

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014824.D
 Acq On : 24 Apr 2018 23:52
 Operator : SJ/JU
 Sample : J2431-07DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 25 02:09:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	522674	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2275738	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1273477	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2806571	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	2930081	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2703771	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	3453	0.29	ng/uL	0.02
5) Phenol-d5	7.65	99	42823	1.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	34710	1.34	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	35332	1.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	33784	1.05	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	17079	1.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	14505	0.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	30681	0.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	44804	1.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	117429	1.18	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	110910	0.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	8155	0.44	ng/ul	0.00
57) Fluorene-d10	16.10	176	111293	1.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	6226	0.41	ng/ul	0.00
70) Anthracene-d10	17.93	188	151076	1.16	ng/ul	0.00
76) Pyrene-d10	20.17	212	173887	1.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	164430	1.24	ng/ul	0.00

Target Compounds

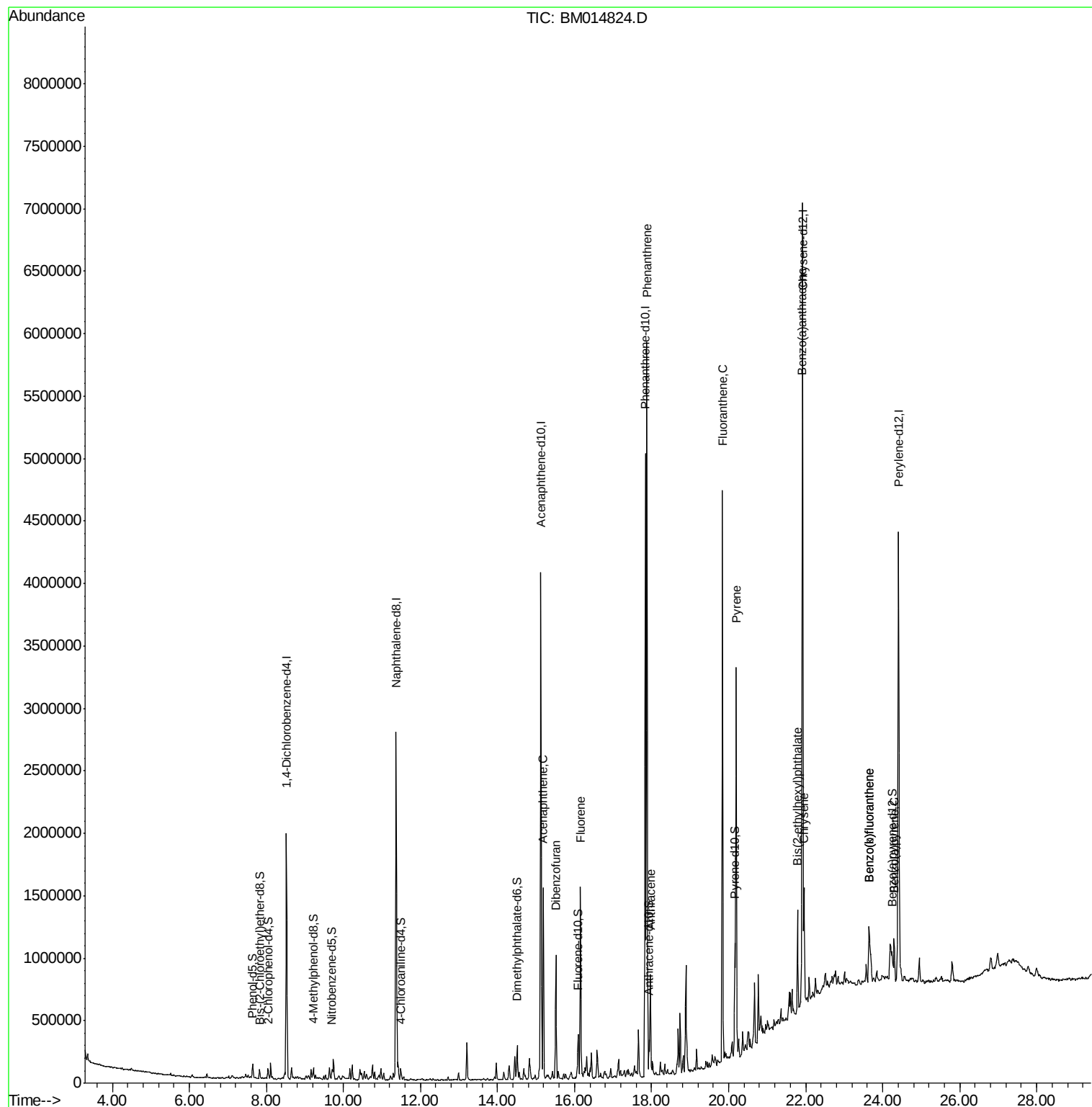
					Ovalue	
49) Acenaphthene	15.19	153	607244	7.185	ng/ul	100
53) Dibenzofuran	15.52	168	602406	5.133	ng/ul	100
58) Fluorene	16.16	166	645225	6.808	ng/ul	98
69) Phenanthrene	17.88	178	3392863	22.510	ng/ul	99
71) Anthracene	17.97	178	466532	3.050	ng/ul	98
74) Fluoranthene	19.84	202	2561242	15.586	ng/ul#	83
77) Pyrene	20.20	202	1790335	10.458	ng/ul#	80
80) Benzo(a)anthracene	21.91	228	611700	3.570	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.79	149	252216	2.460	ng/ul#	95
82) Chrysene	21.96	228	483950	3.017	ng/ul	97
85) Benzo(b)fluoranthene	23.65	252	460668	2.890	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	460668	3.006	ng/ul#	96
88) Benzo(a)pyrene	24.30	252	257586	1.704	ng/ul#	94

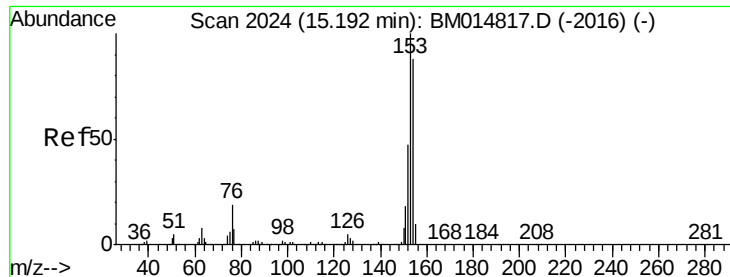
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration





#49

Acenaphthene

Concen: 7.185 ng/ul

RT: 15.19 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

Instrument :

BNA_M

ClientSampleId :

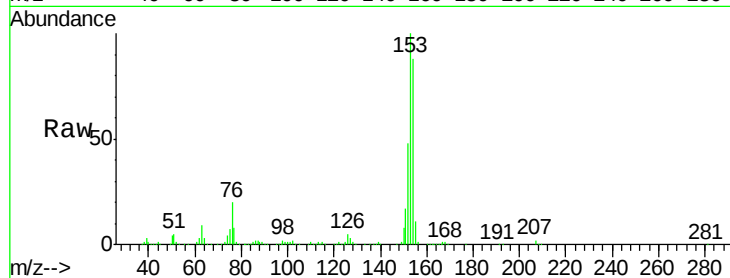
Tot Ion:153 Resp: 607244

Ion Ratio Lower Upper

153 100

152 47.5 37.6 56.4

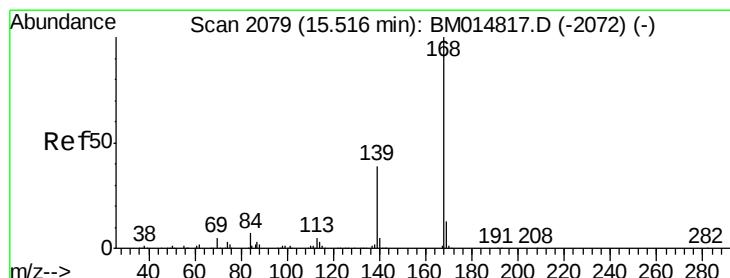
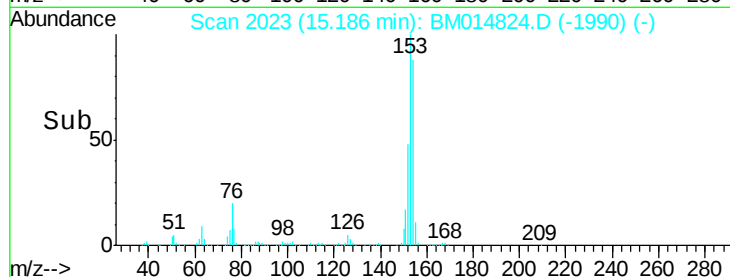
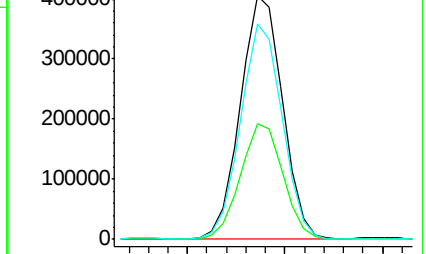
154 88.3 70.4 105.6



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: 5.133 ng/ul

RT: 15.52 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BM014824.D

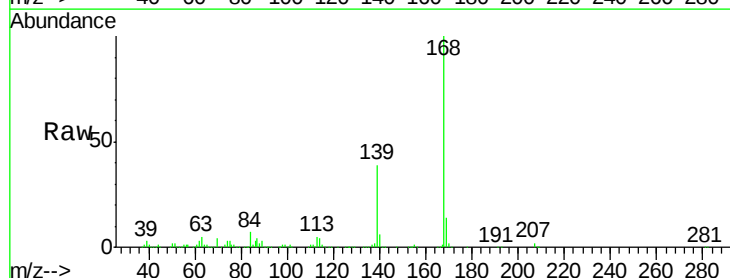
Acq: 24 Apr 2018 23:52

Tgt Ion:168 Resp: 602406

Ion Ratio Lower Upper

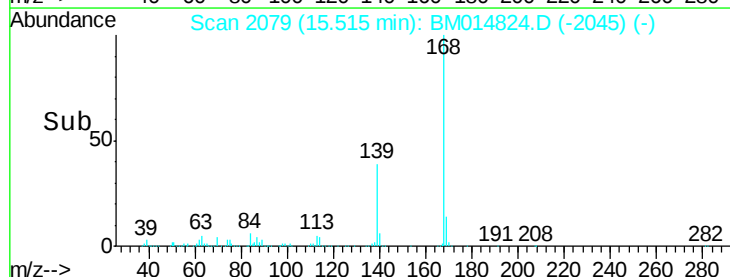
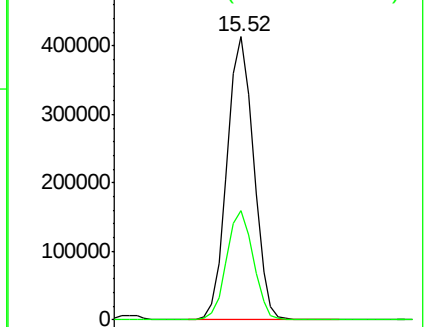
168 100

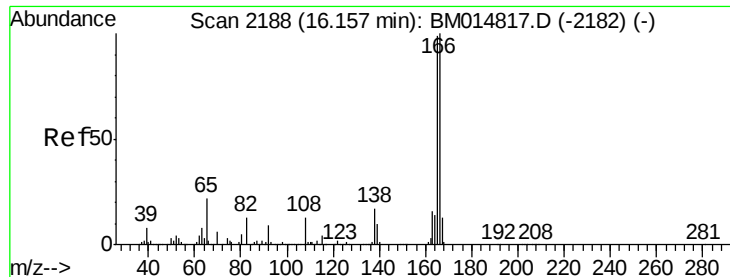
139 38.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 6.808 ng/ul

RT: 16.16 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

Instrument :

BNA_M

ClientSampleId :

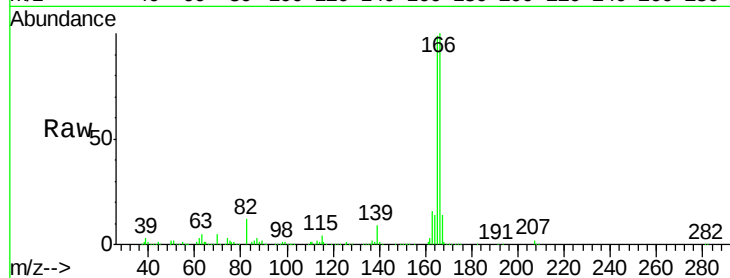
Tot Ion:166 Resp: 645225

Ion Ratio Lower Upper

166 100

165 99.1 77.9 116.9

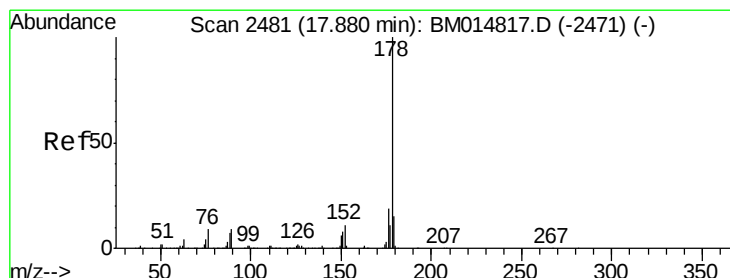
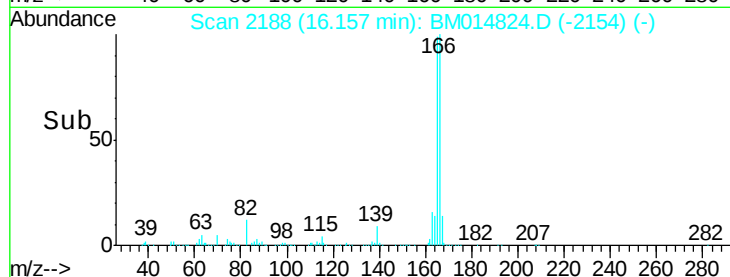
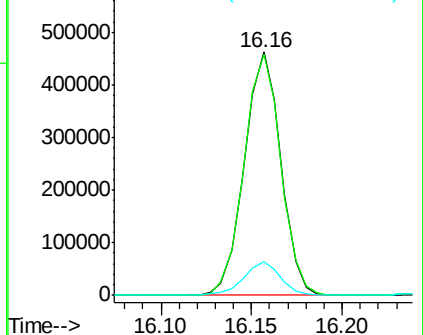
167 13.6 10.6 16.0



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



#69

Phenanthrene

Concen: 22.510 ng/ul

RT: 17.88 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

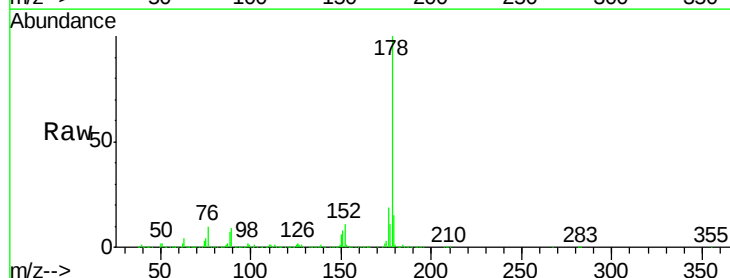
Tgt Ion:178 Resp: 3392863

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

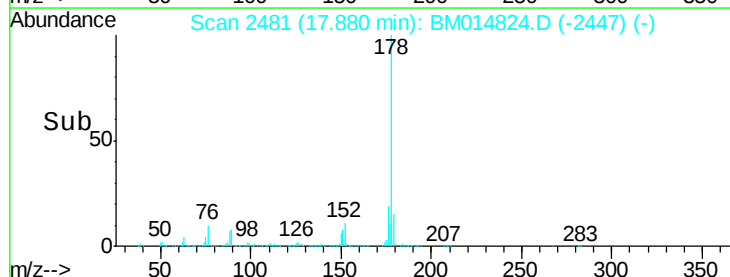
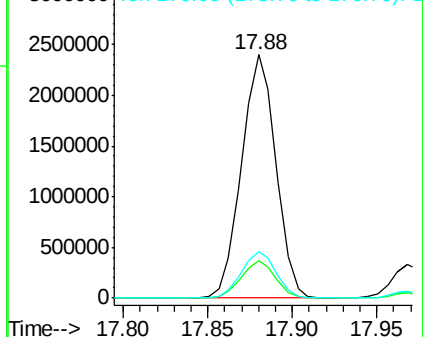
176 19.2 14.9 22.3

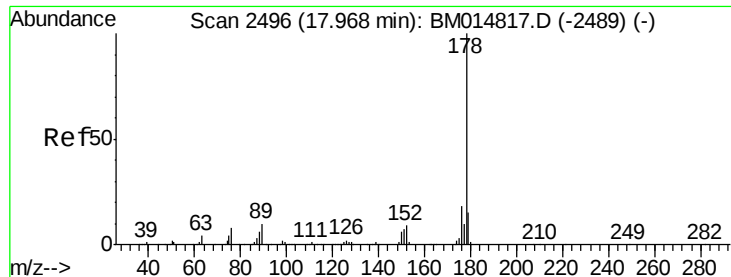


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

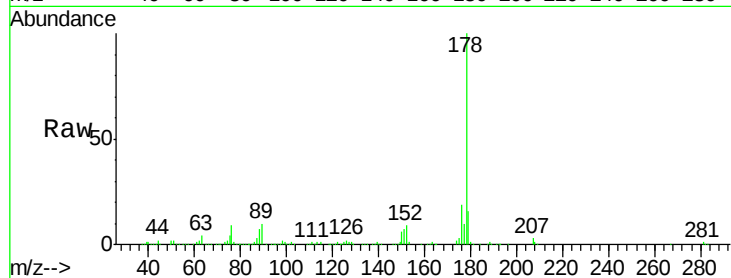




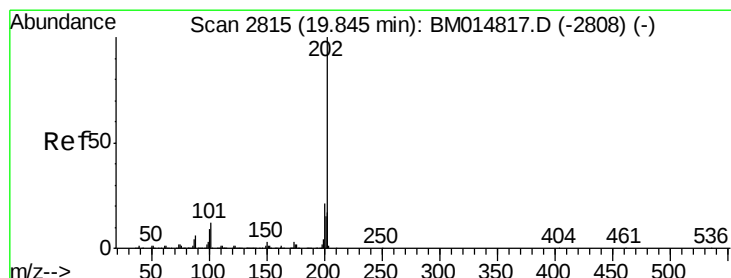
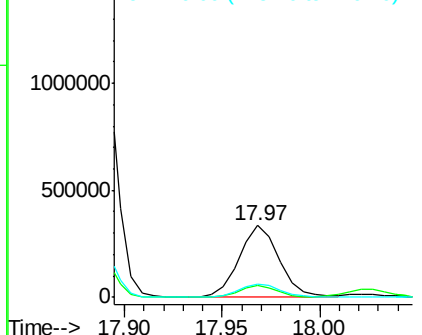
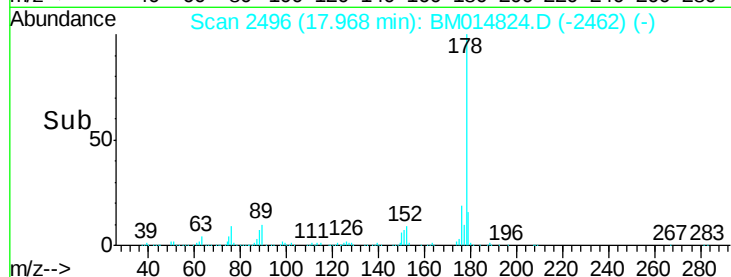
#71
 Anthracene
 Concen: 3.050 ng/ul
 RT: 17.97 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BM014824.D
 Acq: 24 Apr 2018 23:52

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:178 Resp: 466532
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.7 17.5
 176 18.9 14.6 21.8

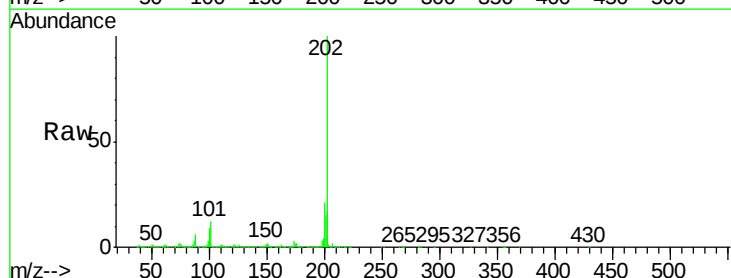


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

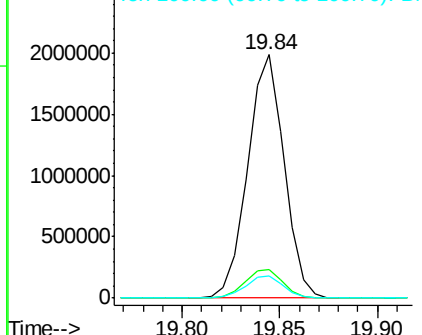
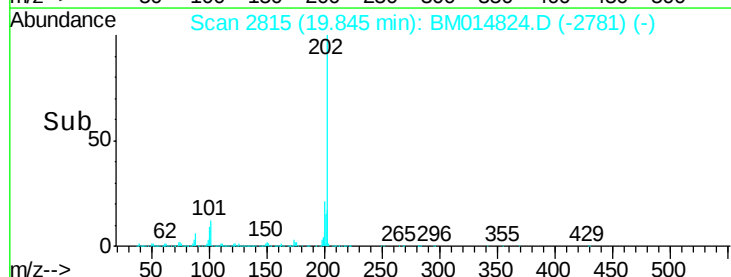


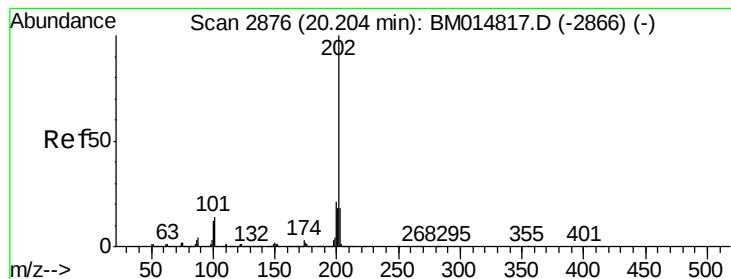
#74
 Fluoranthene
 Concen: 15.586 ng/ul
 RT: 19.84 min Scan# 2815
 Delta R.T. -0.00 min
 Lab File: BM014824.D
 Acq: 24 Apr 2018 23:52

Tgt Ion:202 Resp: 2561242
 Ion Ratio Lower Upper
 202 100
 101 11.9 4.6 7.0#
 100 9.1 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

Pvrene

Concen: 10.458 ng/ul

RT: 20.20 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

Instrument :

BNA_M

ClientSampleId :

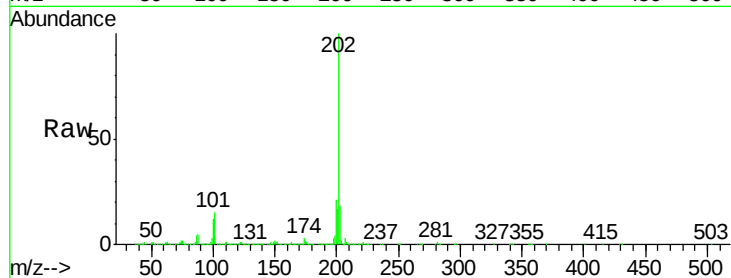
Tot Ion:202 Resp: 1790335

Ion Ratio Lower Upper

202 100

101 14.6 5.1 7.7#

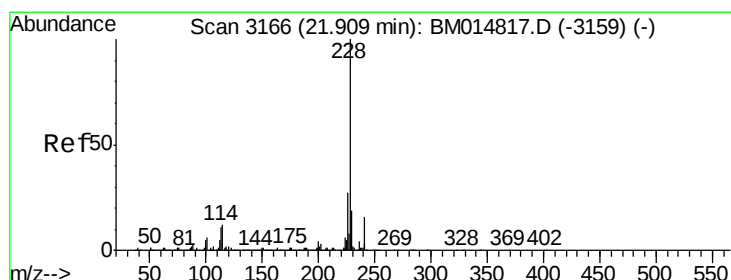
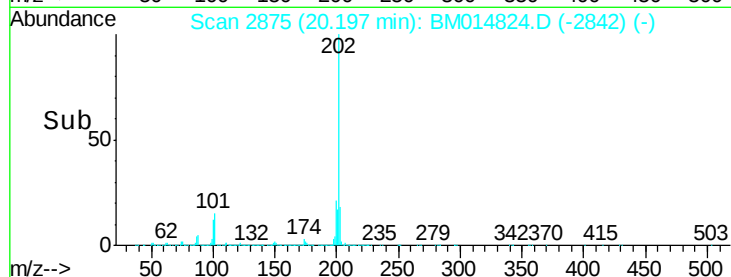
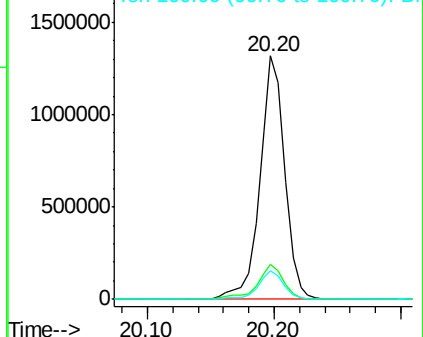
100 11.8 4.9 7.3#



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: 3.570 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

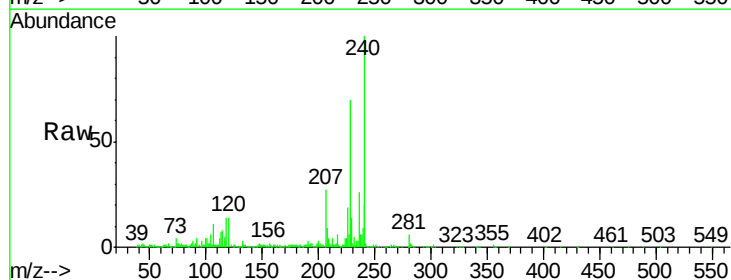
Tgt Ion:228 Resp: 611700

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

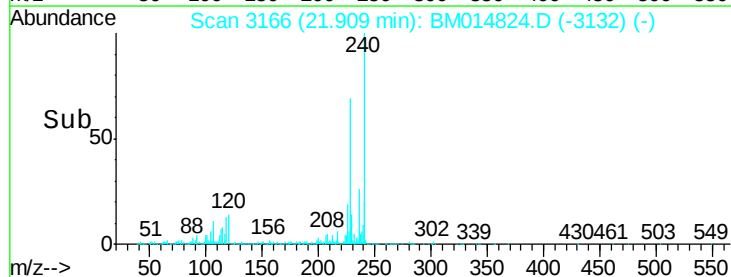
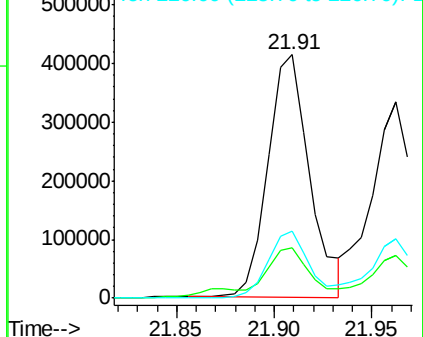
226 27.3 21.4 32.0

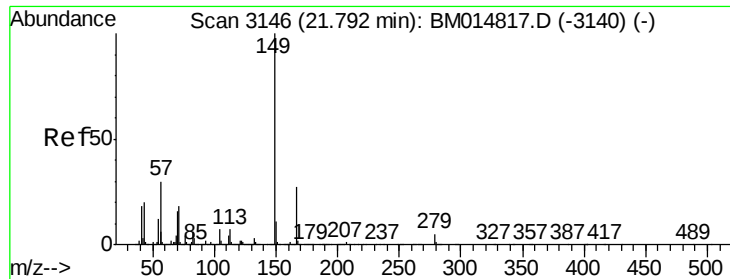


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 2.460 ng/ul

RT: 21.79 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

Instrument :

BNA_M

ClientSampleId :

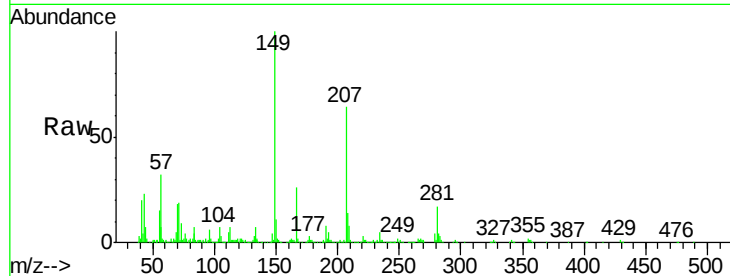
Tot Ion:149 Resp: 252216

Ion Ratio Lower Upper

149 100

167 25.6 22.8 34.2

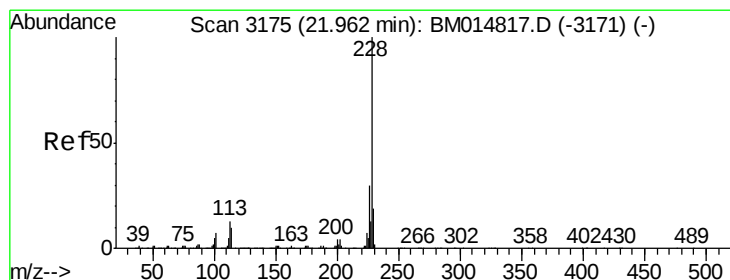
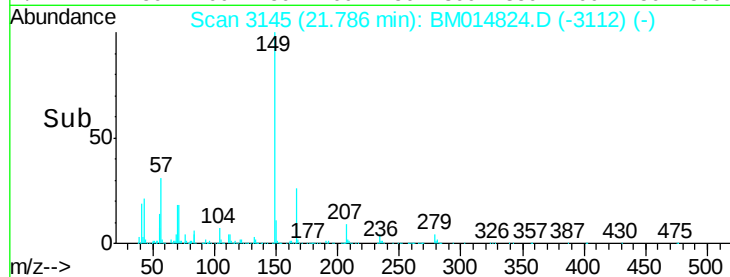
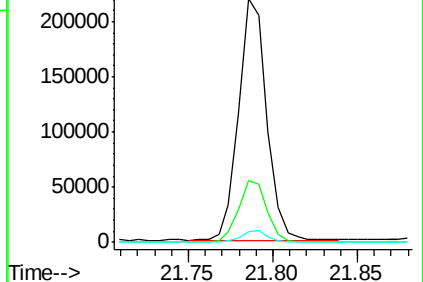
279 4.4 4.9 7.3#



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: 3.017 ng/ul

RT: 21.96 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

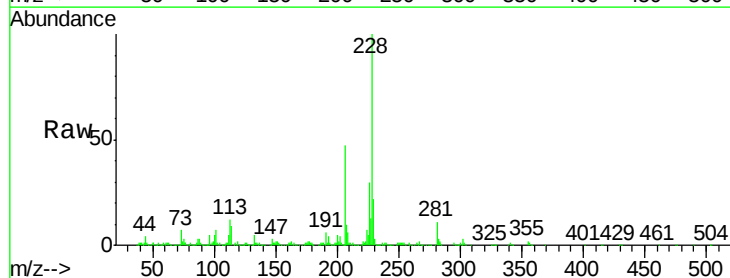
Tgt Ion:228 Resp: 483950

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

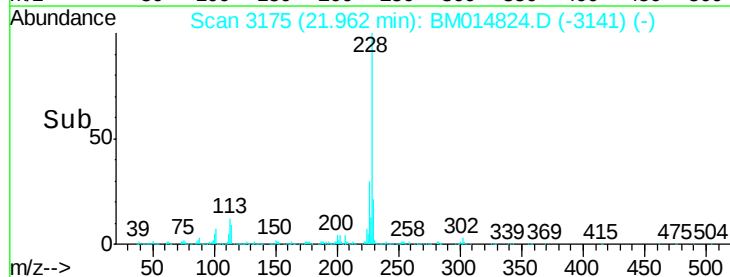
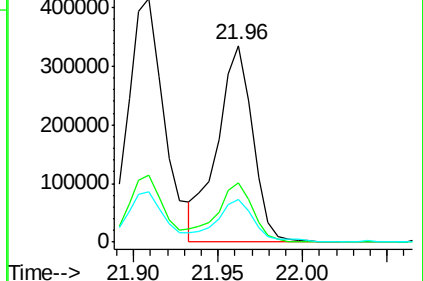
229 21.7 15.5 23.3

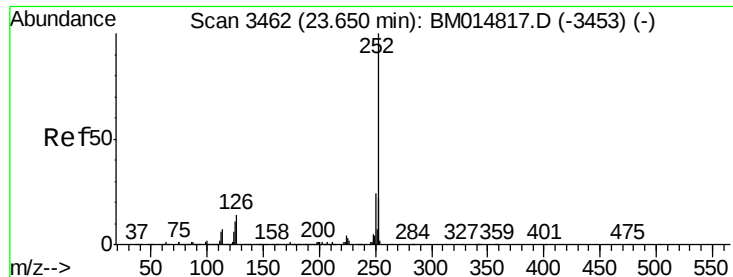


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.890 ng/u1

RT: 23.65 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM014824.D

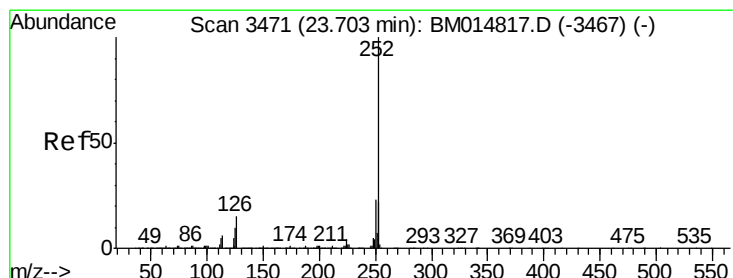
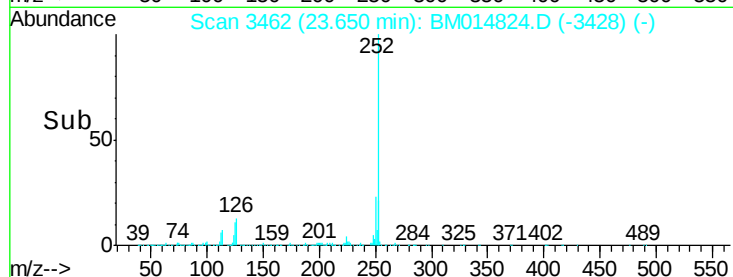
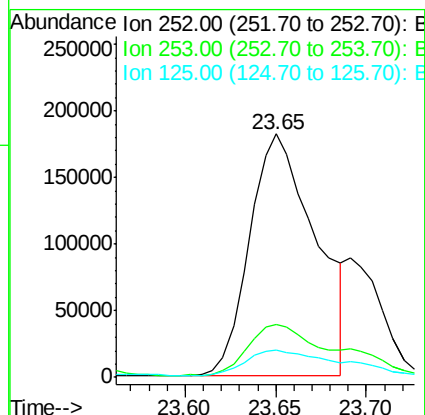
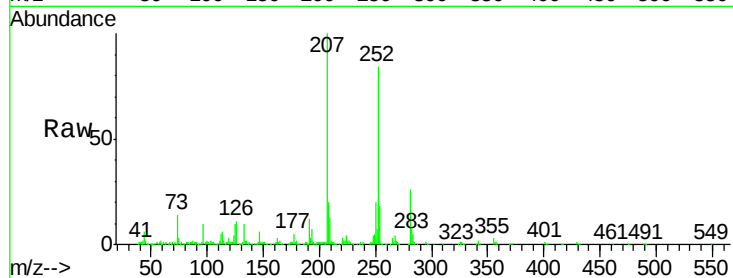
Acq: 24 Apr 2018 23:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	460668
Ion Ratio	Lower	Upper
252	100	
253	21.5	17.9 26.9
125	11.4	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 3.006 ng/u1

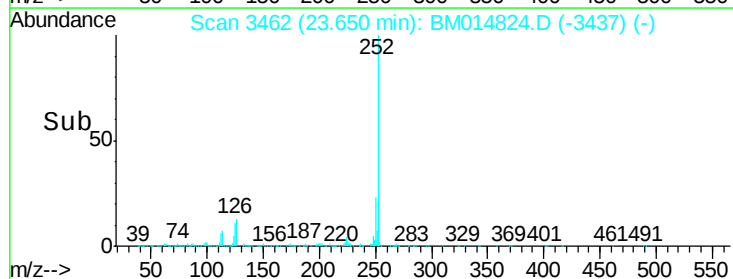
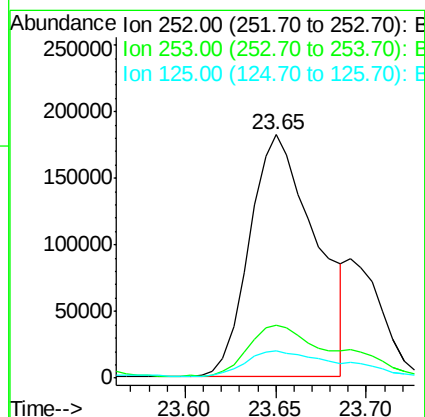
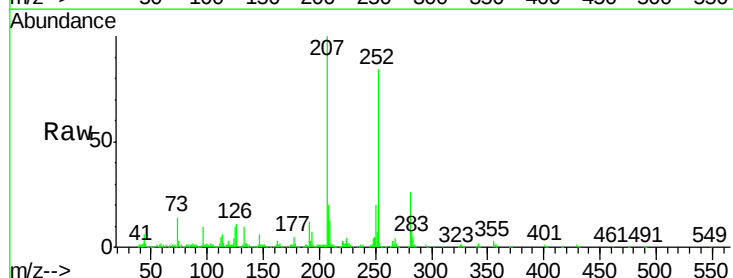
RT: 23.65 min Scan# 3462

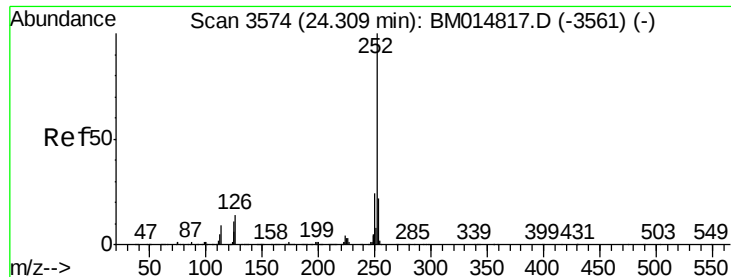
Delta R.T. -0.05 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

Tgt Ion:252	Resp:	460668
Ion Ratio	Lower	Upper
252	100	
253	21.5	17.1 25.7
125	11.4	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.704 ng/ul

RT: 24.30 min Scan# 3572

Delta R.T. -0.01 min

Lab File: BM014824.D

Acq: 24 Apr 2018 23:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 257586

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

125 13.2 4.0 6.0#

