

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
 Data File : BM012117.D
 Acq On : 13 Oct 2017 02:16
 Operator : SJ/JU
 Sample : I5490-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 13 05:05:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	289497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1101709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	578672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1226131	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1365192	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1539796	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	22852	3.75	ng/uL	0.00
5) Phenol-d5	6.99	99	509833	21.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	313223	22.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	445064	22.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	421699	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	201887	24.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	233235	23.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	421748	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	79562	4.53	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	1248733	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1523421	24.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	118988	15.47	ng/ul	0.00
57) Fluorene-d10	15.47	176	1029815	24.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	108750	12.92	ng/ul	0.00
70) Anthracene-d10	17.32	188	1533943	25.30	ng/ul	0.00
76) Pyrene-d10	19.62	212	1715744	24.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1857376	25.02	ng/ul	0.01

Target Compounds

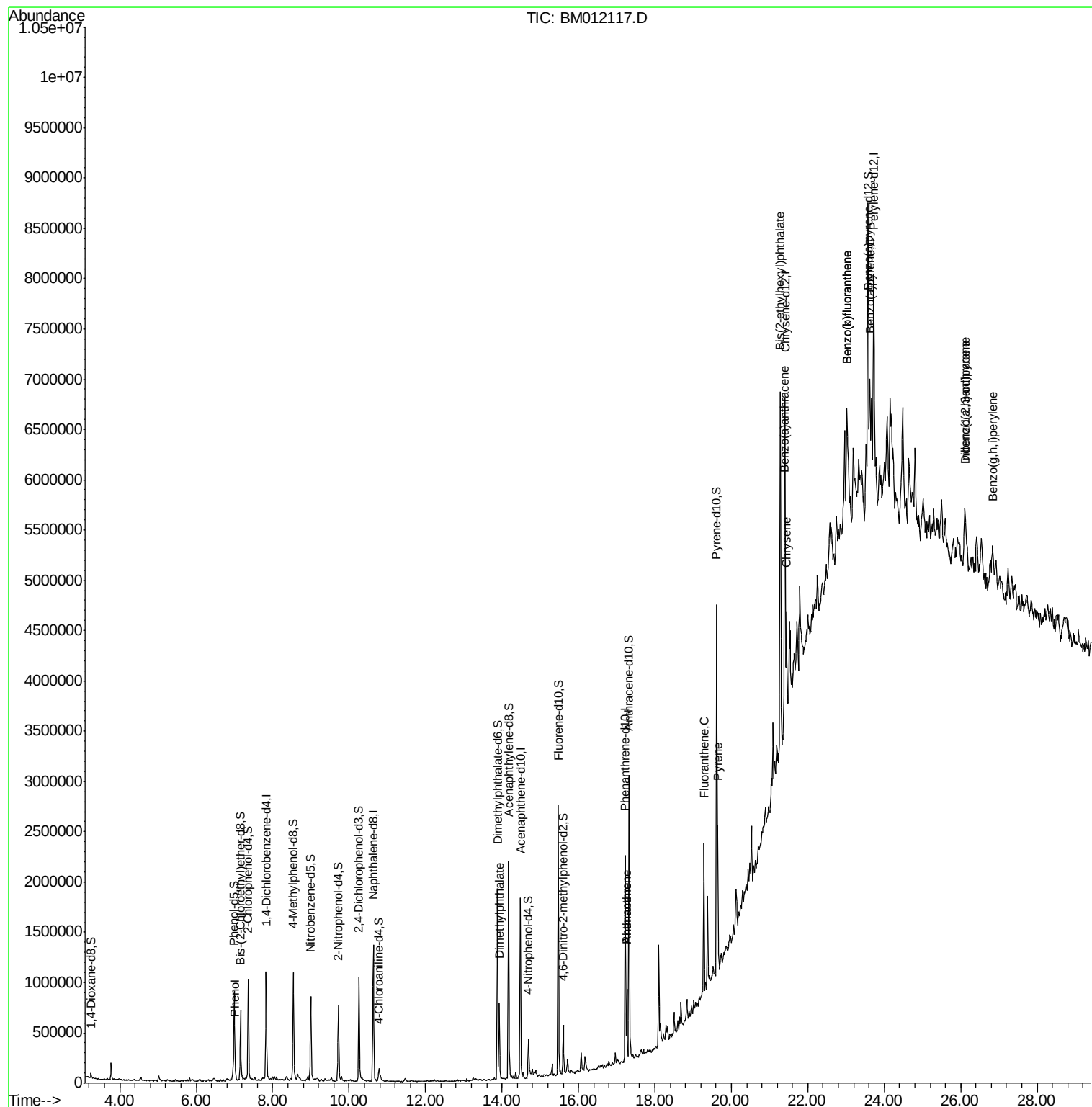
					Ovalue	
6) Phenol	7.02	94	29414	1.211	ng/ul	87
44) Dimethylphthalate	13.93	163	484352	9.453	ng/ul	99
69) Phenanthrene	17.27	178	419557	6.015	ng/ul	99
71) Anthracene	17.27	178	419557	5.810	ng/ul	99
74) Fluoranthene	19.28	202	870915	10.346	ng/ul#	90
77) Pyrene	19.64	202	830396	9.210	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	497195	5.597	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.27	149	1715233	28.482	ng/ul#	98
82) Chrysene	21.44	228	491601	5.894	ng/ul#	92
85) Benzo(b)fluoranthene	23.02	252	738825	7.353	ng/ul#	82
86) Benzo(k)fluoranthene	23.02	252	738825	7.630	ng/ul#	79
88) Benzo(a)pyrene	23.62	252	507850	5.362	ng/ul#	80
89) Indeno(1,2,3-cd)pyrene	26.10	276	393026	3.908	ng/ul#	83
90) Dibenzo(a,h)anthracene	26.11	278	111453	1.318	ng/ul#	20
91) Benzo(g,h,i)perylene	26.84	276	496010	6.021	ng/ul#	80

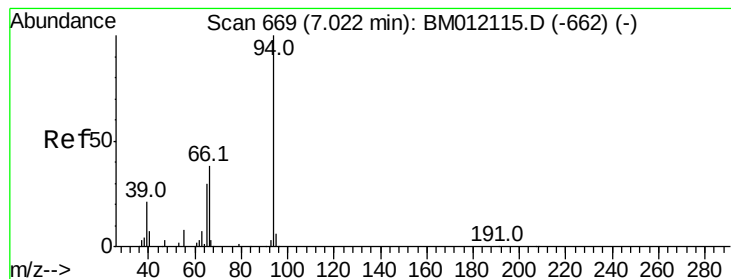
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.211 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

ClientSampleId :

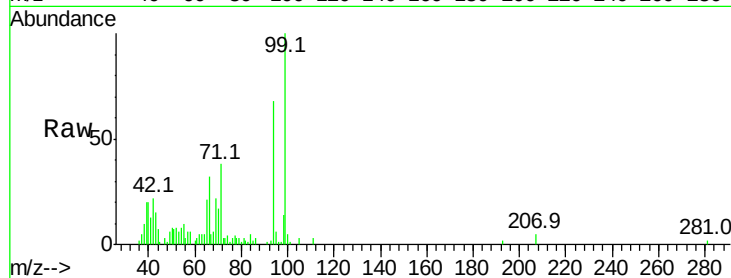
Tot Ion: 94 Resp: 29414

Ion Ratio Lower Upper

94 100

65 30.6 28.2 42.4

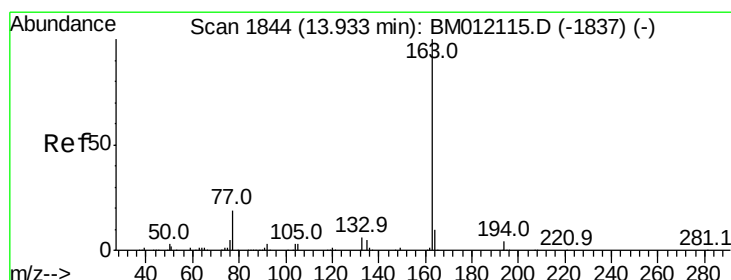
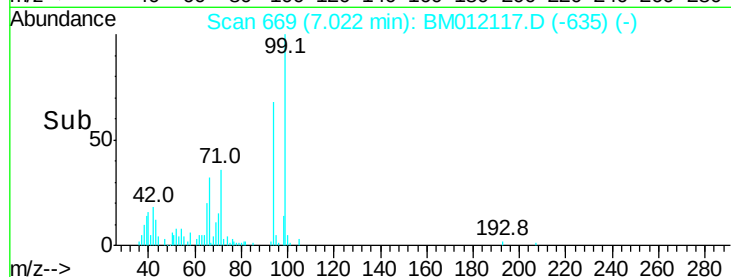
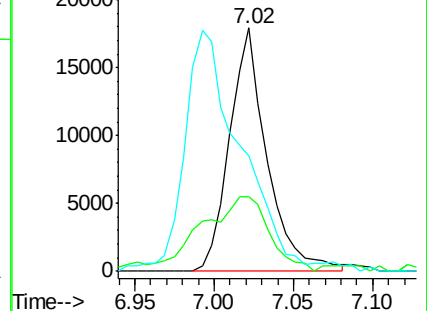
66 47.4 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012115.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM012115.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM012115.D (-662) (-)



#44

Dimethylphthalate

Concen: 9.453 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

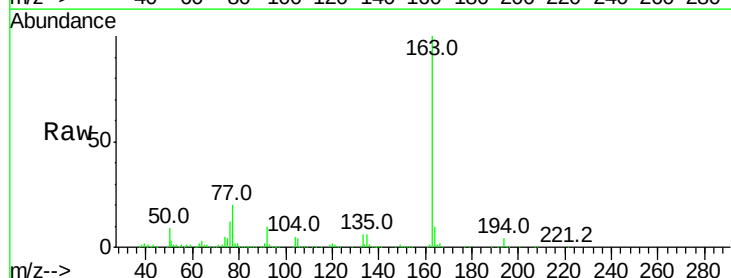
Tgt Ion:163 Resp: 484352

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

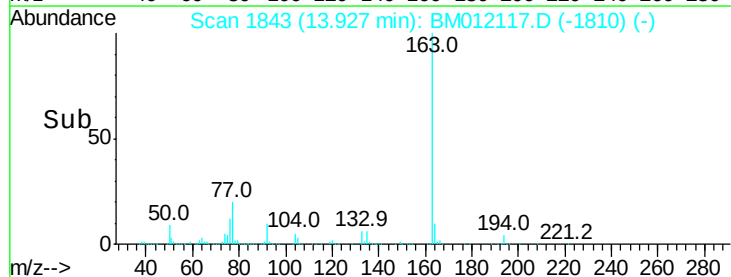
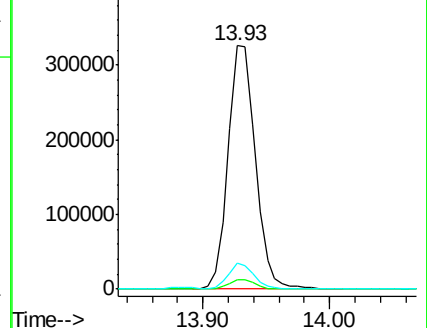
164 10.4 8.2 12.4

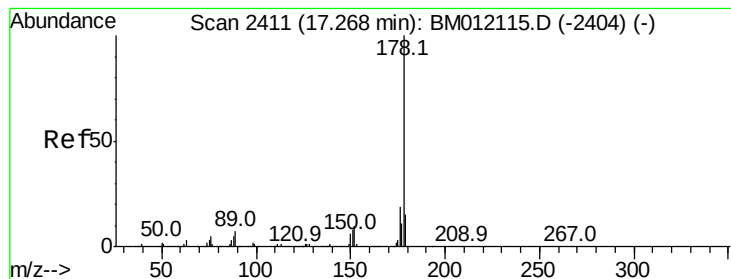


Abundance Ion 163.00 (162.70 to 163.70): BM012115.D (-1837) (-)

Ion 194.00 (193.70 to 194.70): BM012115.D (-1837) (-)

Ion 164.00 (163.70 to 164.70): BM012115.D (-1837) (-)





#69

Phenanthrene

Concen: 6.015 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

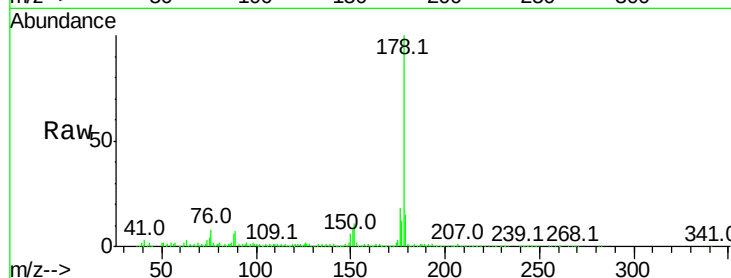
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 419557

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.4	14.9	22.3

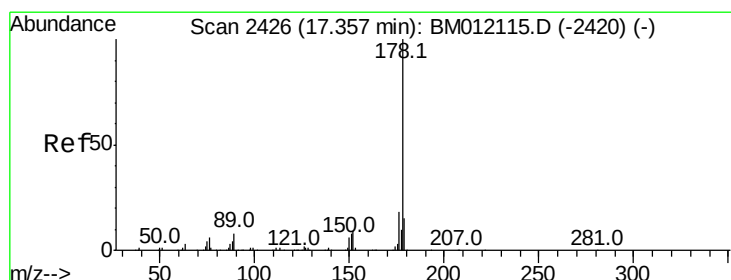
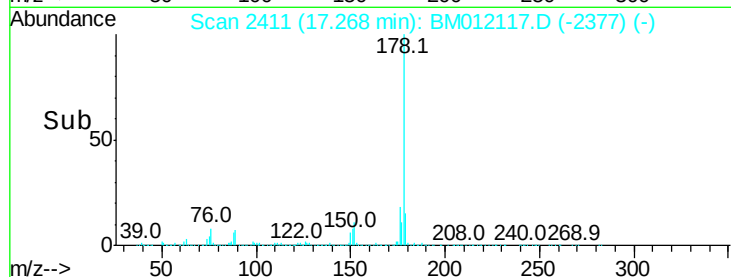
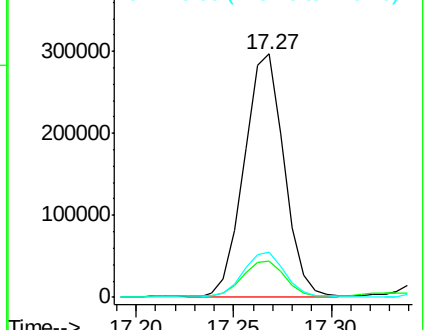


Abundance

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: 5.810 ng/ul

RT: 17.27 min Scan# 2411

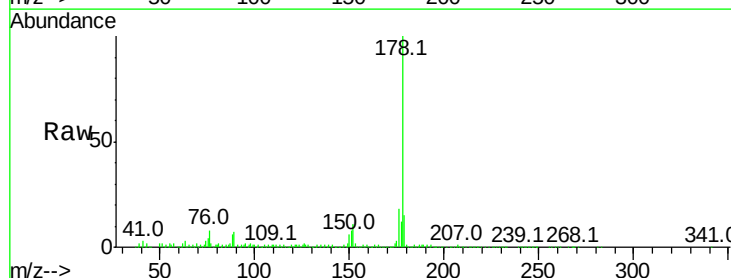
Delta R.T. -0.09 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Tgt Ion:178 Resp: 419557

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.4	14.6	21.8

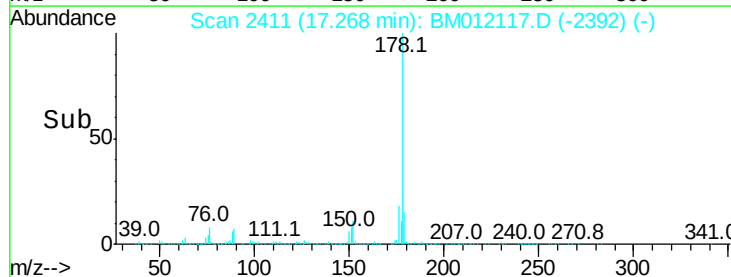
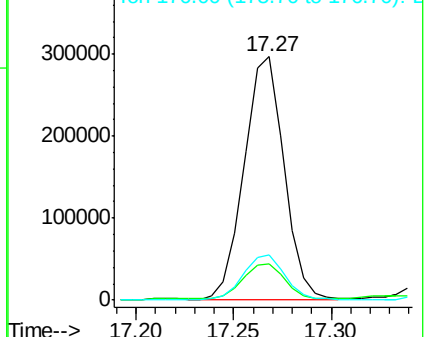


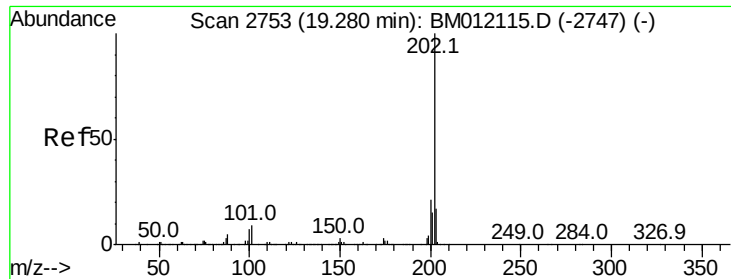
Abundance

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





#74

Fluoranthene

Concen: 10.346 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

ClientSampleId :

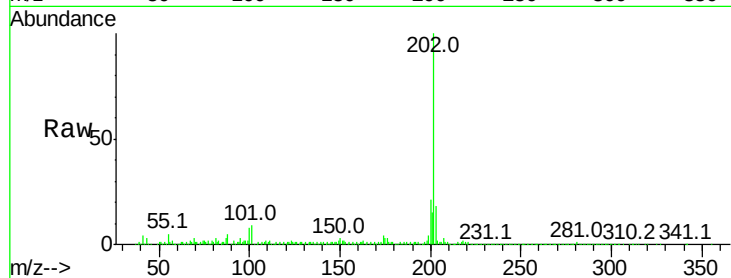
Tot Ion:202 Resp: 870915

Ion Ratio Lower Upper

202 100

101 9.4 4.6 7.0#

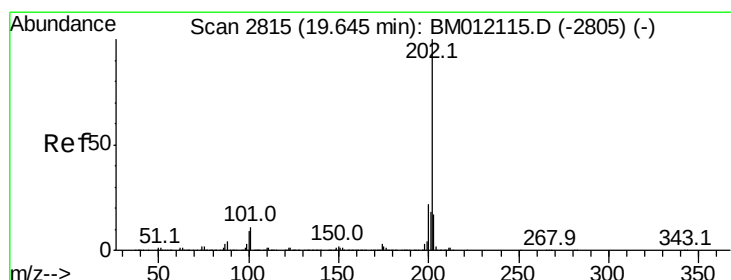
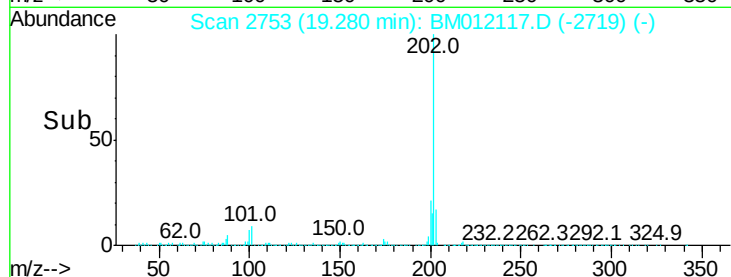
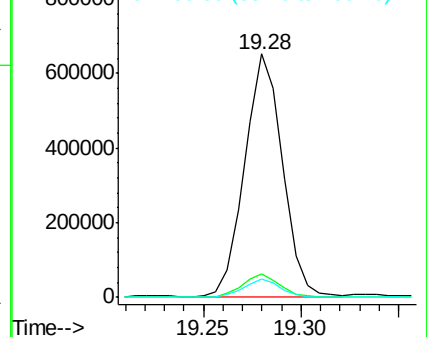
100 7.7 3.4 5.2#



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

Pyrene

Concen: 9.210 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

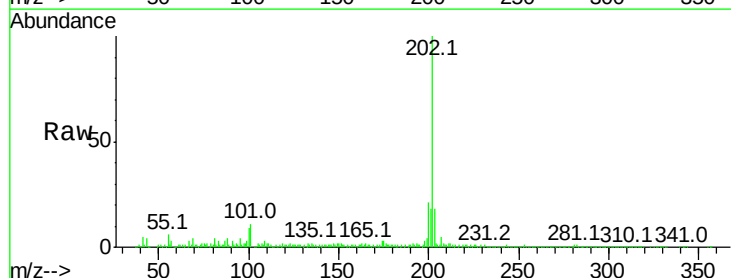
Tgt Ion:202 Resp: 830396

Ion Ratio Lower Upper

202 100

101 10.5 5.1 7.7#

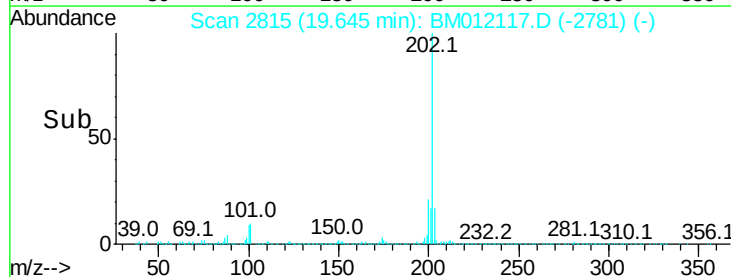
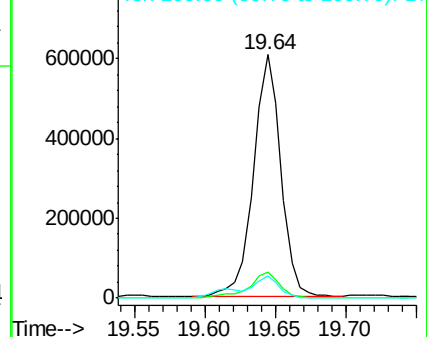
100 8.9 4.9 7.3#

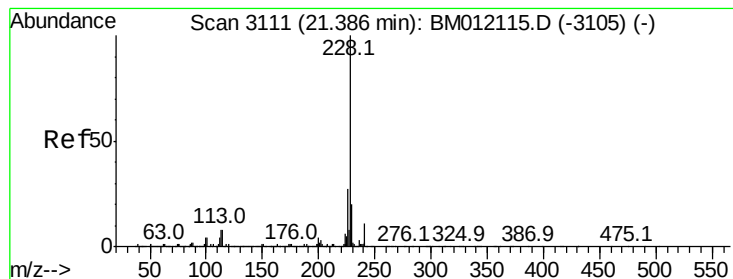


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.597 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

ClientSampled :

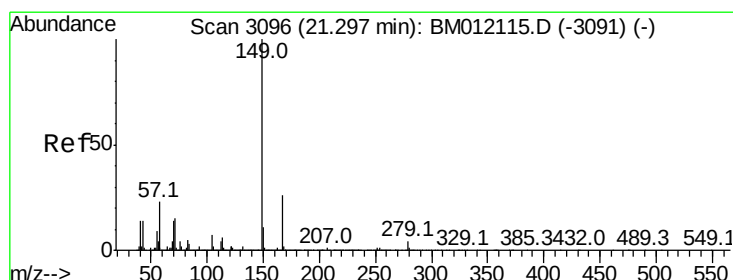
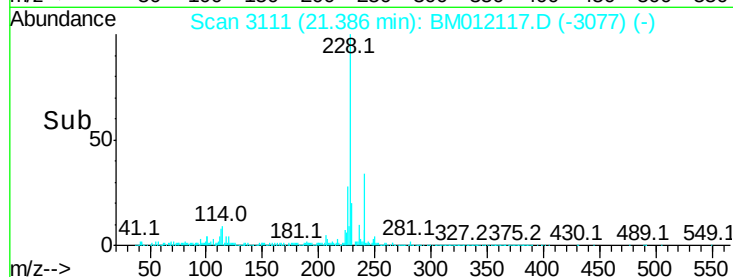
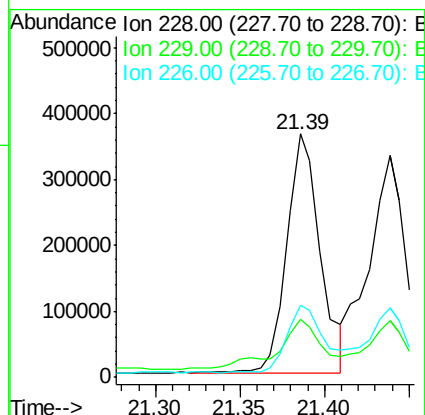
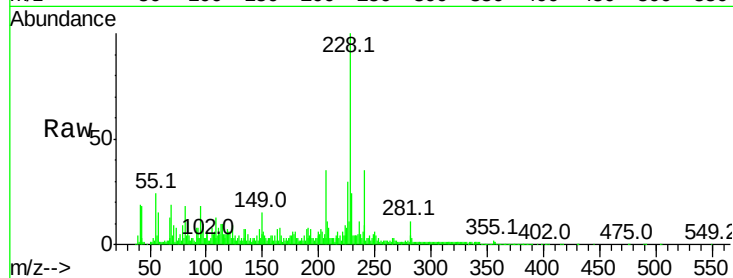
Tot Ion:228 Resp: 497195

Ion	Ratio	Lower	Upper
228	100		
229	24.0	15.4	23.0#
226	29.7	21.4	32.0

228 100

229 24.0 15.4 23.0#

226 29.7 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 28.482 ng/ul

RT: 21.27 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

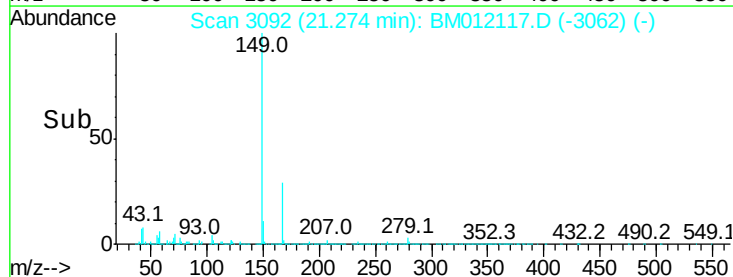
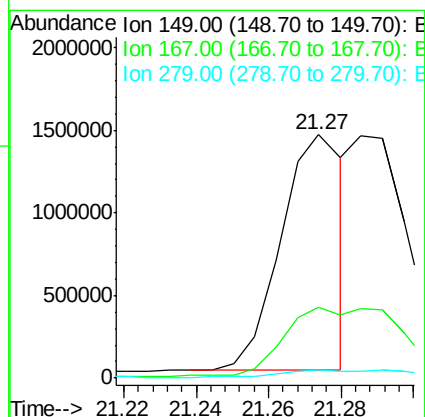
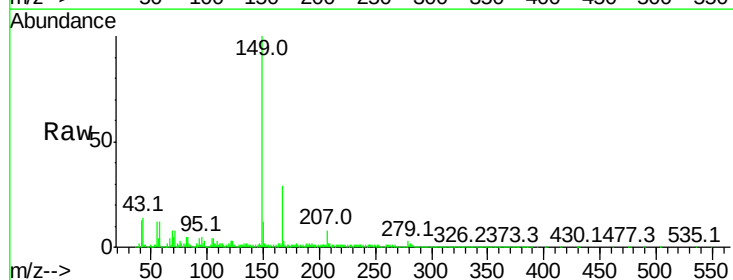
Tgt Ion:149 Resp: 1715233

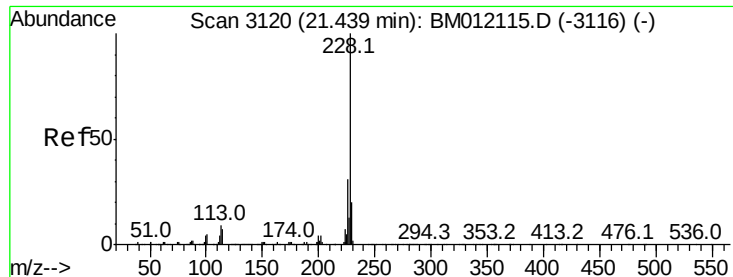
Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.8	34.2
279	3.3	4.9	7.3#

149 100

167 29.0 22.8 34.2

279 3.3 4.9 7.3#





#82

Chrysene

Concen: 5.894 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BM012117.D

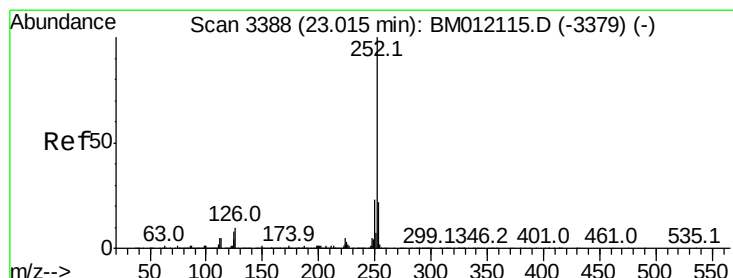
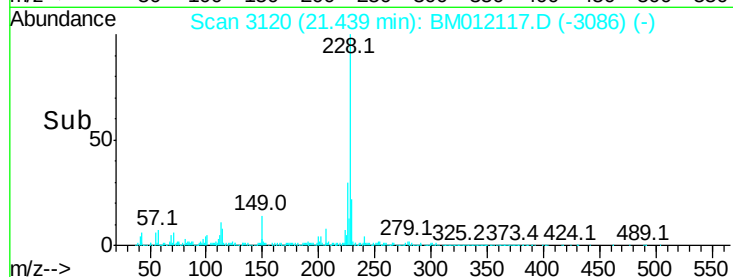
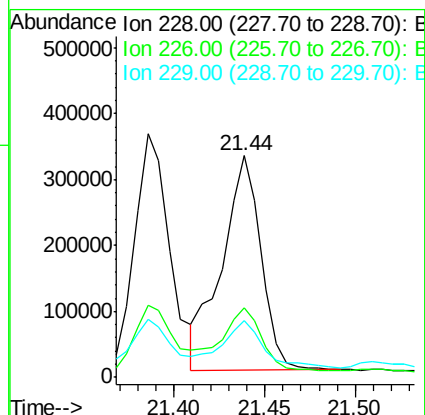
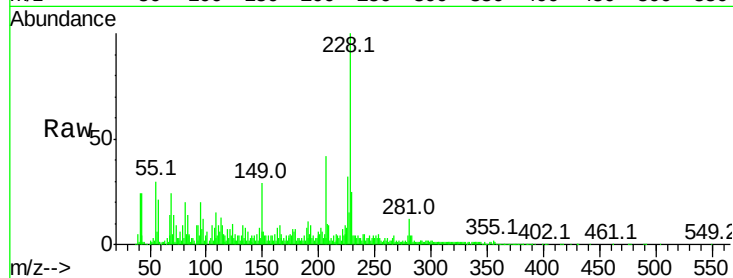
Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228	Resp:	491601
Ion	Ratio	Lower Upper
228	100	
226	31.7	23.4 35.2
229	25.4	15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 7.353 ng/ul

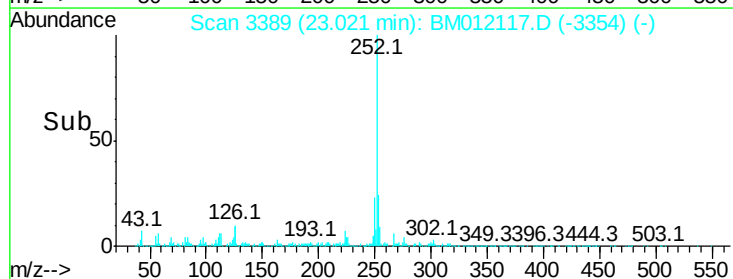
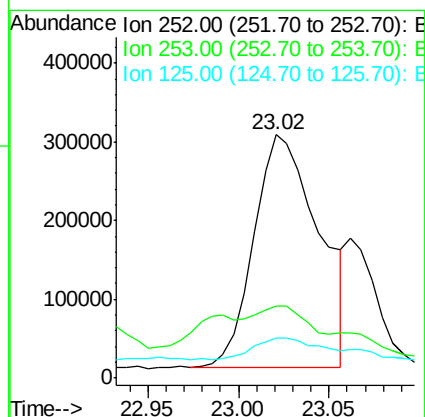
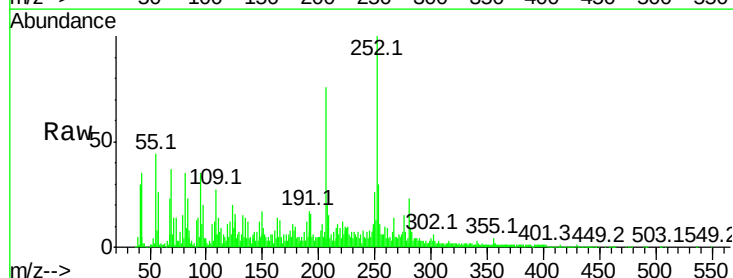
RT: 23.02 min Scan# 3389

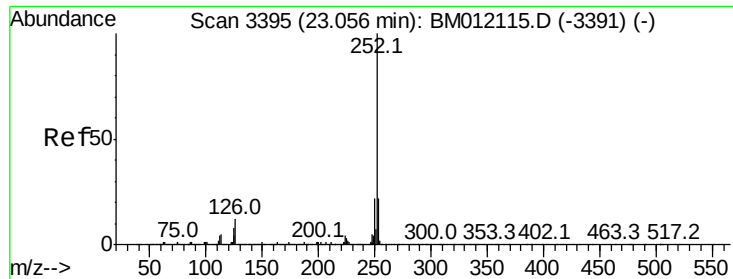
Delta R.T. 0.01 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Tgt Ion:252	Resp:	738825
Ion	Ratio	Lower Upper
252	100	
253	29.5	17.9 26.9#
125	16.4	3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 7.630 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.04 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

ClientSampleId :

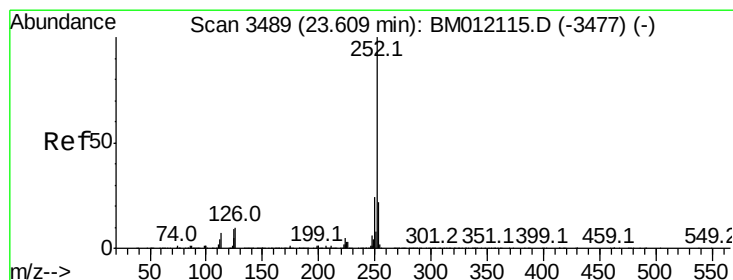
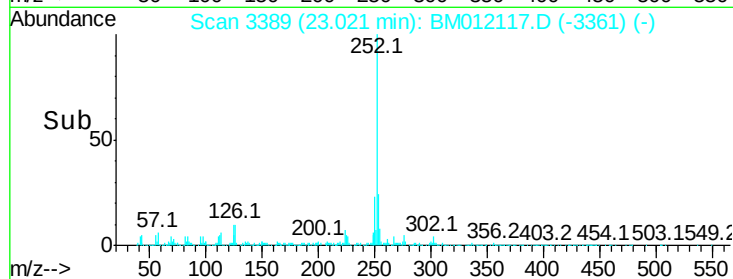
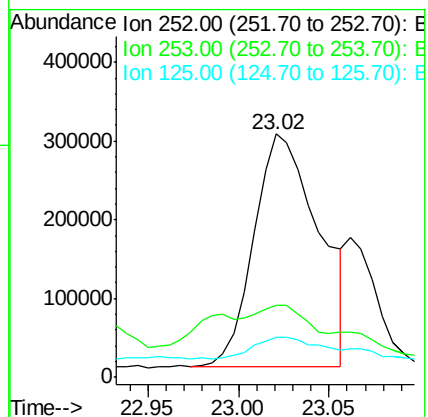
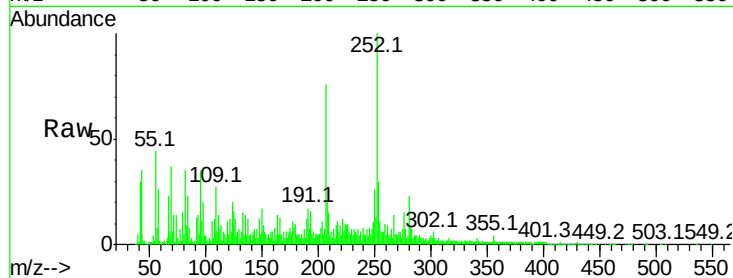
Tot Ion:252 Resp: 738825

Ion Ratio Lower Upper

252 100

253 29.5 17.1 25.7#

125 16.4 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 5.362 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

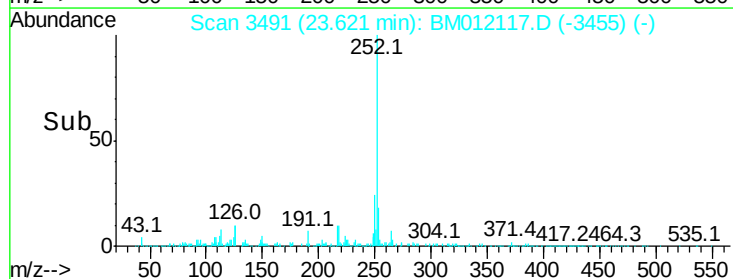
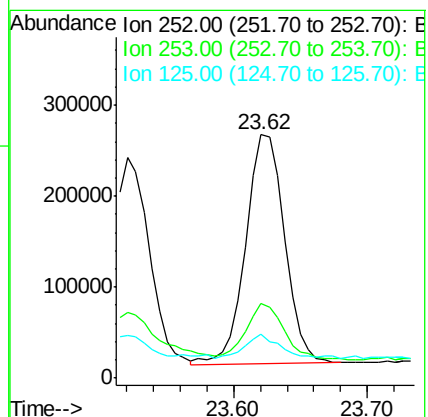
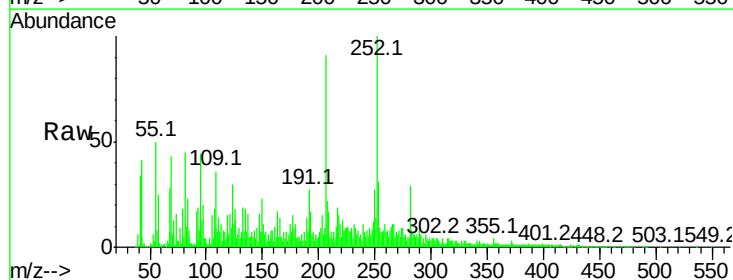
Tgt Ion:252 Resp: 507850

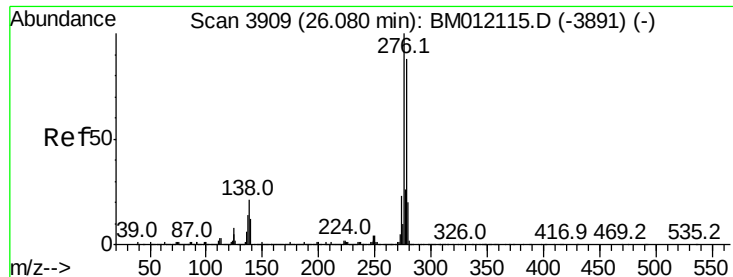
Ion Ratio Lower Upper

252 100

253 30.5 18.2 27.2#

125 17.9 4.0 6.0#



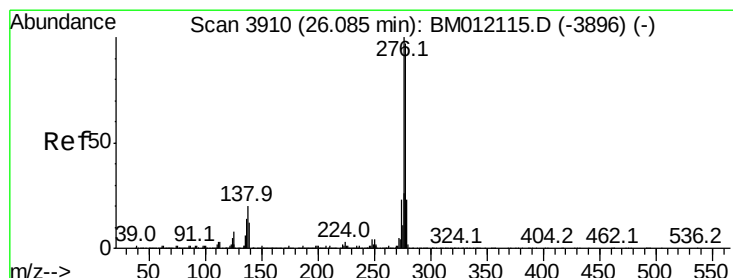
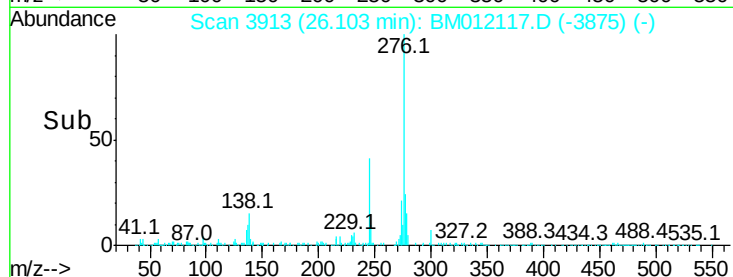
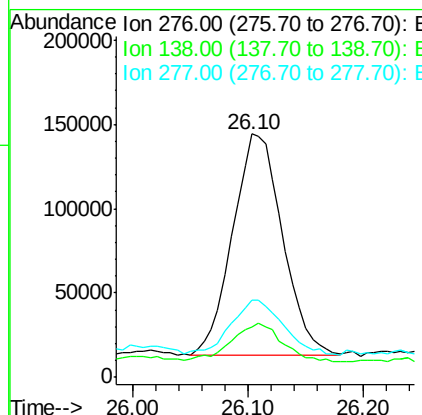
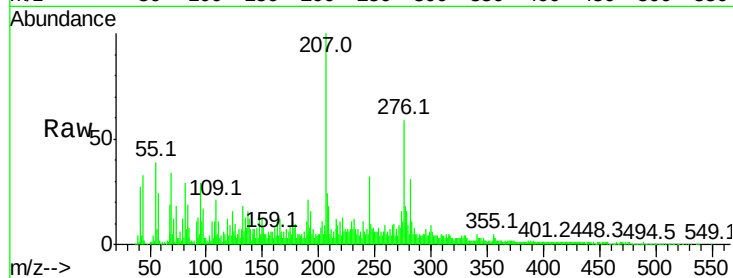


#89

Indeno(1,2,3-cd)pyrene
Concen: 3.908 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. 0.02 min
Lab File: BM012117.D
Acq: 13 Oct 2017 02:16

Instrument :
BNA_M
ClientSampleId :

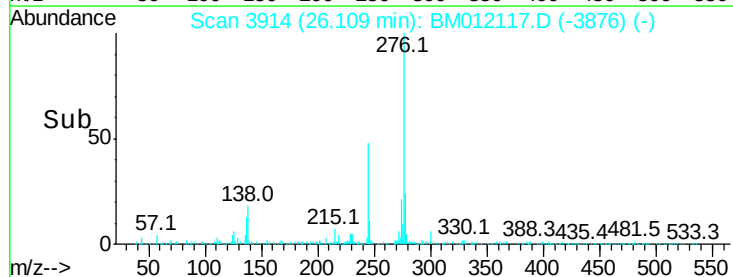
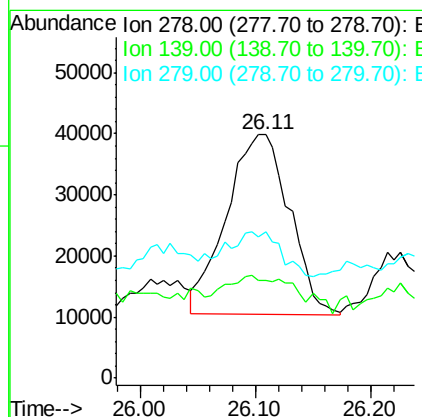
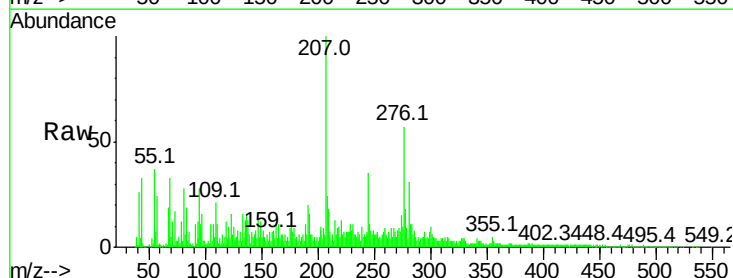
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	9.3	13.9#
277	31.5	19.9	29.9#

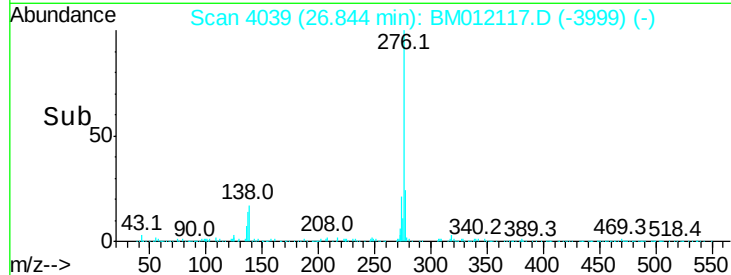
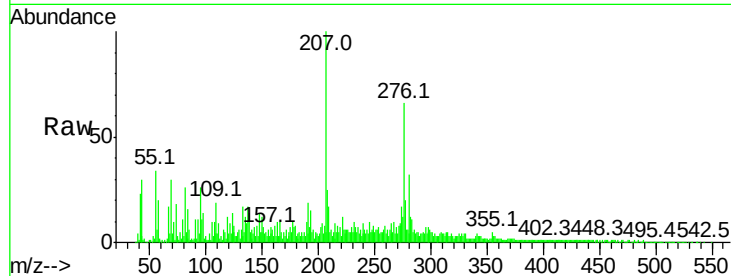
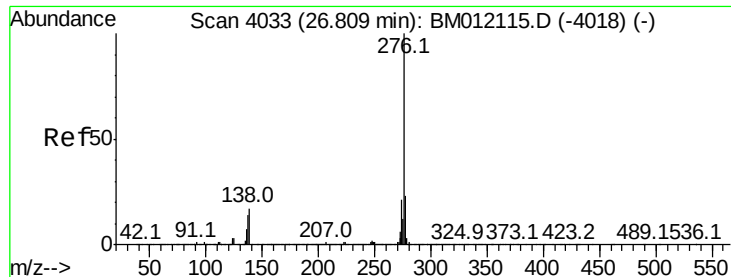


#90

Dibenzo(a,h)anthracene
Concen: 1.318 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. 0.02 min
Lab File: BM012117.D
Acq: 13 Oct 2017 02:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.3	5.8	8.8#
279	60.1	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 6.021 ng/ul

RT: 26.84 min Scan# 4039

Delta R.T. 0.04 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 496010

Ion Ratio Lower Upper

276 100

138 21.1 8.5 12.7#

277 31.1 18.6 28.0#

