

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014471.D
 Acq On : 05 Mar 2018 13:59
 Operator : SJ/JU
 Sample : J1678-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

Quant Time: Mar 05 14:47:49 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	92988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	426211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	269227	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	550410	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	410833	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	382243	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8676	3.99	ng/uL	0.00
5) Phenol-d5	6.73	99	263071	33.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	161777	34.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	216560	35.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	220201	32.02	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	113657	36.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	134249	41.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	237930	35.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	167463	25.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	830935	37.37	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1008523	36.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	83679	27.26	ng/ul	0.02
57) Fluorene-d10	15.18	176	677528	34.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	100911	30.56	ng/ul	0.00
70) Anthracene-d10	17.04	188	981000	36.94	ng/ul	0.00
76) Pyrene-d10	19.36	212	890279	42.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	380078	20.43	ng/ul	0.15

Target Compounds

					Ovalue	
6) Phenol	6.76	94	17918	2.173	ng/ul	97
28) Naphthalene	10.33	128	45711	2.088	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	21162	1.270	ng/ul	89
44) Dimethylphthalate	13.65	163	117558	5.362	ng/ul	98
47) Acenaphthylene	13.90	152	81023	3.127	ng/ul	94
49) Acenaphthene	14.24	153	92084	5.047	ng/ul	92
53) Dibenzofuran	14.59	168	61791	2.258	ng/ul	99
56) Diethylphthalate	15.02	149	140801	5.763	ng/ul	92
58) Fluorene	15.23	166	101154	4.283	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.25	198	9351	2.783	ng/ul#	69
69) Phenanthrene	16.99	178	2000004	63.067	ng/ul	99
71) Anthracene	17.07	178	389251	12.205	ng/ul	97
72) Carbazole	17.36	167	148371	5.533	ng/ul	96
74) Fluoranthene	19.02	202	3083438	81.383	ng/ul#	95
77) Pyrene	19.39	202	2835263	103.845	ng/ul#	94
78) Butylbenzylphthalate	20.29	149	18742	1.660	ng/ul#	77
80) Benzo(a)anthracene	21.14	228	1180038	46.023	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	16319	1.009	ng/ul	97
82) Chrysene	21.20	228	1114999	46.616	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	1198350	46.821	ng/ul#	98
86) Benzo(k)fluoranthene	22.70	252	1198350	49.246	ng/ul#	98
88) Benzo(a)pyrene	23.26	252	915013	40.007	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.53	276	557431	25.117	ng/ul	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014471.D
Acq On : 05 Mar 2018 13:59
Operator : SJ/JU
Sample : J1678-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5T7

Quant Time: Mar 05 14:47:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

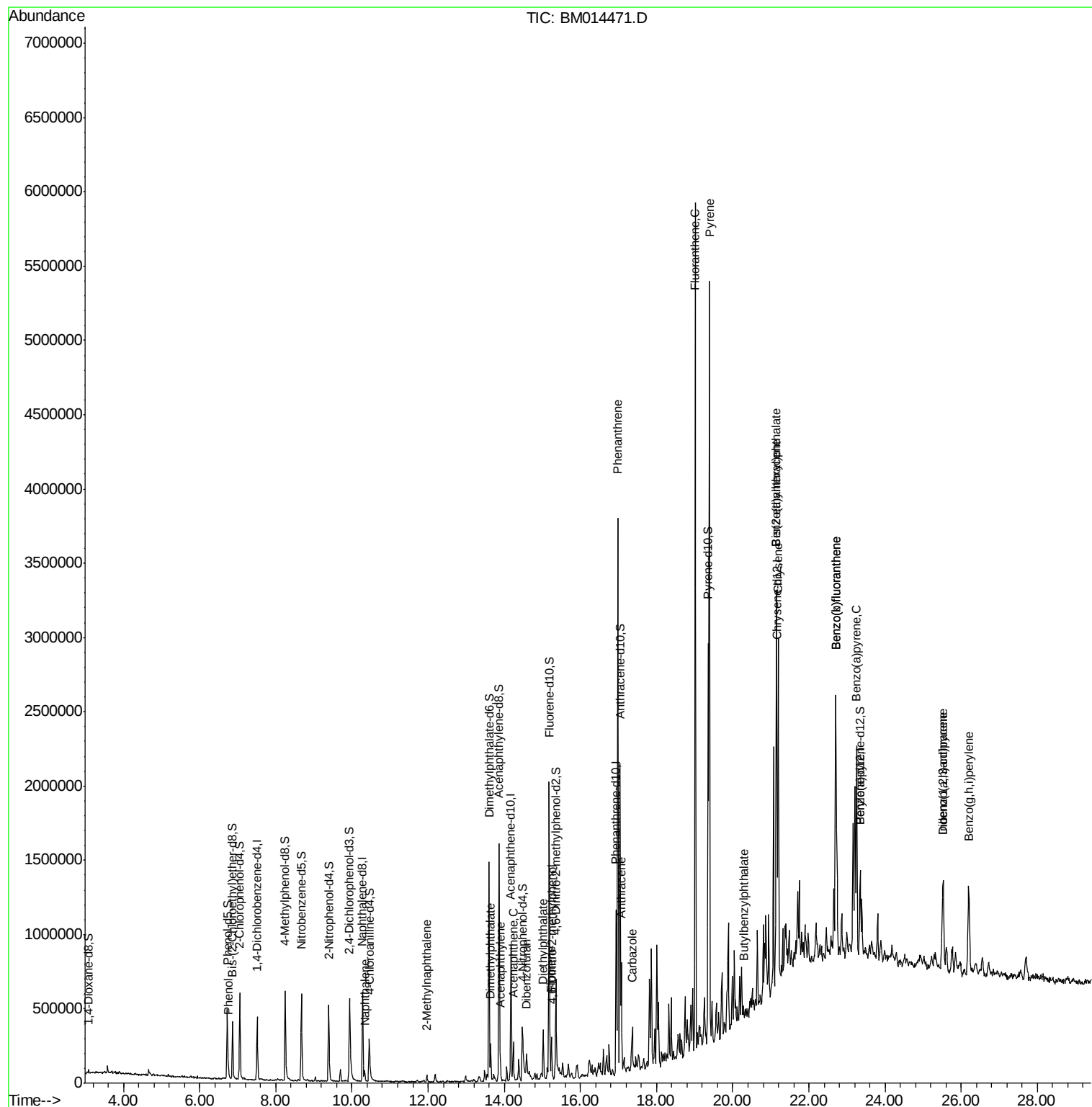
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.52	278	161781	8.773	ng/ul#	87
91) Benzo(g,h,i)perylene	26.19	276	457077	25.423	ng/ul	97

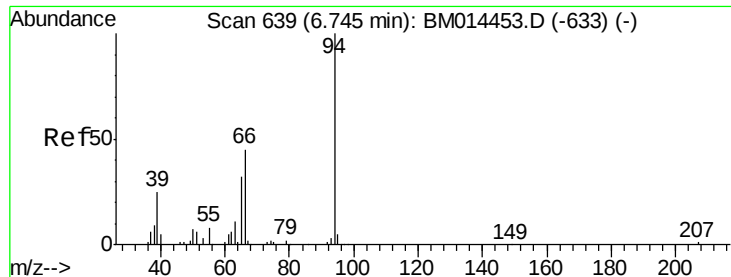
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014471.D
Acq On : 05 Mar 2018 13:59
Operator : SJ/JU
Sample : J1678-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5T7

Quant Time: Mar 05 14:47:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration





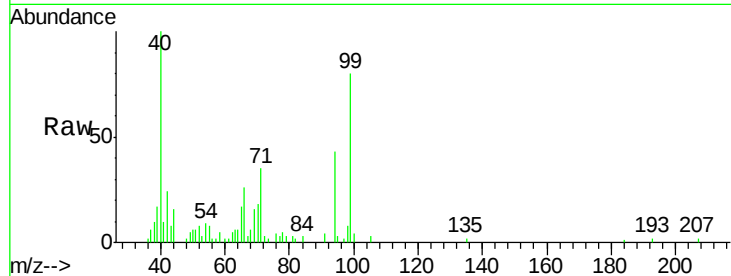
#6

Phenol

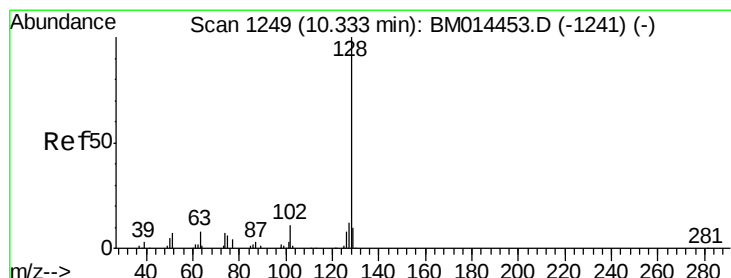
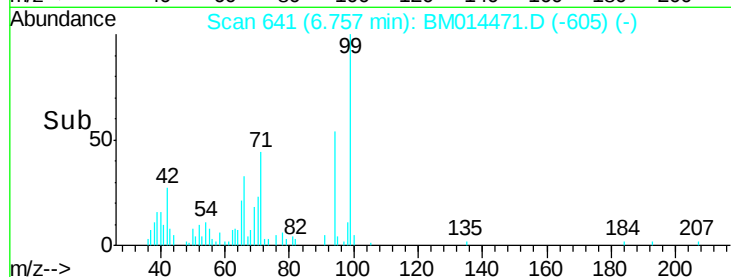
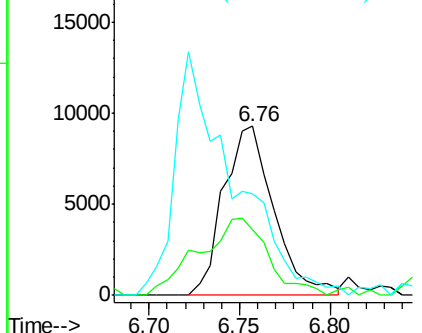
Concen: 2.173 ng/ul
 RT: 6.76 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

Tot Ion: 94 Resp: 17918
 Ion Ratio Lower Upper
 94 100
 65 39.1 28.2 42.4
 66 60.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM0
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 66.00 (65.70 to 66.70): BM0

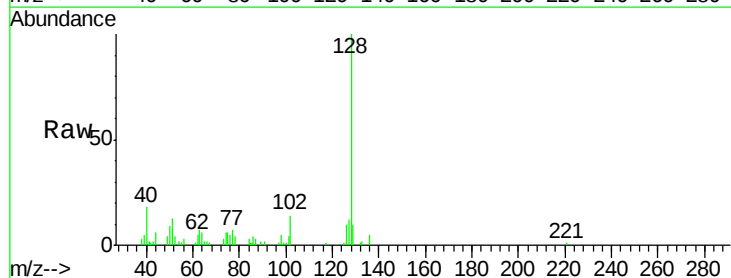


#28

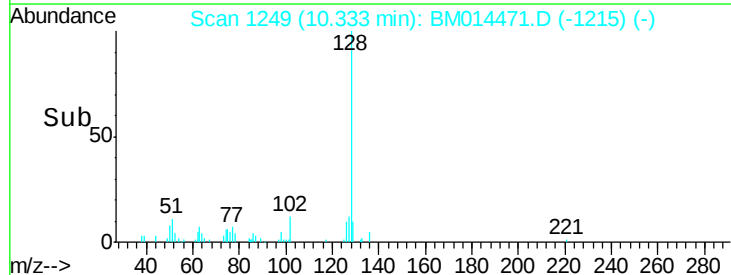
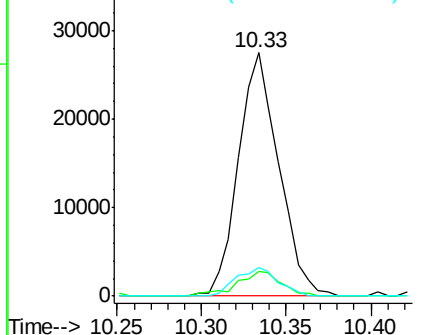
Naphthalene

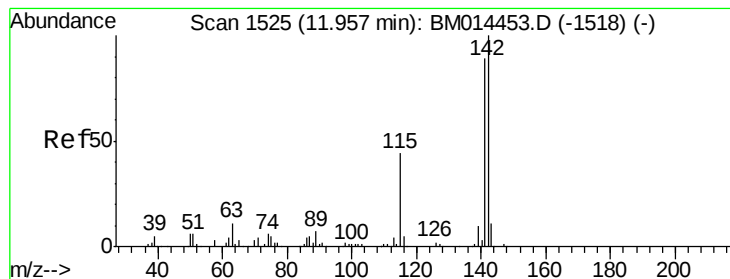
Concen: 2.088 ng/ul
 RT: 10.33 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Tgt Ion: 128 Resp: 45711
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.8 13.2
 127 11.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 1.270 ng/ul

RT: 11.97 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

ClientSampleId :

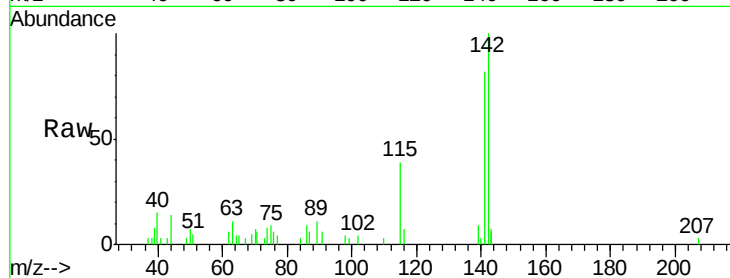
BE5T7

Tot Ion:142 Resp: 21162

Ion Ratio Lower Upper

142 100

141 81.9 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

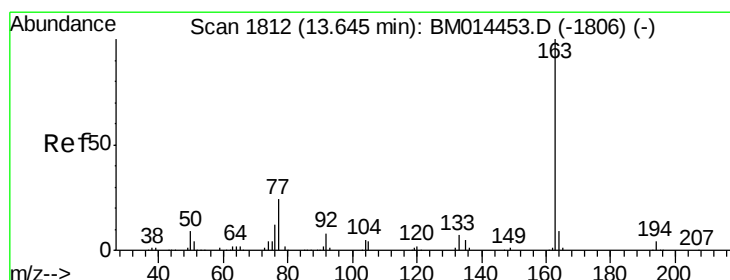
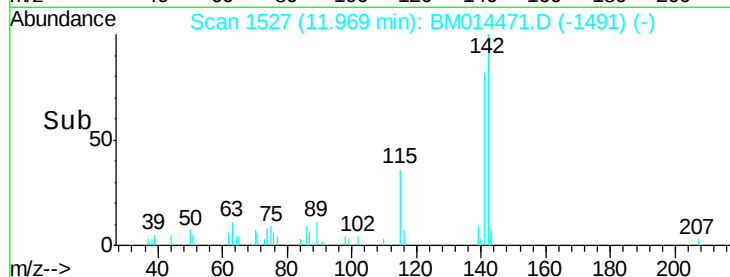
11.97

10000

5000

0

Time--> 11.90 11.95 12.00



#44

Dimethylphthalate

Concen: 5.362 ng/ul

RT: 13.65 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

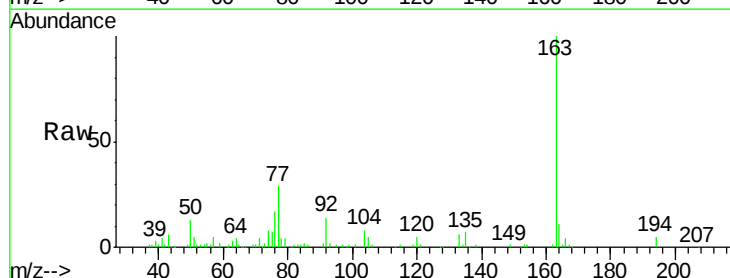
Tgt Ion:163 Resp: 117558

Ion Ratio Lower Upper

163 100

194 4.6 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

13.65

100000

80000

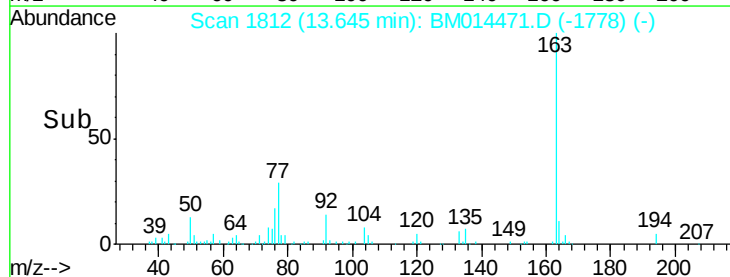
60000

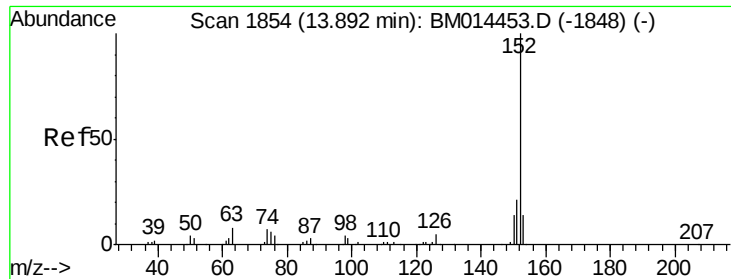
40000

20000

0

Time--> 13.60 13.65 13.70





#47

Acenaphthylene

Concen: 3.127 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

ClientSampleId :

BE5T7

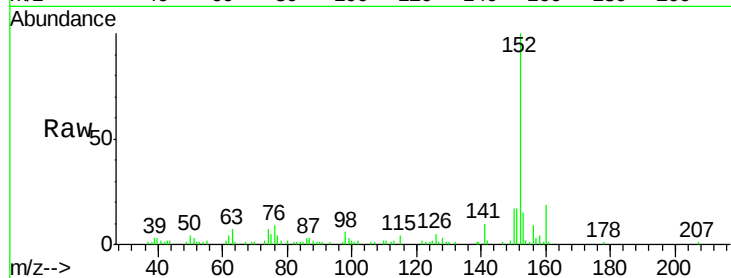
Tot Ion:152 Resp: 81023

Ion Ratio Lower Upper

152 100

151 17.3 16.3 24.5

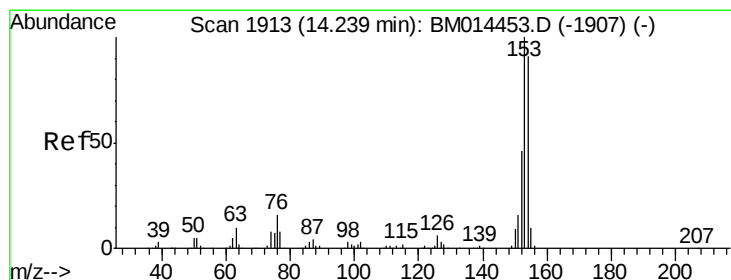
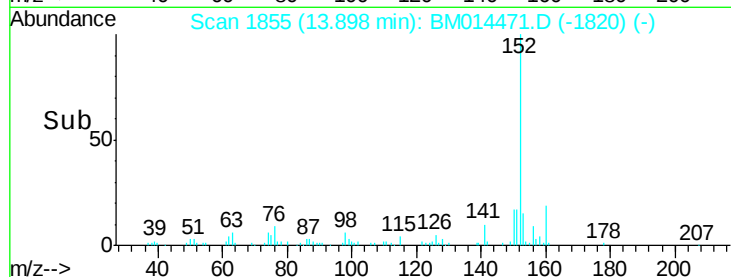
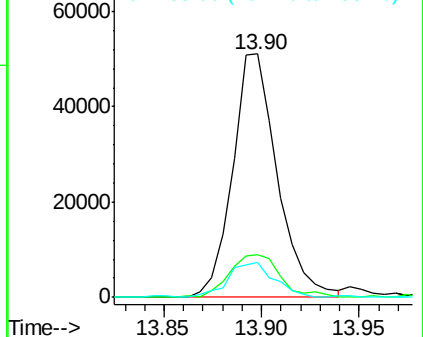
153 14.6 10.2 15.4



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



#49

Acenaphthene

Concen: 5.047 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

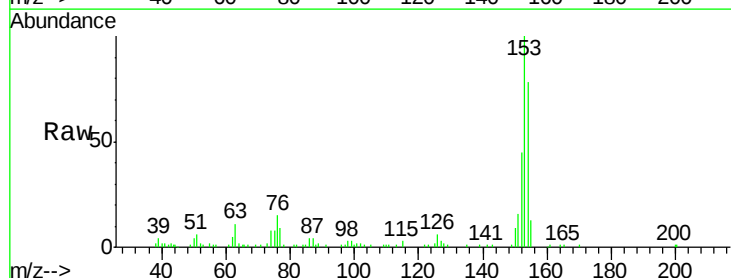
Tgt Ion:153 Resp: 92084

Ion Ratio Lower Upper

153 100

152 45.0 37.6 56.4

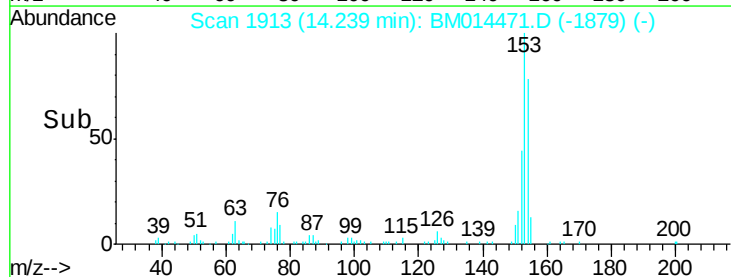
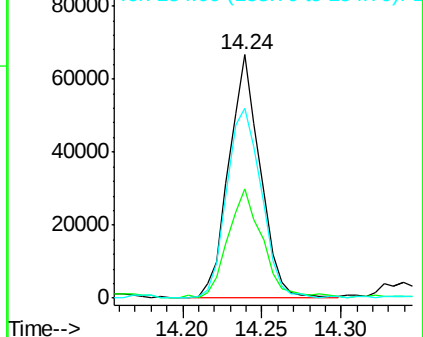
154 77.9 70.4 105.6

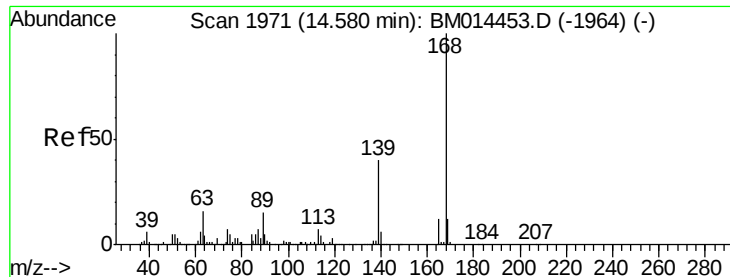


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzofuran

Concen: 2.258 ng/ul

RT: 14.59 min Scan# 1972

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

ClientSampleId :

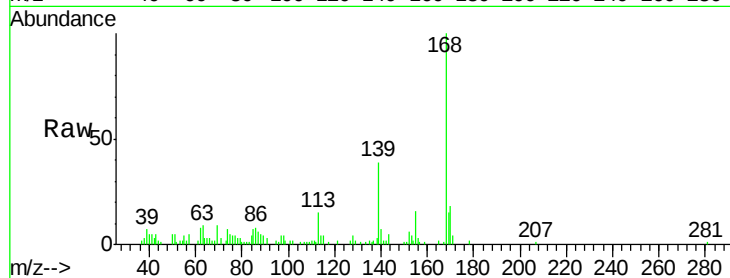
BE5T7

Tot Ion:168 Resp: 61791

Ion Ratio Lower Upper

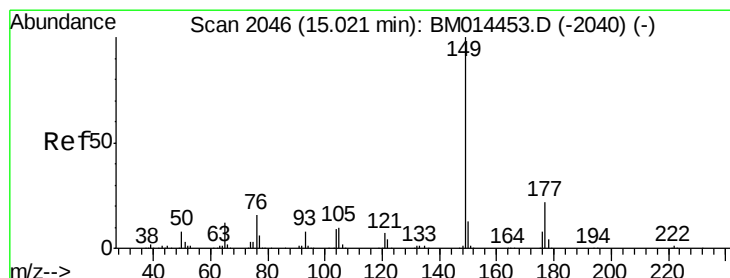
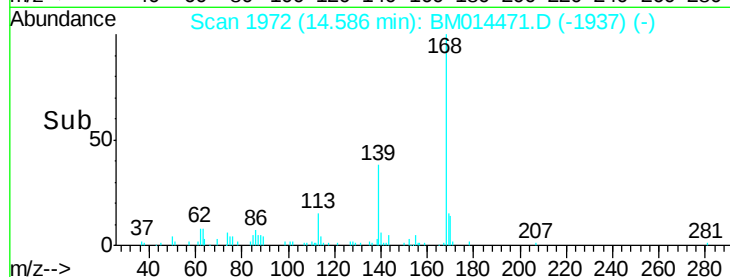
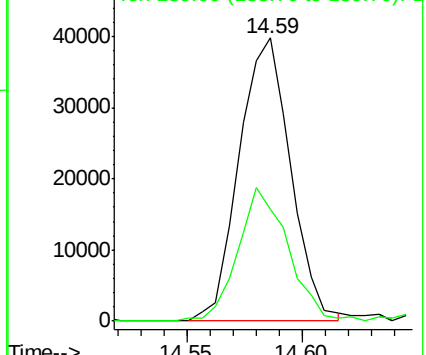
168 100

139 39.4 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

Diethylphthalate

Concen: 5.763 ng/ul

RT: 15.02 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

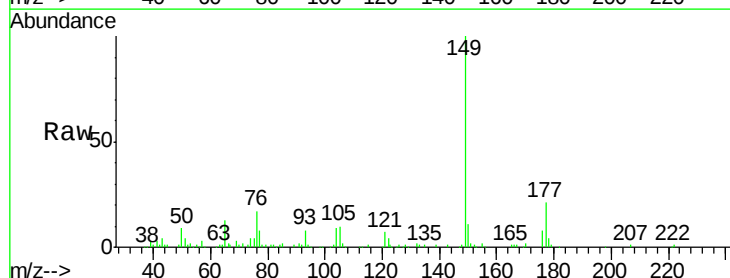
Tgt Ion:149 Resp: 140801

Ion Ratio Lower Upper

149 100

177 21.0 20.5 30.7

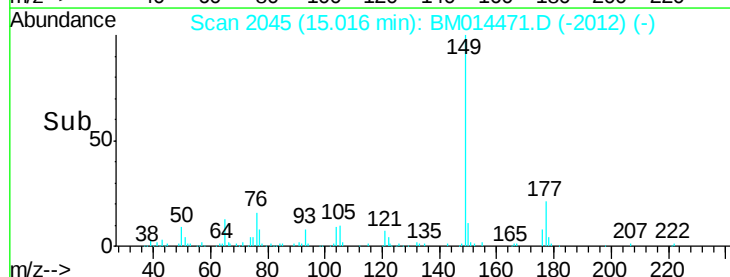
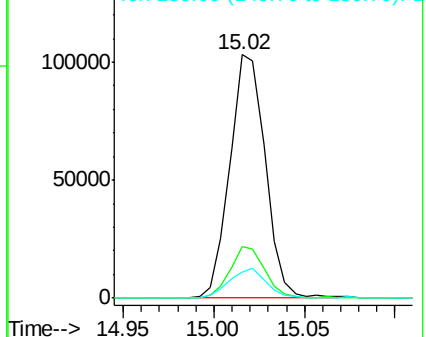
150 10.6 10.6 15.8

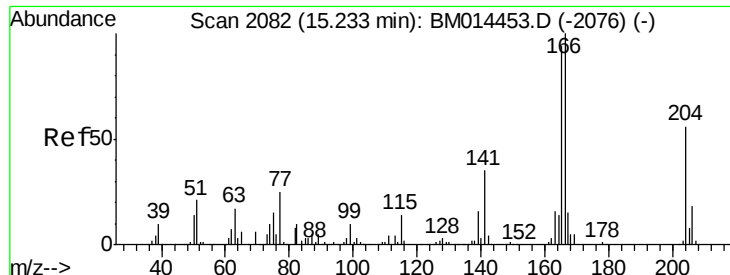


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 4.283 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

ClientSampleId :

BE5T7

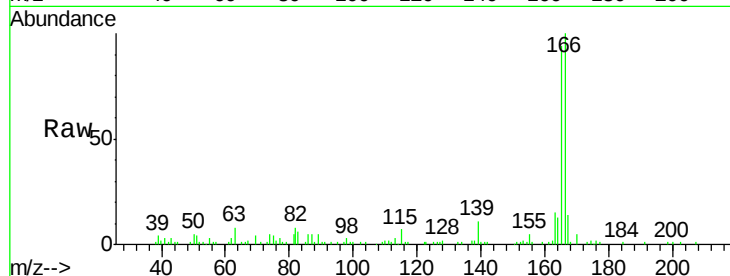
Tot Ion:166 Resp: 101154

Ion Ratio Lower Upper

166 100

165 94.3 77.9 116.9

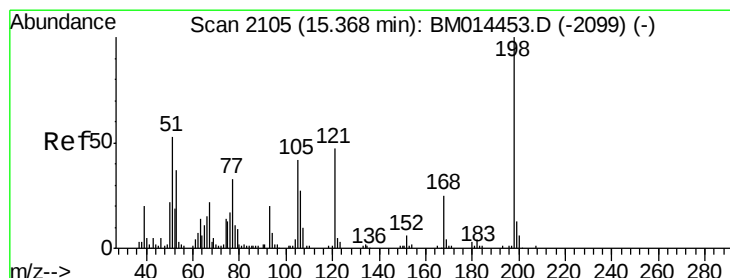
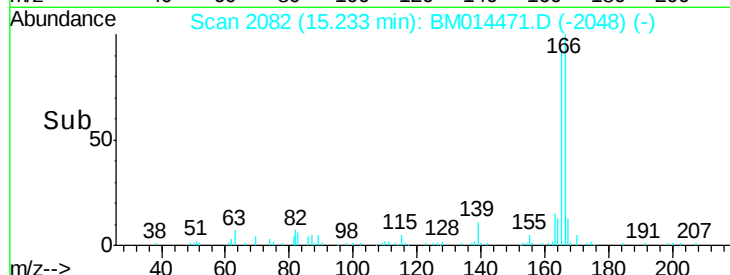
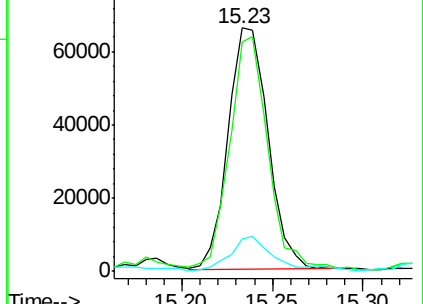
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

4,6-Dinitro-2-methylphenol

Concen: 2.783 ng/ul

RT: 15.25 min Scan# 2085

Delta R.T. -0.12 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

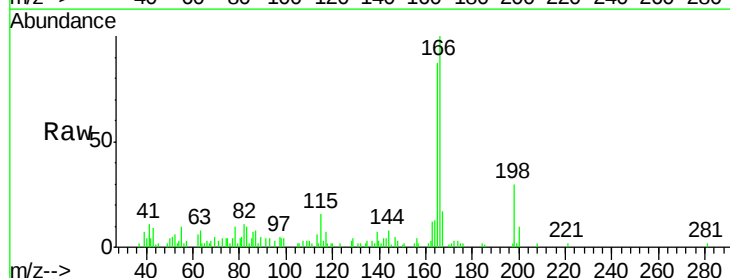
Tgt Ion:198 Resp: 9351

Ion Ratio Lower Upper

198 100

182 0.0 3.8 5.6#

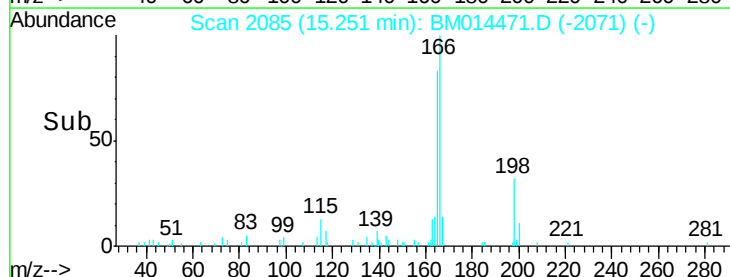
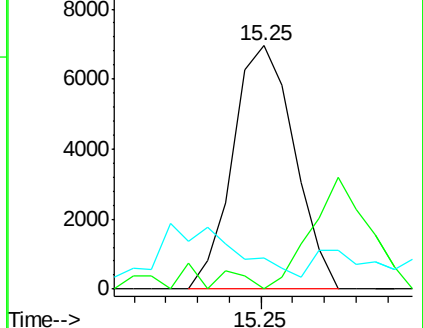
77 13.0 25.2 37.8#

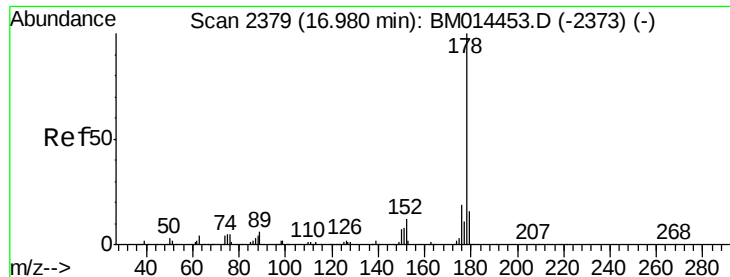


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM





#69

Phenanthrene

Concen: 63.067 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

ClientSampleId :

BE5T7

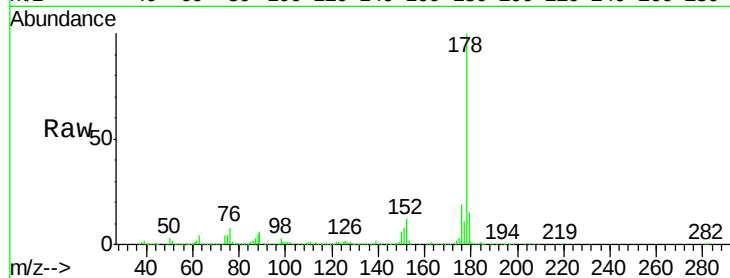
Tot Ion:178 Resp: 2000004

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

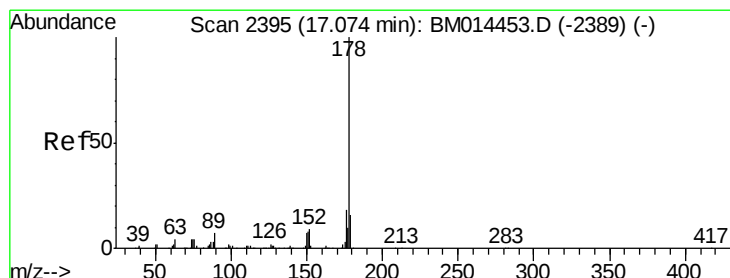
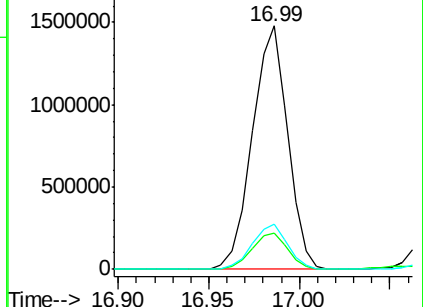
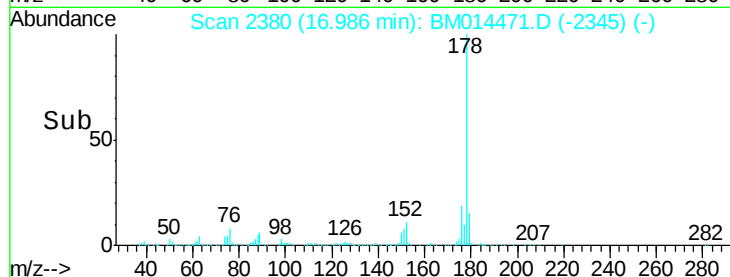
176 18.7 14.9 22.3



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: 12.205 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

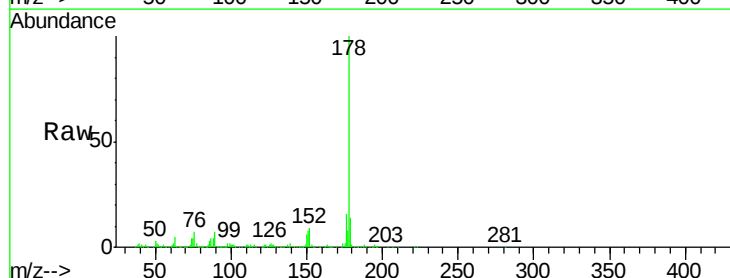
Tgt Ion:178 Resp: 389251

Ion Ratio Lower Upper

178 100

179 14.3 11.7 17.5

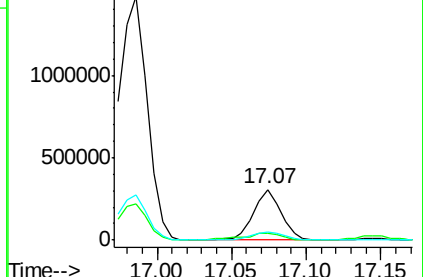
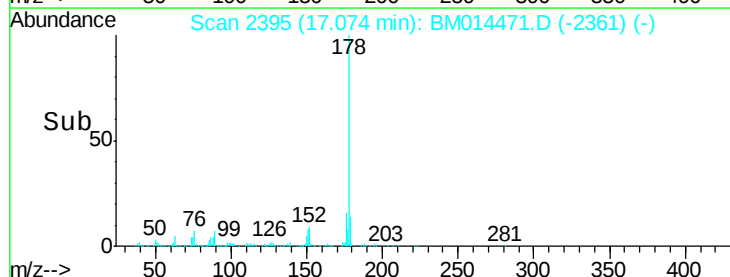
176 16.0 14.6 21.8

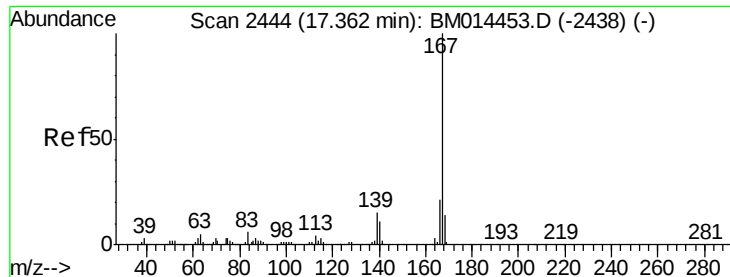


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

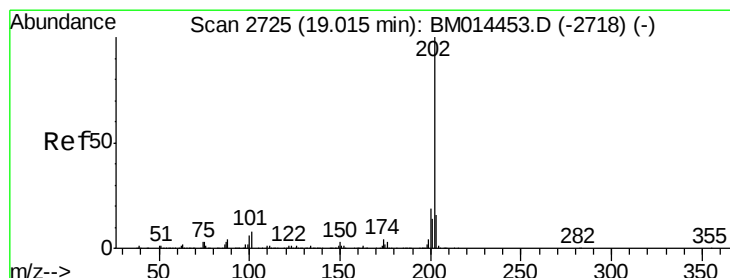
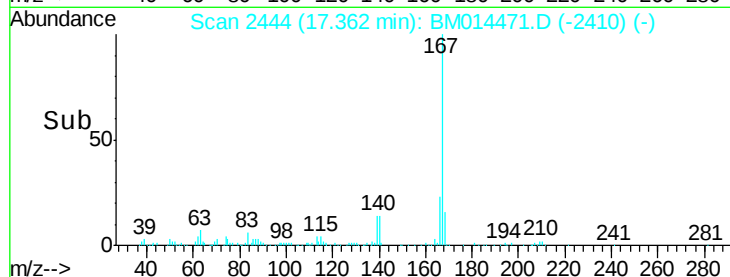
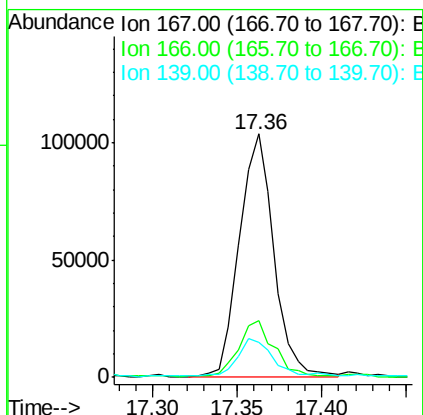
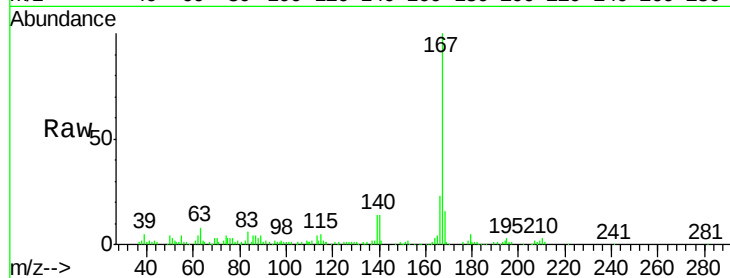




#72
 Carbazole
 Concen: 5.533 ng/ul
 RT: 17.36 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

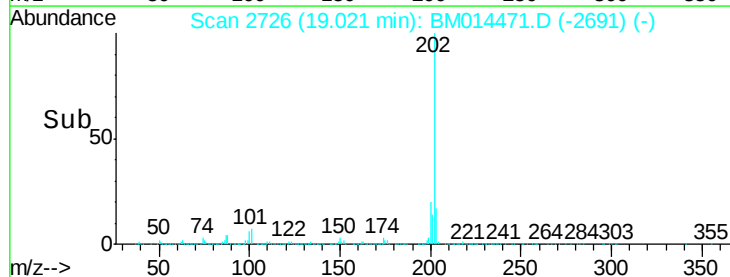
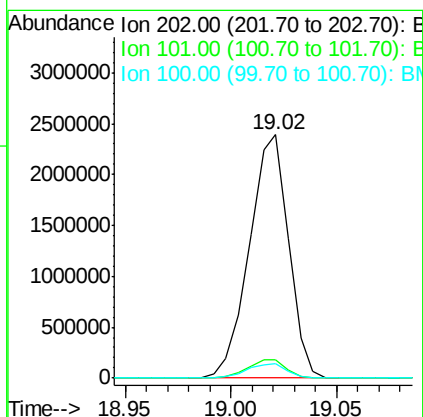
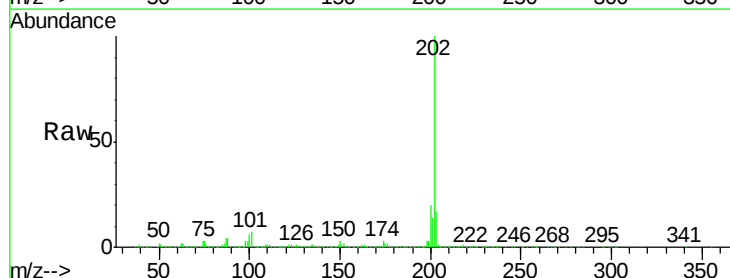
Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

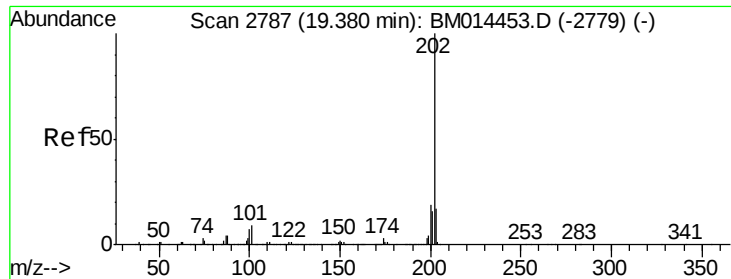
Tot Ion:167 Resp: 148371
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.1 25.7
 139 14.3 10.0 15.0



#74
 Fluoranthene
 Concen: 81.383 ng/ul
 RT: 19.02 min Scan# 2726
 Delta R.T. 0.01 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Tgt Ion:202 Resp: 3083438
 Ion Ratio Lower Upper
 202 100
 101 7.3 4.6 7.0#
 100 6.2 3.4 5.2#

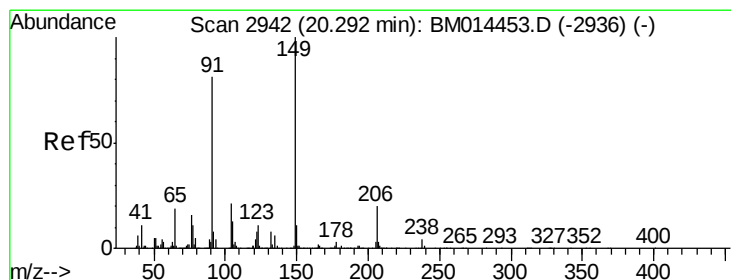
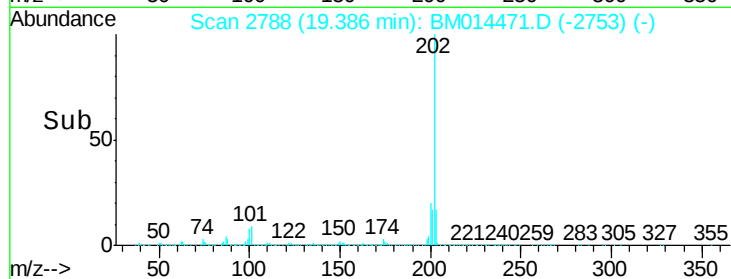
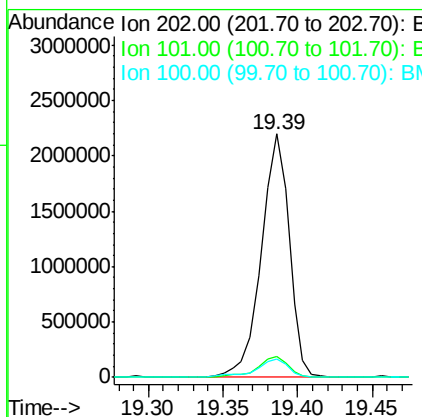
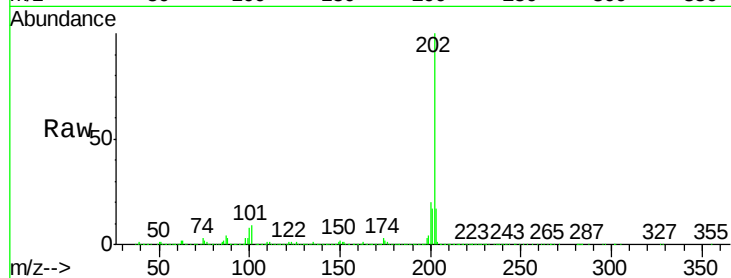




#77
 Pvrene
 Concen: 103.845 ng/ul
 RT: 19.39 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

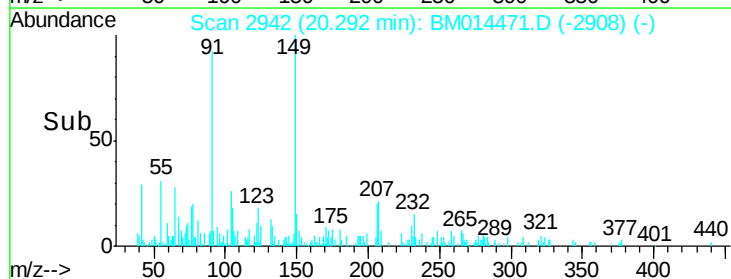
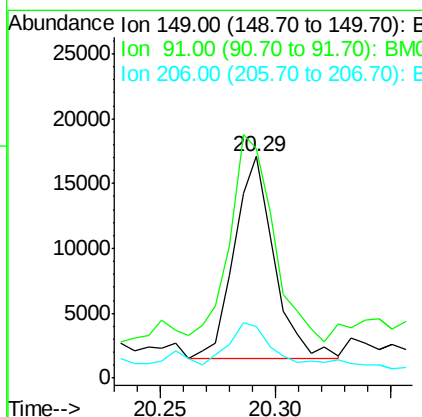
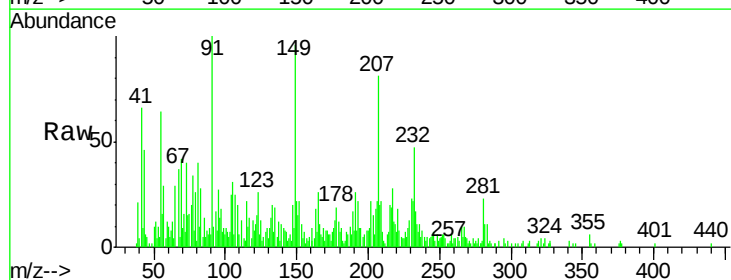
Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

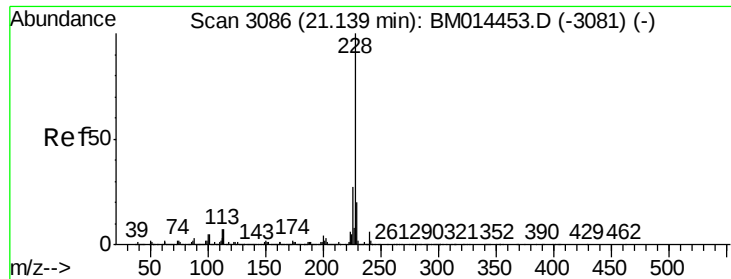
Tot Ion:202 Resp: 2835263
 Ion Ratio Lower Upper
 202 100
 101 8.7 5.1 7.7#
 100 7.7 4.9 7.3#



#78
 Butylbenzylphthalate
 Concen: 1.660 ng/ul
 RT: 20.29 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Tgt Ion:149 Resp: 18742
 Ion Ratio Lower Upper
 149 100
 91 103.7 62.7 94.1#
 206 23.0 20.8 31.2





#80

Benzo(a)anthracene

Concen: 46.023 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

ClientSampleId :

BE5T7

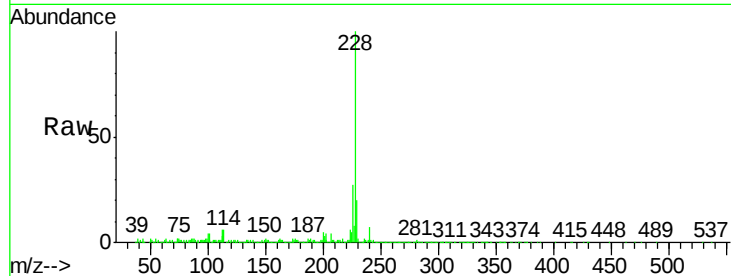
Tot Ion:228 Resp: 1180038

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

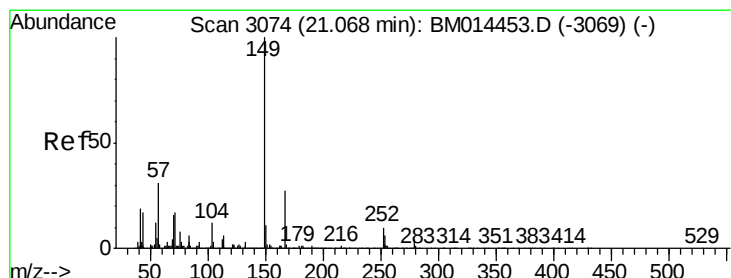
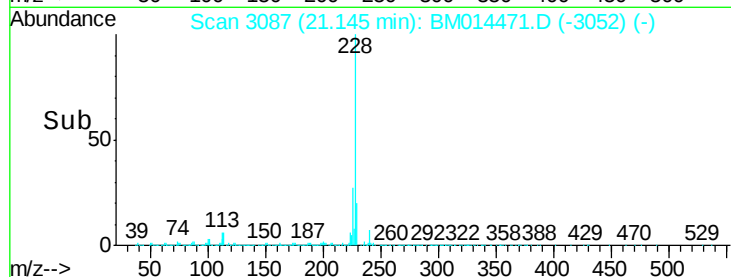
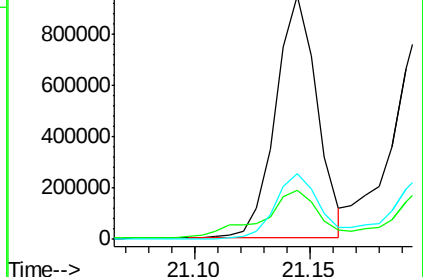
226 26.8 21.4 32.0



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: 1.009 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.08 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

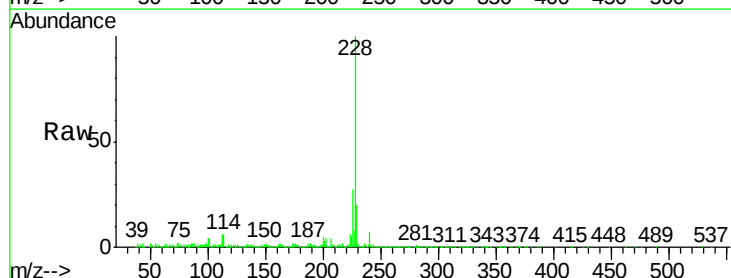
Tgt Ion:149 Resp: 16319

Ion Ratio Lower Upper

149 100

167 26.8 22.8 34.2

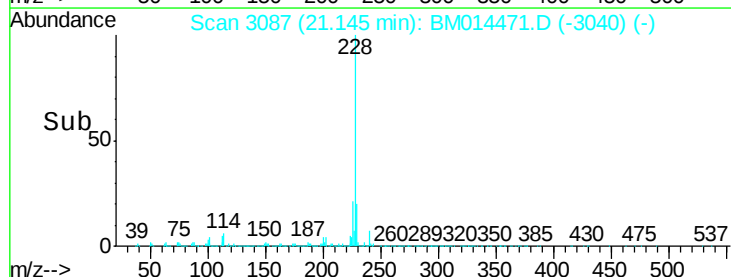
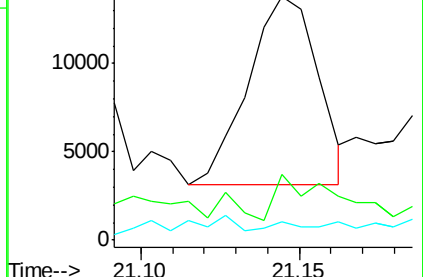
279 7.3 4.9 7.3

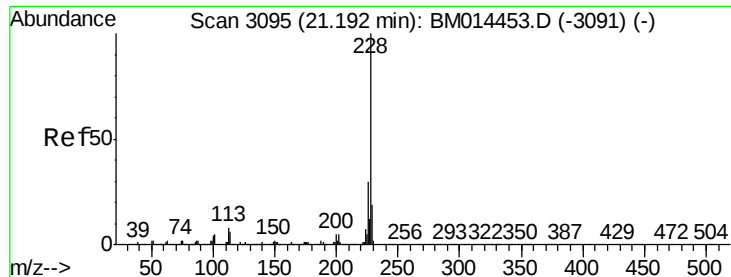


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 46.616 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

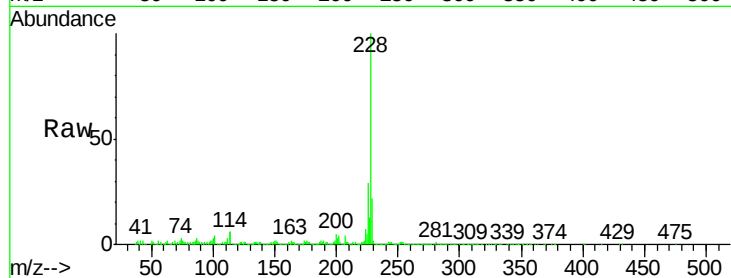
BNA_M

ClientSampleId :

BE5T7

Tot Ion:228 Resp: 1114999

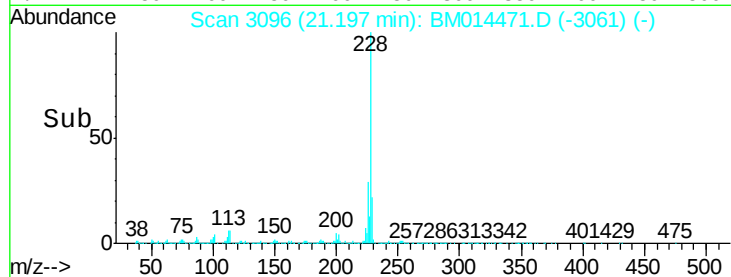
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	22.4	15.5	23.3



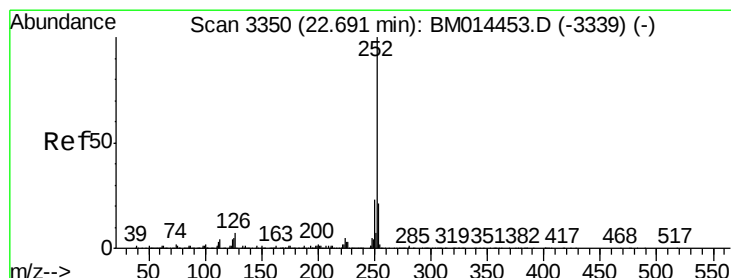
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 46.821 ng/ul

RT: 22.70 min Scan# 3351

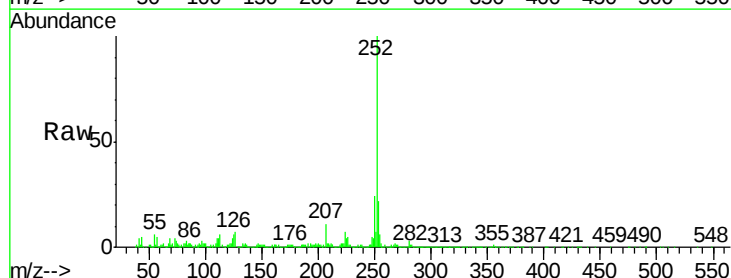
Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Tgt Ion:252 Resp: 1198350

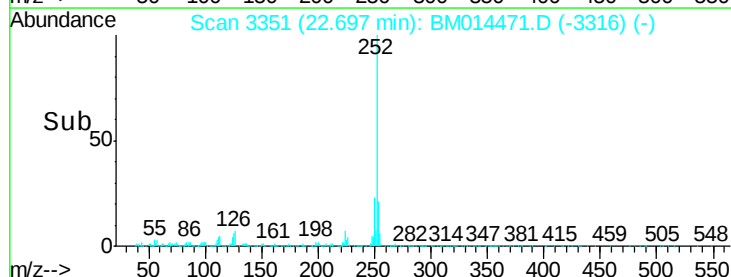
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	6.2	3.6	5.4#



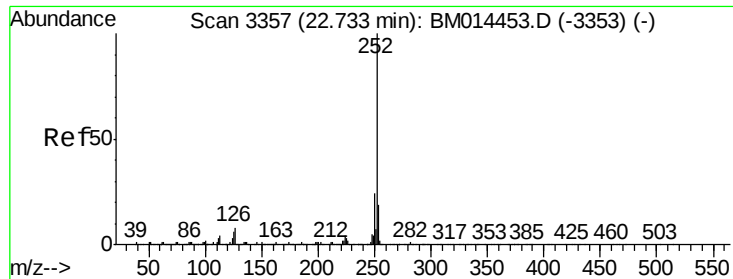
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



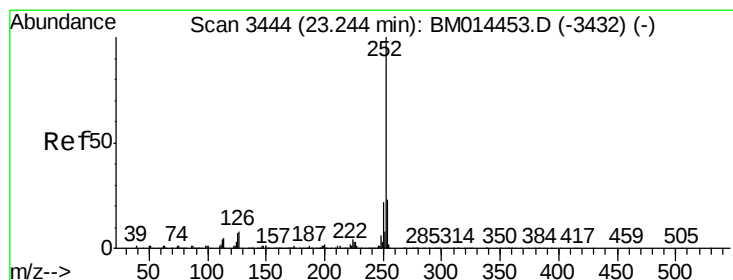
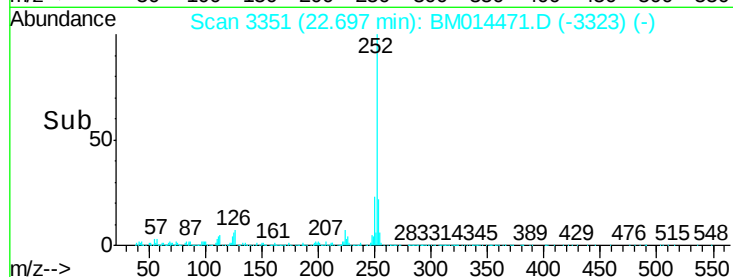
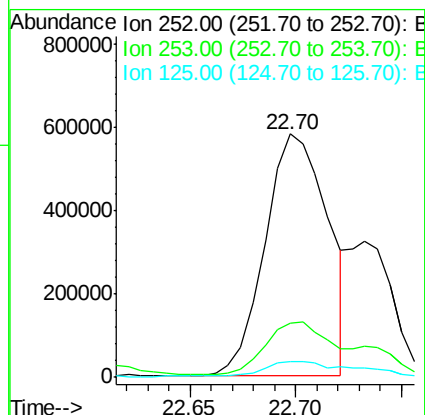
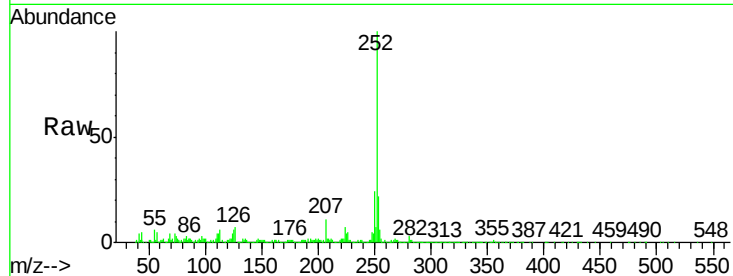
Time-->



#86
Benzo(k)fluoranthene
Concen: 49.246 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. -0.04 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

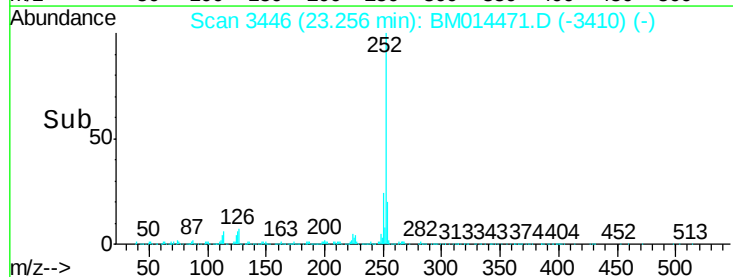
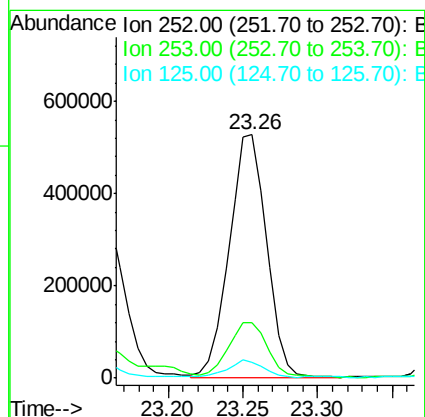
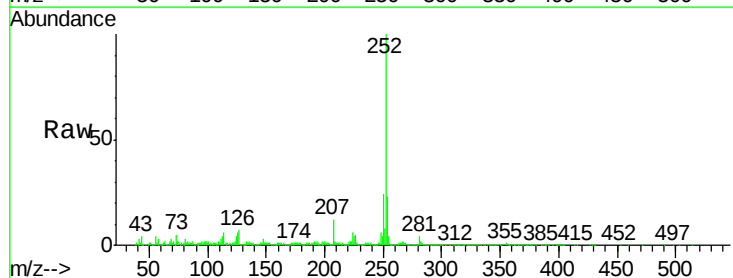
Instrument :
BNA_M
ClientSampleId :
BE5T7

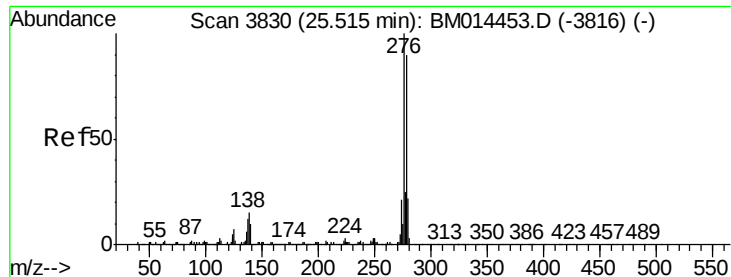
Tot Ion:252 Resp: 1198350
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.2 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 40.007 ng/ul
RT: 23.26 min Scan# 3446
Delta R.T. 0.01 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Tgt Ion:252 Resp: 915013
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 6.4 4.0 6.0#



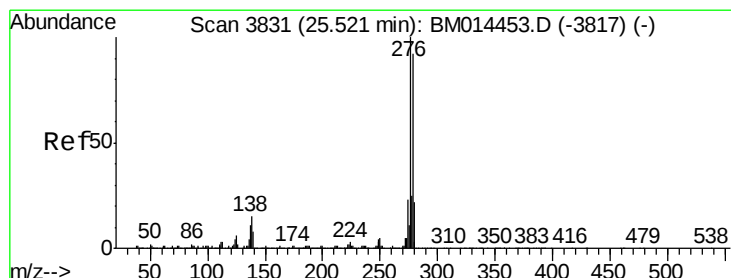
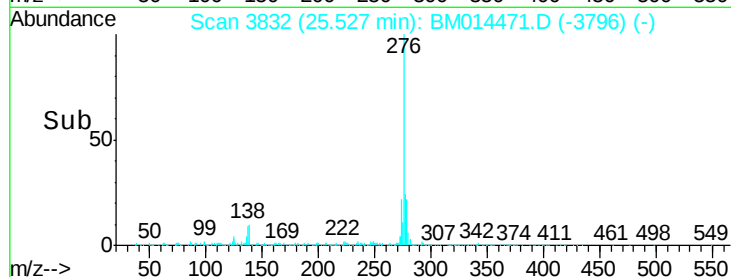
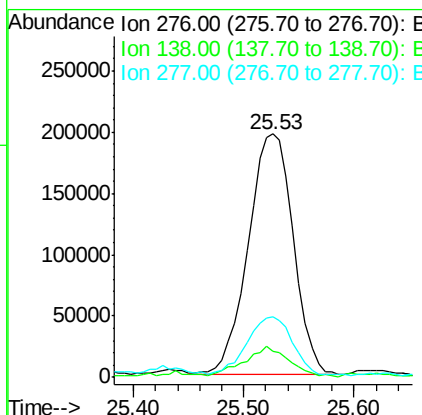
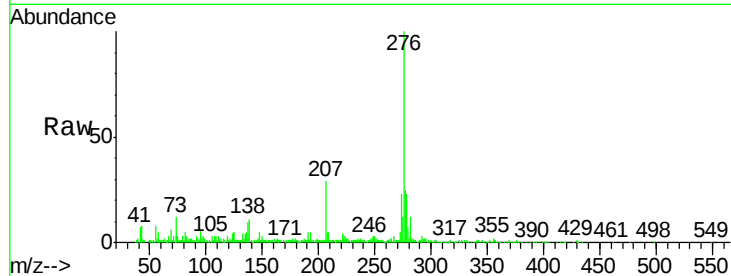


#89

Indeno(1,2,3-cd)pyrene
Concen: 25.117 ng/ul
RT: 25.53 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Instrument :
BNA_M
ClientSampleId :
BE5T7

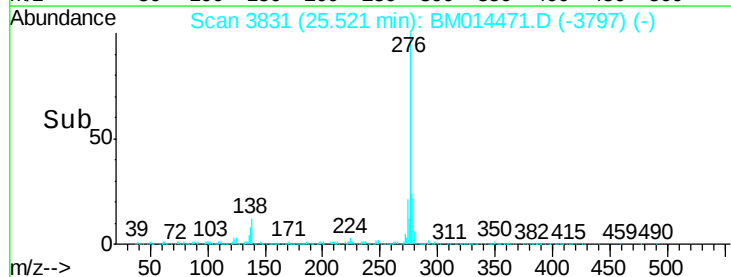
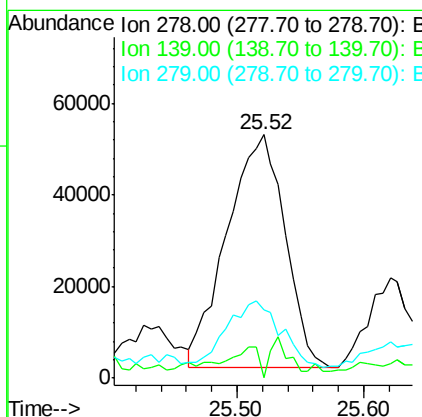
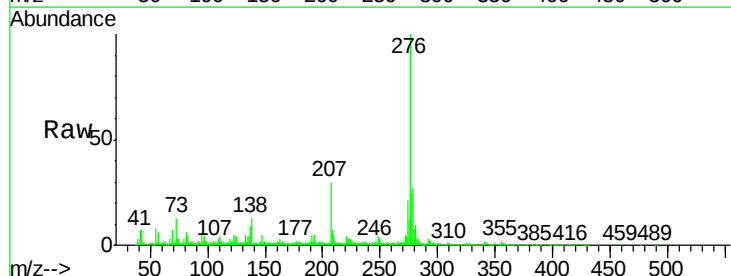
Tot Ion:276 Resp: 557431
Ion Ratio Lower Upper
276 100
138 10.8 9.3 13.9
277 25.0 19.9 29.9

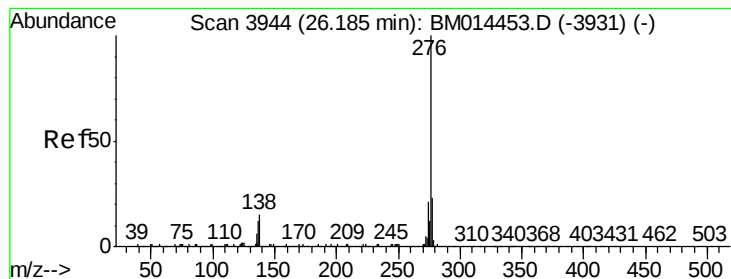


#90

Dibenzo(a,h)anthracene
Concen: 8.773 ng/ul
RT: 25.52 min Scan# 3831
Delta R.T. 0.00 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Tgt Ion:278 Resp: 161781
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.8#
279 28.2 18.6 27.8#





#91

Benzo(a,h,i)perylene

Concen: 25.423 ng/ul

RT: 26.19 min Scan# 3945

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

ClientSampleId :

BE5T7

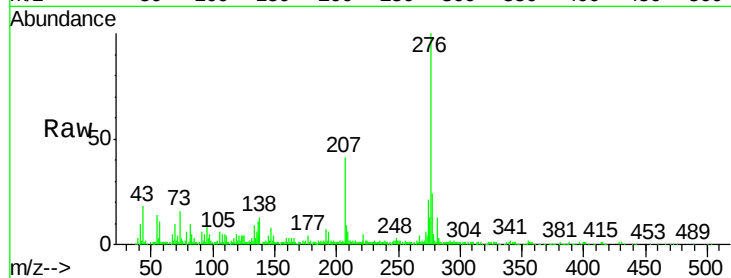
Tot Ion:276 Resp: 457077

Ion Ratio Lower Upper

276 100

138 12.5 8.5 12.7

277 24.2 18.6 28.0



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

