

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
 Data File : BM022227.D
 Acq On : 21 Aug 2019 13:53
 Operator : HP/JU
 Sample : K4408-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Quant Time: Aug 21 14:36:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

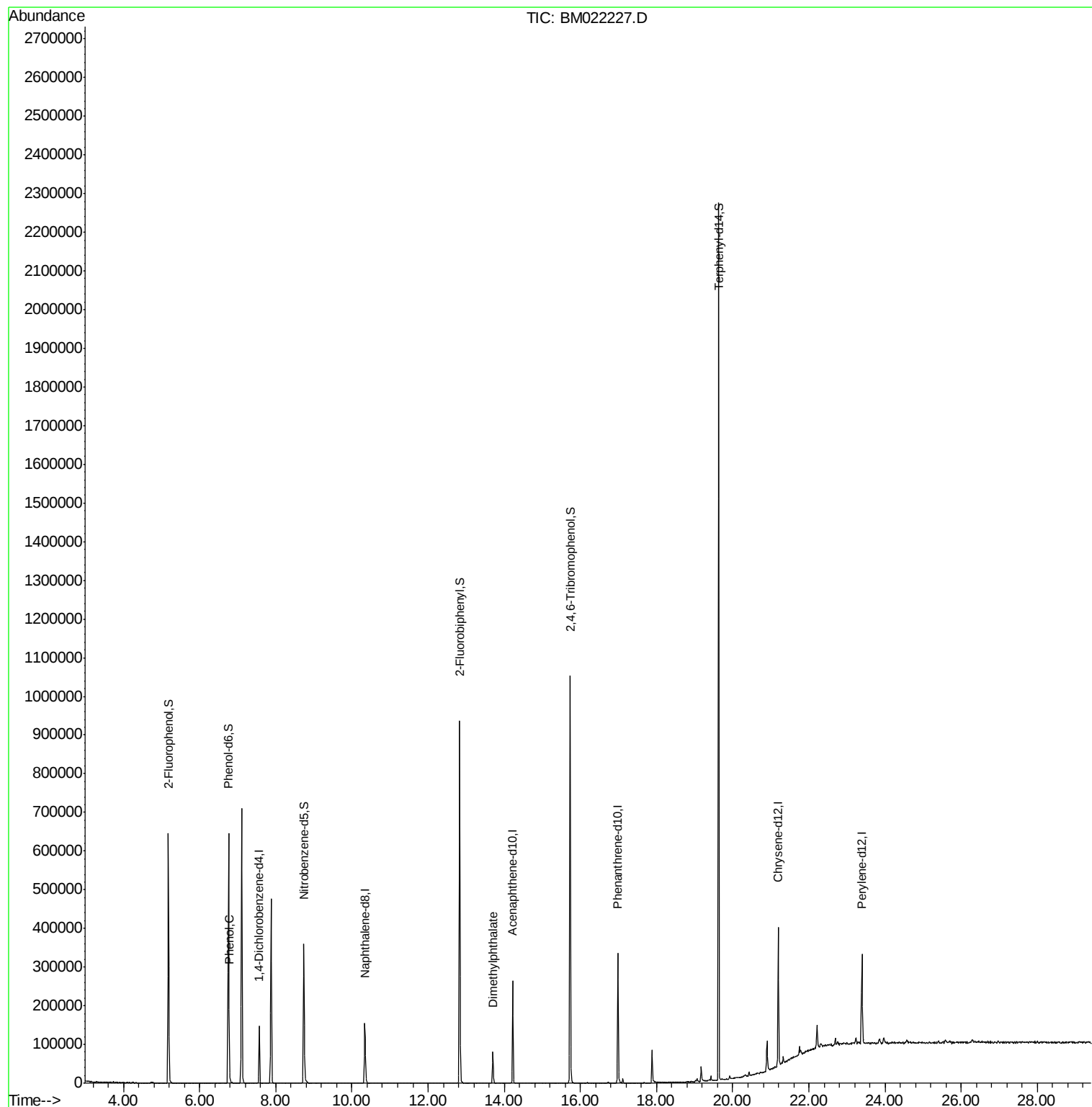
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	32518	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	128223	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	87119	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	181511	20.00	ng	0.00
76) Chrysene-d12	21.20	240	161394	20.00	ng	0.00
87) Perylene-d12	23.39	264	162484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	217043	118.94	ng	0.00
7) Phenol-d6	6.76	99	294273	121.10	ng	0.00
23) Nitrobenzene-d5	8.73	82	206593	78.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	168651	119.60	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	434606	62.31	ng	0.00
79) Terphenyl-d14	19.63	244	867742	78.34	ng	0.00
Target Compounds						
10) Phenol	6.78	94	7049	2.740	ng	Qvalue # 34
50) Dimethylphthalate	13.70	163	56394	7.699	ng	99

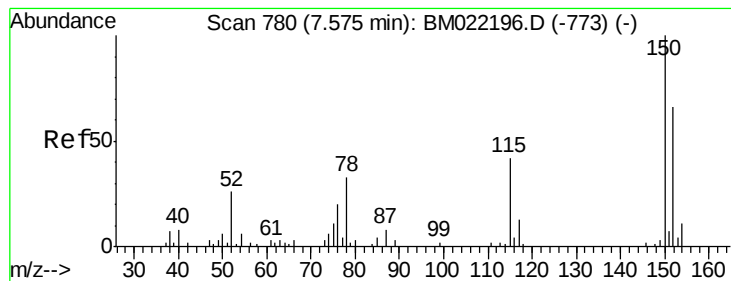
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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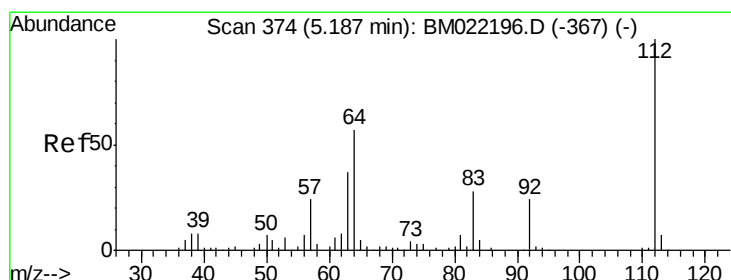
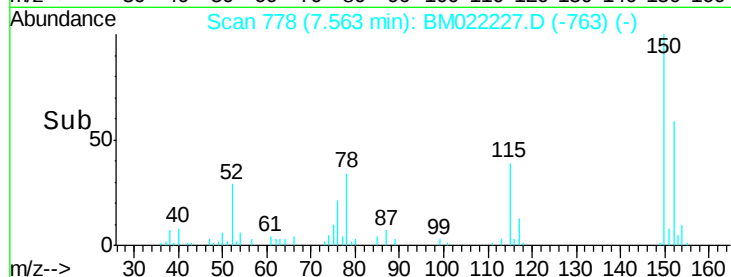
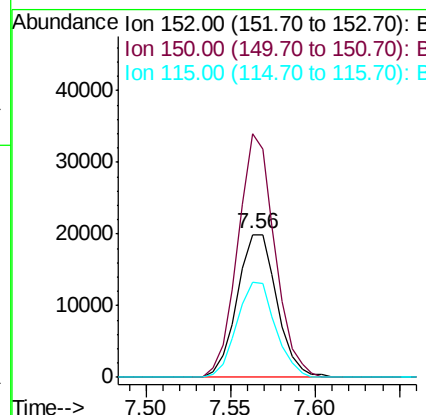
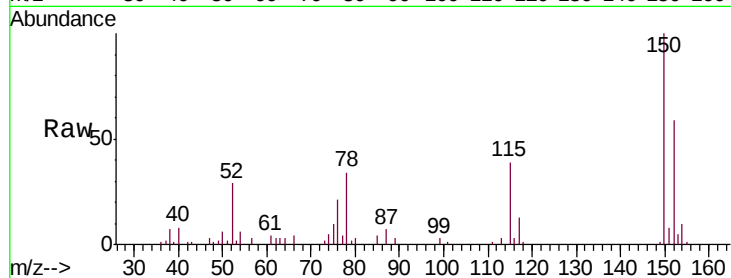




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BM022227.D
 Acq: 21 Aug 2019 13:53

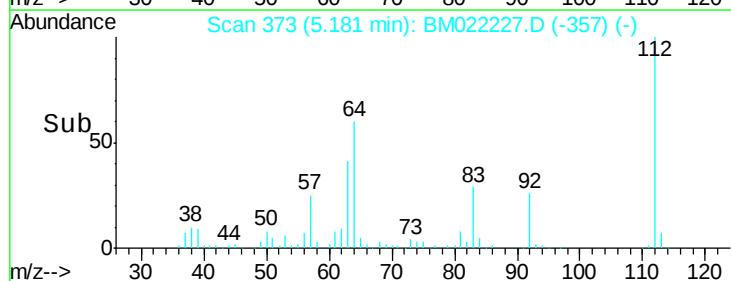
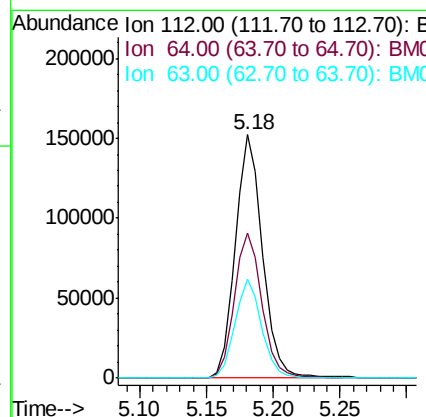
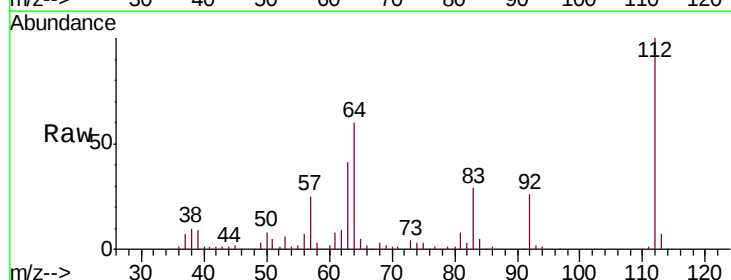
Instrument :
 BNA_M
 ClientSampleId :
 SP-1

Tgt Ion:152 Resp: 32518
 Ion Ratio Lower Upper
 152 100
 150 170.4 123.1 184.7
 115 67.0 44.2 66.4#



#5
 2-Fluorophenol
 Concen: 118.939 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BM022227.D
 Acq: 21 Aug 2019 13:53

Tgt Ion:112 Resp: 217043
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.2 67.8
 63 40.8 23.5 35.3#





#7

Phenol-d6

Concen: 121.096 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Instrument :

BNA_M

ClientSampled :

SP-1

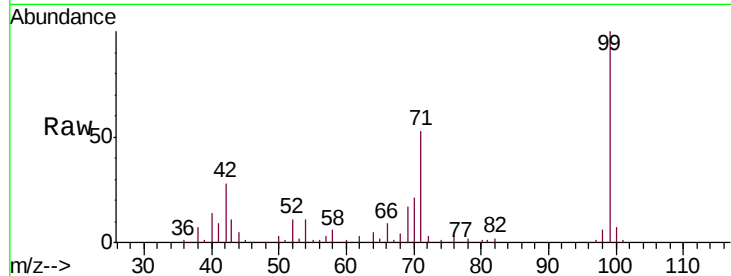
Tgt Ion: 99 Resp: 294273

Ion Ratio Lower Upper

99 100

42 28.3 13.5 20.3#

71 53.2 29.3 43.9#

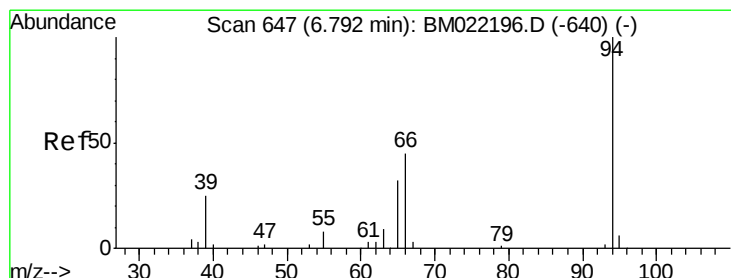
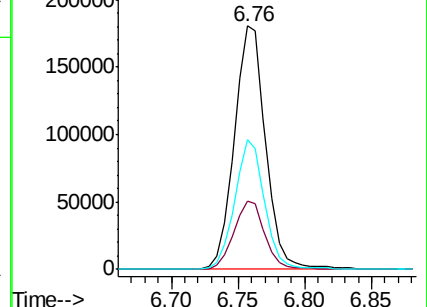
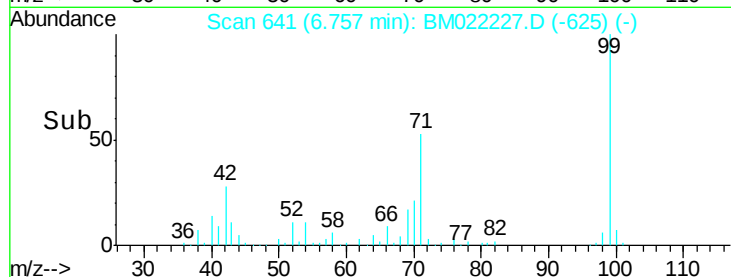


Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)

Time-->



#10

Phenol

Concen: 2.740 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

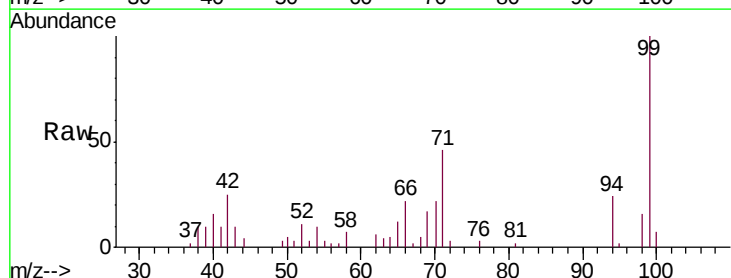
Tgt Ion: 94 Resp: 7049

Ion Ratio Lower Upper

94 100

65 49.6 8.7 48.7#

66 90.8 19.0 59.0#

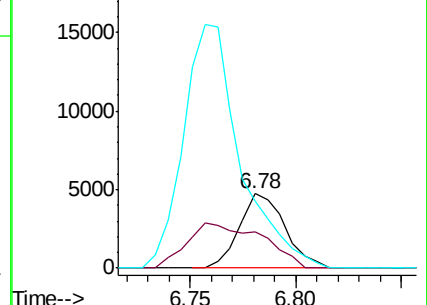
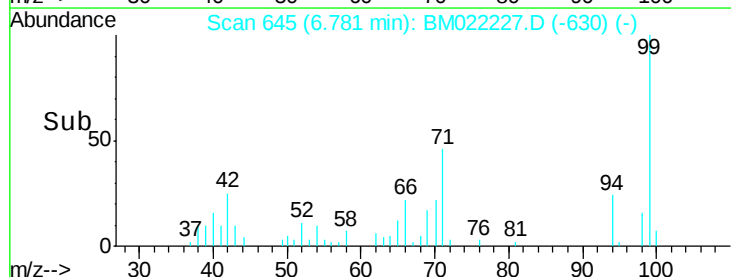


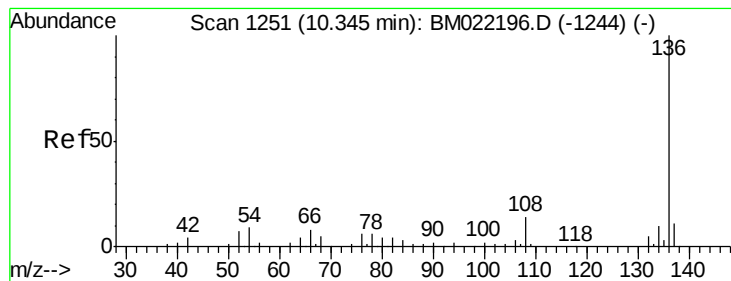
Abundance Ion 94.00 (93.70 to 94.70): BM022196.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM022196.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM022196.D (-640) (-)

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Instrument :

BNA_M

ClientSampleId :

SP-1

Tgt Ion: 136 Resp: 128223

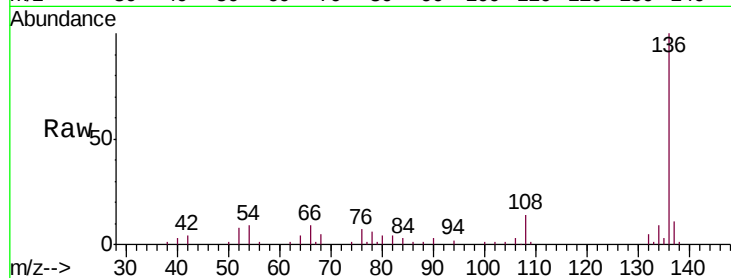
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.7 5.3 7.9#

68 4.7 4.4 6.6

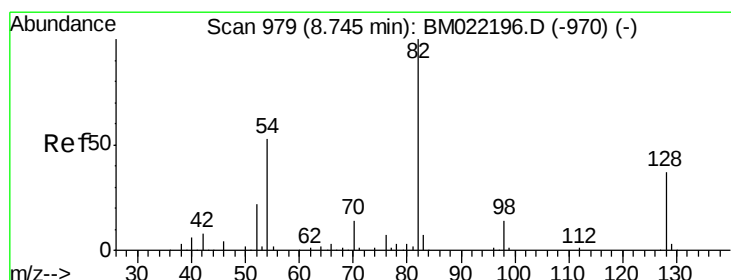
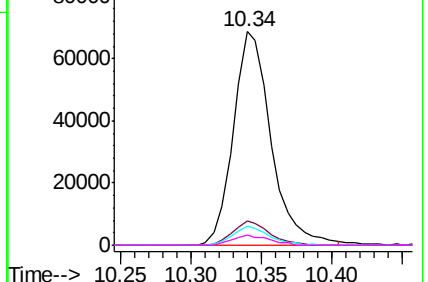
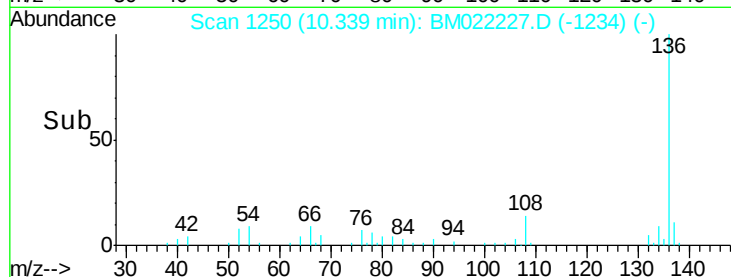


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 78.364 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

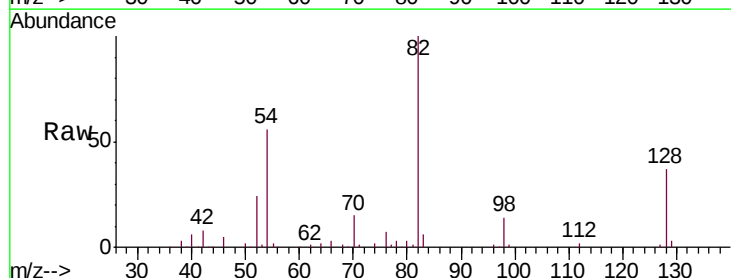
Tgt Ion: 82 Resp: 206593

Ion Ratio Lower Upper

82 100

128 36.8 35.9 53.9

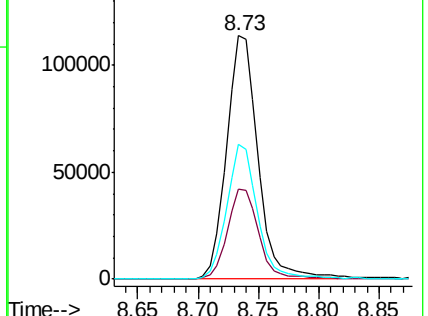
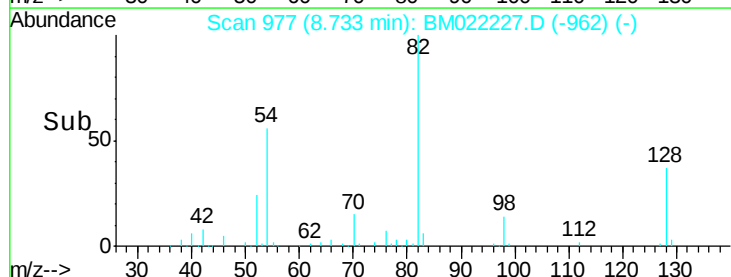
54 55.6 36.6 55.0#

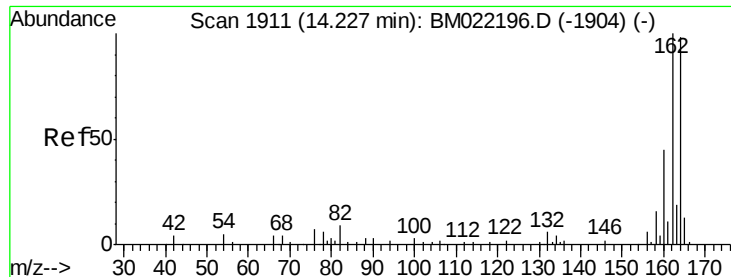


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Instrument :

BNA_M

ClientSampleId :

SP-1

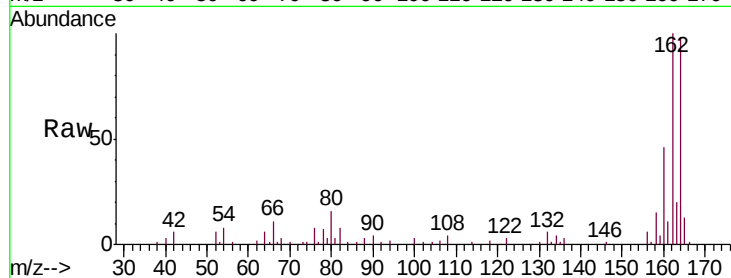
Tgt Ion:164 Resp: 87119

Ion Ratio Lower Upper

164 100

162 102.5 82.1 123.1

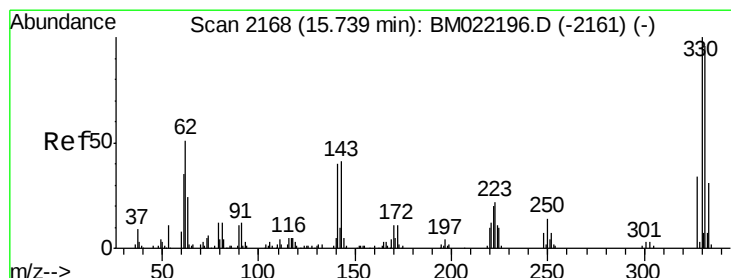
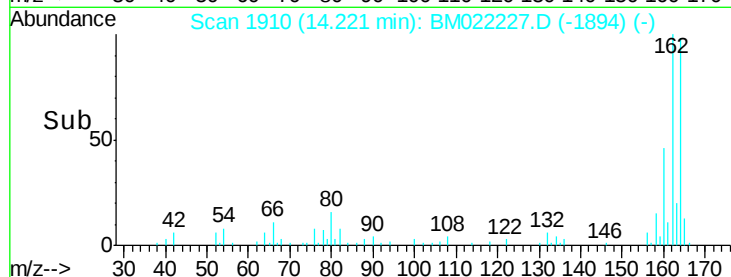
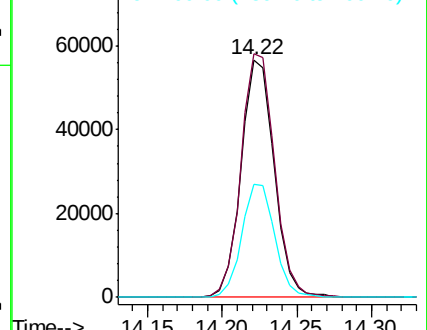
160 47.4 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 119.603 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

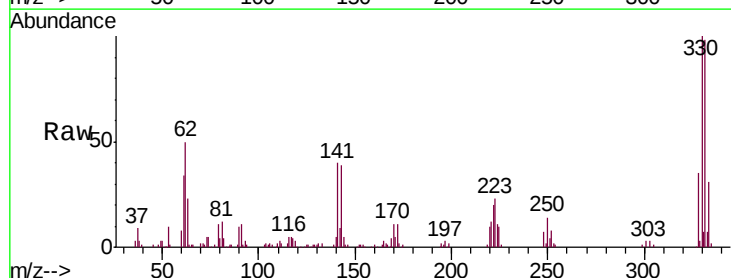
Tgt Ion:330 Resp: 168651

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

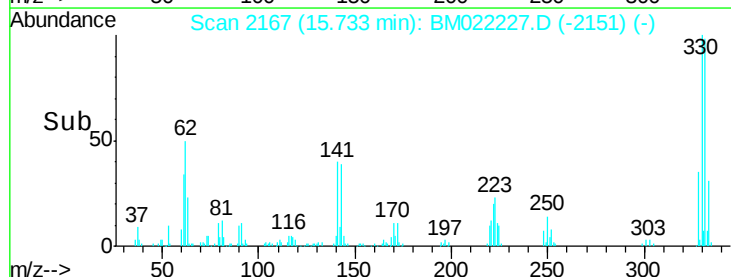
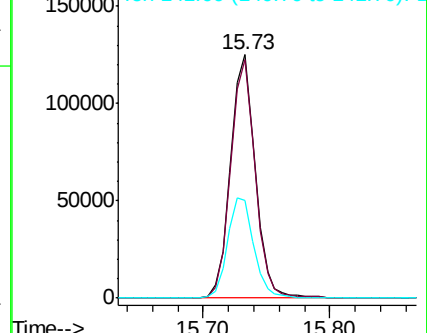
141 43.7 21.8 32.8#

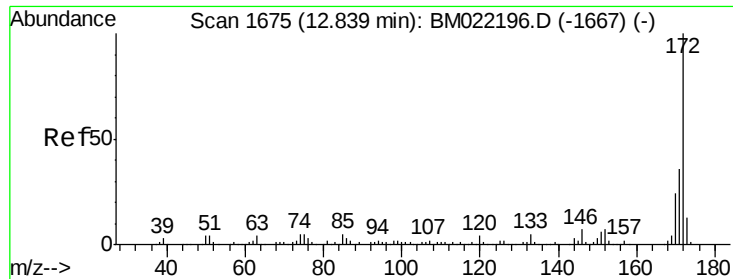


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

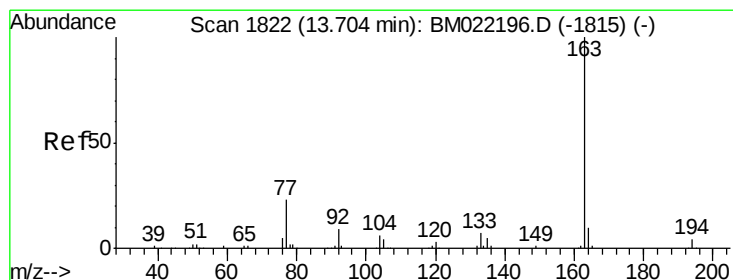
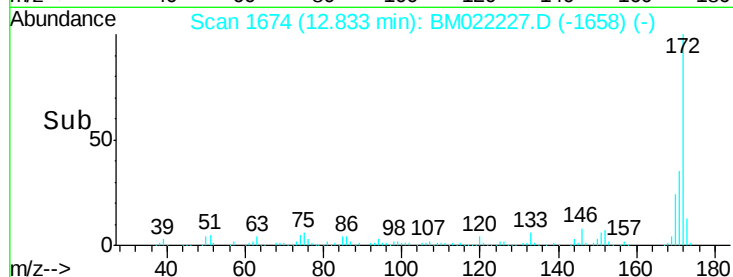
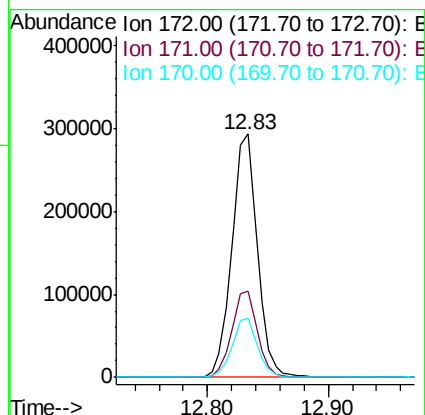
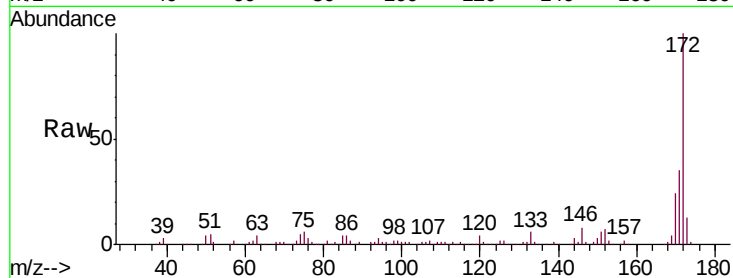




#45
2-Fluorobiphenyl
Concen: 62.308 ng
RT: 12.83 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

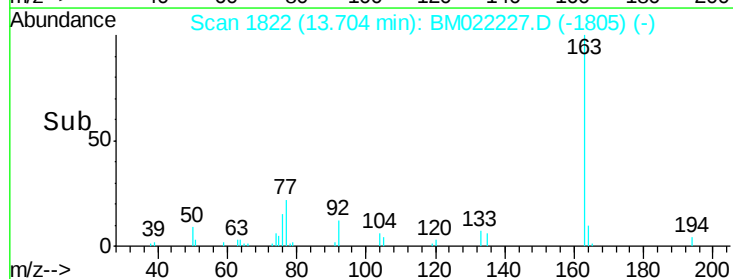
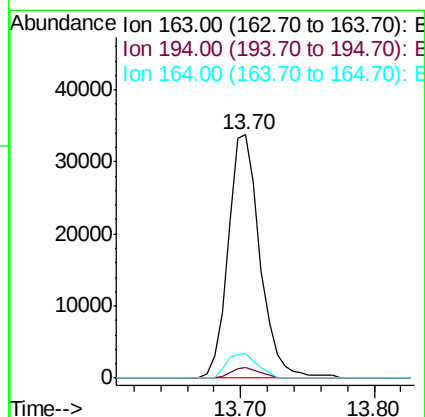
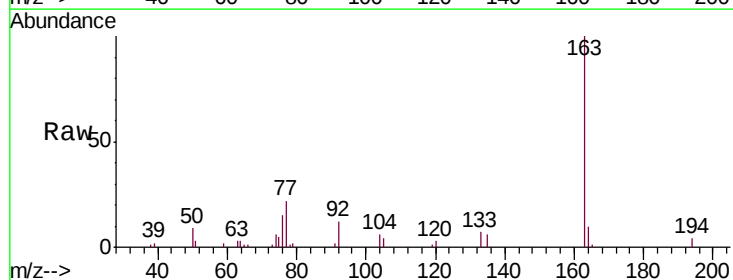
Instrument :
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SP-1

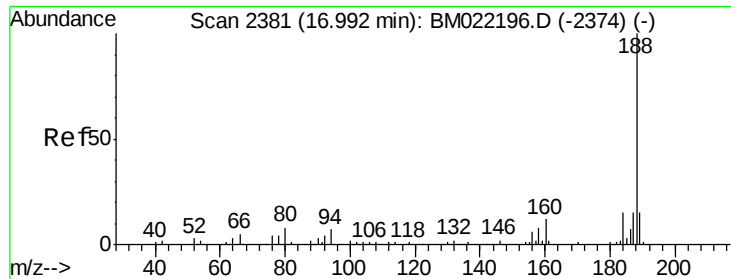
Tgt Ion:172 Resp: 434606
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.4 18.7 28.1



#50
Dimethylphthalate
Concen: 7.699 ng
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

Tgt Ion:163 Resp: 56394
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.2 12.2

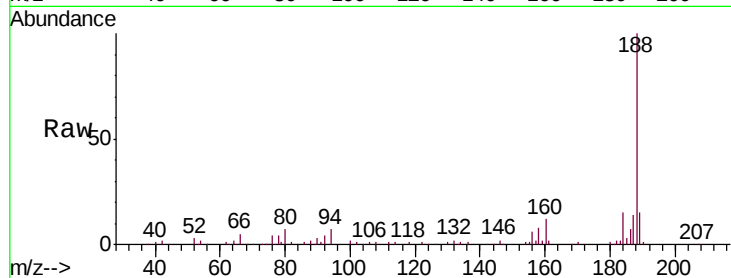




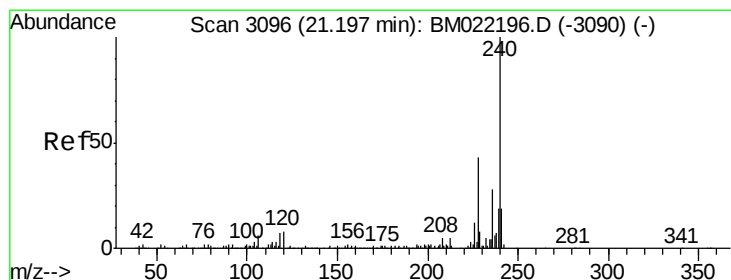
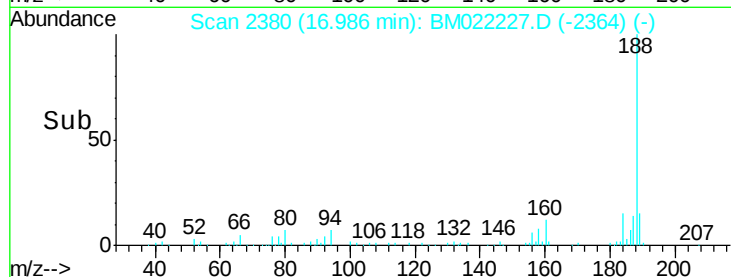
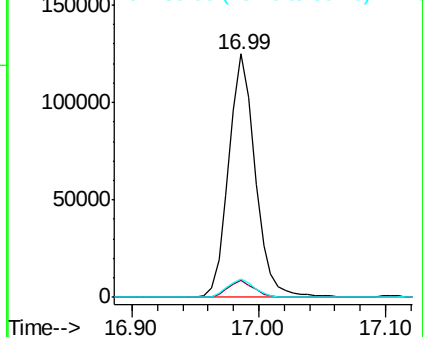
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion:188 Resp: 181511
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 7.5 6.9 10.3

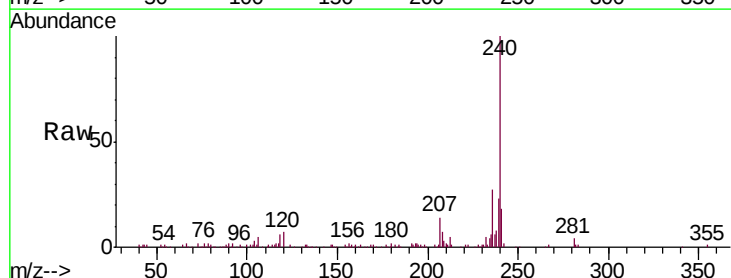


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

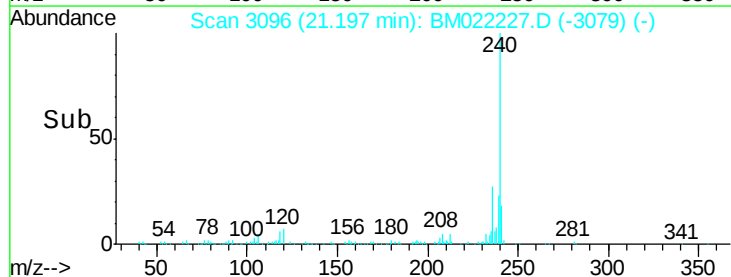
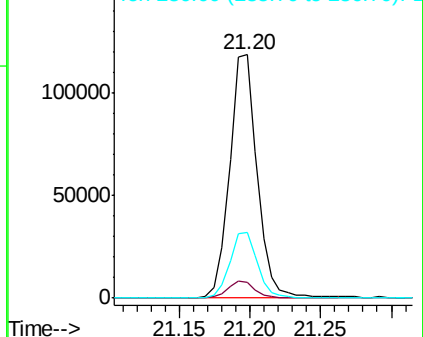


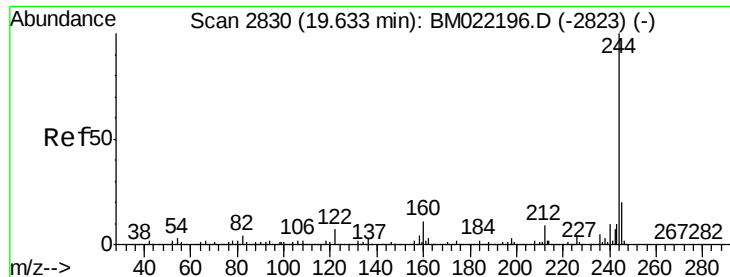
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM022227.D
Acq: 21 Aug 2019 13:53

Tgt Ion:240 Resp: 161394
Ion Ratio Lower Upper
240 100
120 6.7 6.9 10.3#
236 27.2 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.341 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

Instrument :

BNA_M

ClientSampleId :

SP-1

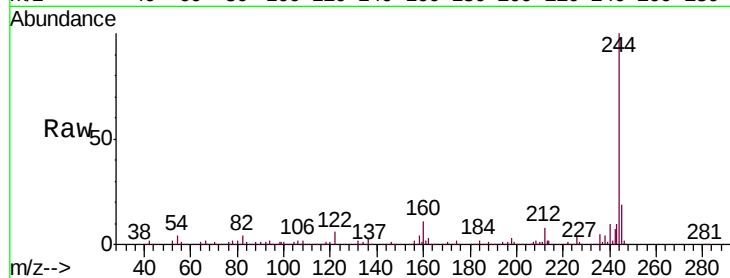
Tgt Ion:244 Resp: 867742

Ion Ratio Lower Upper

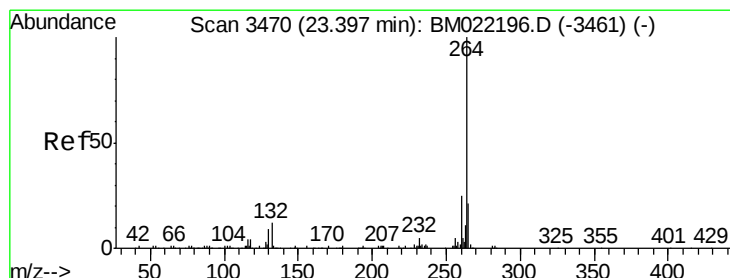
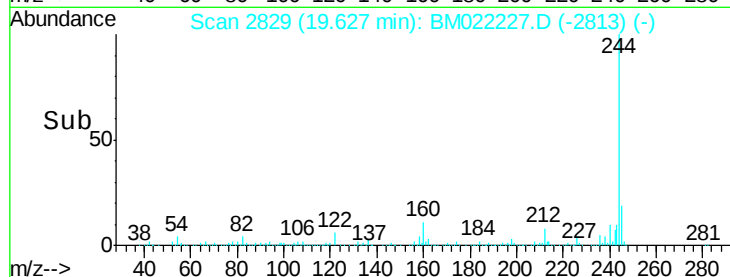
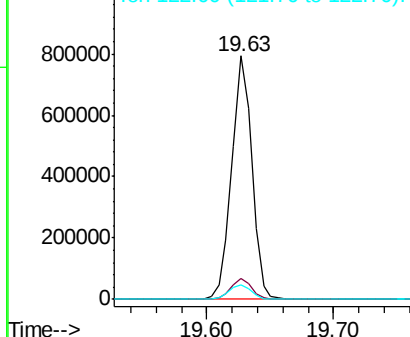
244 100

212 8.4 5.3 7.9#

122 6.2 6.6 9.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM022227.D

Acq: 21 Aug 2019 13:53

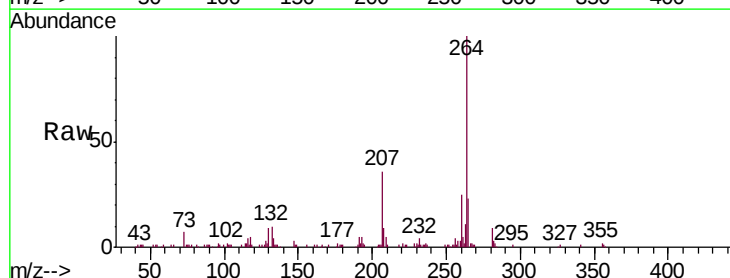
Tgt Ion:264 Resp: 162484

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.4

265 23.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

