

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030798.D
 Acq On : 7 Nov 2017 5:34
 Operator : SJ/JU
 Sample : I6188-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EM7

Quant Time: Nov 07 08:14:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 08:04:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	451639	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	290174	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	667808	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	711159	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	730078	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	9991	4.21	ng/uL	0.00
5) Phenol-d5	7.31	99	217934	23.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	127660	22.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	178992	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	157282	21.04	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	93352	28.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	110759	33.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	195160	25.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	221490	25.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	613288	24.72	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	777297	25.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	95085	20.76	ng/ul	0.00
57) Fluorene-d10	15.76	176	562000	27.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	41058	12.60	ng/ul	0.00
70) Anthracene-d10	17.61	188	841268	26.64	ng/ul	0.00
76) Pyrene-d10	19.89	212	963980	26.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	988028	28.57	ng/ul	0.00

Target Compounds

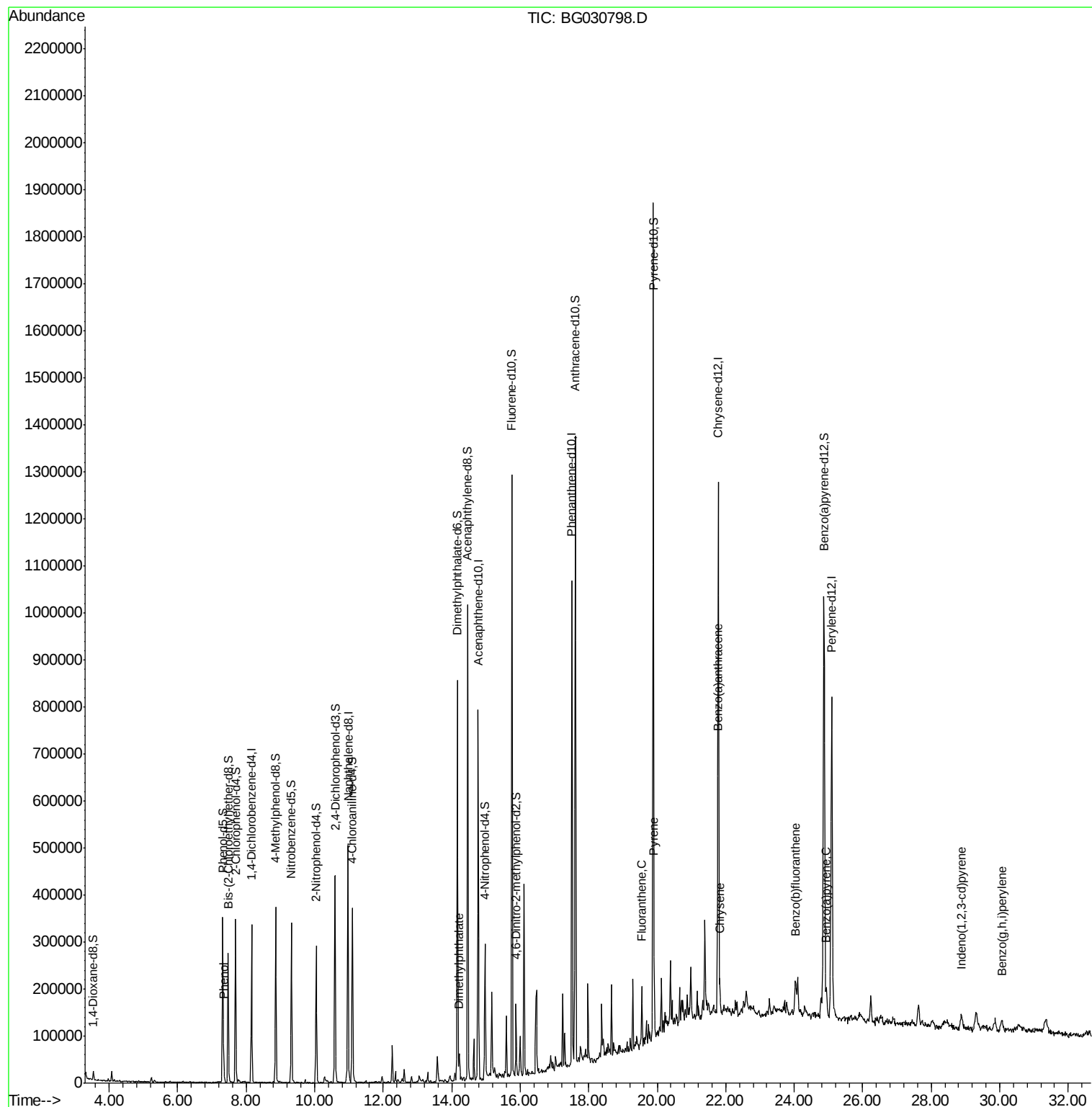
					Qvalue
6) Phenol	7.34	94	24174	2.524 ng/ul#	90
44) Dimethylphthalate	14.21	163	32394	1.339 ng/ul	98
74) Fluoranthene	19.55	202	79967	1.982 ng/ul	98
77) Pyrene	19.91	202	85727	1.799 ng/ul	99
80) Benzo(a)anthracene	21.76	228	56207	1.261 ng/ul	96
82) Chrysene	21.83	228	58206	1.437 ng/ul	95
85) Benzo(b)fluoranthene	24.04	252	96868	2.210 ng/ul	99
88) Benzo(a)pyrene	24.94	252	63356	1.485 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.89	276	53059	1.099 ng/ul	94
91) Benzo(g,h,i)perylene	30.06	276	49421	1.235 ng/ul	95

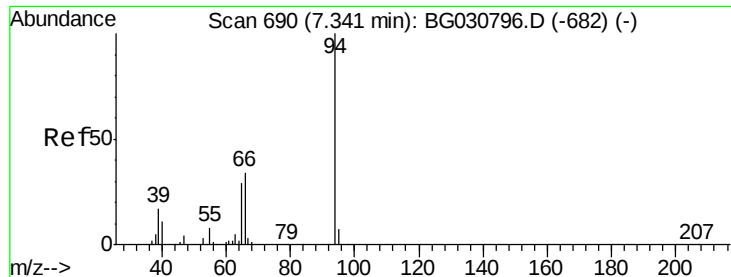
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.524 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

Instrument :

BNA_G

ClientSampleId :

B0EM7

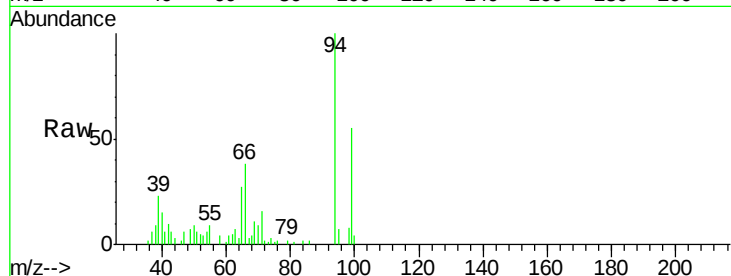
Tgt Ion: 94 Resp: 24174

Ion Ratio Lower Upper

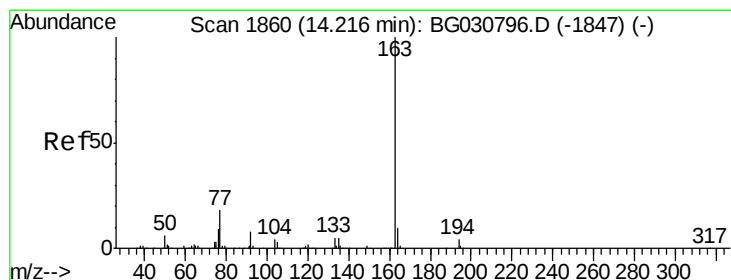
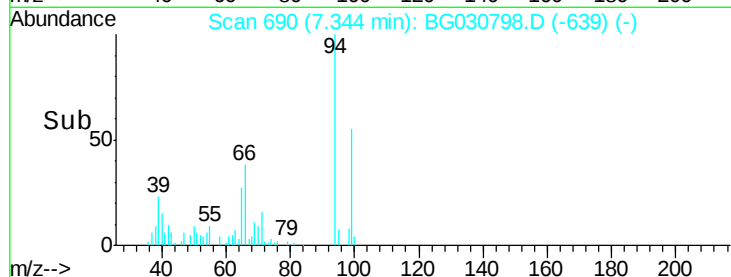
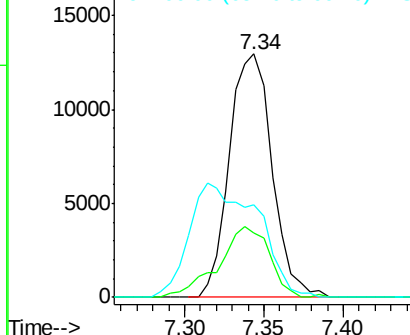
94 100

65 26.7 27.1 40.7#

66 38.3 34.6 52.0



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



#44

Dimethylphthalate

Concen: 1.339 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

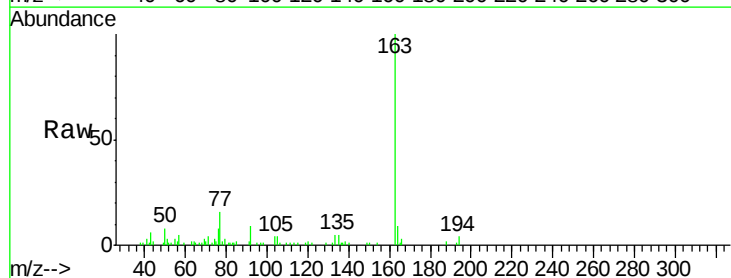
Tgt Ion:163 Resp: 32394

Ion Ratio Lower Upper

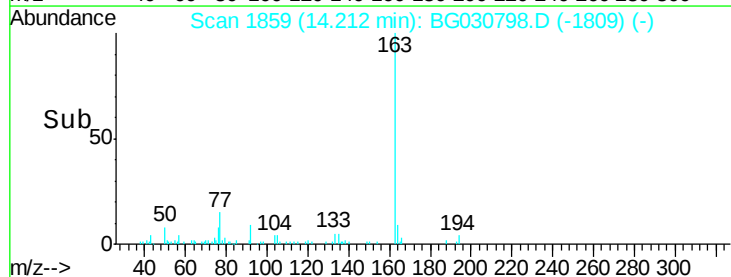
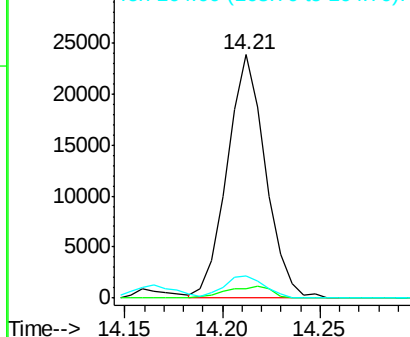
163 100

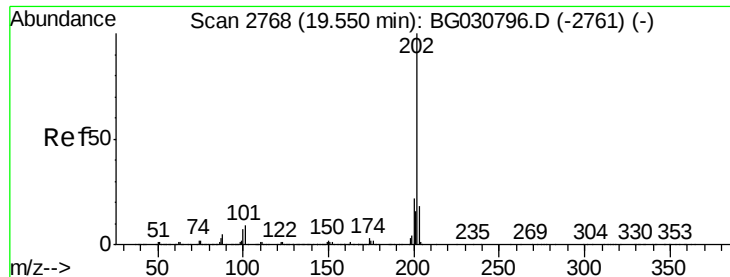
194 3.8 3.5 5.3

164 8.9 7.6 11.4



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





#74

Fluoranthene

Concen: 1.982 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

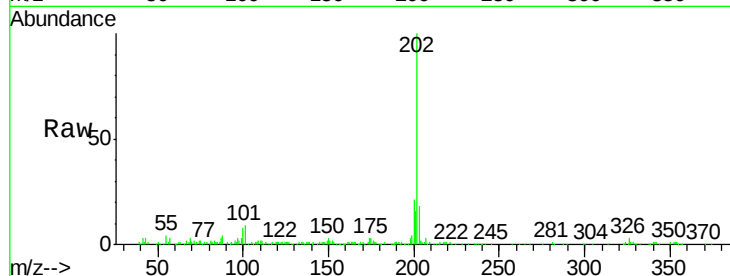
Instrument :

BNA_G

ClientSampleId :

B0EM7

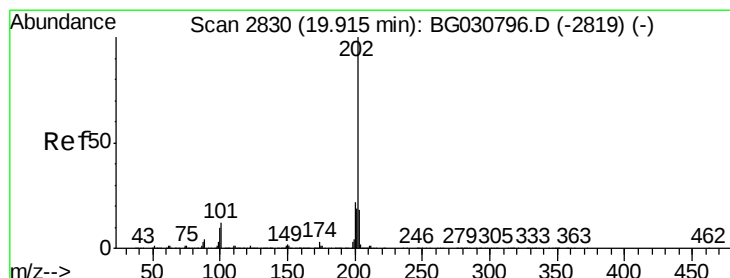
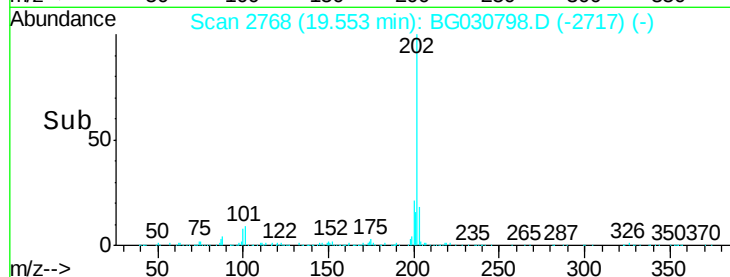
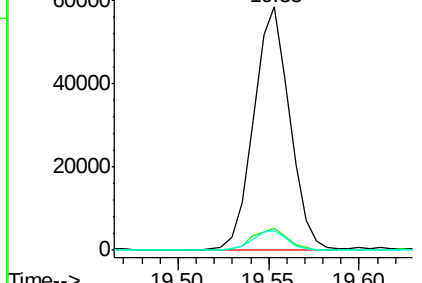
Tgt Ion:	202	Resp:	79967
Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.4	11.2
100	8.0	5.6	8.4



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): B



#77

Pyrene

Concen: 1.799 ng/ul

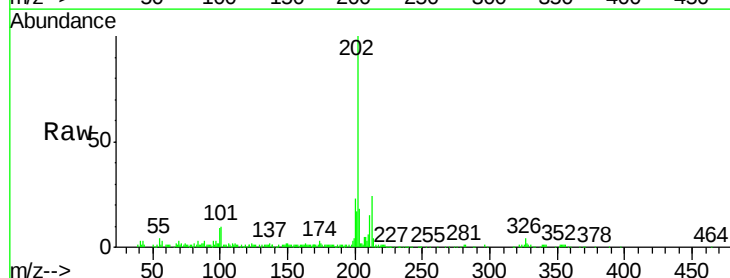
RT: 19.91 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

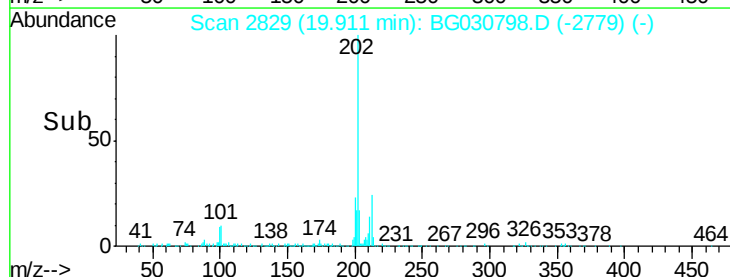
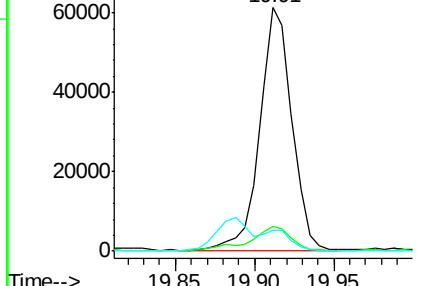
Tgt Ion:	202	Resp:	85727
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.4	12.6
100	8.5	7.0	10.6

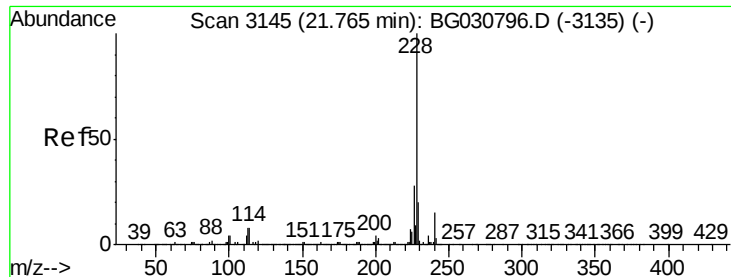


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.261 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

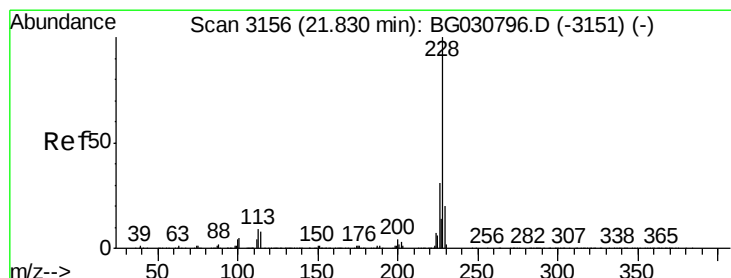
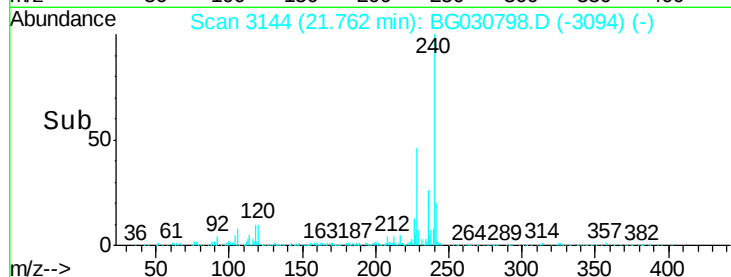
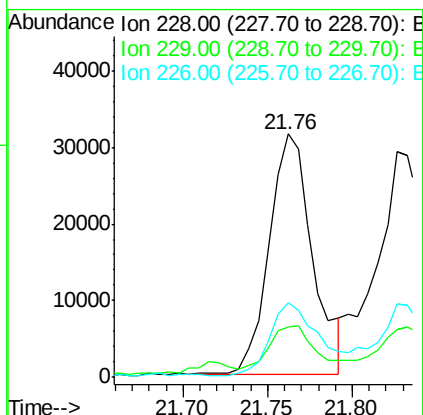
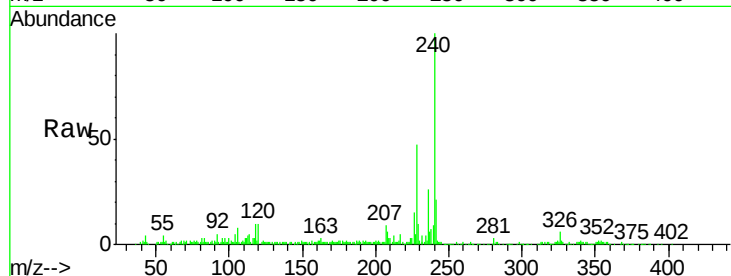
Instrument :

BNA_G

ClientSampleId :

B0EM7

Tgt Ion:	228	Resp:	56207
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.2	24.4
226	30.8	22.2	33.2



#82

Chrysene

Concen: 1.437 ng/ul

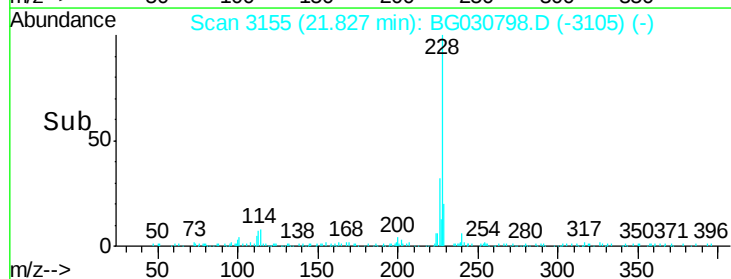
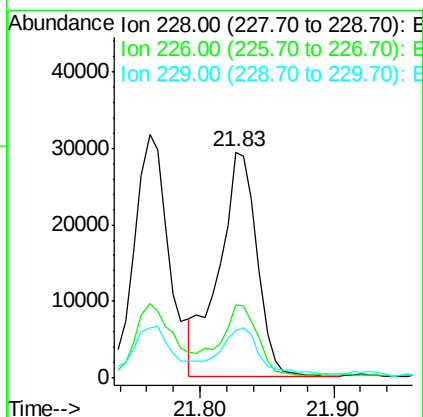
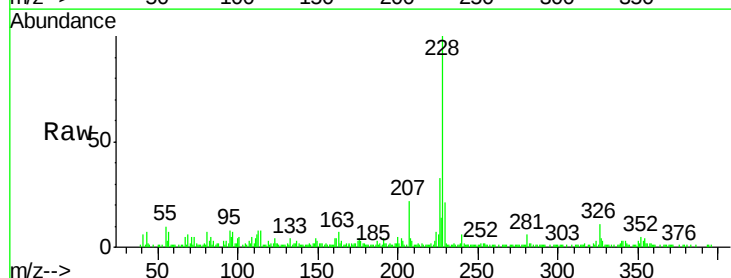
RT: 21.83 min Scan# 3155

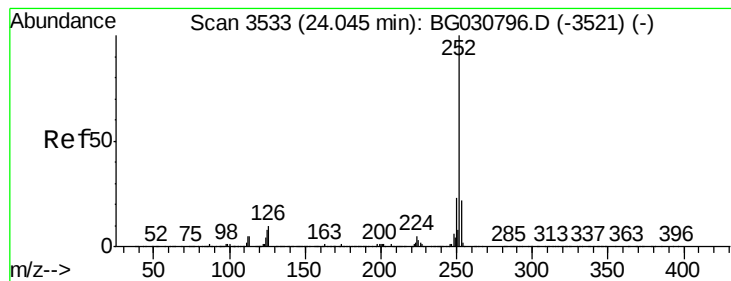
Delta R.T. -0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

Tgt Ion:	228	Resp:	58206
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.2	36.2
229	21.3	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 2.210 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

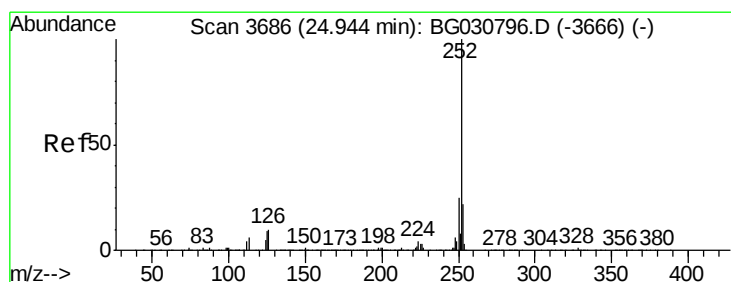
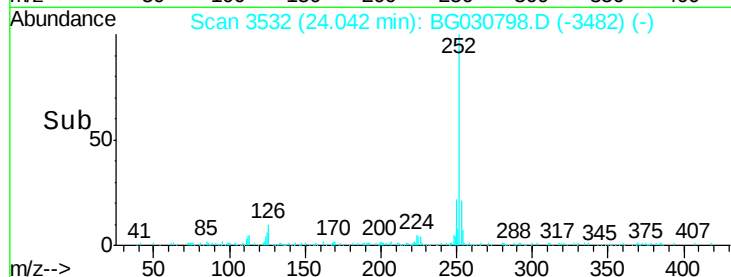
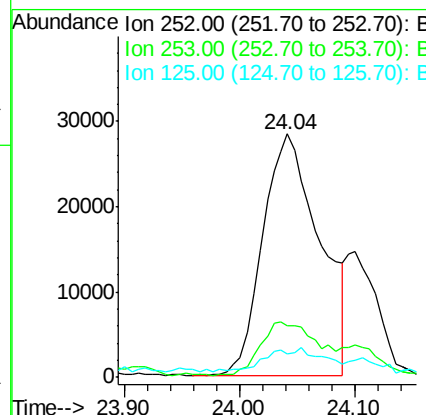
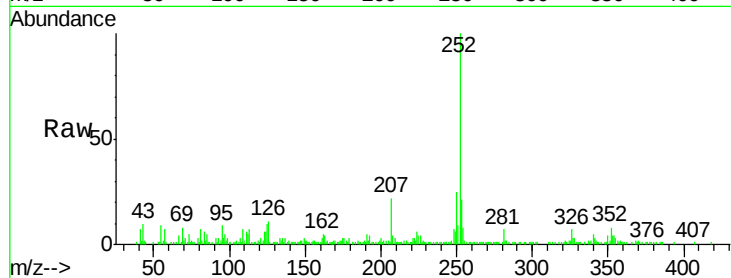
Instrument :

BNA_G

ClientSampleId :

B0EM7

Tgt Ion:	252	Resp:	96868
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.0	25.4
125	9.7	7.5	11.3



#88

Benzo(a)pyrene

Concen: 1.485 ng/ul

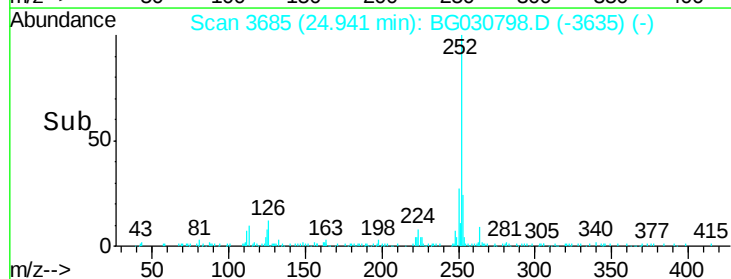
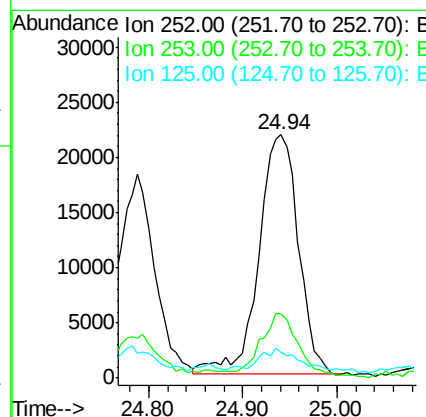
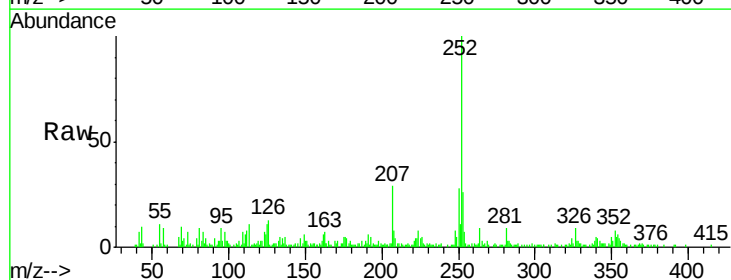
RT: 24.94 min Scan# 3685

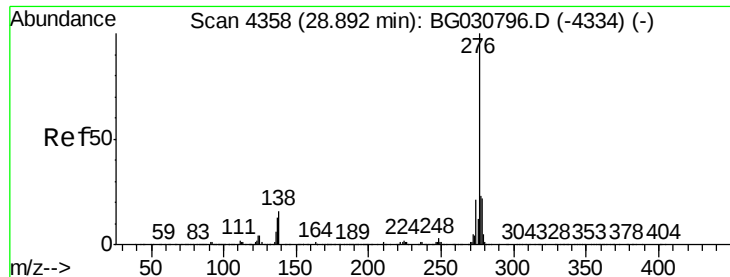
Delta R.T. -0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

Tgt Ion:	252	Resp:	63356
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.1	25.7#
125	10.8	7.8	11.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.099 ng/ul

RT: 28.89 min Scan# 4357

Delta R.T. -0.00 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

Instrument :

BNA_G

ClientSampleId :

B0EM7

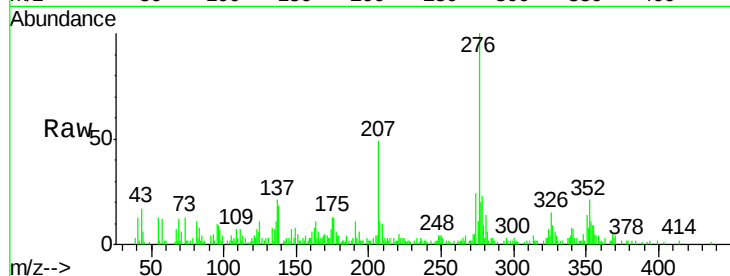
Tgt Ion:276 Resp: 53059

Ion Ratio Lower Upper

276 100

138 18.2 13.4 20.0

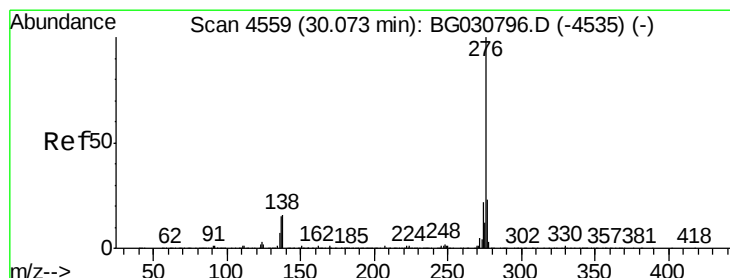
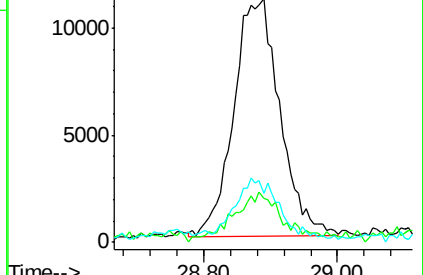
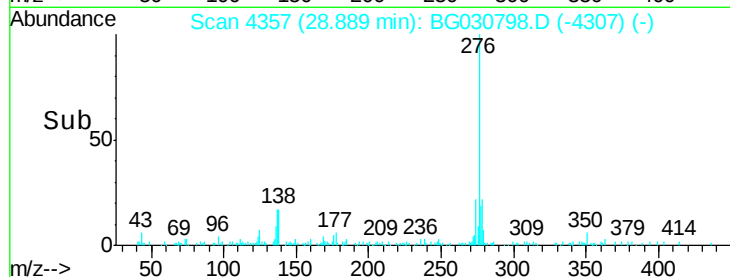
277 19.9 18.6 28.0



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



#91

Benzo(g,h,i)perylene

Concen: 1.235 ng/ul

RT: 30.06 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG030798.D

Acq: 7 Nov 2017 5:34

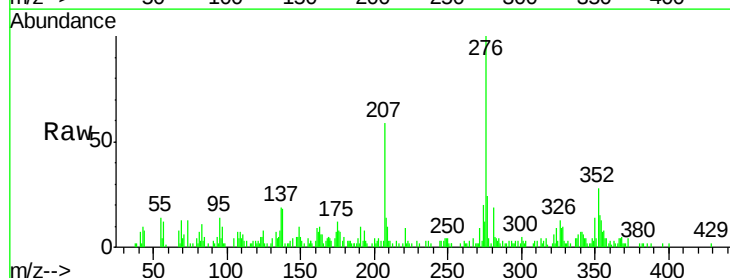
Tgt Ion:276 Resp: 49421

Ion Ratio Lower Upper

276 100

138 17.6 12.1 18.1

277 24.3 17.7 26.5



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

