

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012357.D
 Acq On : 21 Oct 2017 13:59
 Operator : SJ/JU
 Sample : I5756-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:04:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 05:01:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	153205	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	692189	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	446391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1092262	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1357187	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1255010	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	11647	3.61	ng/uL	0.00
5) Phenol-d5	6.94	99	255565	20.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	160430	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	227439	21.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	211704	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	110477	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	132331	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	248978	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	225989	20.49	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	926311	23.48	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1099815	23.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	67020	11.30	ng/ul	0.02
57) Fluorene-d10	15.42	176	784628	24.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	102020	13.61	ng/ul	0.00
70) Anthracene-d10	17.27	188	1234706	22.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	1573828	22.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1468426	24.27	ng/ul	0.00

Target Compounds

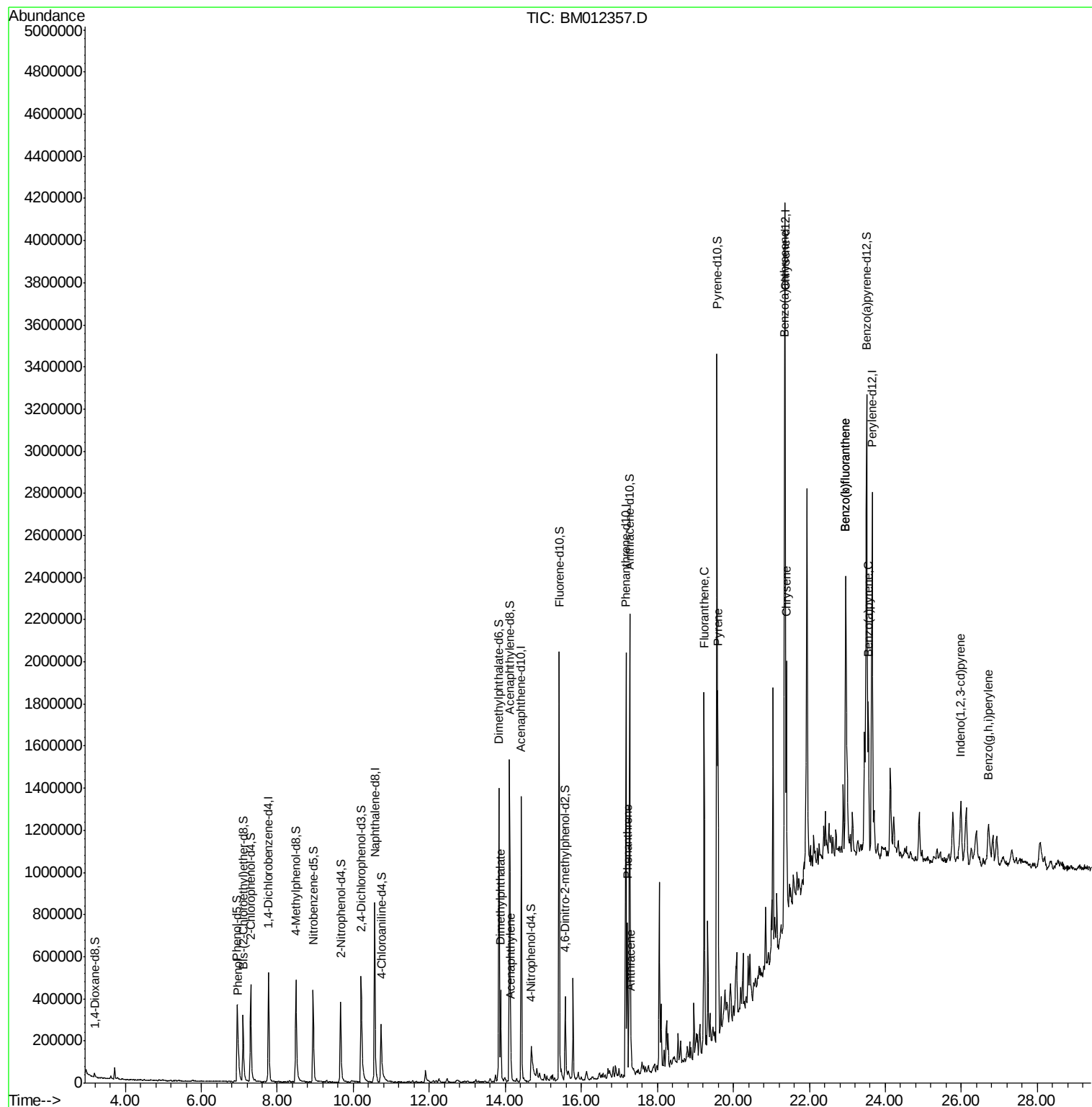
					Ovalue	
6) Phenol	6.97	94	50114	3.900	ng/ul#	83
44) Dimethylphthalate	13.88	163	283268	7.166	ng/ul	99
47) Acenaphthylene	14.15	152	75782	1.616	ng/ul	99
69) Phenanthrene	17.21	178	406530	6.543	ng/ul	99
71) Anthracene	17.31	178	88089	1.369	ng/ul	98
74) Fluoranthene	19.24	202	999207	13.325	ng/ul	98
77) Pyrene	19.60	202	980945	10.944	ng/ul	97
80) Benzo(a)anthracene	21.34	228	642285	7.273	ng/ul	97
82) Chrysene	21.39	228	596425	7.193	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	756005	9.231	ng/ul#	95
86) Benzo(k)fluoranthene	22.96	252	756005	9.579	ng/ul#	95
88) Benzo(a)pyrene	23.55	252	498863	6.463	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.99	276	284847	3.475	ng/ul	99
91) Benzo(g,h,i)perylene	26.71	276	201286	2.998	ng/ul#	91

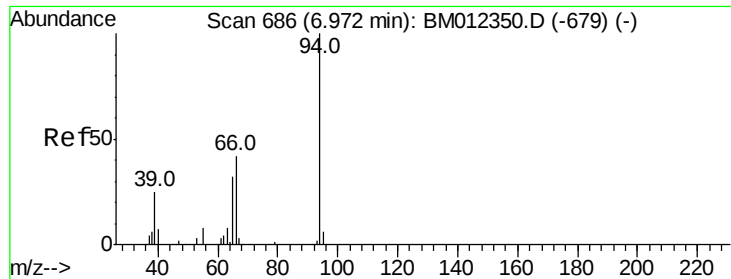
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.900 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Instrument :

BNA_M

ClientSampled :

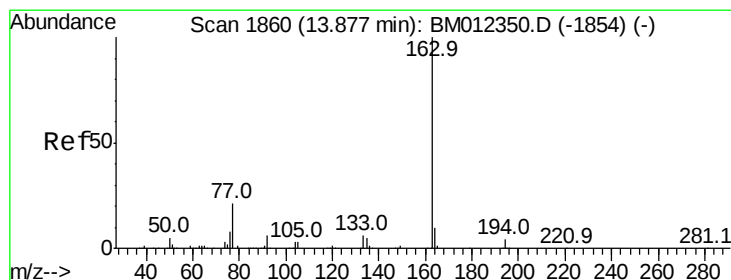
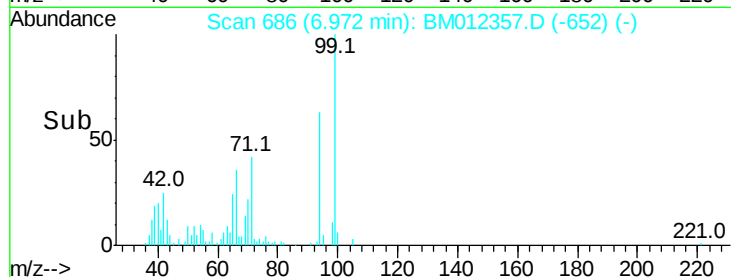
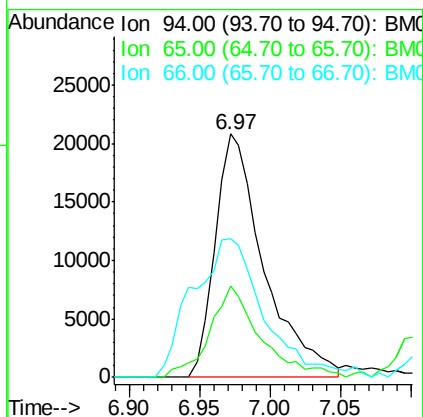
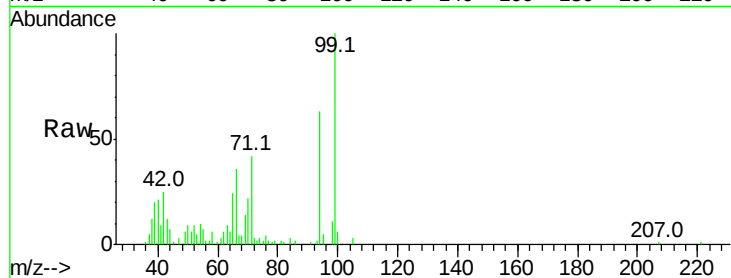
Tot Ion: 94 Resp: 50114

Ion Ratio Lower Upper

94 100

65 37.5 24.4 36.6#

66 56.7 35.0 52.4#



#44

Dimethylphthalate

Concen: 7.166 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

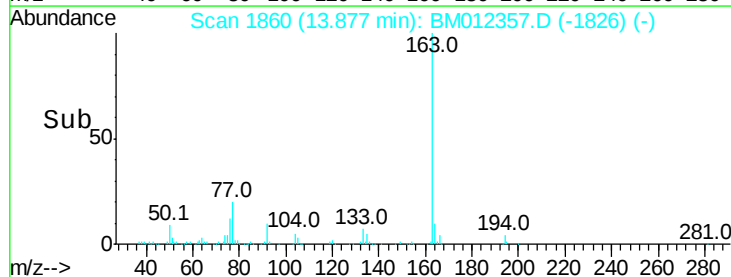
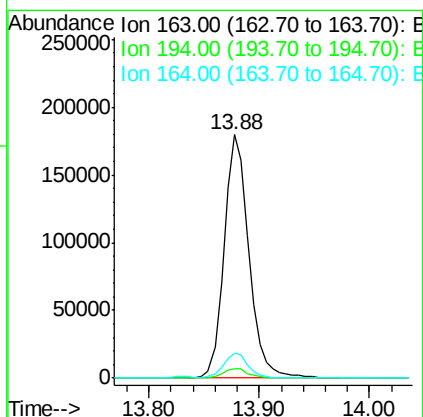
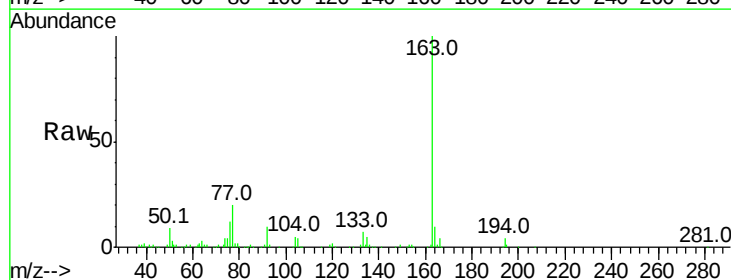
Tgt Ion:163 Resp: 283268

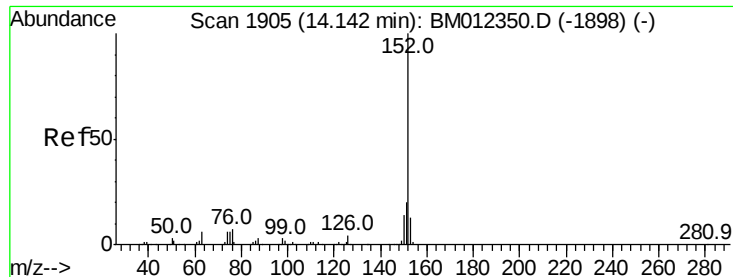
Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

164 10.2 8.1 12.1





#47

Acenaphthylene

Concen: 1.616 ng/ul

RT: 14.15 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Instrument :

BNA_M

ClientSampleId :

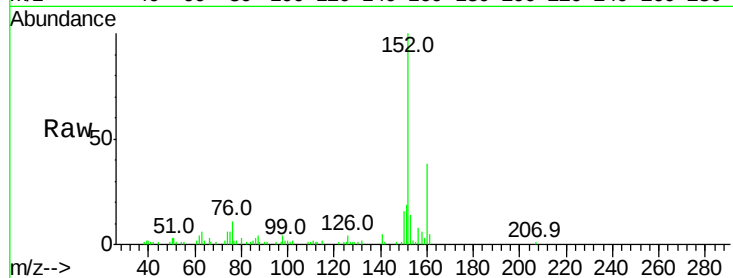
Tot Ion:152 Resp: 75782

Ion Ratio Lower Upper

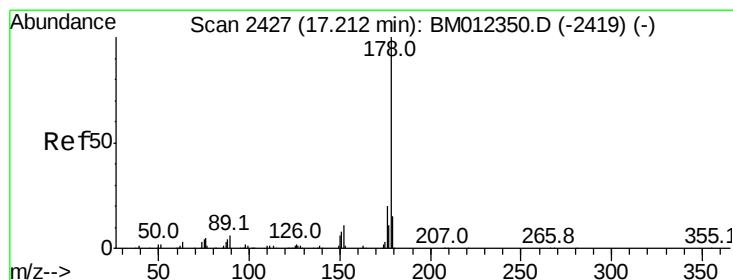
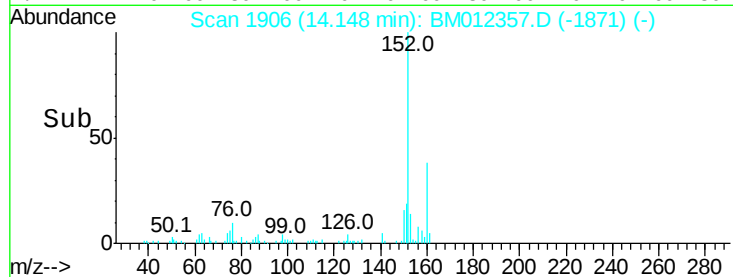
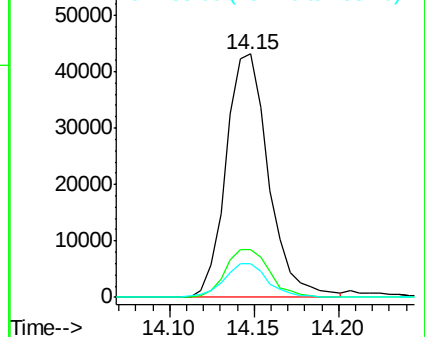
152 100

151 19.4 15.3 22.9

153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 6.543 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

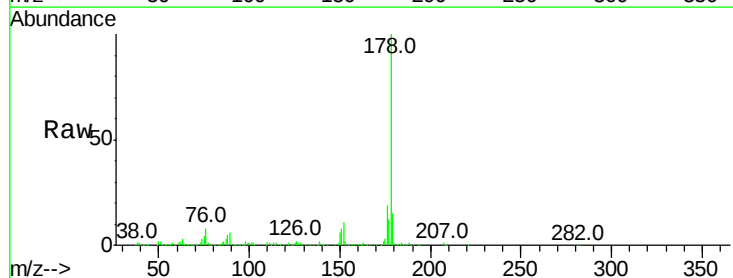
Tgt Ion:178 Resp: 406530

Ion Ratio Lower Upper

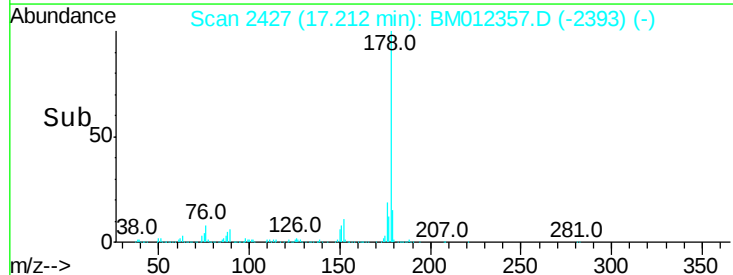
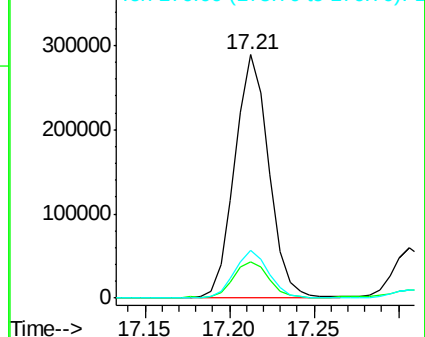
178 100

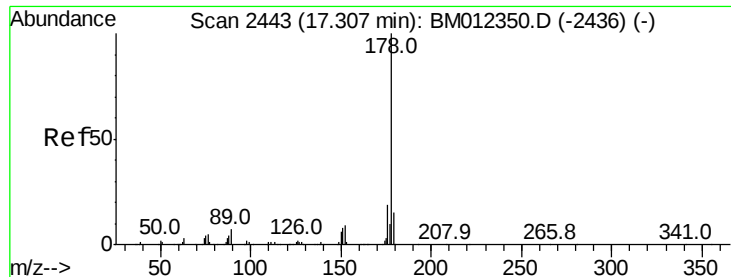
179 14.9 12.0 18.0

176 19.4 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





#71

Anthracene

Concen: 1.369 ng/ul

RT: 17.31 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

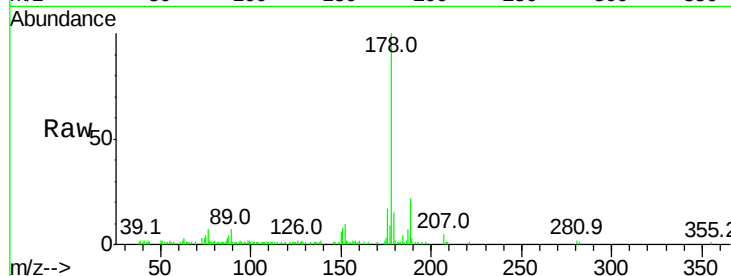
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 88089

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	17.0	14.7	22.1

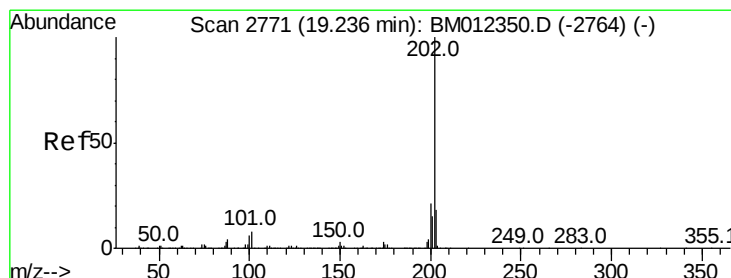
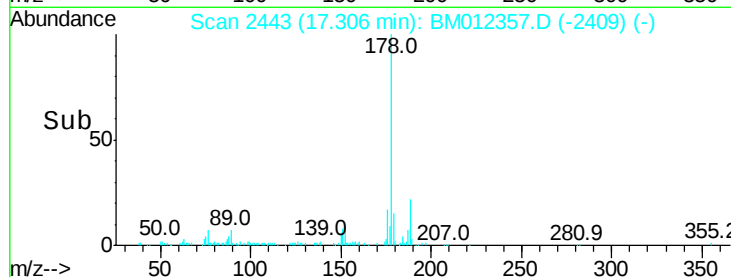
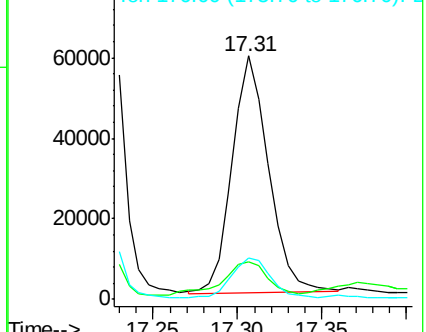


Abundance

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



#74

Fluoranthene

Concen: 13.325 ng/ul

RT: 19.24 min Scan# 2771

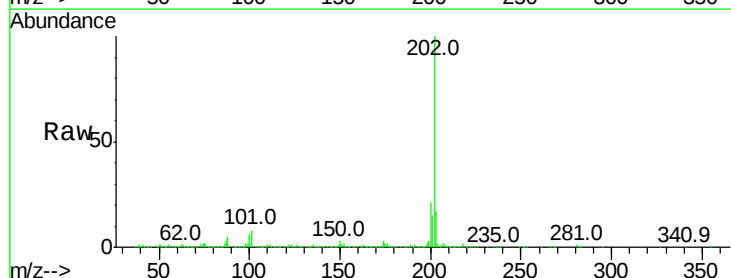
Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Tgt Ion:202 Resp: 999207

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.8	8.6
100	6.1	4.3	6.5

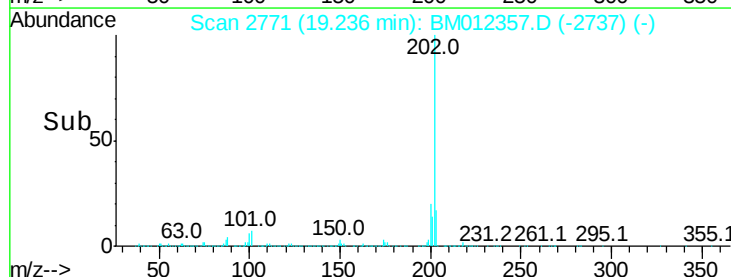
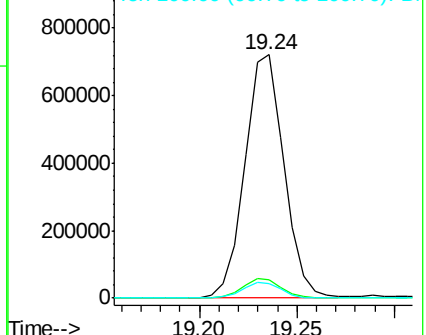


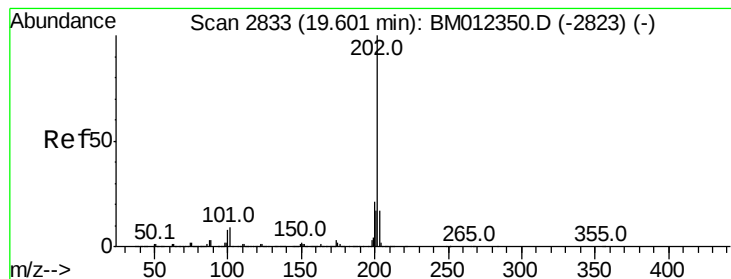
Abundance

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): B





#77

Pvrene

Concen: 10.944 ng/ul

RT: 19.60 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Instrument :

BNA_M

ClientSampleId :

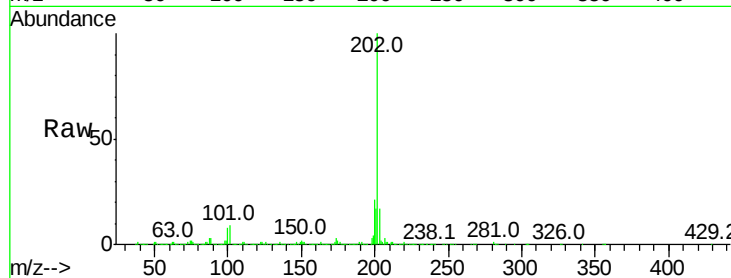
Tot Ion:202 Resp: 980945

Ion Ratio Lower Upper

202 100

101 9.2 6.5 9.7

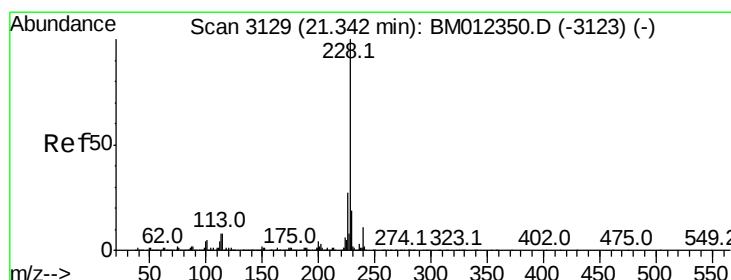
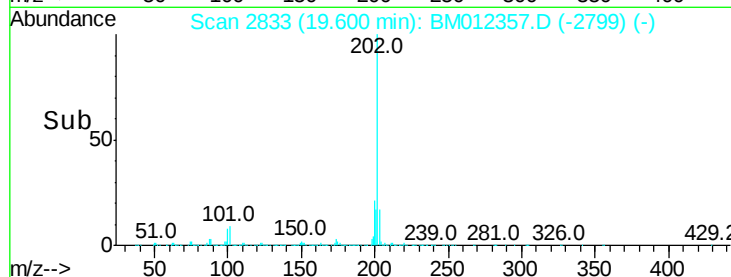
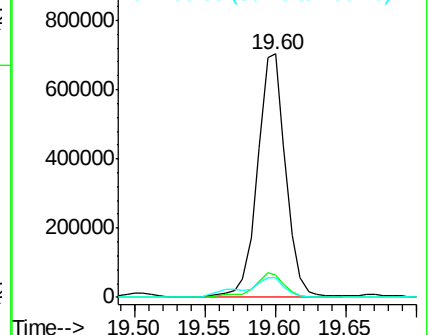
100 8.0 5.6 8.4



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): B



#80

Benzo(a)anthracene

Concen: 7.273 ng/ul

RT: 21.34 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

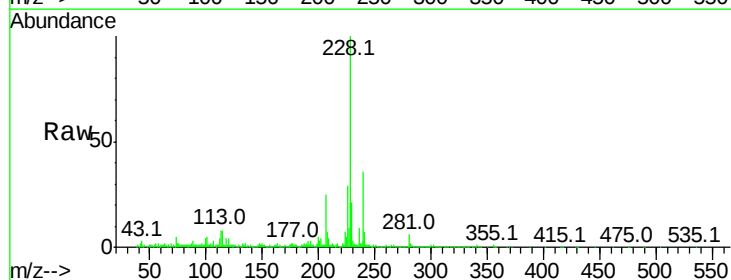
Tgt Ion:228 Resp: 642285

Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.8

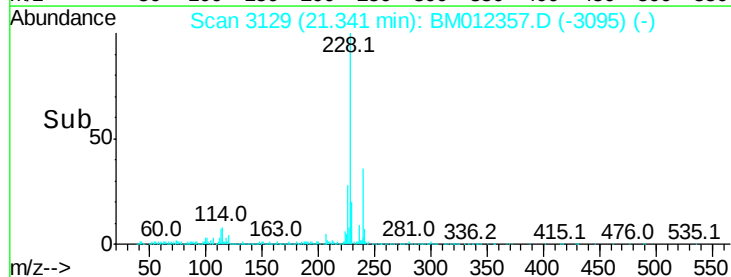
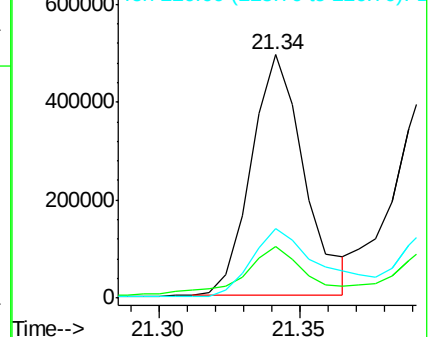
226 28.6 21.4 32.2

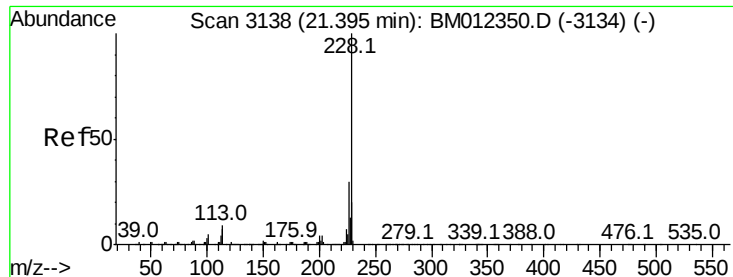


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 7.193 ng/ul

RT: 21.39 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

Instrument :

BNA_M

ClientSampleId :

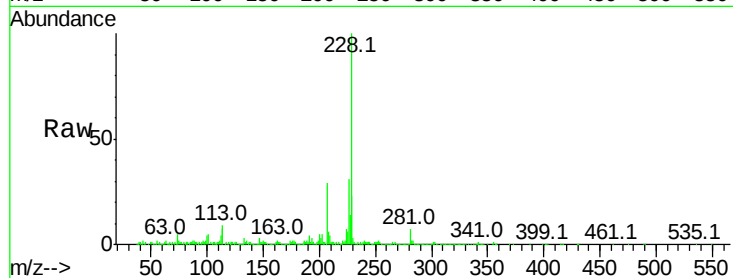
Tot Ion:228 Resp: 596425

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

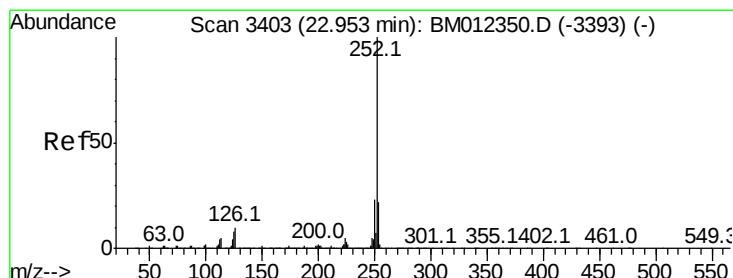
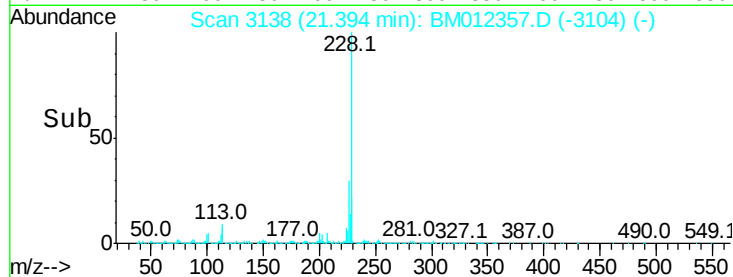
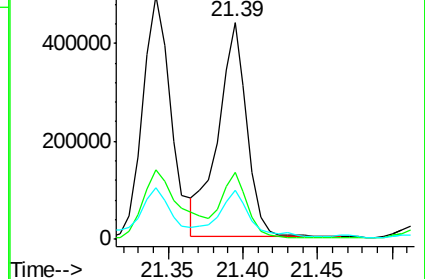
229 22.5 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 9.231 ng/ul

RT: 22.96 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BM012357.D

Acq: 21 Oct 2017 13:59

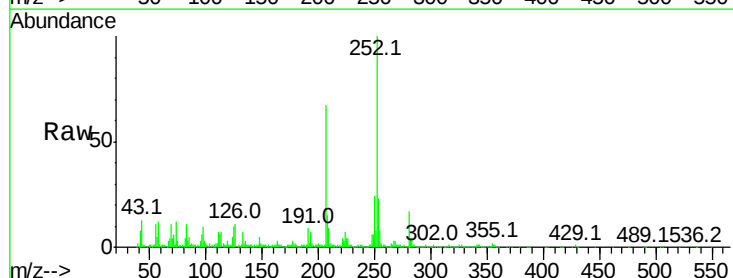
Tgt Ion:252 Resp: 756005

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

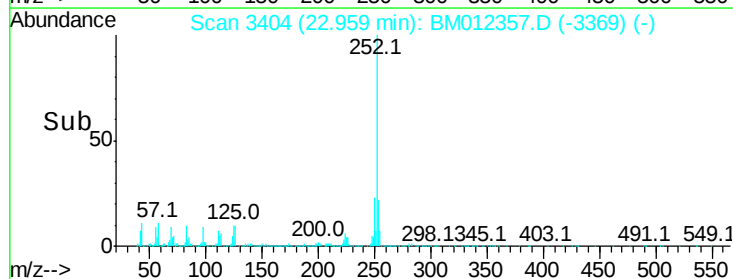
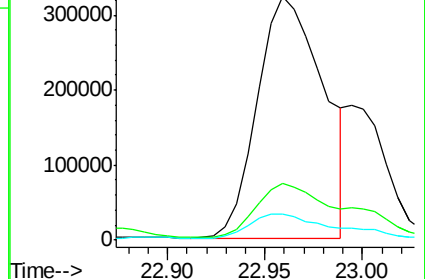
125 10.4 5.1 7.7#

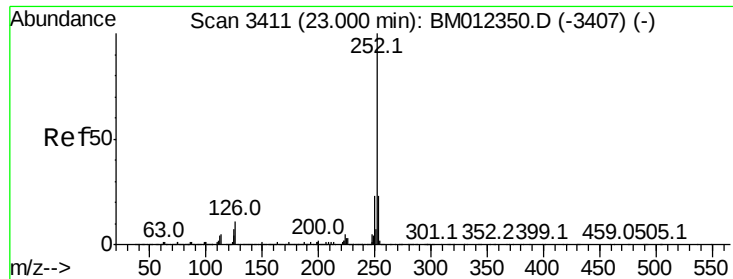


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

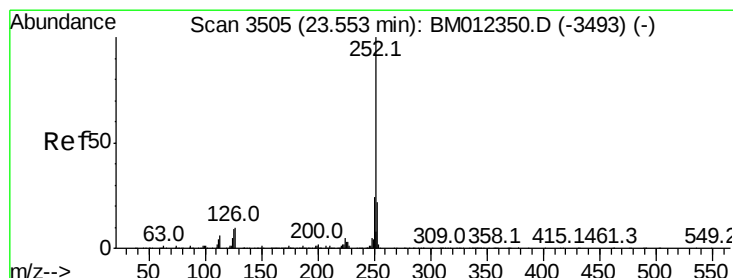
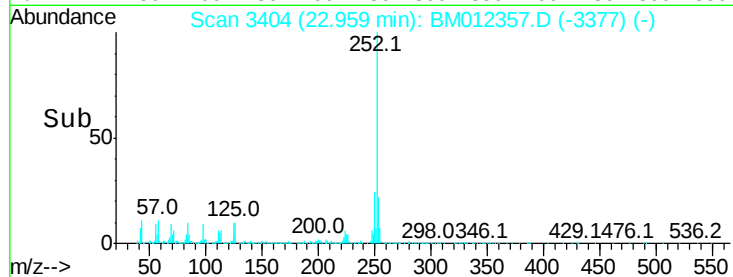
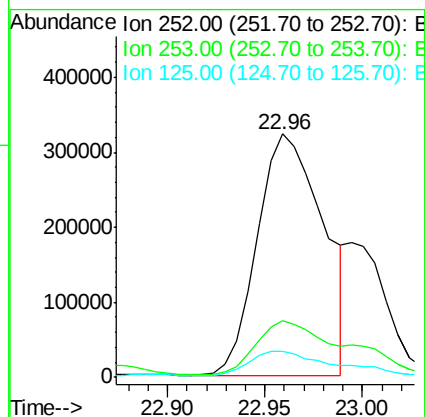
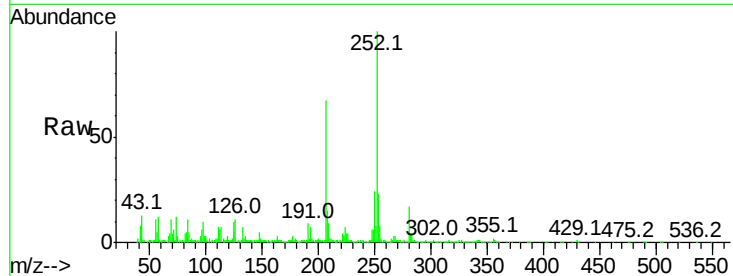




#86
Benzo(k)fluoranthene
Concen: 9.579 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. -0.04 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

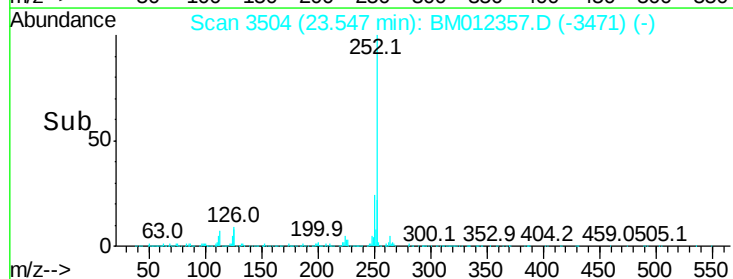
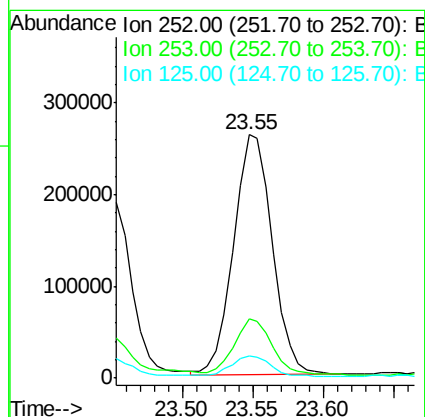
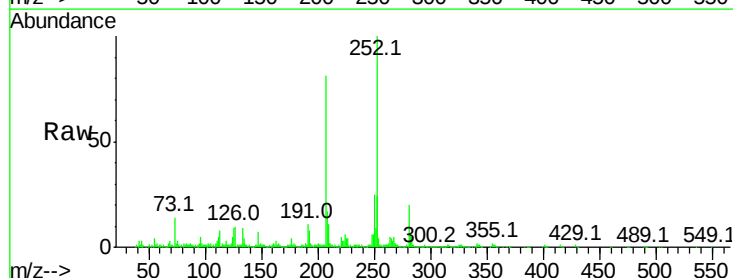
Instrument :
BNA_M
ClientSampleId :

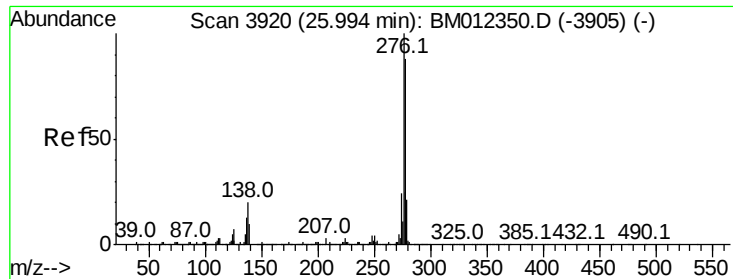
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.4	4.9	7.3



#88
Benzo(a)pyrene
Concen: 6.463 ng/ul
RT: 23.55 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	8.9	5.2	7.8



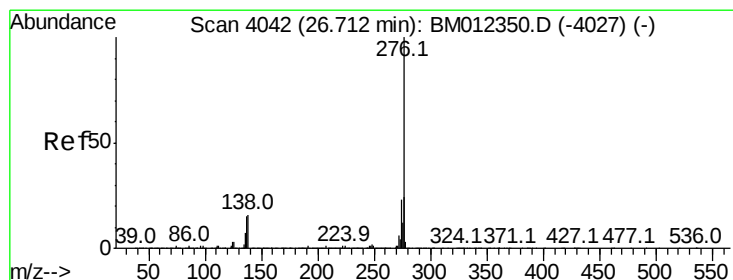
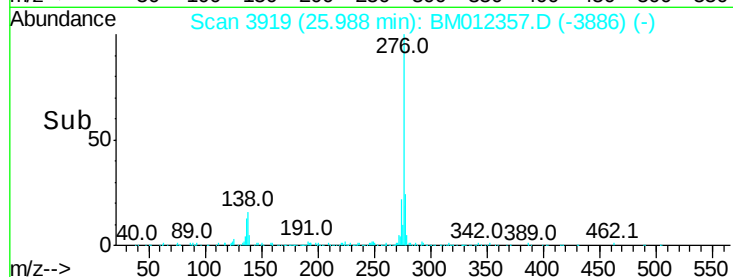
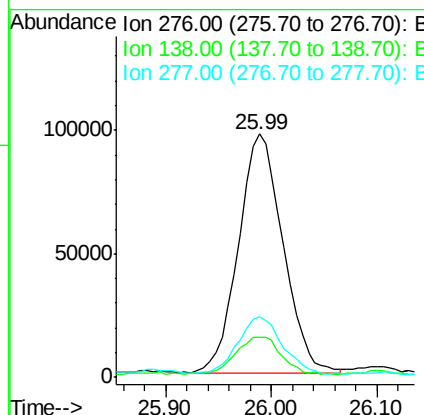
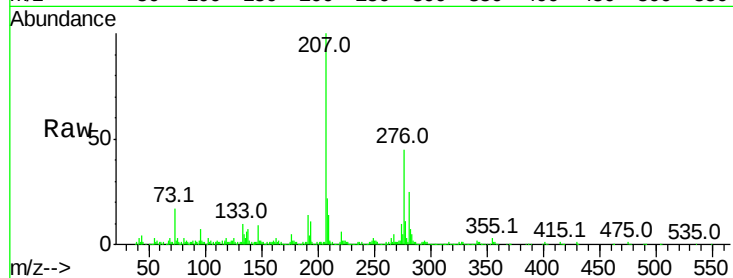


#89

Indeno(1,2,3-cd)pyrene
Concen: 3.475 ng/ul
RT: 25.99 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.2	19.8
277	25.0	20.6	31.0



#91

Benzo(g,h,i)perylene
Concen: 2.998 ng/ul
RT: 26.71 min Scan# 4042
Delta R.T. -0.00 min
Lab File: BM012357.D
Acq: 21 Oct 2017 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	10.7	16.1#
277	25.7	19.0	28.4

