

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM062617\
 Data File : BM010758.D
 Acq On : 26 Jun 2017 22:51
 Operator : SJ/JU
 Sample : I3756-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

Quant Time: Jun 27 02:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 01:28:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	63014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	285931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	203166	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	508840	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	603580	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	454511	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	4872	4.43	ng/uL	0.00
5) Phenol-d5	6.64	99	122661	20.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	66199	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	90554	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	101518	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	44961	22.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	54756	23.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	113662	22.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	116067	22.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	409901	22.98	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	465830	22.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	61289	19.53	ng/ul	0.00
57) Fluorene-d10	15.11	176	350073	22.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	62135	19.88	ng/ul	0.00
70) Anthracene-d10	16.96	188	575433	23.42	ng/ul	0.00
76) Pyrene-d10	19.27	212	699989	24.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	505006	22.99	ng/ul	0.00

Target Compounds

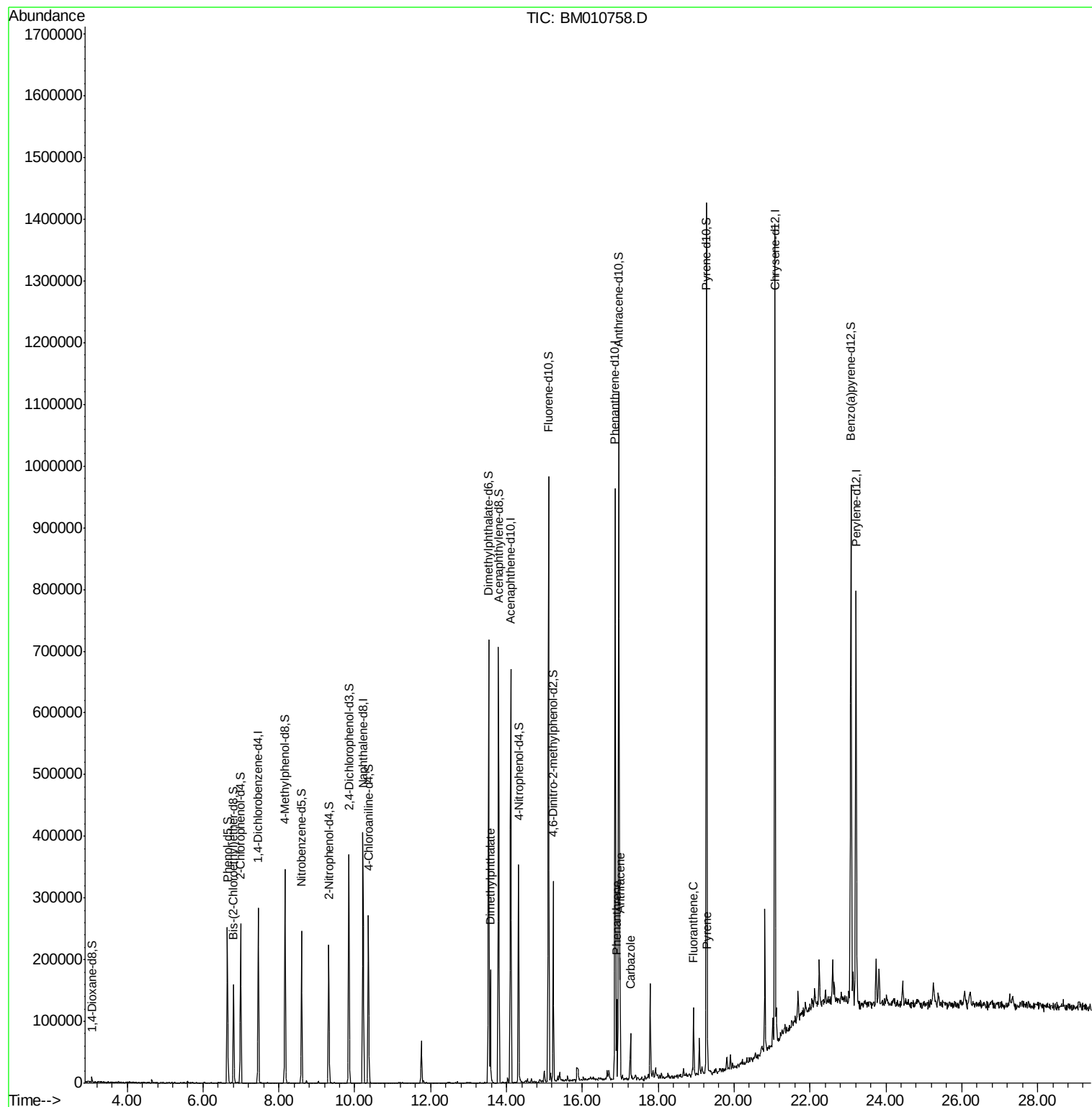
					Qvalue
44) Dimethylphthalate	13.57	163	97150	5.557 ng/ul	98
69) Phenanthrene	16.90	178	65372	2.417 ng/ul	98
71) Anthracene	16.99	178	104188	3.738 ng/ul	96
72) Carbazole	17.27	167	39052	1.606 ng/ul#	96
74) Fluoranthene	18.93	202	57315	1.644 ng/ul#	93
77) Pyrene	19.30	202	41034	1.177 ng/ul#	95

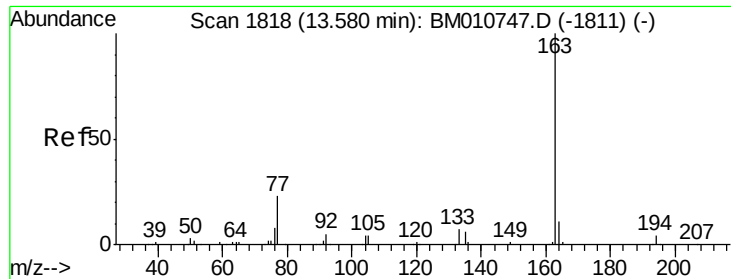
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.557 ng/ul

RT: 13.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM010758.D

Acq: 26 Jun 2017 22:51

Instrument :

BNA_M

ClientSampleId :

C0AE0

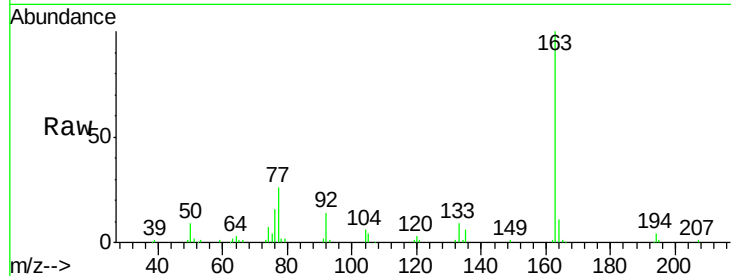
Tgt Ion:163 Resp: 97150

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

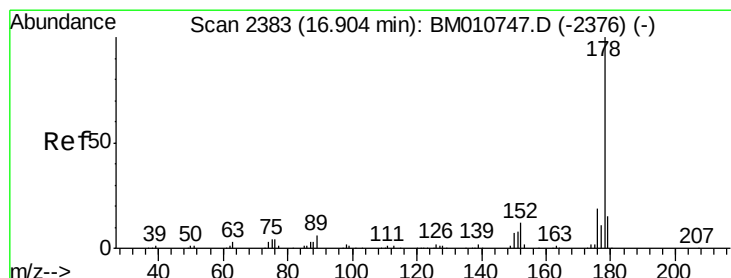
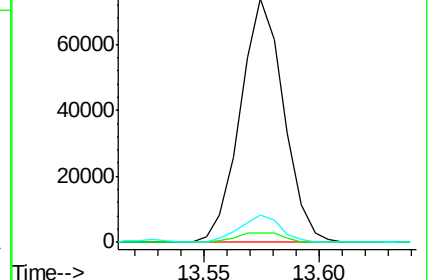
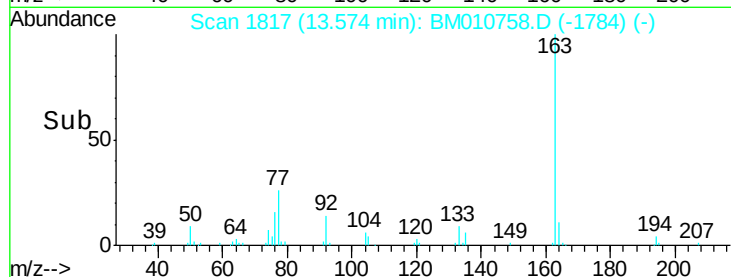
164 11.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 2.417 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM010758.D

Acq: 26 Jun 2017 22:51

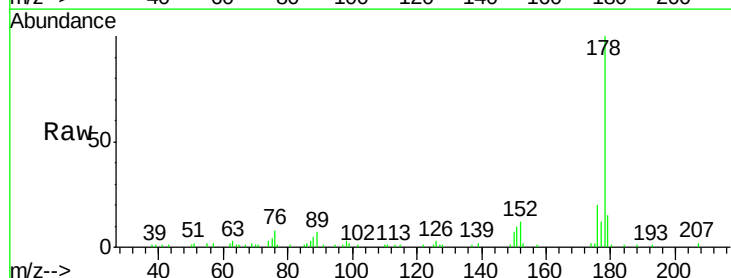
Tgt Ion:178 Resp: 65372

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

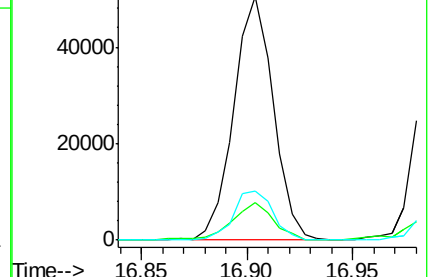
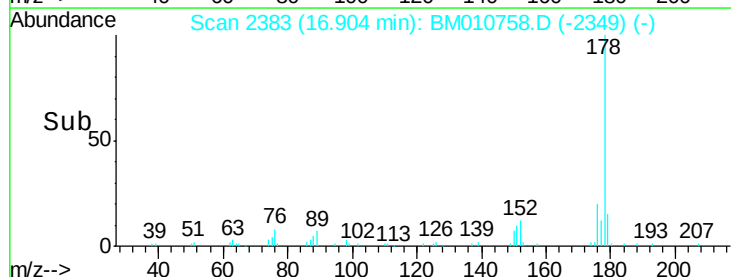
176 19.9 14.9 22.3

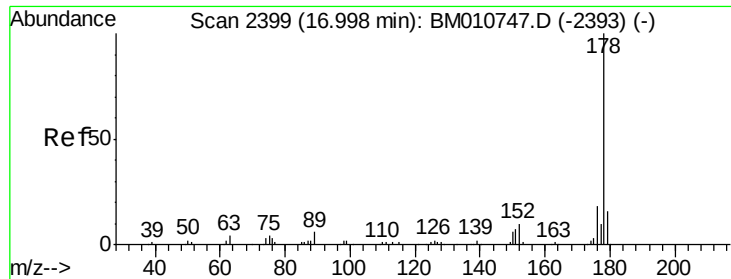


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

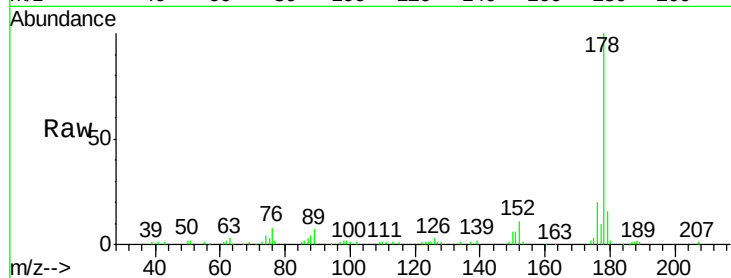




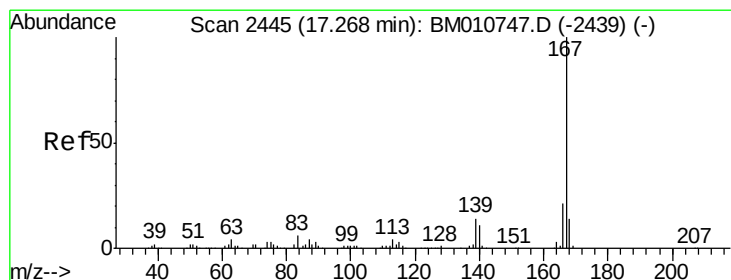
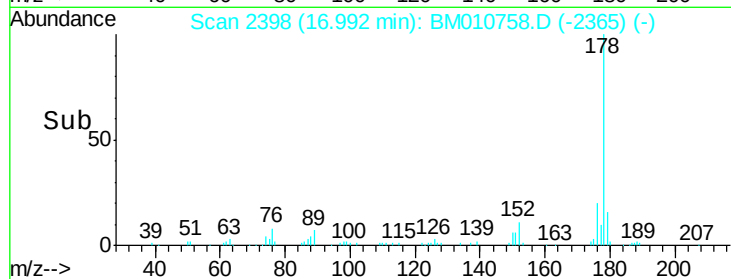
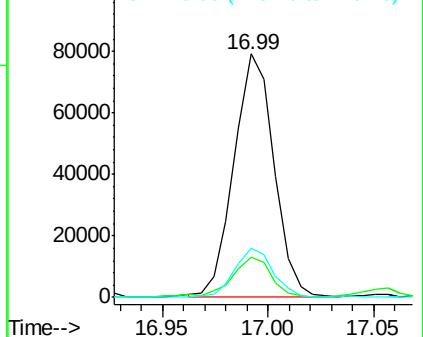
#71
 Anthracene
 Concen: 3.738 ng/ul
 RT: 16.99 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BM010758.D
 Acq: 26 Jun 2017 22:51

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Tgt Ion:178 Resp: 104188
 Ion Ratio Lower Upper
 178 100
 179 16.3 11.7 17.5
 176 19.9 14.6 21.8

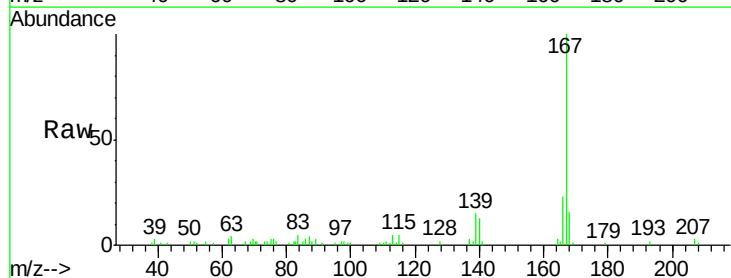


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

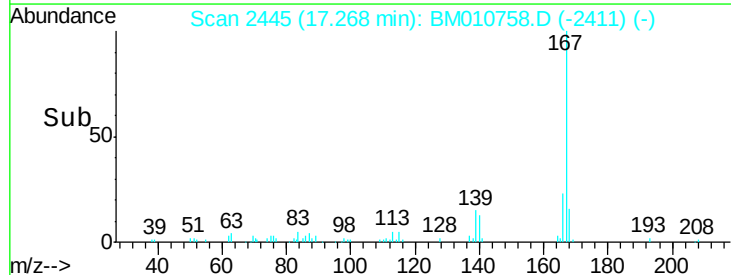
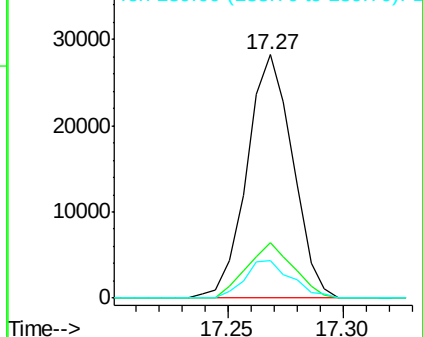


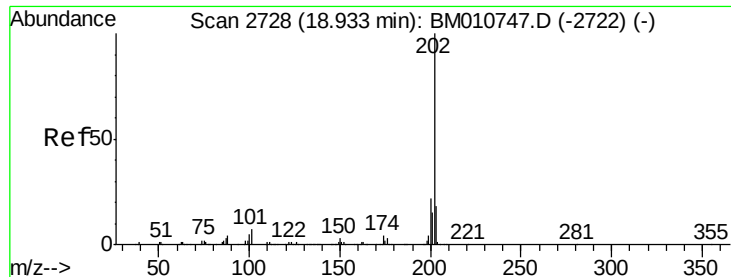
#72
 Carbazole
 Concen: 1.606 ng/ul
 RT: 17.27 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BM010758.D
 Acq: 26 Jun 2017 22:51

Tgt Ion:167 Resp: 39052
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.1 25.7
 139 15.3 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 1.644 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM010758.D

Acq: 26 Jun 2017 22:51

Instrument :

BNA_M

ClientSampleId :

C0AE0

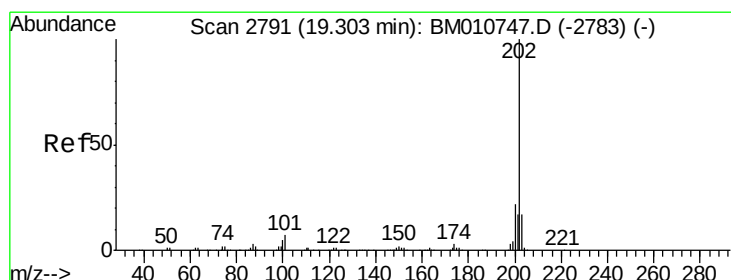
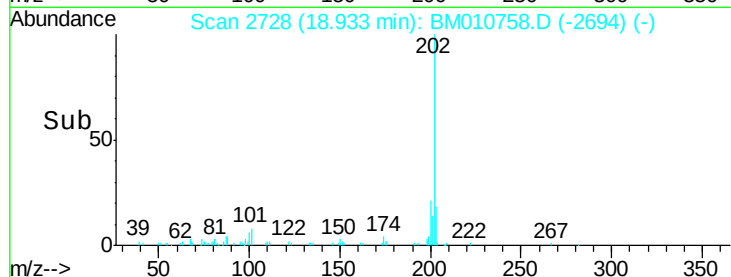
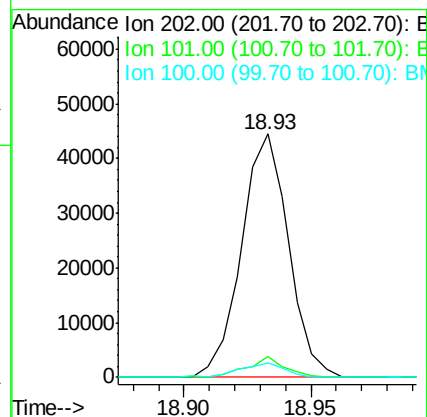
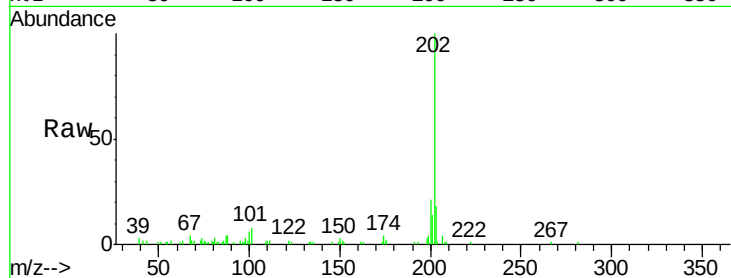
Tgt Ion:202 Resp: 57315

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

100 6.1 3.4 5.2#



#77

Pyrene

Concen: 1.177 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM010758.D

Acq: 26 Jun 2017 22:51

Tgt Ion:202 Resp: 41034

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

100 7.5 4.9 7.3#

