

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021170.D
 Acq On : 25 Jun 2019 20:28
 Operator : HP/JU
 Sample : K3498-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA0

Quant Time: Jun 26 01:38:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	209514	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	931727	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	611880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1517935	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1399868	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1299926	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	19878	4.51	ng/uL	0.00
5) Phenol-d5	6.94	99	521262	28.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	306544	28.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	434068	29.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	406783	26.72	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	228790	30.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	263789	31.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	545038	31.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	282495	15.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1801673	32.59	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2091604	30.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	217905	24.23	ng/ul	0.00
57) Fluorene-d10	15.40	176	1610783	33.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	213087	22.84	ng/ul	0.00
70) Anthracene-d10	17.26	188	2534388	32.13	ng/ul	0.00
78) Pyrene-d10	19.55	212	2844007	33.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2417257	31.52	ng/ul	0.00

Target Compounds

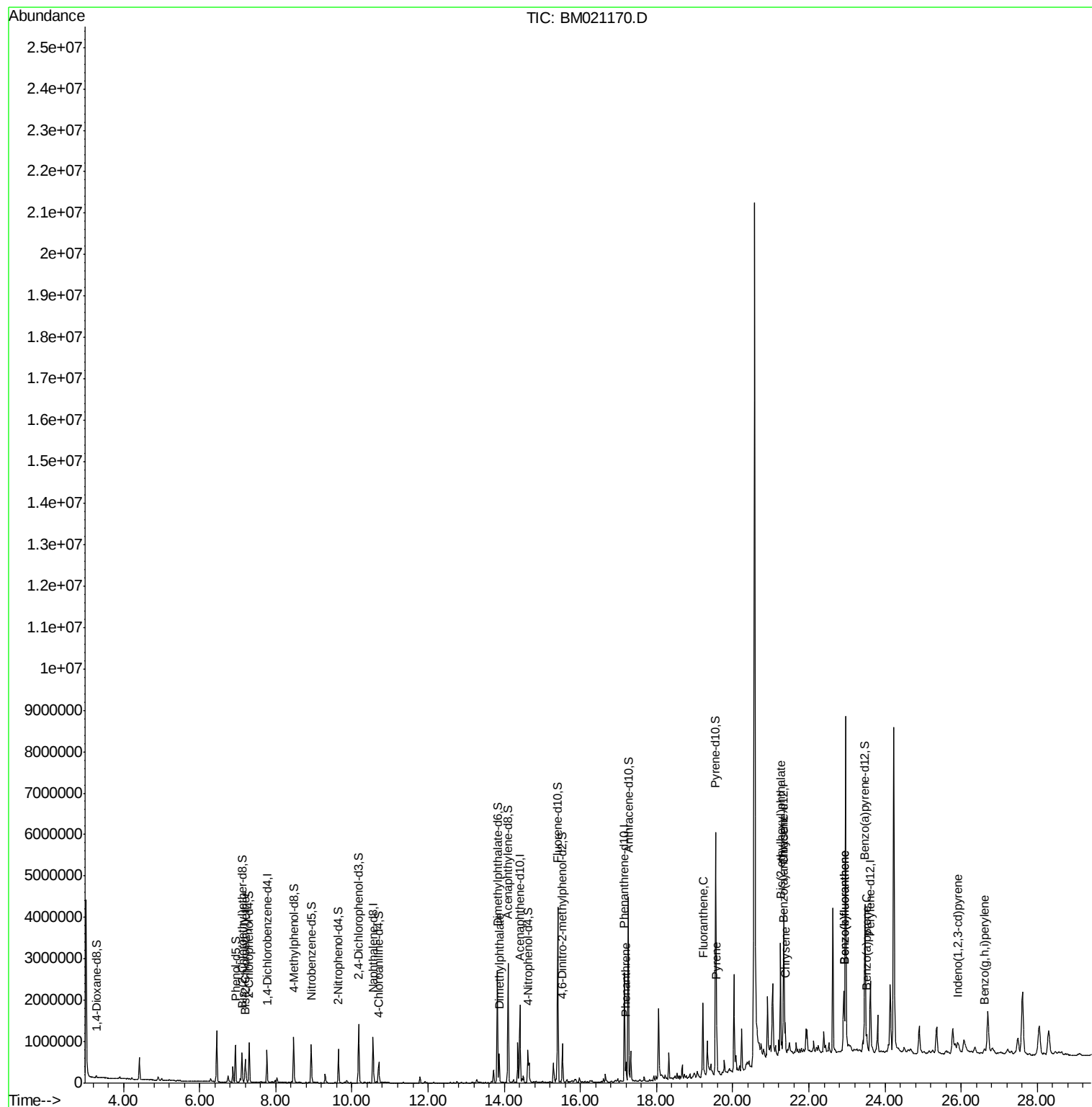
					Qvalue	
8) Bis(2-Chloroethyl)ether	7.20	93	242431	18.415	ng/ul#	25
44) Dimethylphthalate	13.87	163	432330	8.590	ng/ul	100
69) Phenanthrene	17.20	178	240648	2.867	ng/ul	99
76) Fluoranthene	19.22	202	850081	9.372	ng/ul	99
79) Pyrene	19.58	202	691652	6.989	ng/ul	99
82) Benzo(a)anthracene	21.33	228	343560	3.600	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	891495	17.092	ng/ul	100
84) Chrysene	21.38	228	432803	4.842	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	532242	6.464	ng/ul#	97
88) Benzo(k)fluoranthene	22.93	252	532242	6.719	ng/ul	97
90) Benzo(a)pyrene	23.51	252	286085	3.691	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.90	276	201497	2.208	ng/ul	96
93) Benzo(g,h,i)perylene	26.61	276	158082	2.103	ng/ul	98

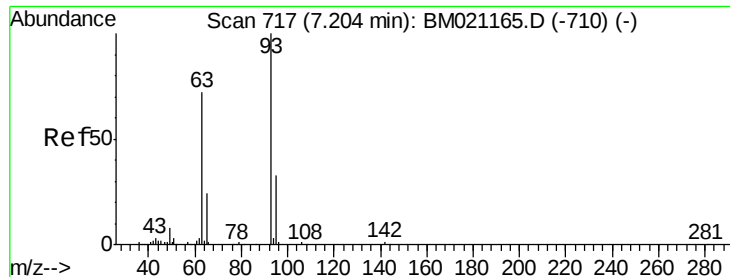
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 18.415 ng/ul

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

Instrument :

BNA_M

ClientSampleId :

C5AA0

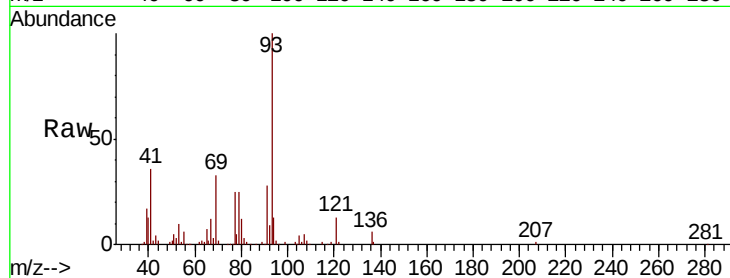
Tgt Ion: 93 Resp: 242431

Ion Ratio Lower Upper

93 100

63 2.1 57.9 86.9#

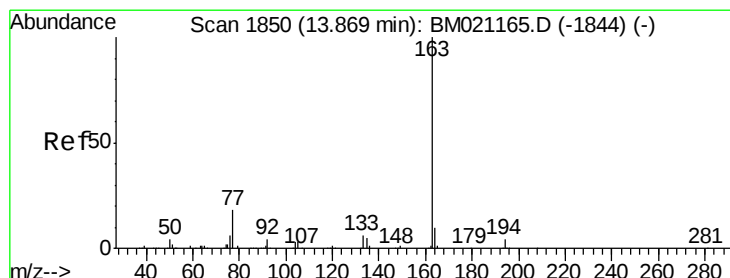
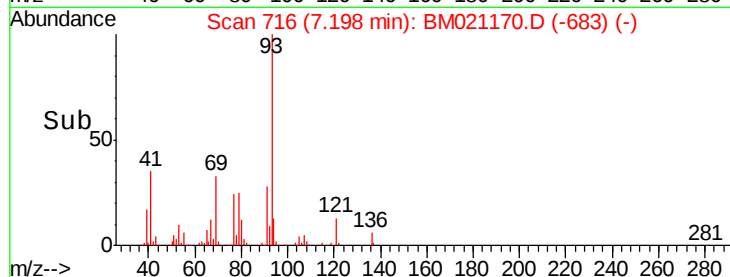
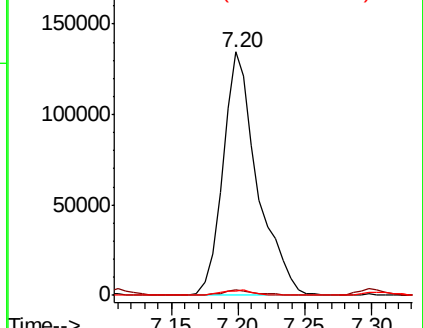
95 1.9 26.2 39.4#



Abundance Ion 93.00 (92.70 to 93.70): BM021165.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM021165.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM021165.D (-710) (-)



#44

Dimethylphthalate

Concen: 8.590 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

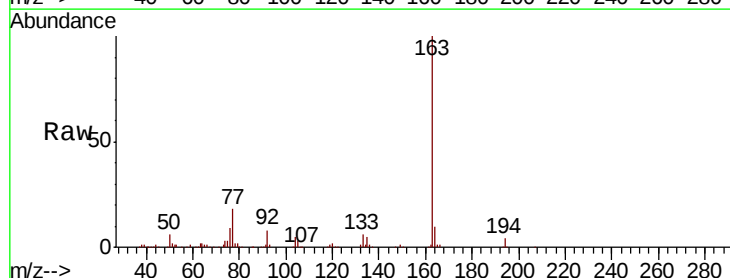
Tgt Ion: 163 Resp: 432330

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

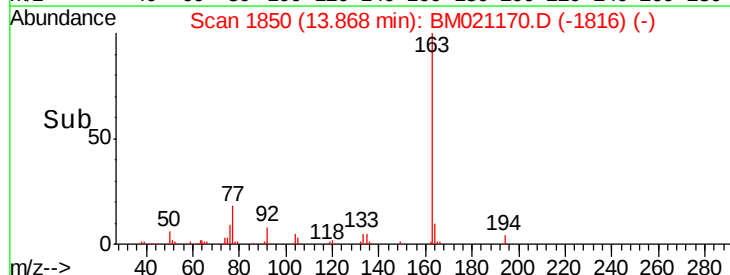
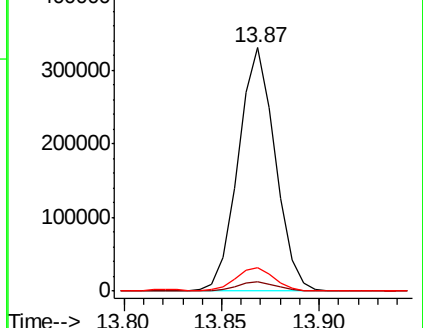
164 9.7 7.7 11.5

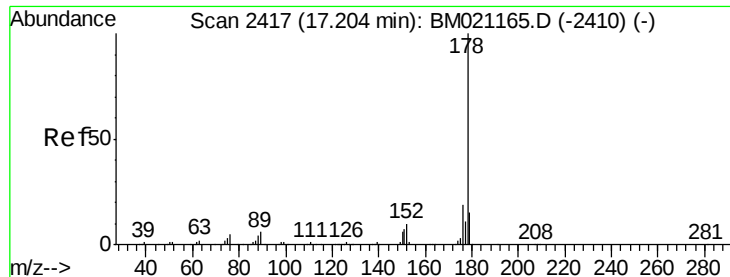


Abundance Ion 163.00 (162.70 to 163.70): BM021165.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM021165.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM021165.D (-1844) (-)





#69

Phenanthrene

Concen: 2.867 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

Instrument :

BNA_M

ClientSampleId :

C5AA0

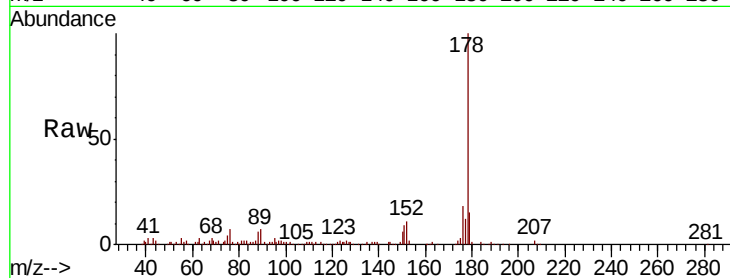
Tgt Ion:178 Resp: 240648

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

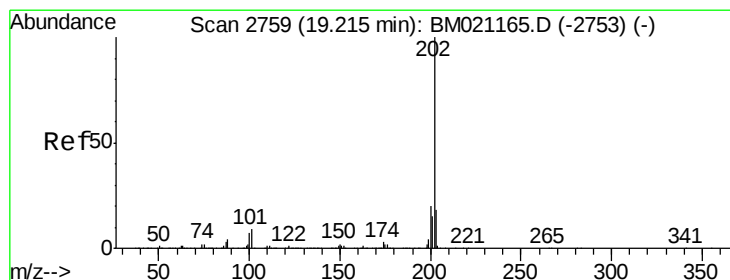
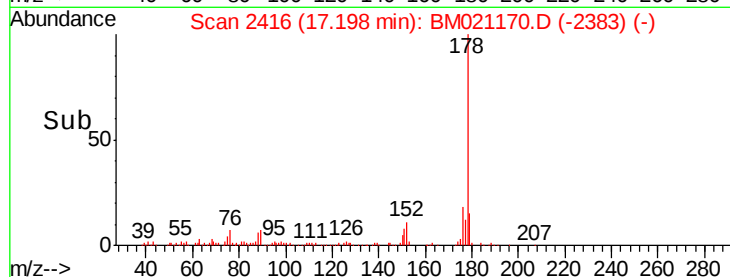
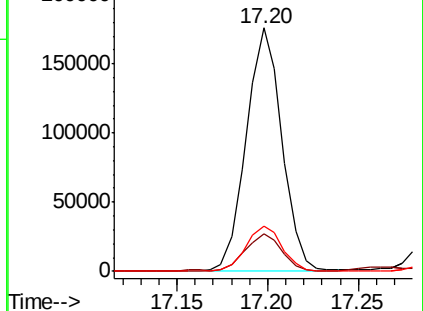
176 18.4 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 9.372 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

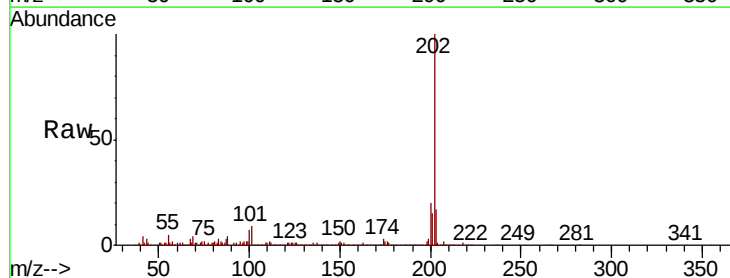
Tgt Ion:202 Resp: 850081

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

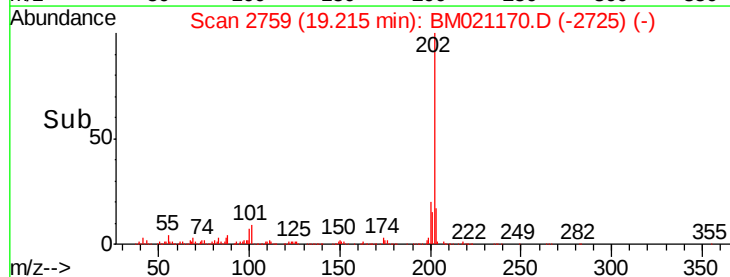
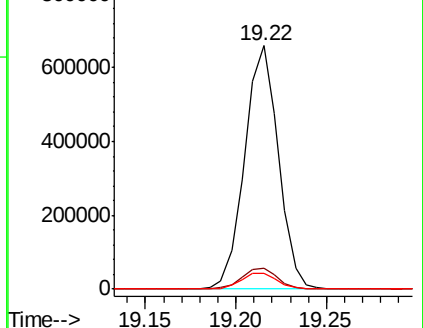
100 6.6 5.5 8.3

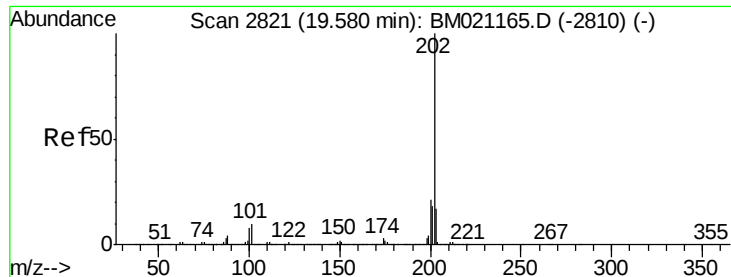


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

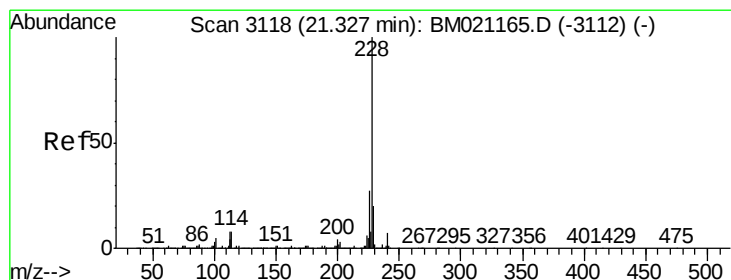
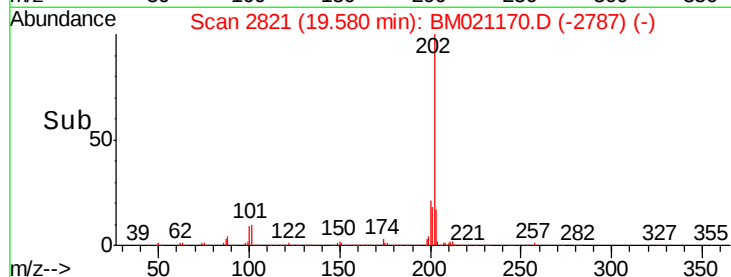
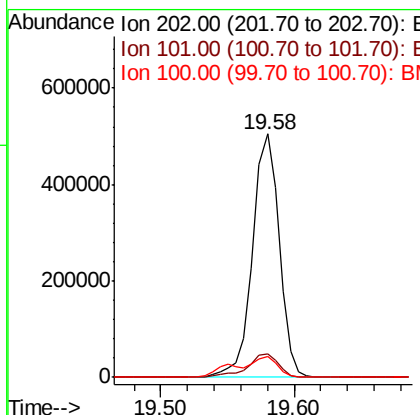
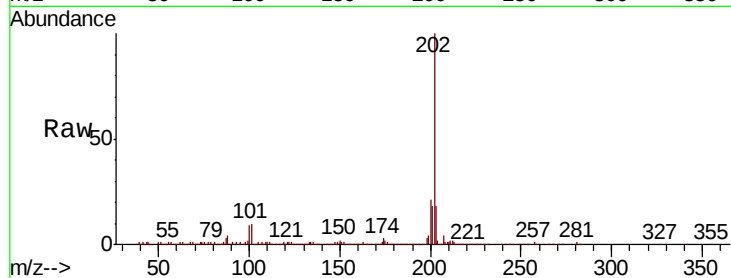




#79
 Pyrene
 Concen: 6.989 ng/ul
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BM021170.D
 Acq: 25 Jun 2019 20:28

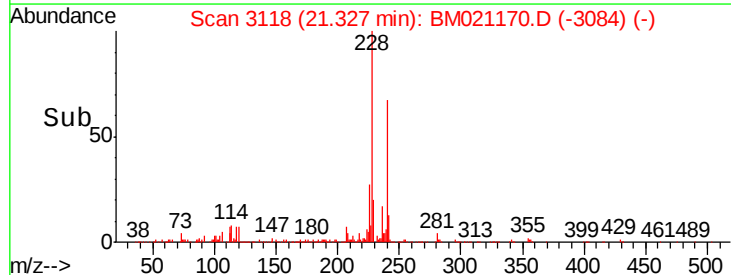
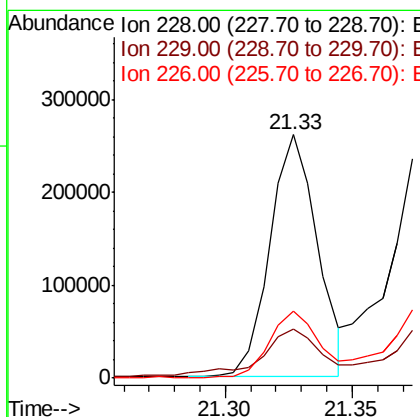
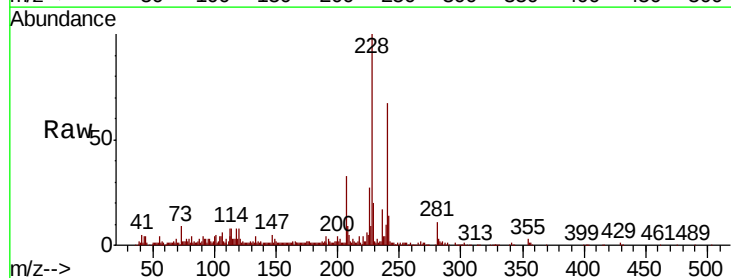
Instrument :
 BNA_M
 ClientSampleId :
 C5AA0

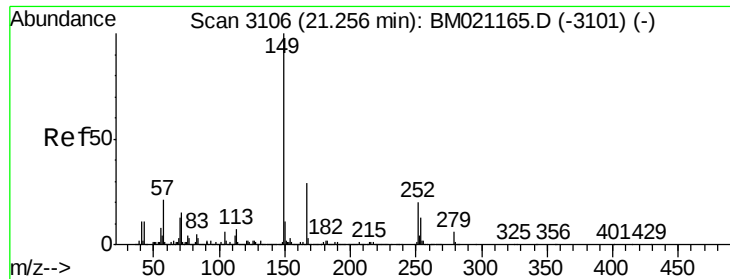
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.1	12.1
100	8.6	6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 3.600 ng/ul
 RT: 21.33 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BM021170.D
 Acq: 25 Jun 2019 20:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	27.3	21.4	32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.092 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

Instrument :

BNA_M

ClientSampleId :

C5AA0

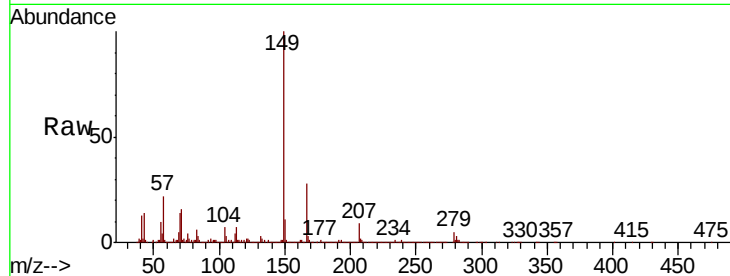
Tgt Ion:149 Resp: 891495

Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

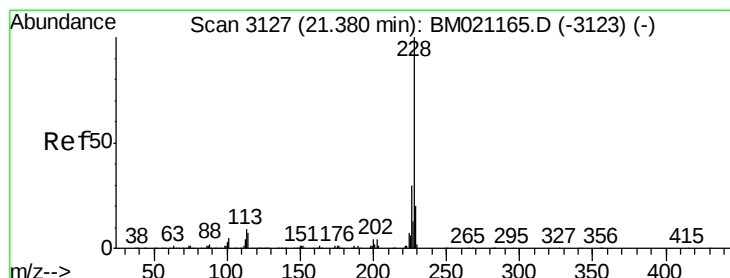
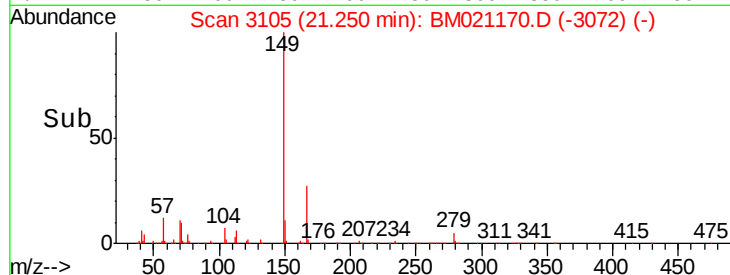
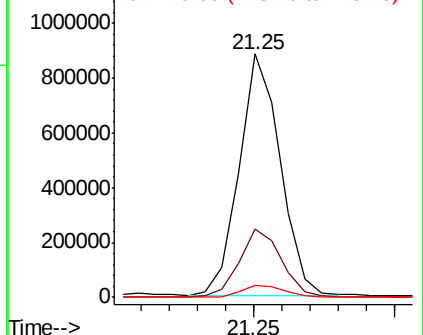
279 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 4.842 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

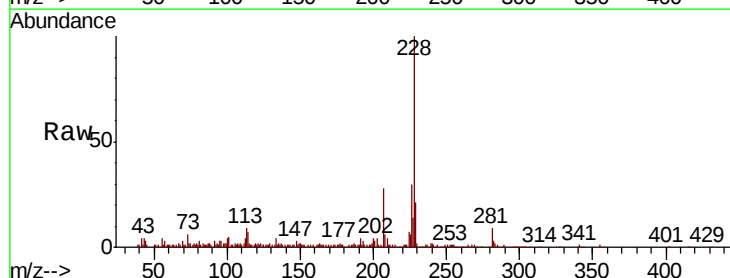
Tgt Ion:228 Resp: 432803

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

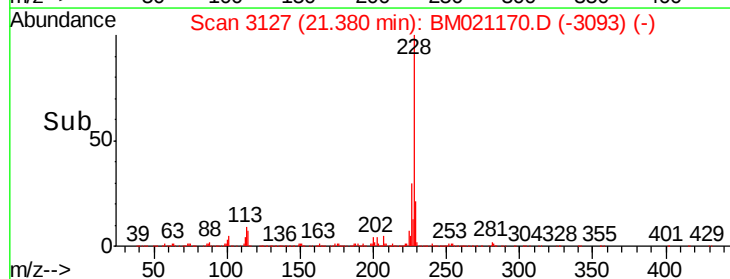
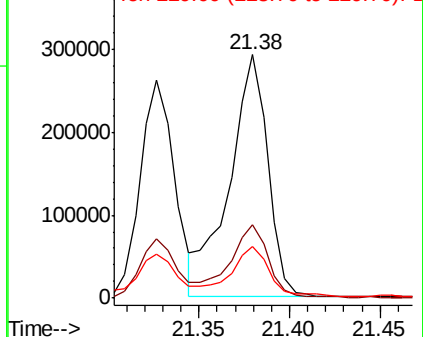
229 21.4 15.4 23.2

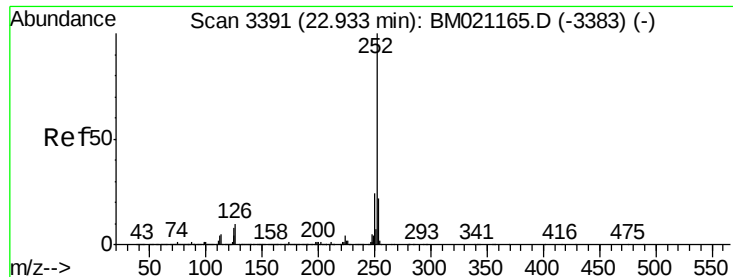


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 6.464 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. -0.00 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

Instrument :

BNA_M

ClientSampleId :

C5AA0

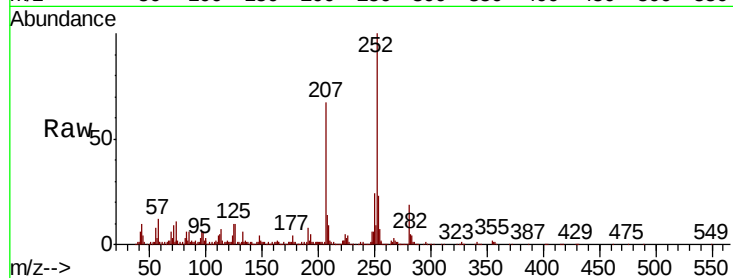
Tgt Ion:252 Resp: 532242

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 9.6 6.3 9.5#

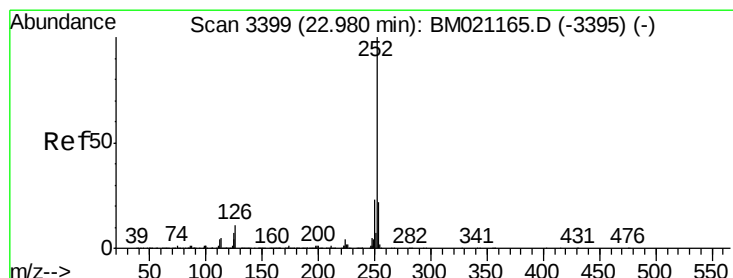
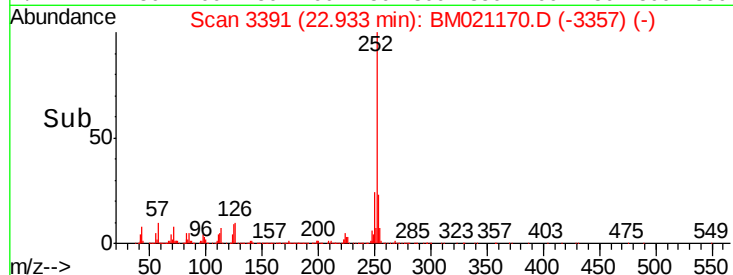
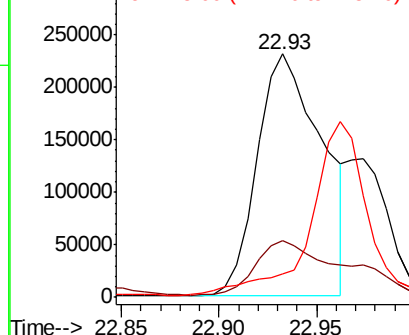


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 6.719 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. -0.05 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

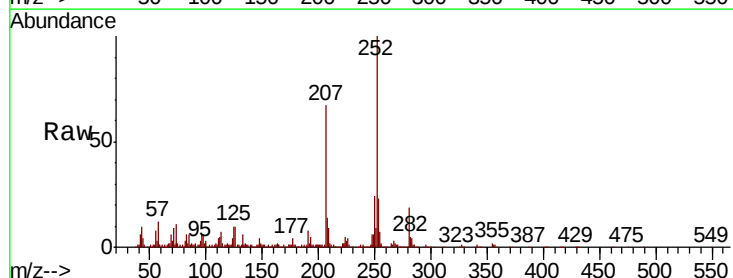
Tgt Ion:252 Resp: 532242

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 9.6 6.6 9.8

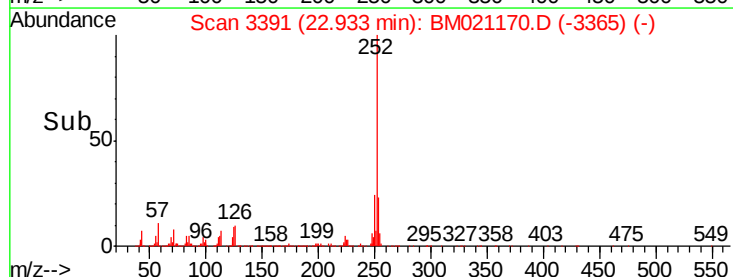
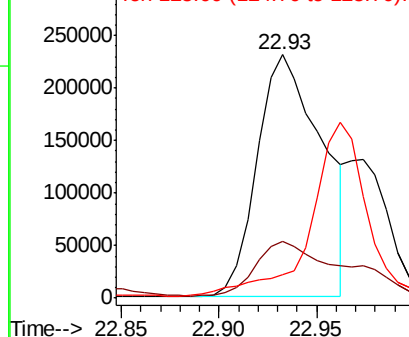


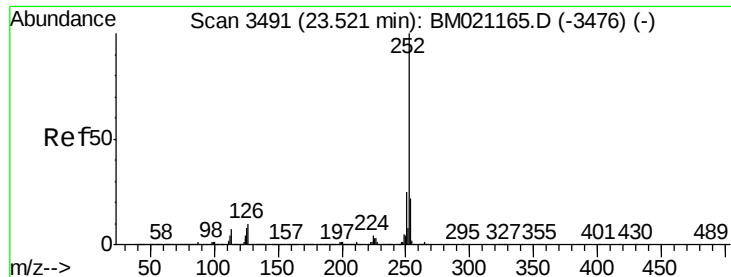
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.691 ng/ul

RT: 23.51 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

Instrument :

BNA_M

ClientSampleId :

C5AA0

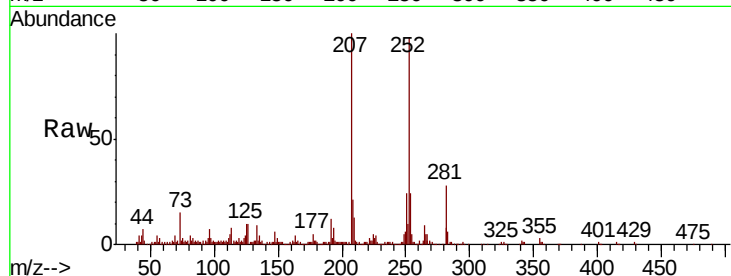
Tgt Ion:252 Resp: 286085

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.8

125 9.9 7.2 10.8

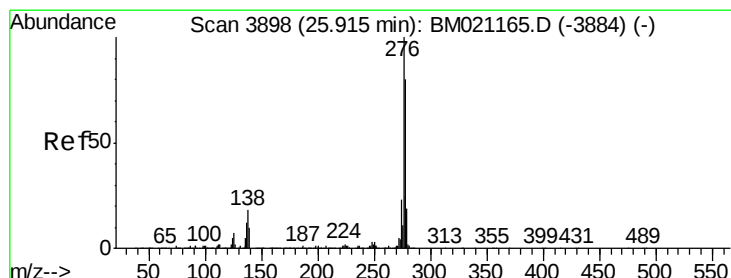
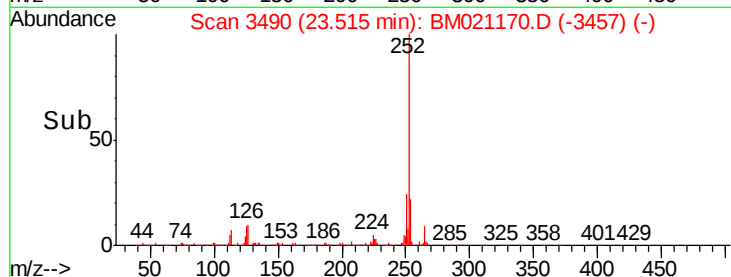
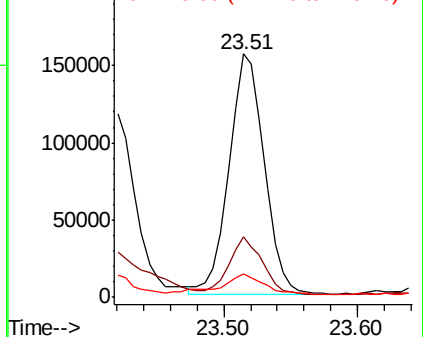


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.208 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

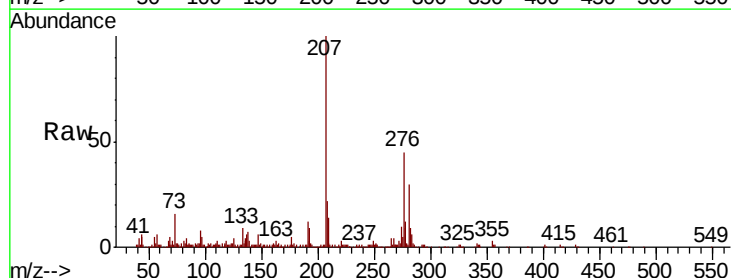
Tgt Ion:276 Resp: 201497

Ion Ratio Lower Upper

276 100

138 16.2 15.9 23.9

277 25.5 20.4 30.6

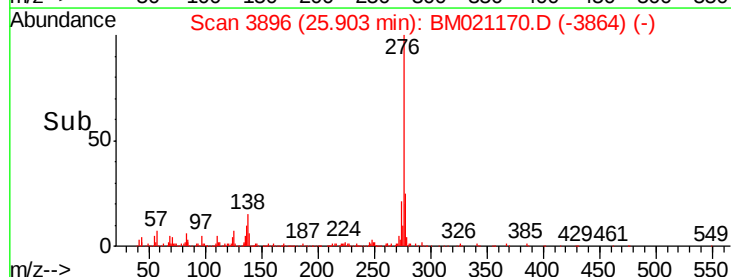
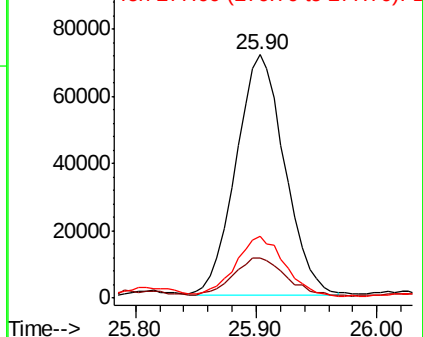


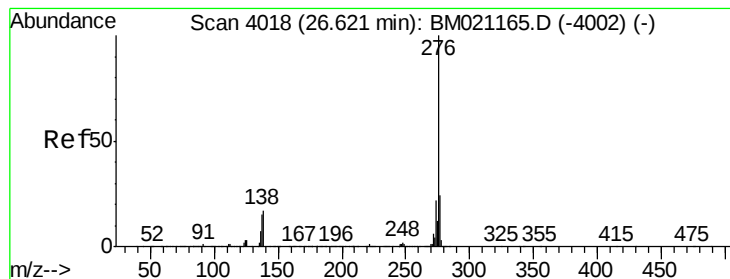
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 2.103 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. -0.01 min

Lab File: BM021170.D

Acq: 25 Jun 2019 20:28

Instrument :

BNA_M

ClientSampleId :

C5AA0

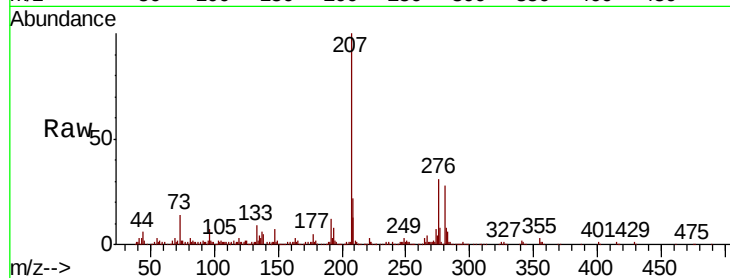
Tgt Ion: 276 Resp: 158082

Ion Ratio Lower Upper

276 100

138 17.7 14.6 21.8

277 24.7 18.9 28.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

