

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110617\
 Data File : BG030804.D
 Acq On : 7 Nov 2017 9:18
 Operator : SJ/JU
 Sample : I6188-20
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0EP4

Quant Time: Nov 07 13:01:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 08:10:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	362507	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	232975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	498813	20.00	ng/ul	0.01
75) Chrysene-d12	21.79	240	536585	20.00	ng/ul	0.01
83) Perylene-d12	25.11	264	552229	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	10218	5.40	ng/uL	0.00
5) Phenol-d5	7.32	99	226539	30.68	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.47	67	135155	29.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	188168	36.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	194050	32.54	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	97509	37.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	114567	42.97	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.60	165	207694	34.18	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	253033	35.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	660160	33.14	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	833418	34.41	ng/ul	0.01
51) 4-Nitrophenol-d4	14.98	143	96820	26.33	ng/ul	0.02
57) Fluorene-d10	15.76	176	604242	37.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	11724	4.82	ng/ul	0.01
70) Anthracene-d10	17.61	188	864147	36.63	ng/ul	0.00
76) Pyrene-d10	19.89	212	941566	33.90	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.89	264	996381	38.09	ng/ul	0.04

Target Compounds

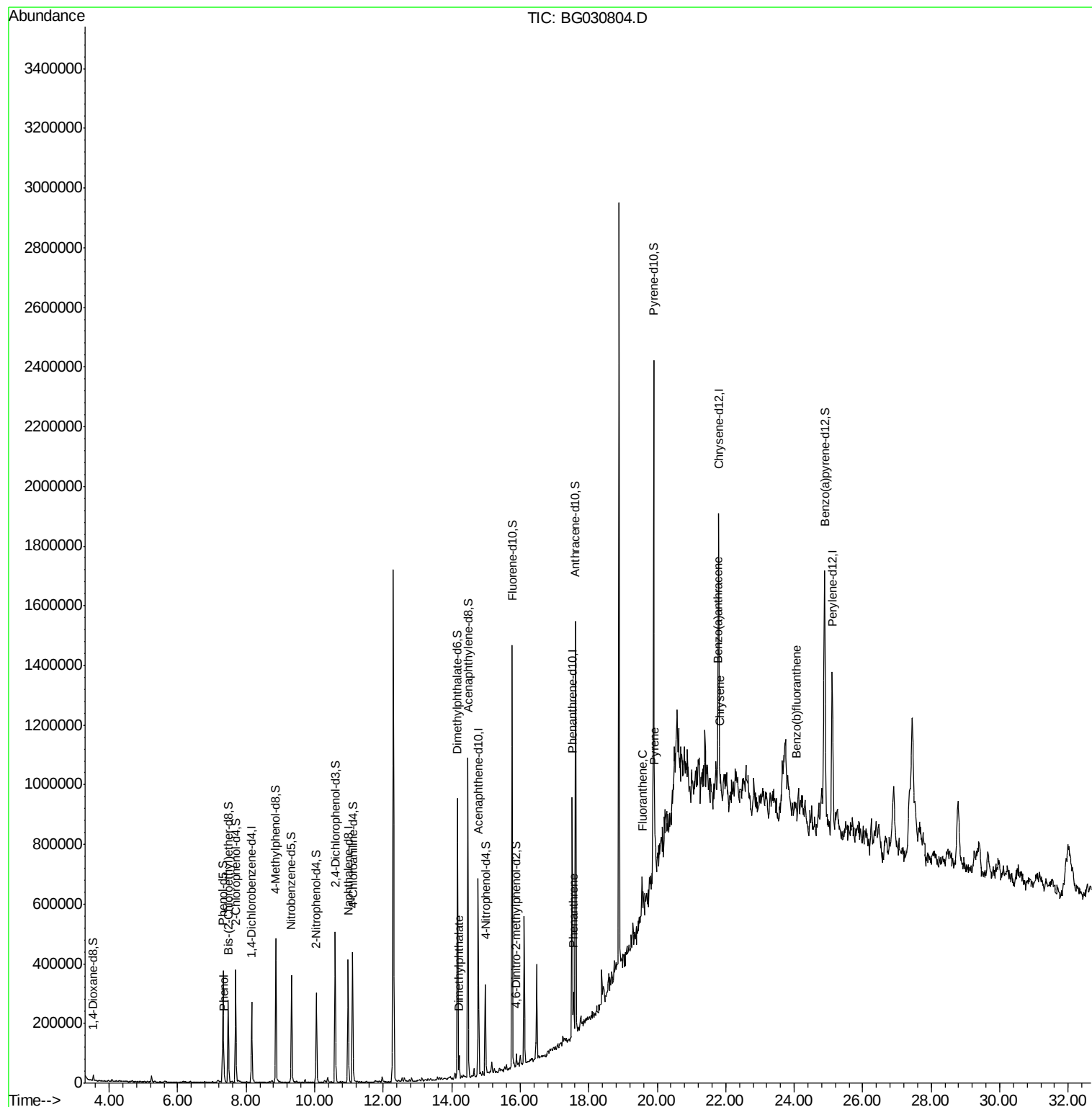
					Qvalue	
6) Phenol	7.35	94	24497	3.206	ng/ul	95
44) Dimethylphthalate	14.22	163	46677	2.403	ng/ul	97
69) Phenanthrene	17.56	178	90615	3.360	ng/ul	98
74) Fluoranthene	19.56	202	91493	3.036	ng/ul	99
77) Pyrene	19.92	202	88398	2.458	ng/ul	97
80) Benzo(a)anthracene	21.77	228	40066	1.191	ng/ul#	82
82) Chrysene	21.84	228	40189	1.315	ng/ul#	77
85) Benzo(b)fluoranthene	24.05	252	42734	1.289	ng/ul#	44

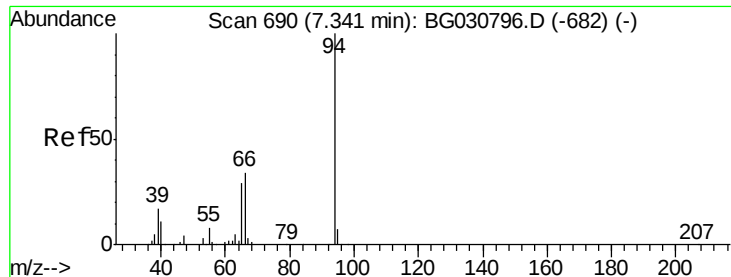
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.206 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.02 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

Instrument :

BNA_G

ClientSampleId :

B0EP4

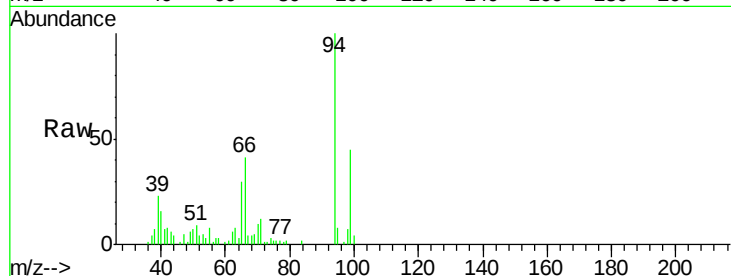
Tgt Ion: 94 Resp: 24497

Ion Ratio Lower Upper

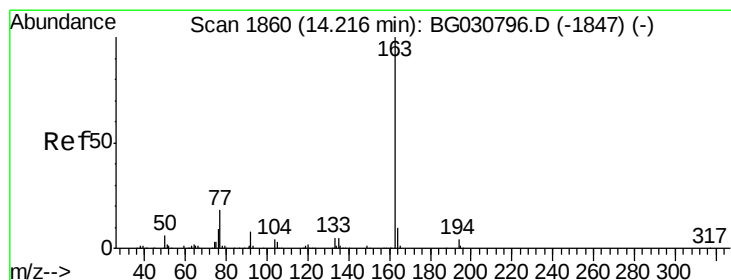
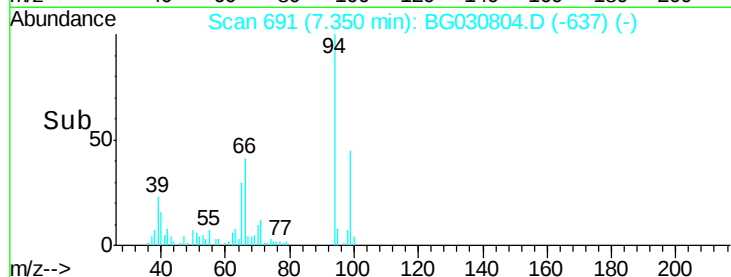
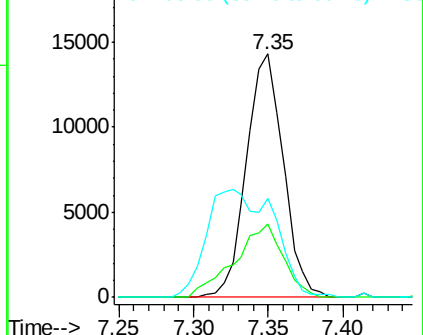
94 100

65 30.1 27.1 40.7

66 40.7 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: 2.403 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

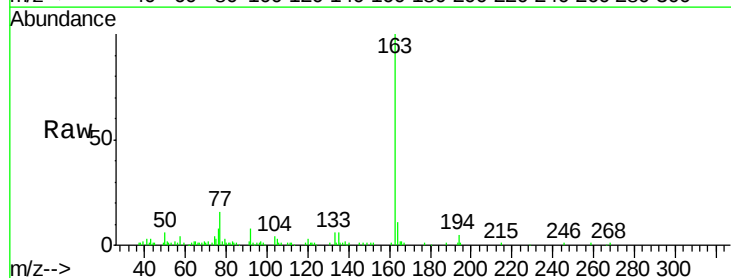
Tgt Ion: 163 Resp: 46677

Ion Ratio Lower Upper

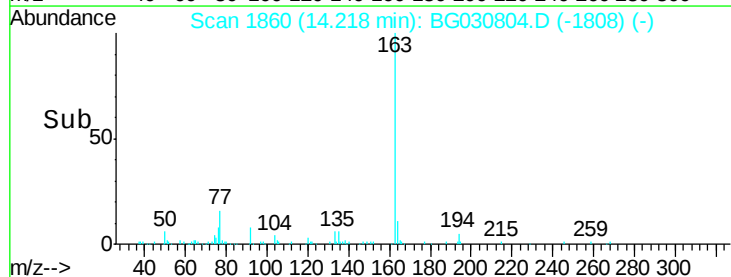
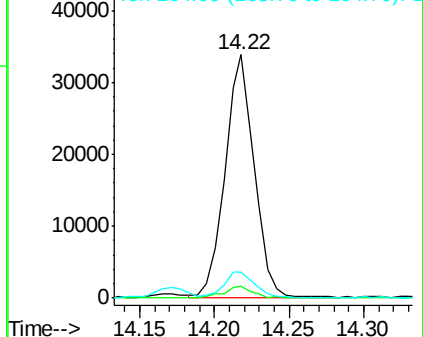
163 100

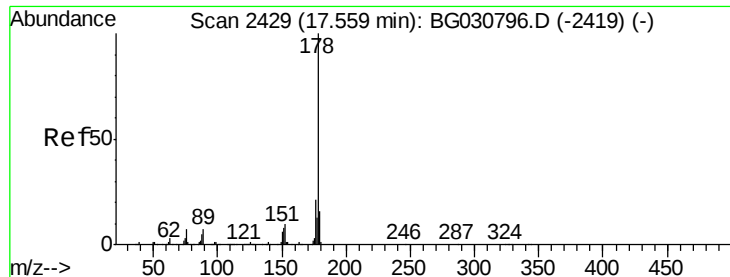
194 4.9 3.5 5.3

164 10.9 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





#69

Phenanthrene

Concen: 3.360 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

Instrument :

BNA_G

ClientSampleId :

B0EP4

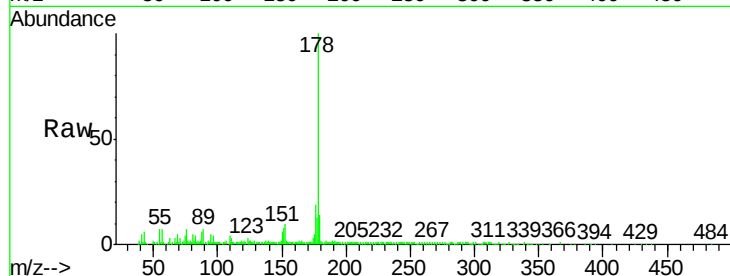
Tgt Ion:178 Resp: 90615

Ion Ratio Lower Upper

178 100

179 14.5 13.0 19.6

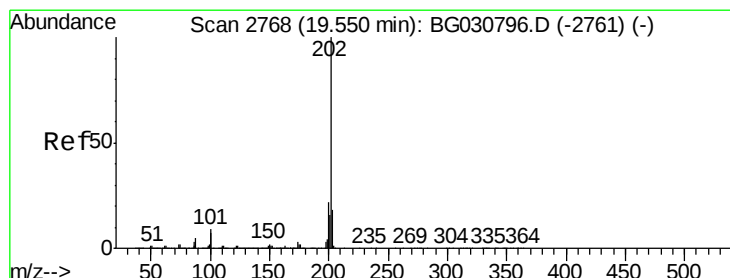
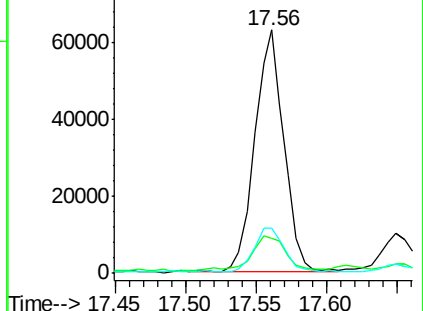
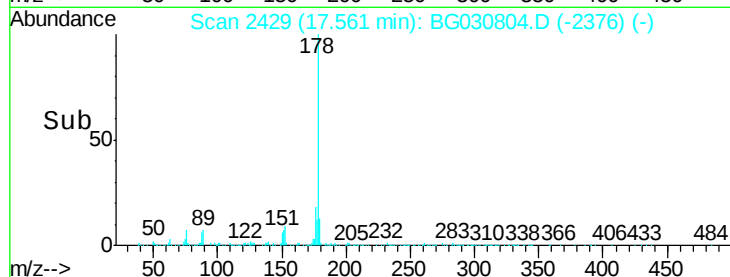
176 18.8 15.3 22.9



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: 3.036 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. 0.01 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

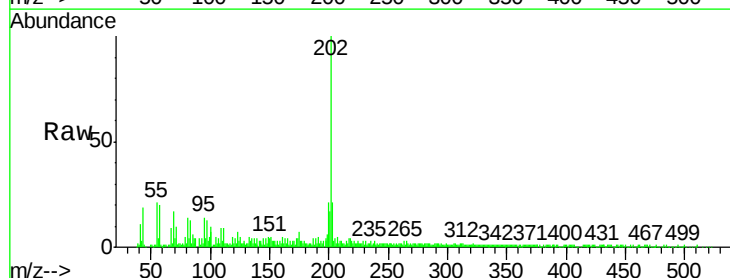
Tgt Ion:202 Resp: 91493

Ion Ratio Lower Upper

202 100

101 9.8 7.4 11.2

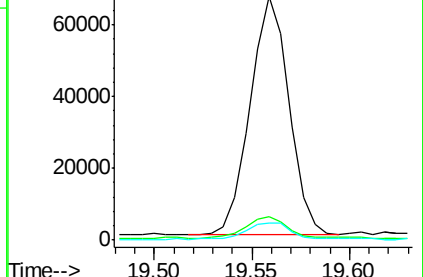
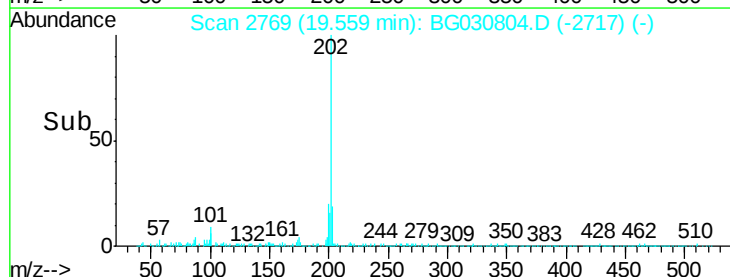
100 7.0 5.6 8.4

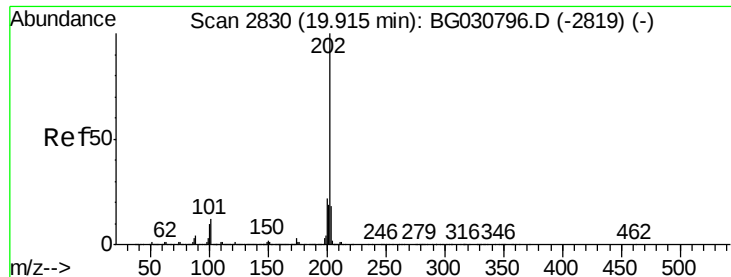


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 2.458 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

Instrument :

BNA_G

ClientSampleId :

B0EP4

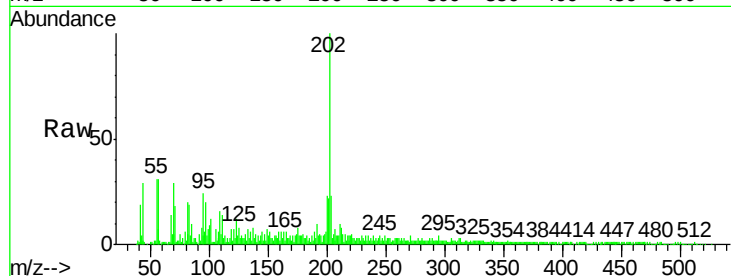
Tgt Ion:202 Resp: 88398

Ion Ratio Lower Upper

202 100

101 12.5 8.4 12.6

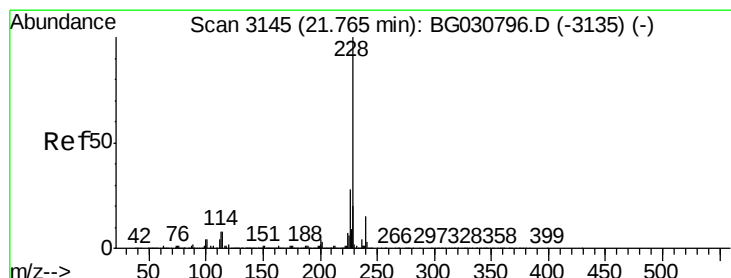
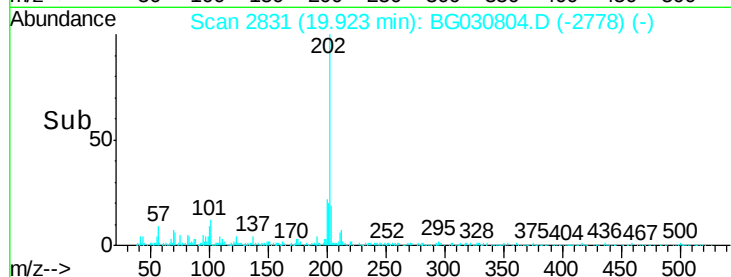
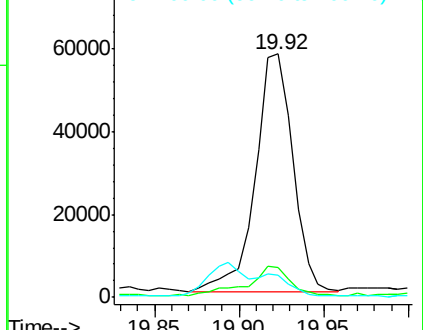
100 9.0 7.0 10.6



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): E



#80

Benzo(a)anthracene

Concen: 1.191 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

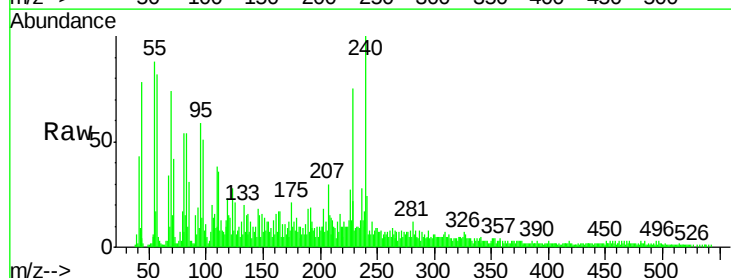
Tgt Ion:228 Resp: 40066

Ion Ratio Lower Upper

228 100

229 29.6 16.2 24.4#

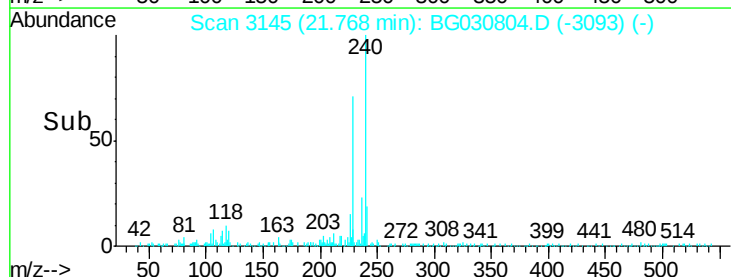
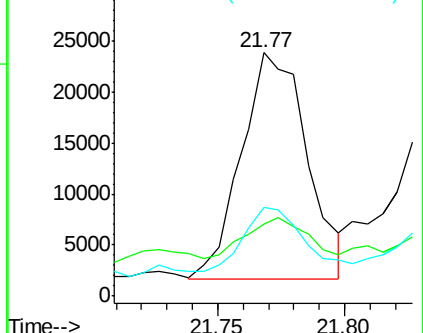
226 36.3 22.2 33.2#

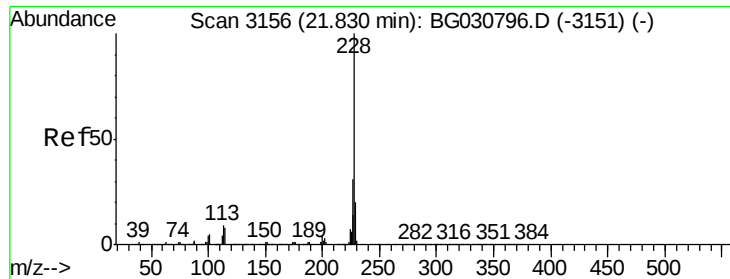


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.315 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

Instrument :

BNA_G

ClientSampleId :

B0EP4

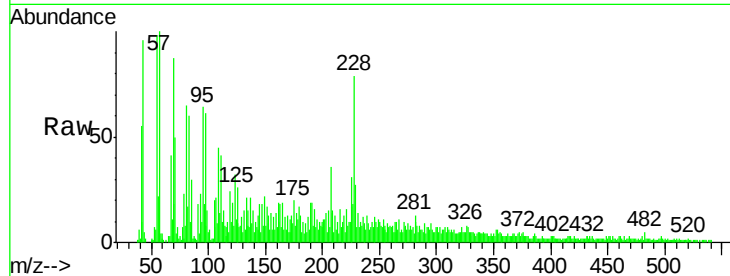
Tgt Ion:228 Resp: 40189

Ion Ratio Lower Upper

228 100

226 39.1 24.2 36.2#

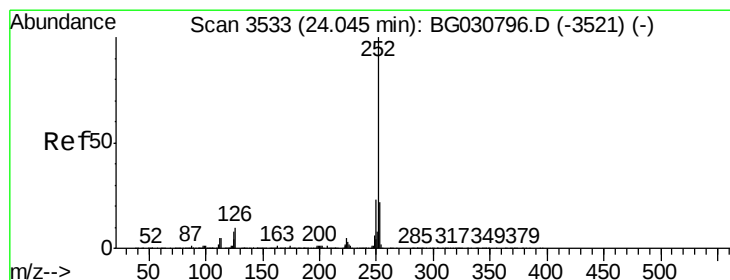
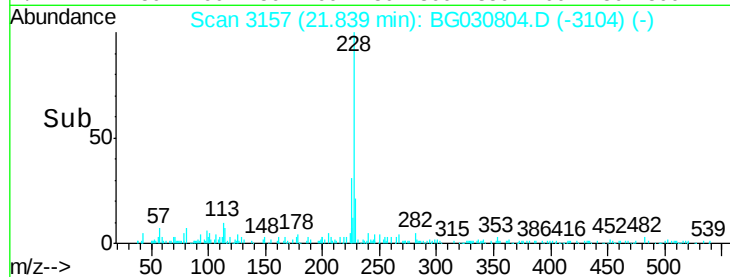
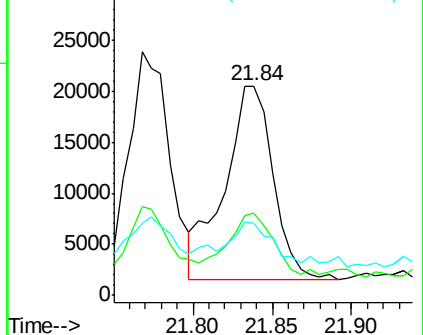
229 34.2 15.2 22.8#



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: 1.289 ng/ul

RT: 24.05 min Scan# 3534

Delta R.T. 0.02 min

Lab File: BG030804.D

Acq: 7 Nov 2017 9:18

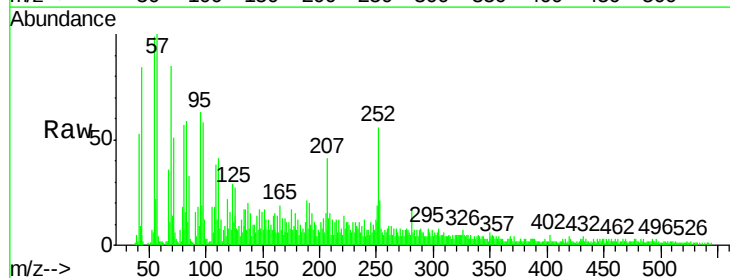
Tgt Ion:252 Resp: 42734

Ion Ratio Lower Upper

252 100

253 37.2 17.0 25.4#

125 48.2 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

