

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
 Data File : BG018350.D
 Acq On : 10 Aug 2015 4:37
 Operator : UM/TP
 Sample : G3136-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02D0

Quant Time: Aug 10 05:45:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 02:20:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	142826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	700161	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	434255	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	881233	20.00	ng/ul	0.02
78) Chrysene-d12	21.71	240	746534	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	738656	20.00	ng/ul	0.05

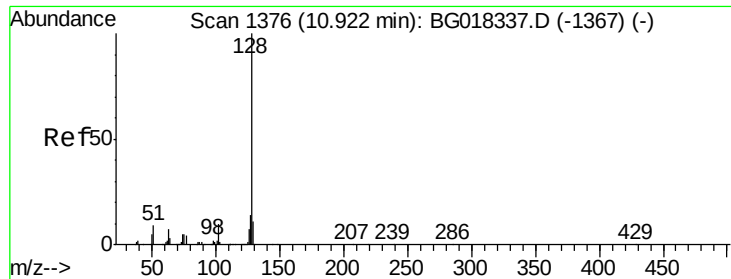
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4938	1.54	ng/uL	0.00
5) Phenol-d5	7.24	99	115942	9.03	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	72655	9.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	87492	8.85	ng/ul	0.02
13) 4-Methylphenol-d8	8.77	113	75264	6.96	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	45156	8.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	44986	8.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	86834	7.41	ng/ul	0.02
29) 4-Chloroaniline-d4	11.01	131	69087	5.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	280559	7.74	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	257307	5.67	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	18226	2.80	ng/ul	0.02
58) Fluorene-d10	15.68	176	172332	5.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	781	0.18	ng/ul	0.00
71) Anthracene-d10	17.54	188	212654	5.09	ng/ul	0.02
79) Pyrene-d10	19.82	212	178908	4.66	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.74	264	143769	3.69	ng/ul	0.04

Target Compounds

						Qvalue
28) Naphthalene	10.94	128	80645	2.21	ng/ul	98
45) Dimethylphthalate	14.14	163	160382	4.49	ng/ul	99
50) Acenaphthene	14.76	153	33524	1.05	ng/ul	95
70) Phenanthrene	17.48	178	235251	4.92	ng/ul	99
72) Anthracene	17.48	178	235251	4.83	ng/ul	100
77) Fluoranthene	19.49	202	372615	7.32	ng/ul	99
80) Pyrene	19.85	202	347141	6.96	ng/ul	99
83) Benzo(a)anthracene	21.69	228	181923	3.96	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.61	149	100869	3.36	ng/ul#	92
85) Chrysene	21.76	228	184489	4.29	ng/ul	95
88) Benzo(b)fluoranthene	23.93	252	269337	5.85	ng/ul#	90
89) Benzo(k)fluoranthene	24.00	252	85914	1.93	ng/ul#	74
91) Benzo(a)pyrene	24.81	252	190409	4.35	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.67	276	52629	1.04	ng/ul#	82
94) Benzo(g,h,i)perylene	29.83	276	91326	2.15	ng/ul#	92

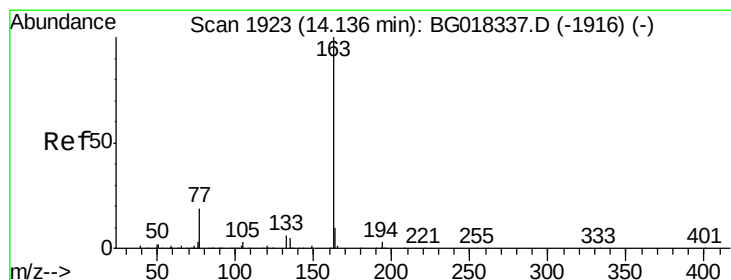
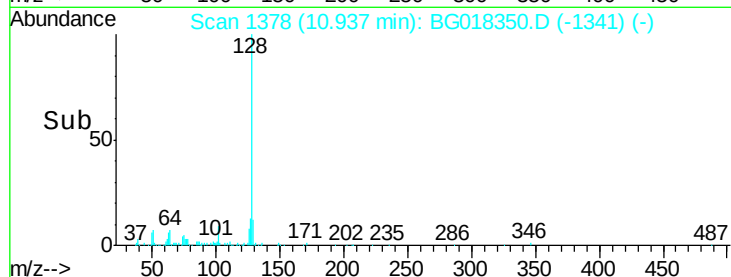
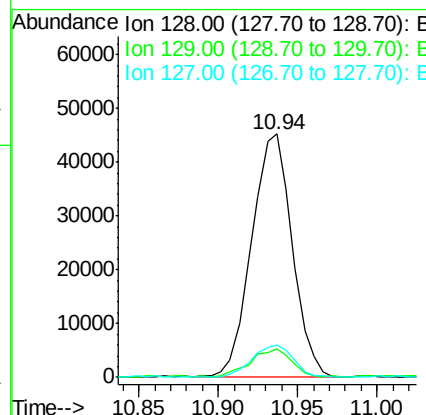
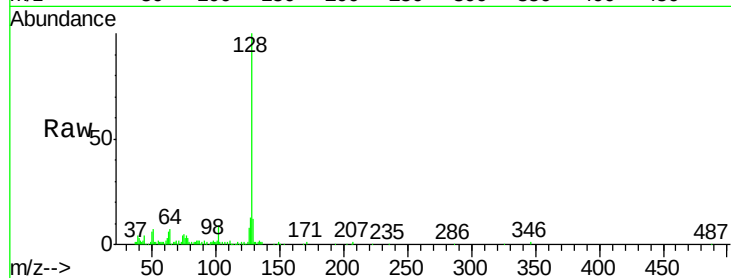
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#28
Naphthalene
Concen: 2.21 ng/ul
RT: 10.94 min Scan# 1378
Delta R.T. 0.02 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

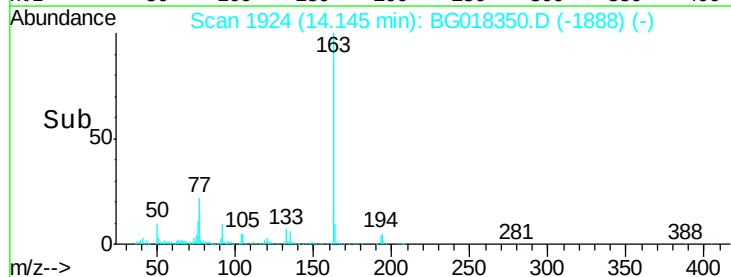
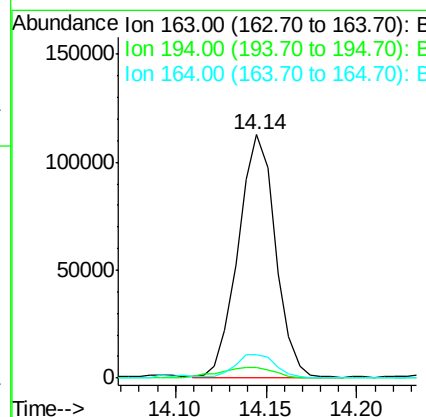
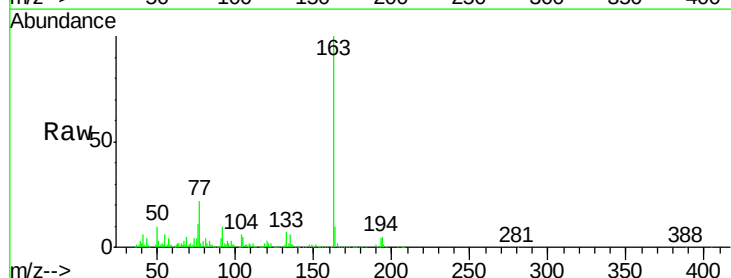
Instrument :
BNA_G
ClientSampleId :
C02D0

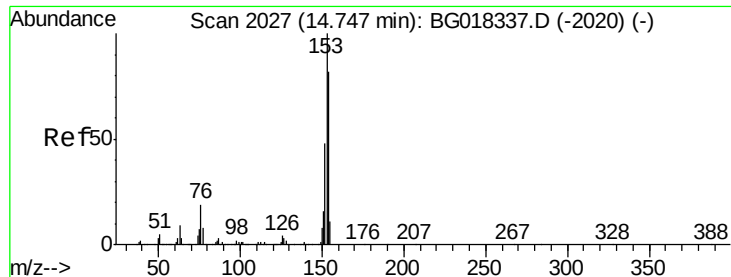
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.2	10.8	16.2



#45
Dimethylphthalate
Concen: 4.49 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.9	8.0	12.0





#50

Acenaphthene

Concen: 1.05 ng/ul

RT: 14.76 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

ClientSampleId :

C02D0

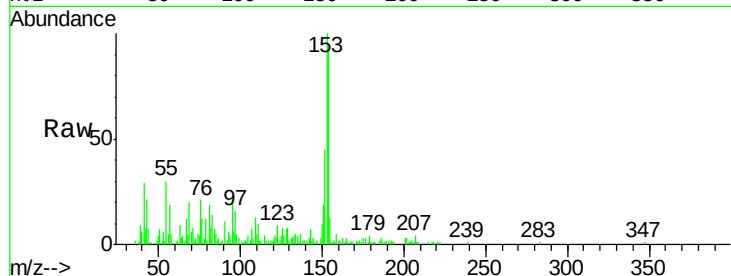
Tgt Ion:153 Resp: 33524

Ion Ratio Lower Upper

153 100

152 44.6 36.7 55.1

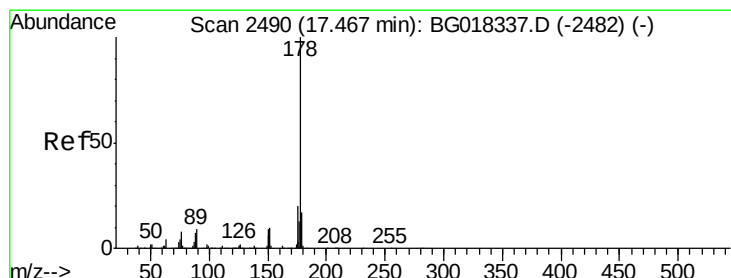
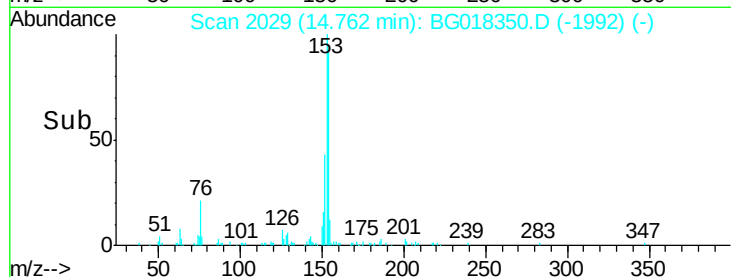
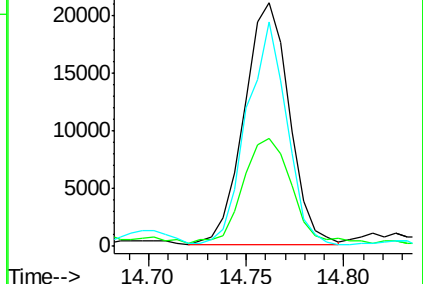
154 92.2 69.0 103.4



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



#70

Phenanthrene

Concen: 4.92 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. 0.02 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

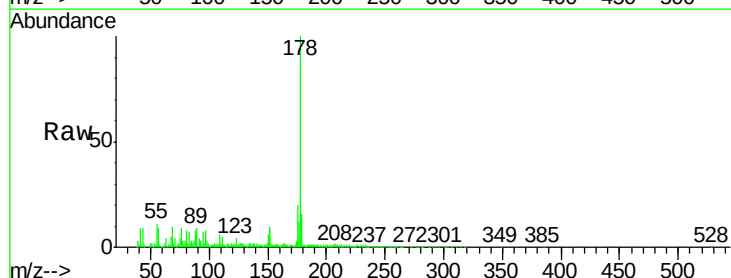
Tgt Ion:178 Resp: 235251

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

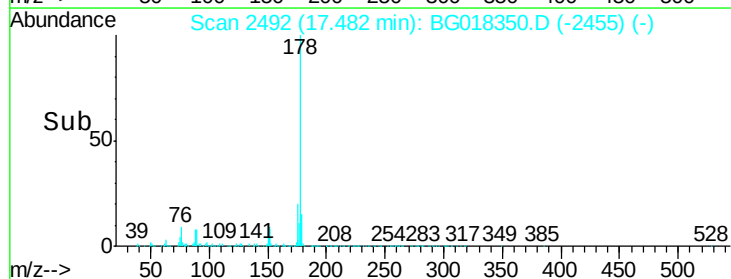
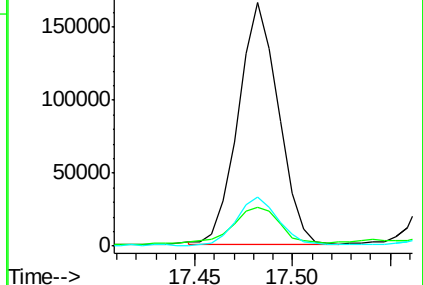
176 20.1 15.9 23.9

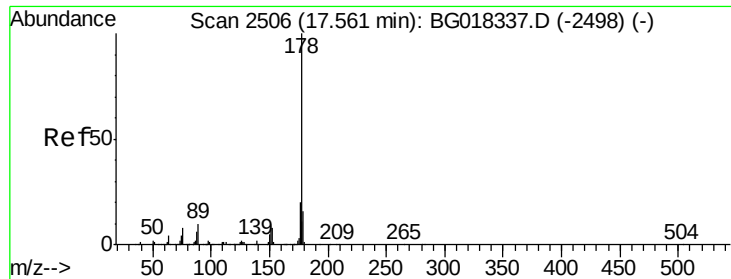


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.83 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.08 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

ClientSampleId :

C02D0

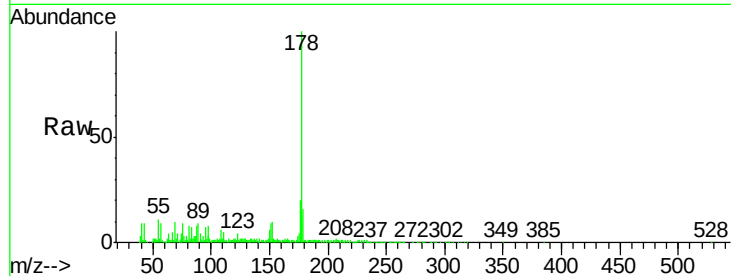
Tgt Ion:178 Resp: 235251

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

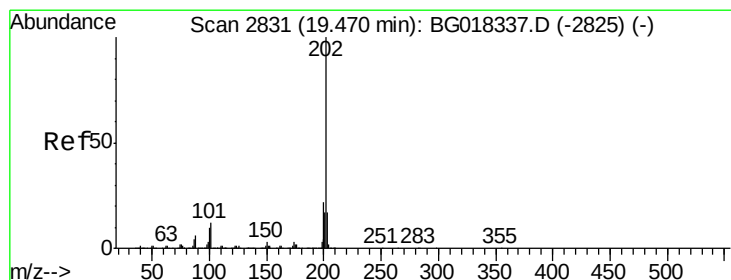
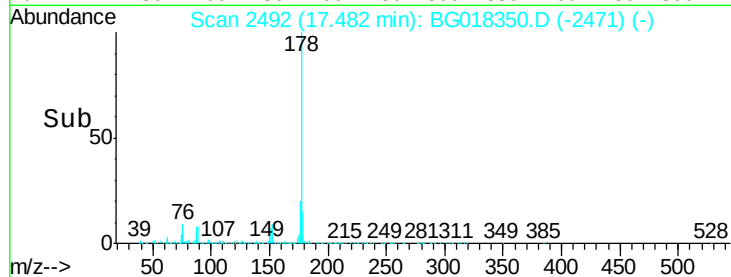
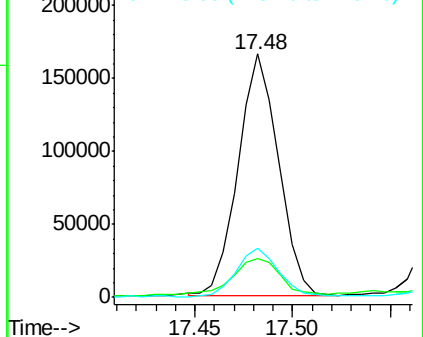
176 20.1 15.9 23.9



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



#77

Fluoranthene

Concen: 7.32 ng/ul

RT: 19.49 min Scan# 2833

Delta R.T. 0.02 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

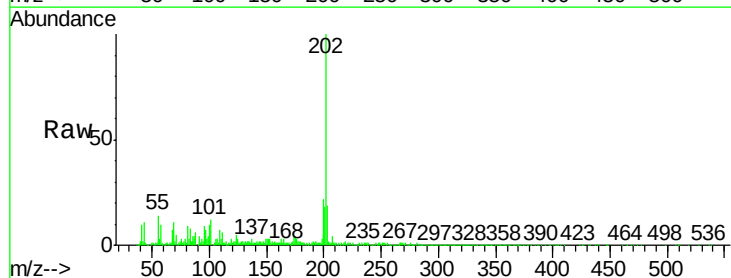
Tgt Ion:202 Resp: 372615

Ion Ratio Lower Upper

202 100

101 11.8 8.9 13.3

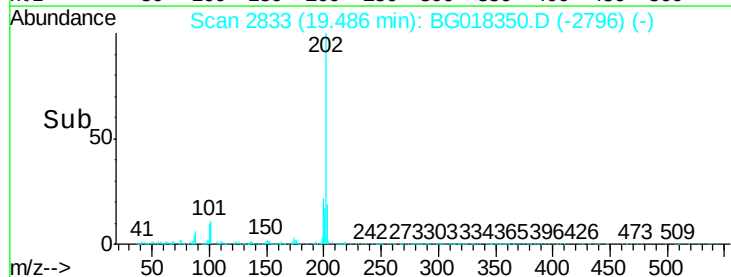
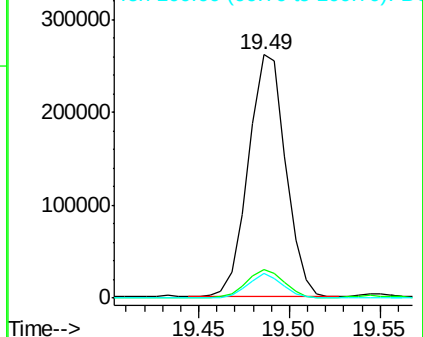
100 10.2 8.5 12.7

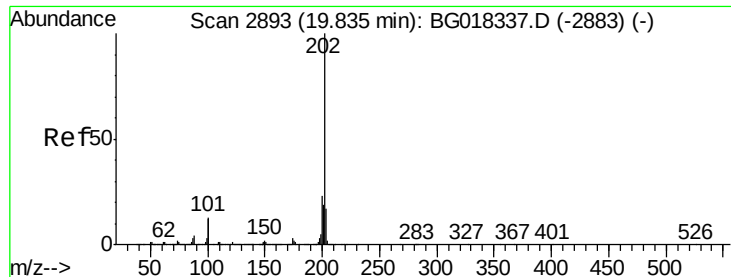


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 6.96 ng/ul

RT: 19.85 min Scan# 2895

Delta R.T. 0.02 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

ClientSampleId :

C02D0

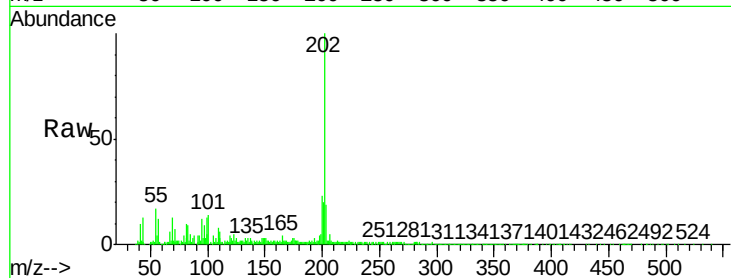
Tgt Ion:202 Resp: 347141

Ion Ratio Lower Upper

202 100

101 14.1 11.3 16.9

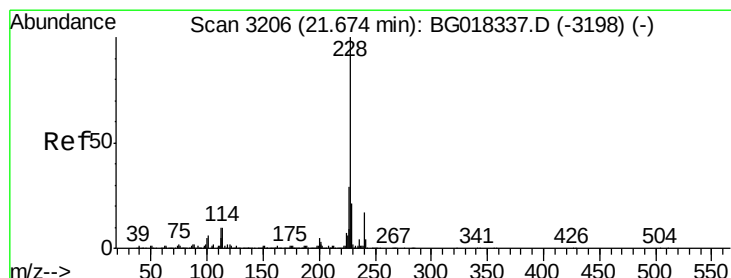
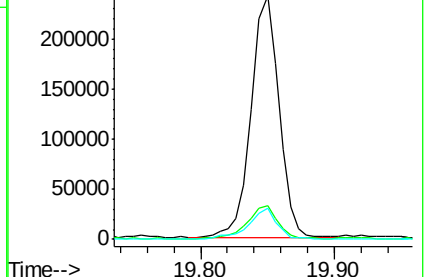
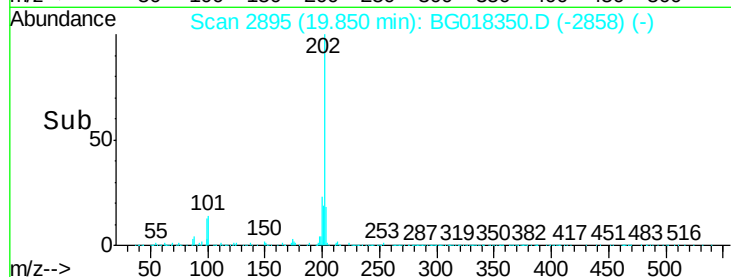
100 12.8 9.6 14.4



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): E



#83

Benzo(a)anthracene

Concen: 3.96 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. 0.02 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

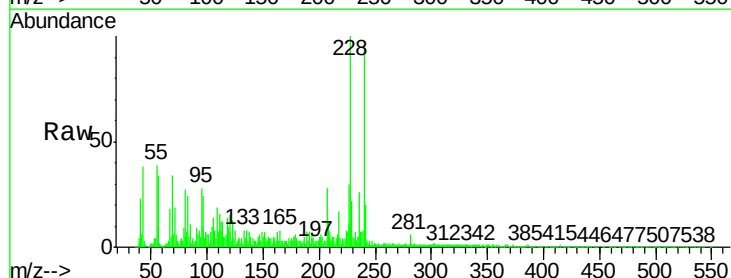
Tgt Ion:228 Resp: 181923

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.2

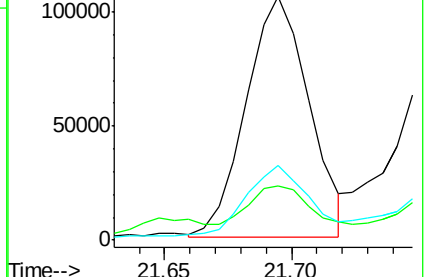
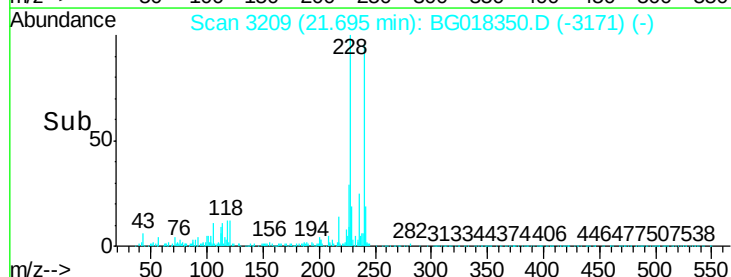
226 30.5 22.3 33.5

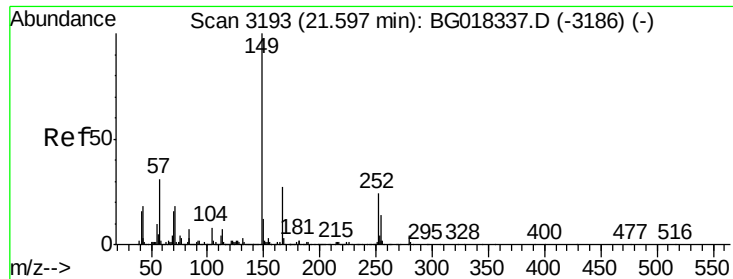


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.36 ng/ul

RT: 21.61 min Scan# 3194

Delta R.T. 0.01 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

ClientSampleId :

C02D0

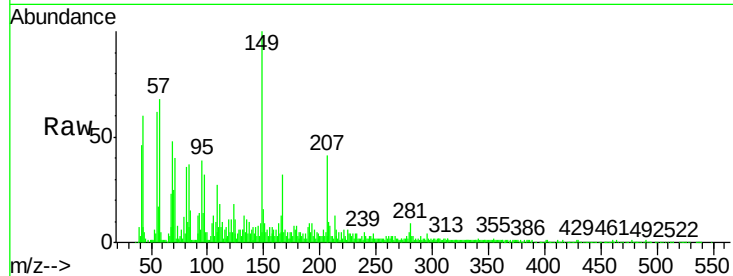
Tgt Ion:149 Resp: 100869

Ion Ratio Lower Upper

149 100

167 31.6 21.8 32.6

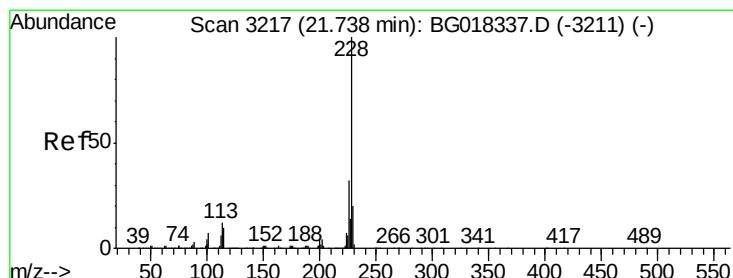
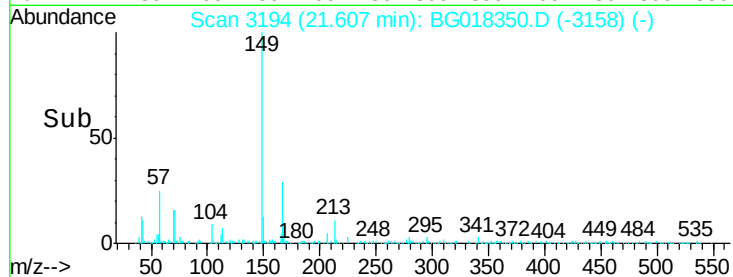
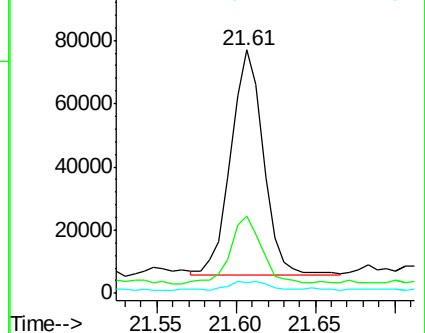
279 4.6 2.8 4.2#



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



#85

Chrysene

Concen: 4.29 ng/ul

RT: 21.76 min Scan# 3220

Delta R.T. 0.02 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

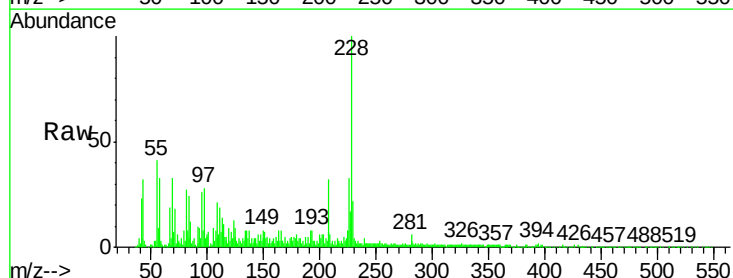
Tgt Ion:228 Resp: 184489

Ion Ratio Lower Upper

228 100

226 33.3 24.6 37.0

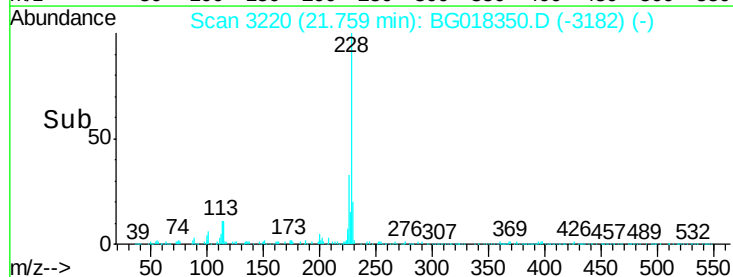
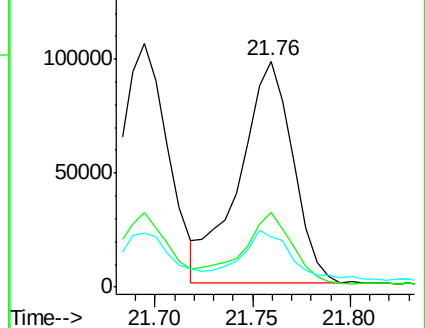
229 22.2 16.0 24.0

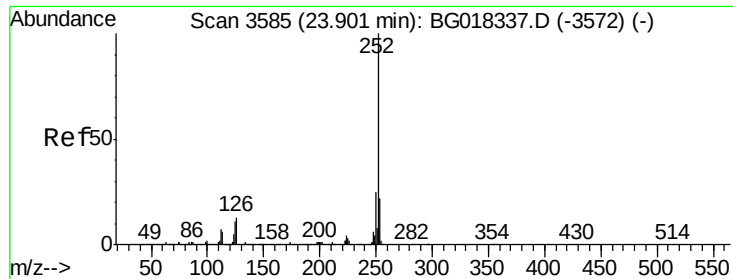


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

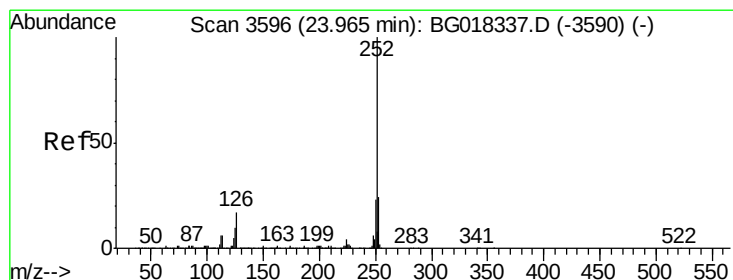
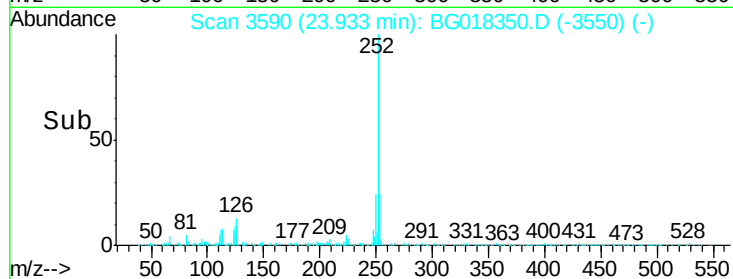
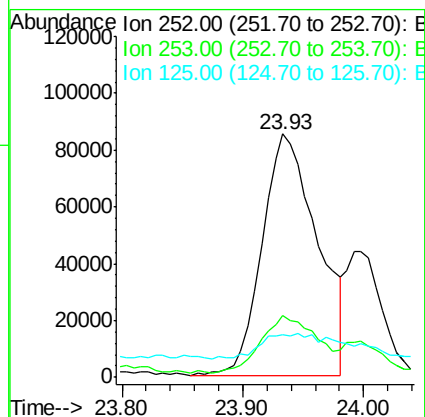
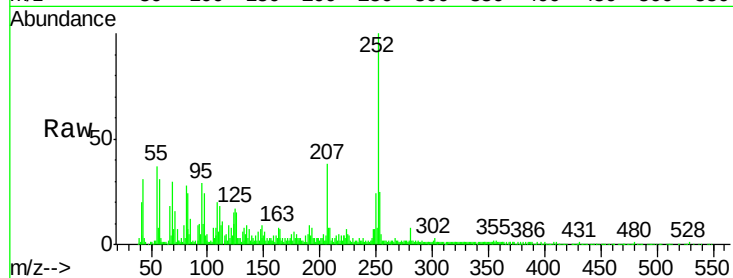




#88
Benzo(b)fluoranthene
Concen: 5.85 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. 0.03 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

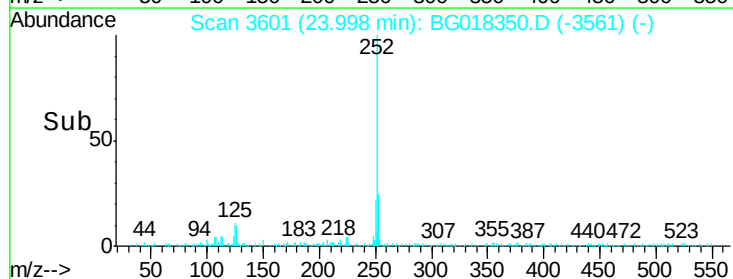
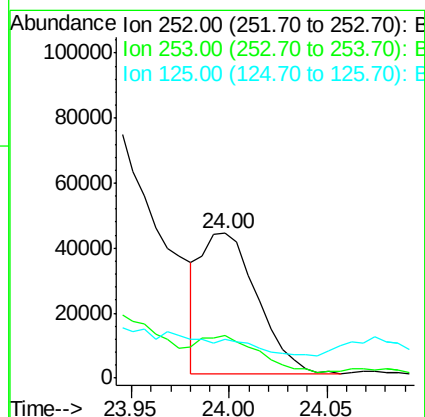
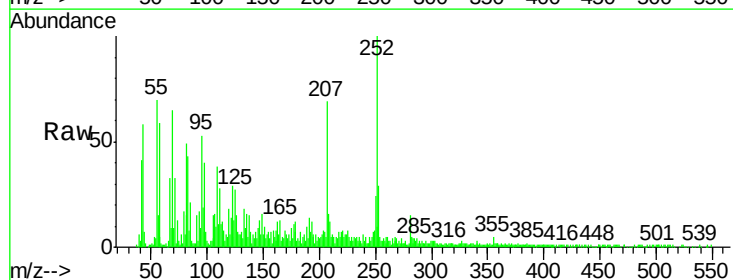
Instrument :
BNA_G
ClientSampleId :
C02D0

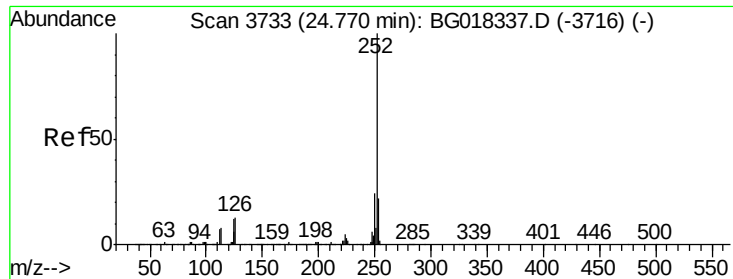
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	17.4	8.6	12.8#



#89
Benzo(k)fluoranthene
Concen: 1.93 ng/ul
RT: 24.00 min Scan# 3601
Delta R.T. 0.03 min
Lab File: BG018350.D
Acq: 10 Aug 2015 4:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.0	25.4#
125	26.6	7.7	11.5#





#91

Benzo(a)pyrene

Concen: 4.35 ng/ul

RT: 24.81 min Scan# 3740

Delta R.T. 0.04 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

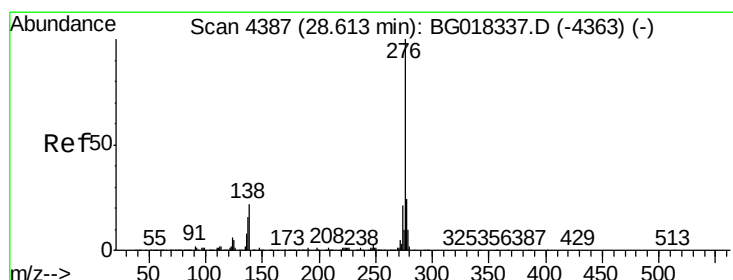
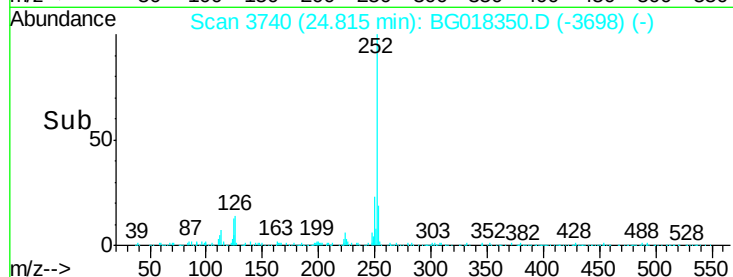
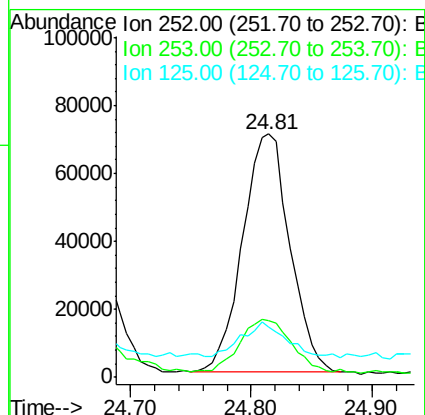
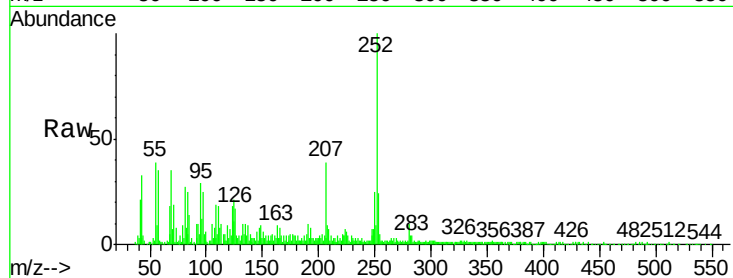
Instrument :

BNA_G

ClientSampleId :

C02D0

Tgt Ion:	252	Resp:	190409
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.6	27.8
125	20.8	9.8	14.6#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.04 ng/ul

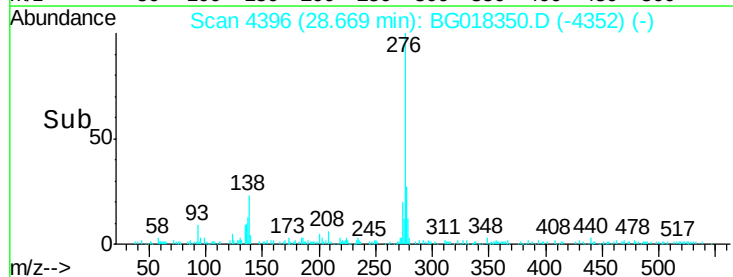
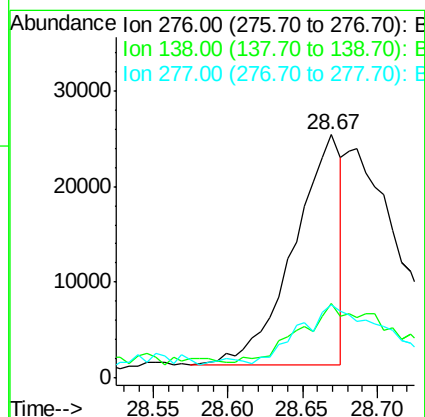
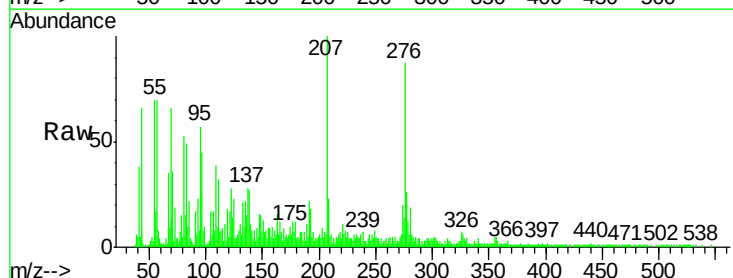
RT: 28.67 min Scan# 4396

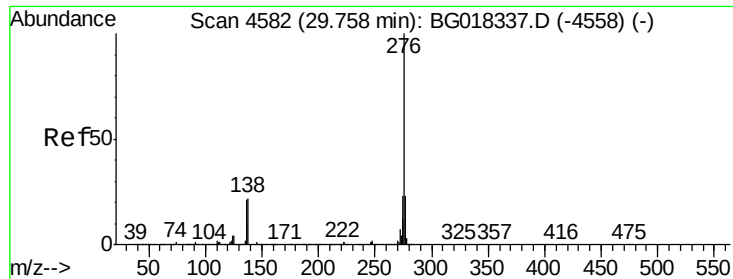
Delta R.T. 0.06 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Tgt Ion:	276	Resp:	52629
Ion Ratio		Lower	Upper
276	100		
138	30.9	15.9	23.9#
277	30.2	19.0	28.6#





#94

Benzo(g,h,i)perylene

Concen: 2.15 ng/ul

RT: 29.83 min Scan# 4594

Delta R.T. 0.07 min

Lab File: BG018350.D

Acq: 10 Aug 2015 4:37

Instrument :

BNA_G

ClientSampleId :

C02D0

Tgt Ion: 276 Resp: 91326

Ion Ratio Lower Upper

276 100

138 26.4 17.4 26.0#

277 26.0 18.4 27.6

