

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030838.D
 Acq On : 8 Nov 2017 10:07
 Operator : SJ/JU
 Sample : I6222-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0ET2

Quant Time: Nov 08 11:04:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 04:22:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	82930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	388511	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	250640	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	579152	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	593949	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	611866	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5087	2.49	ng/uL	0.00
5) Phenol-d5	7.32	99	119473	15.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	73707	14.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	100769	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	85495	13.30	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	51309	18.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	63128	22.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	113447	17.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	108742	14.37	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	372956	17.41	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	459242	17.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	52231	13.20	ng/ul	0.00
57) Fluorene-d10	15.75	176	346013	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	43780	15.49	ng/ul	0.00
70) Anthracene-d10	17.61	188	522949	19.09	ng/ul	0.00
76) Pyrene-d10	19.88	212	595338	19.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	567815	19.59	ng/ul	0.00

Target Compounds

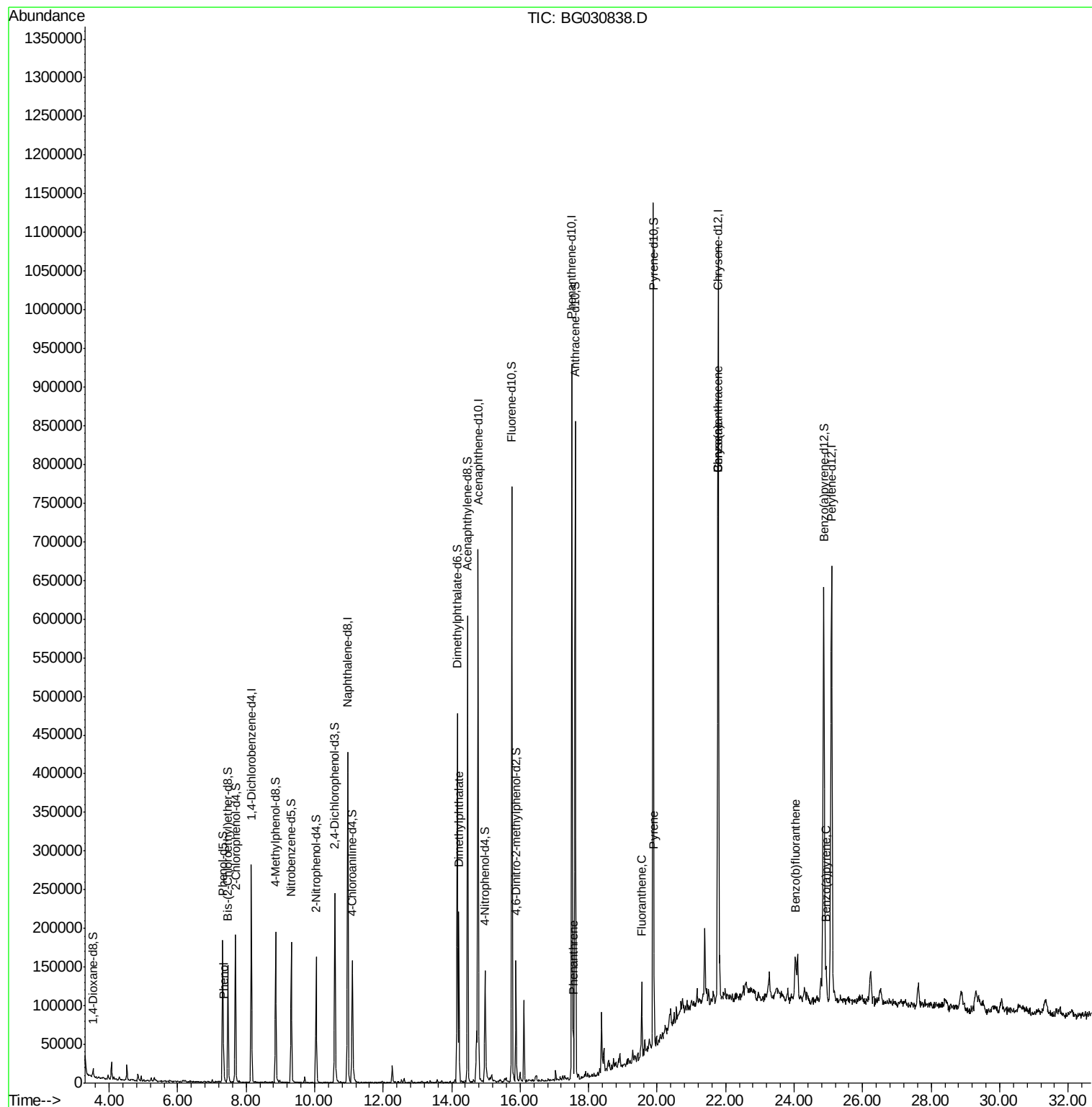
					Ovalue	
6) Phenol	7.34	94	16128	1.958	ng/ul#	86
44) Dimethylphthalate	14.21	163	163843	7.839	ng/ul	98
69) Phenanthrene	17.55	178	31417	1.003	ng/ul	96
74) Fluoranthene	19.55	202	60475	1.728	ng/ul	99
77) Pyrene	19.91	202	56026	1.407	ng/ul	96
80) Benzo(a)anthracene	21.76	228	39379	1.058	ng/ul	97
82) Chrysene	21.76	228	38992	1.153	ng/ul	93
85) Benzo(b)fluoranthene	24.04	252	64860	1.766	ng/ul#	93
88) Benzo(a)pyrene	24.93	252	46442	1.299	ng/ul#	93

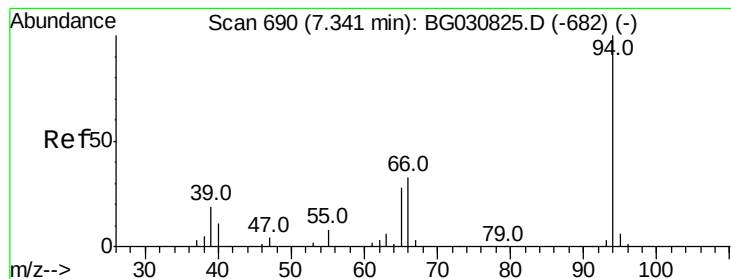
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.958 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

Instrument :

BNA_G

ClientSampleId :

B0ET2

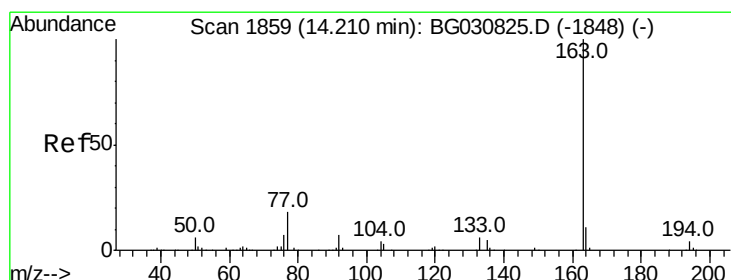
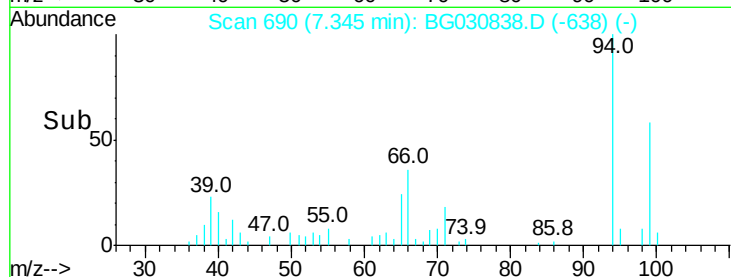
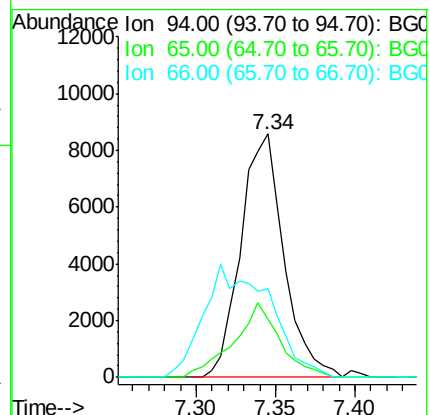
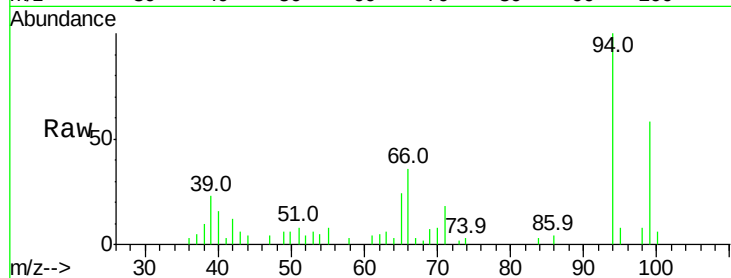
Tot Ion: 94 Resp: 16128

Ion Ratio Lower Upper

94 100

65 23.9 27.1 40.7#

66 36.2 34.6 52.0



#44

Dimethylphthalate

Concen: 7.839 ng/ul

RT: 14.21 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

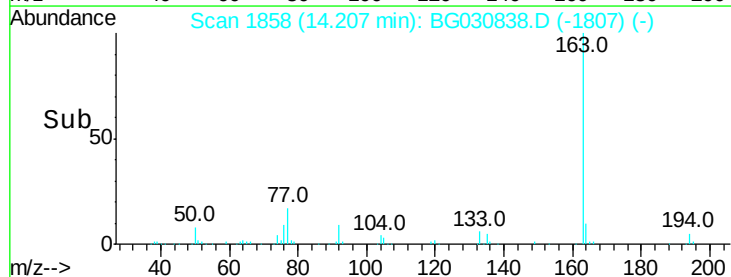
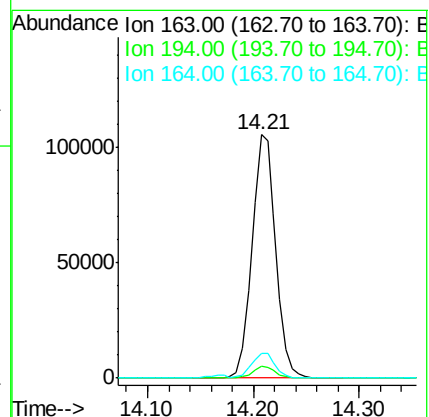
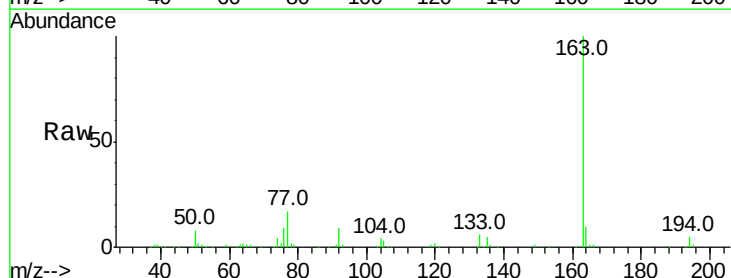
Tgt Ion:163 Resp: 163843

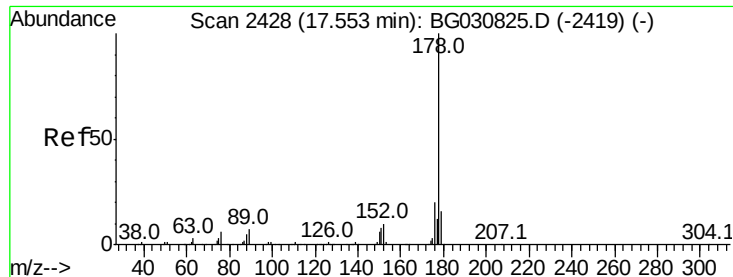
Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

164 10.2 7.6 11.4





#69

Phenanthrene

Concen: 1.003 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

Instrument :

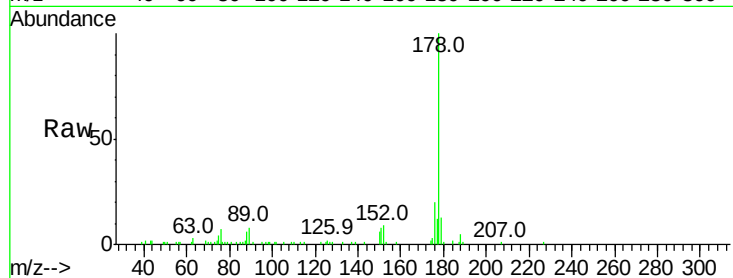
BNA_G

ClientSampleId :

B0ET2

Tot Ion:178 Resp: 31417

Ion	Ratio	Lower	Upper
178	100		
179	13.3	13.0	19.6
176	20.0	15.3	22.9

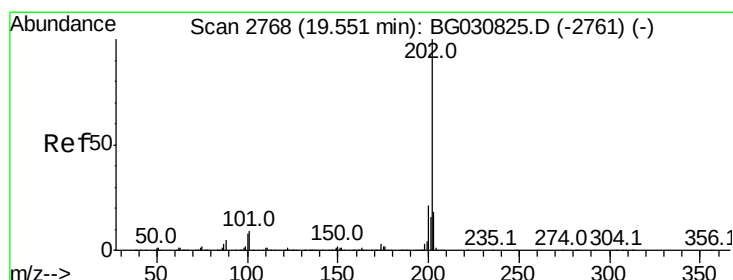
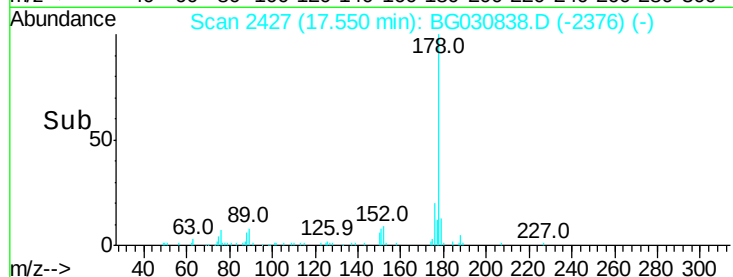
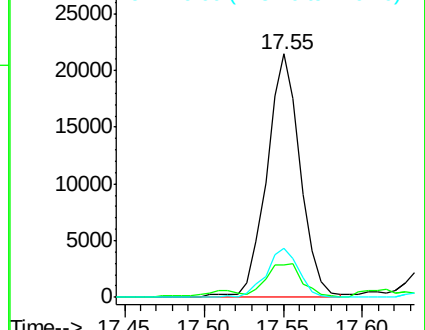


Abundance

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



#74

Fluoranthene

Concen: 1.728 ng/ul

RT: 19.55 min Scan# 2767

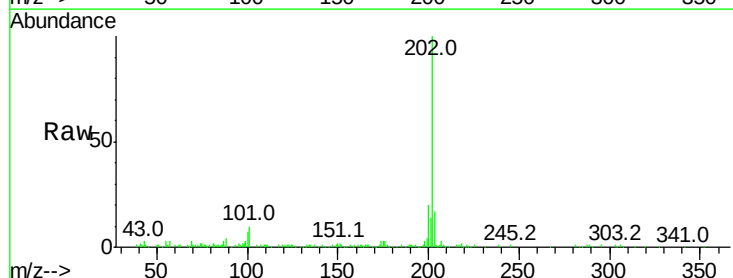
Delta R.T. -0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

Tgt Ion:202 Resp: 60475

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.4	11.2
100	7.1	5.6	8.4

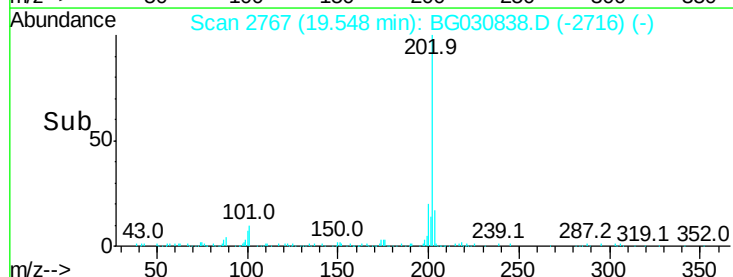
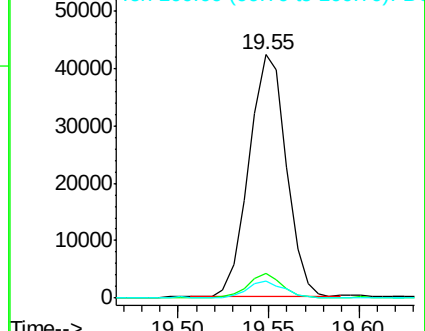


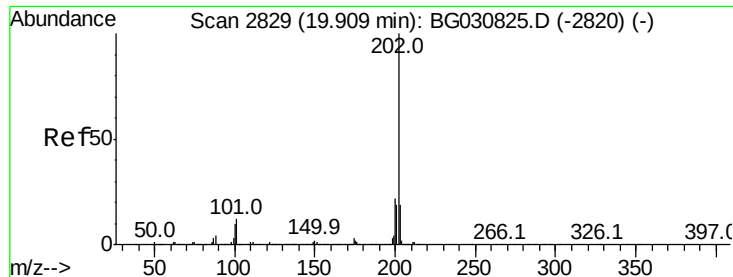
Abundance

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

Pvrene

Concen: 1.407 ng/ul

RT: 19.91 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

Instrument :

BNA_G

ClientSampleId :

B0ET2

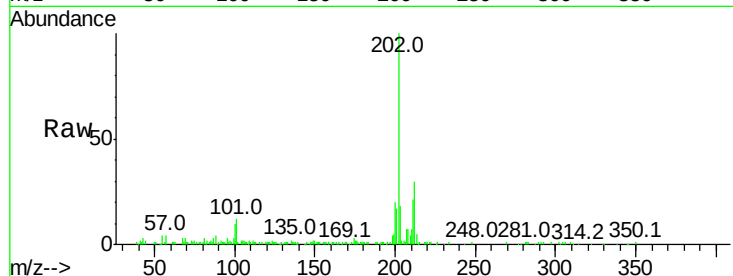
Tot Ion:202 Resp: 56026

Ion Ratio Lower Upper

202 100

101 11.7 8.4 12.6

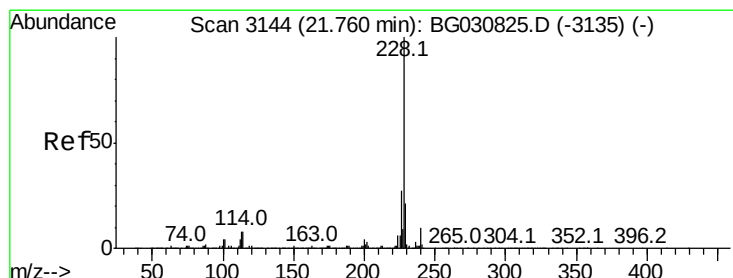
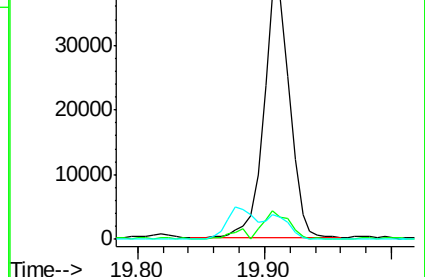
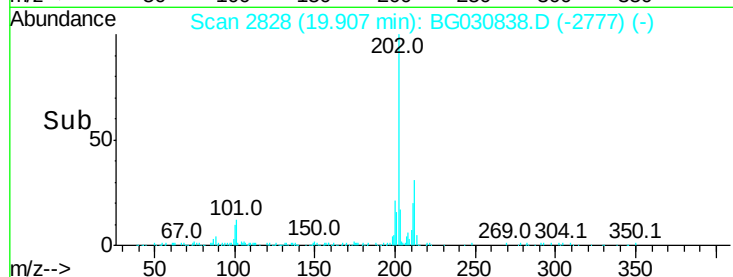
100 10.2 7.0 10.6



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: 1.058 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

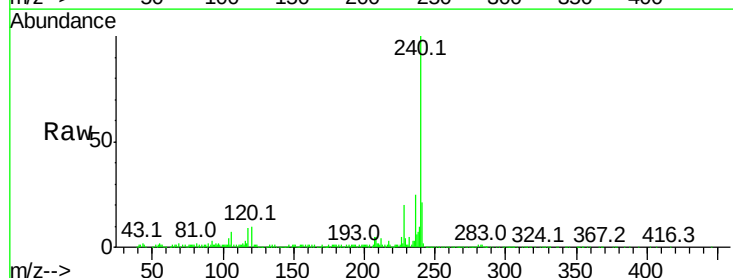
Tgt Ion:228 Resp: 39379

Ion Ratio Lower Upper

228 100

229 22.3 16.2 24.4

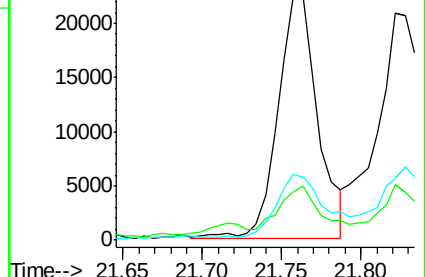
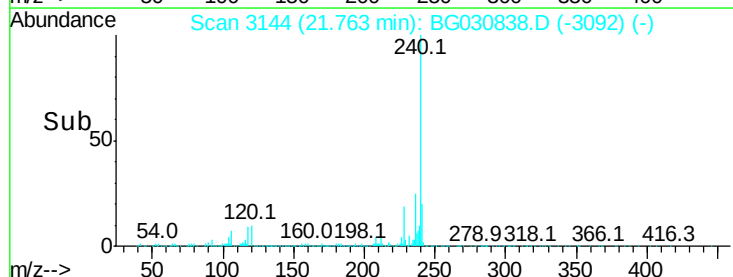
226 26.2 22.2 33.2

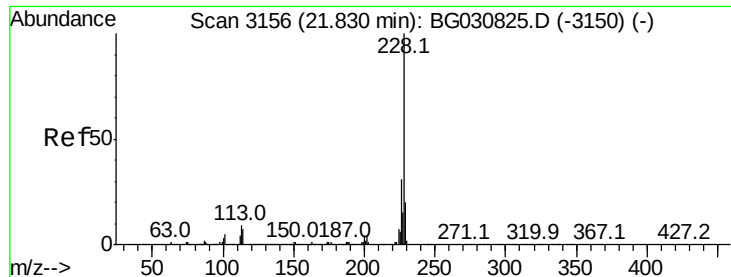


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.153 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.07 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

Instrument :

BNA_G

ClientSampleId :

B0ET2

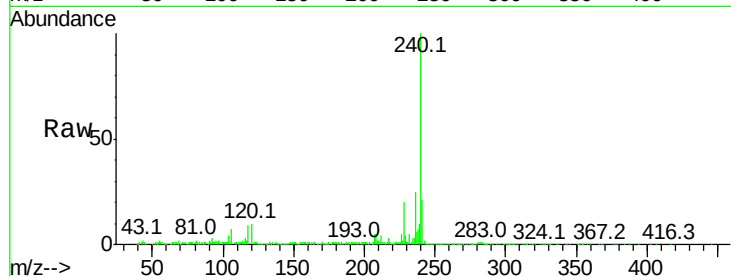
Tot Ion:228 Resp: 38992

Ion	Ratio	Lower	Upper
228	100		
226	26.2	24.2	36.2
229	22.3	15.2	22.8

228 100

226 26.2 24.2 36.2

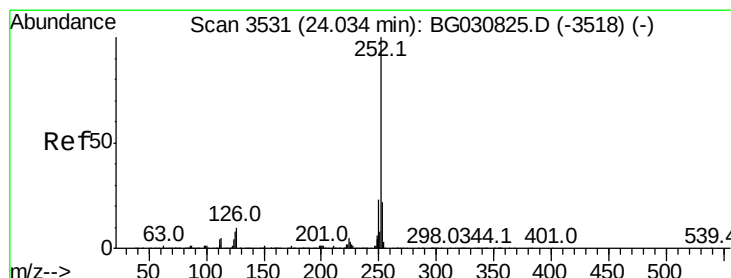
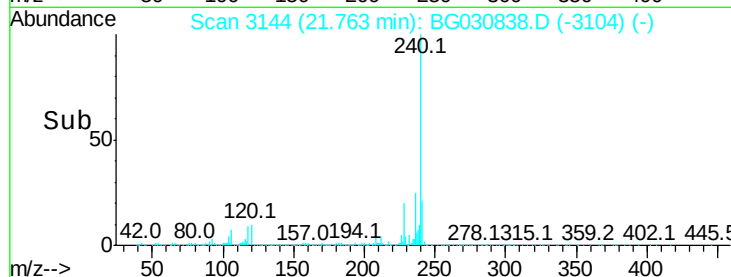
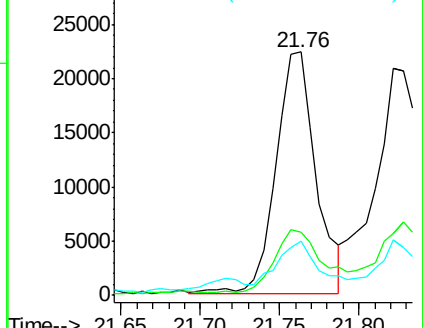
229 22.3 15.2 22.8



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: 1.766 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. 0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

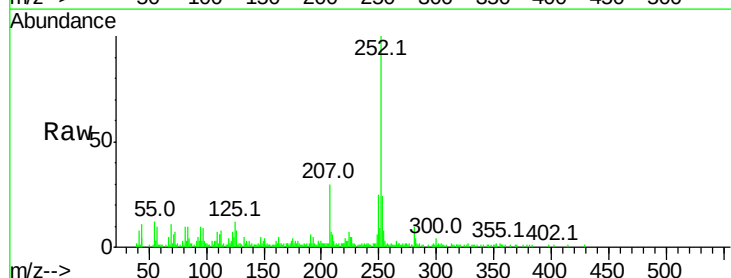
Tgt Ion:252 Resp: 64860

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	11.9	7.5	11.3

252 100

253 24.5 17.0 25.4

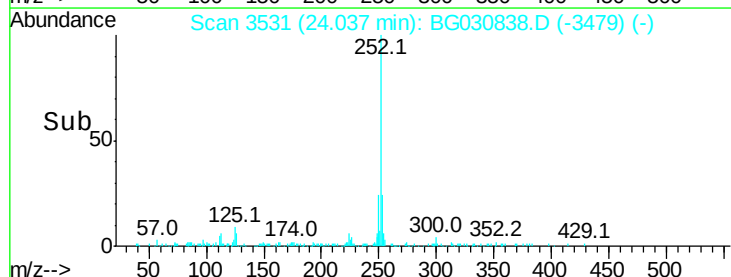
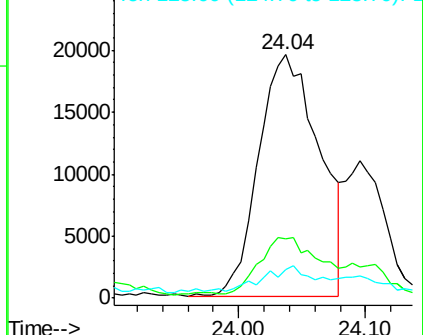
125 11.9 7.5 11.3

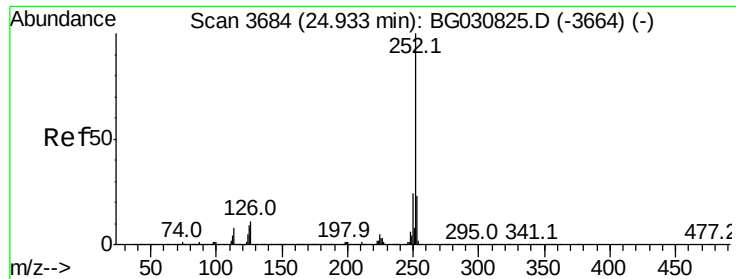


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.299 ng/ul

RT: 24.93 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BG030838.D

Acq: 8 Nov 2017 10:07

Instrument :

BNA_G

ClientSampleId :

B0ET2

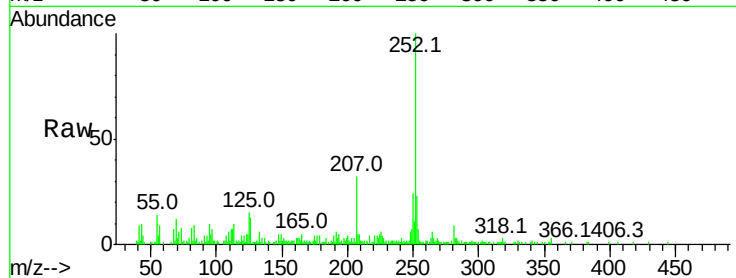
Tot Ion:252 Resp: 46442

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

125 15.3 7.8 11.8#



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

