

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101217\
 Data File : BM012140.D
 Acq On : 13 Oct 2017 17:09
 Operator : SJ/JU
 Sample : I5568-06DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 13 18:52:26 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	7.84	152	203926	20.00	ng/ul	0.01
18) Naphthalene-d8	10.65	136	866438	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.49	164	529792	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.24	188	1165402	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	911129	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	903149	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	3643	0.85	ng/uL	0.01
5) Phenol-d5	7.02	99	65582	3.96	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	40103	4.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	57514	4.10	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	57496	4.04	ng/ul	0.02
19) Nitrobenzene-d5	9.01	128	28928	4.38	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	32636	4.22	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.28	165	62482	4.24	ng/ul	0.02
29) 4-Chloroaniline-d4	10.79	131	45736	3.31	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	216952	4.63	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	253897	4.48	ng/ul	0.01
51) 4-Nitrophenol-d4	14.74	143	14026	1.99	ng/ul	0.05
57) Fluorene-d10	15.49	176	182540	4.75	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	1885	0.24	ng/ul	0.04
70) Anthracene-d10	17.34	188	284812	4.94	ng/ul	0.02
76) Pyrene-d10	19.64	212	261655	5.66	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.61	264	207088	4.76	ng/ul	0.04

Target Compounds

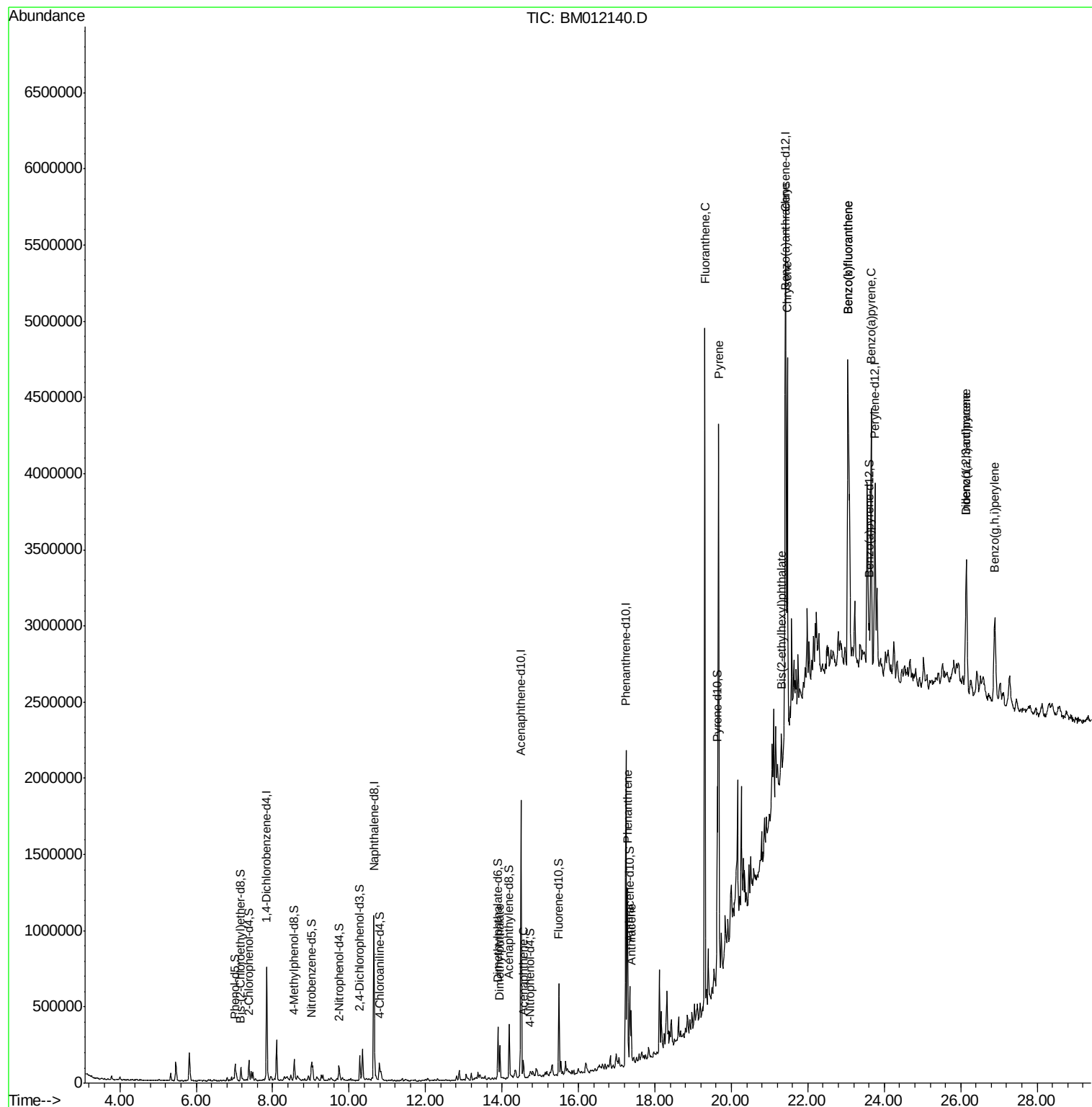
					Ovalue	
44) Dimethylphthalate	13.94	163	132697	2.829	ng/ul	99
49) Acenaphthene	14.56	153	41436	1.105	ng/ul	91
69) Phenanthrene	17.29	178	676108	10.198	ng/ul	98
71) Anthracene	17.37	178	215976	3.147	ng/ul	98
74) Fluoranthene	19.30	202	2656080	33.198	ng/ul#	93
77) Pyrene	19.67	202	2226380	37.000	ng/ul#	92
80) Benzo(a)anthracene	21.41	228	1533479	25.866	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.31	149	44664	1.111	ng/ul#	98
82) Chrysene	21.46	228	1313344	23.595	ng/ul	97
85) Benzo(b)fluoranthene	23.05	252	1909134	32.392	ng/ul#	97
86) Benzo(k)fluoranthene	23.05	252	1909134	33.613	ng/ul#	95
88) Benzo(a)pyrene	23.66	252	1310919	23.599	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.15	276	818551	13.876	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.14	278	233064	4.700	ng/ul#	74
91) Benzo(g,h,i)perylene	26.89	276	717230	14.845	ng/ul#	91

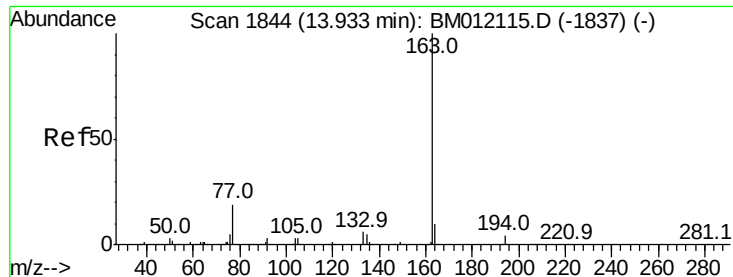
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
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Response via : Initial Calibration

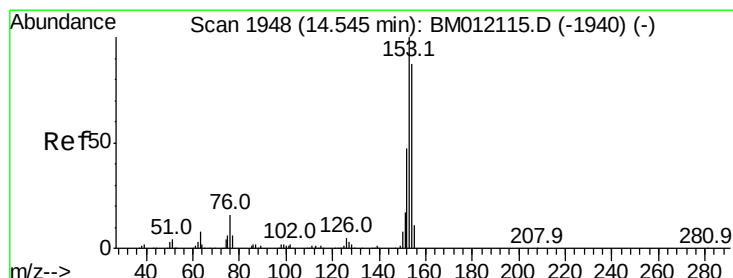
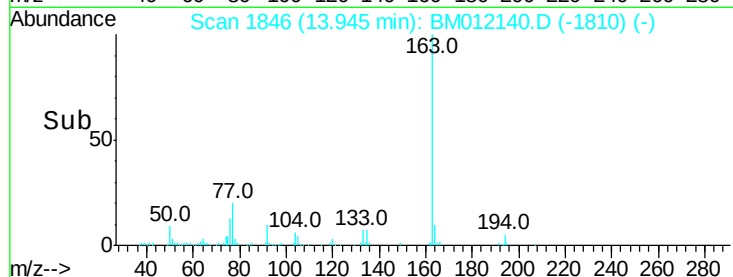
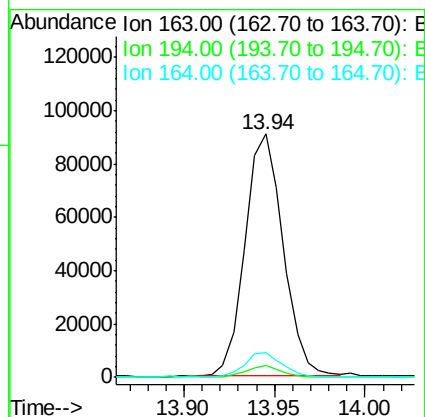
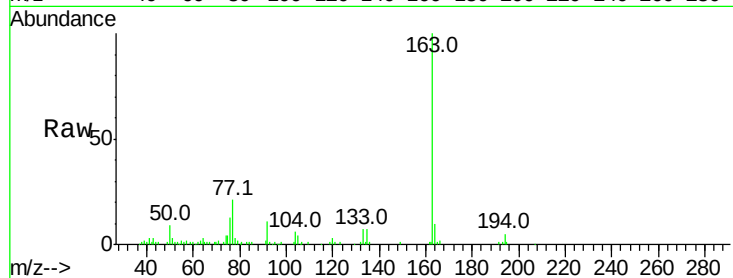




#44
Dimethylphthalate
Concen: 2.829 ng/ul
RT: 13.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

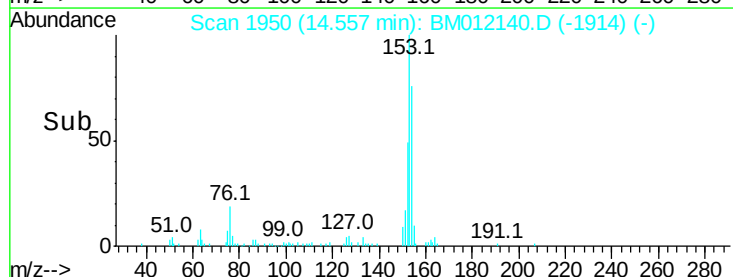
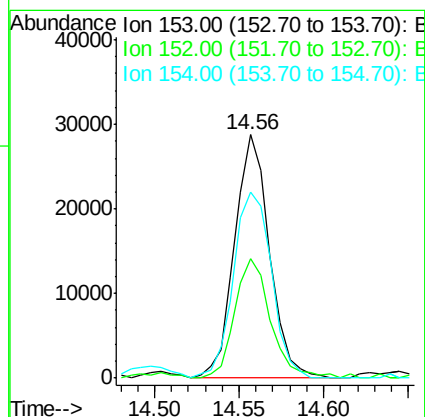
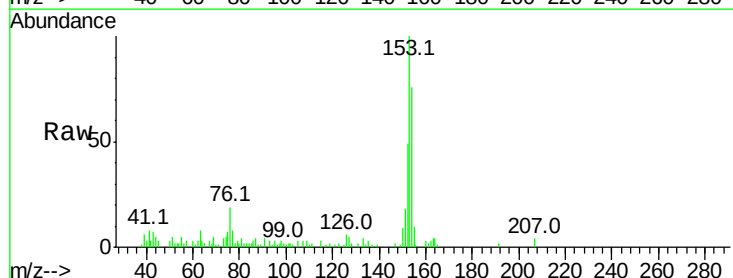
Instrument :
BNA_M
ClientSampleId :

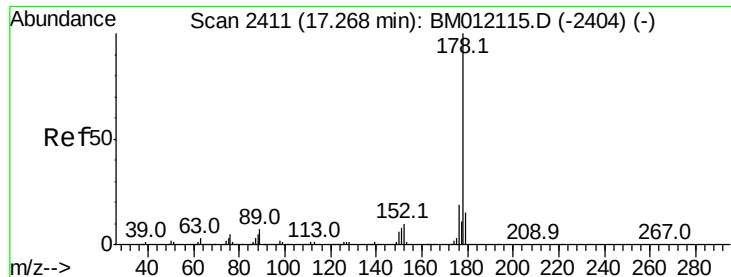
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	9.9	8.2	12.4



#49
Acenaphthene
Concen: 1.105 ng/ul
RT: 14.56 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.6	56.4
154	76.5	70.4	105.6





#69

Phenanthrene

Concen: 10.198 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. 0.02 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Instrument :

BNA_M

ClientSampleId :

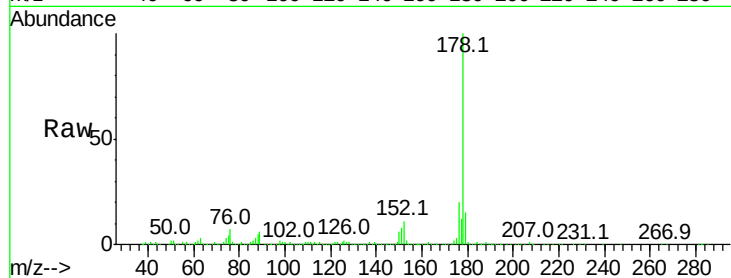
Tot Ion:178 Resp: 676108

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

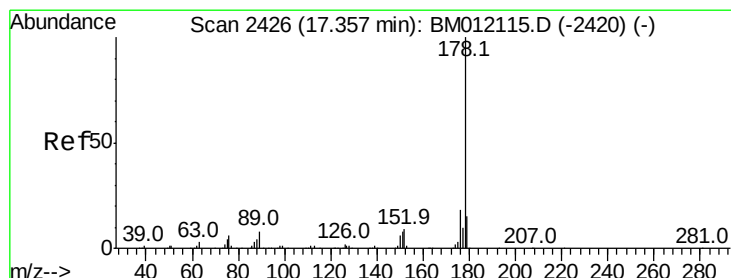
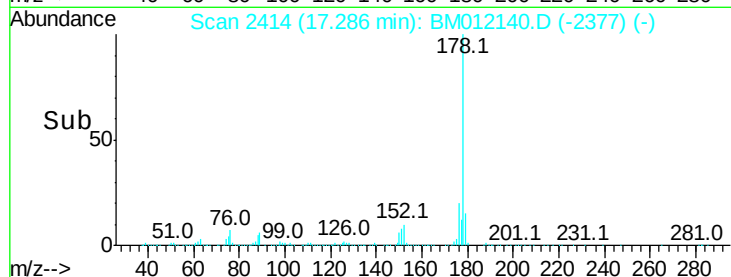
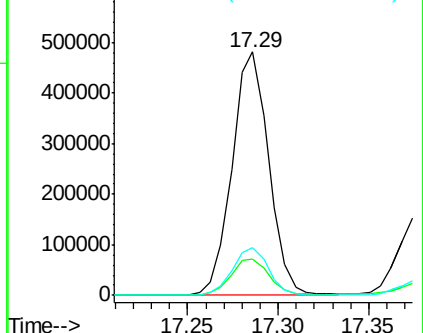
176 19.7 14.9 22.3



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: 3.147 ng/ul

RT: 17.37 min Scan# 2429

Delta R.T. 0.02 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

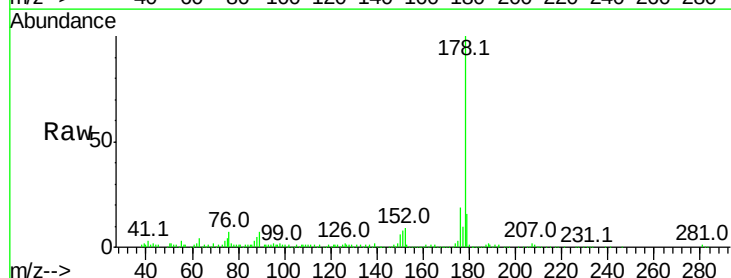
Tgt Ion:178 Resp: 215976

Ion Ratio Lower Upper

178 100

179 15.9 11.7 17.5

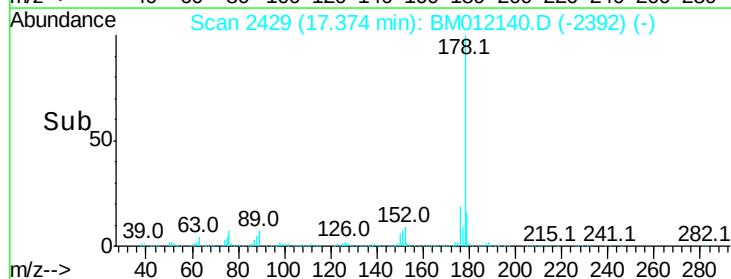
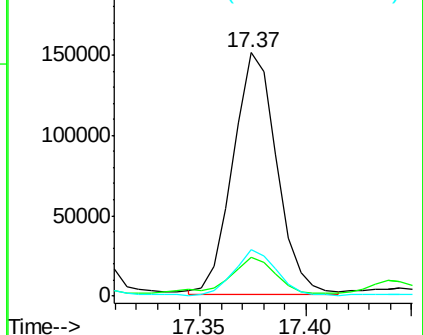
176 18.9 14.6 21.8

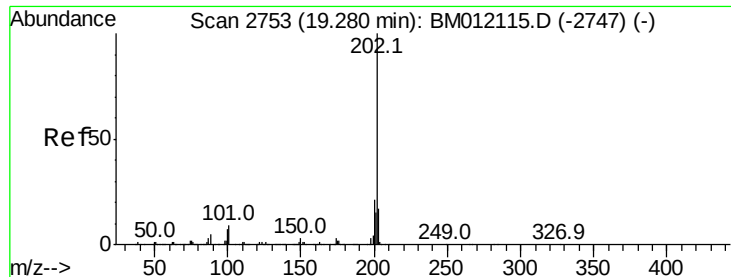


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 33.198 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.02 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Instrument :

BNA_M

ClientSampleId :

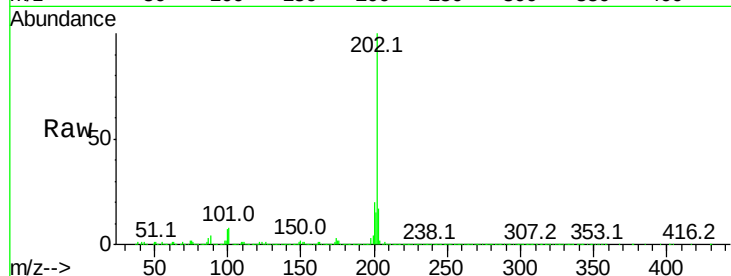
Tot Ion:202 Resp: 2656080

Ion Ratio Lower Upper

202 100

101 8.2 4.6 7.0#

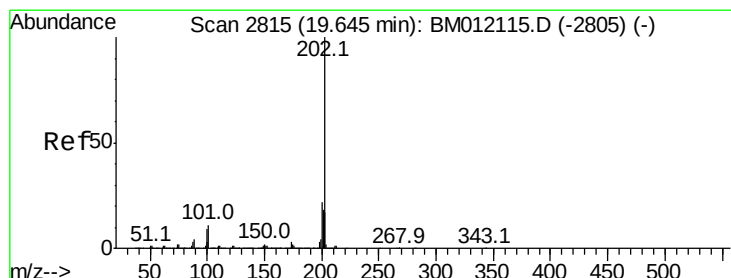
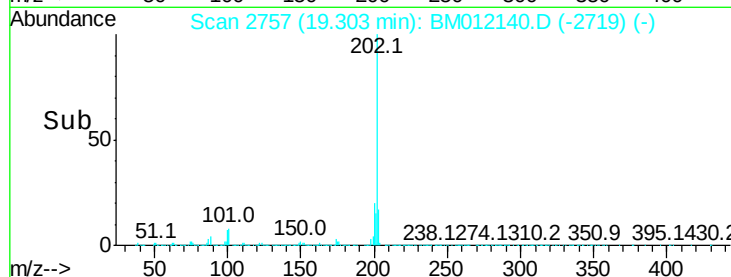
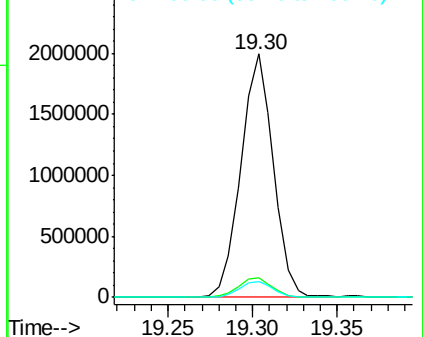
100 6.6 3.4 5.2#



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: 37.000 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. 0.02 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

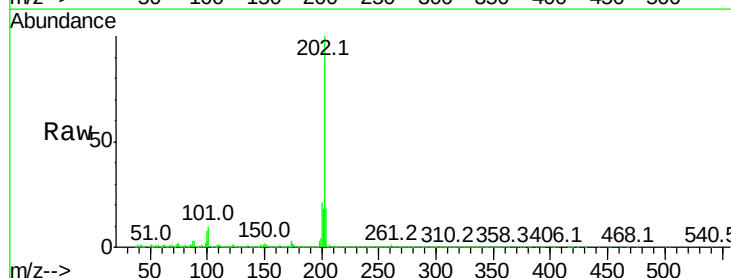
Tgt Ion:202 Resp: 2226380

Ion Ratio Lower Upper

202 100

101 9.6 5.1 7.7#

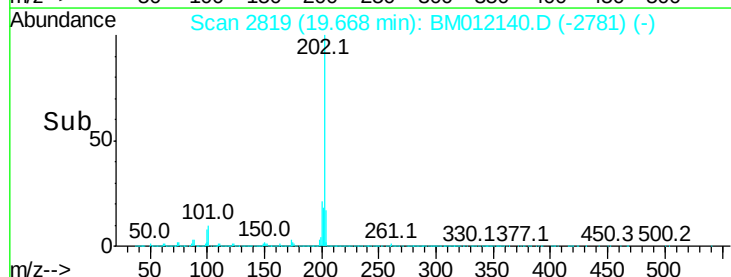
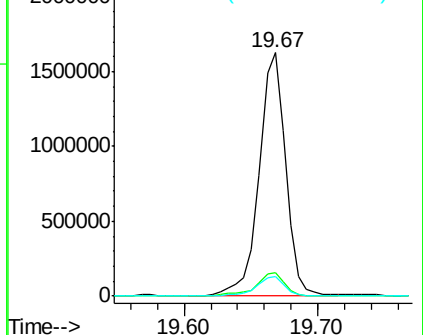
100 8.0 4.9 7.3#

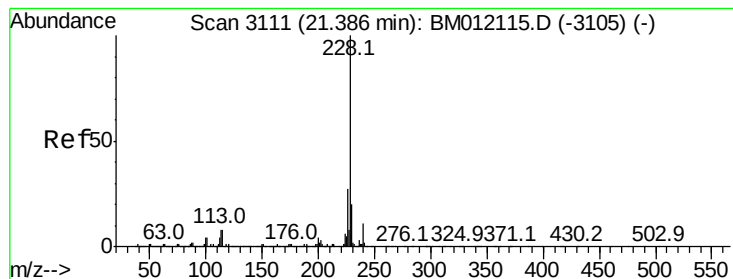


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 25.866 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.02 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Instrument :

BNA_M

ClientSampleId :

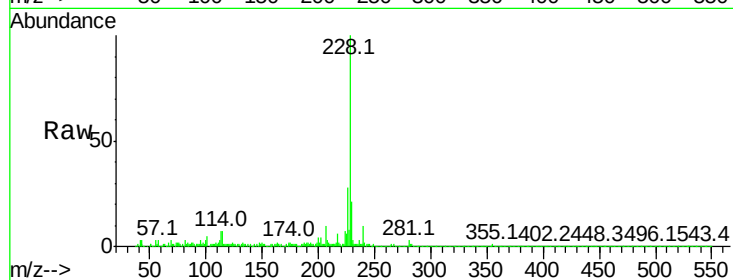
Tot Ion:228 Resp: 1533479

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	27.7	21.4	32.0

228 100

229 21.4 15.4 23.0

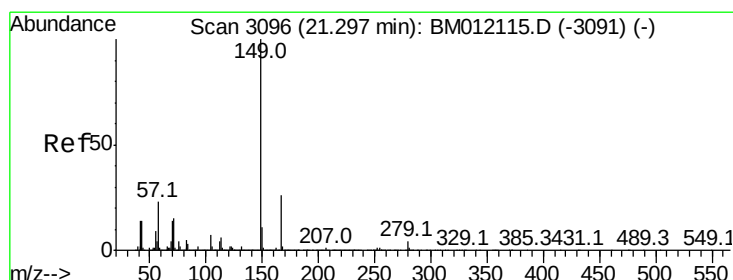
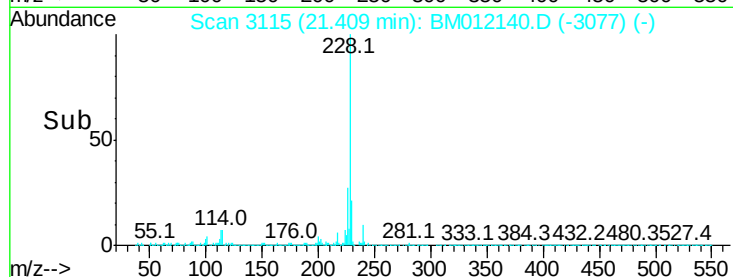
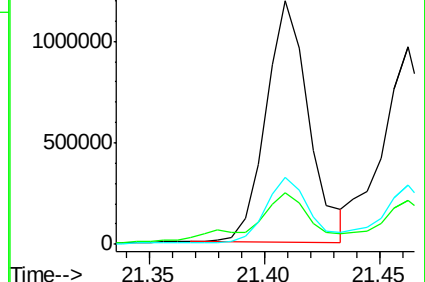
226 27.7 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.111 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

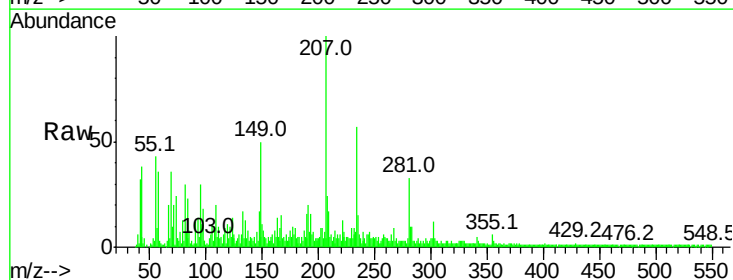
Tgt Ion:149 Resp: 44664

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.8	34.2
279	8.6	4.9	7.3#

149 100

167 29.2 22.8 34.2

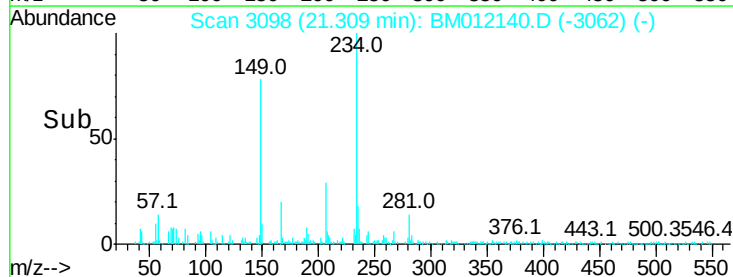
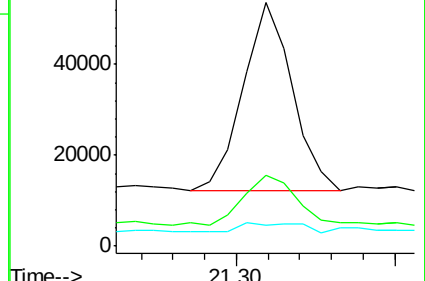
279 8.6 4.9 7.3#

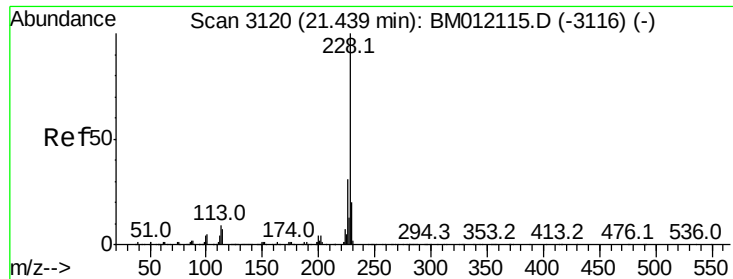


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 23.595 ng/ul

RT: 21.46 min Scan# 3124

Delta R.T. 0.02 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

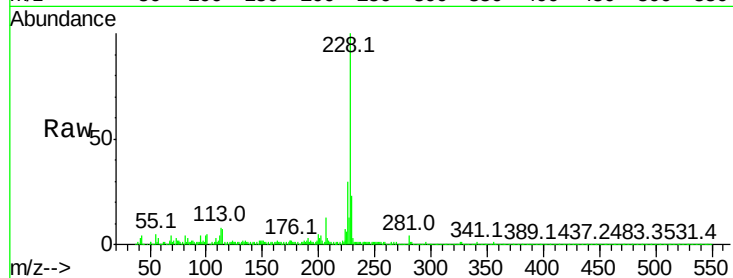
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1313344

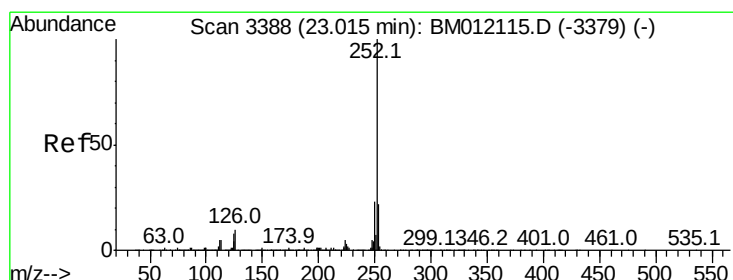
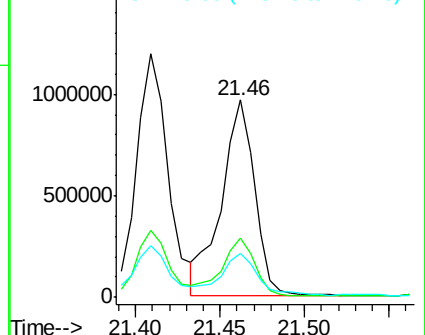
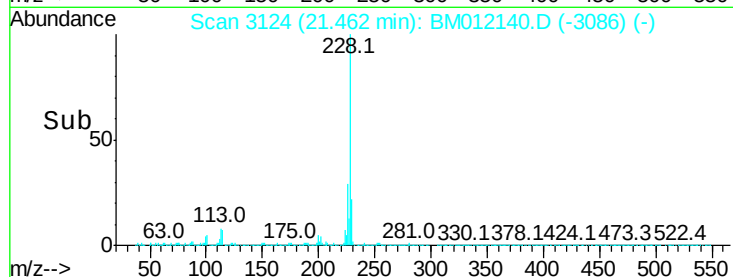
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.6	15.5	23.3



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: 32.392 ng/ul

RT: 23.05 min Scan# 3394

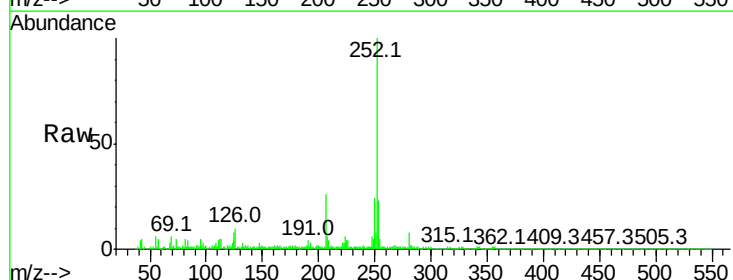
Delta R.T. 0.04 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Tgt Ion:252 Resp: 1909134

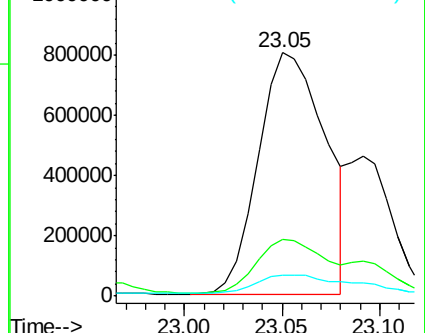
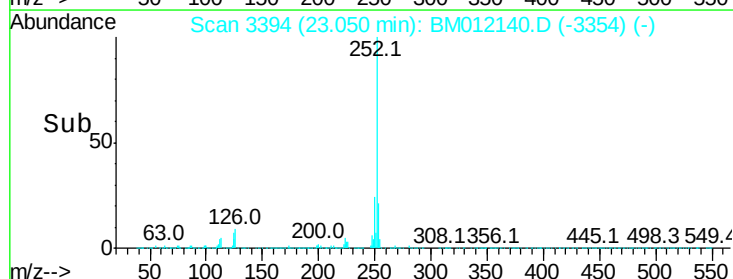
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	8.5	3.6	5.4

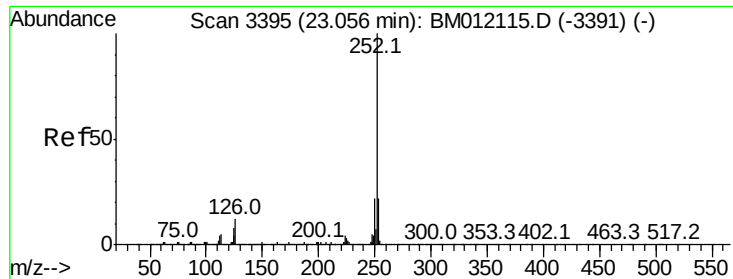


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

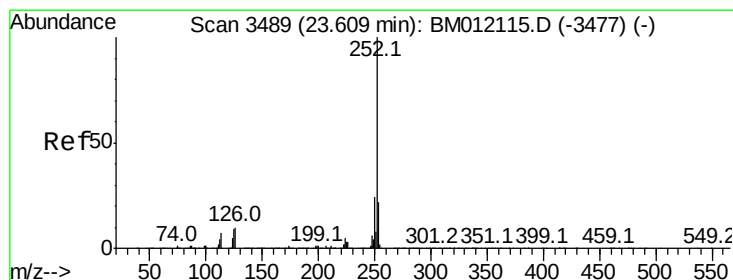
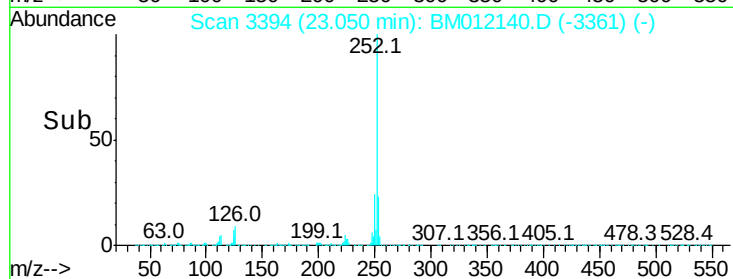
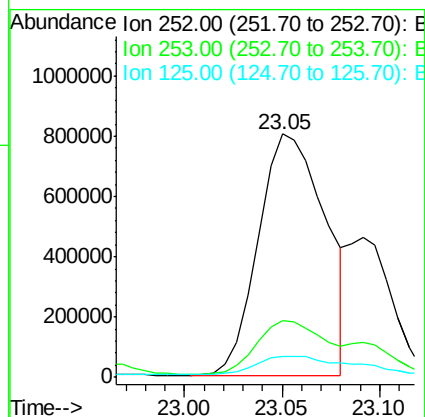
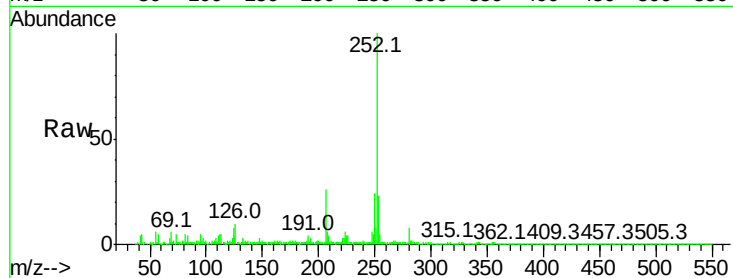




#86
Benzo(k)fluoranthene
Concen: 33.613 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. -0.01 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

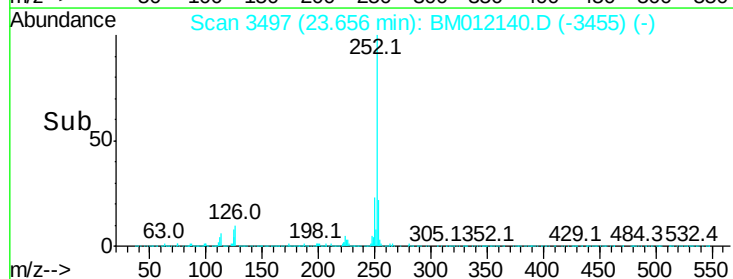
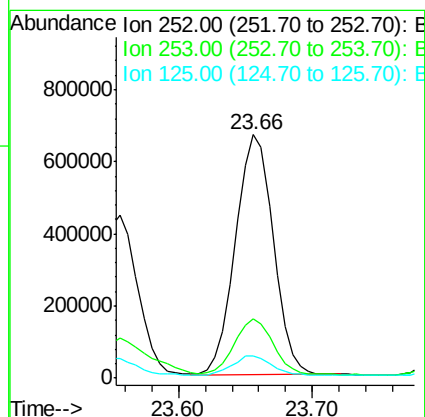
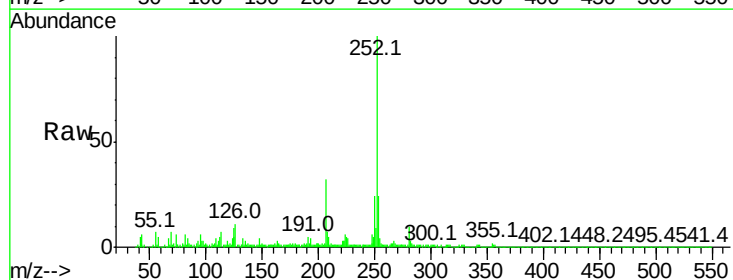
Instrument :
BNA_M
ClientSampleId :

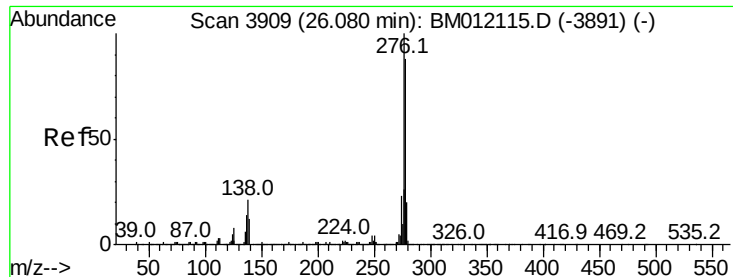
Tot Ion:252 Resp: 1909134
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 8.5 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 23.599 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. 0.05 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Tgt Ion:252 Resp: 1310919
Ion Ratio Lower Upper
252 100
253 24.1 18.2 27.2
125 9.0 4.0 6.0#



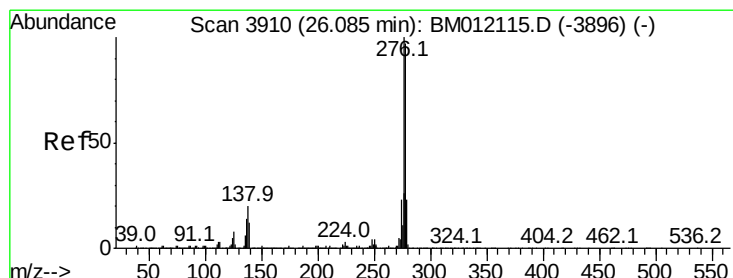
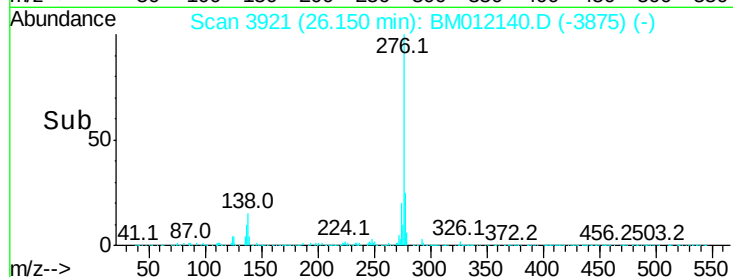
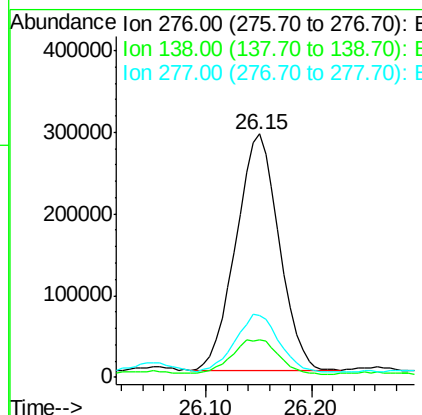
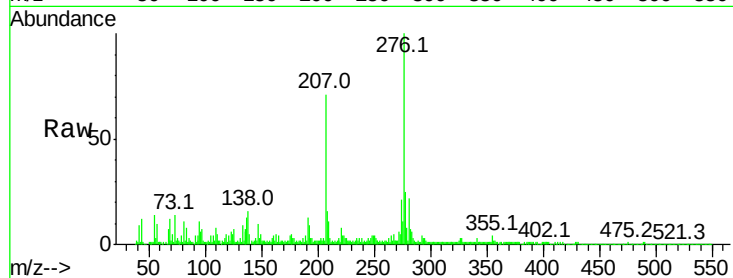


#89

Indeno(1,2,3-cd)pyrene
Concen: 13.876 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. 0.07 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Instrument :
BNA_M
ClientSampleId :

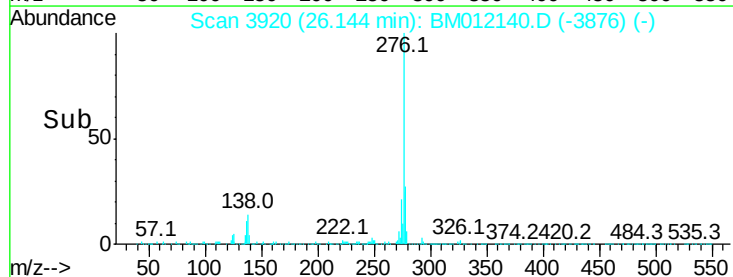
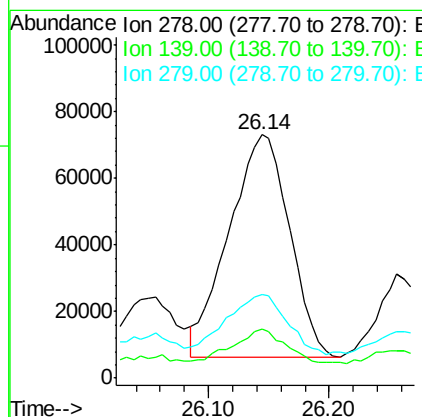
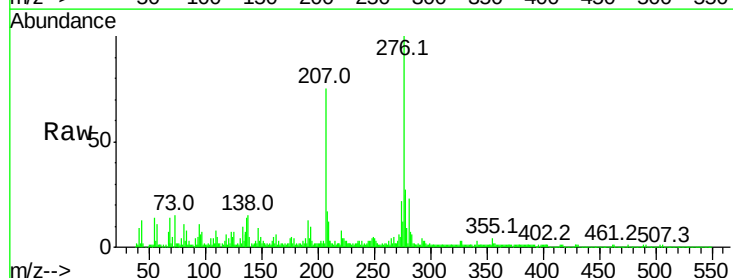
Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	25.3	19.9	29.9

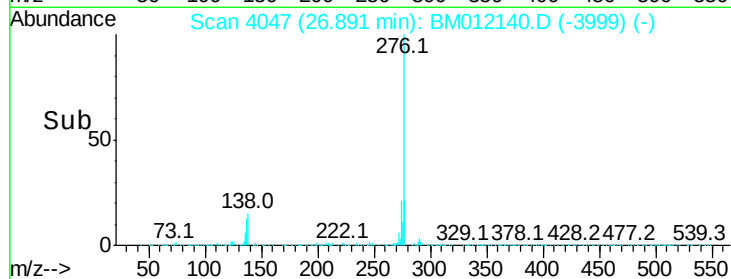
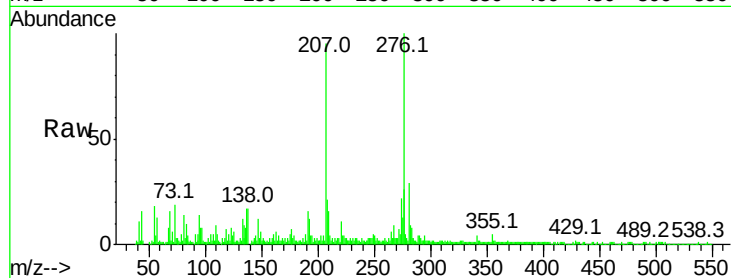
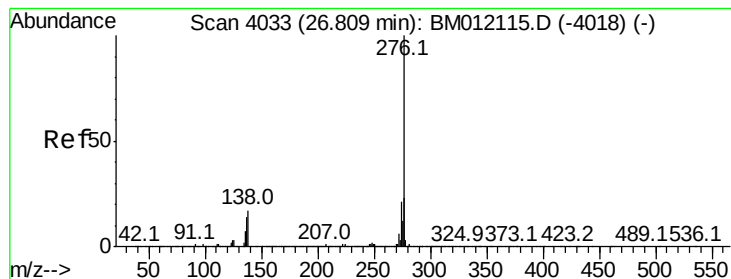


#90

Dibenzo(a,h)anthracene
Concen: 4.700 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. 0.06 min
Lab File: BM012140.D
Acq: 13 Oct 2017 17:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	5.8	8.8#
279	34.5	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 14.845 ng/ul

RT: 26.89 min Scan# 4047

Delta R.T. 0.08 min

Lab File: BM012140.D

Acq: 13 Oct 2017 17:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 717230

Ion Ratio Lower Upper

276 100

138 17.0 8.5 12.7#

277 25.8 18.6 28.0

