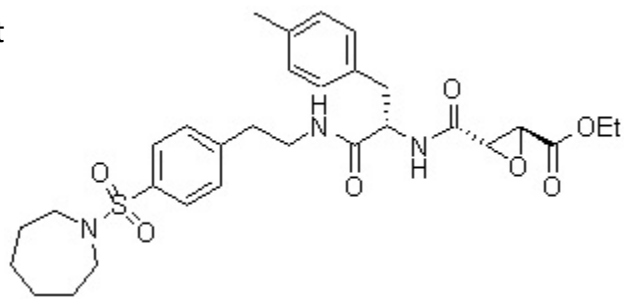


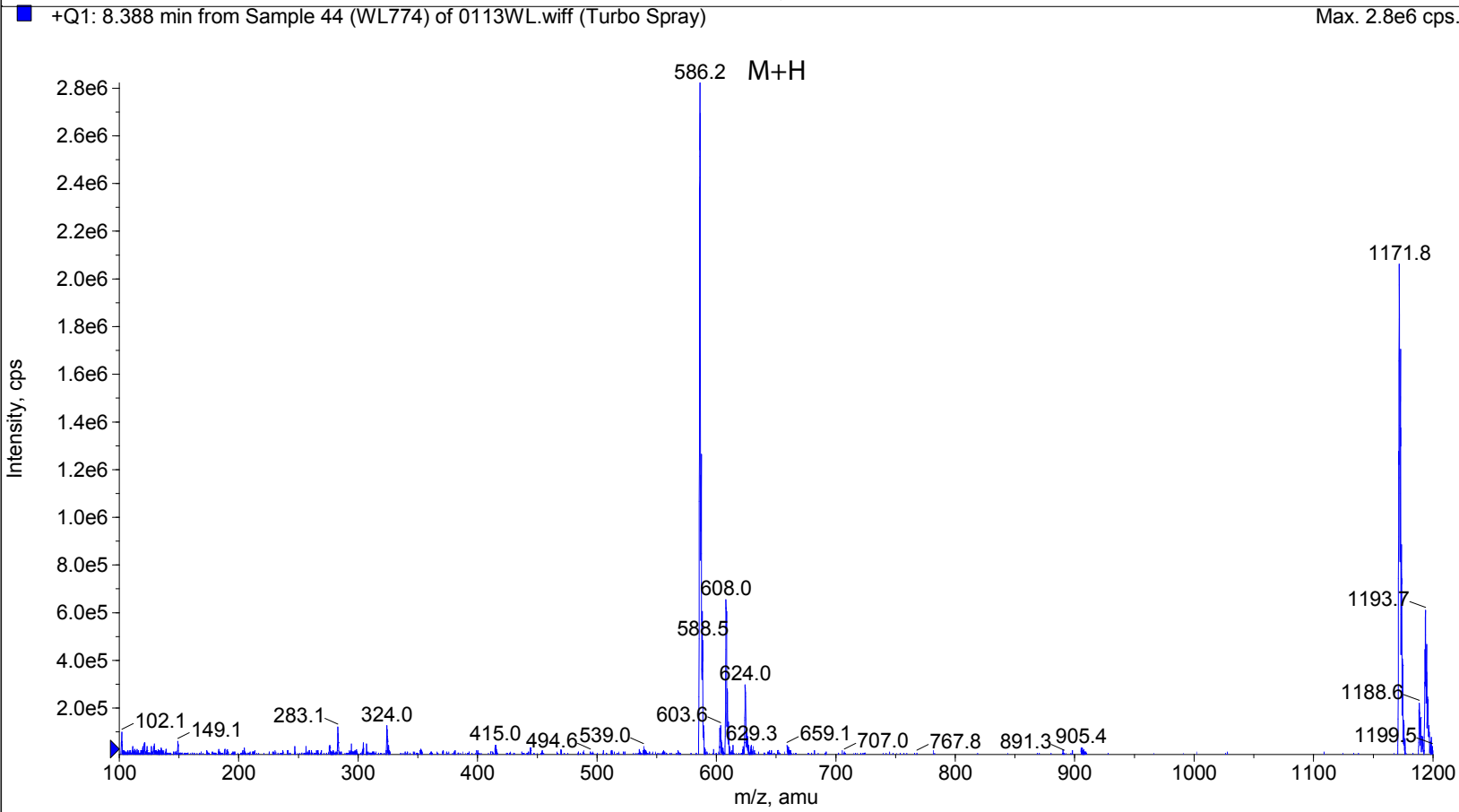
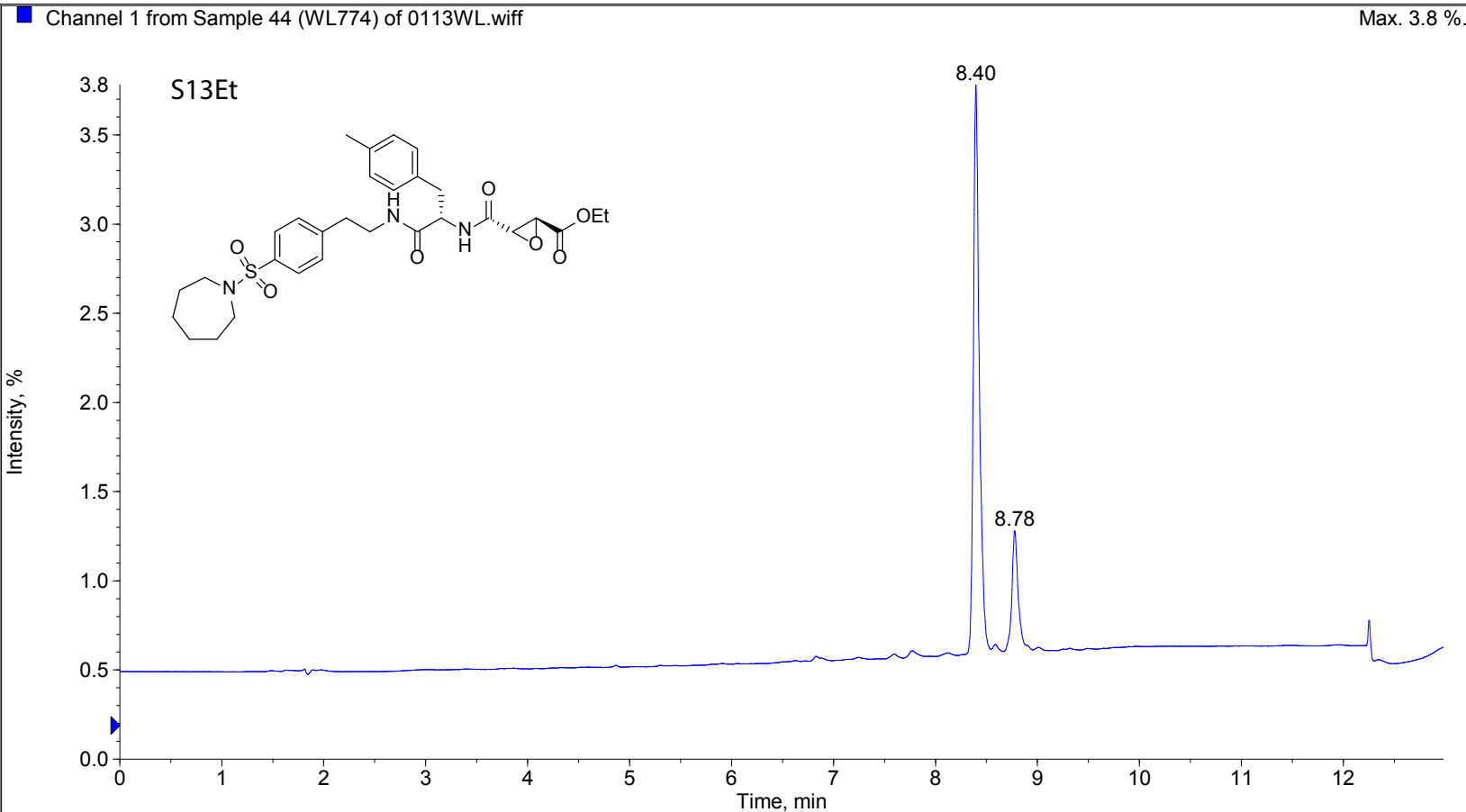
+Q1: 7.552 min from Sample 43 (WL773) of 0113WL.wiff (Turbo Spray)

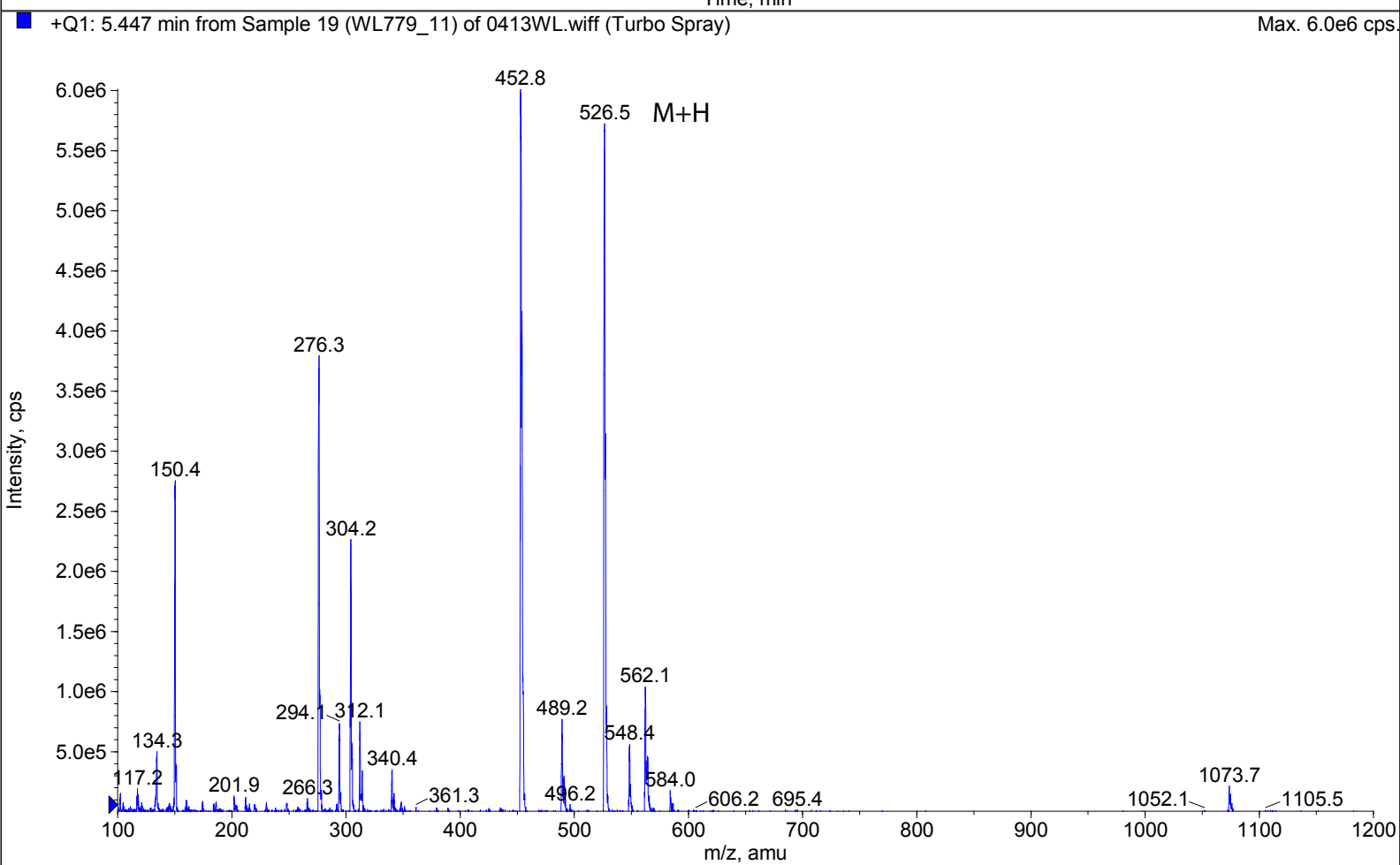
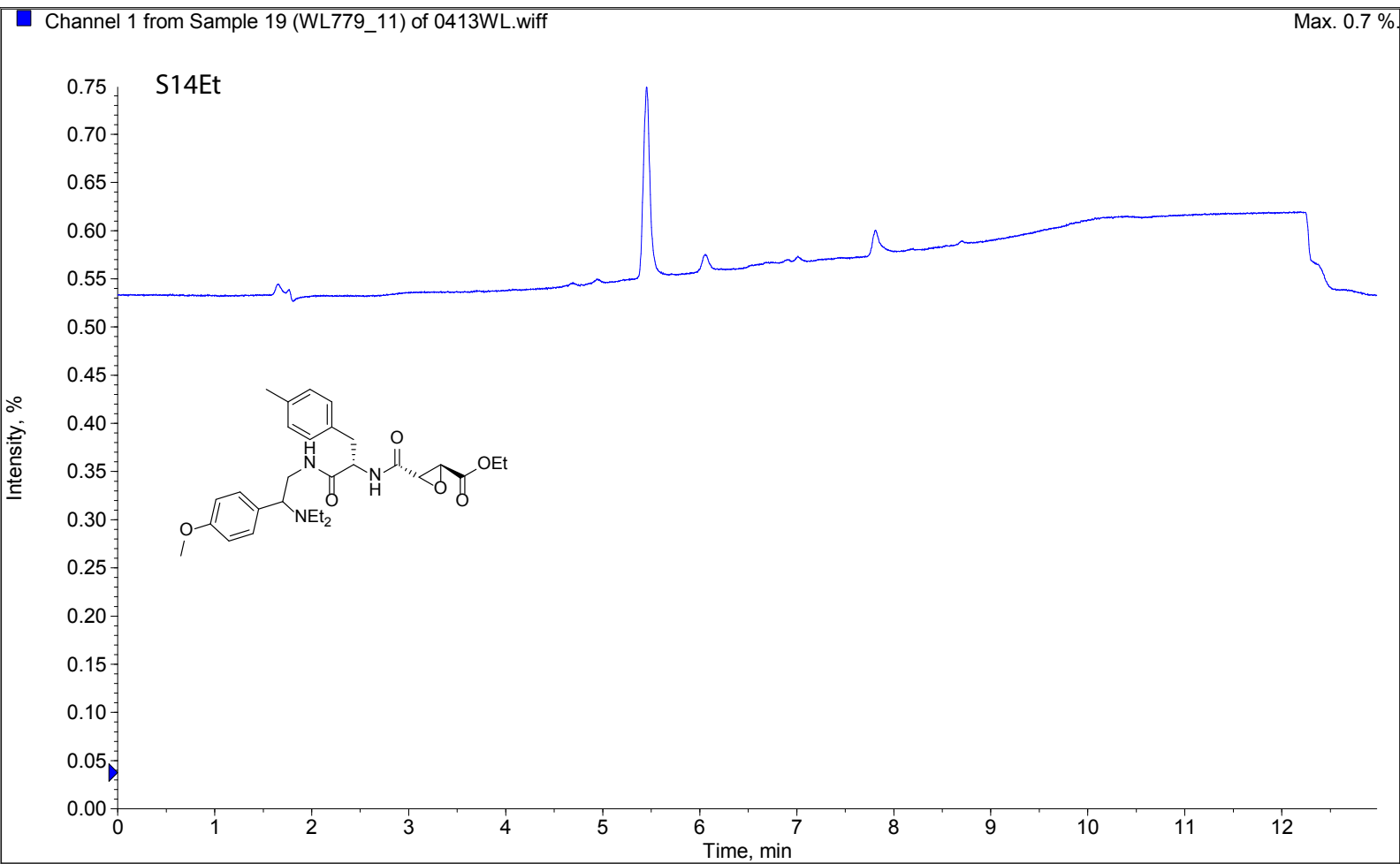
Max. 7.9e5 cps



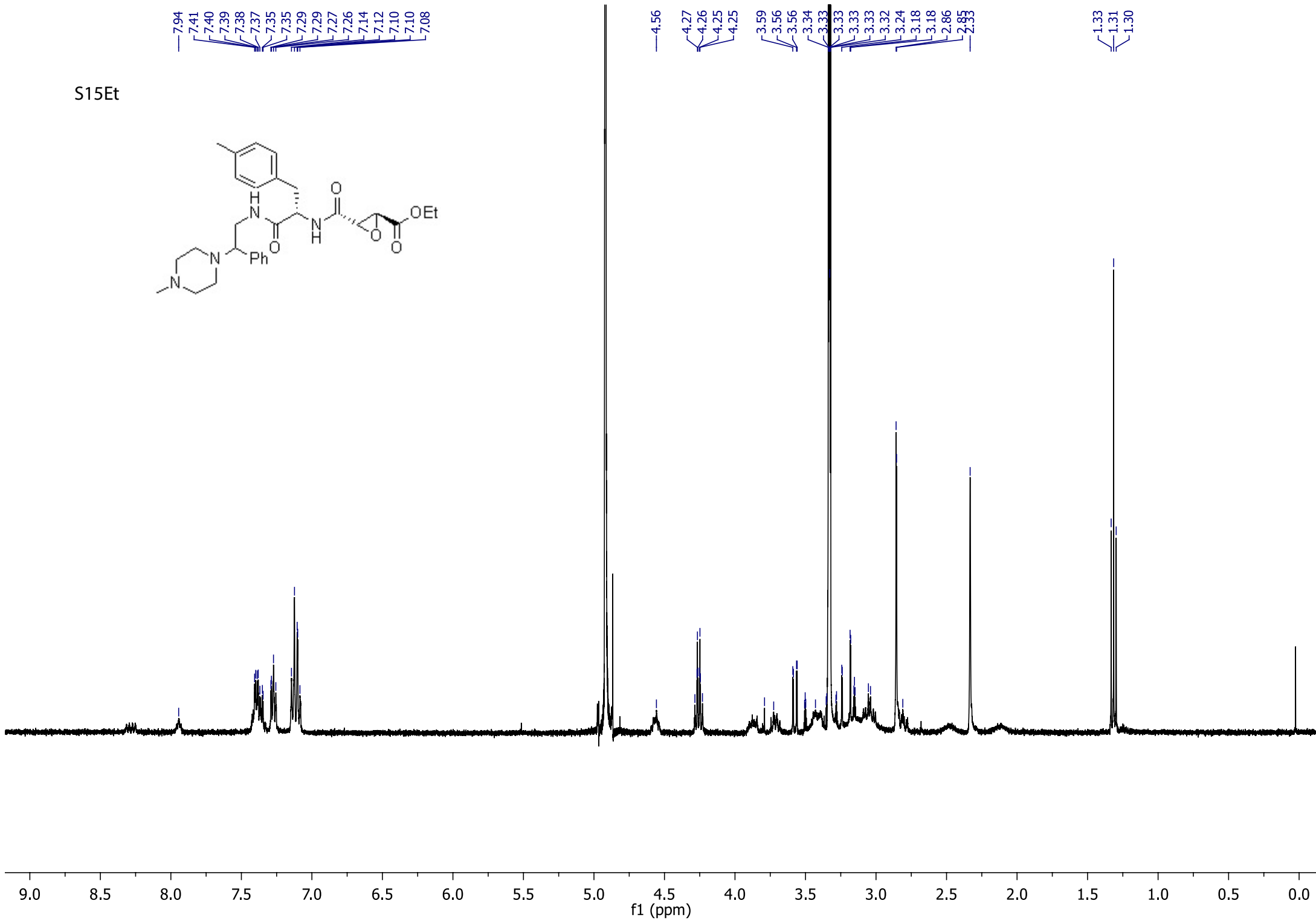
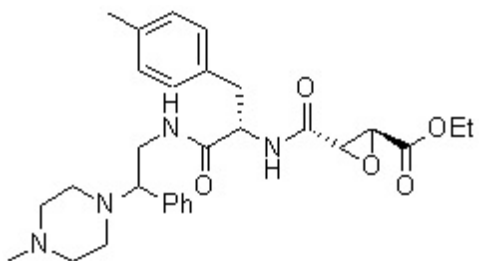
S13Et

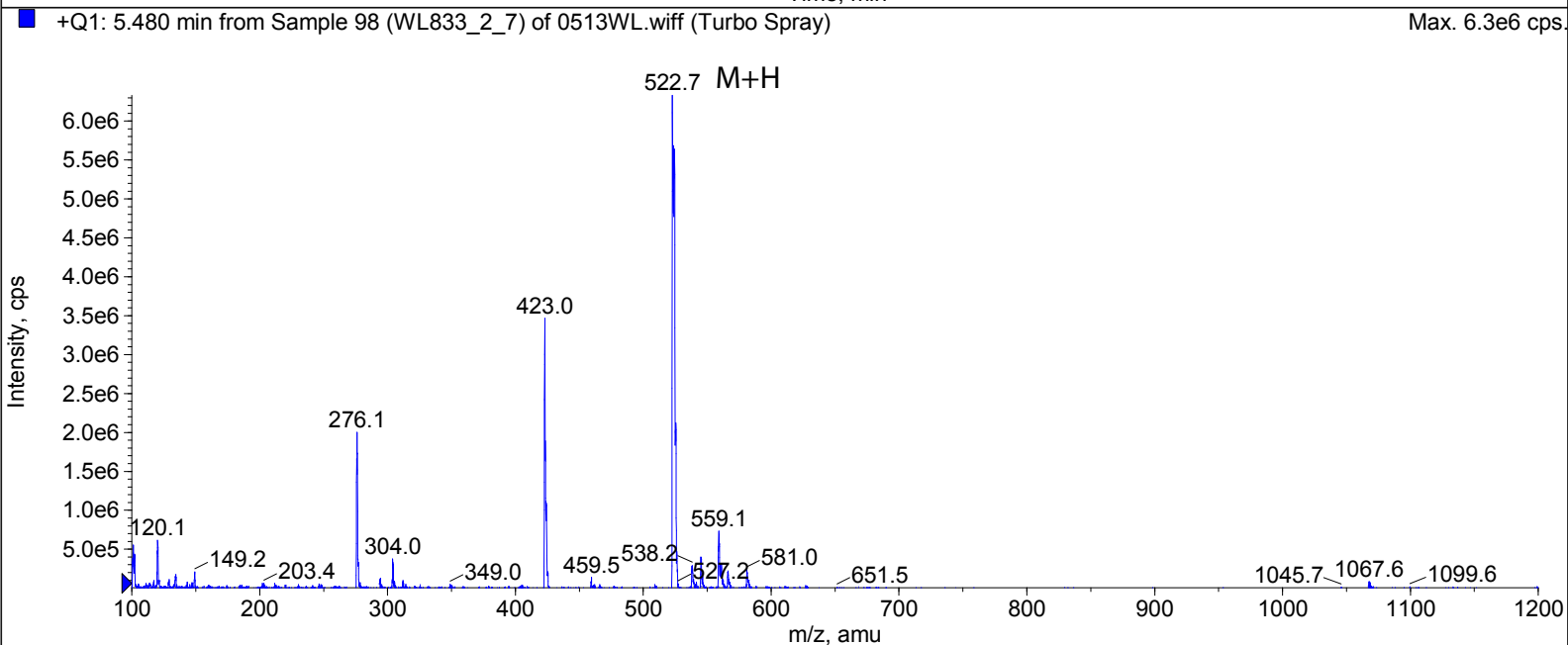
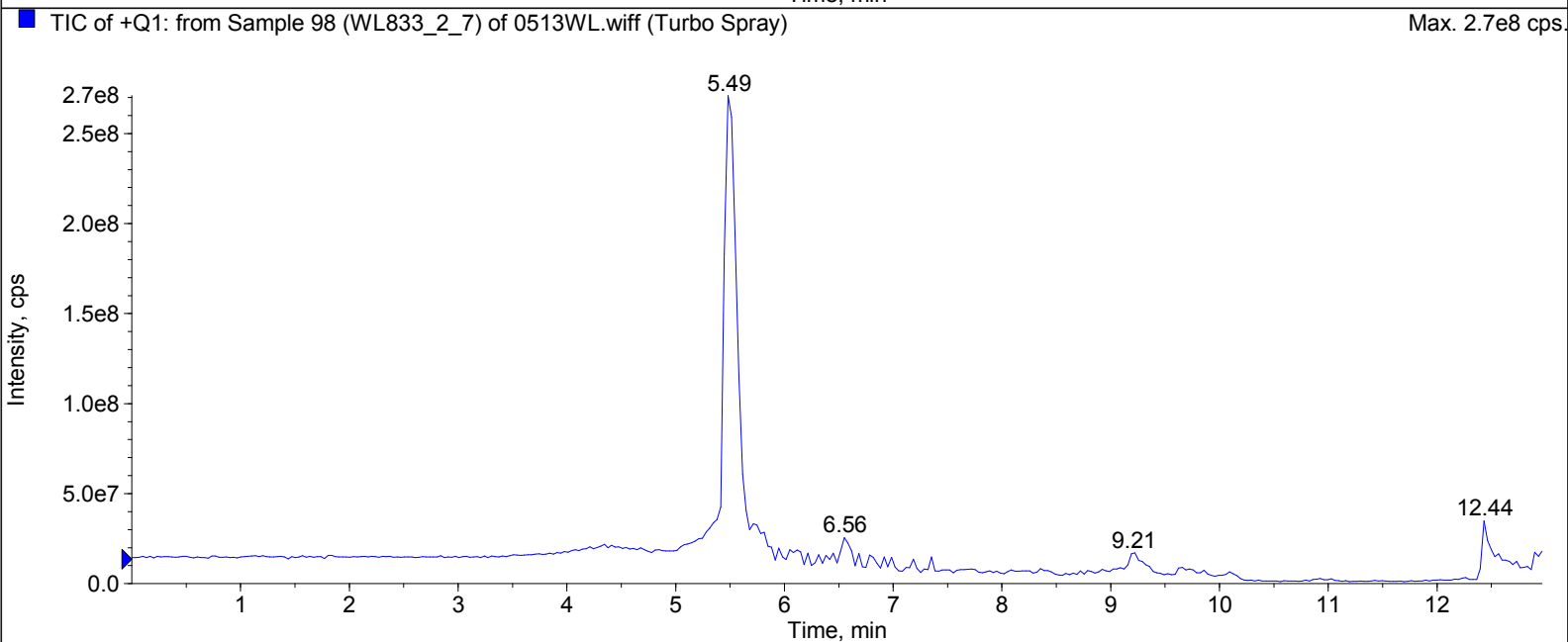
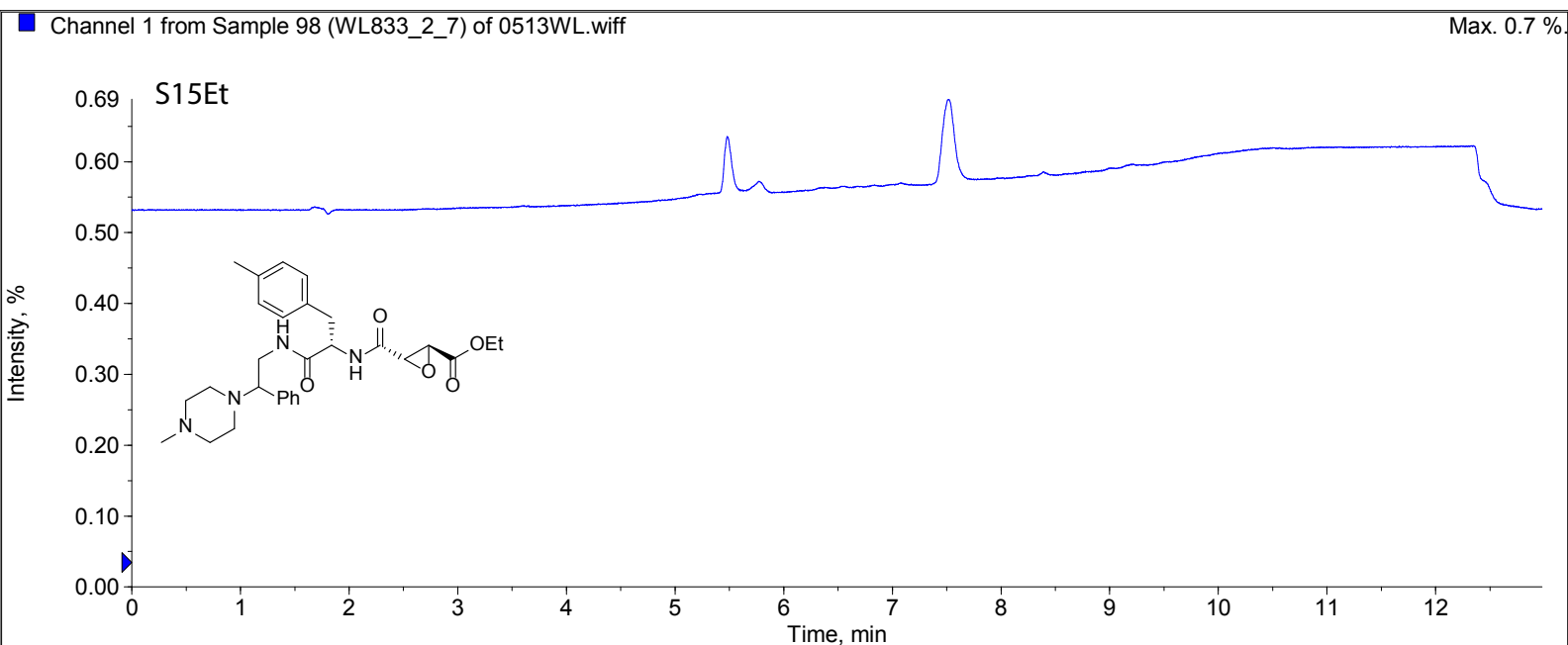




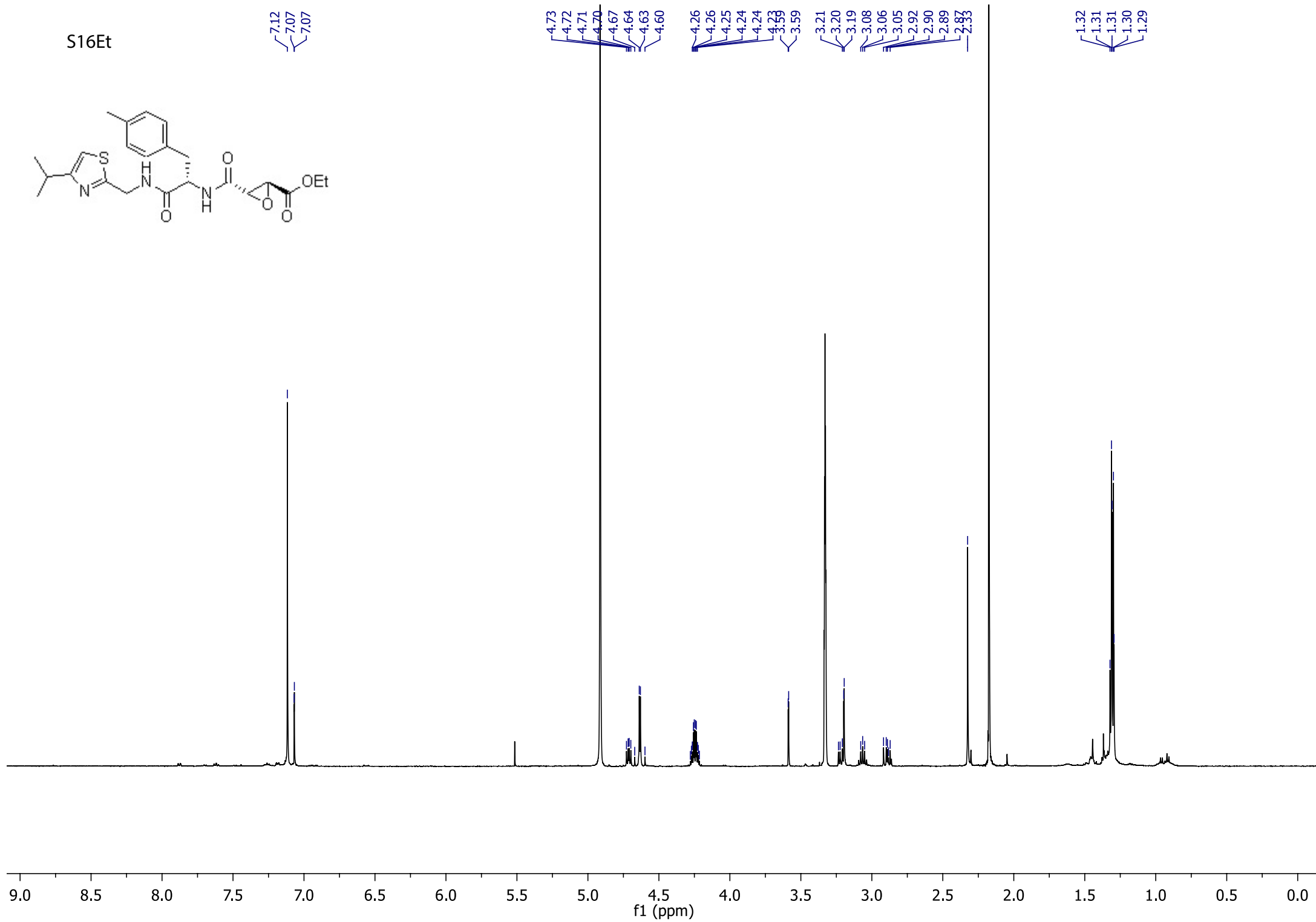
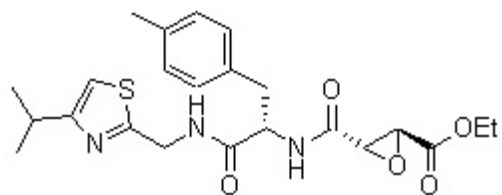


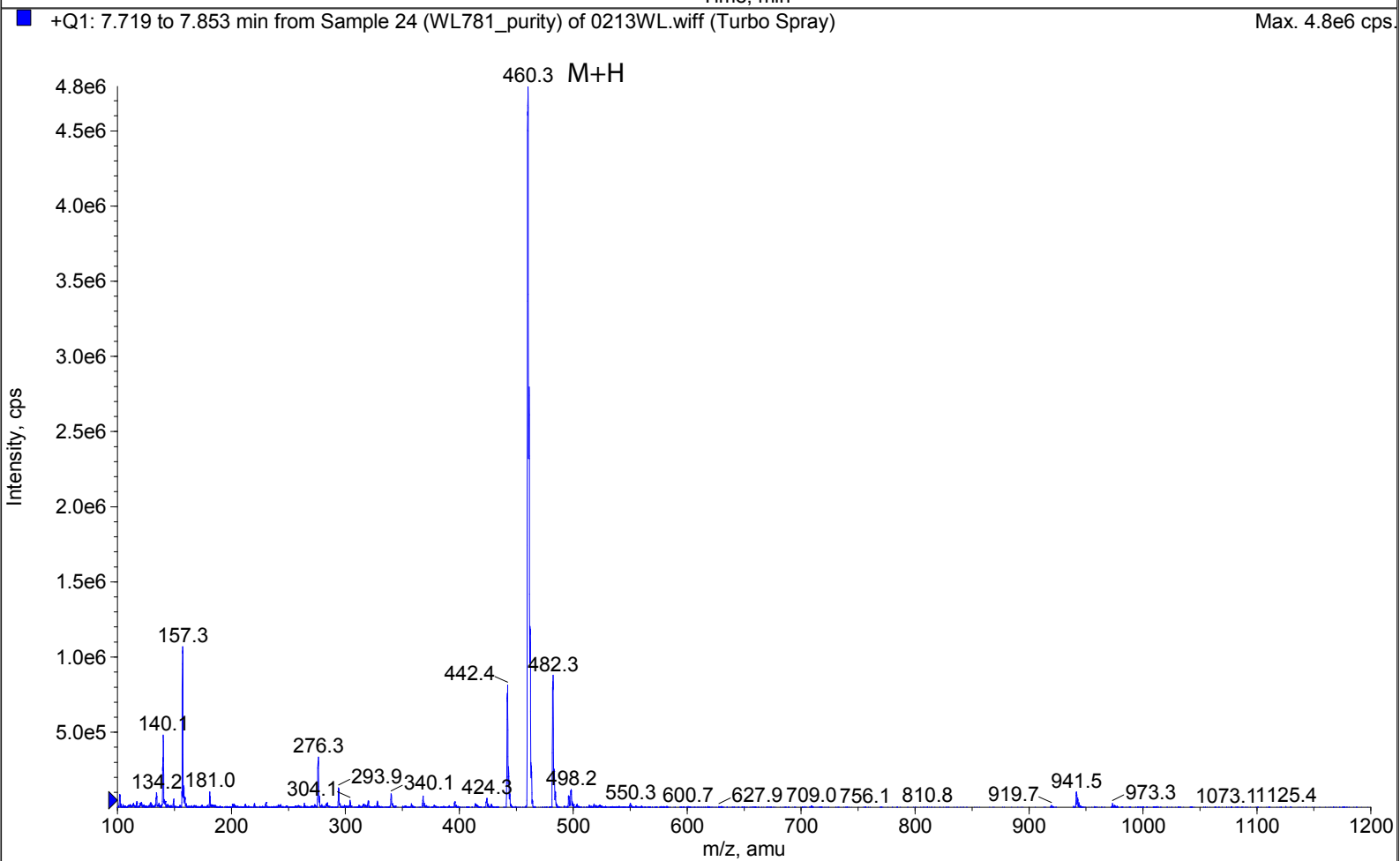
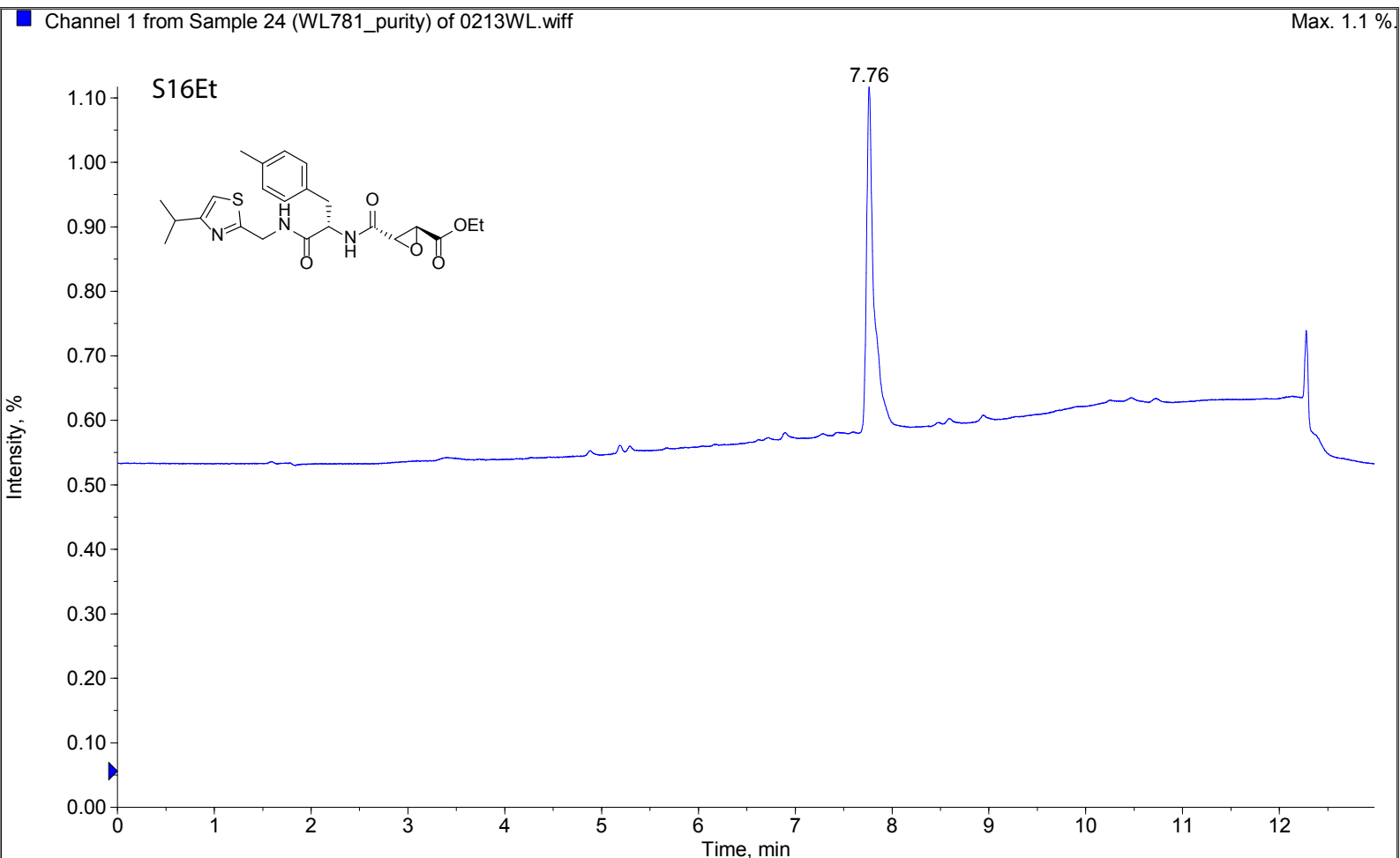
S15Et



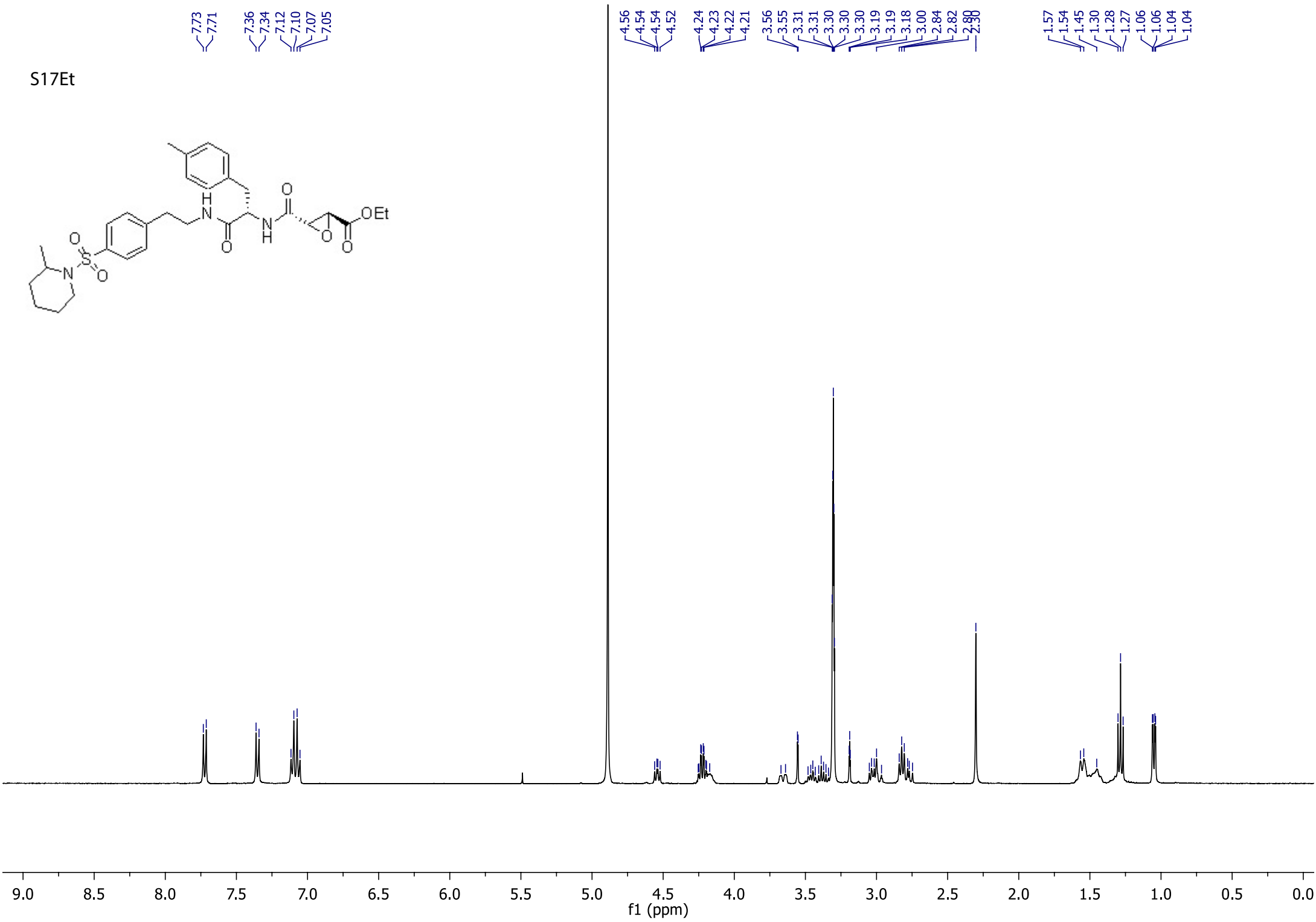
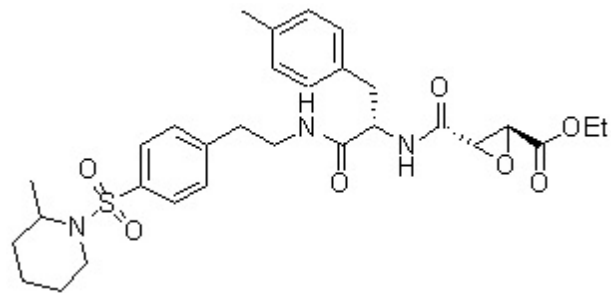


S16Et



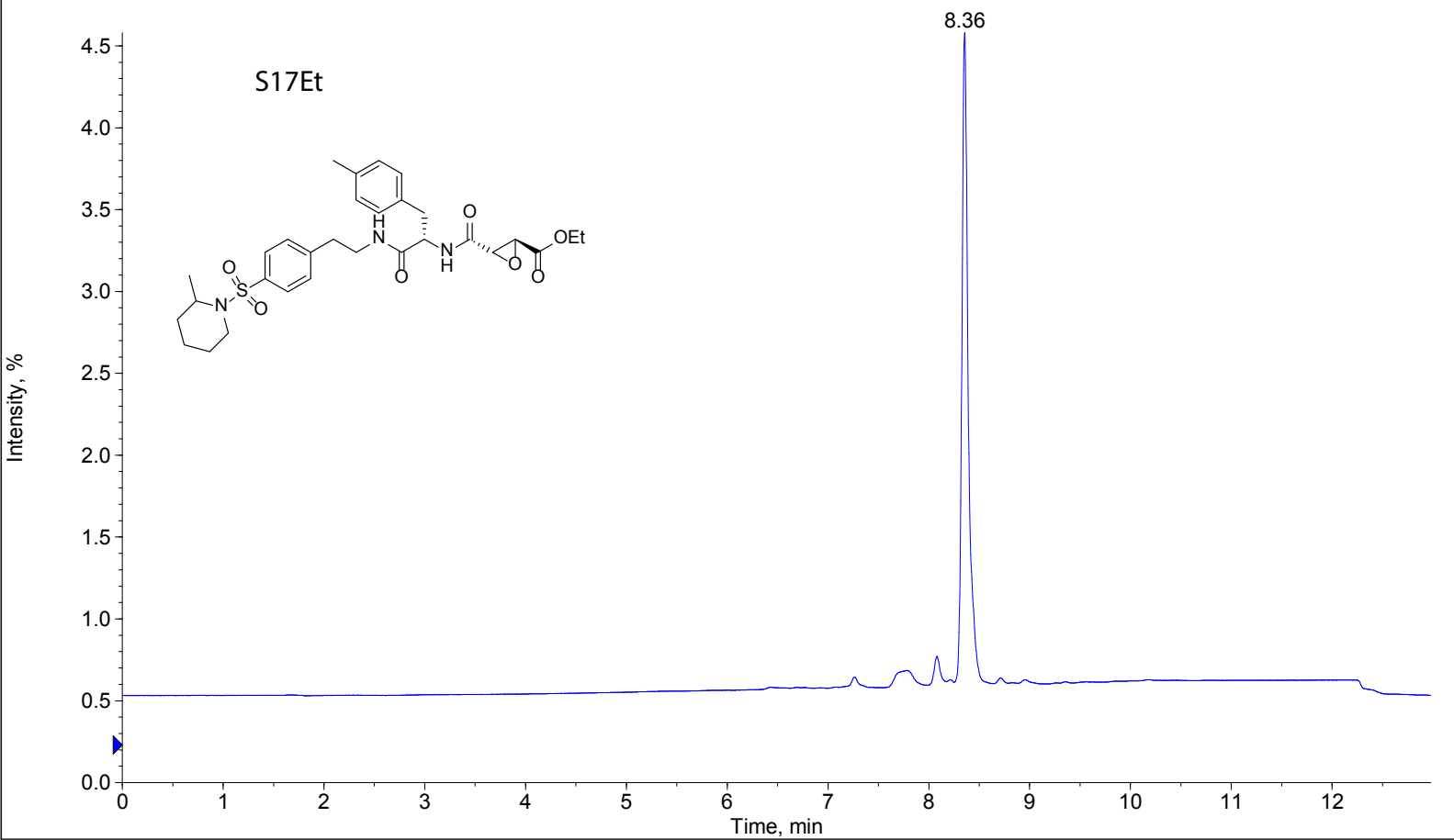


S17Et



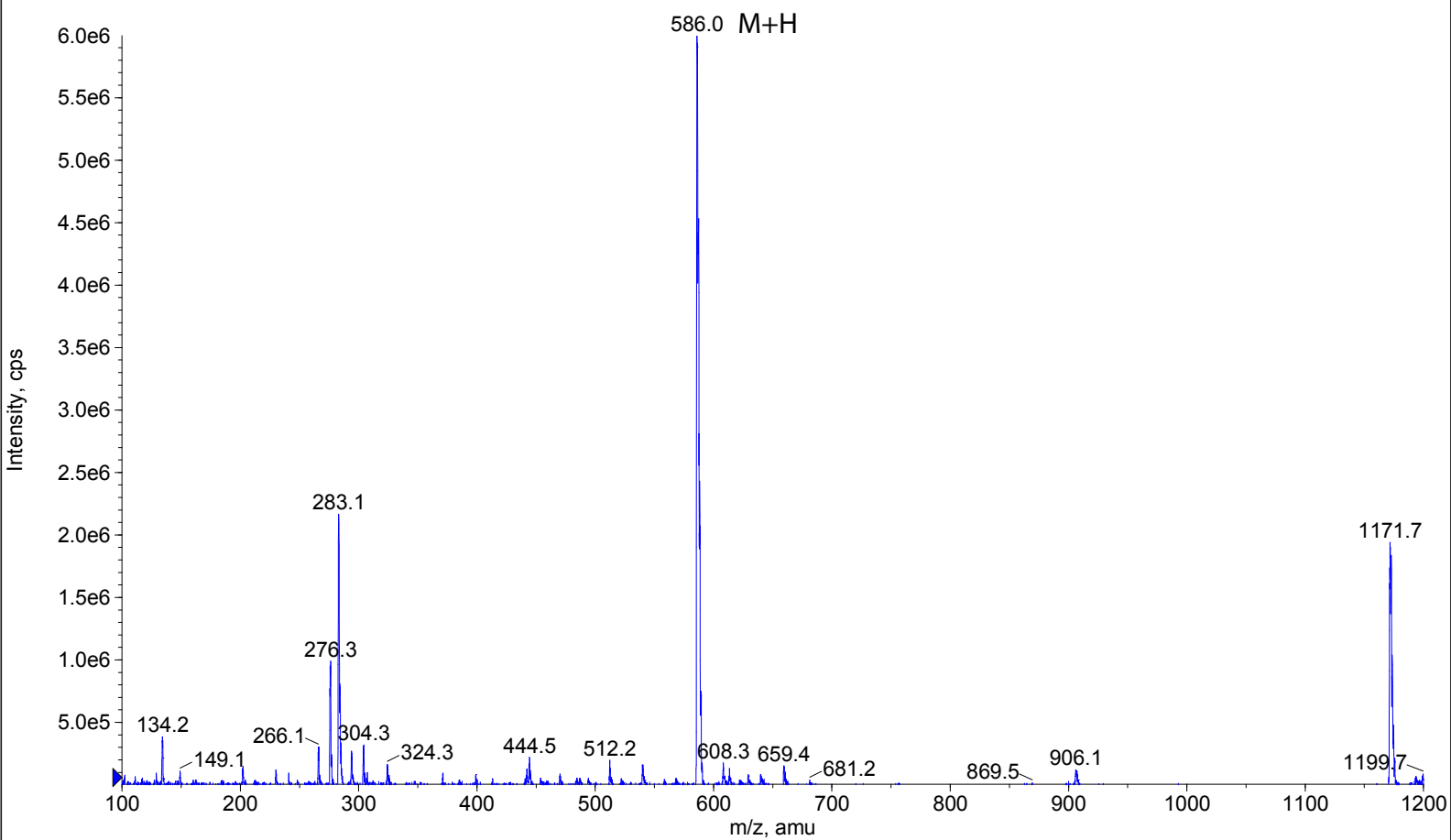
Channel 1 from Sample 38 (WL812_purity) of 0413WL.wiff

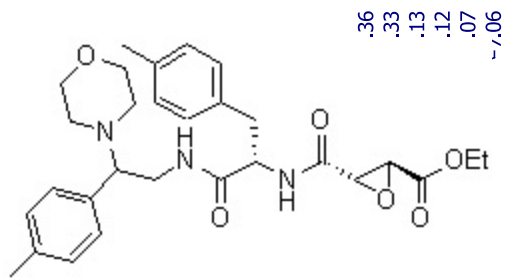
Max. 4.6 %



+Q1: 8.354 min from Sample 38 (WL812_purity) of 0413WL.wiff (Turbo Spray)

Max. 6.0e6 cps



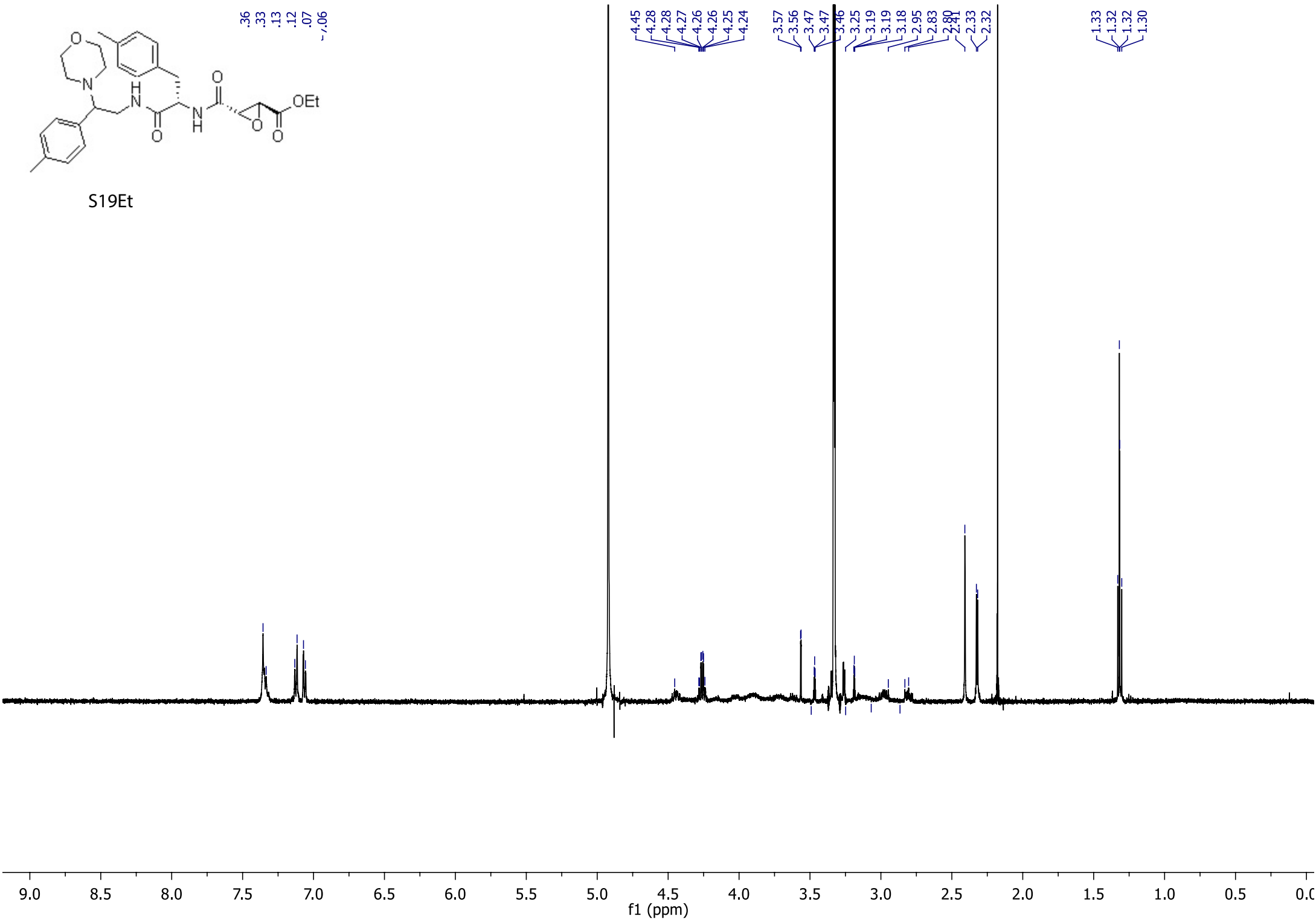


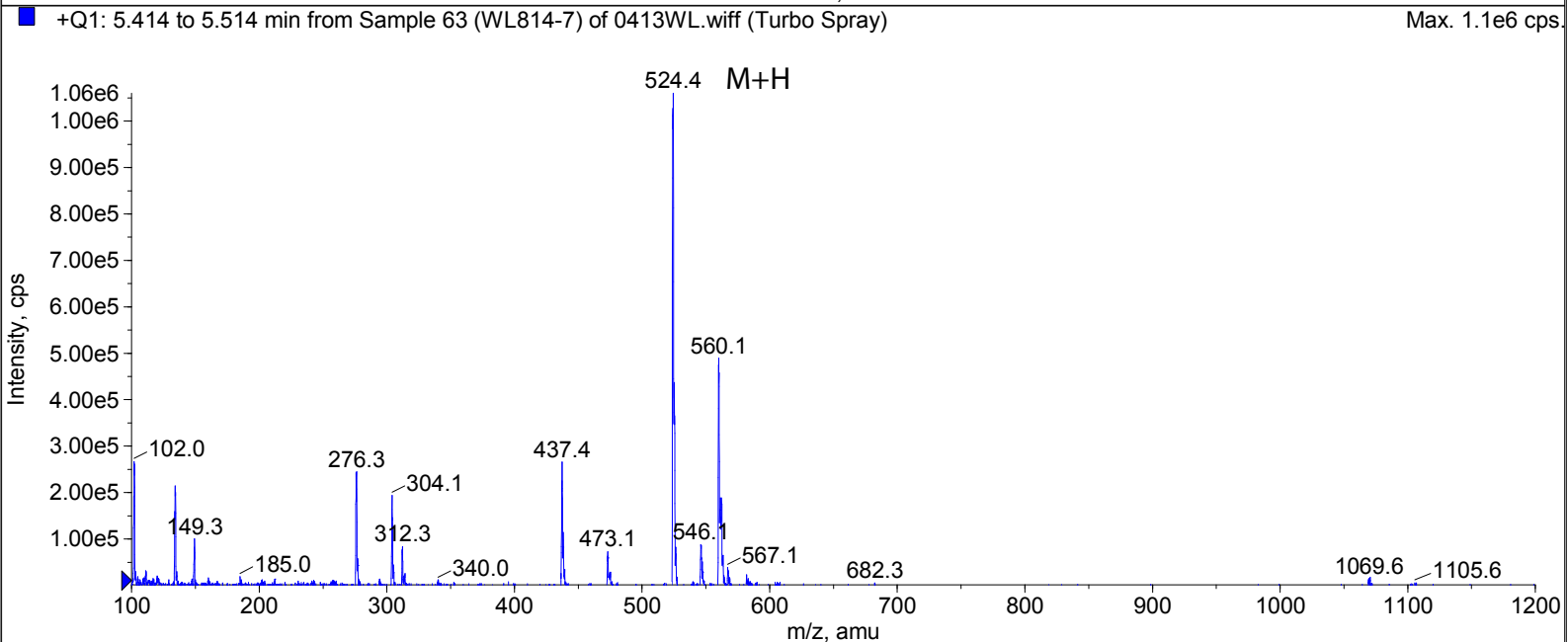
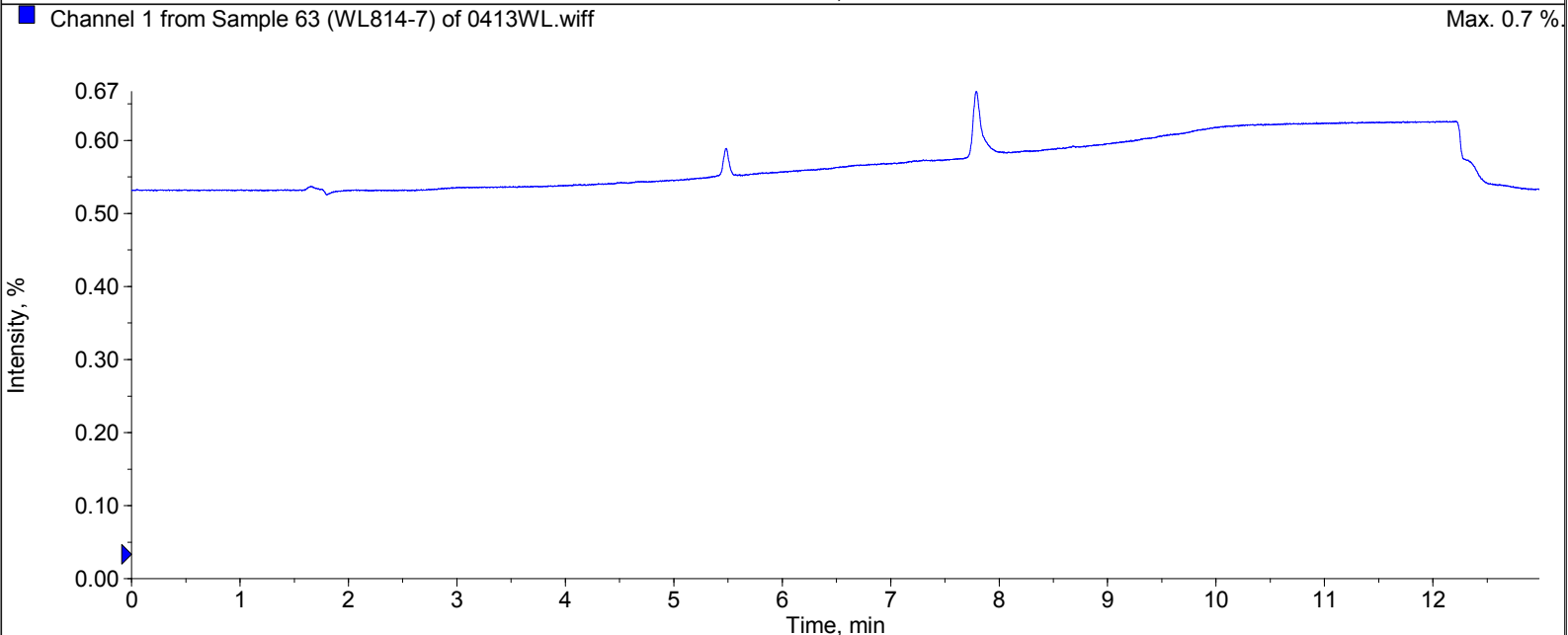
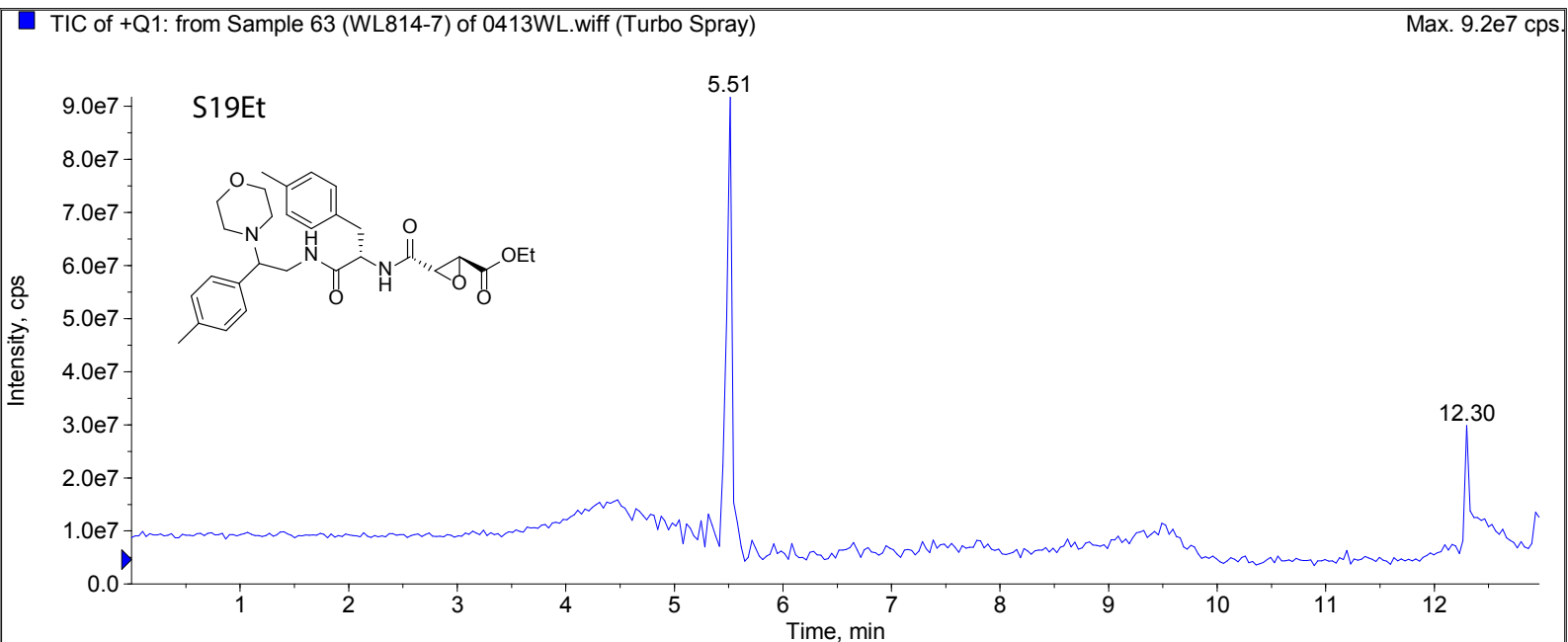
S19Et

.36
.33
.13
.12
.07
-1.06

4.45
4.28
4.28
4.27
4.26
4.26
4.25
4.24
3.57
3.56
3.47
3.47
3.46
3.25
3.19
3.19
3.18
2.95
2.83
2.80
2.80
2.33
2.32

1.33
1.32
1.32
1.30

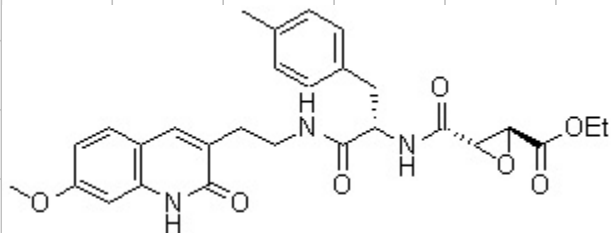




WL815two

STANDARD PROTON PARAMETERS

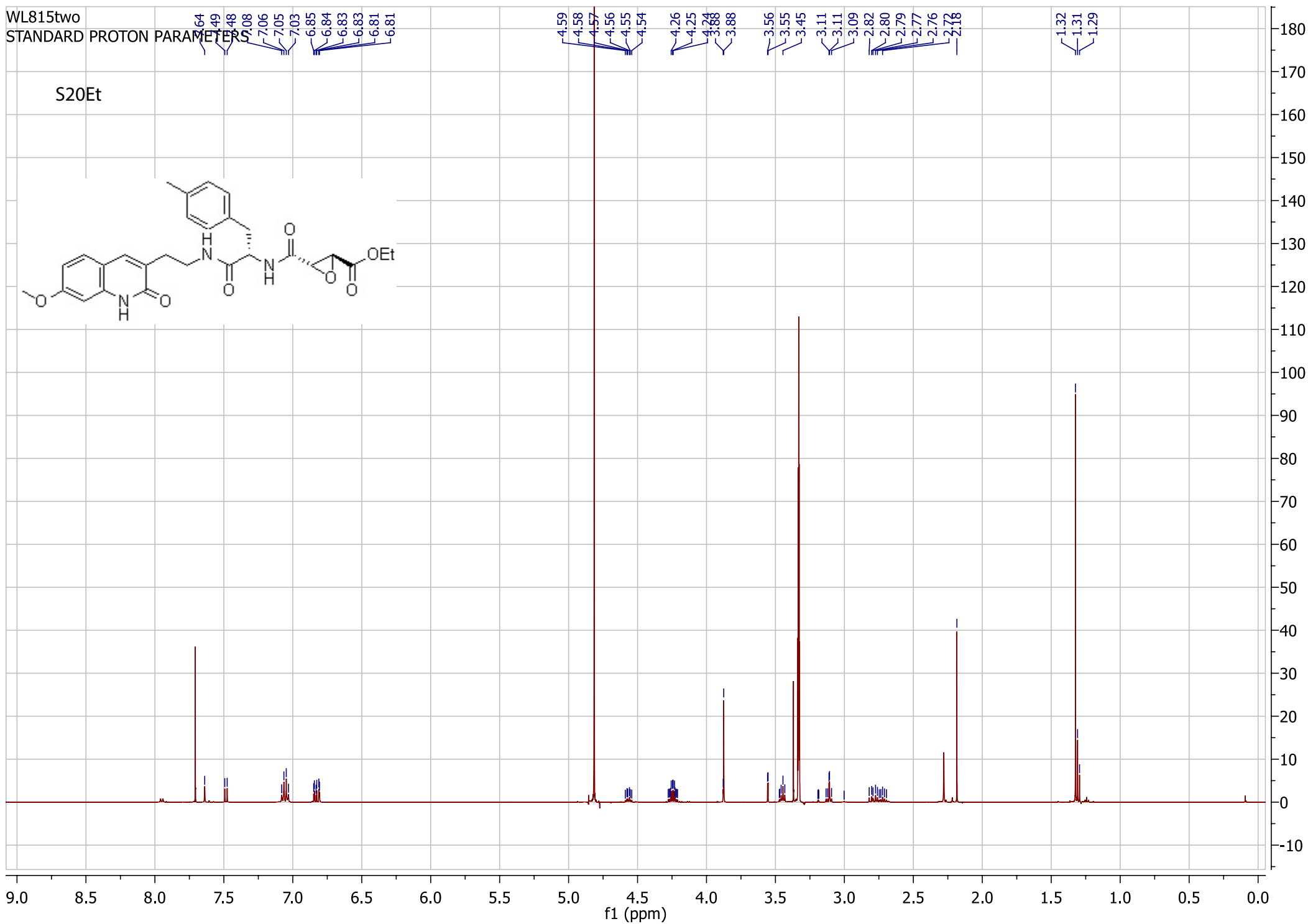
S20Et

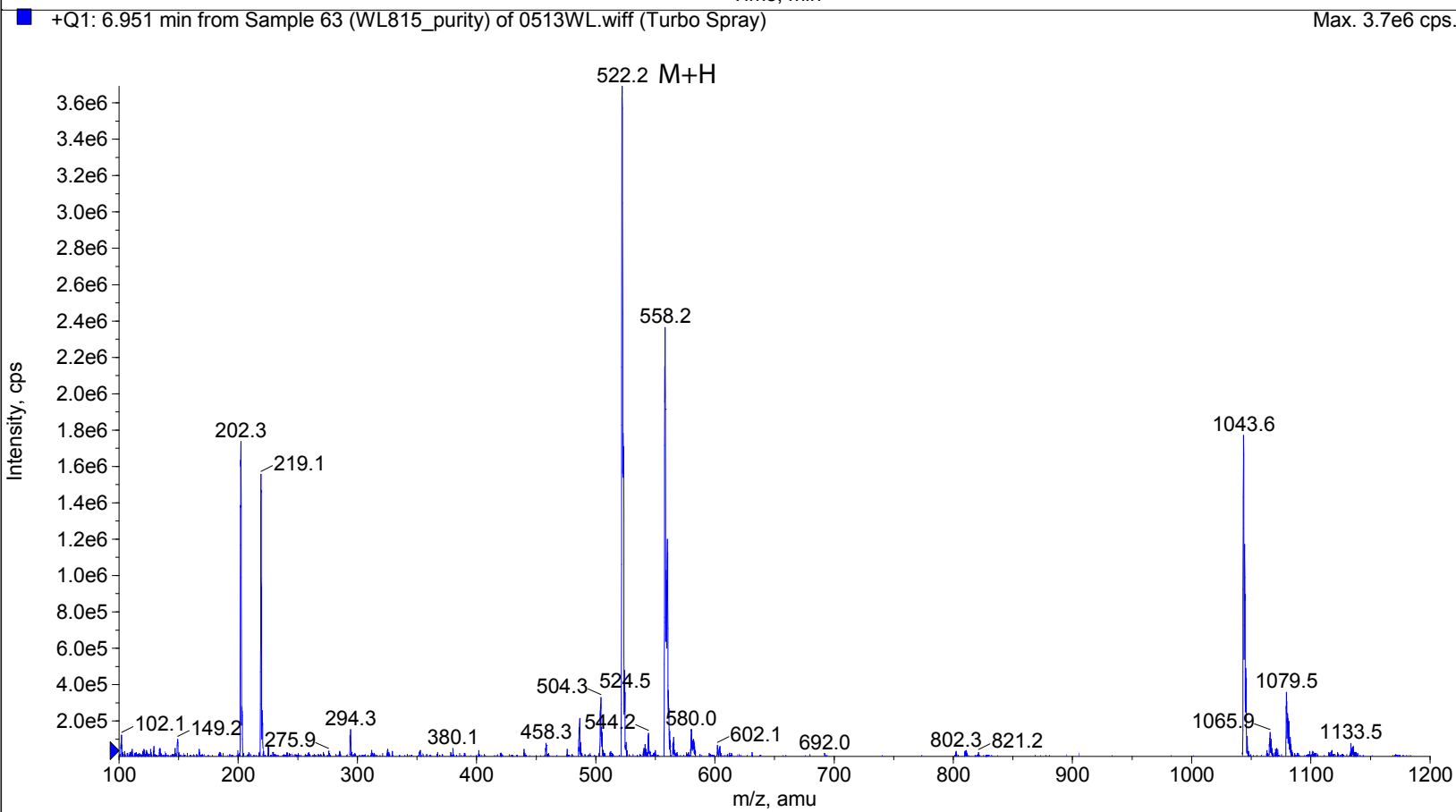
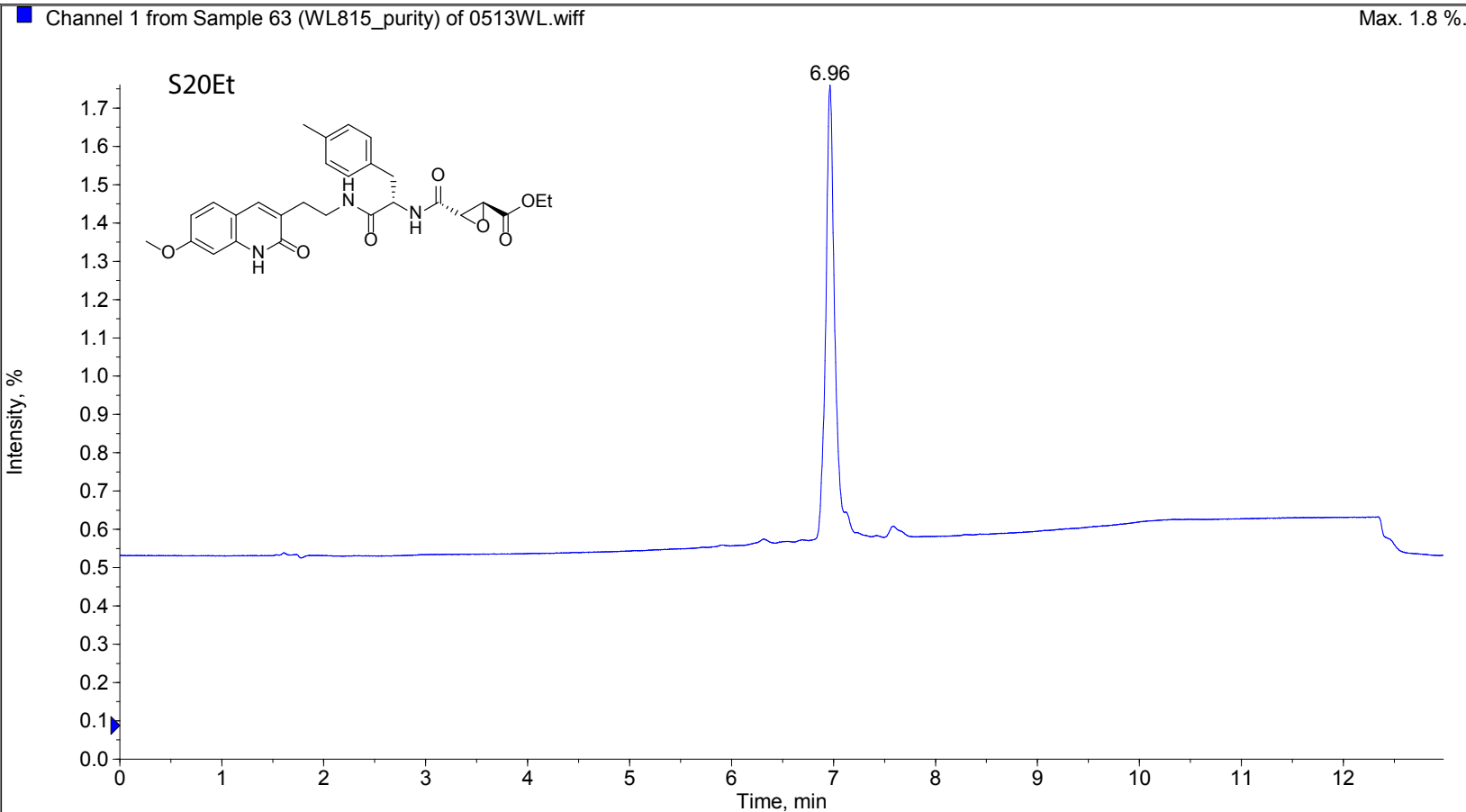


7.64
7.49
7.48
7.08
7.06
7.05
7.03
6.85
6.84
6.83
6.83
6.81
6.81

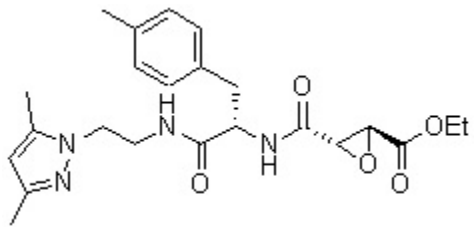
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4.58
4.57
4.56
4.55
4.54
4.26
4.25
4.24
3.88
3.88
3.56
3.55
3.45
3.11
3.11
3.09
2.82
2.80
2.79
2.77
2.76
2.76
2.78

1.32
1.31
1.29





S21Et



7.12
7.10
7.08
7.06

5.98

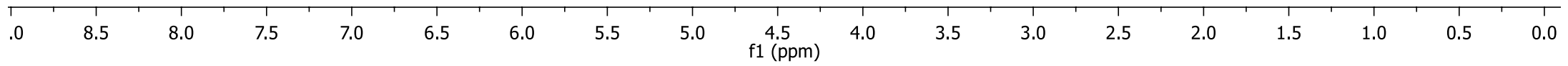
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4.23
4.22
4.21
4.11

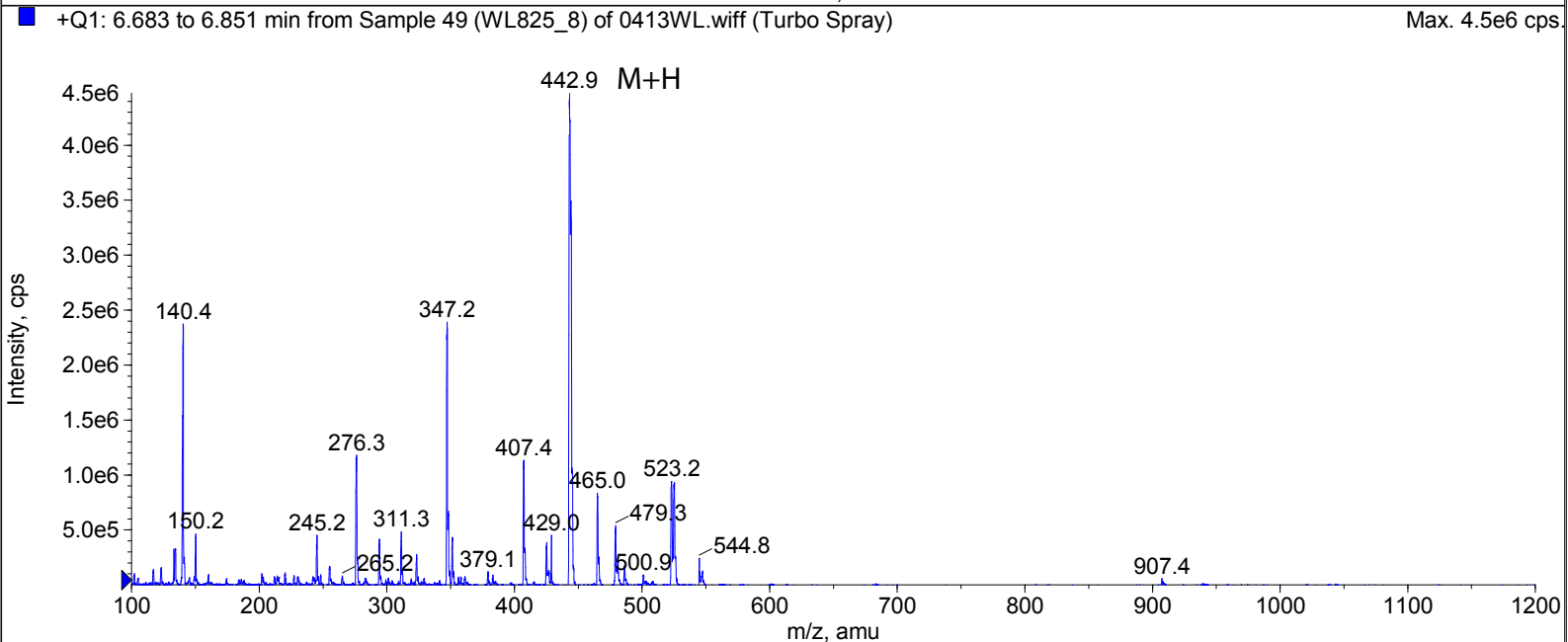
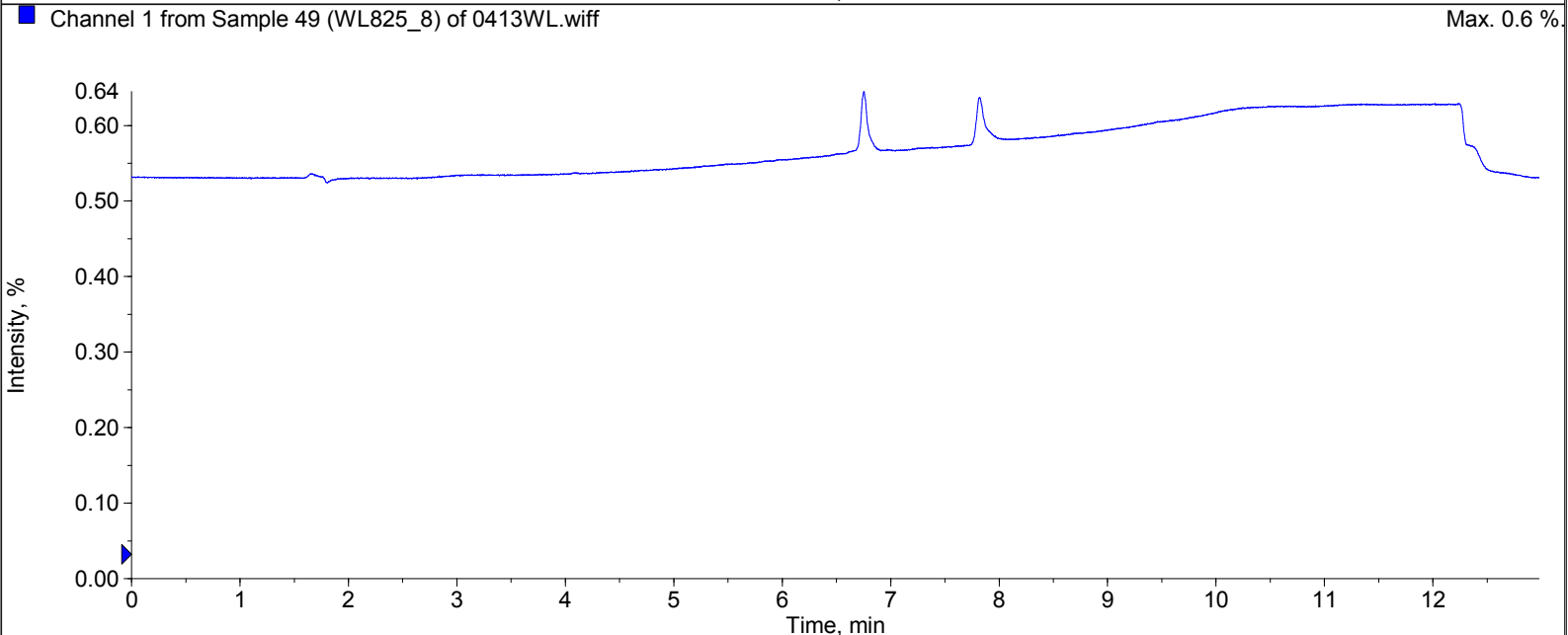
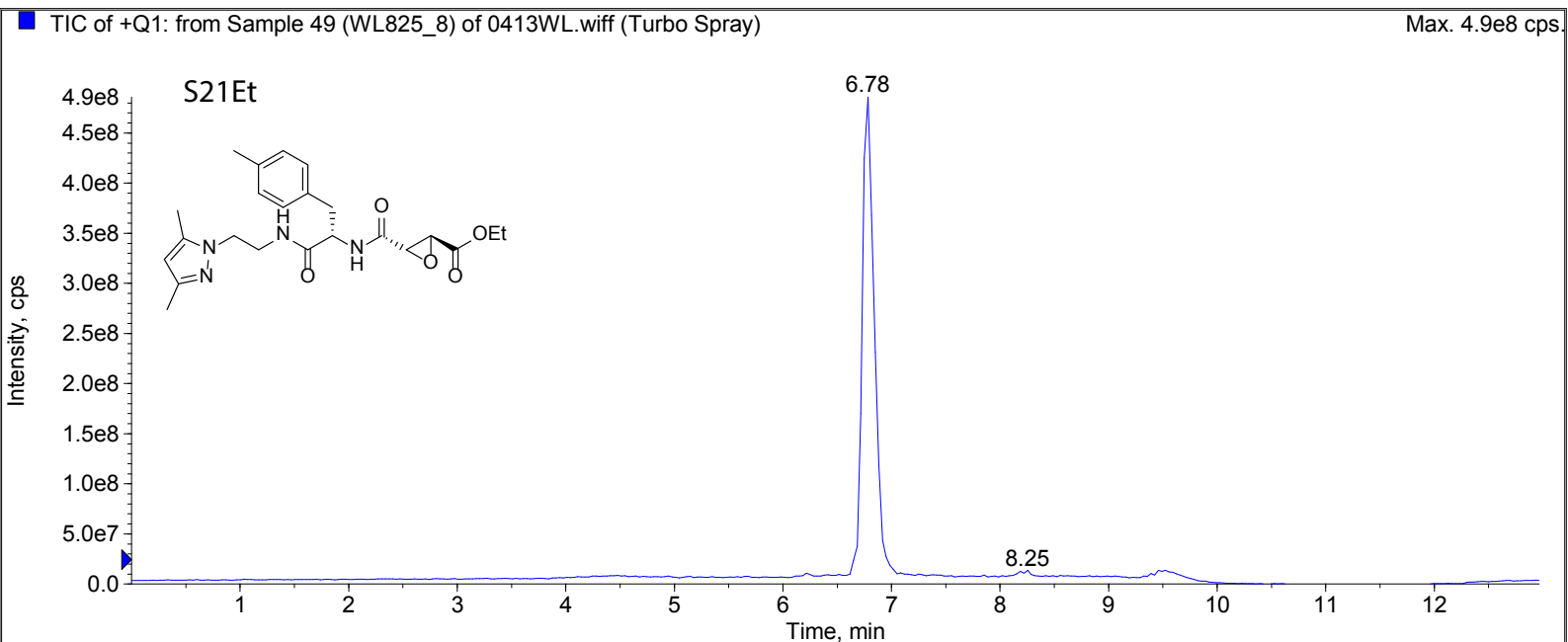
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3.53
3.52

3.12
3.12
2.87
2.78
2.77
2.75

2.30
2.26
2.23

1.30
1.29
1.27





8.77
8.74
8.36
8.34
8.28
8.26
7.88
7.86
7.84
7.83
7.82
7.81

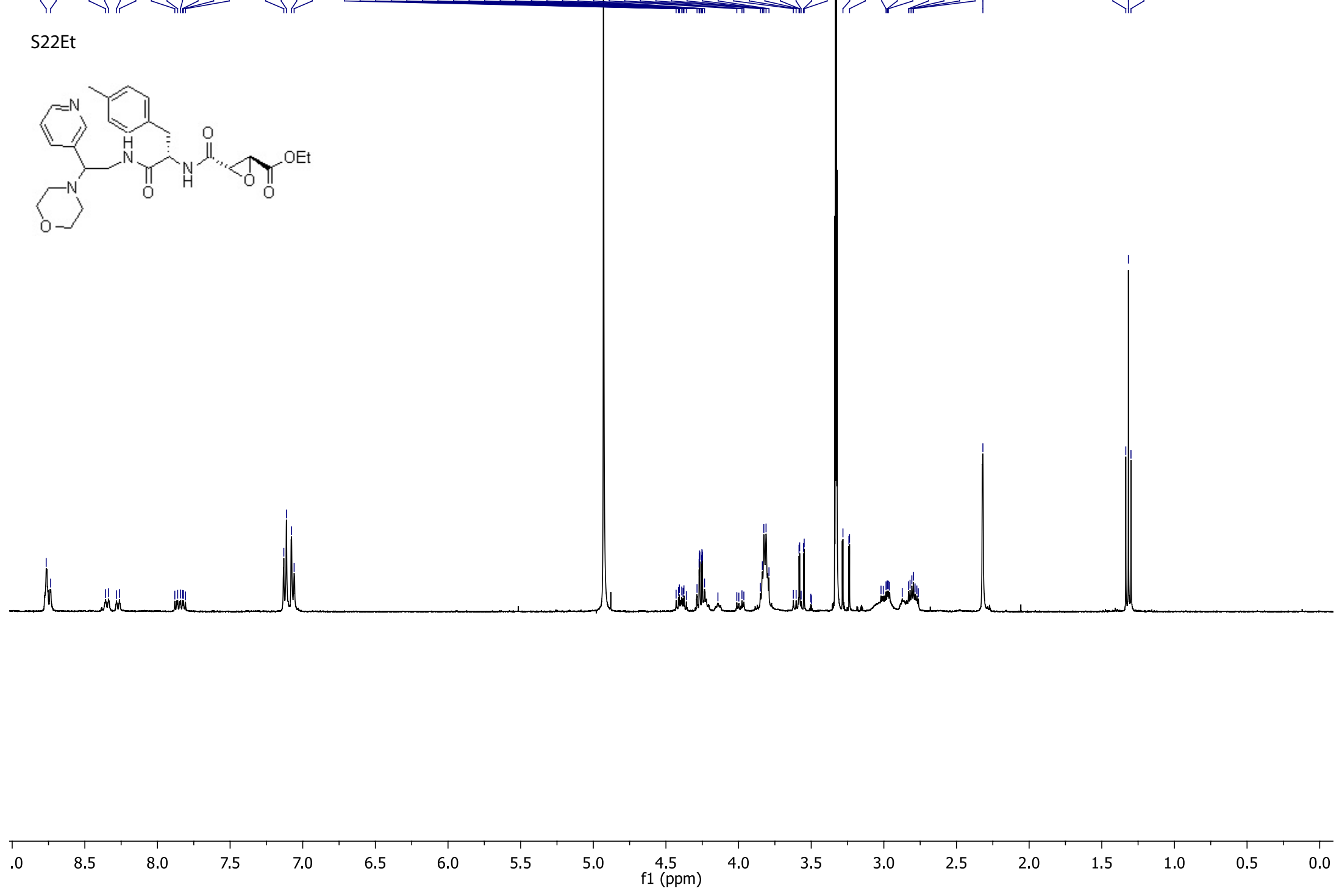
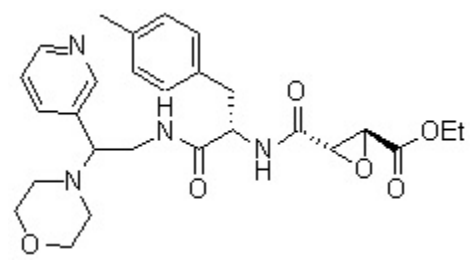
7.13
7.11
7.08
7.06

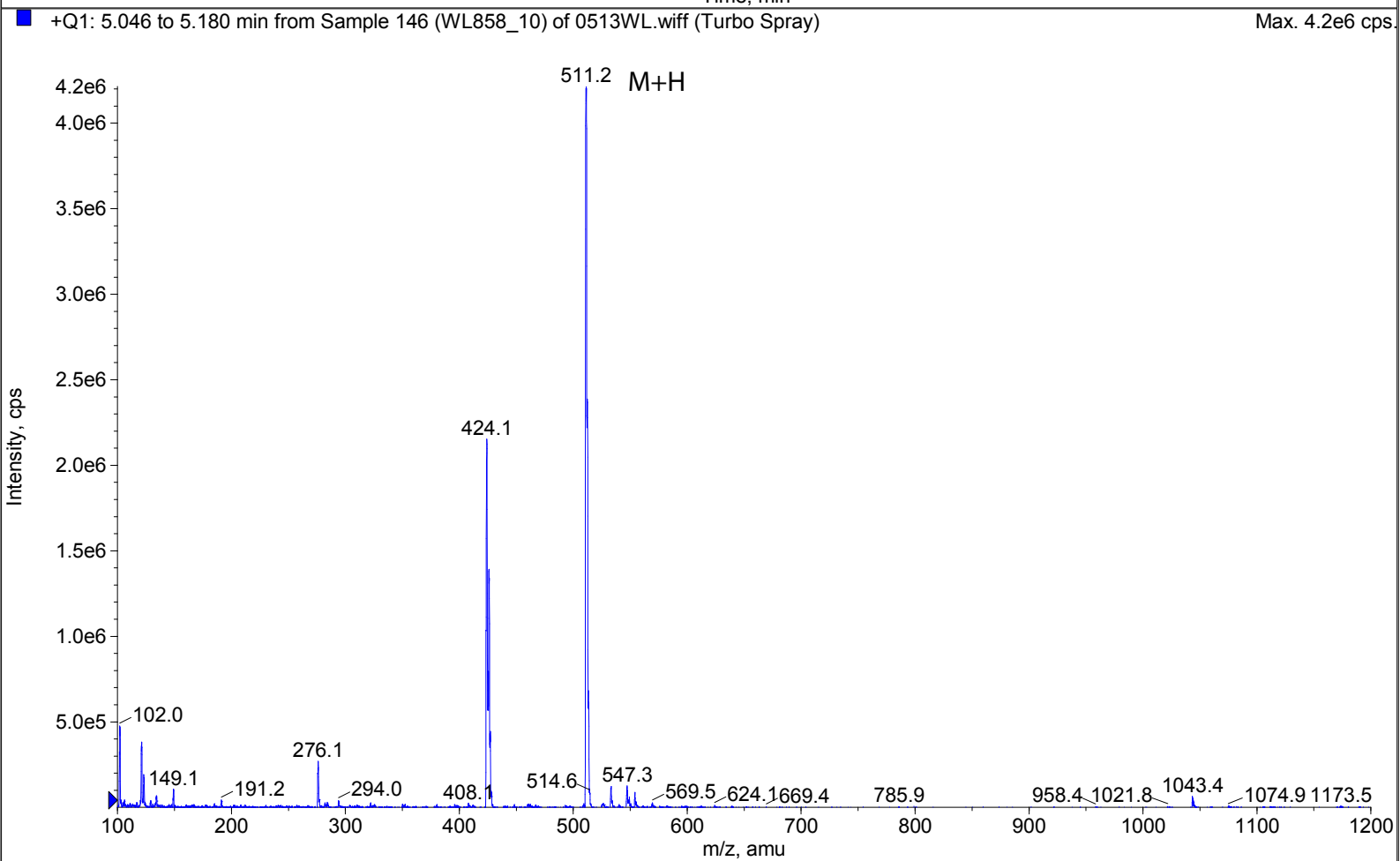
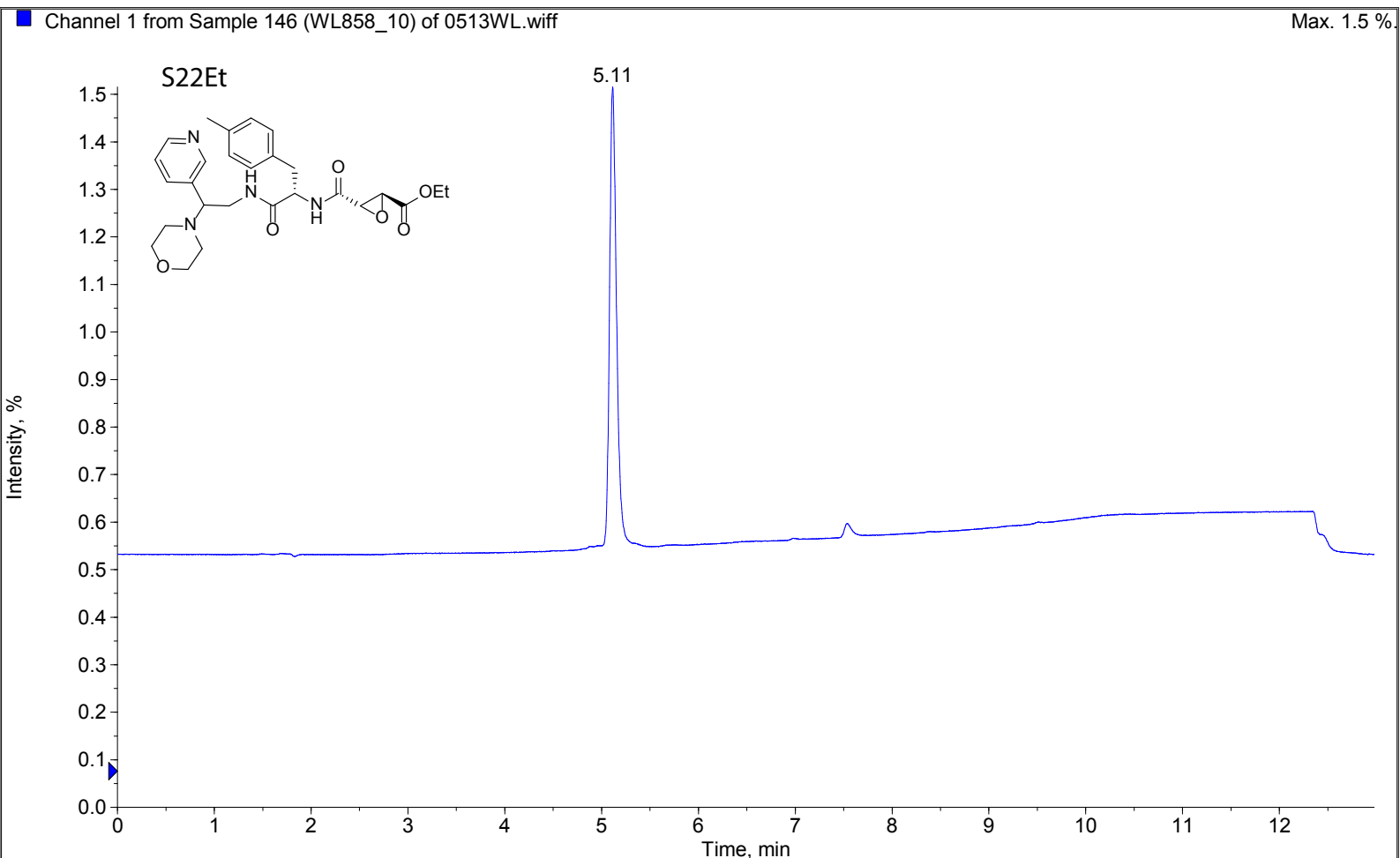
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4.41
4.41
4.39
4.38
4.38
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4.29
4.27
4.27
4.27
4.25
4.25
4.25
4.25
4.23
4.01
3.98
3.96
3.85
3.84
3.83
3.81
3.79
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3.60
3.58
3.58
3.57
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2.80

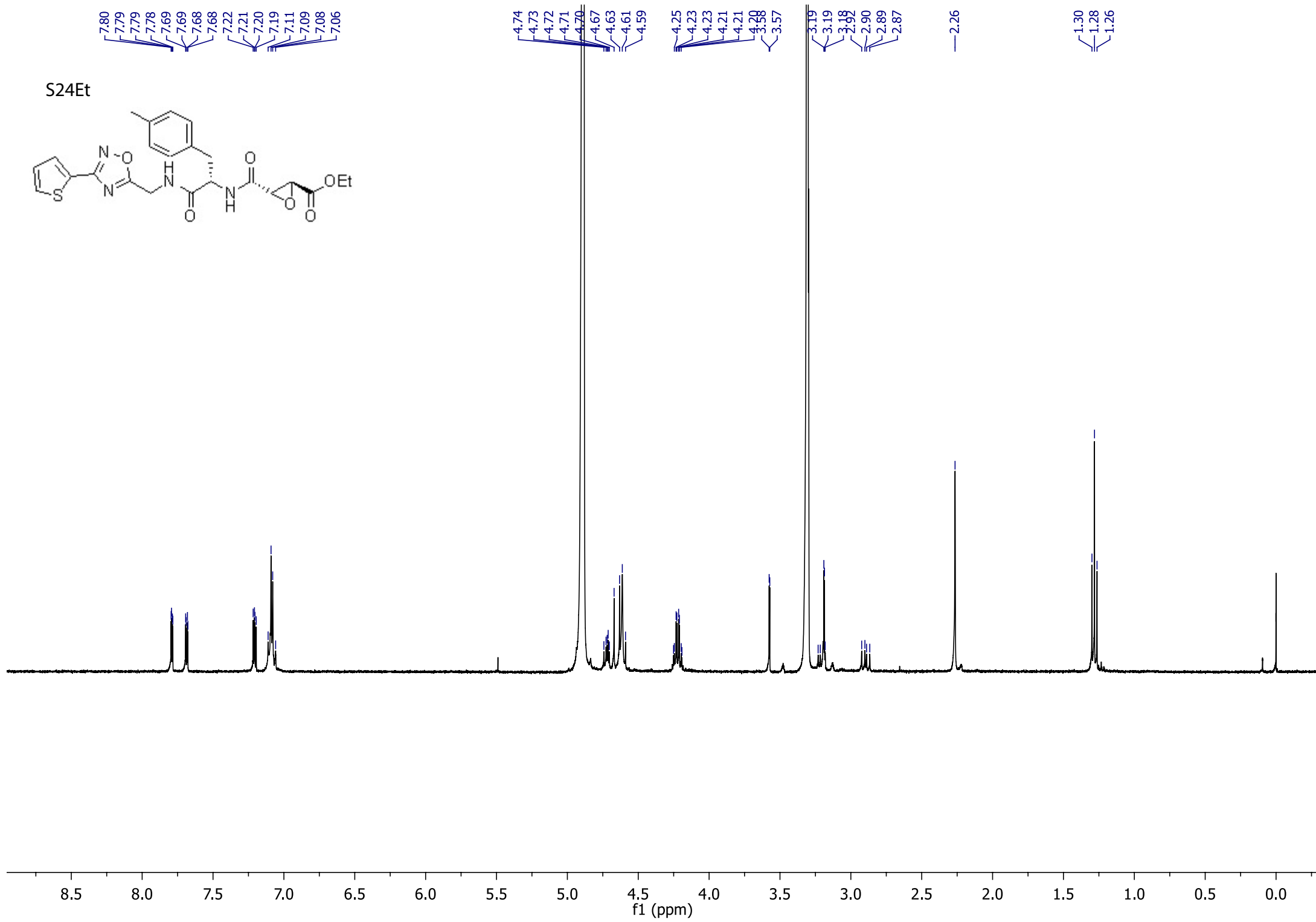
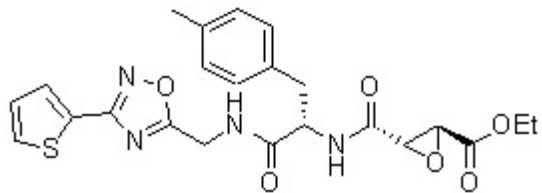
1.33
1.32
1.30

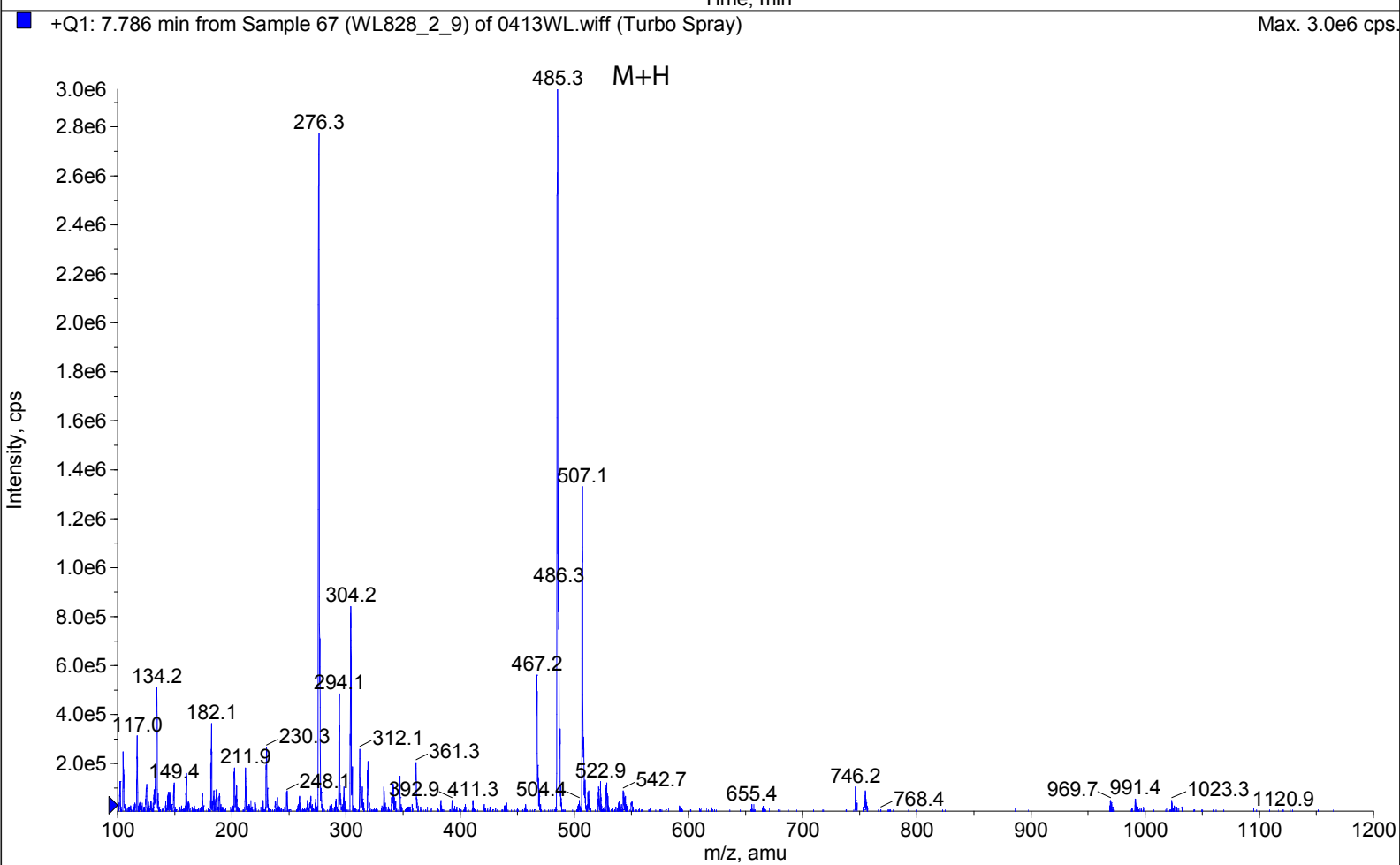
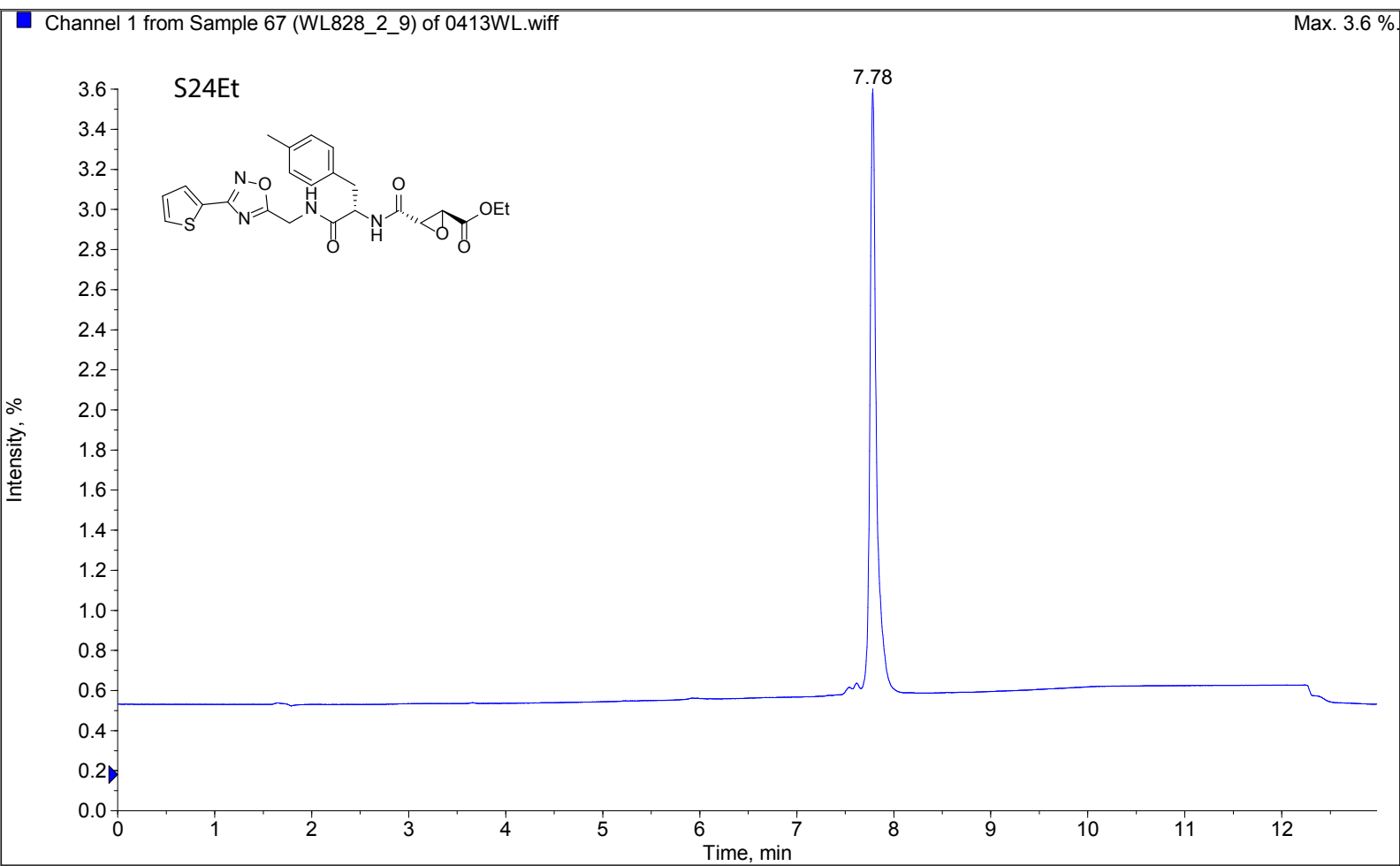
S22Et

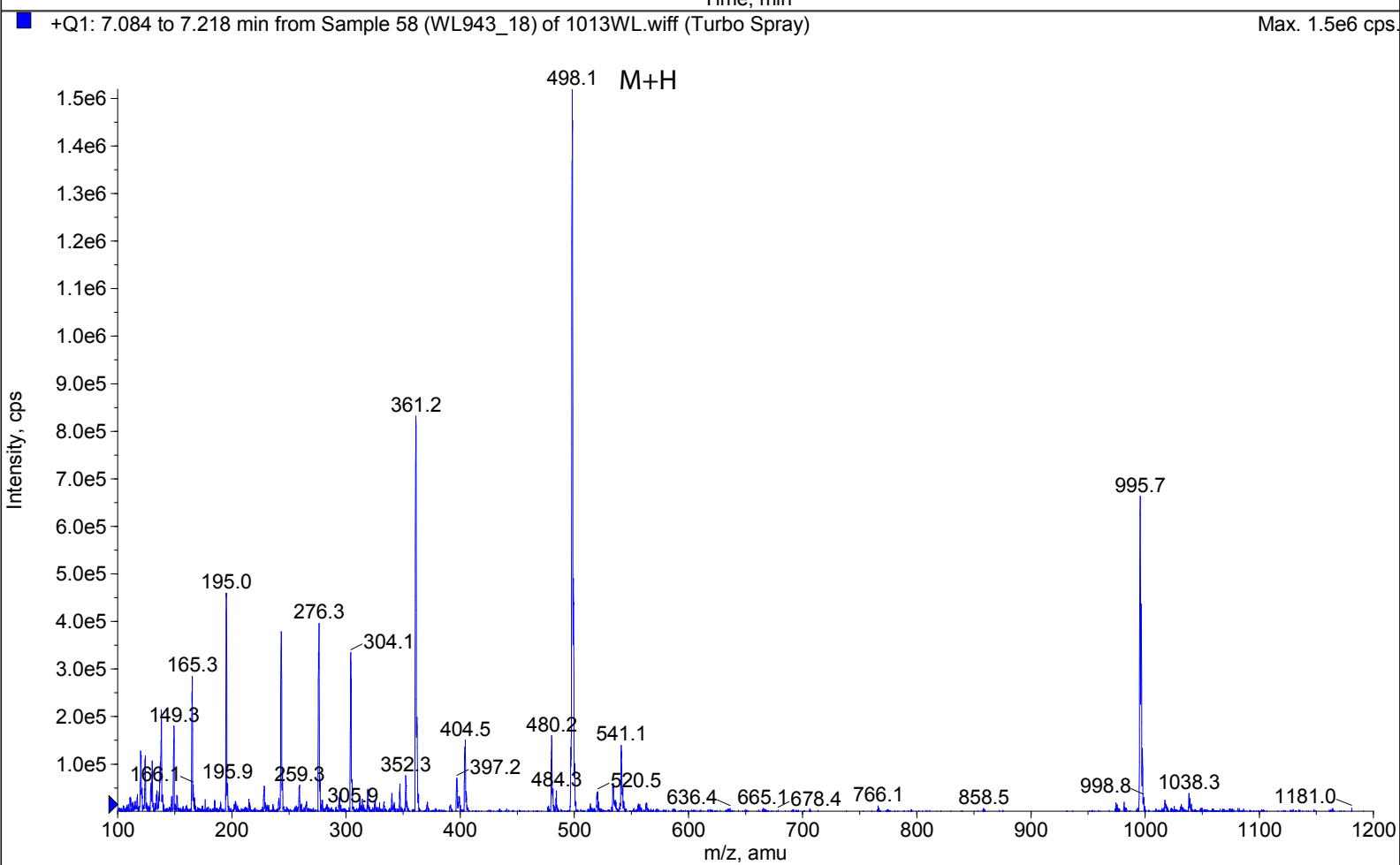
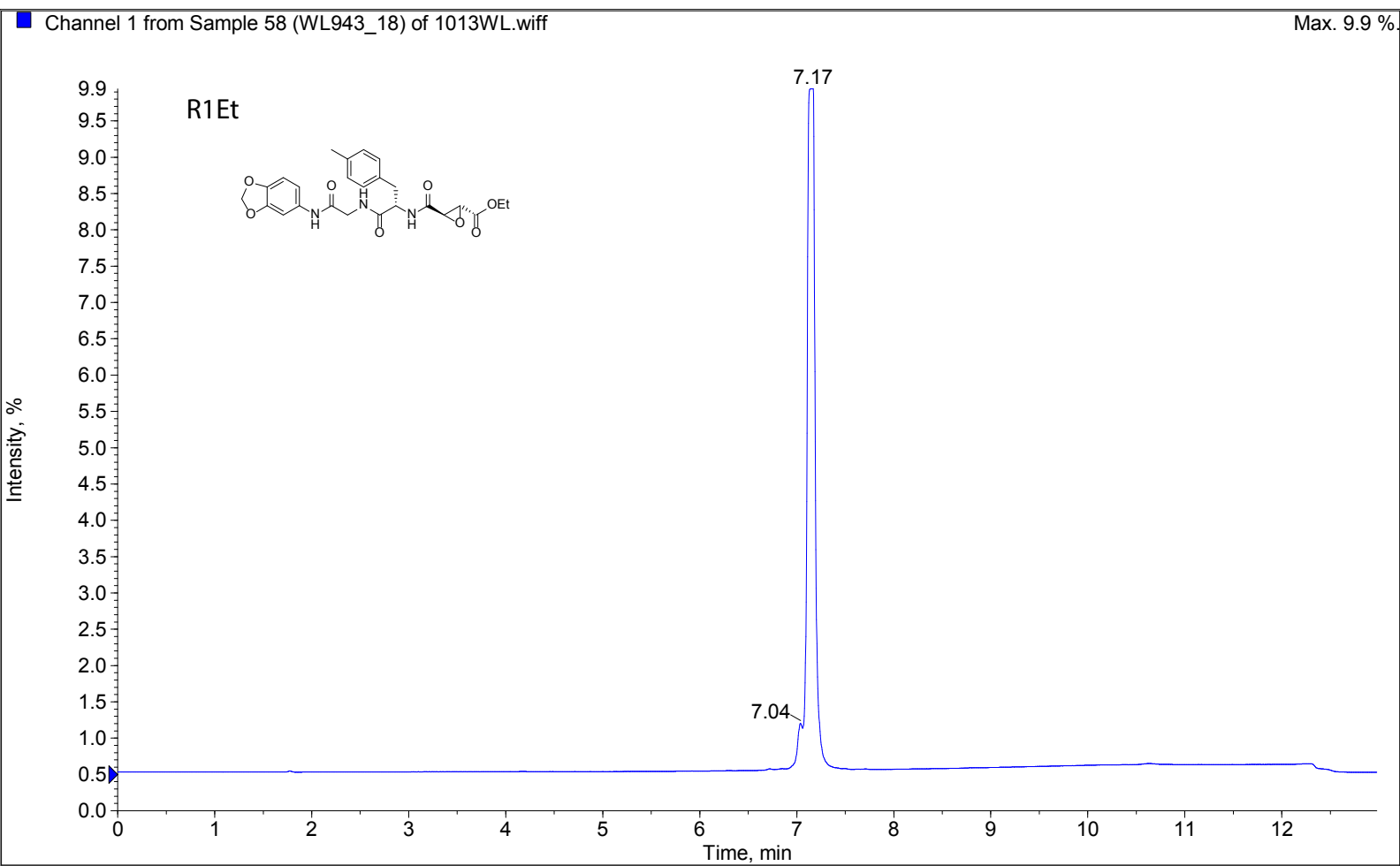


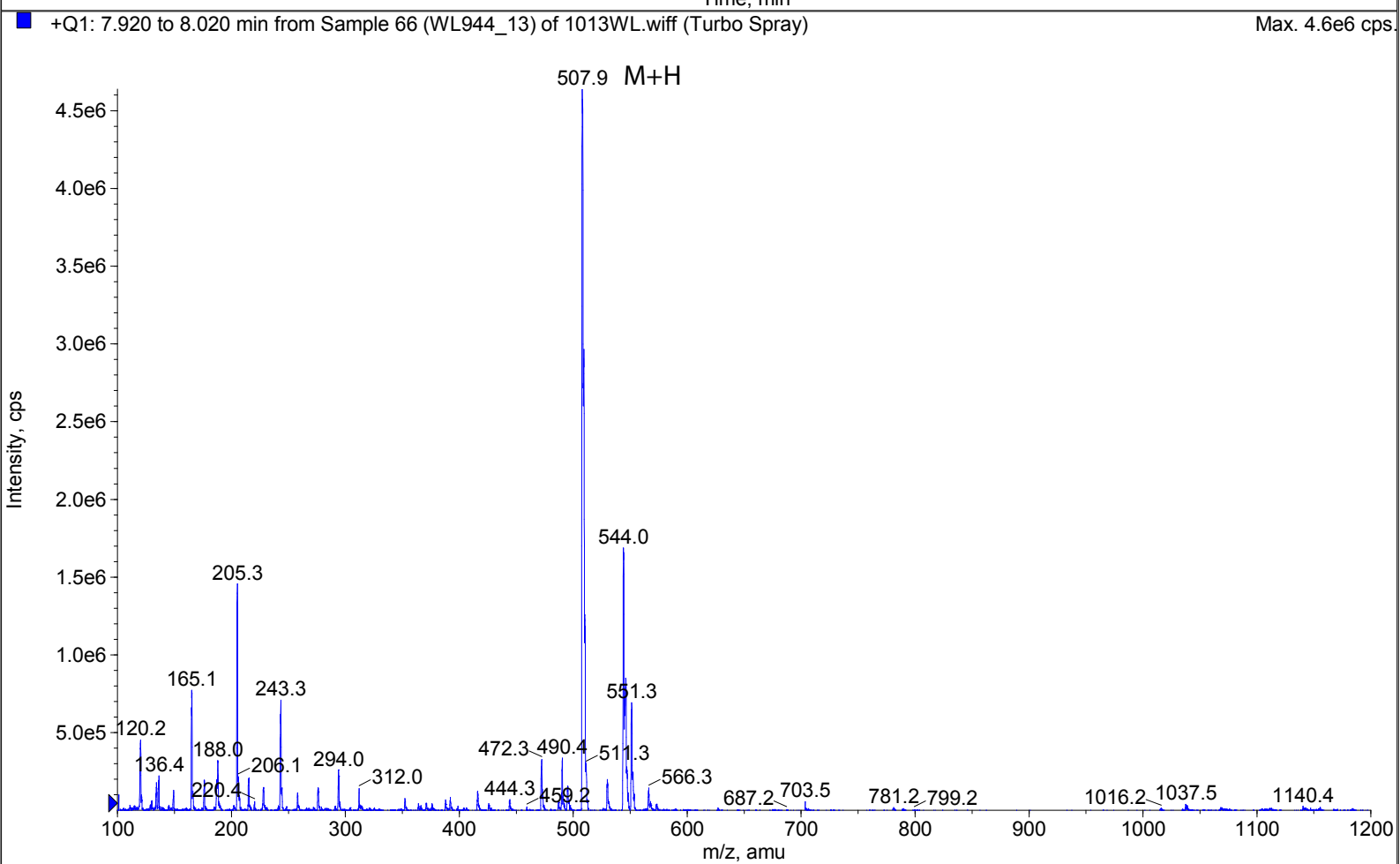
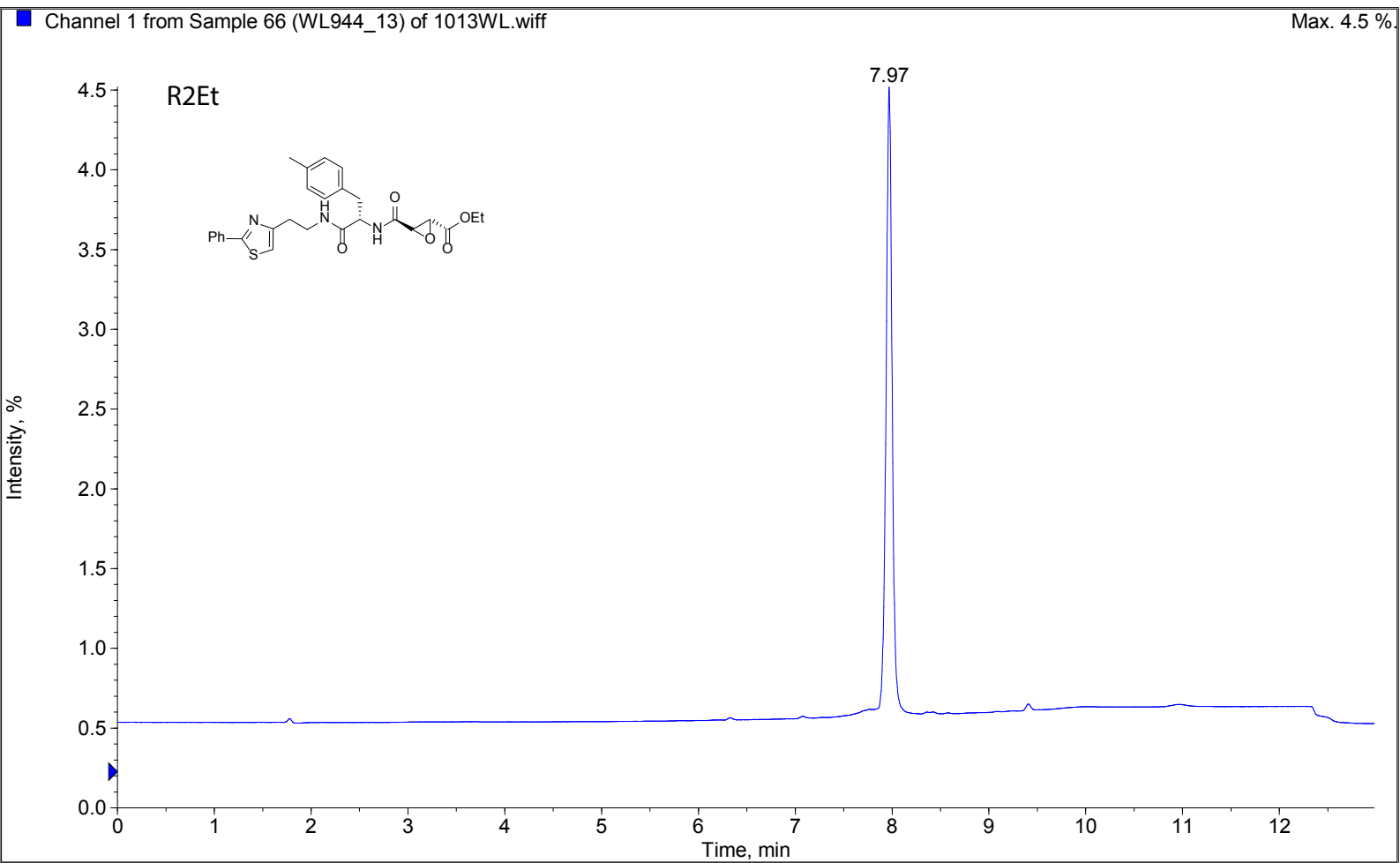


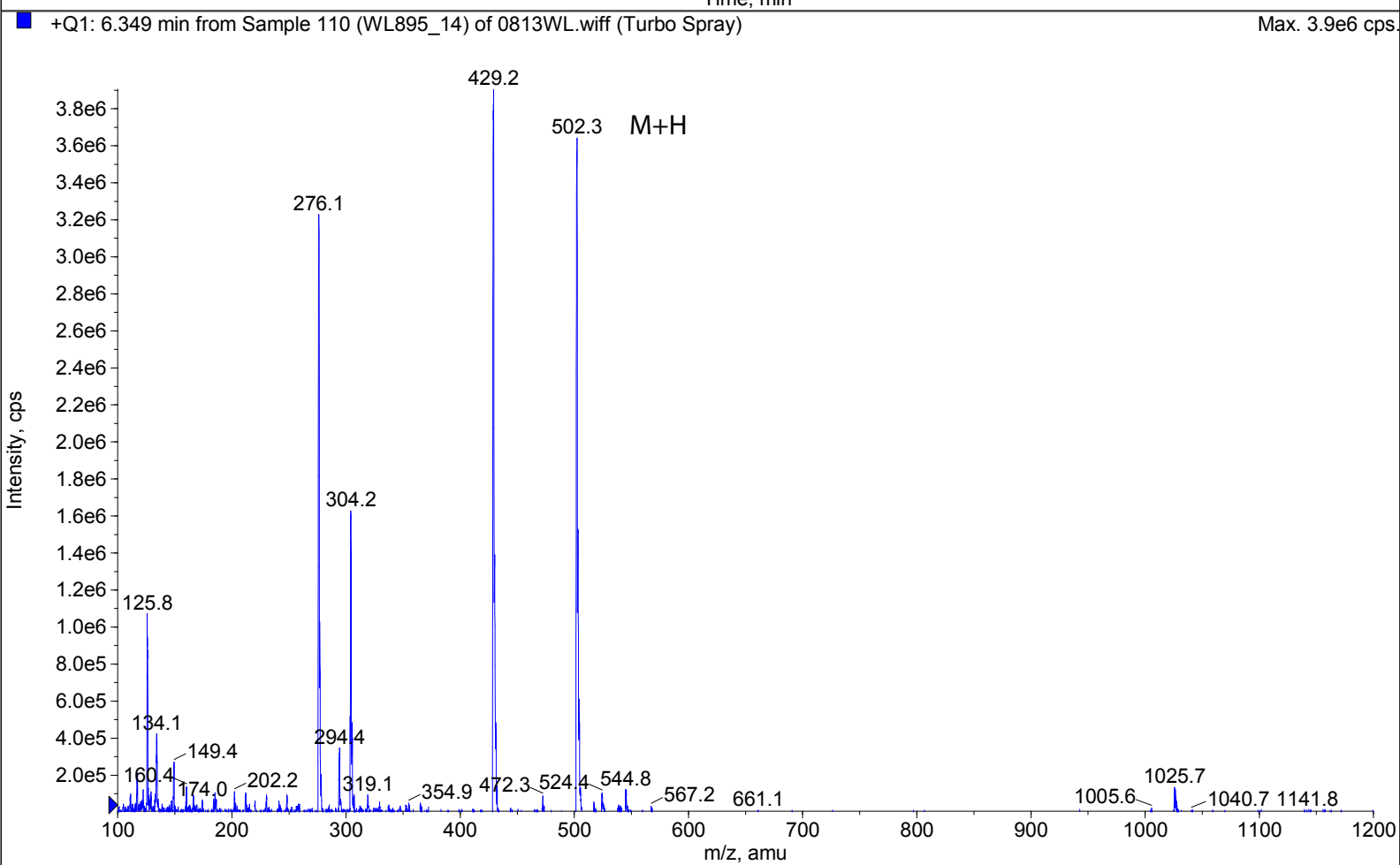
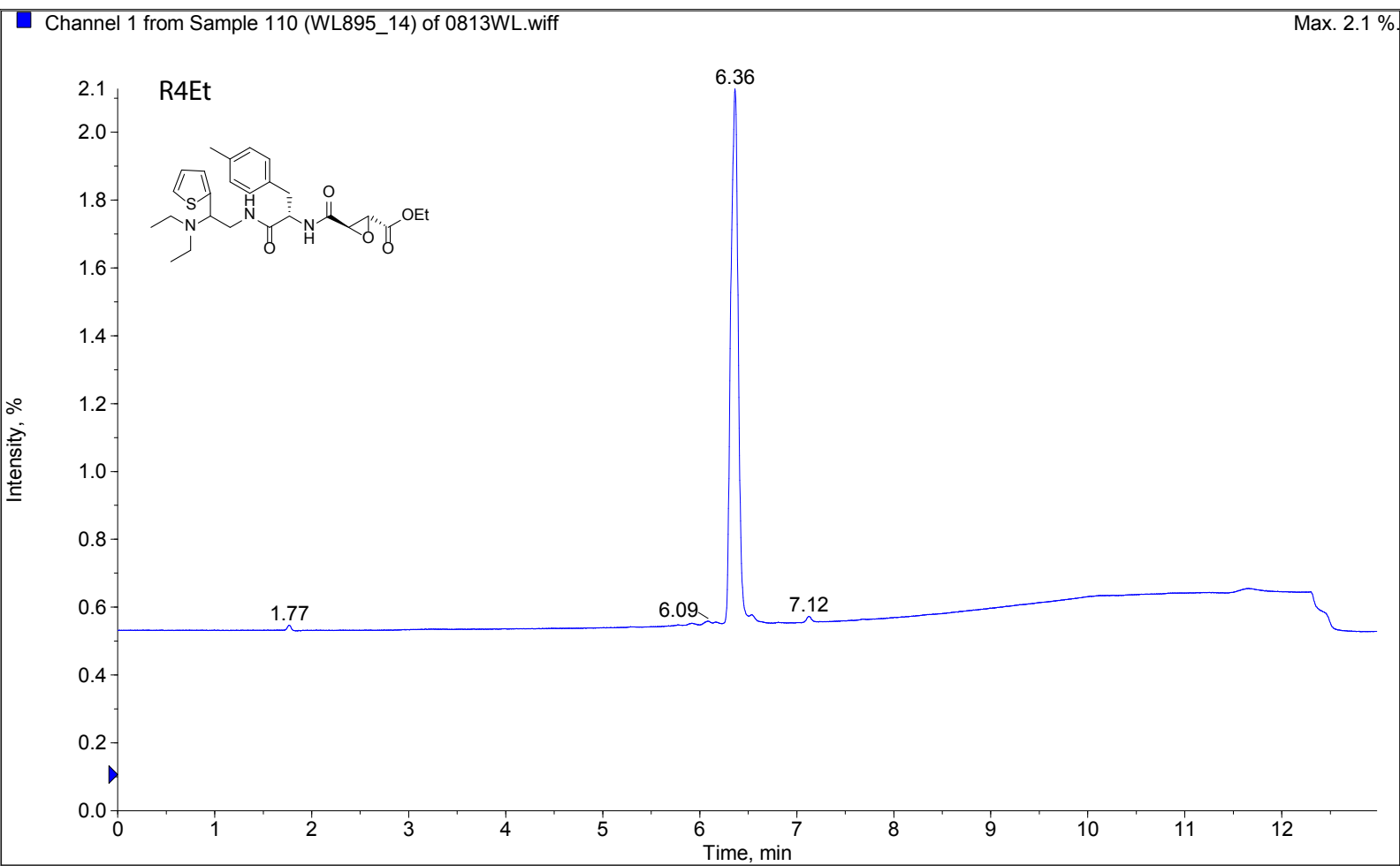
S24Et

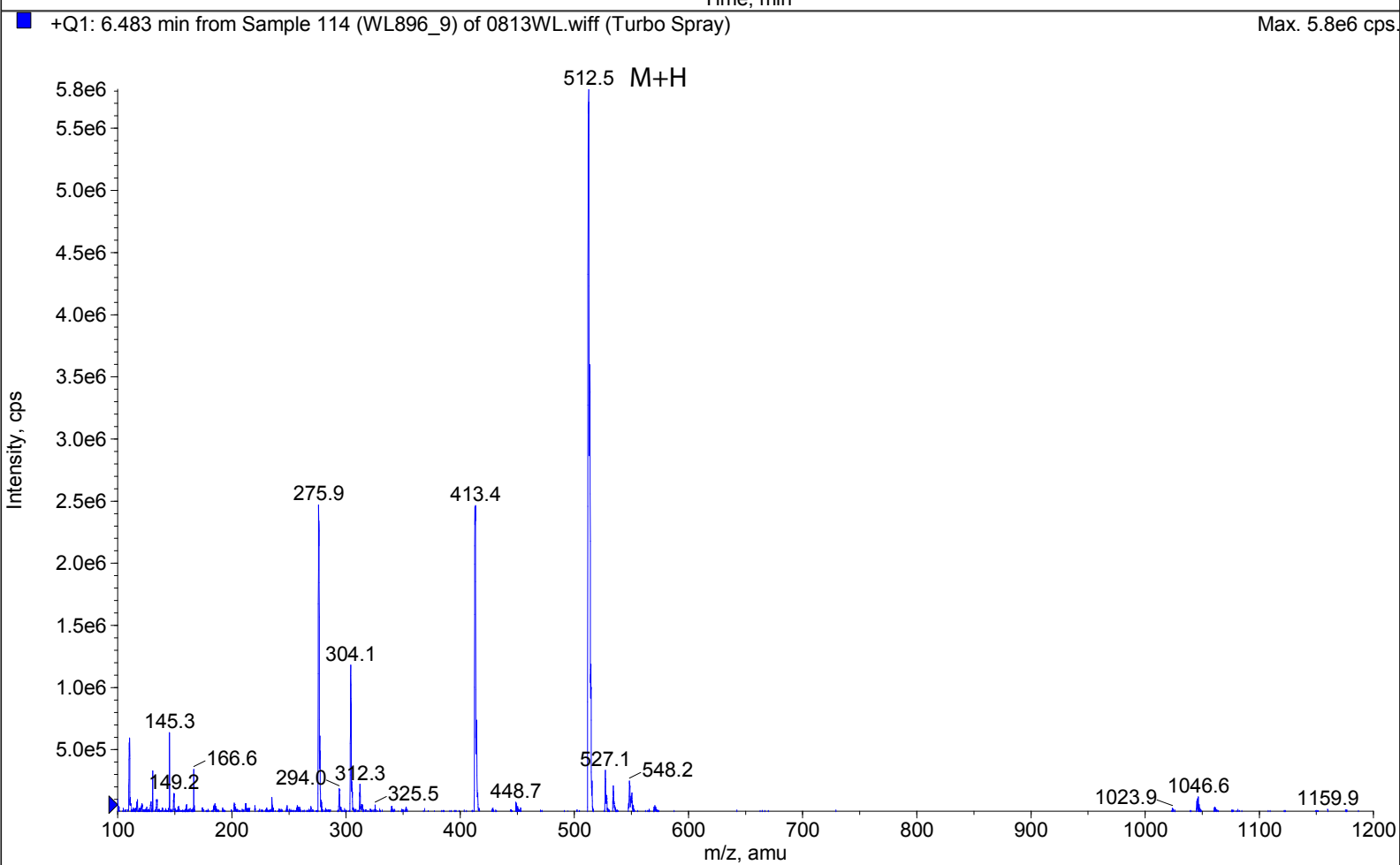
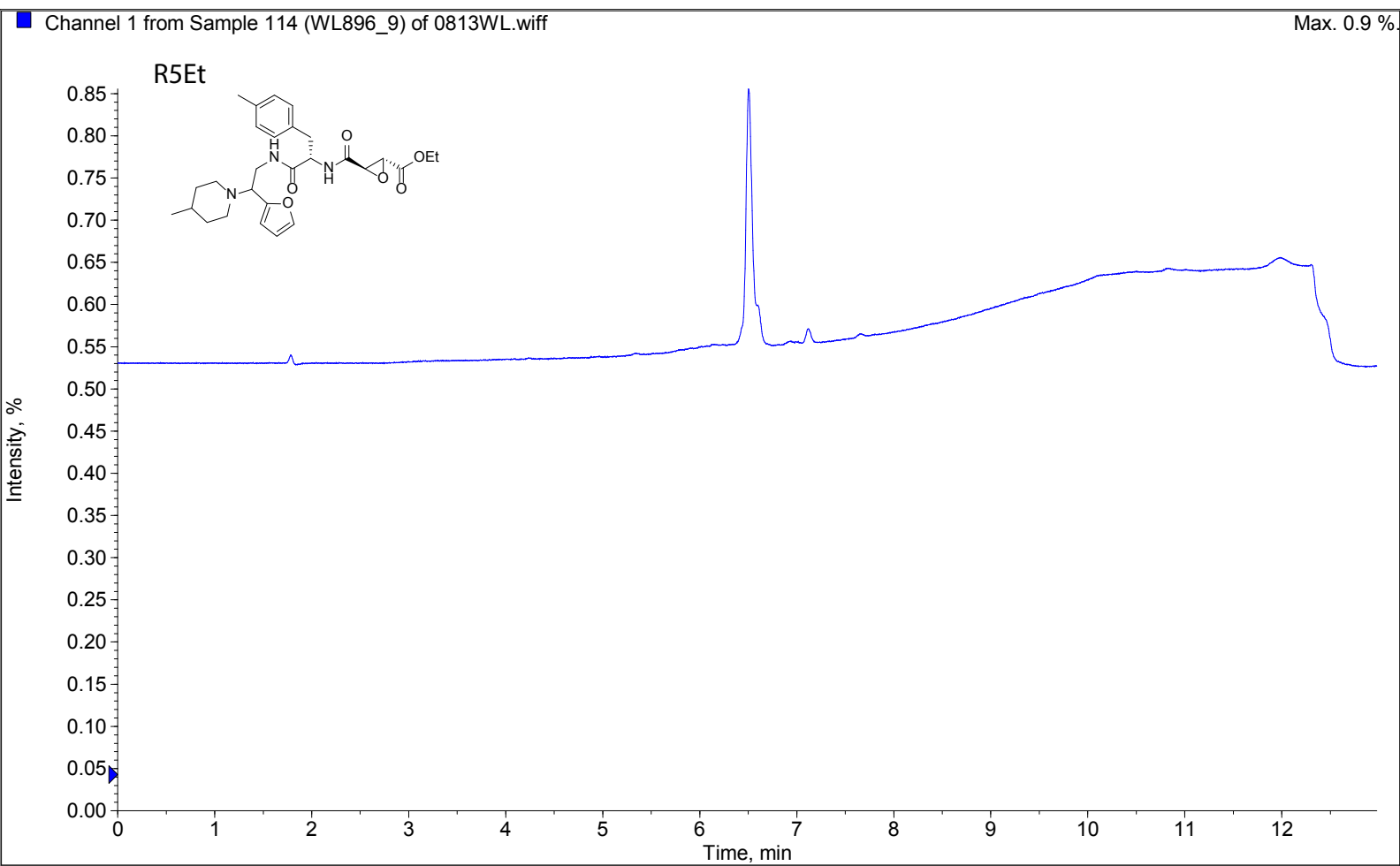


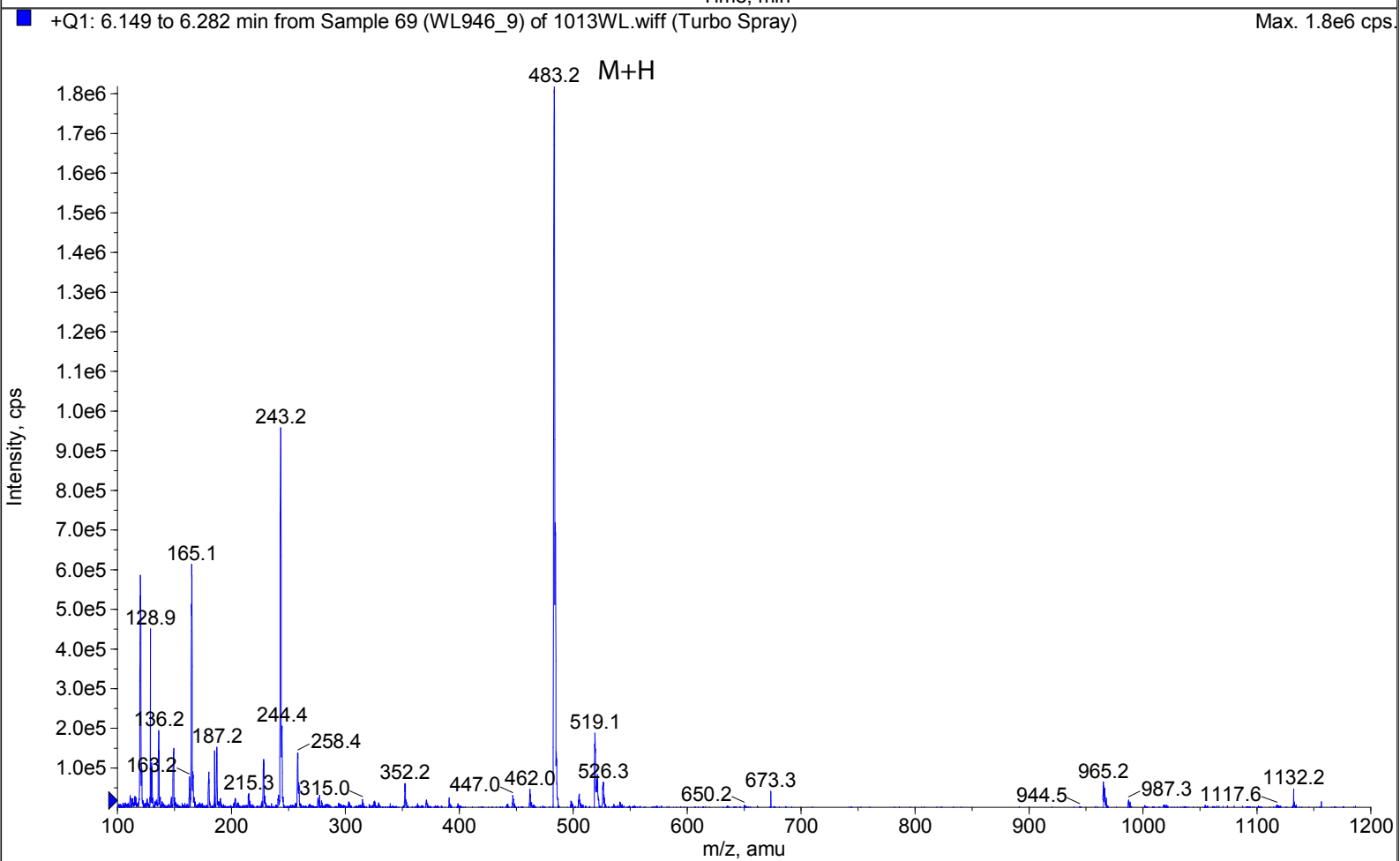
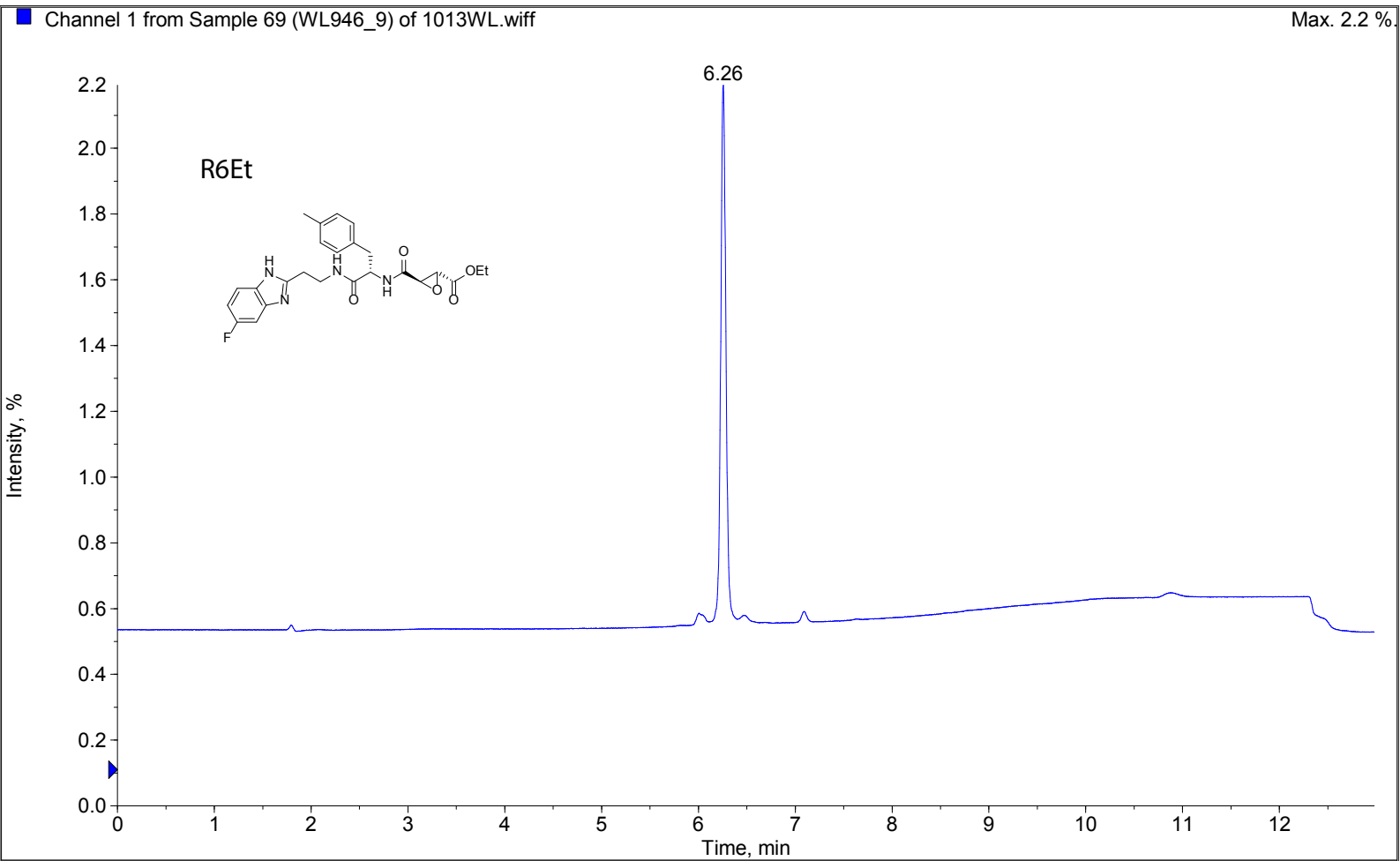


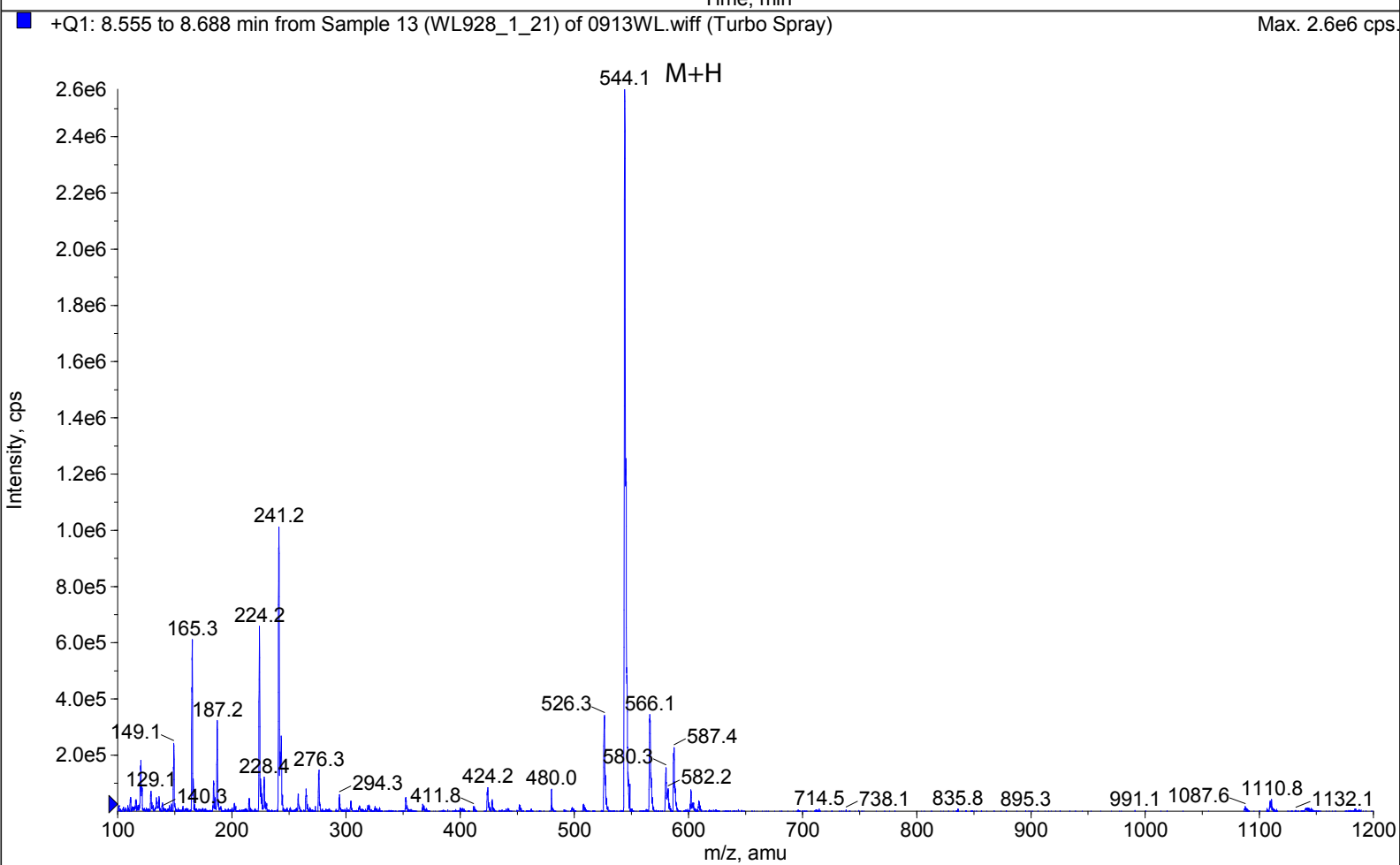
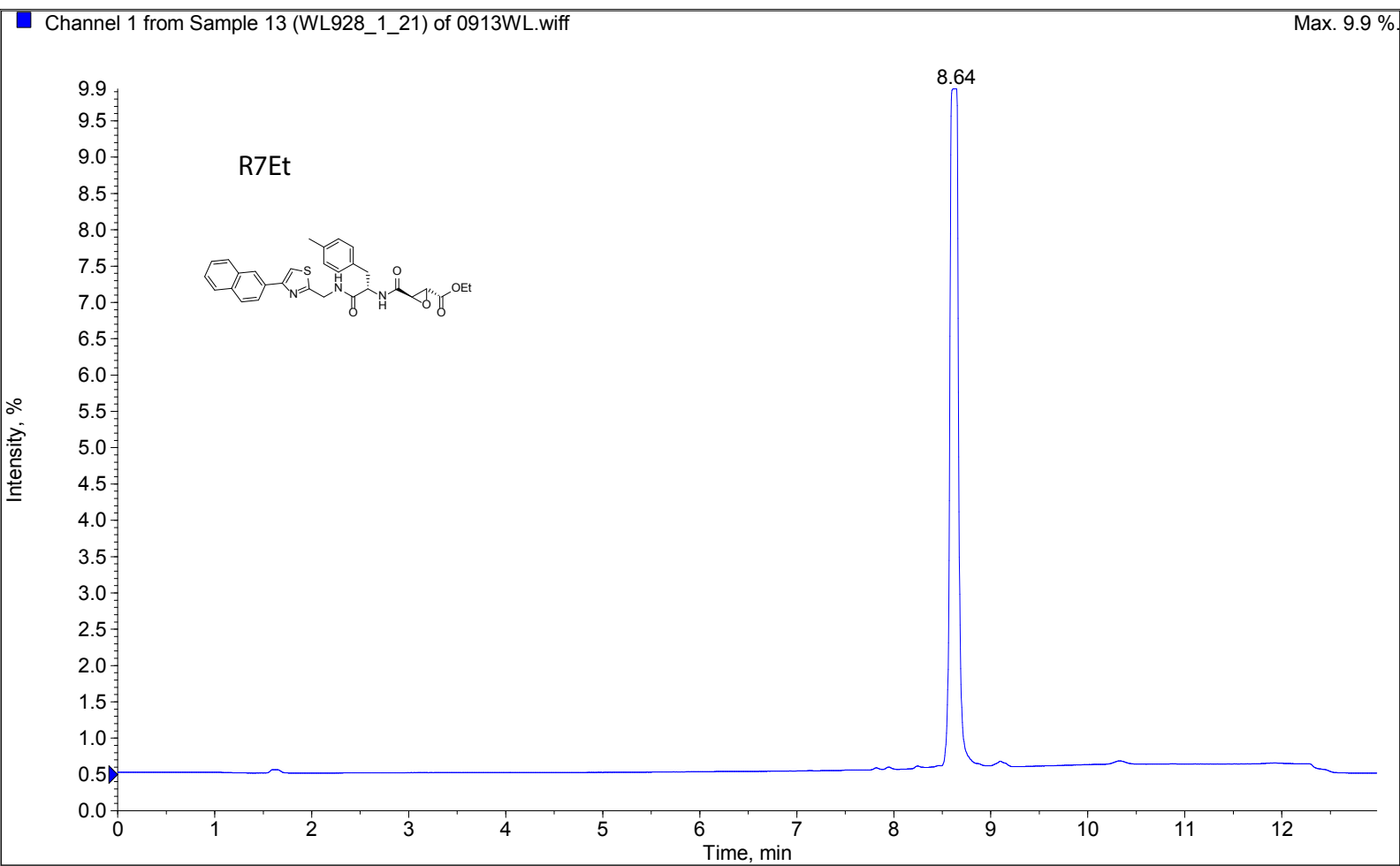


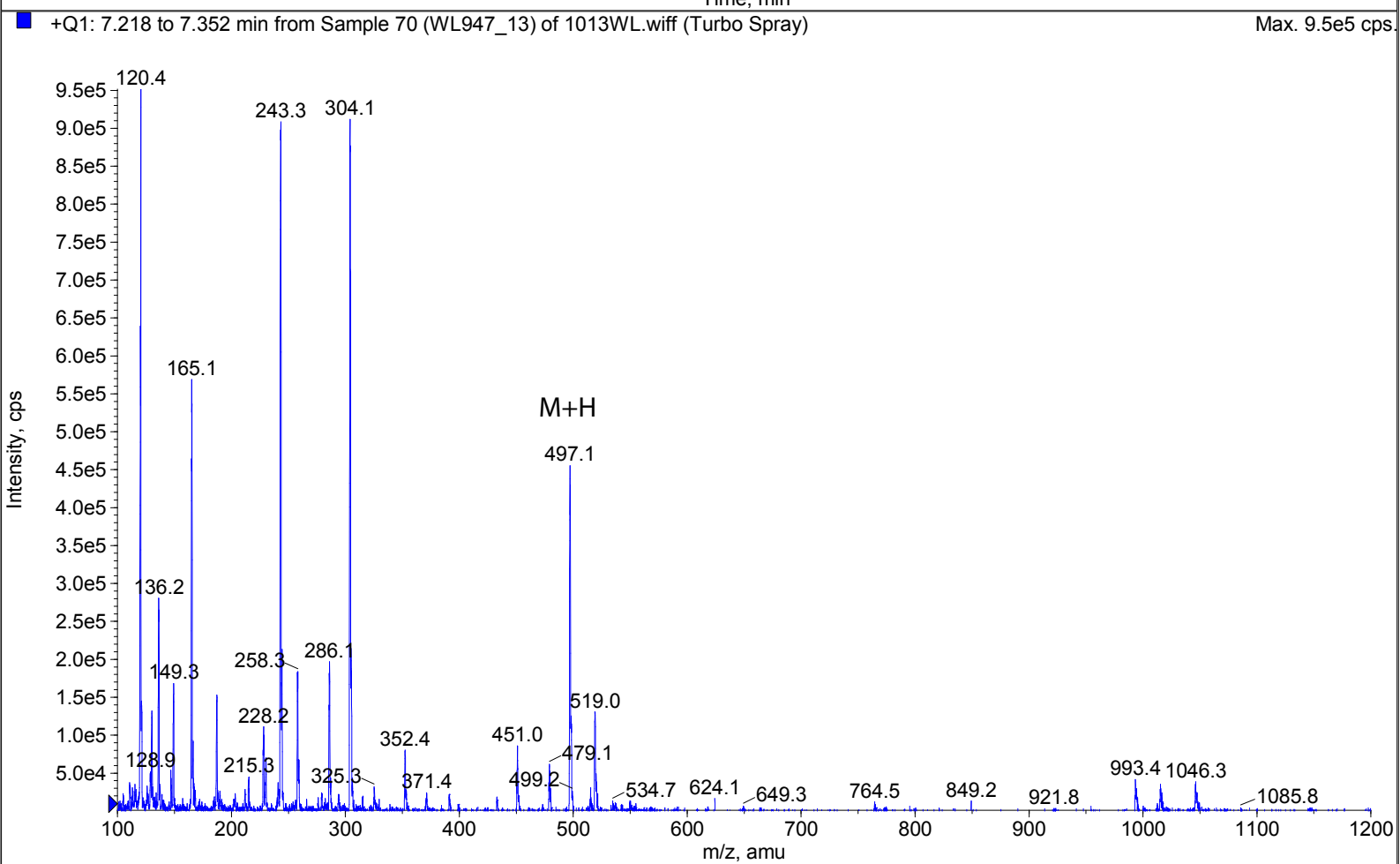
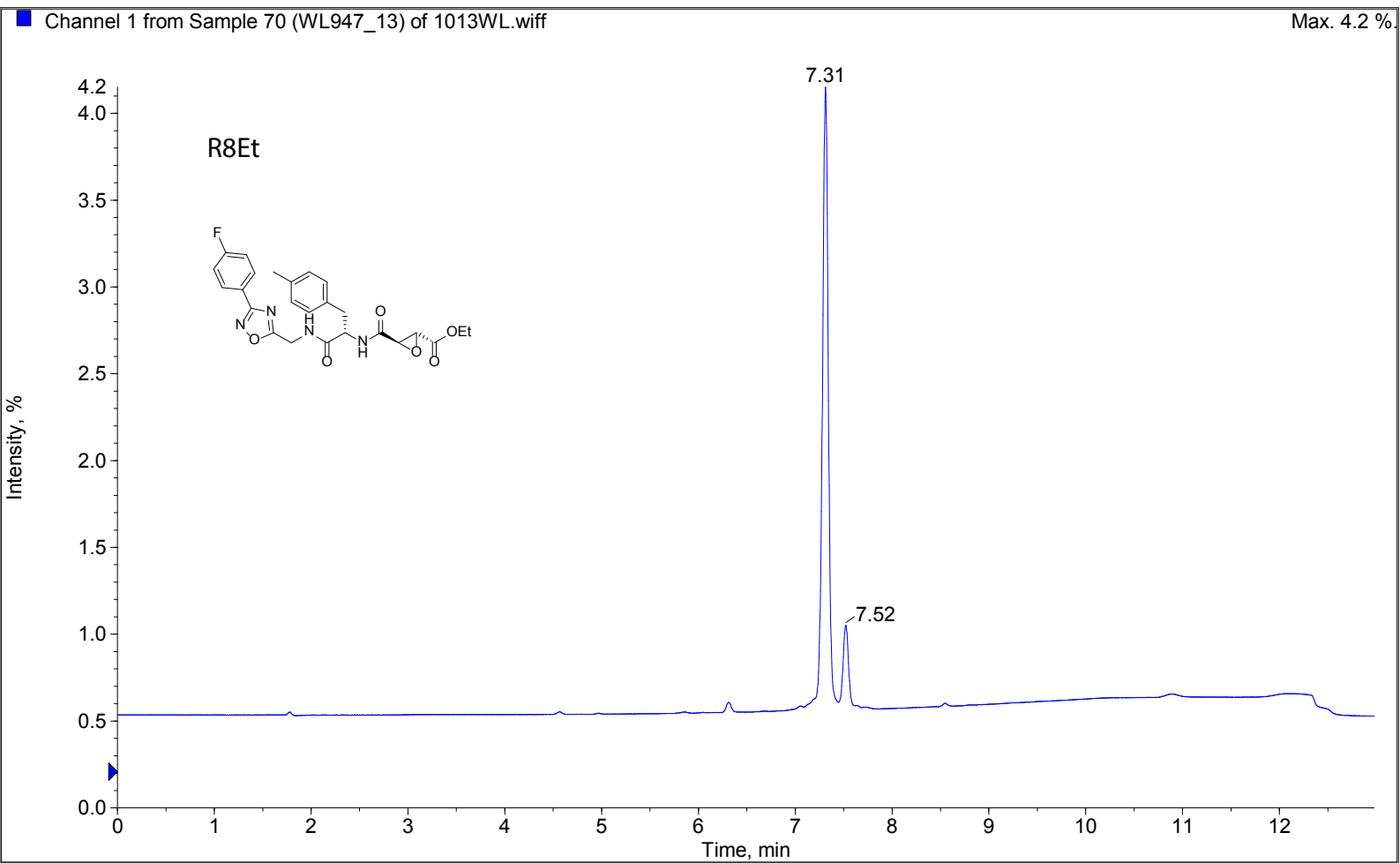


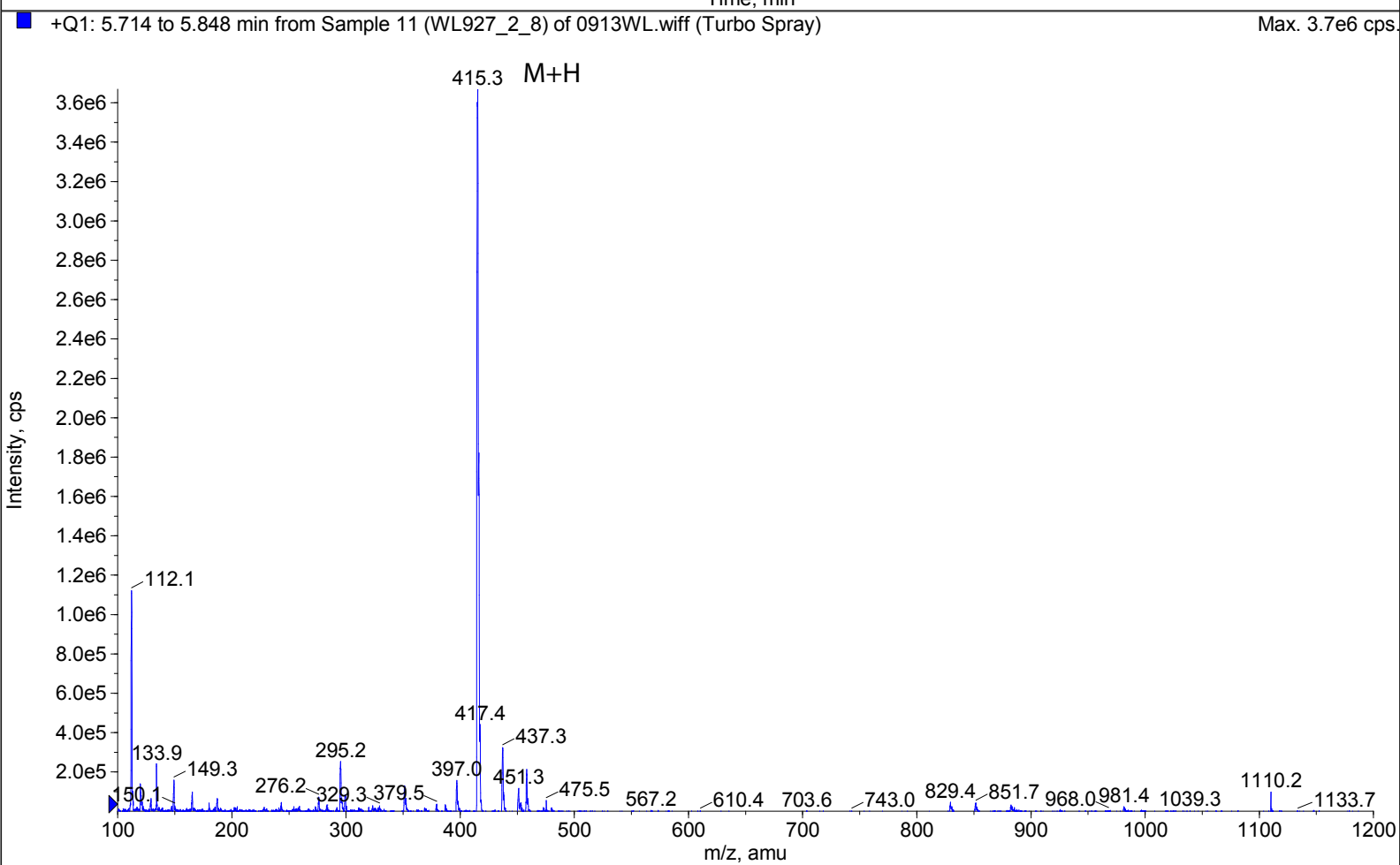
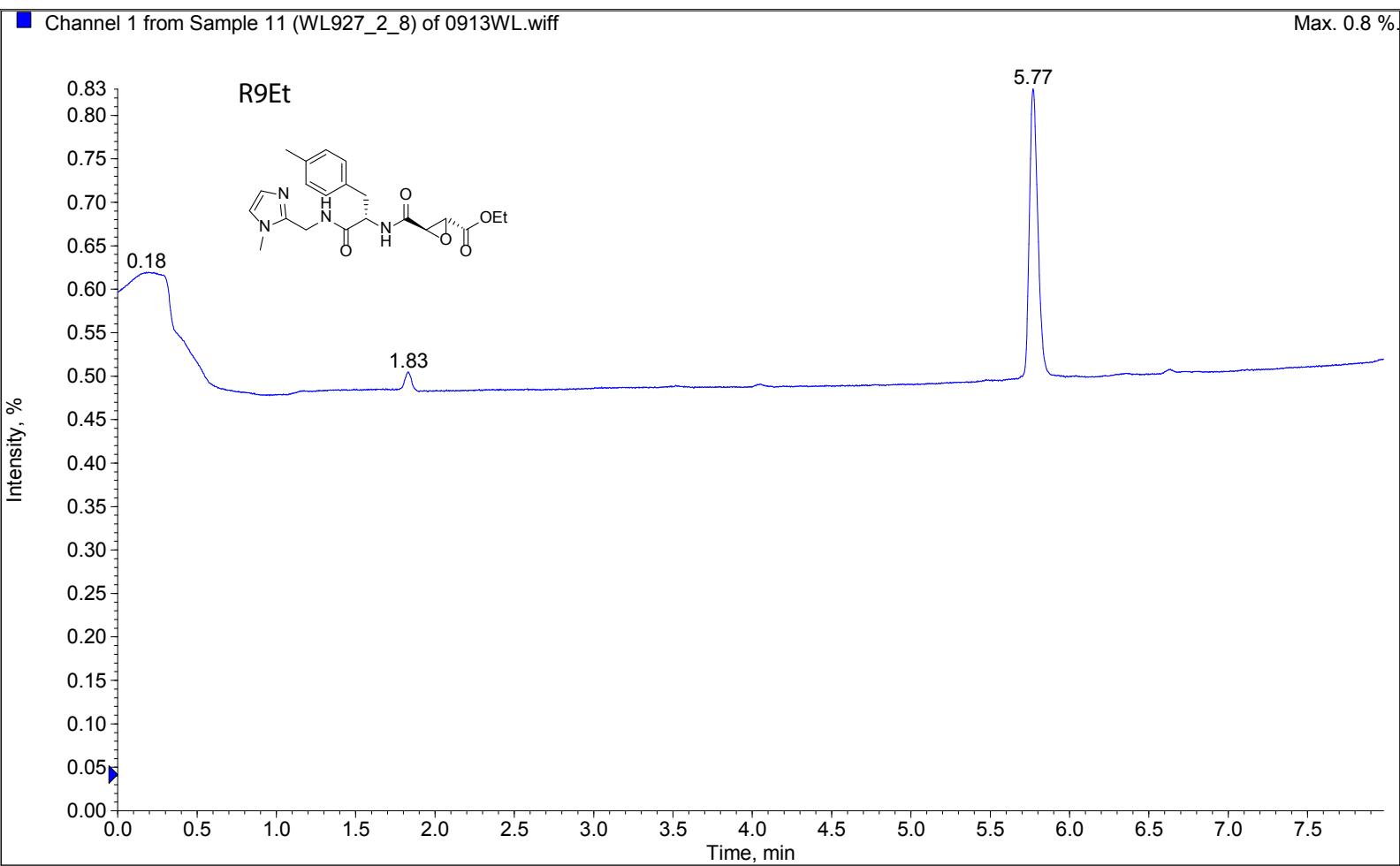












WL948H

Std proton

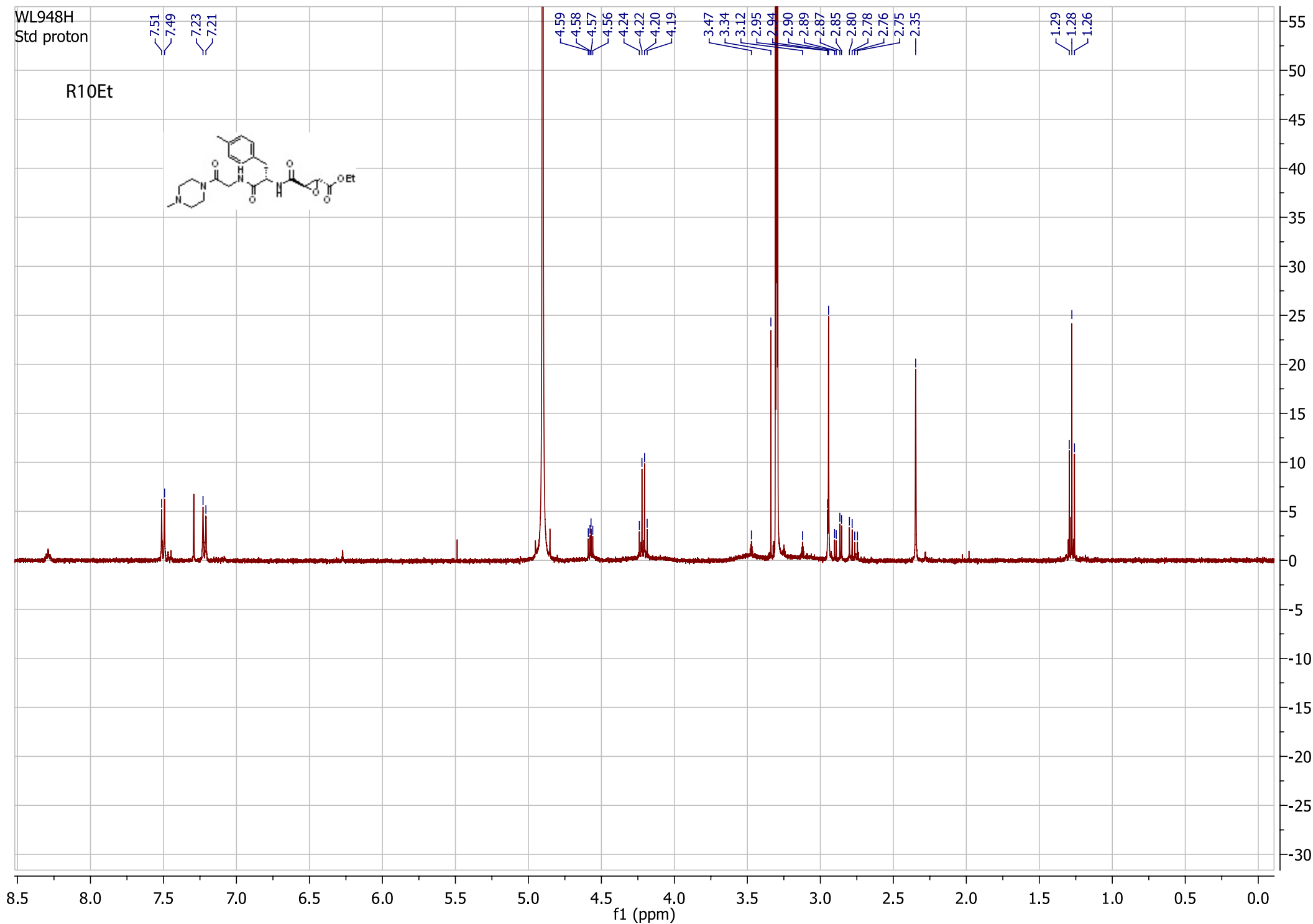
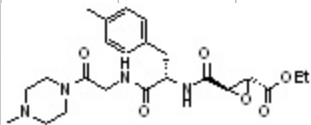
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7.23
7.21

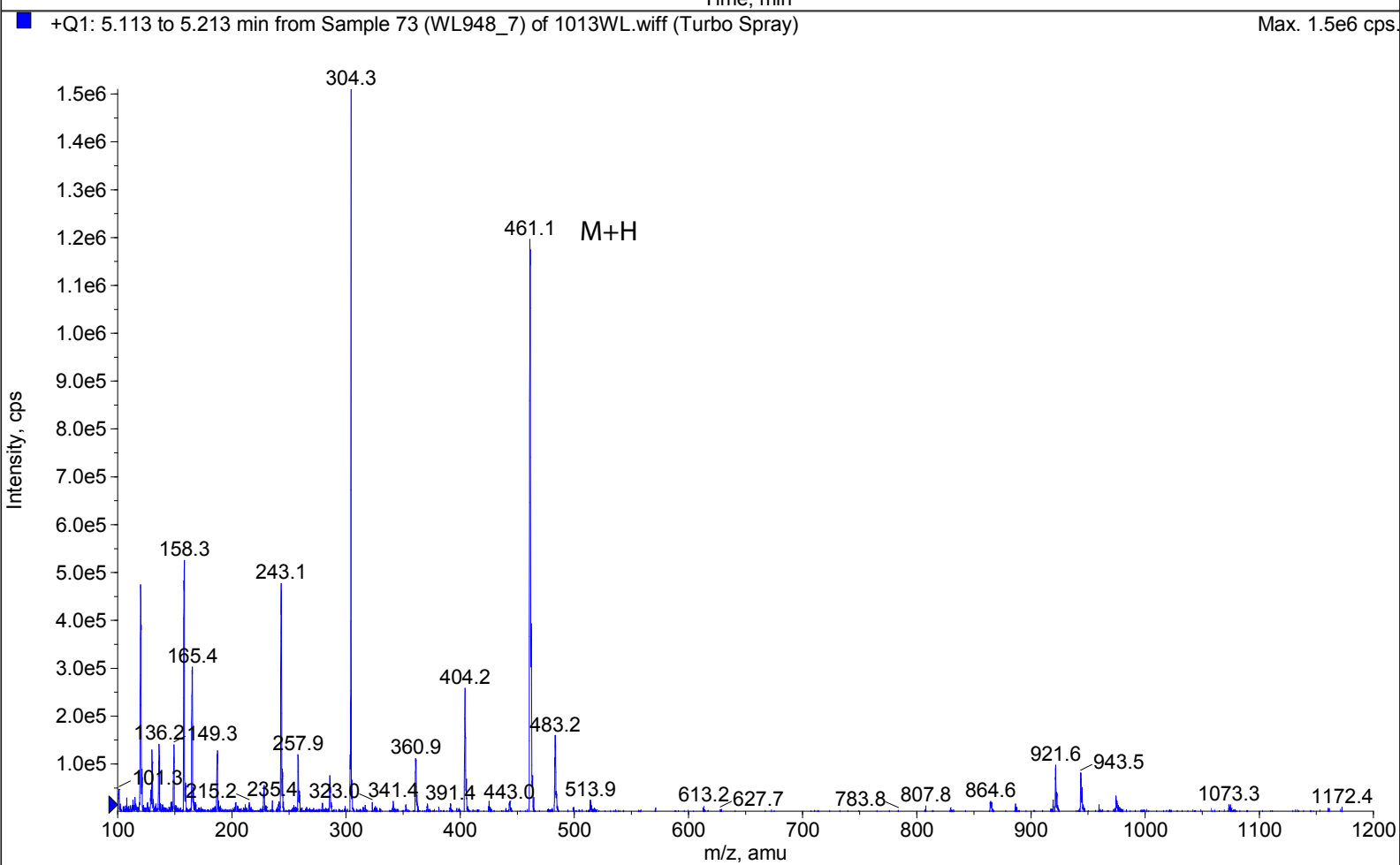
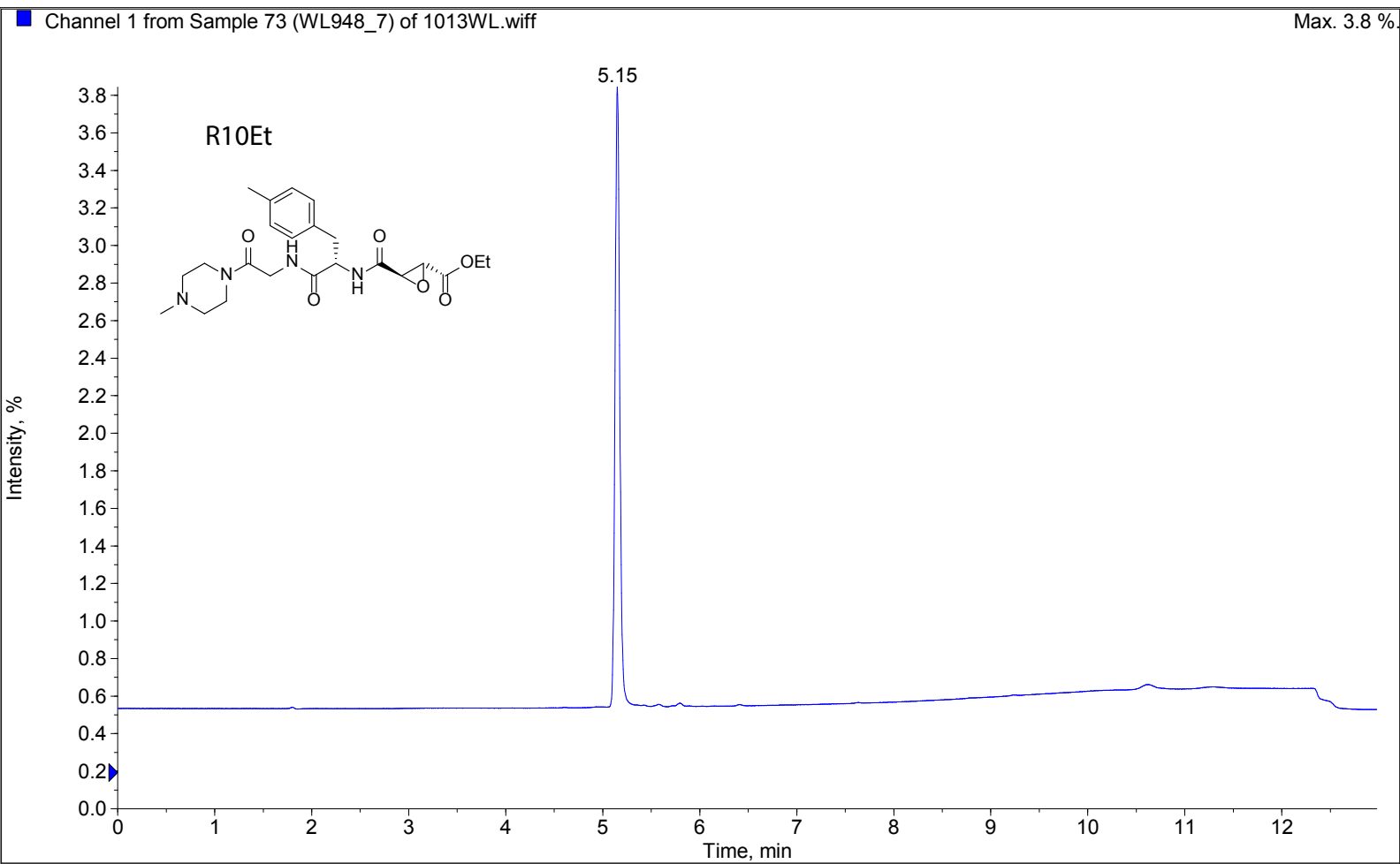
4.59
4.58
4.57
4.56
4.24
4.22
4.20
4.19

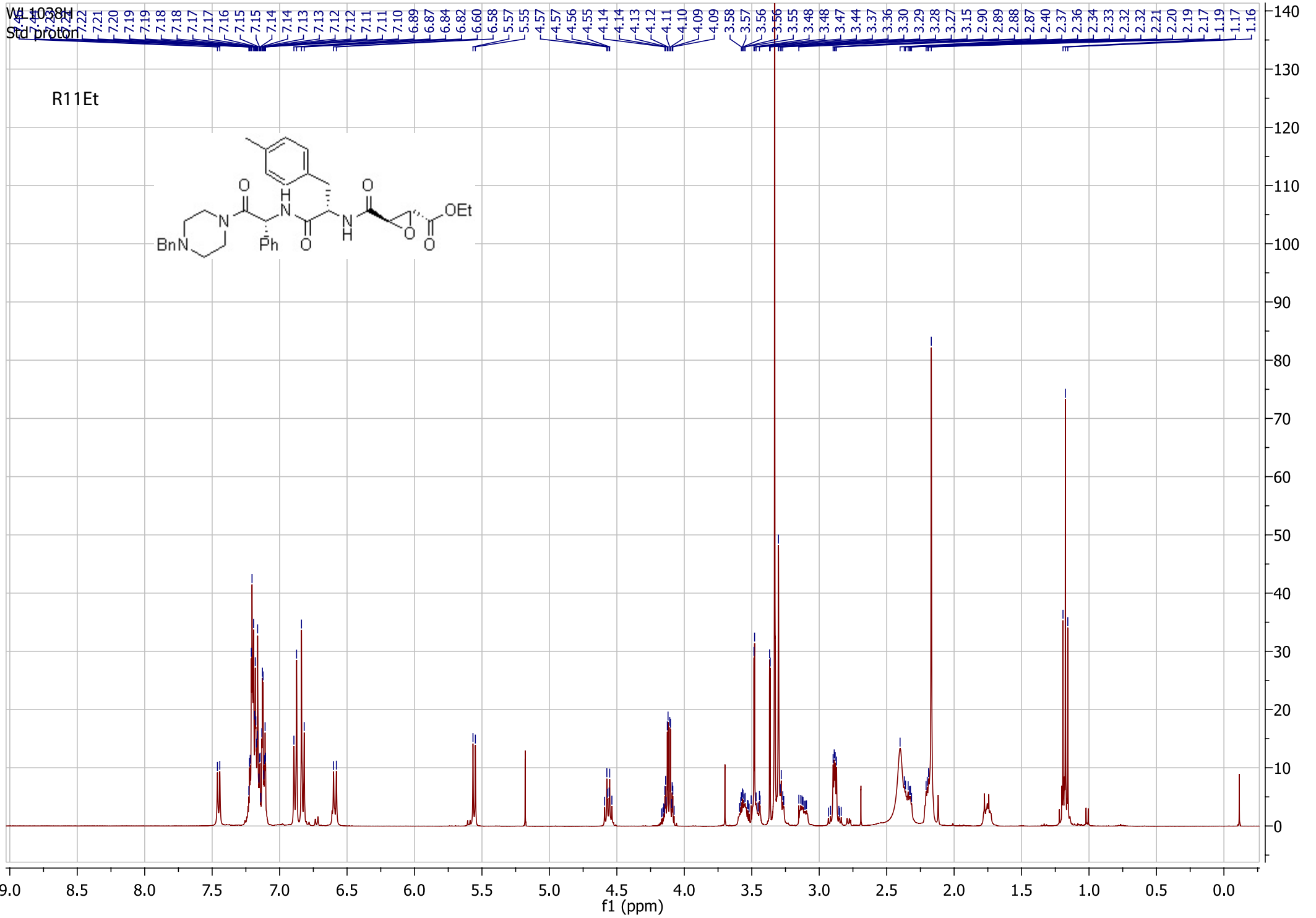
3.47
3.34
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2.95
2.94
2.90
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2.87
2.85
2.80
2.78
2.76
2.75
2.35

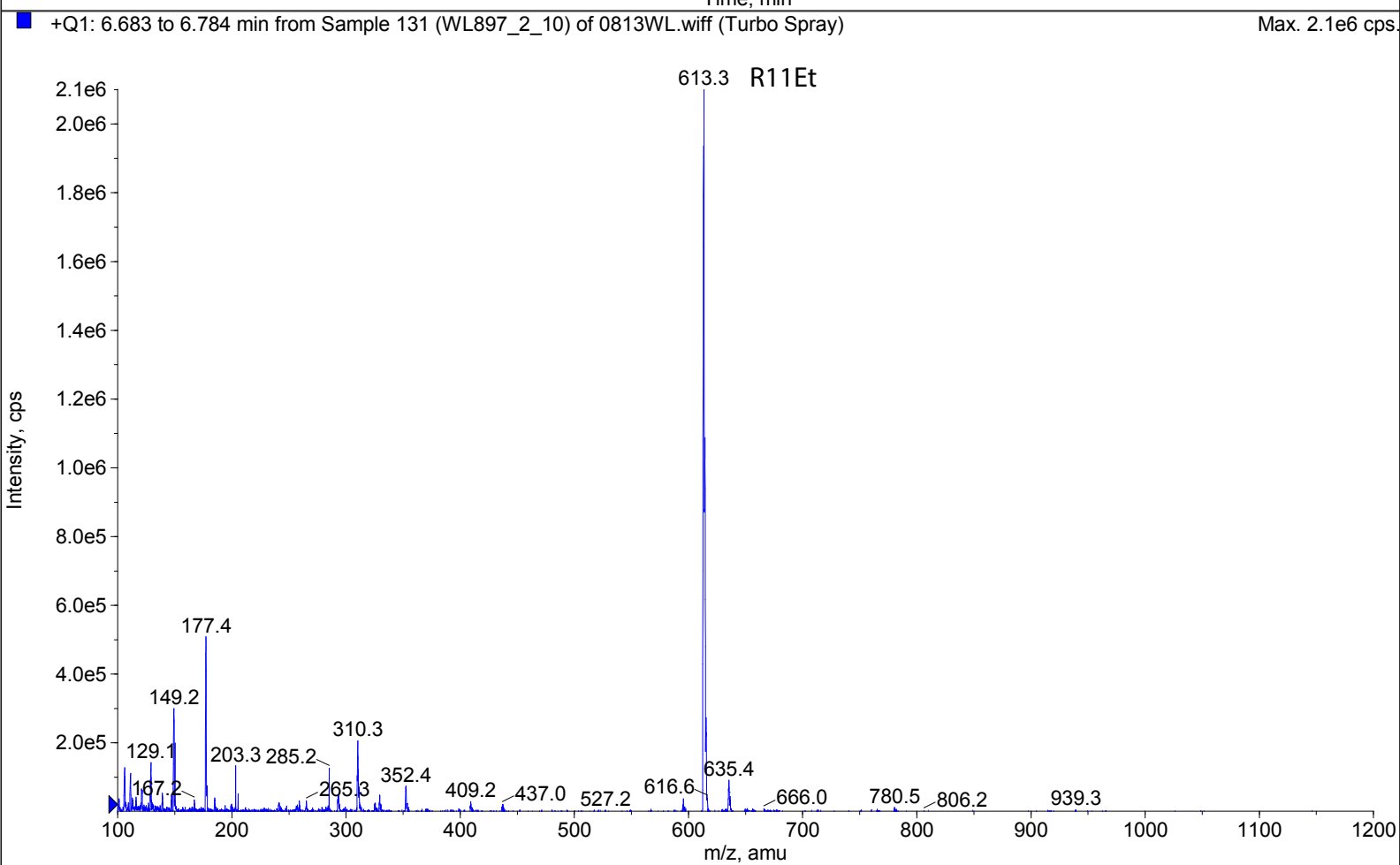
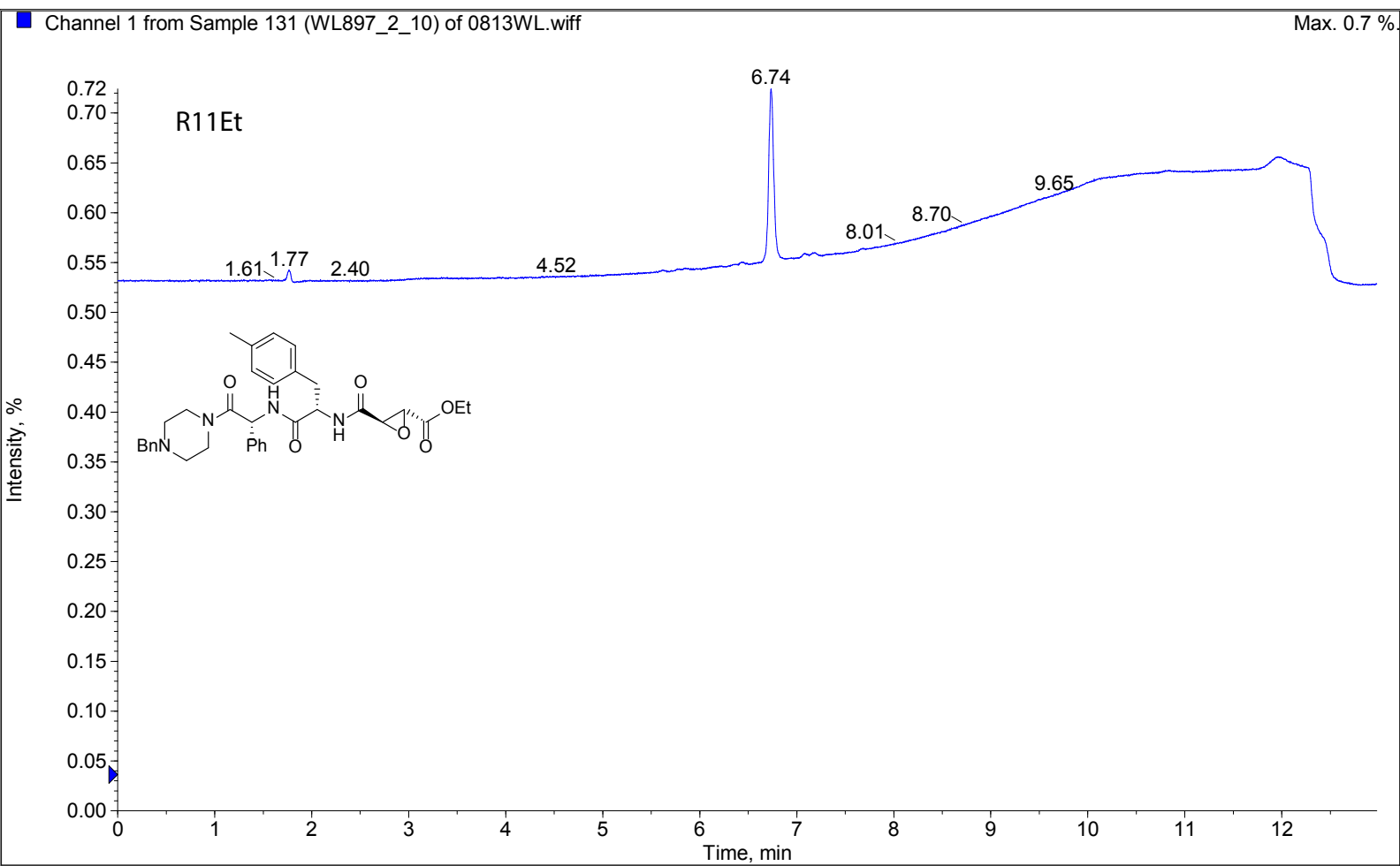
1.29
1.28
1.26

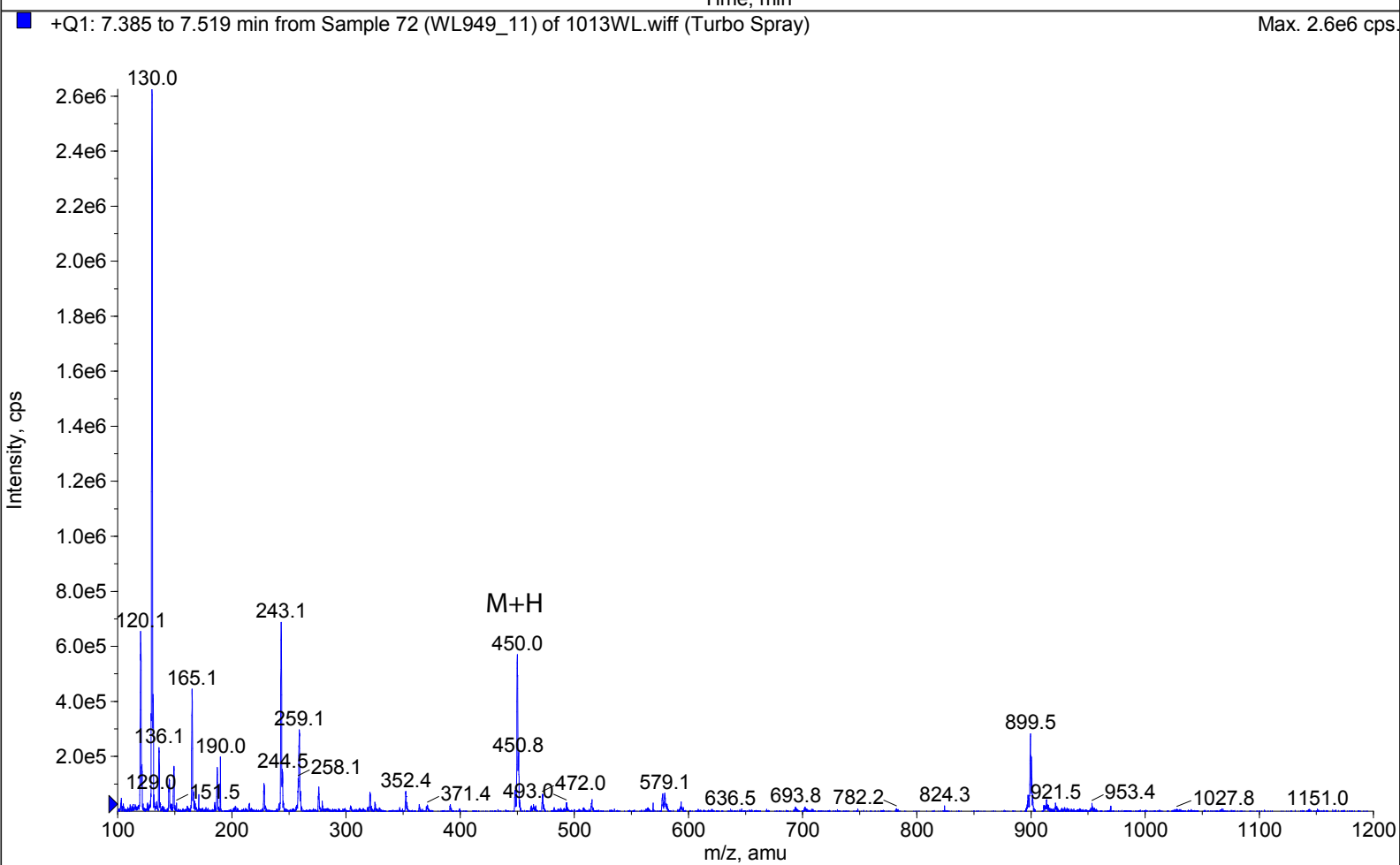
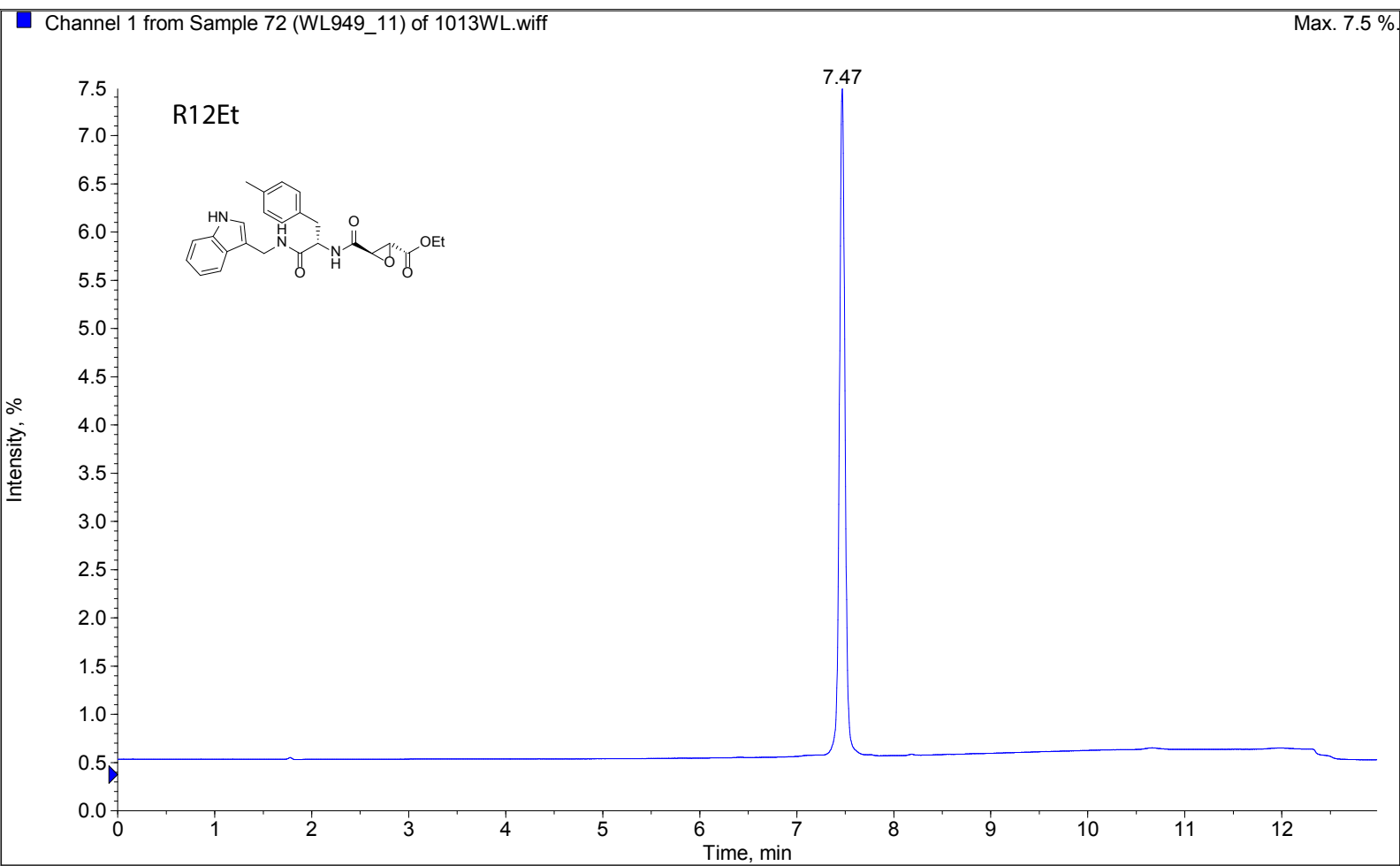
R10Et

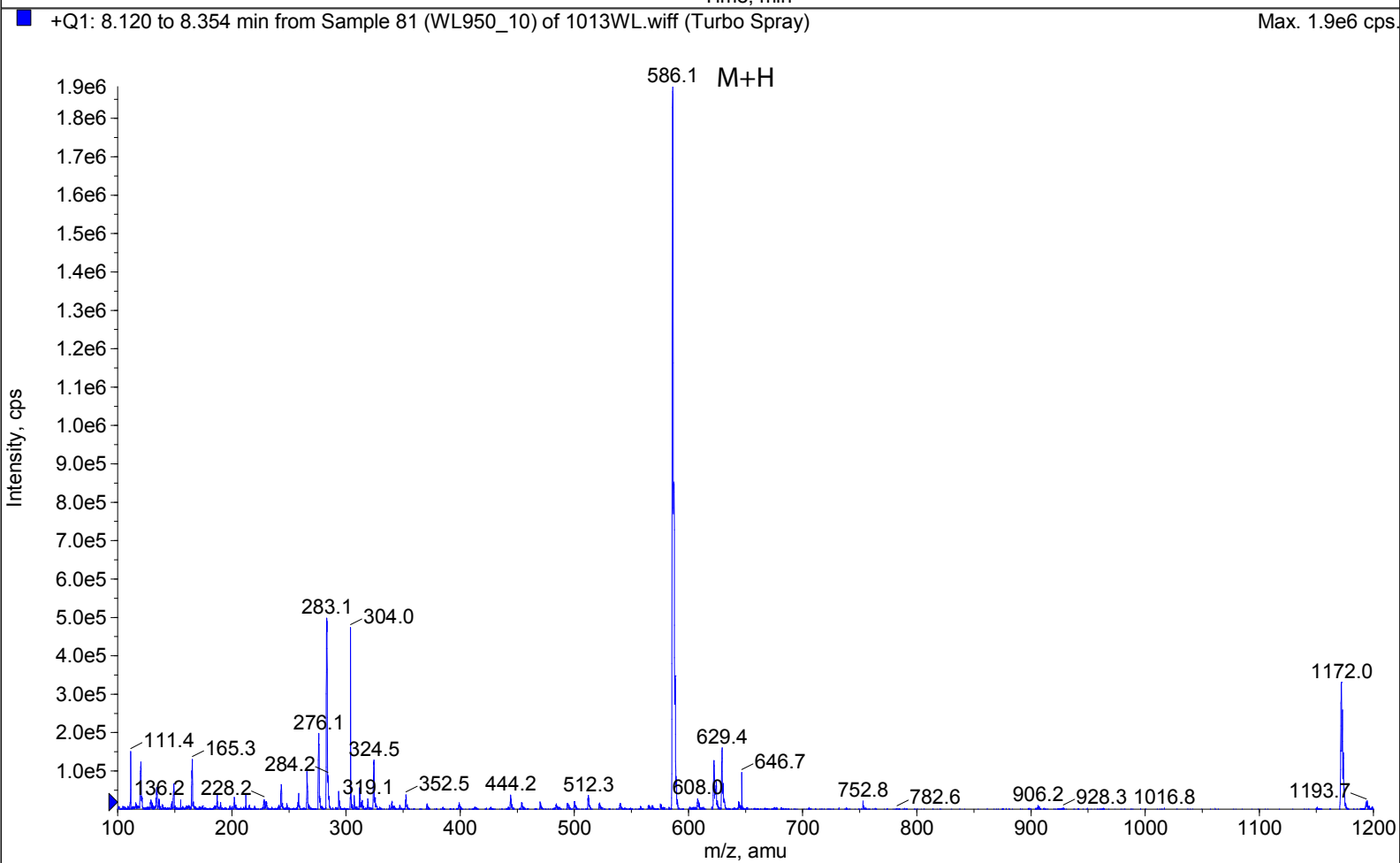
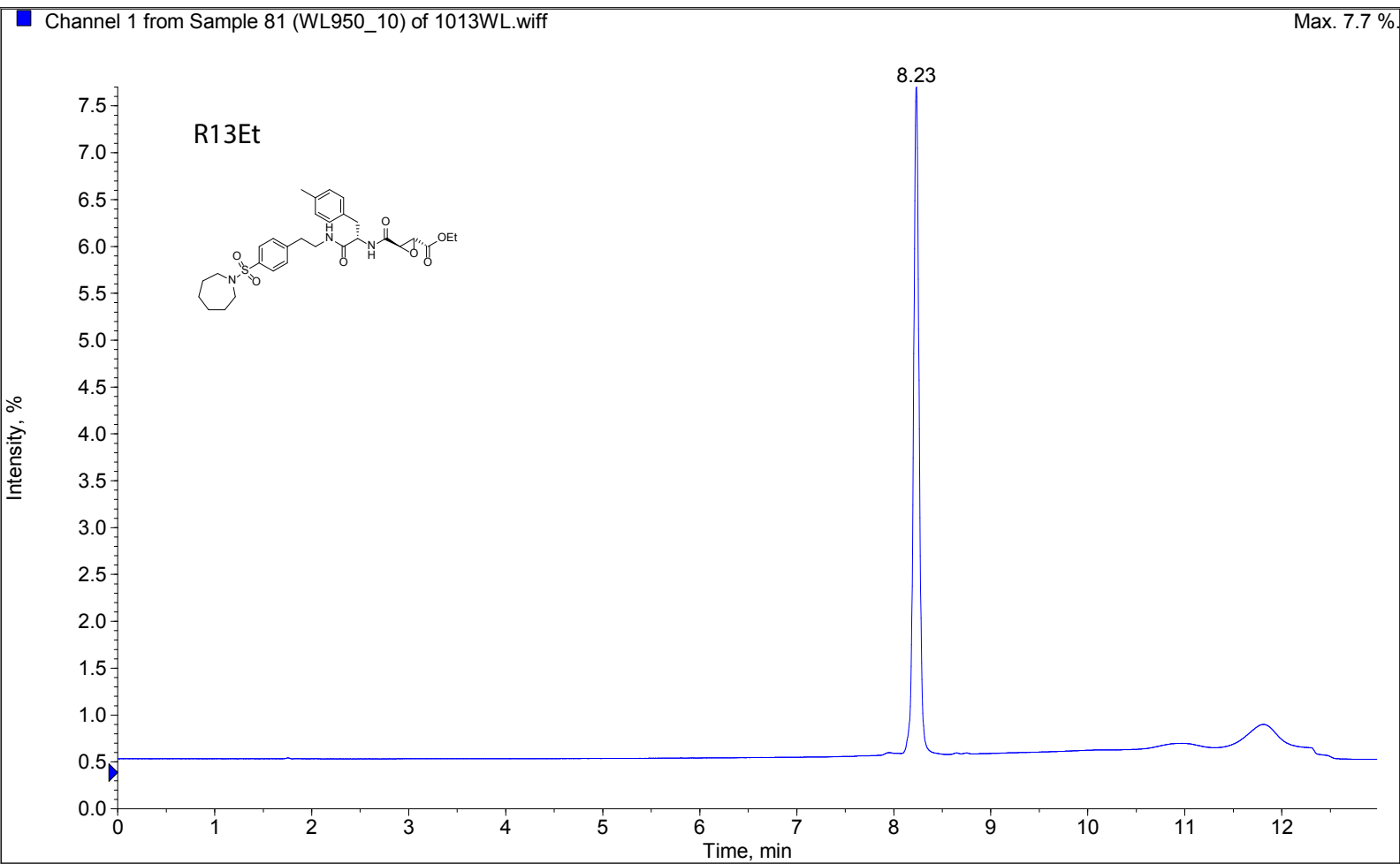






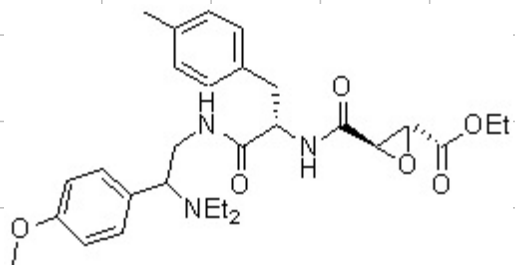




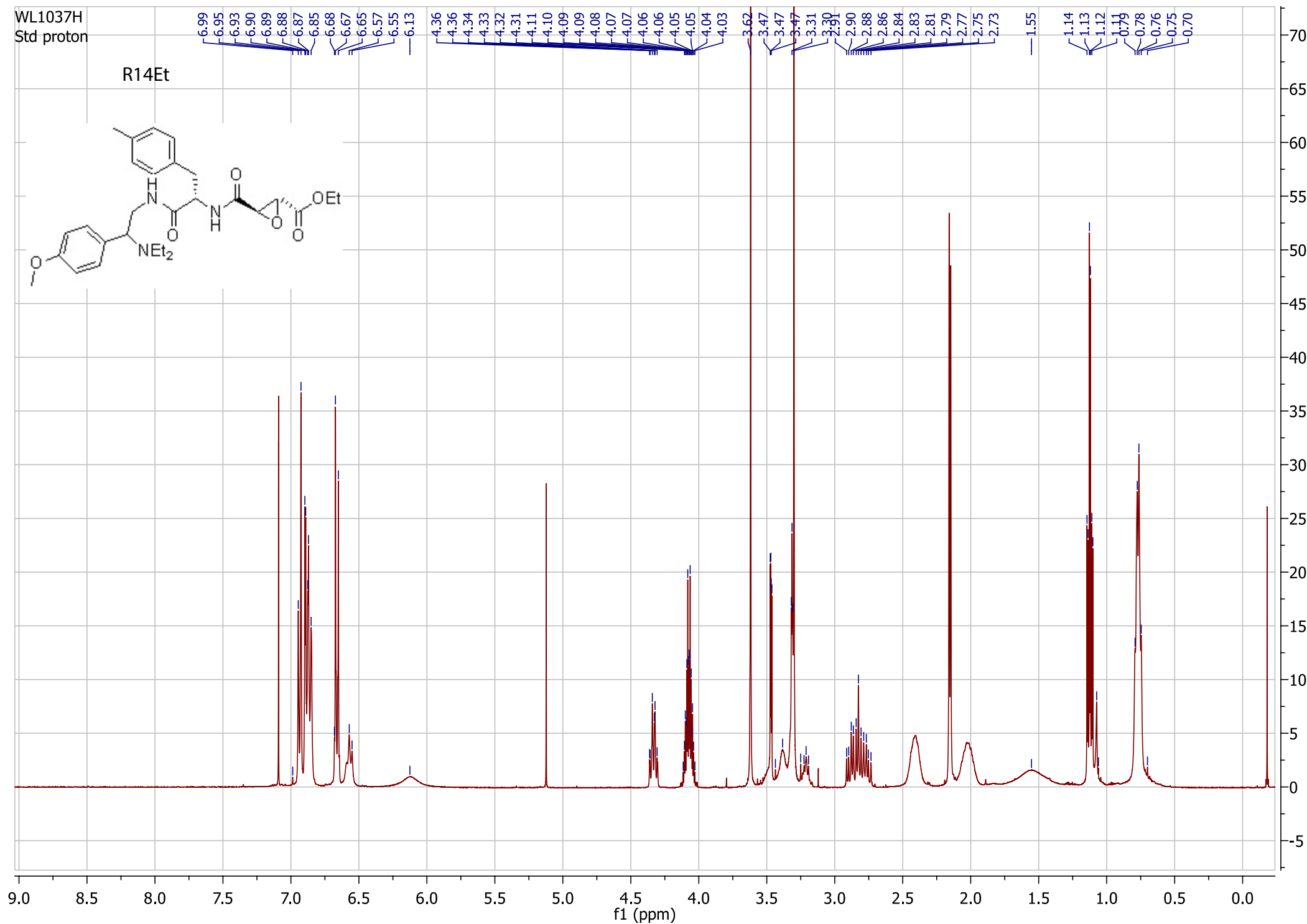


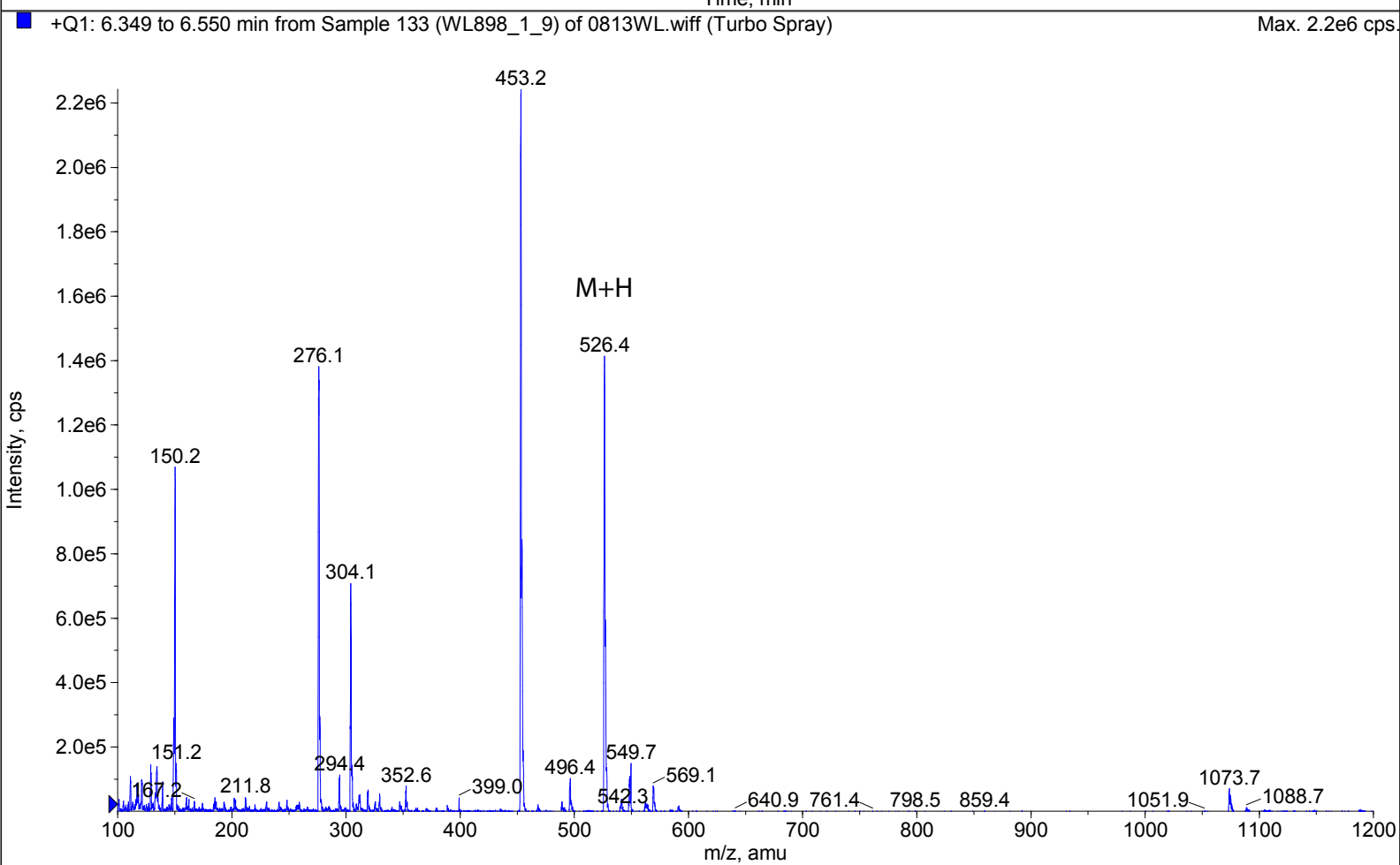
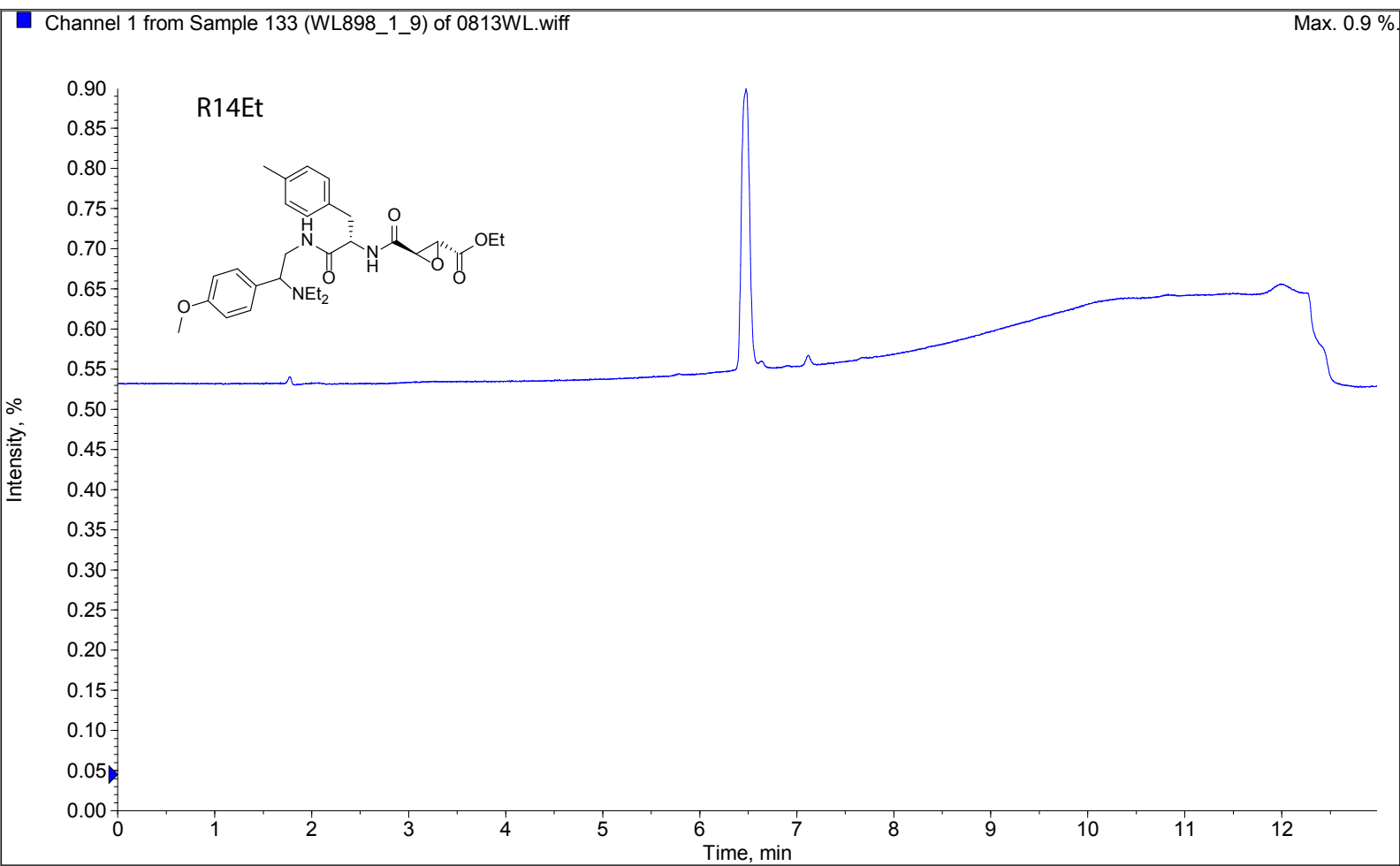
WL1037H
Std proton

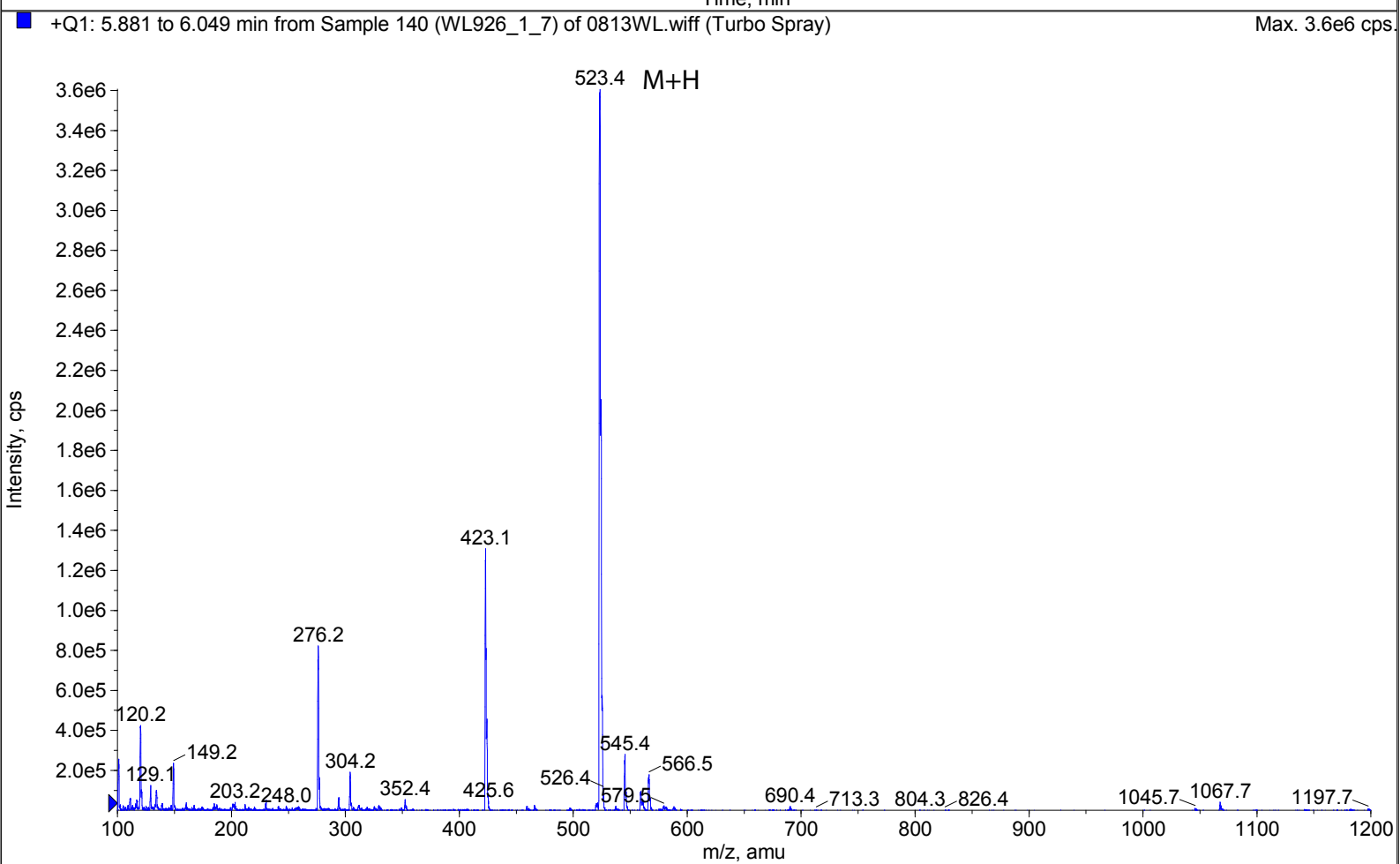
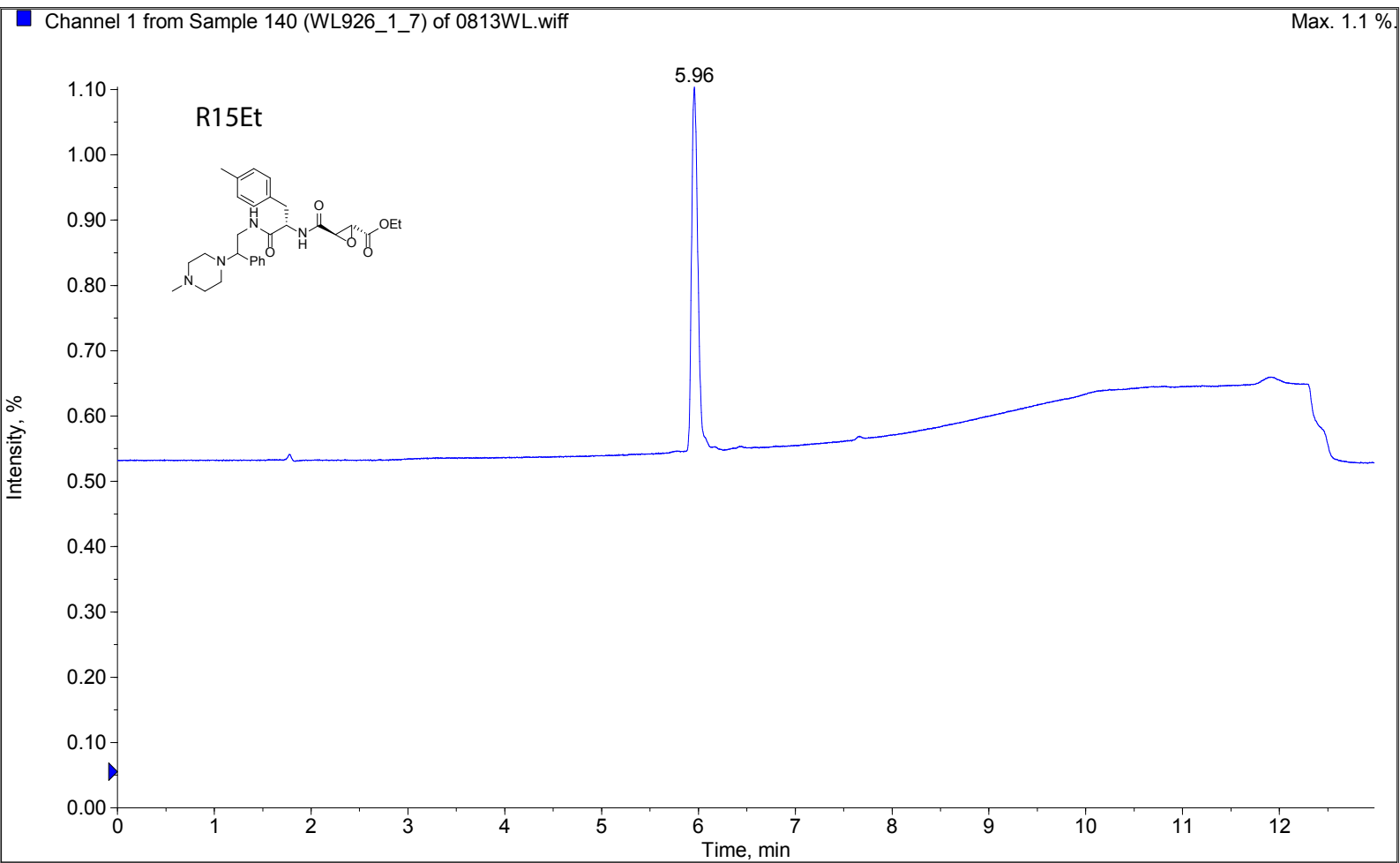
R14Et

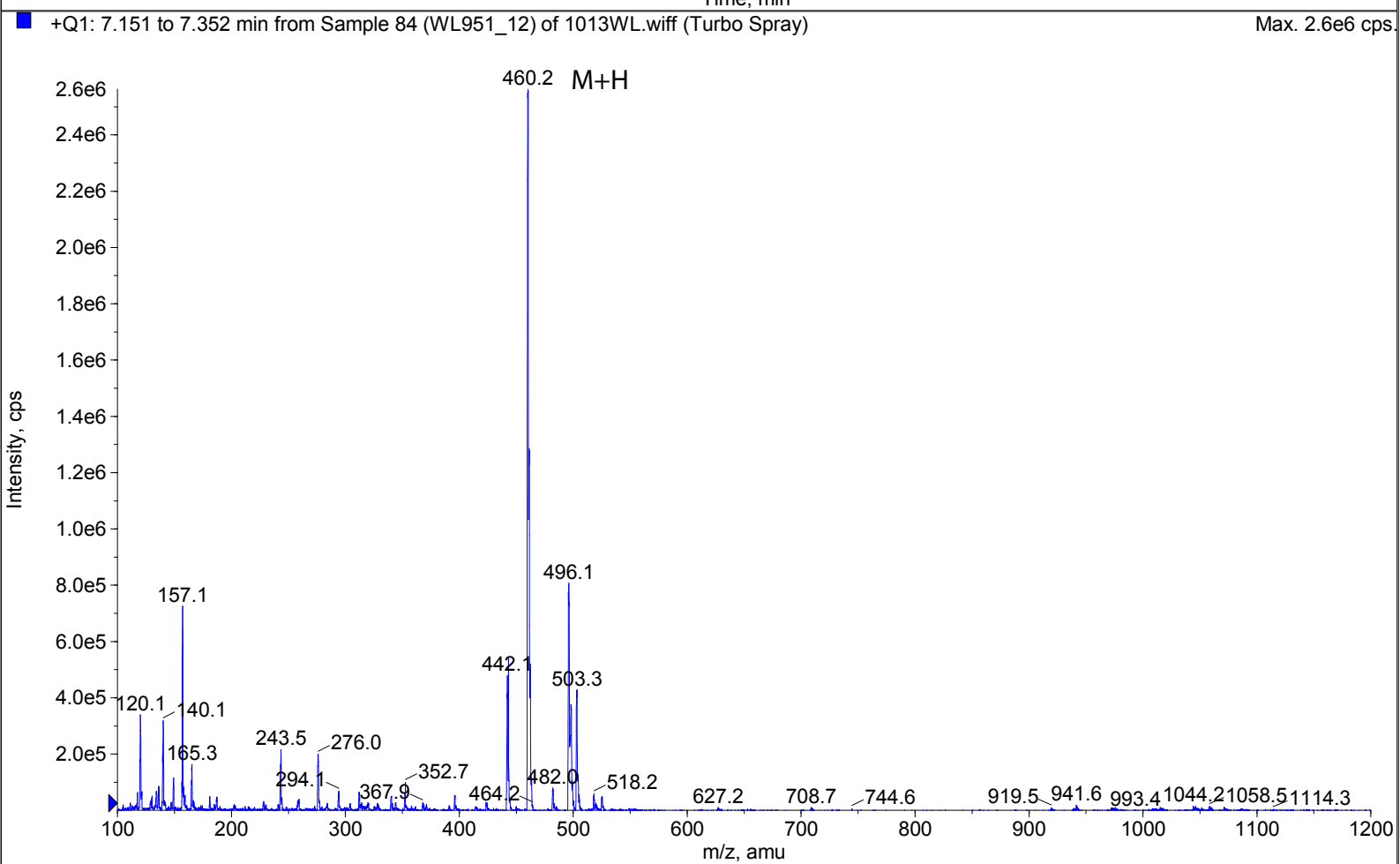
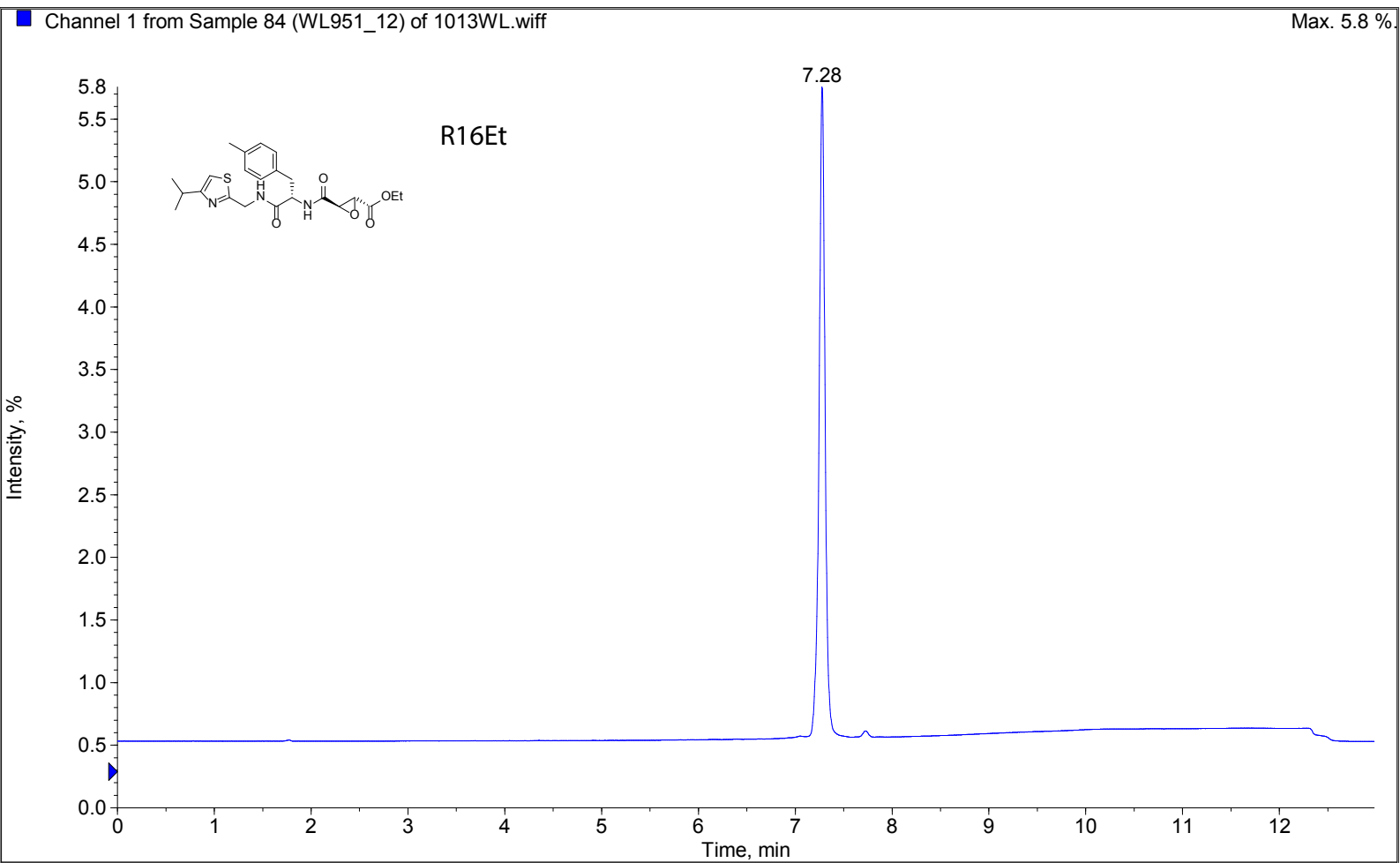


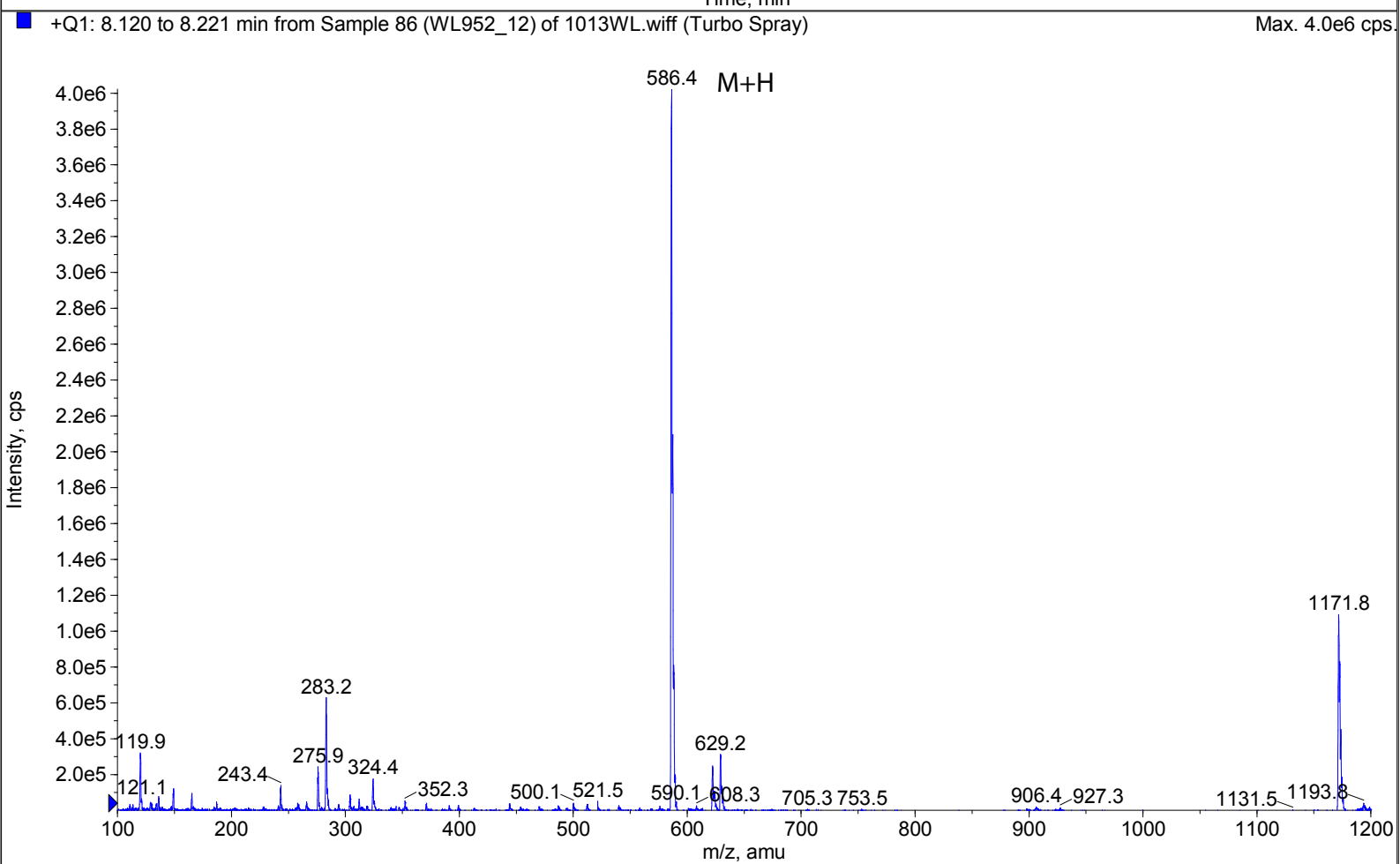
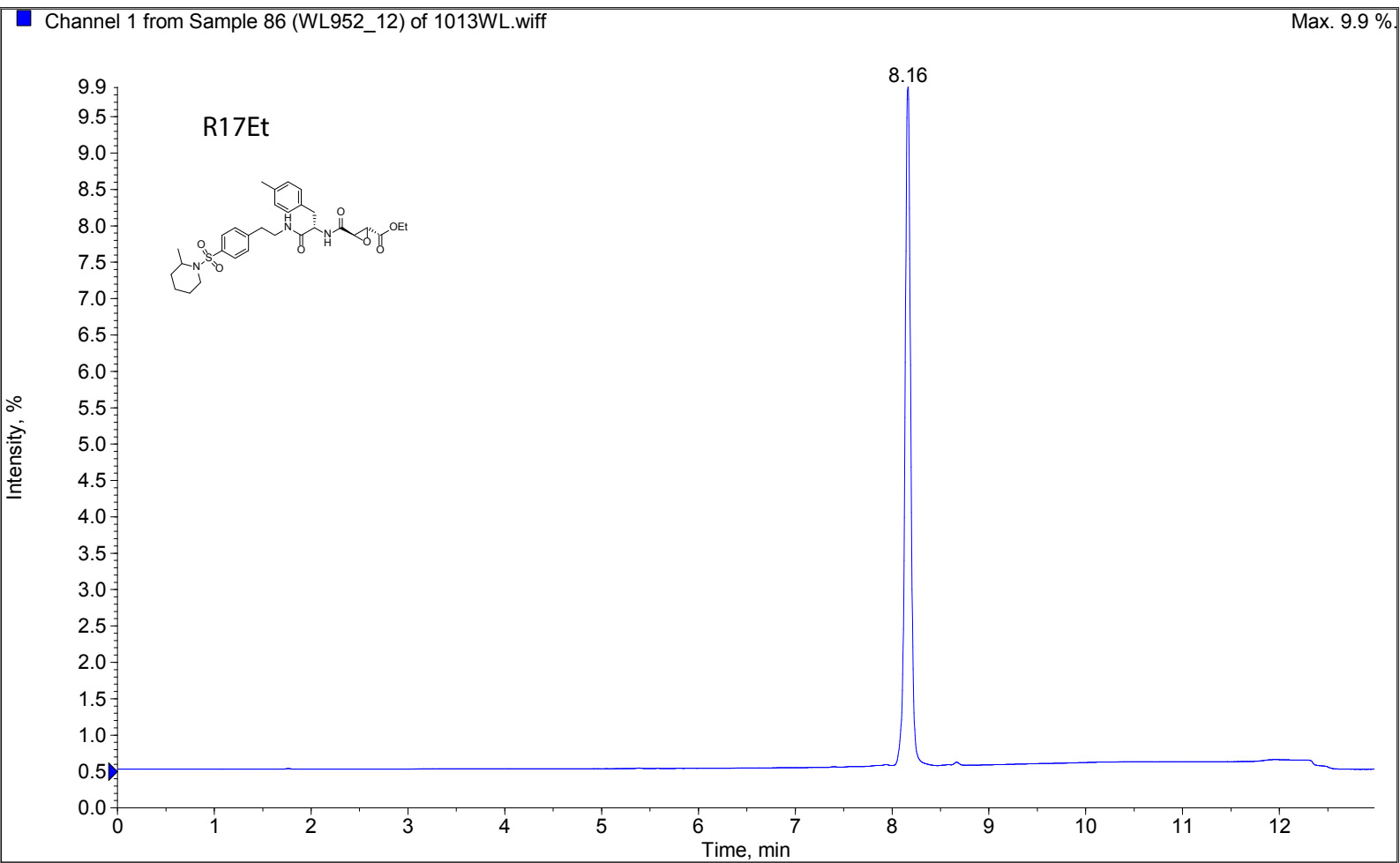
6.99 6.95 6.93 6.90 6.89 6.88 6.87 6.85 6.68 6.67 6.65 6.57 6.55 6.13 4.36 4.36 4.34 4.33 4.32 4.31 4.11 4.10 4.09 4.08 4.07 4.07 4.06 4.06 4.05 4.04 4.03 3.62 3.47 3.47 3.31 3.30 2.90 2.88 2.86 2.84 2.83 2.81 2.79 2.77 2.75 2.73 1.55 1.14 1.13 1.12 0.79 0.78 0.76 0.75 0.70

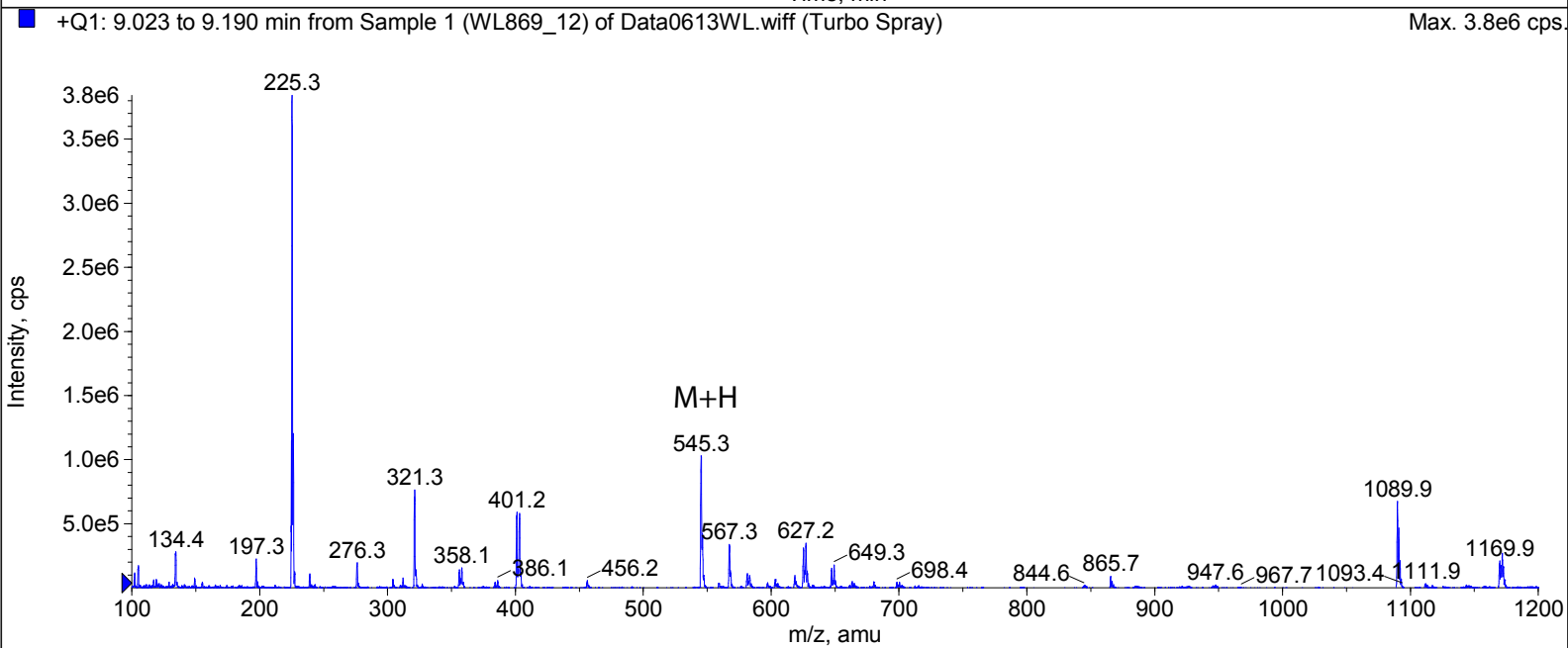
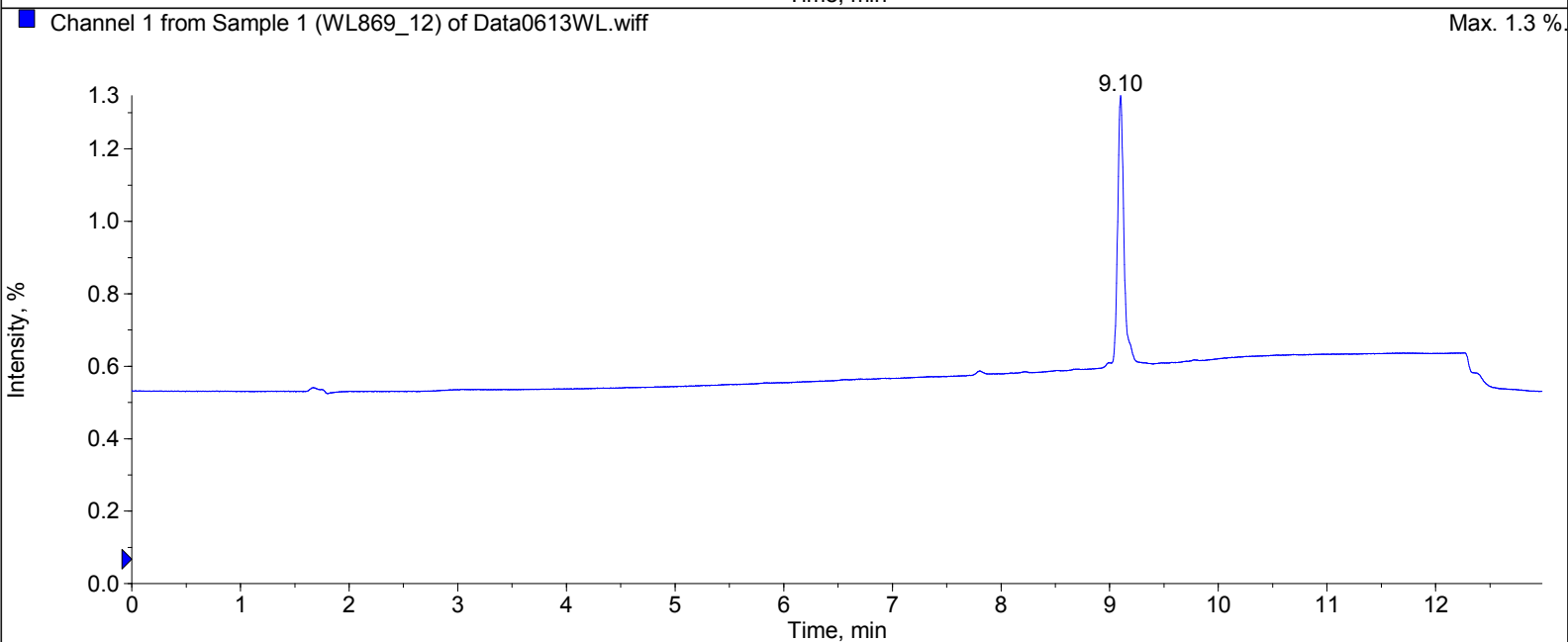
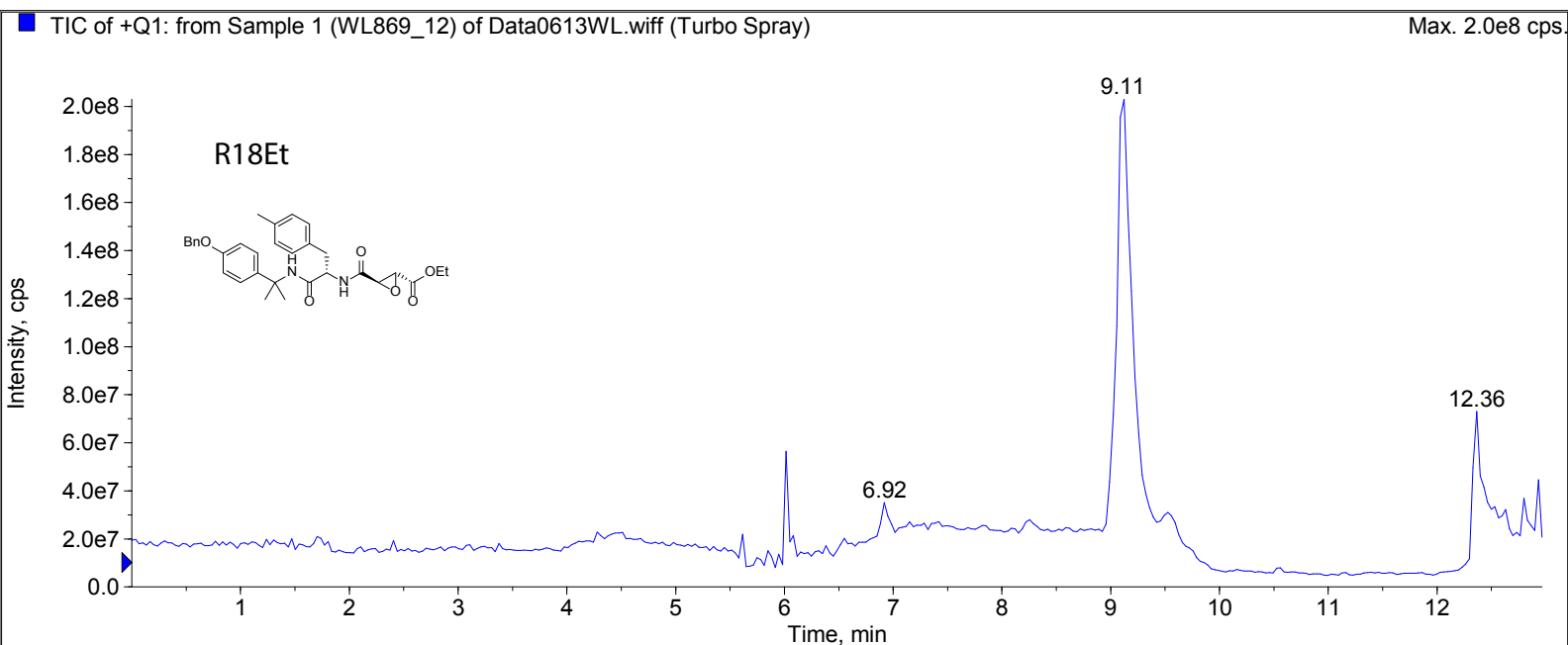


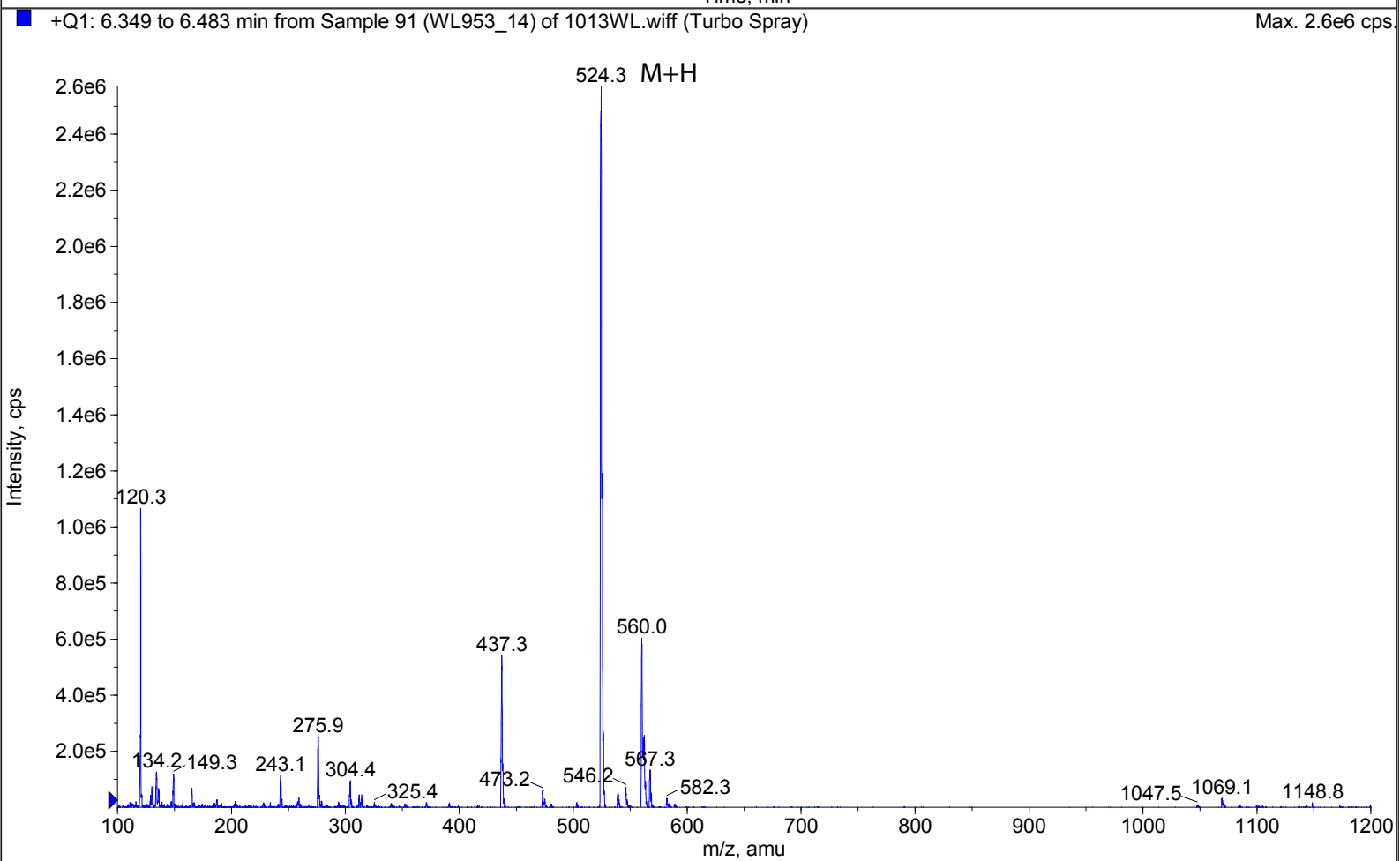
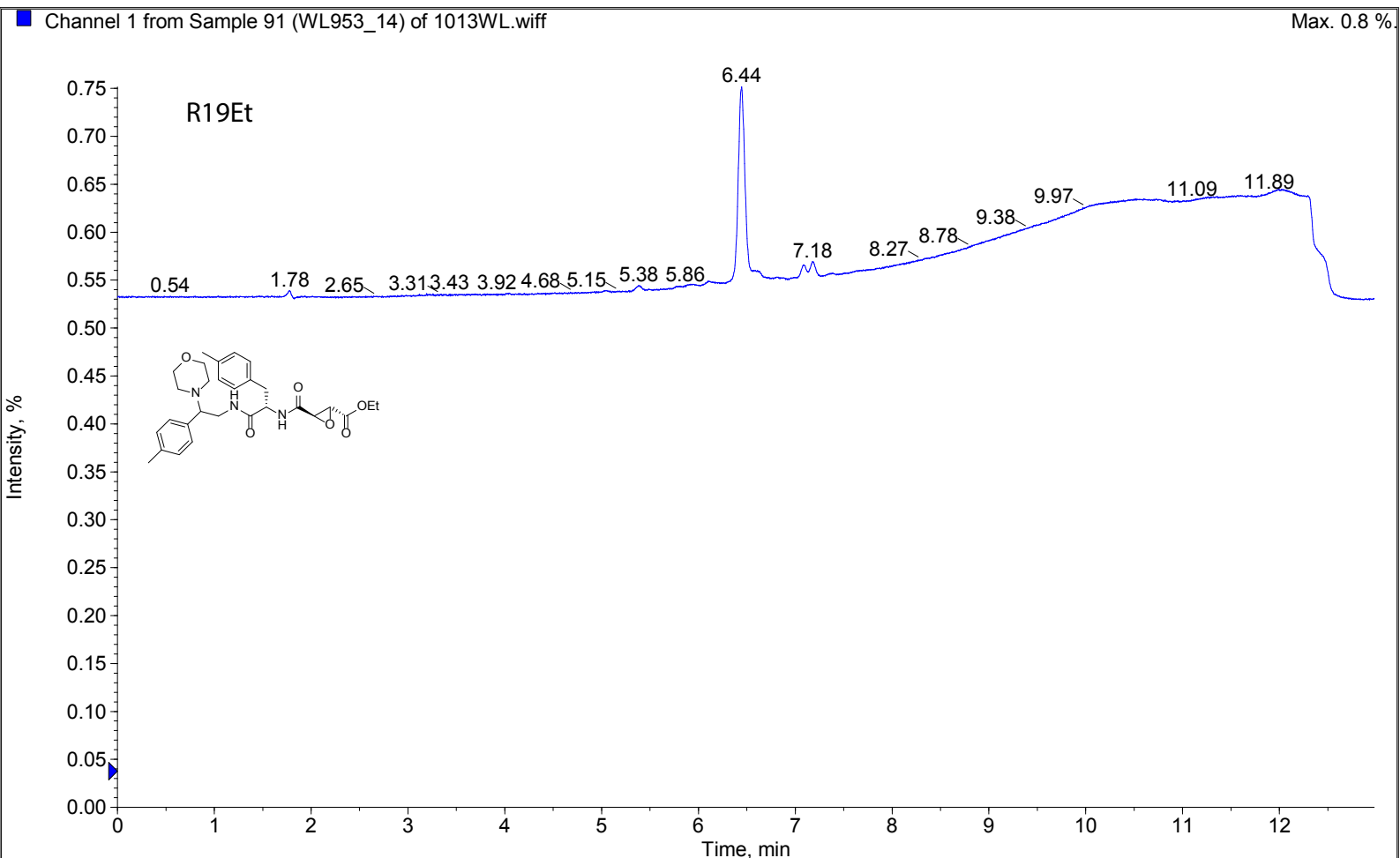


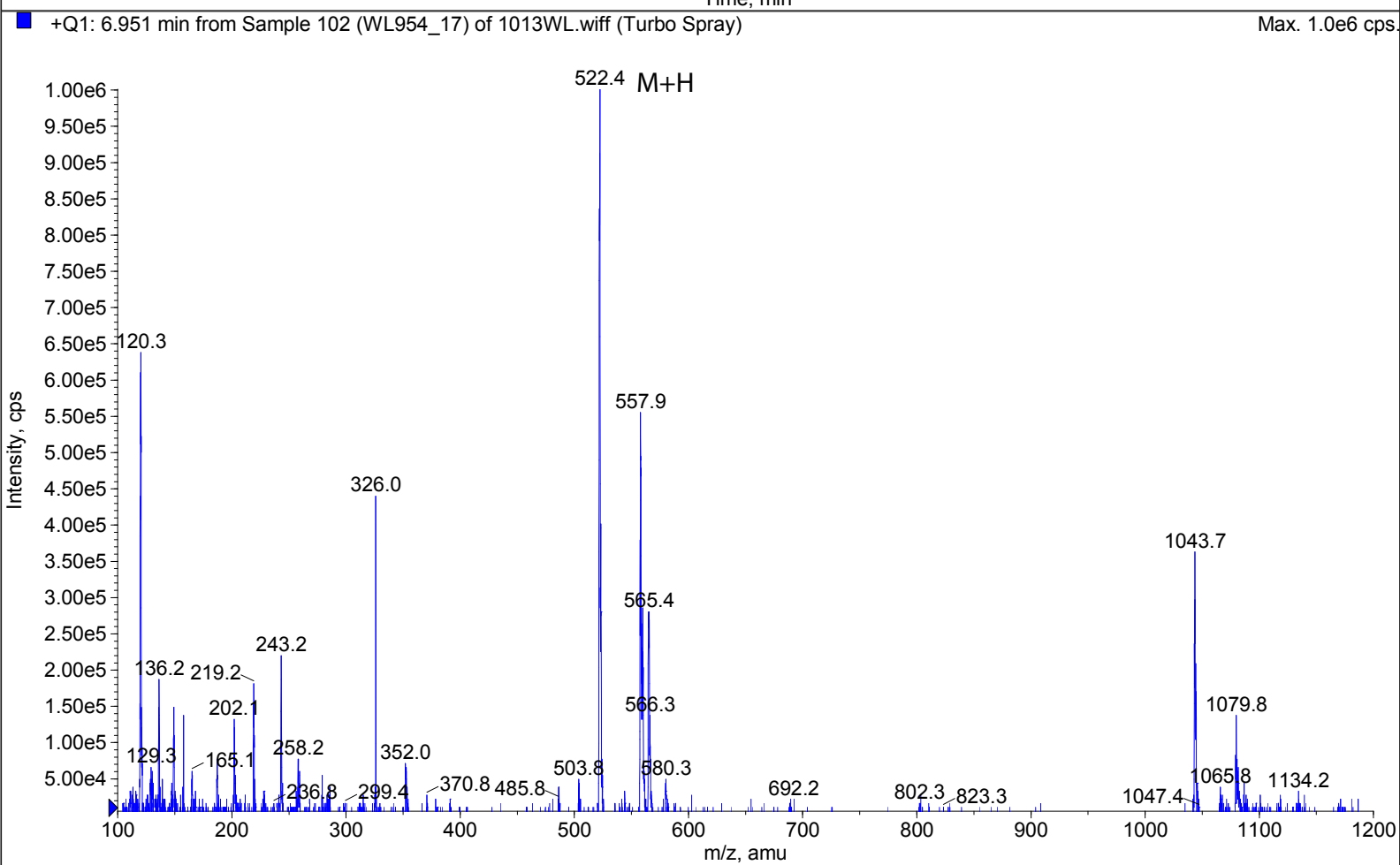
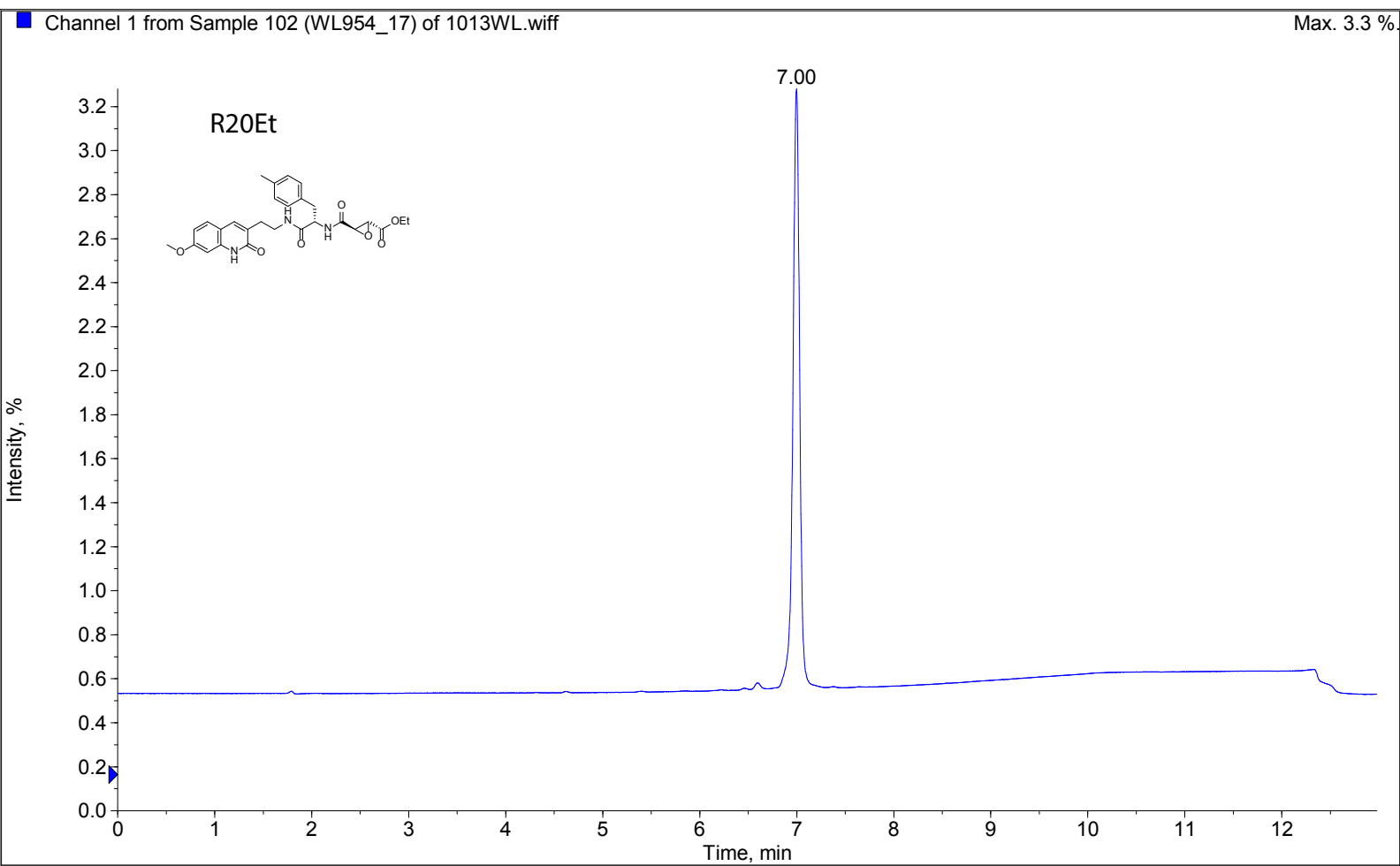


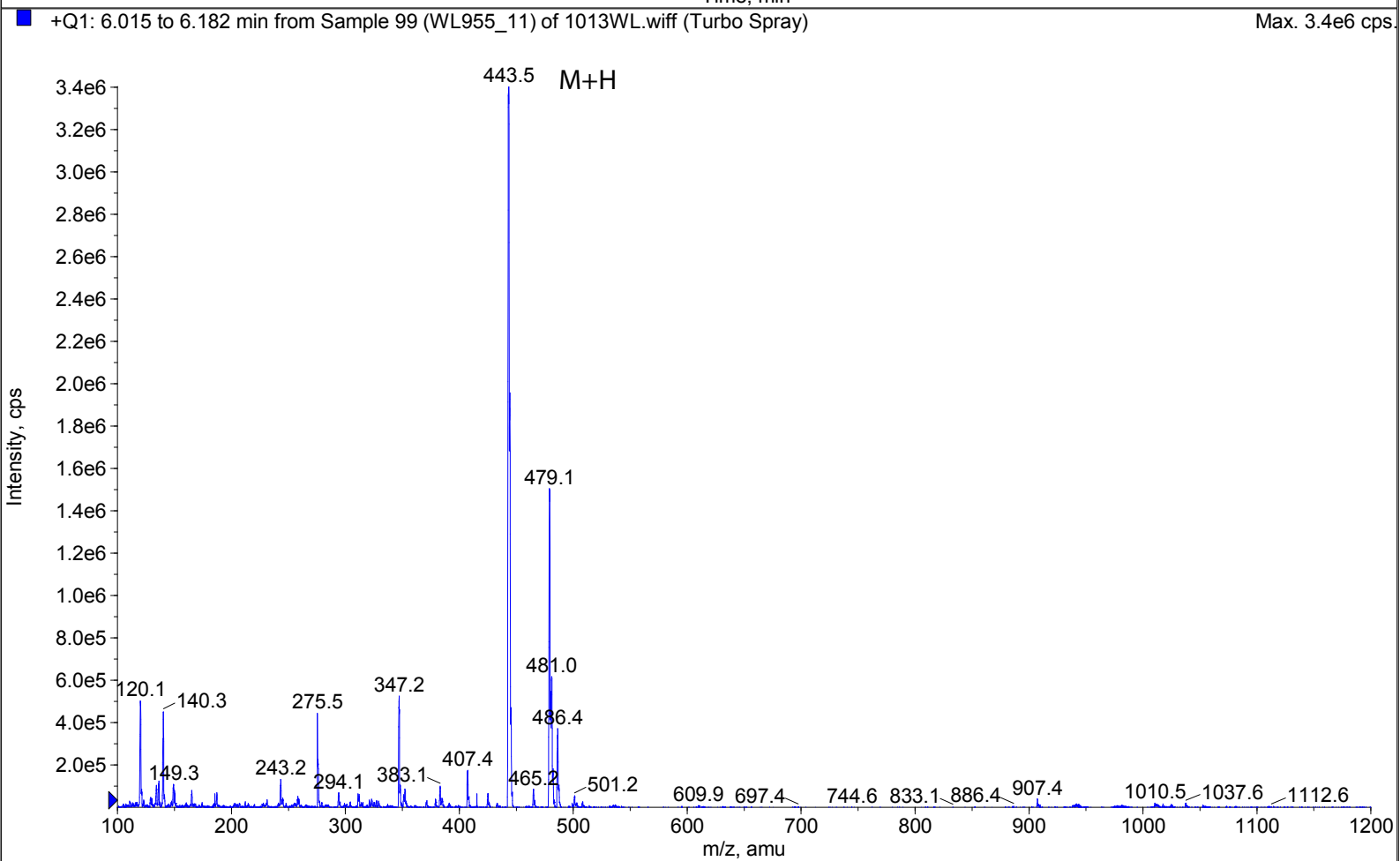
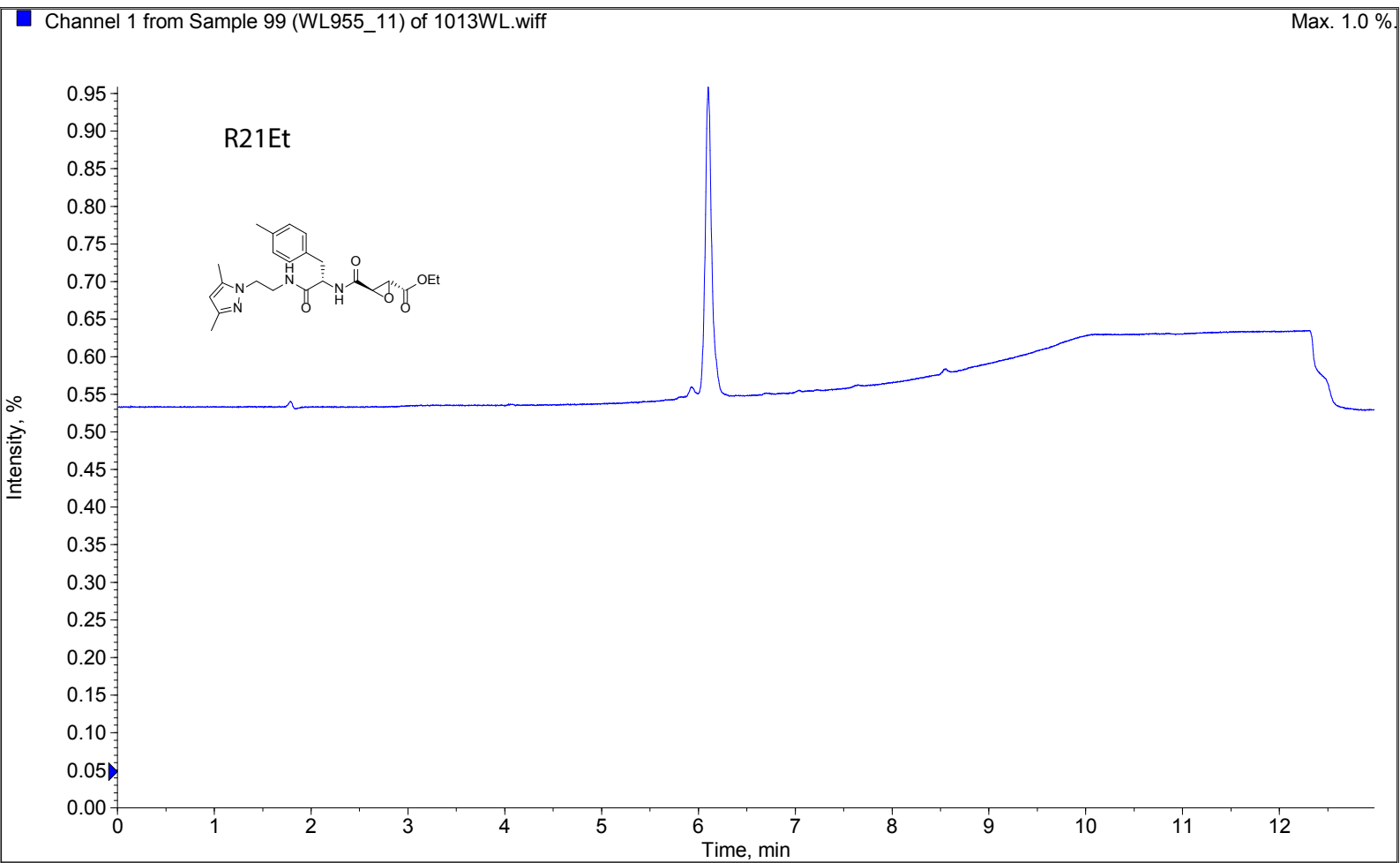


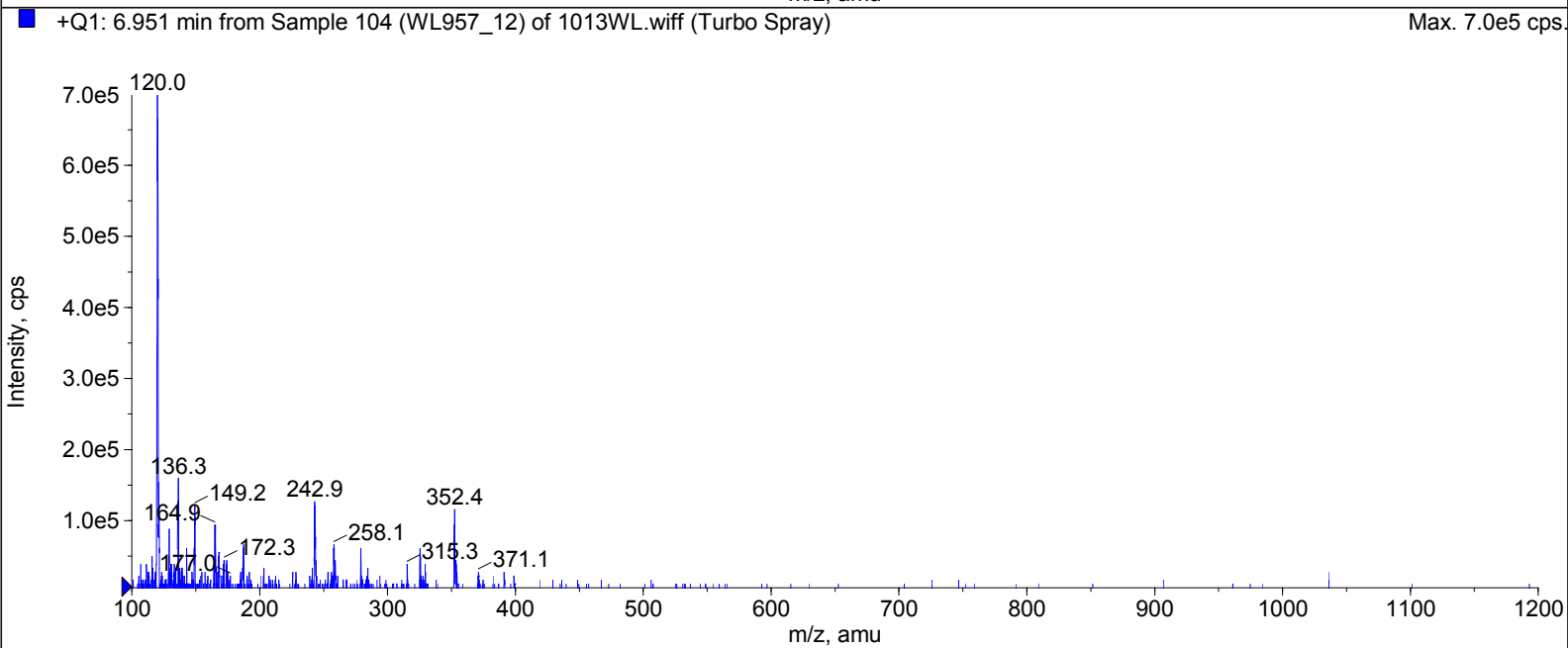
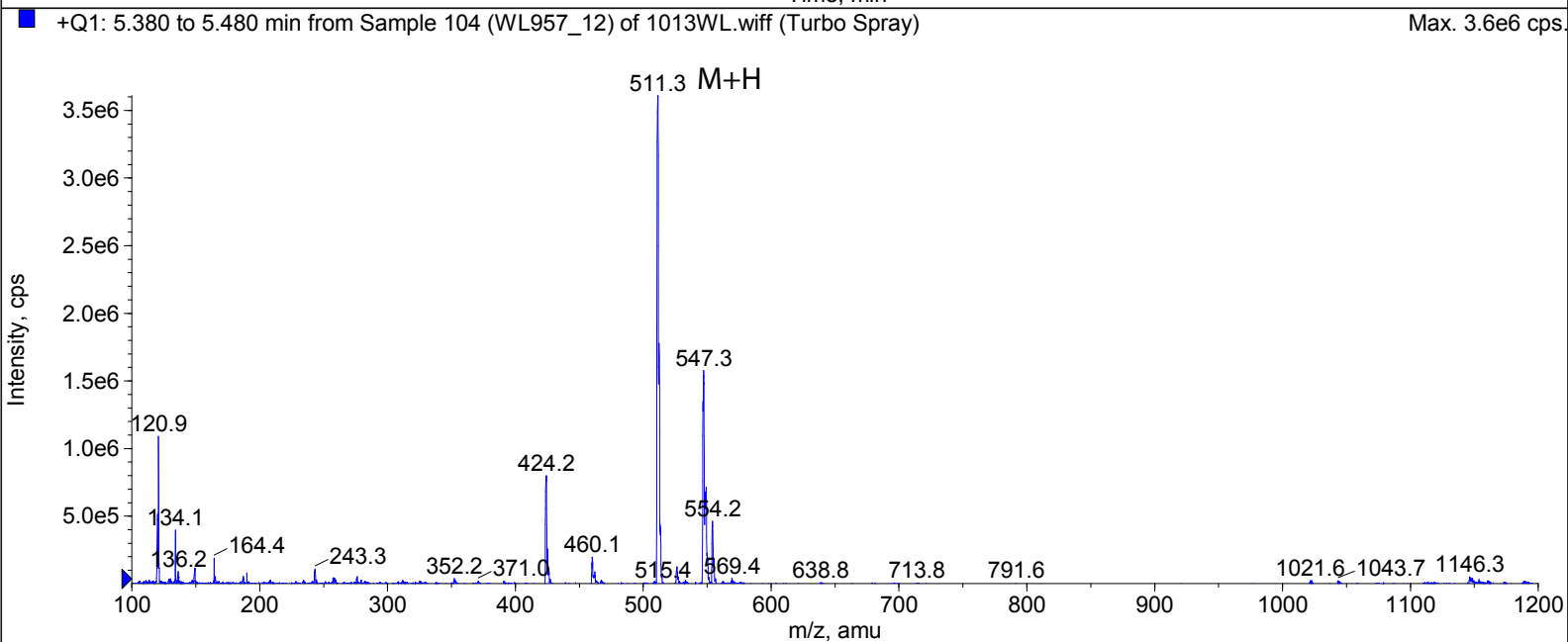
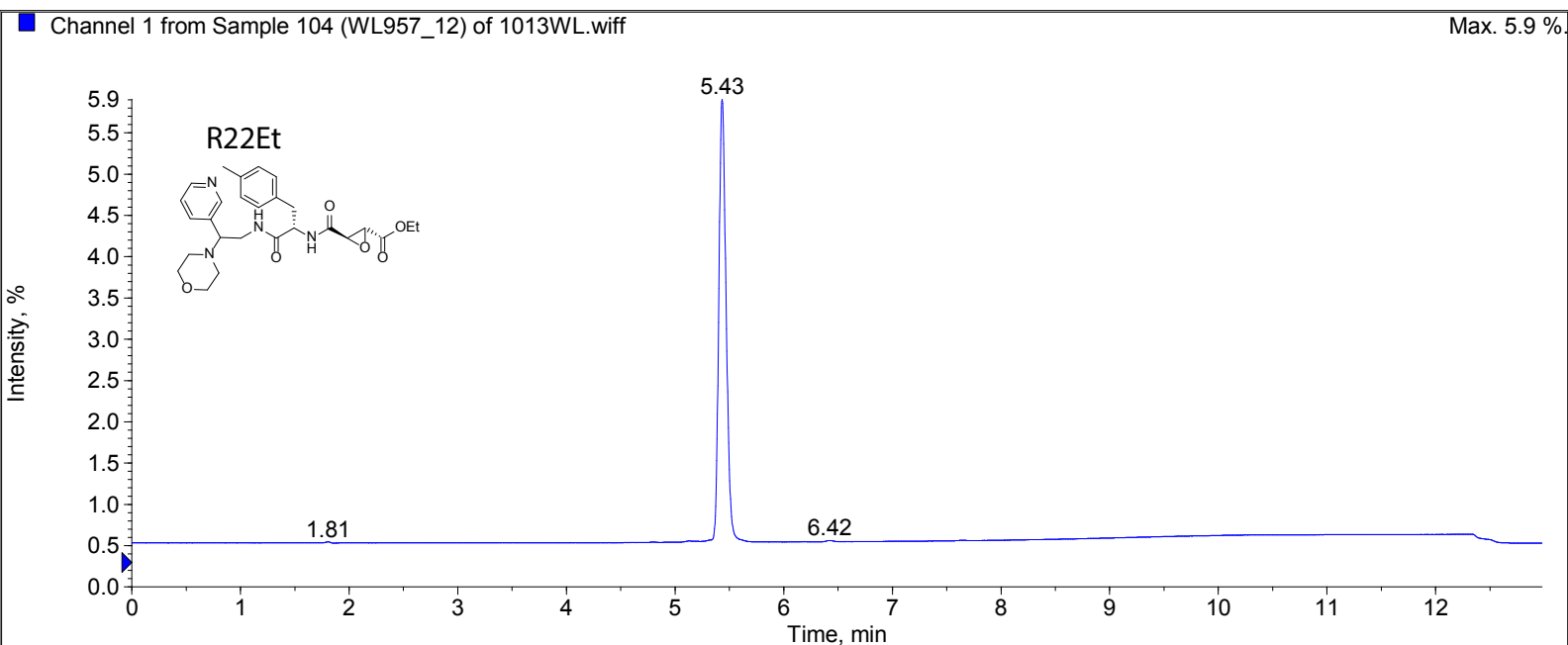


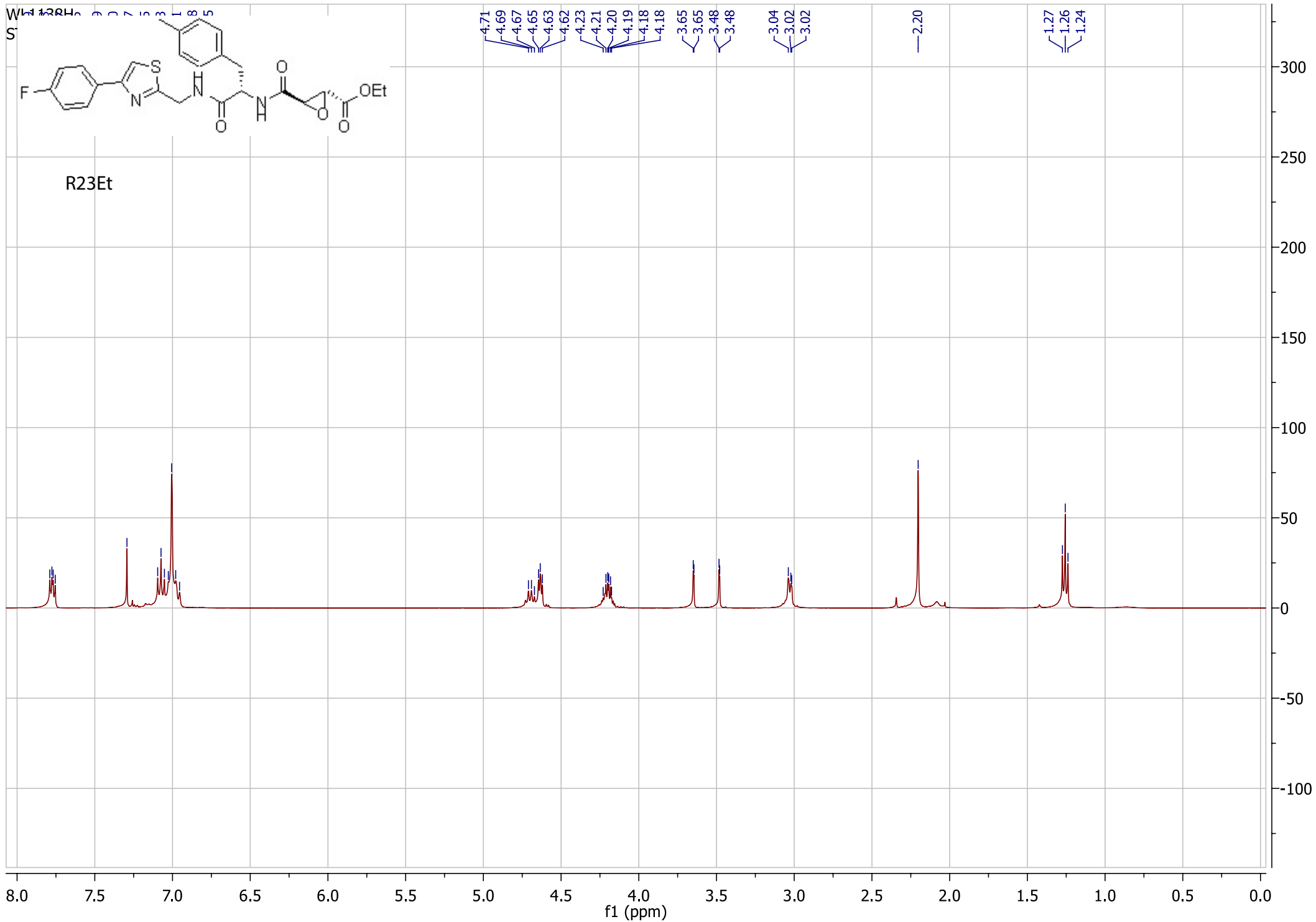


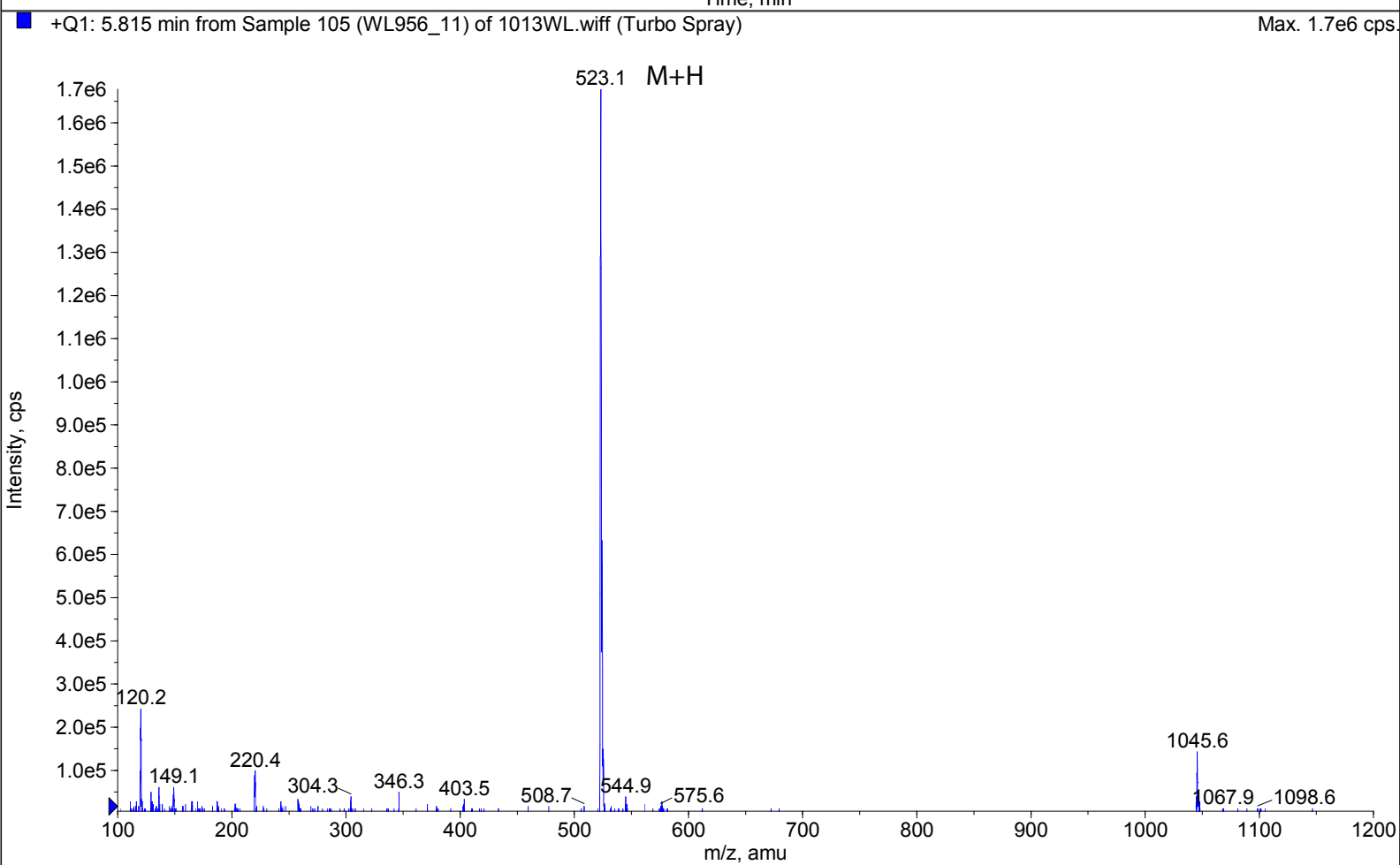
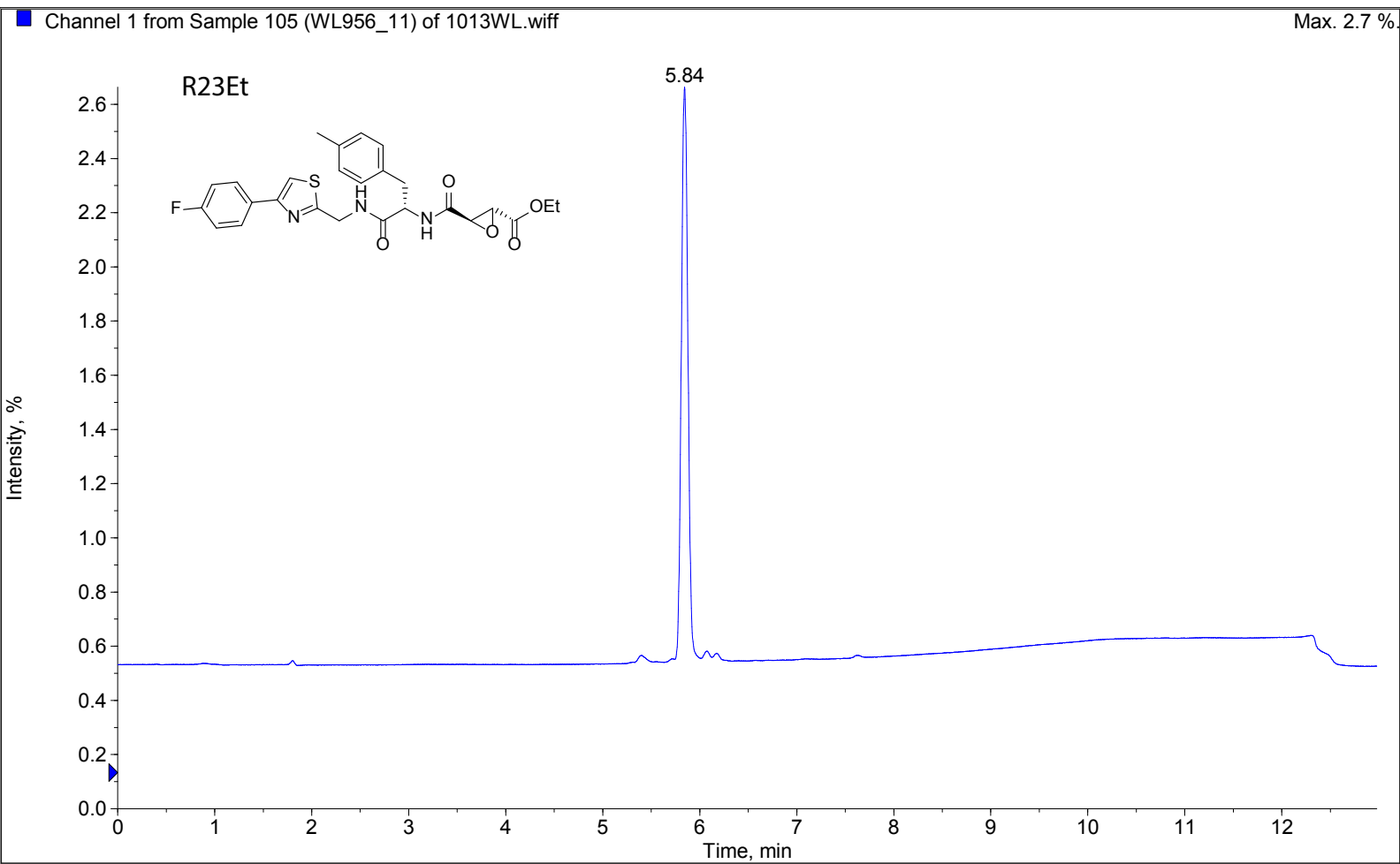


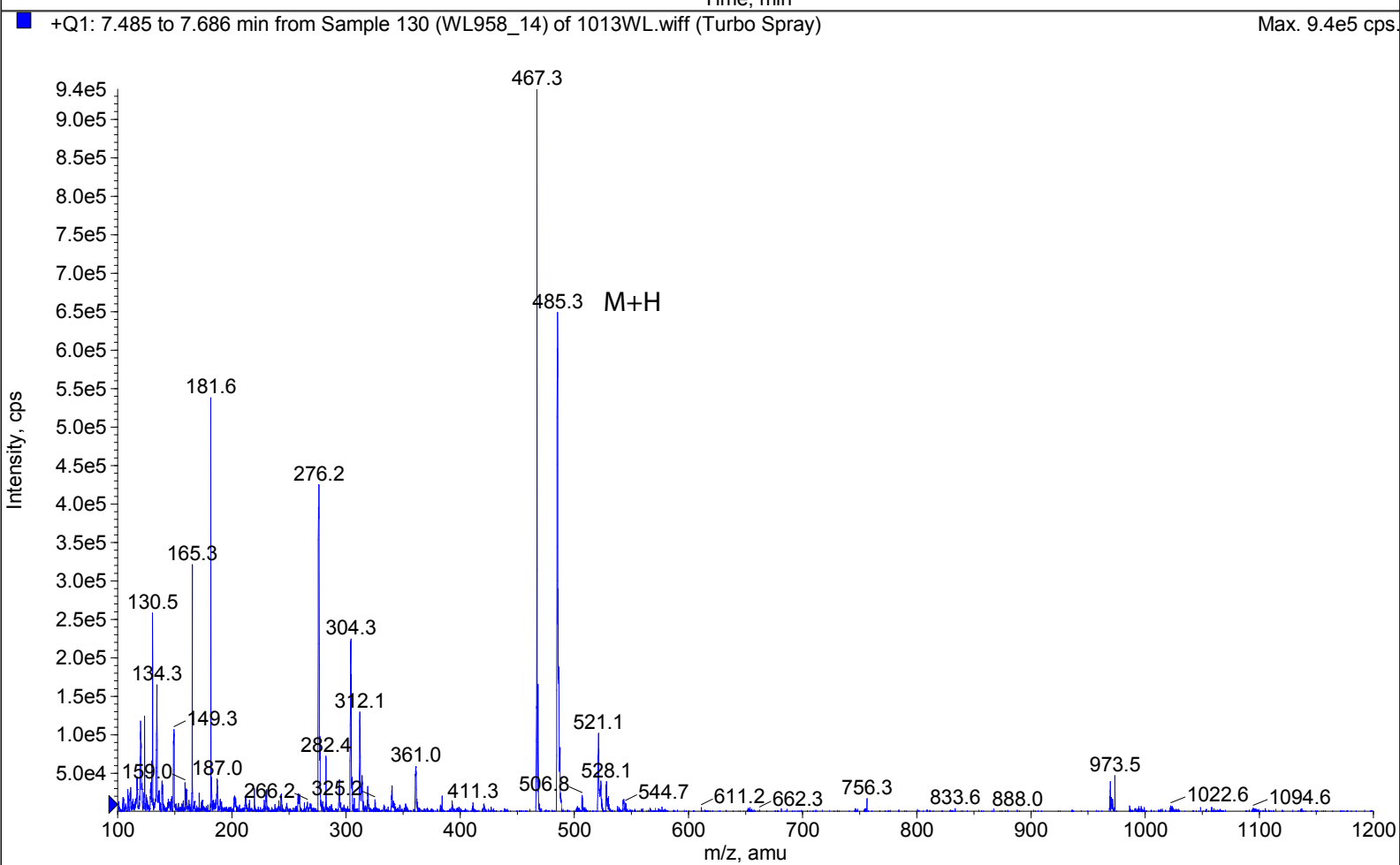
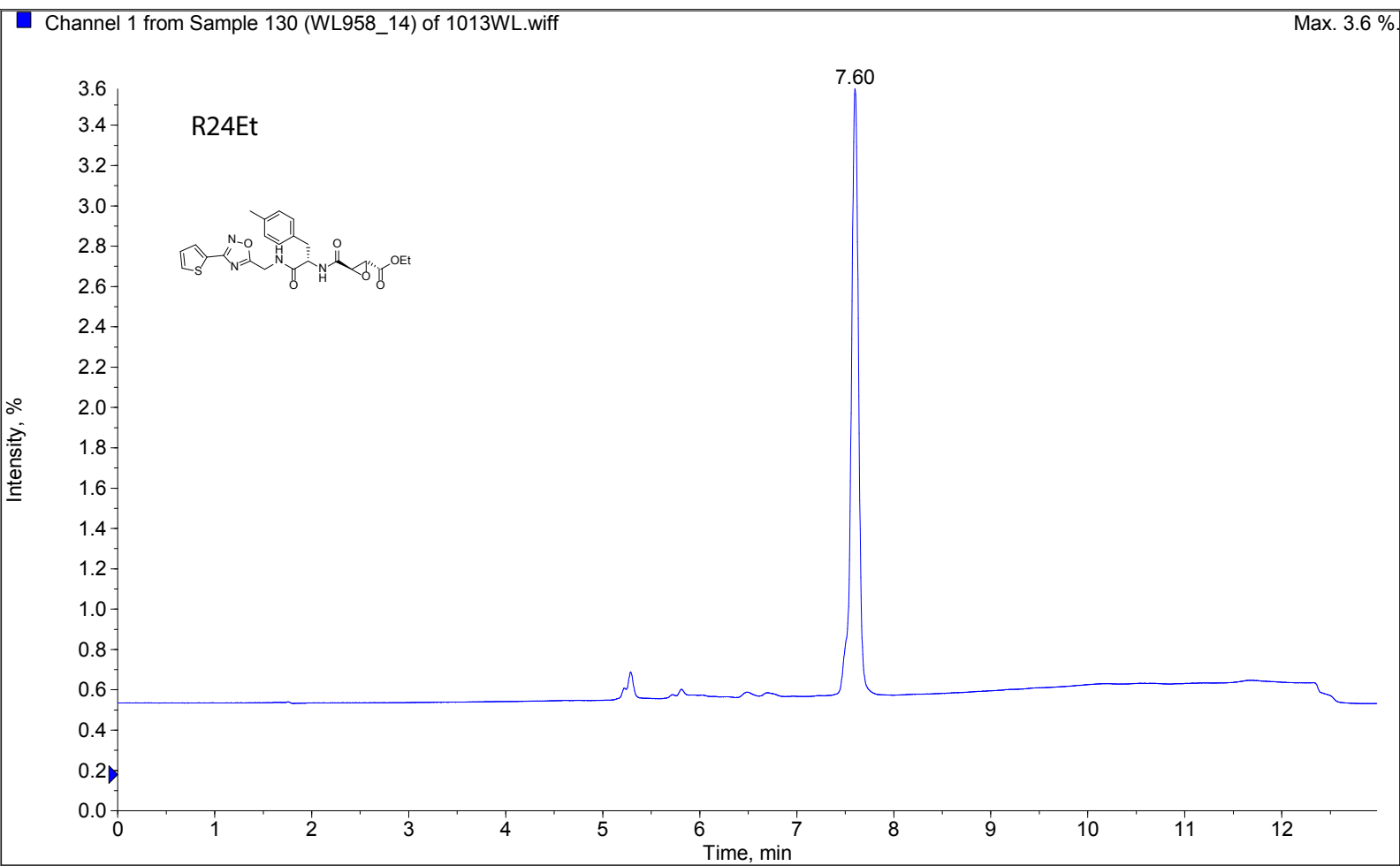


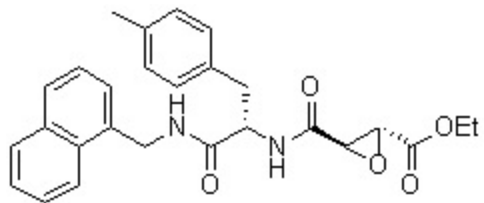












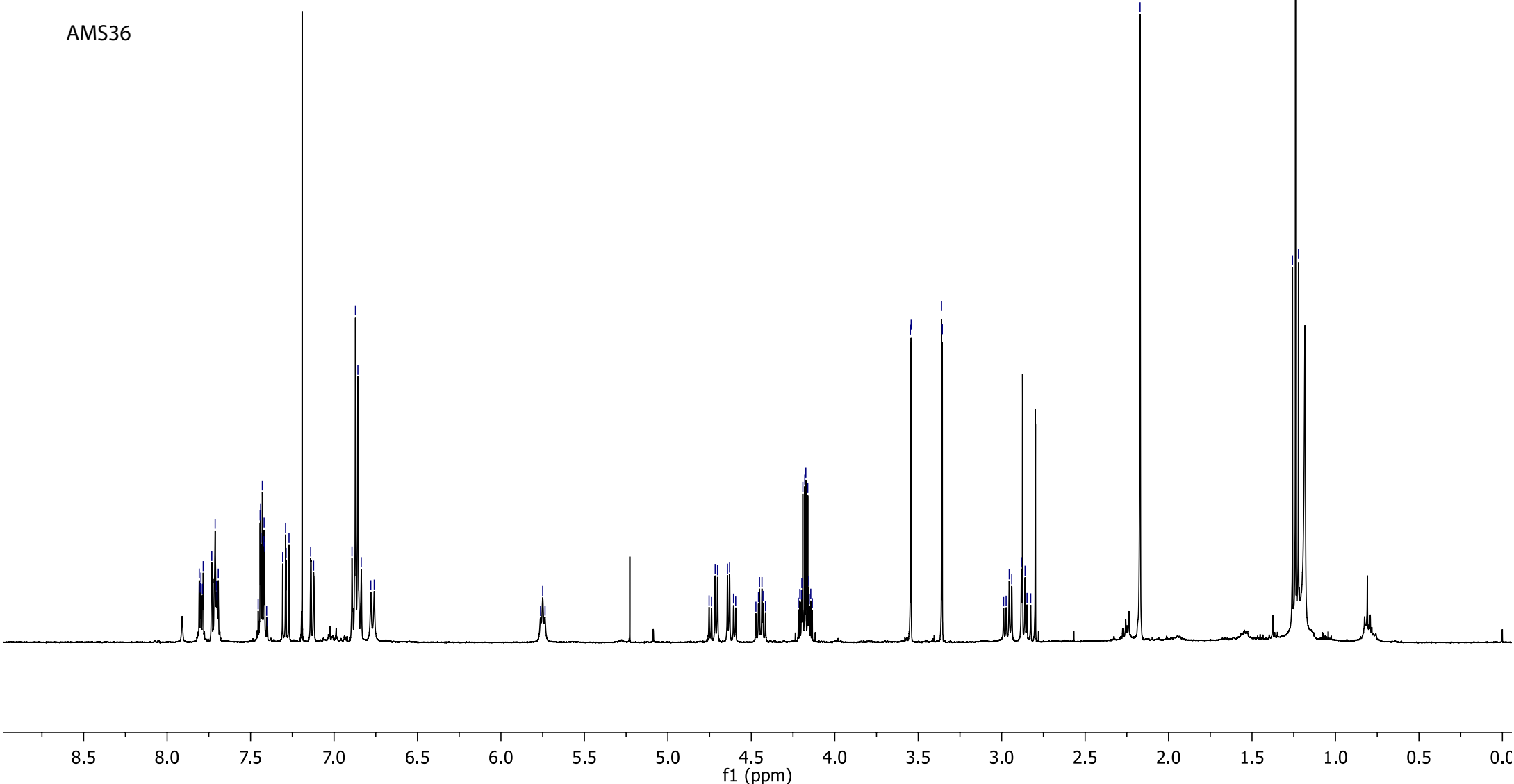
AMS36

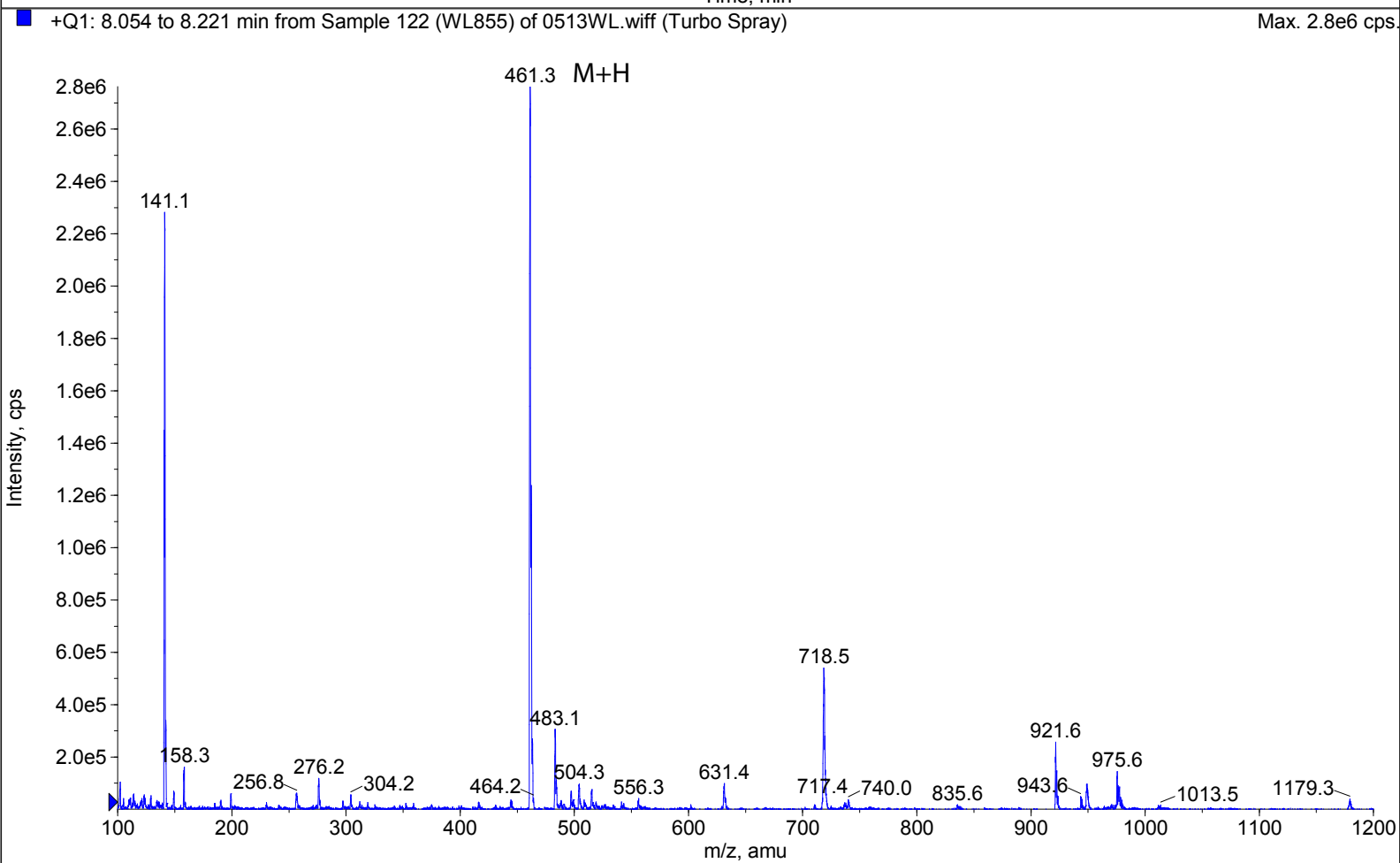
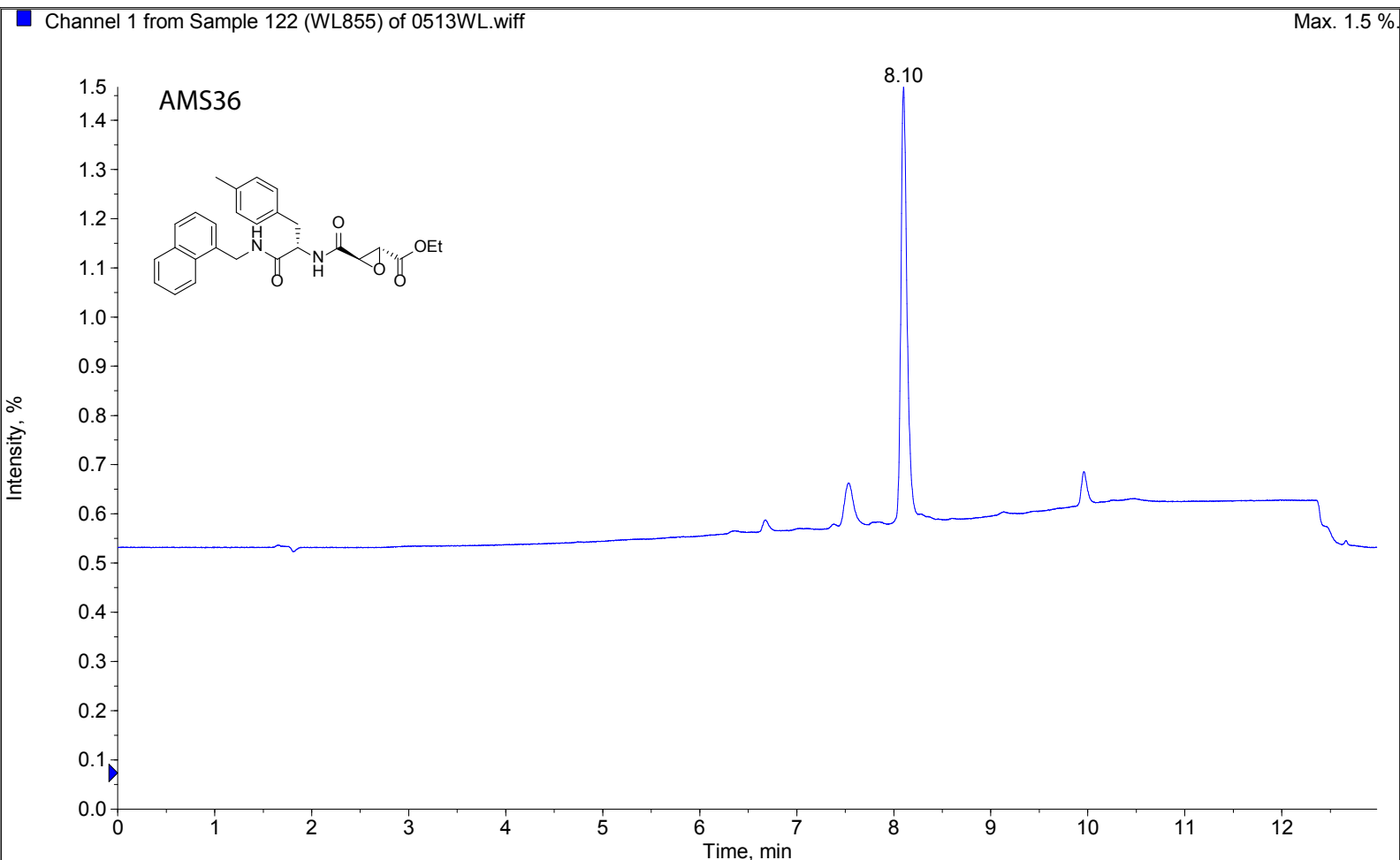
7.81
7.80
7.79
7.78
7.73
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7.70
7.69
7.44
7.44
7.43
7.42
6.89
6.87
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6.76

5.76
5.75
5.74
4.72
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4.64
4.63
4.61
4.46
4.45
4.44
4.43
4.21
4.20
4.20
4.19
4.18
4.17
4.16
4.16
4.14
3.54
3.54
3.36
3.36
2.99
2.97
2.95
2.94
2.88
2.86
2.85
2.83

2.17

1.26
1.24
1.22



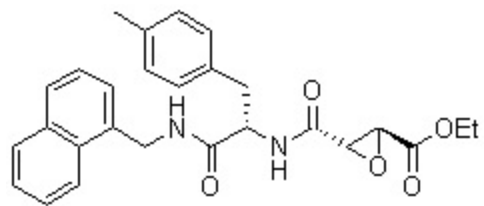


7.81
7.80
7.80
7.79
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7.77
7.76
7.75
7.74
7.72
7.45
7.44
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7.43
6.91
6.89
6.88
6.85
6.66
6.64

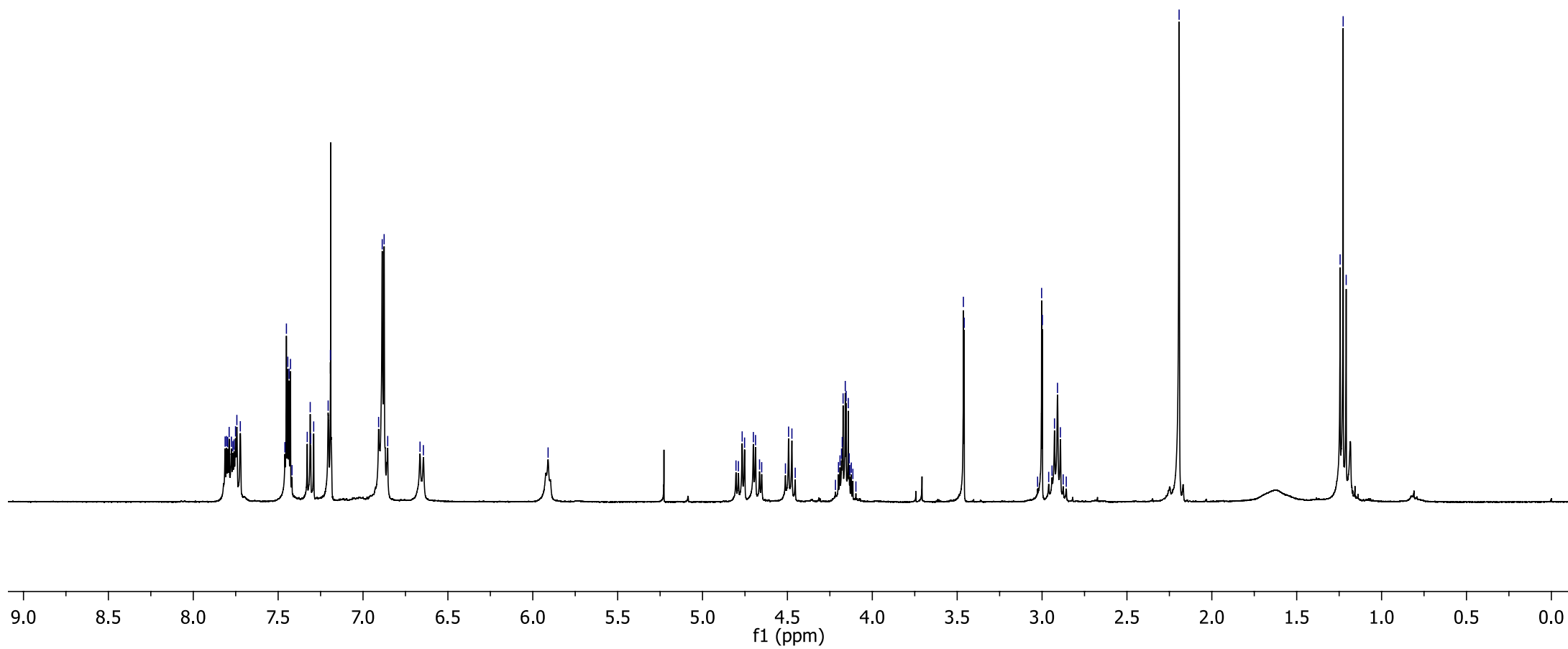
5.91

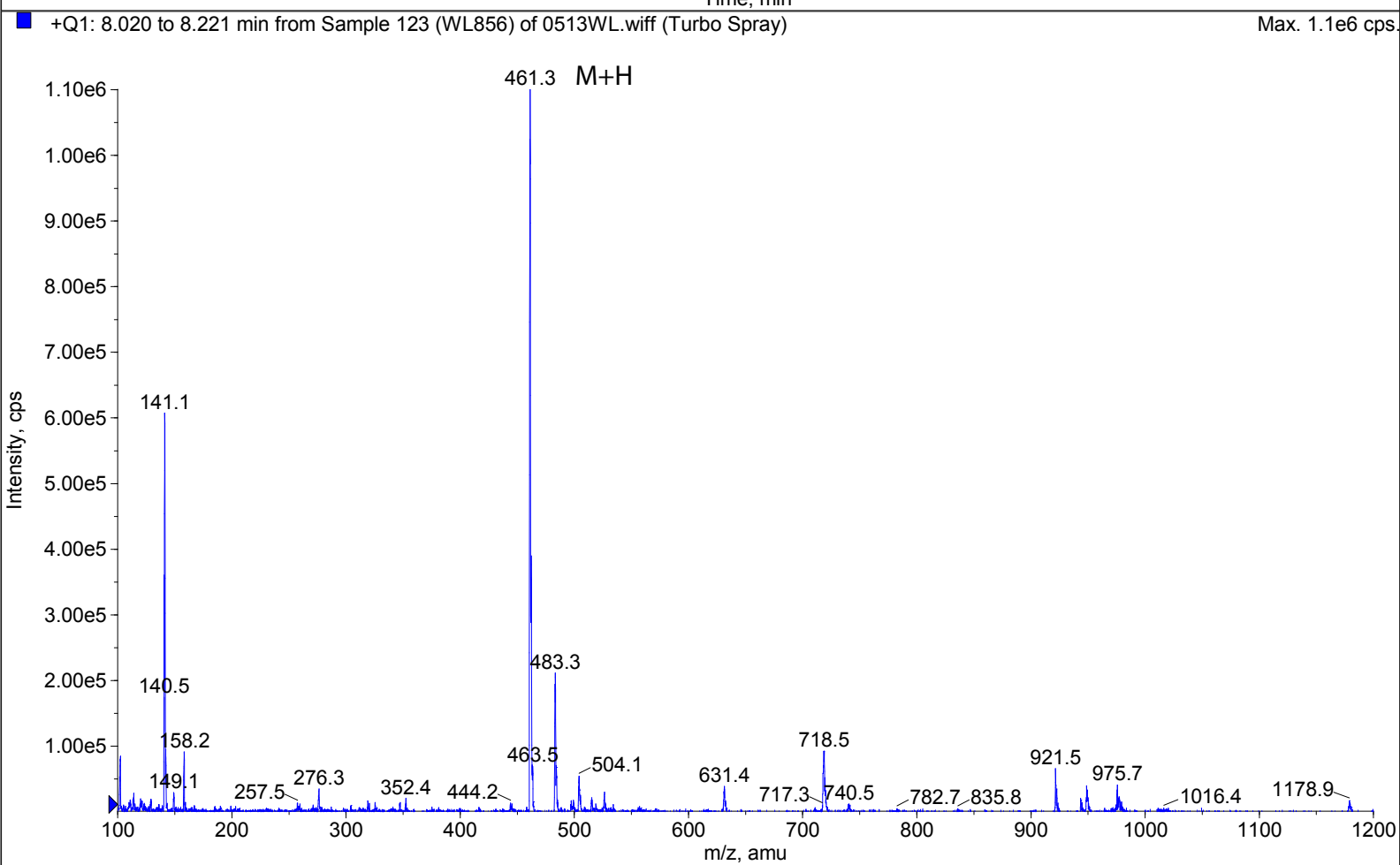
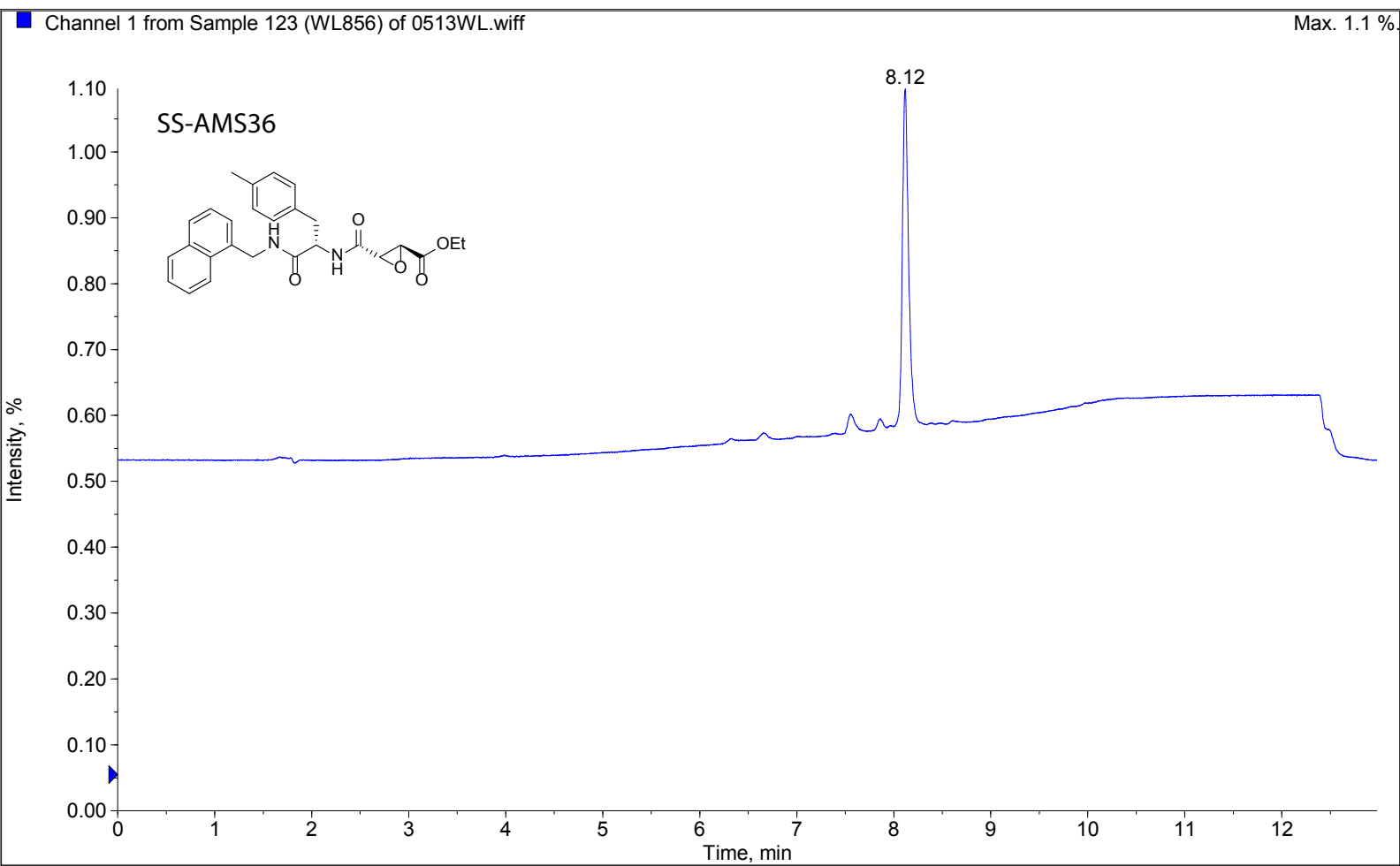
4.80
4.79
4.77
4.75
4.70
4.69
4.66
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4.51
4.49
4.47
4.45
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4.18
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4.15
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4.14
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3.46
3.03
3.00
3.00
2.96
2.94
2.93
2.91
2.89
2.88
2.86
2.19

1.24
1.23
1.21



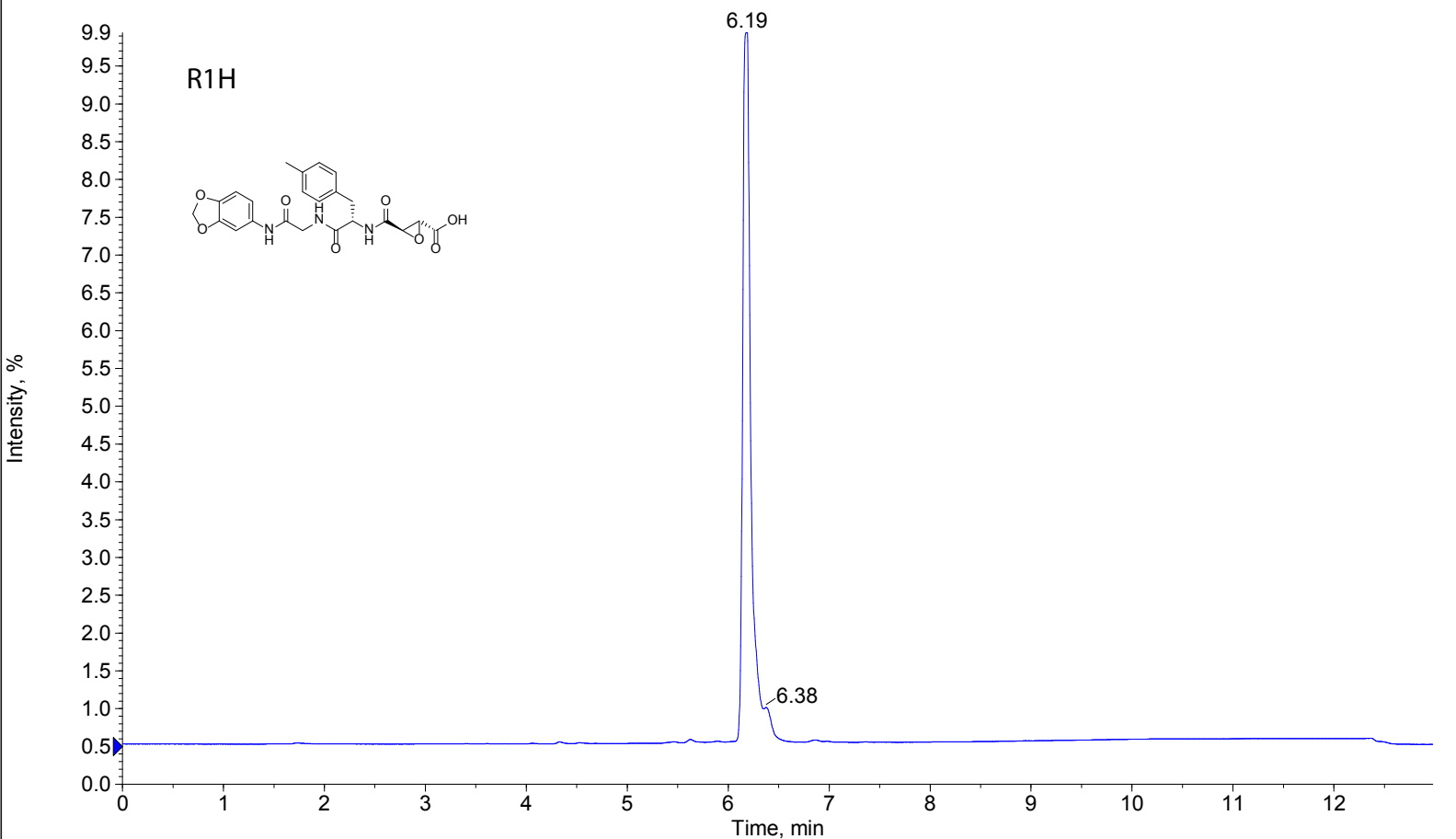
SS-AMS36





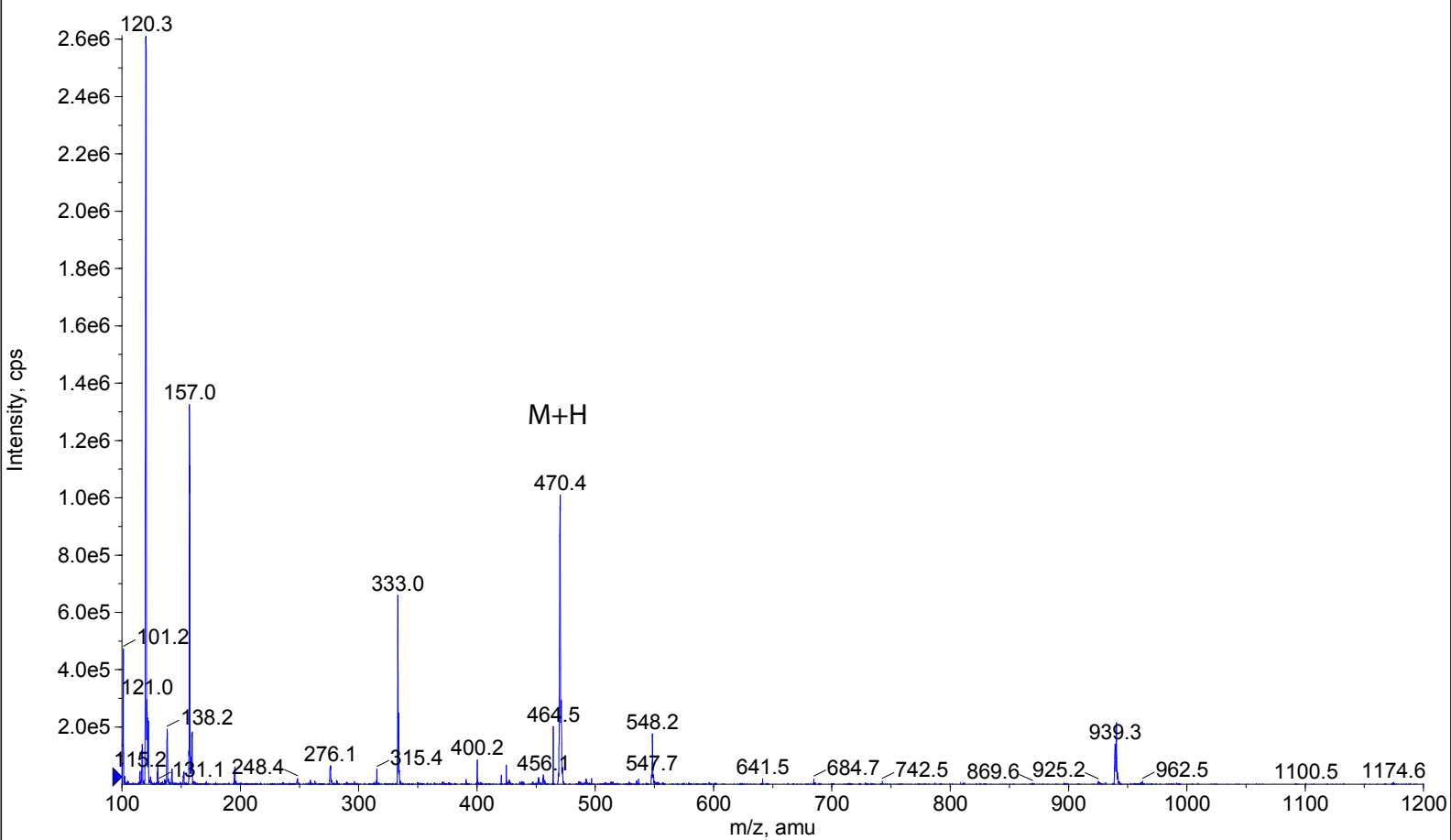
Channel 1 from Sample 47 (R1H) of 0114WL.wiff

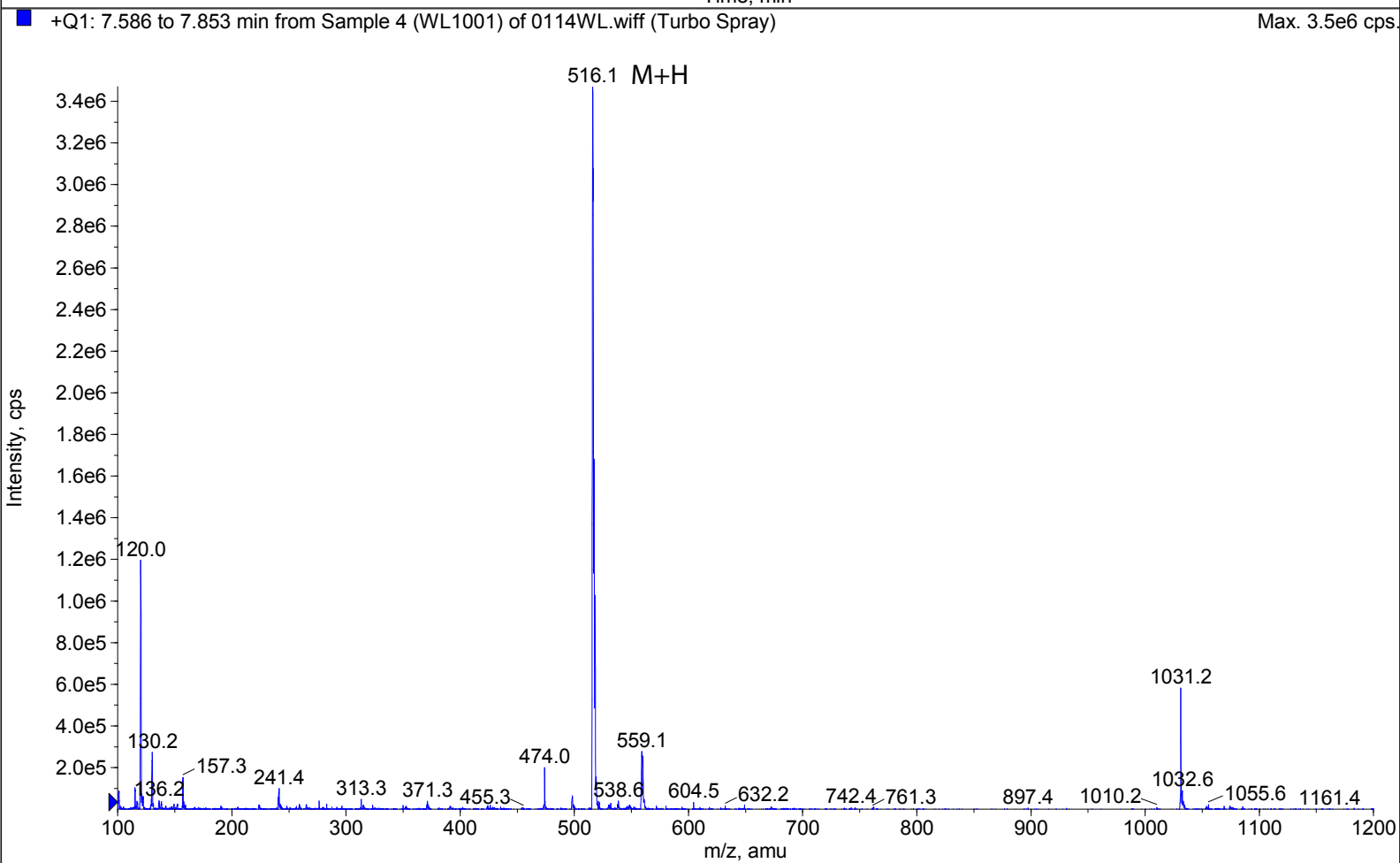
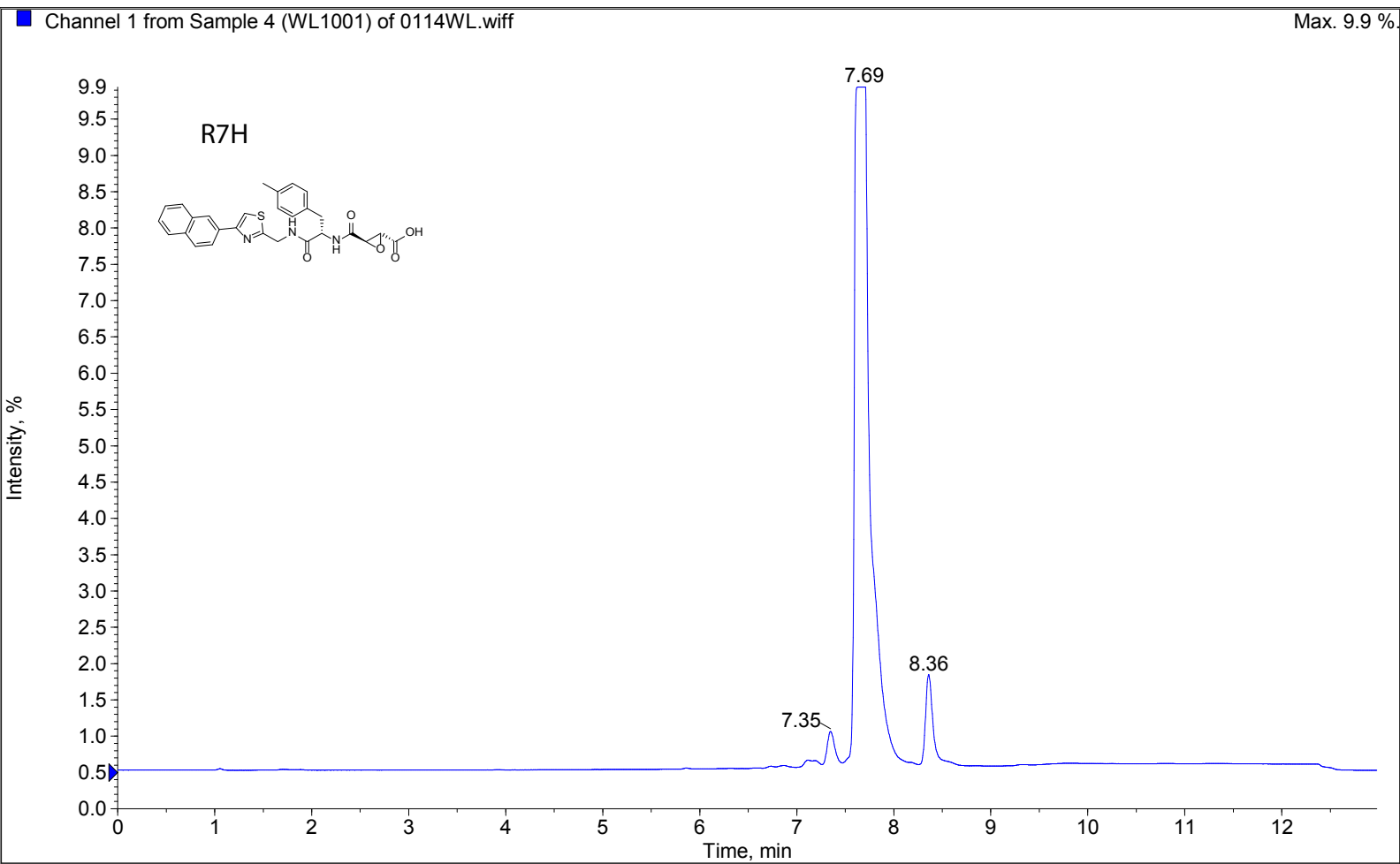
Max. 9.9 %

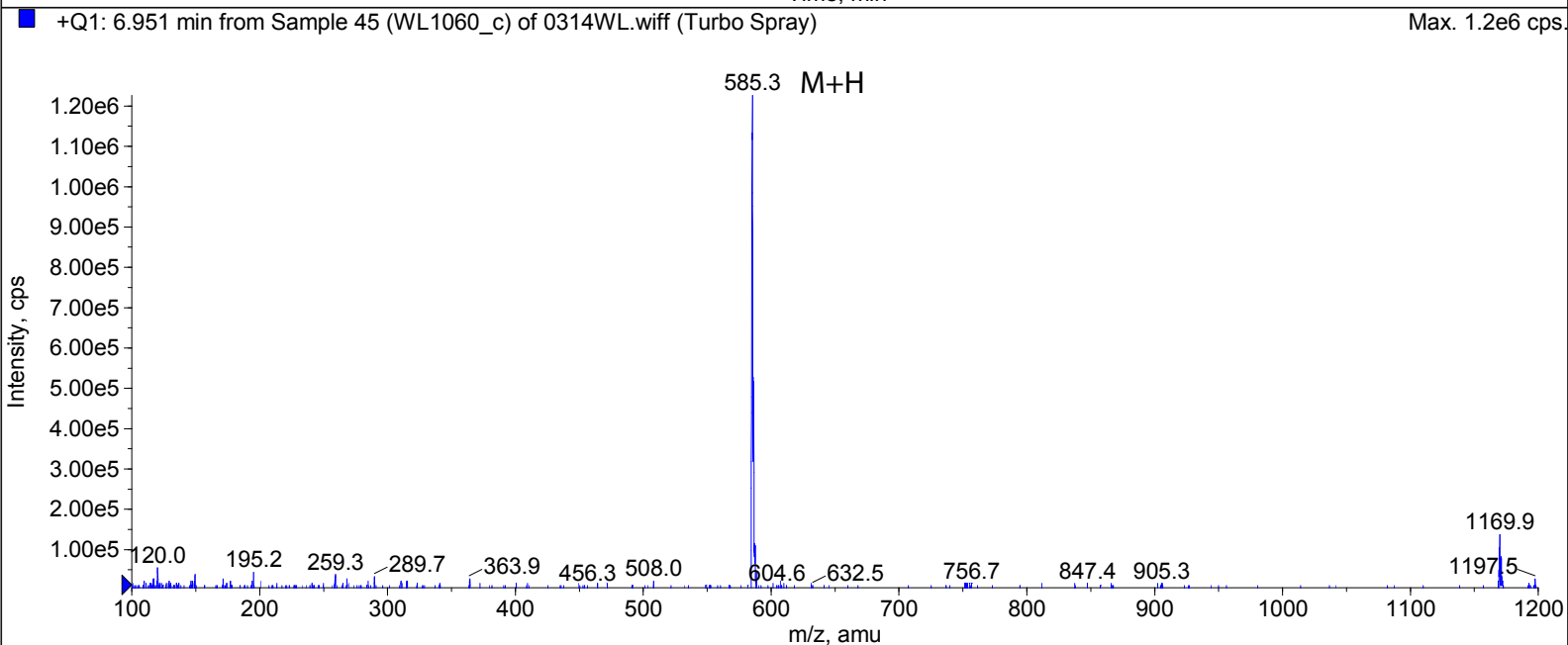
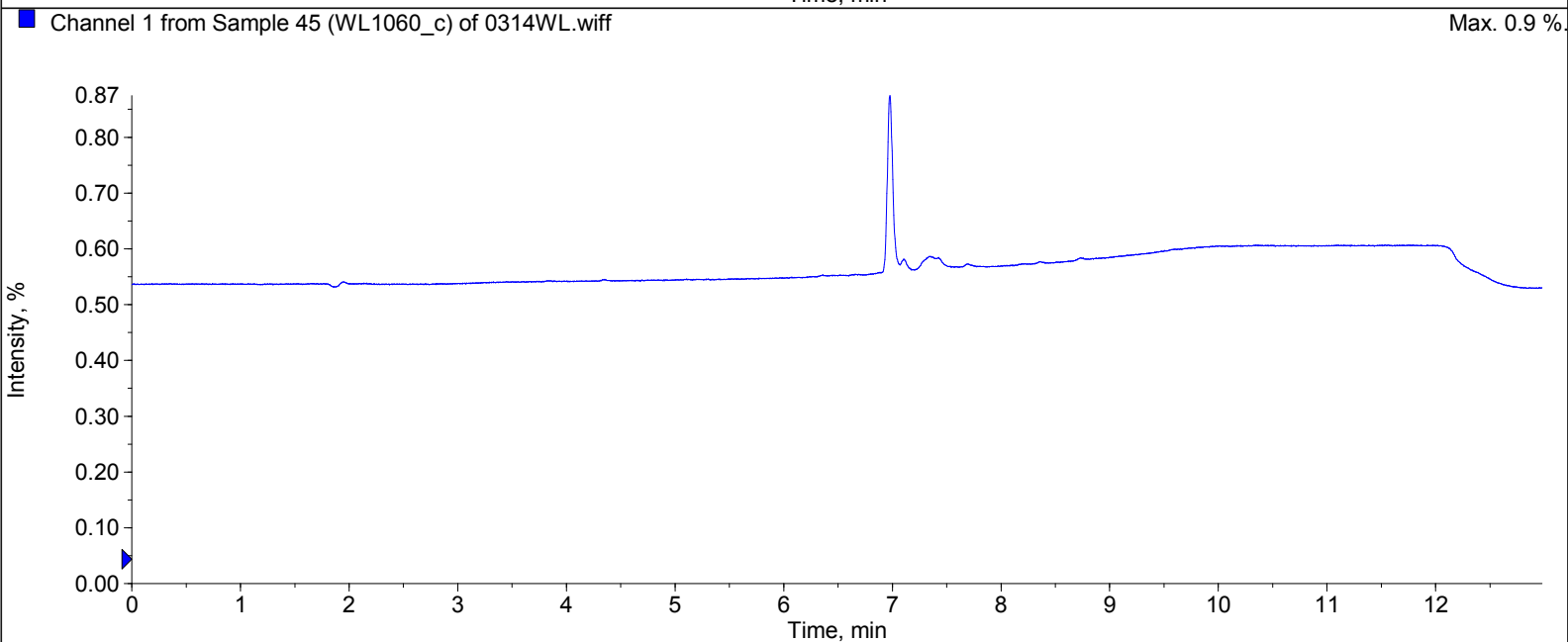
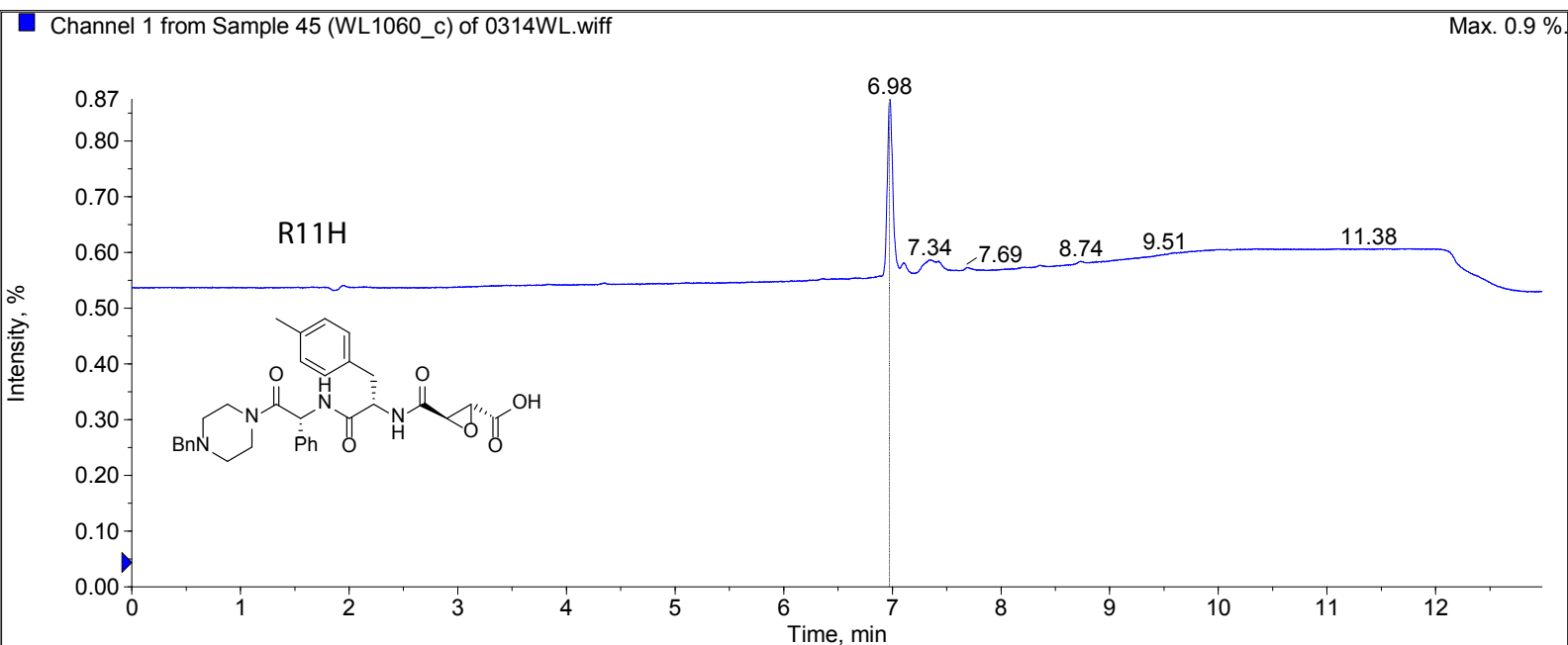


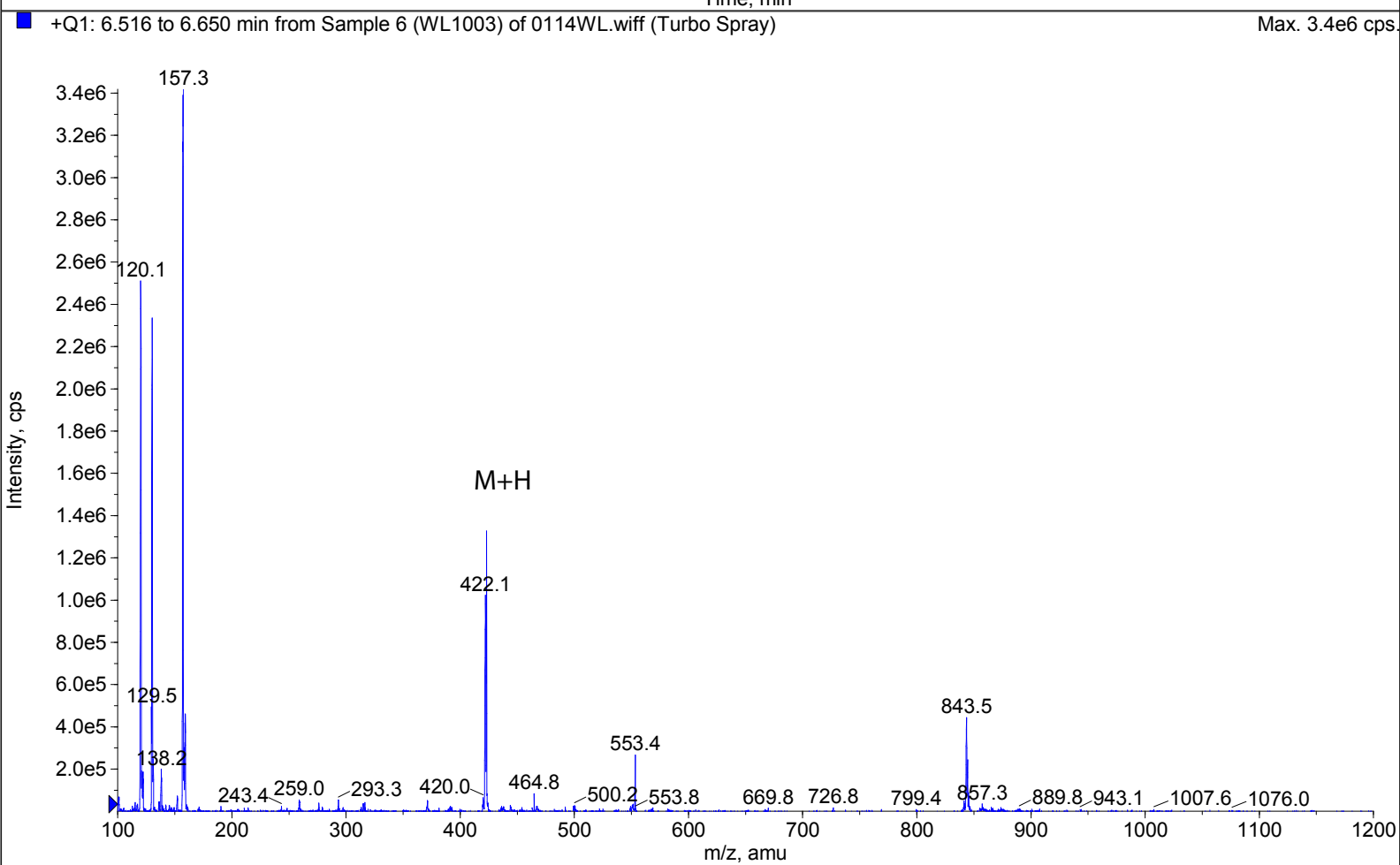
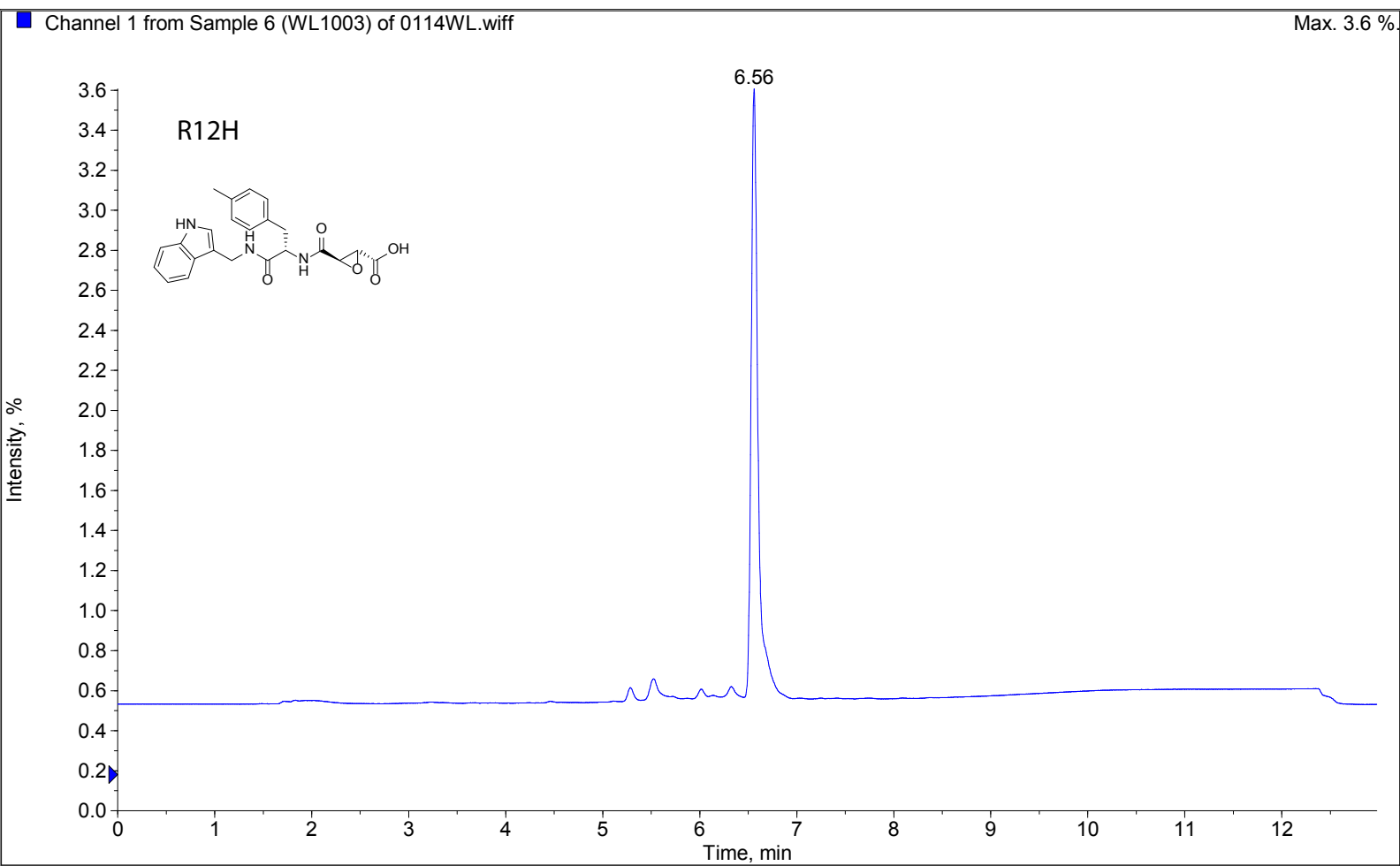
+Q1: 6.082 to 6.349 min from Sample 47 (R1H) of 0114WL.wiff (Turbo Spray)

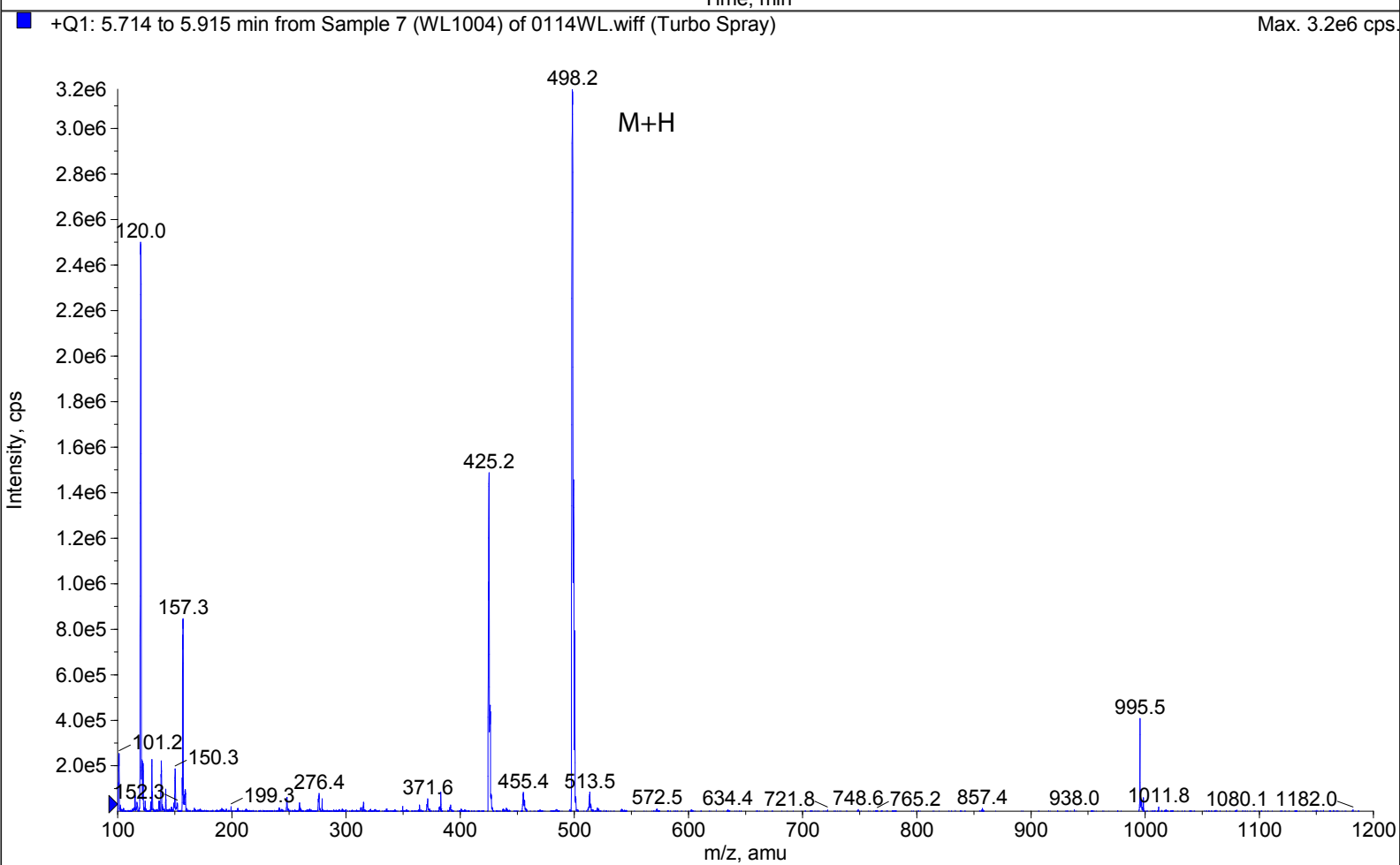
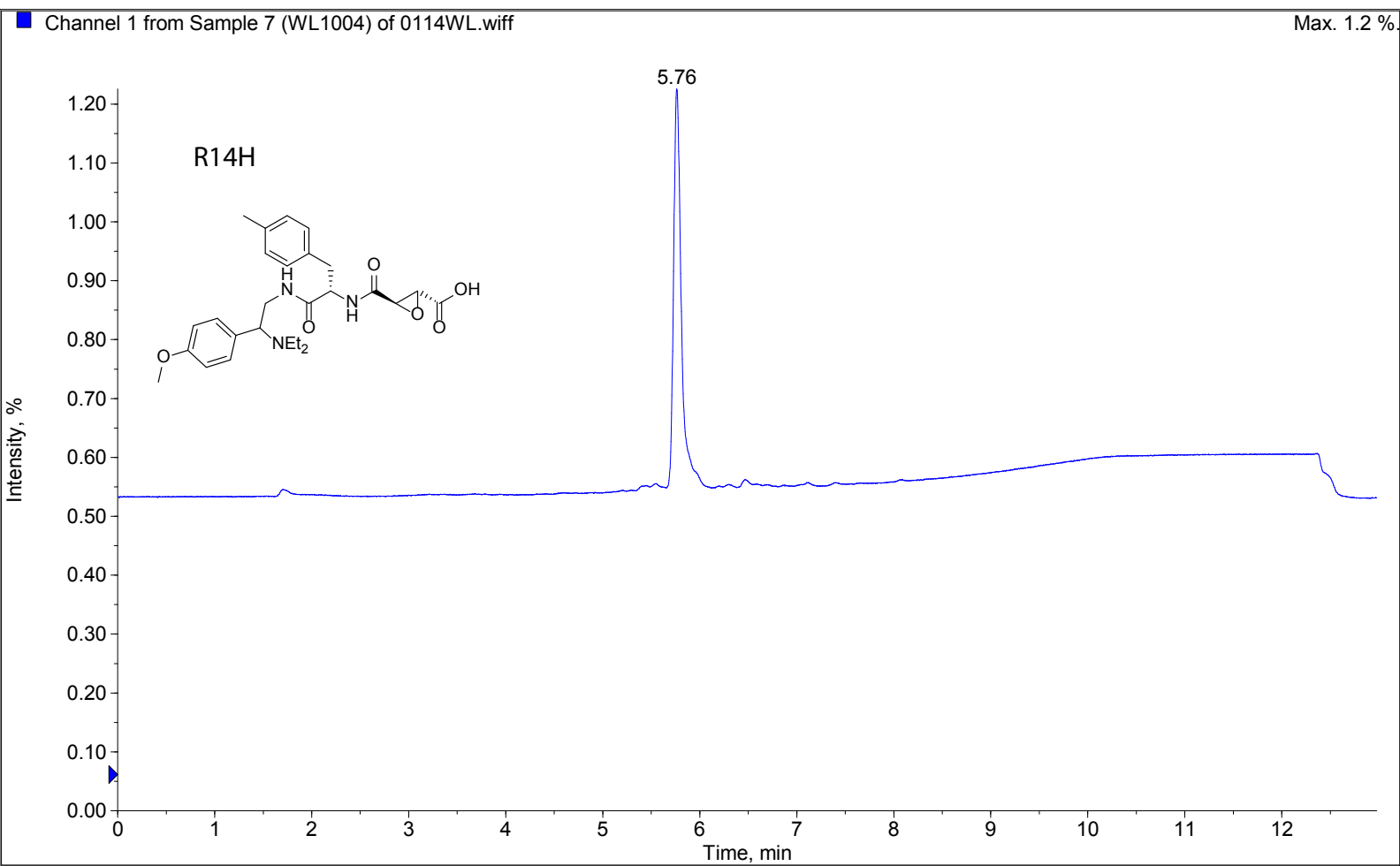
Max. 2.6e6 cps

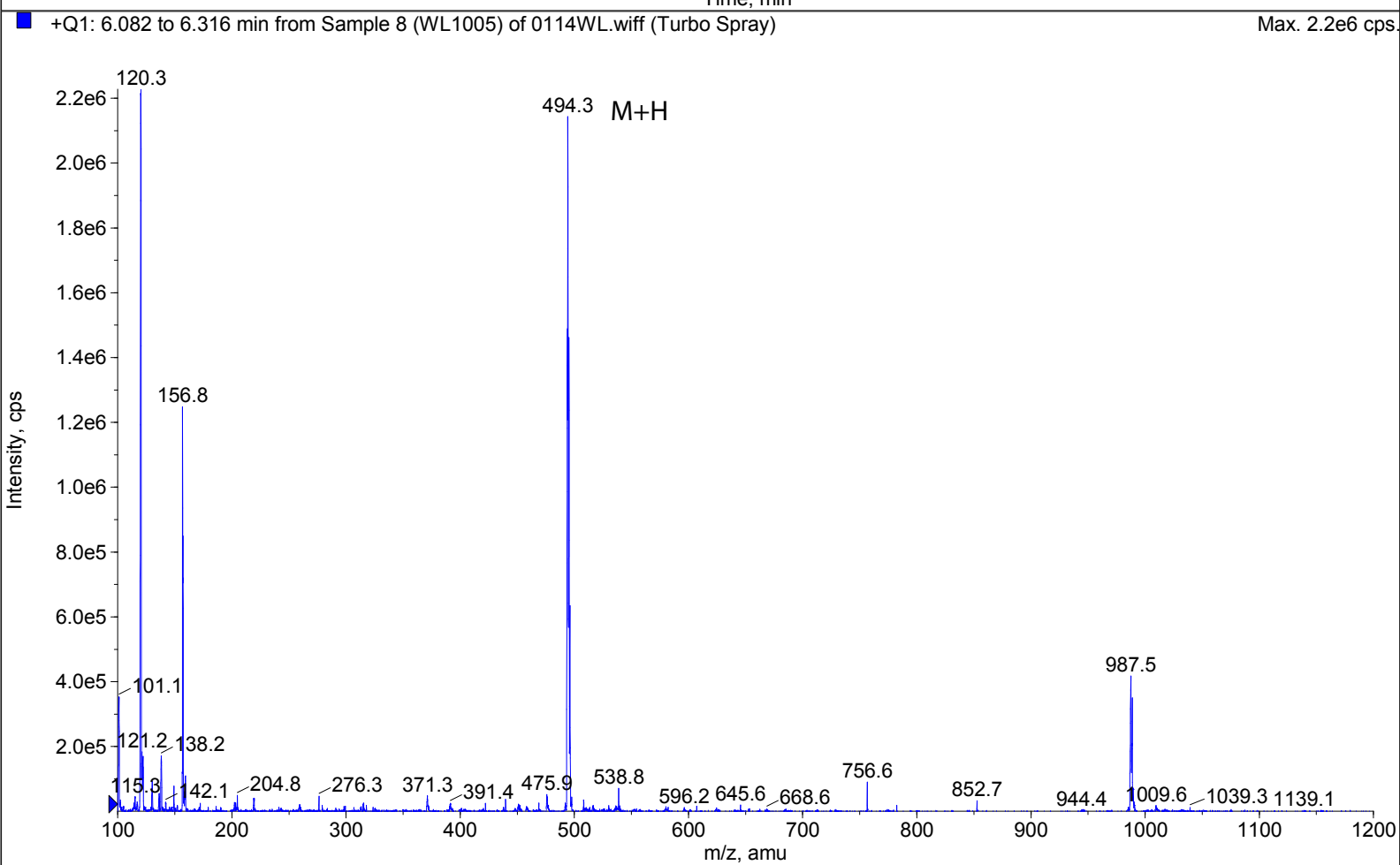
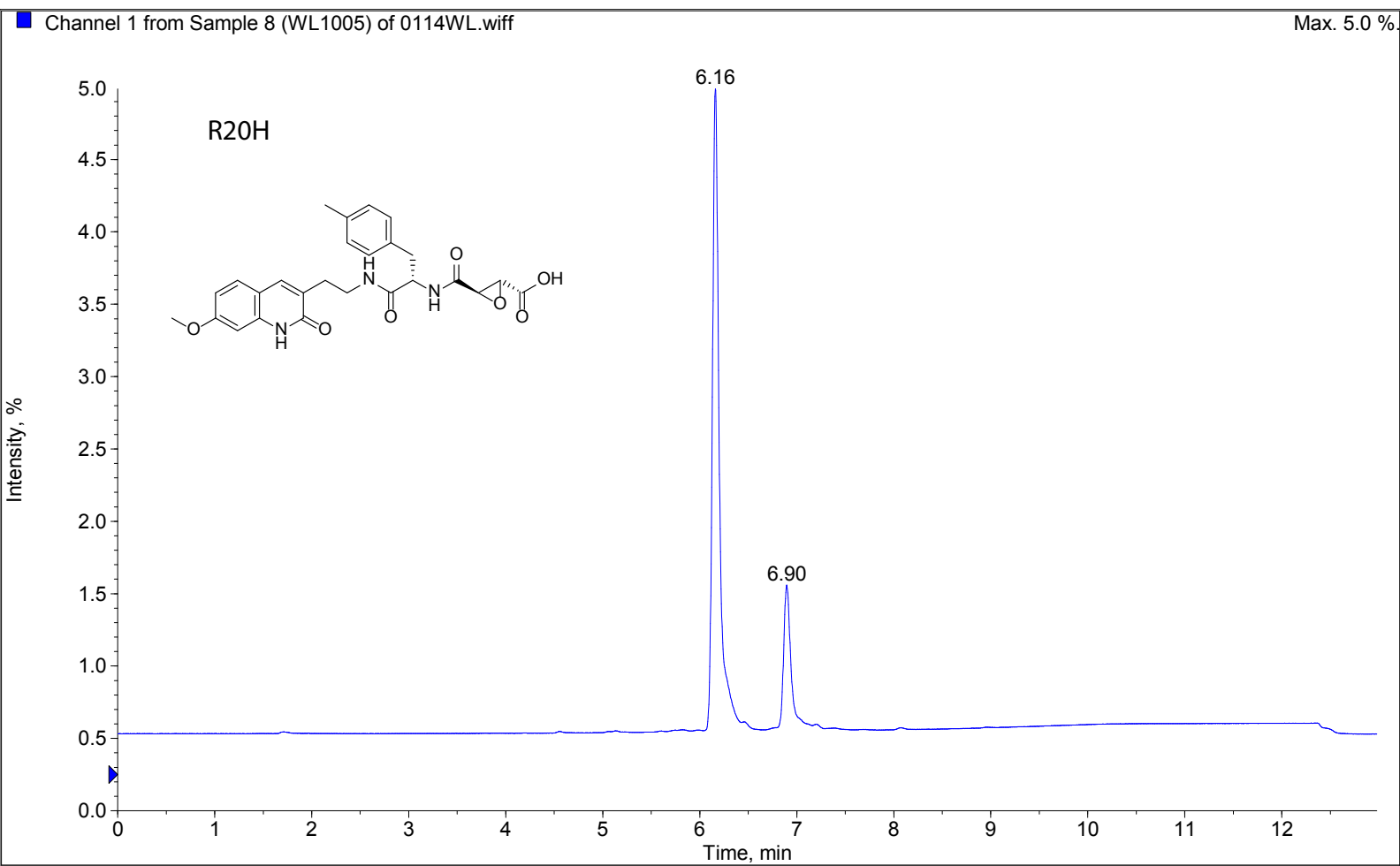


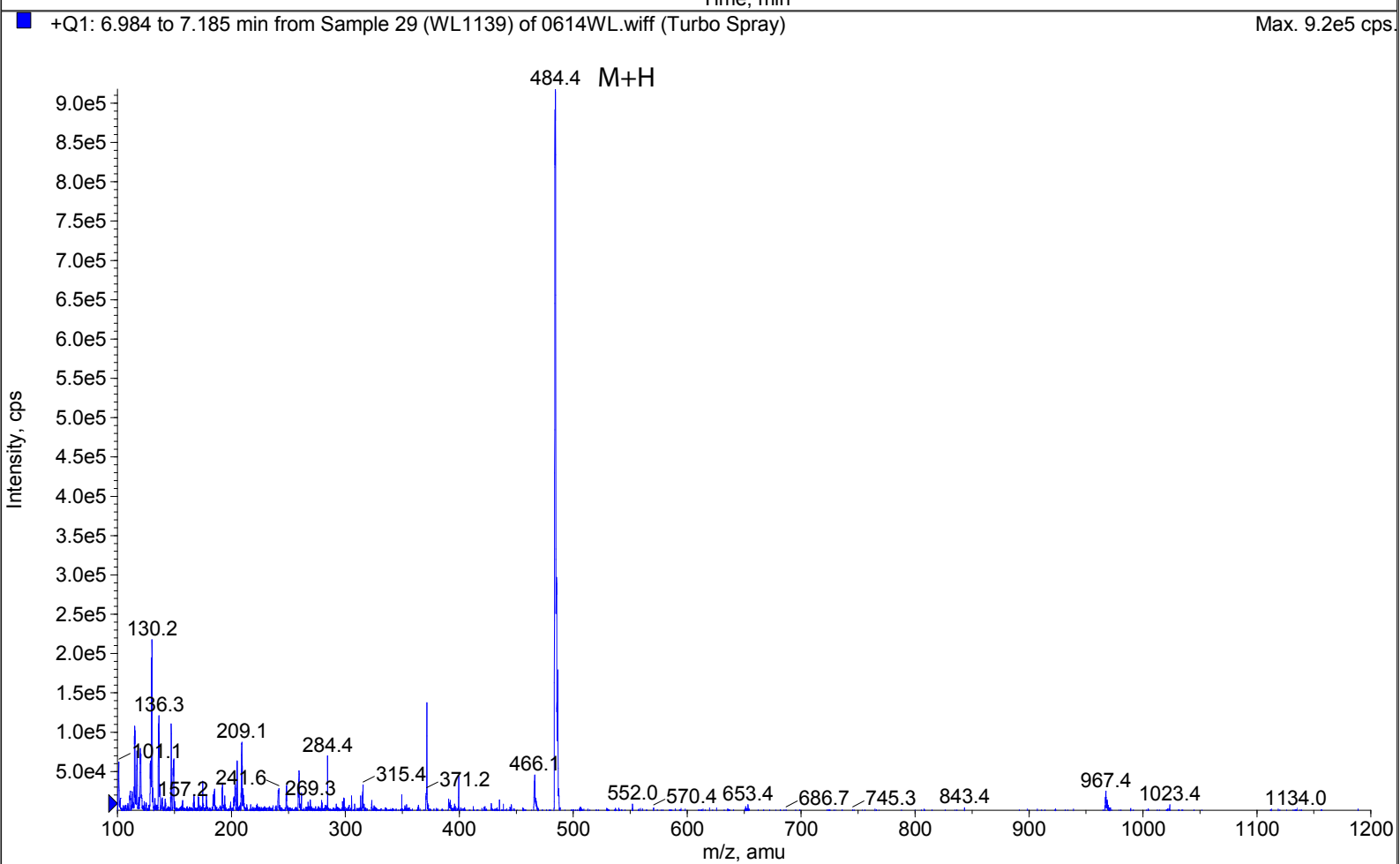
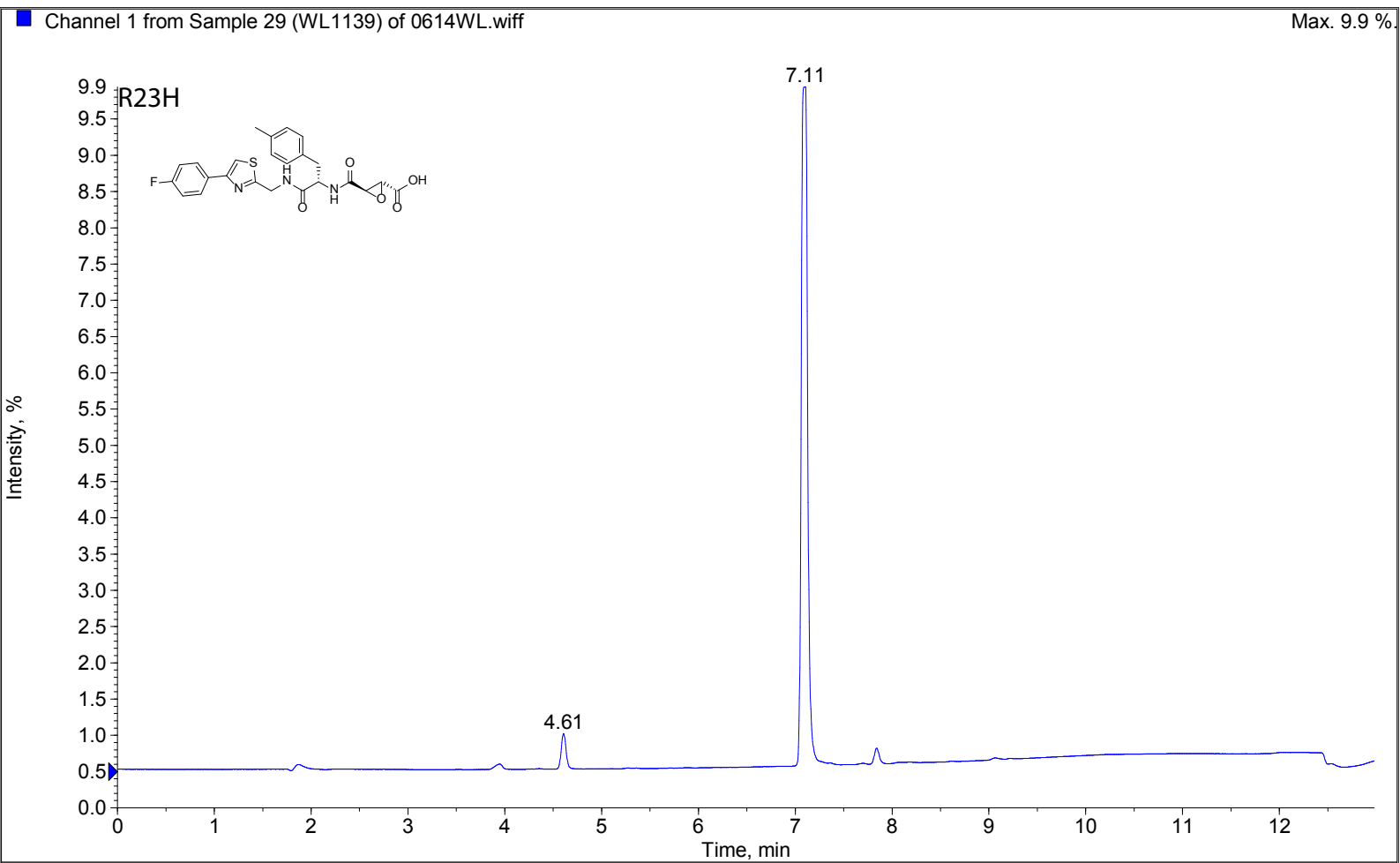


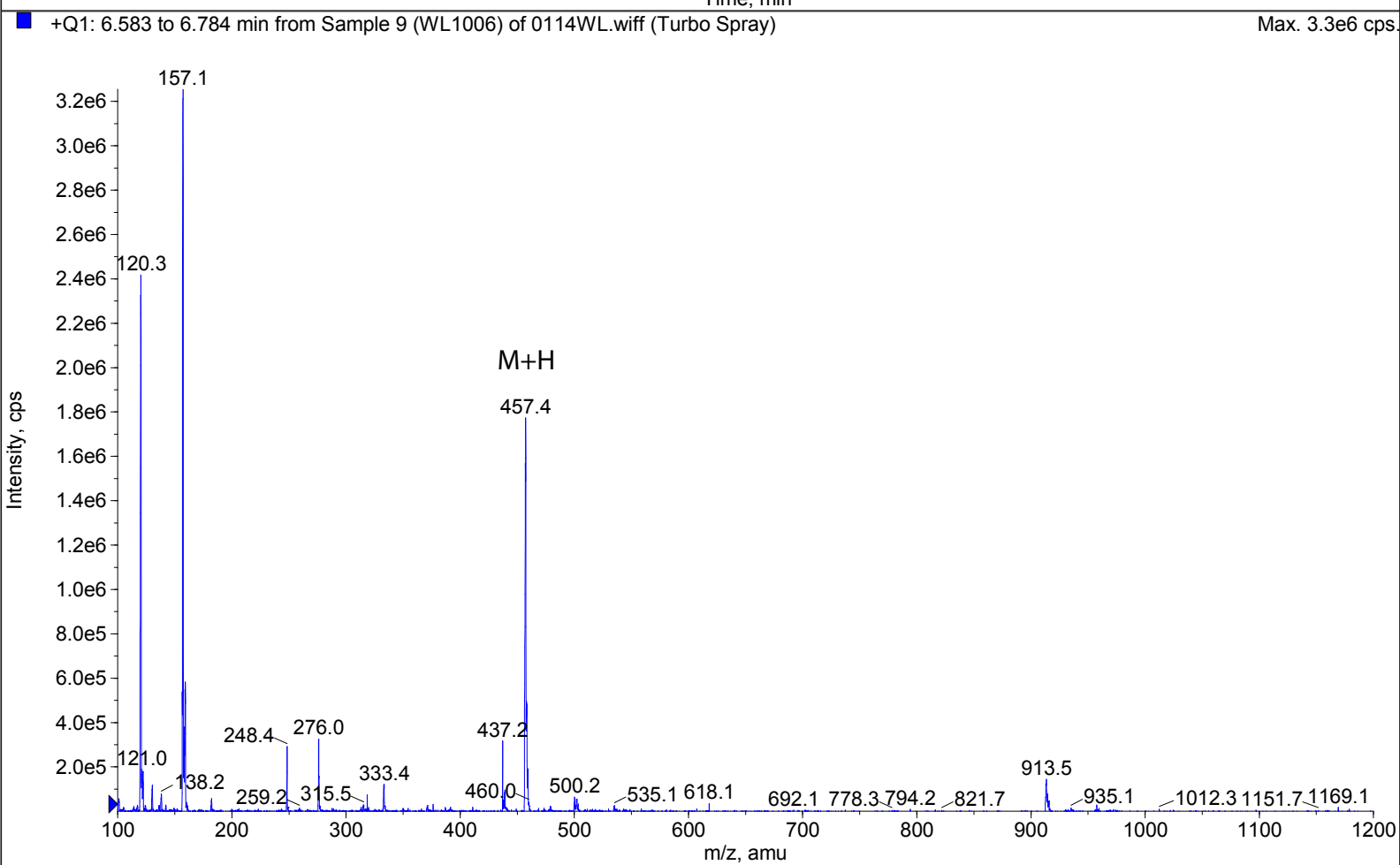
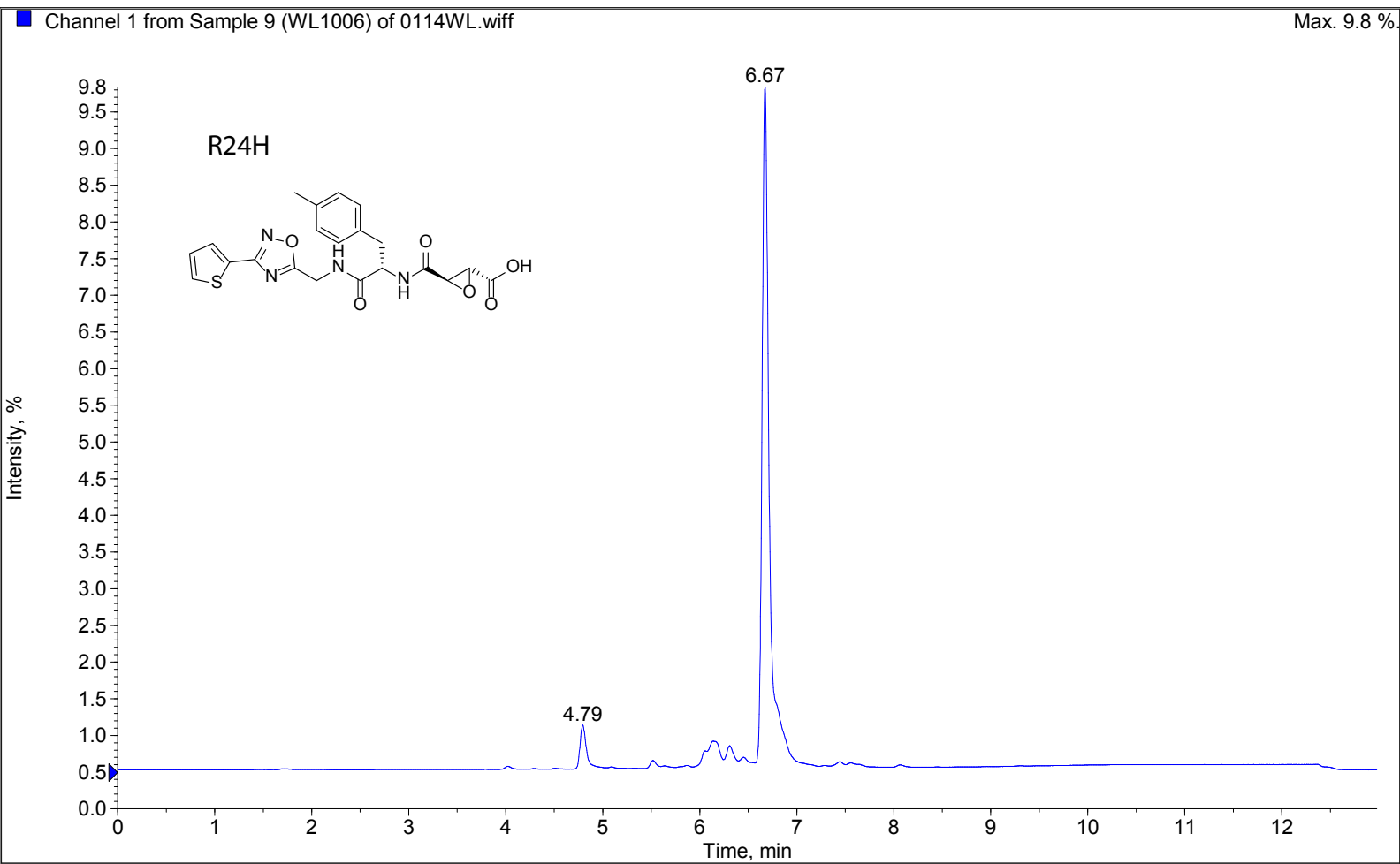


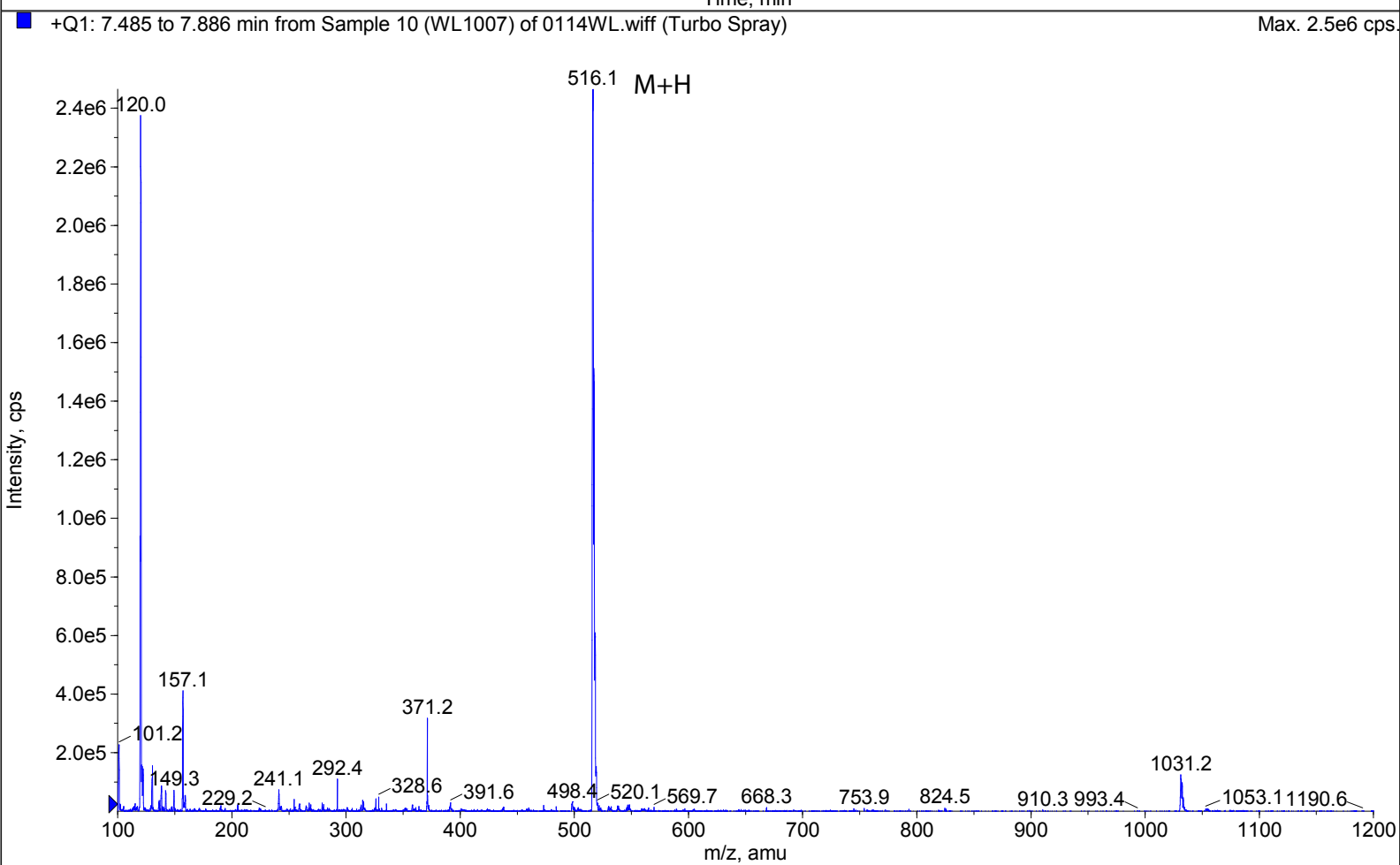
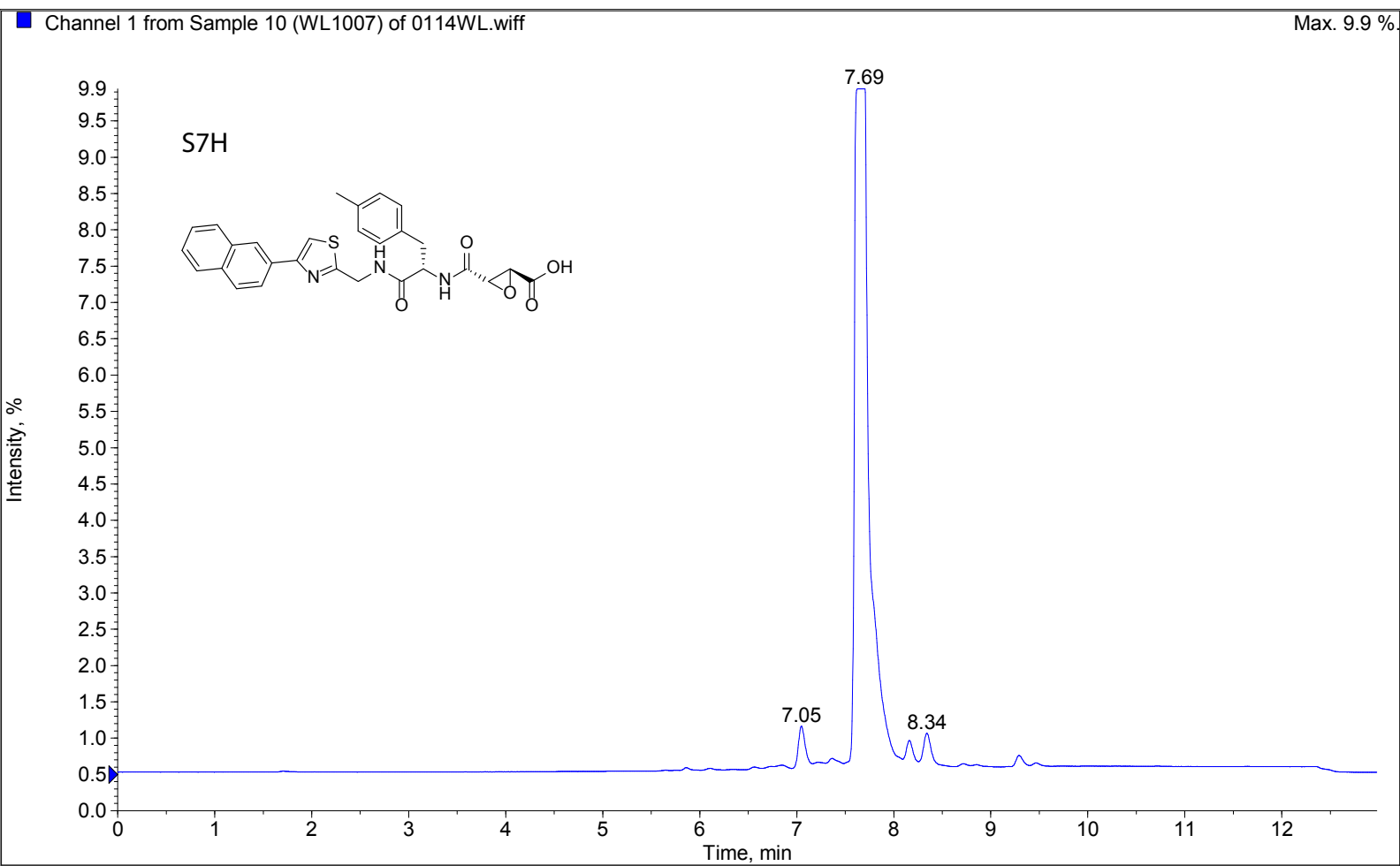


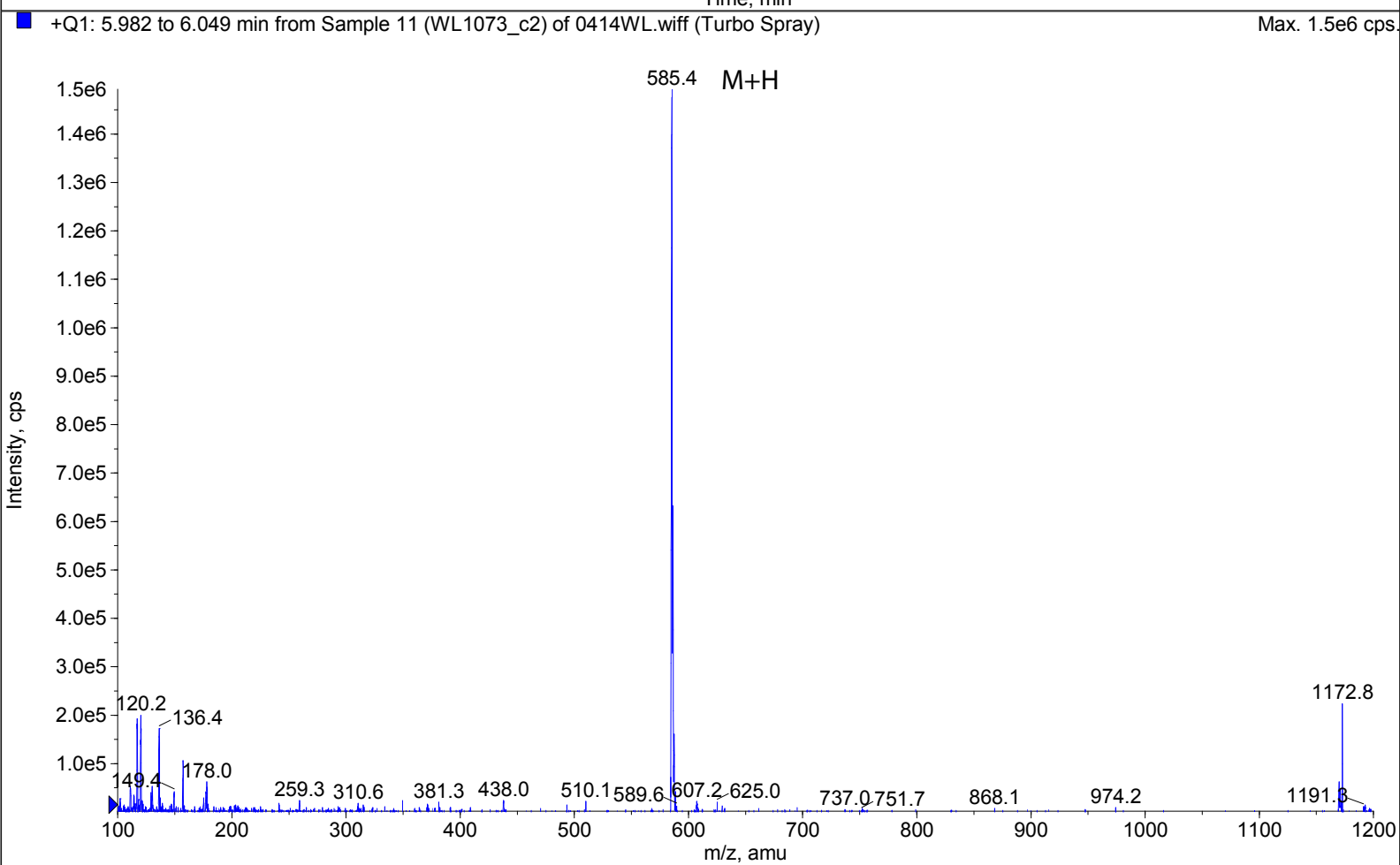
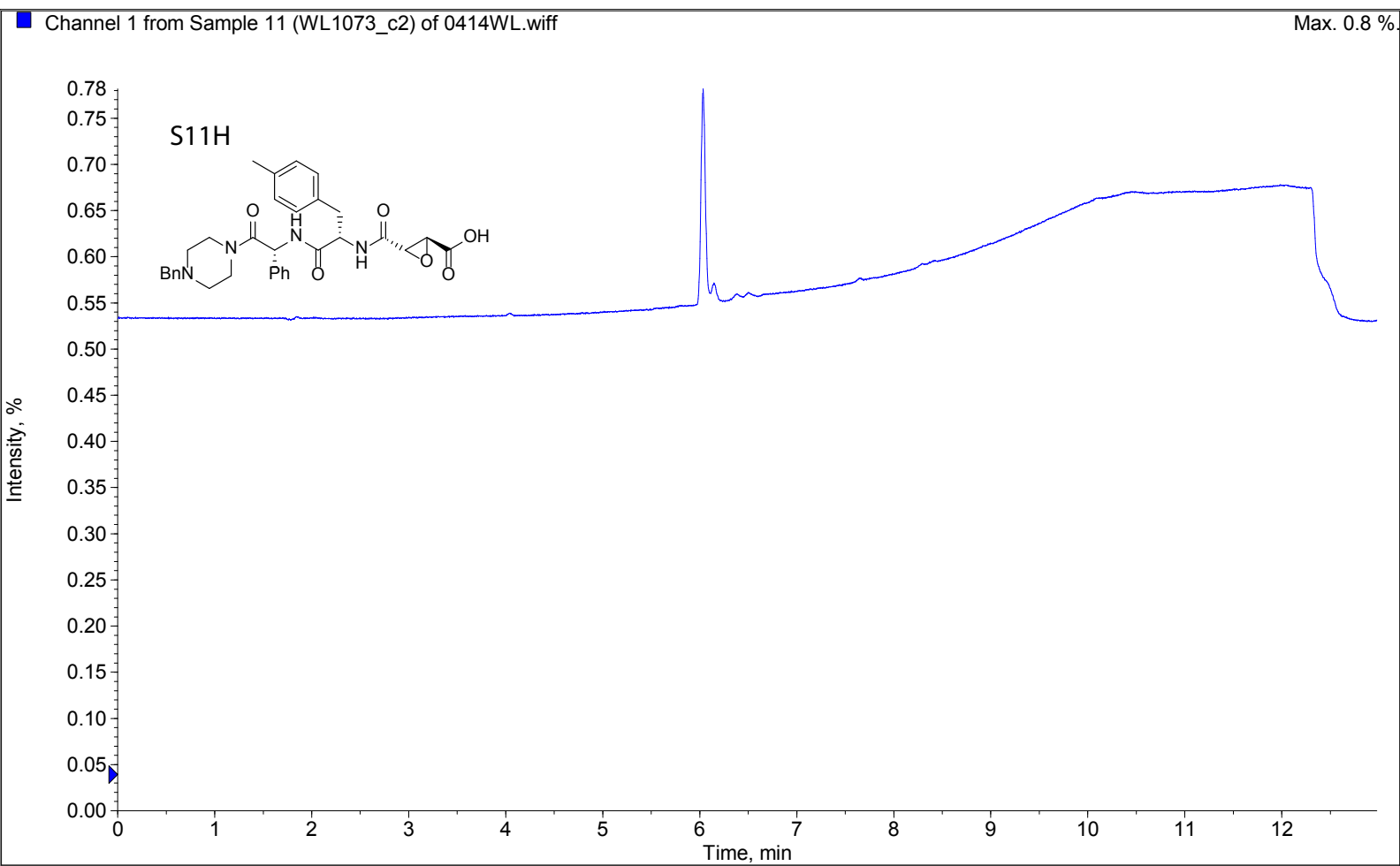


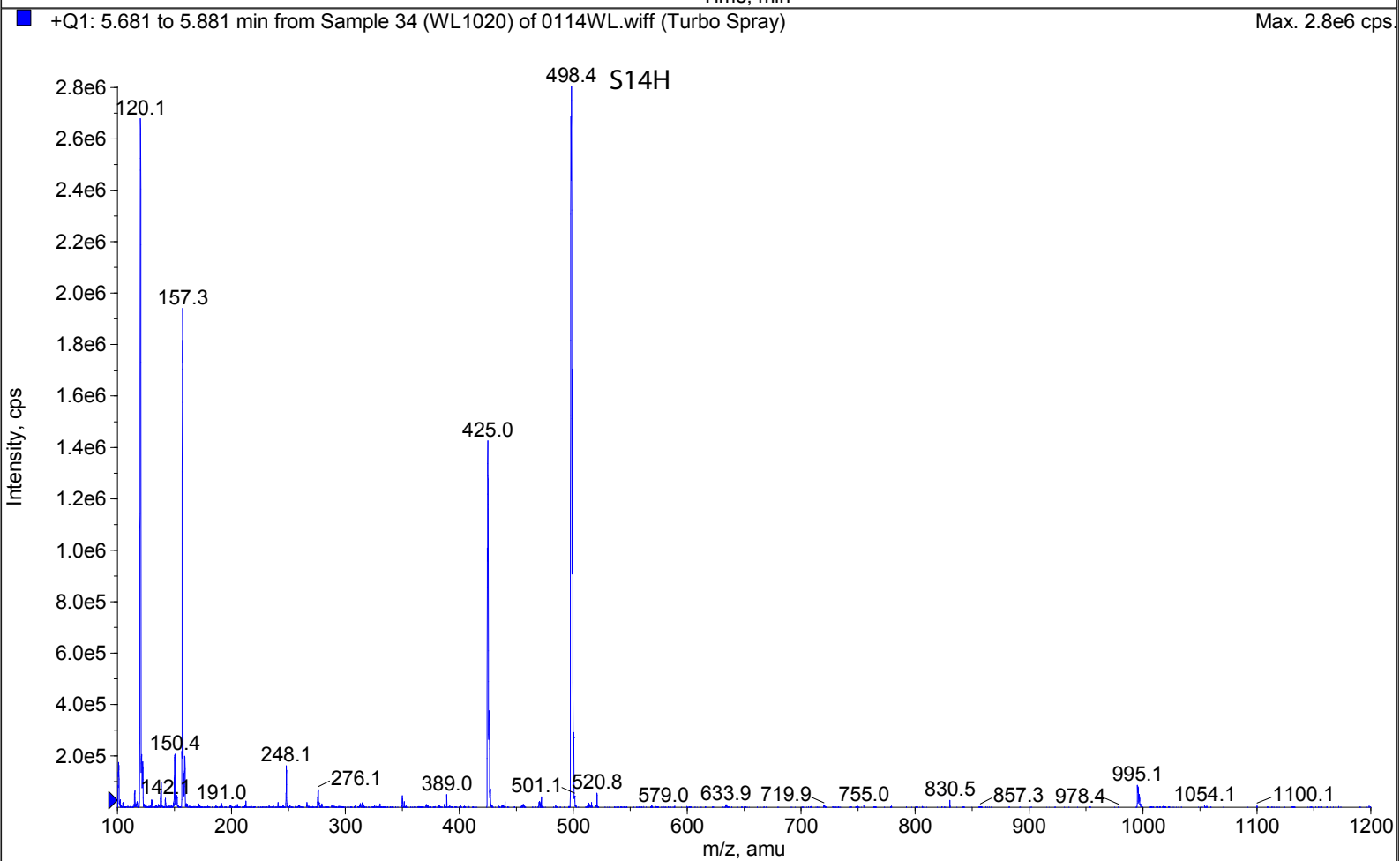
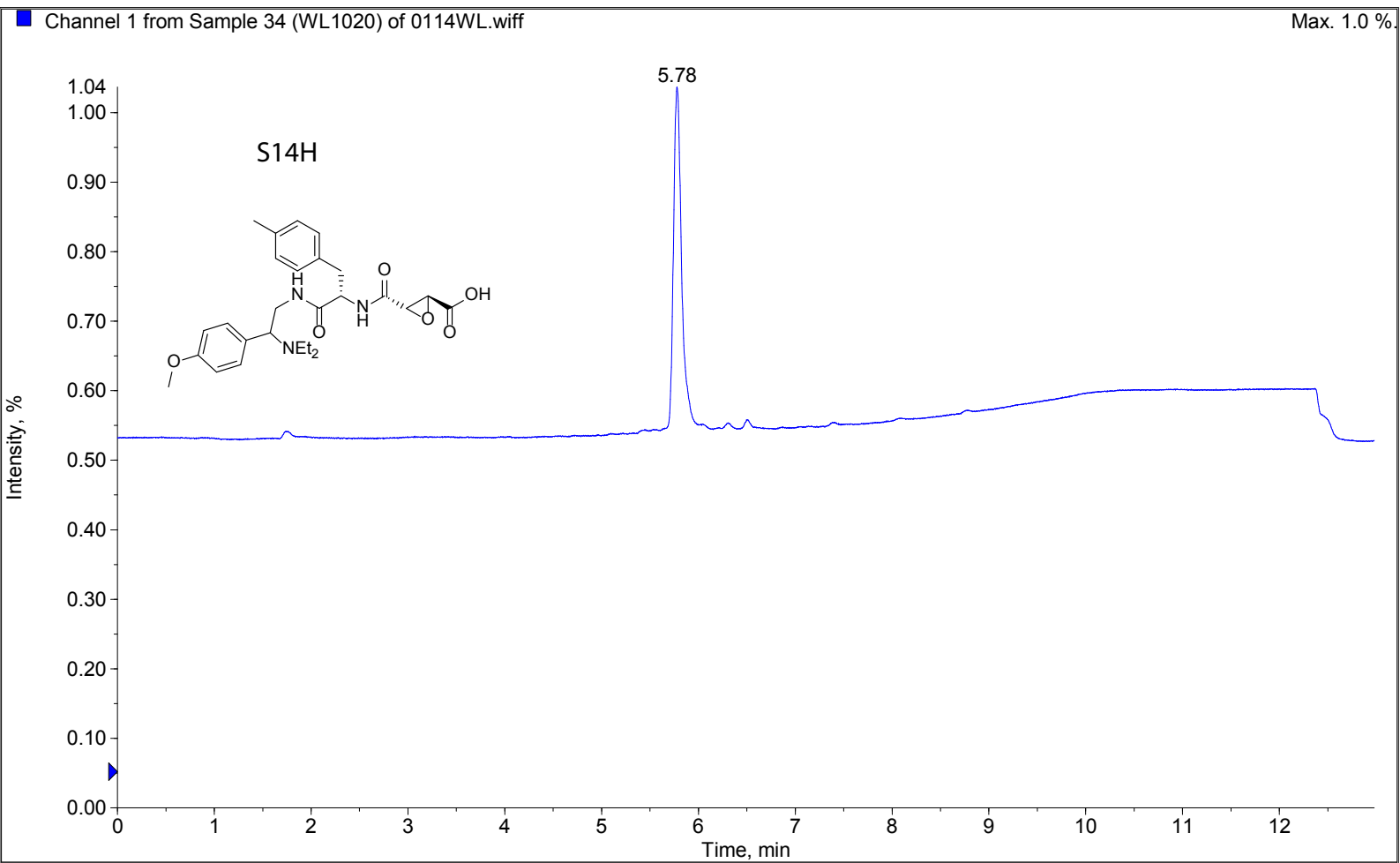


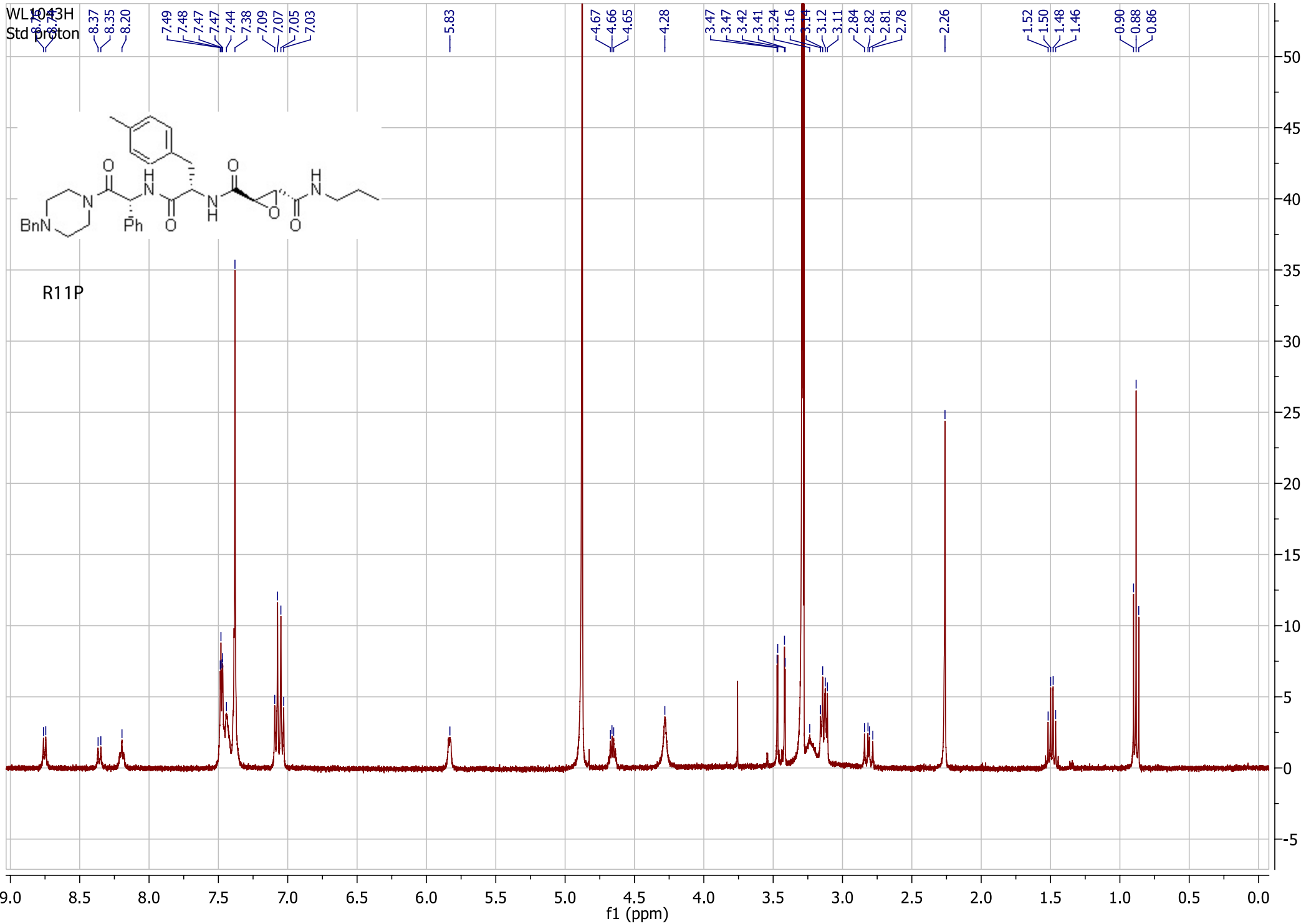


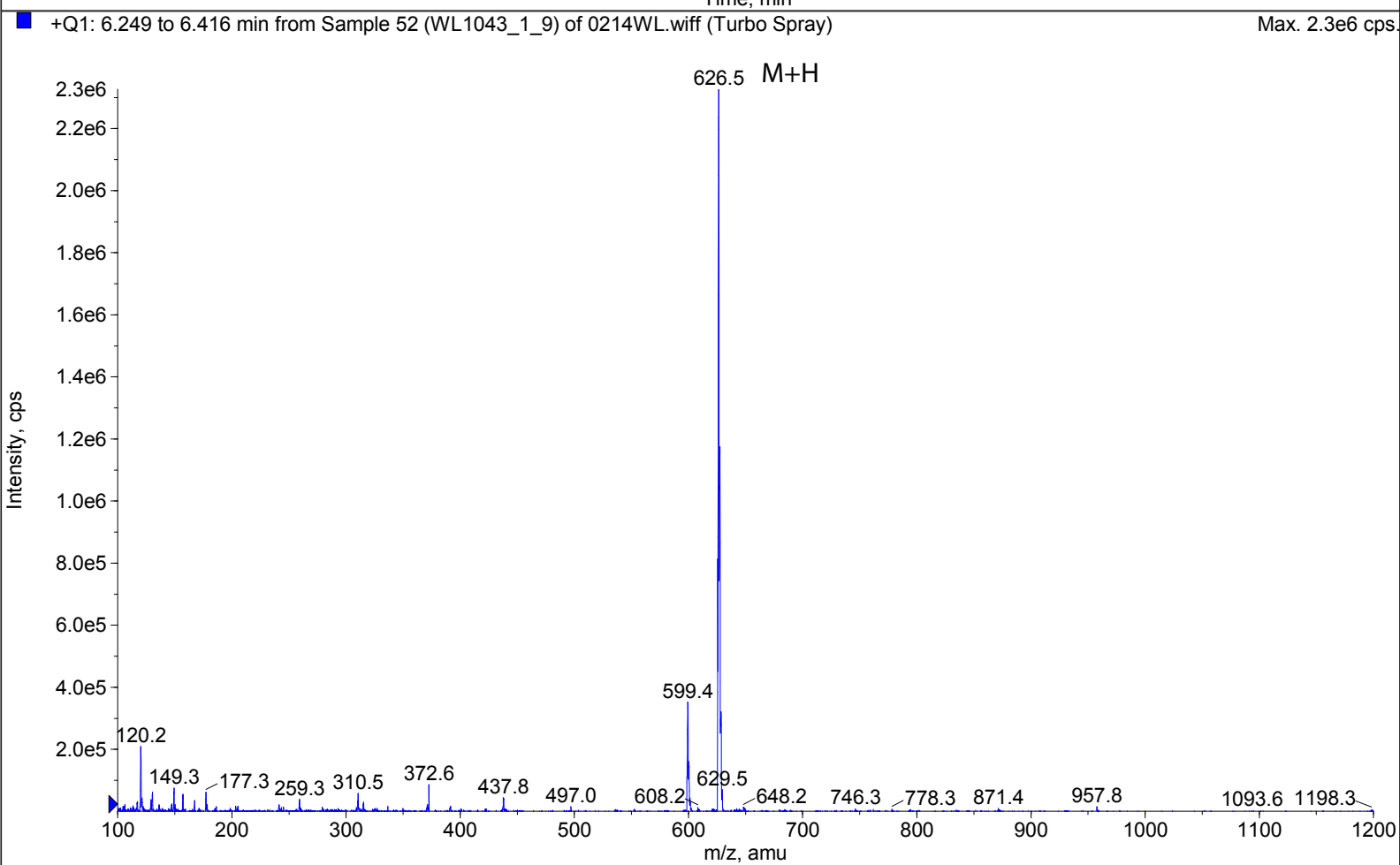
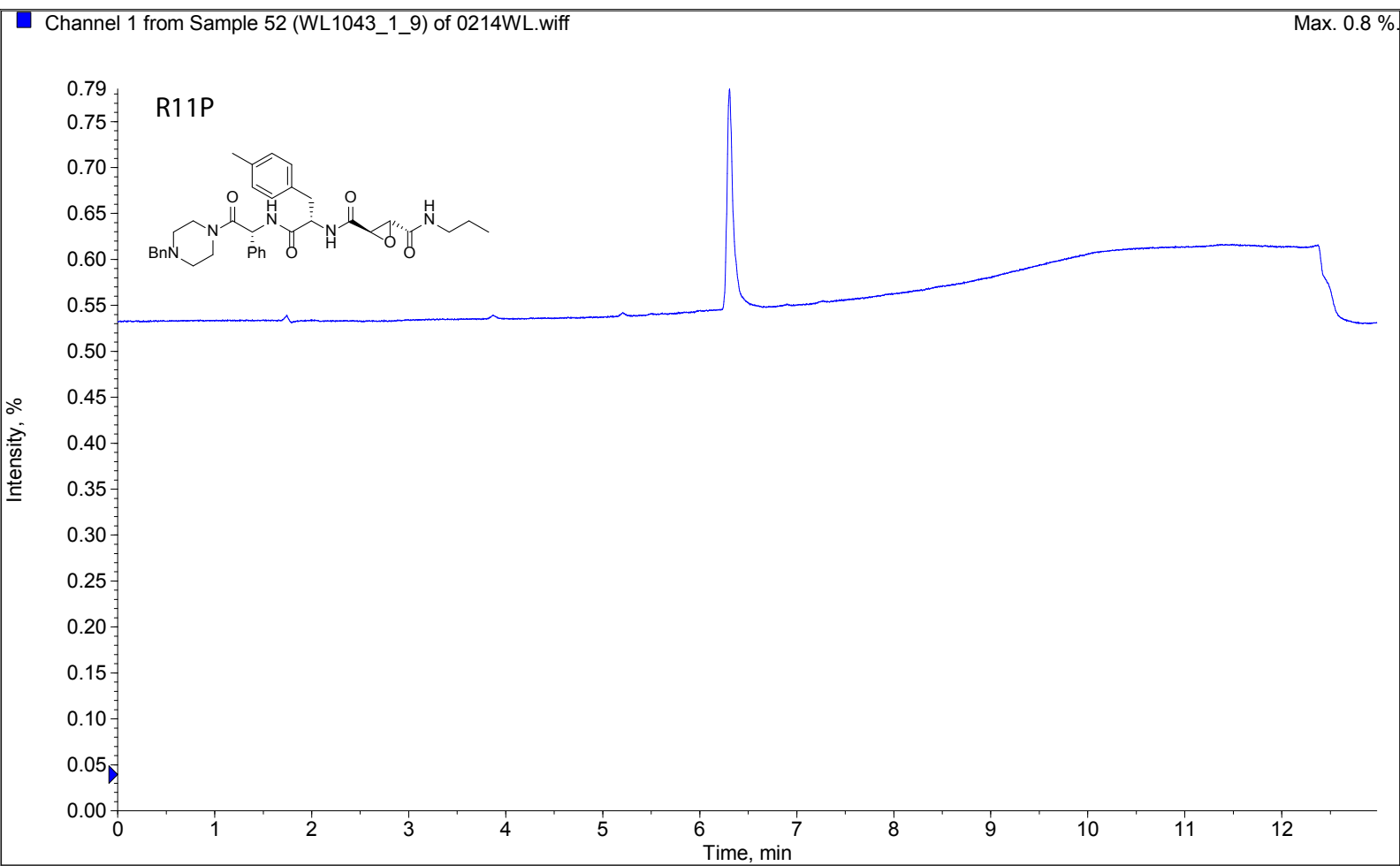






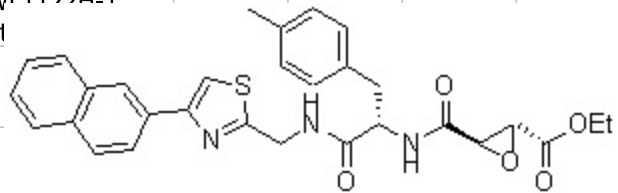






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