

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030603.D
 Acq On : 31 Oct 2017 6:38
 Operator : SJ/JU
 Sample : I5886-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESNF1

Quant Time: Oct 31 08:33:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	355564	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	228316	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	492027	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	521568	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	524255	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	7665	4.51	ng/uL	0.00
5) Phenol-d5	7.31	99	160498	24.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	98567	23.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	133683	28.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	119849	22.36	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	71298	27.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	87700	33.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	160494	26.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	134750	19.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	527886	27.04	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	651635	27.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	60928	16.91	ng/ul	0.00
57) Fluorene-d10	15.76	176	470068	29.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	65747	27.37	ng/ul	0.00
70) Anthracene-d10	17.61	188	668685	28.74	ng/ul	0.00
76) Pyrene-d10	19.89	212	778961	28.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	724291	29.17	ng/ul	0.00

Target Compounds

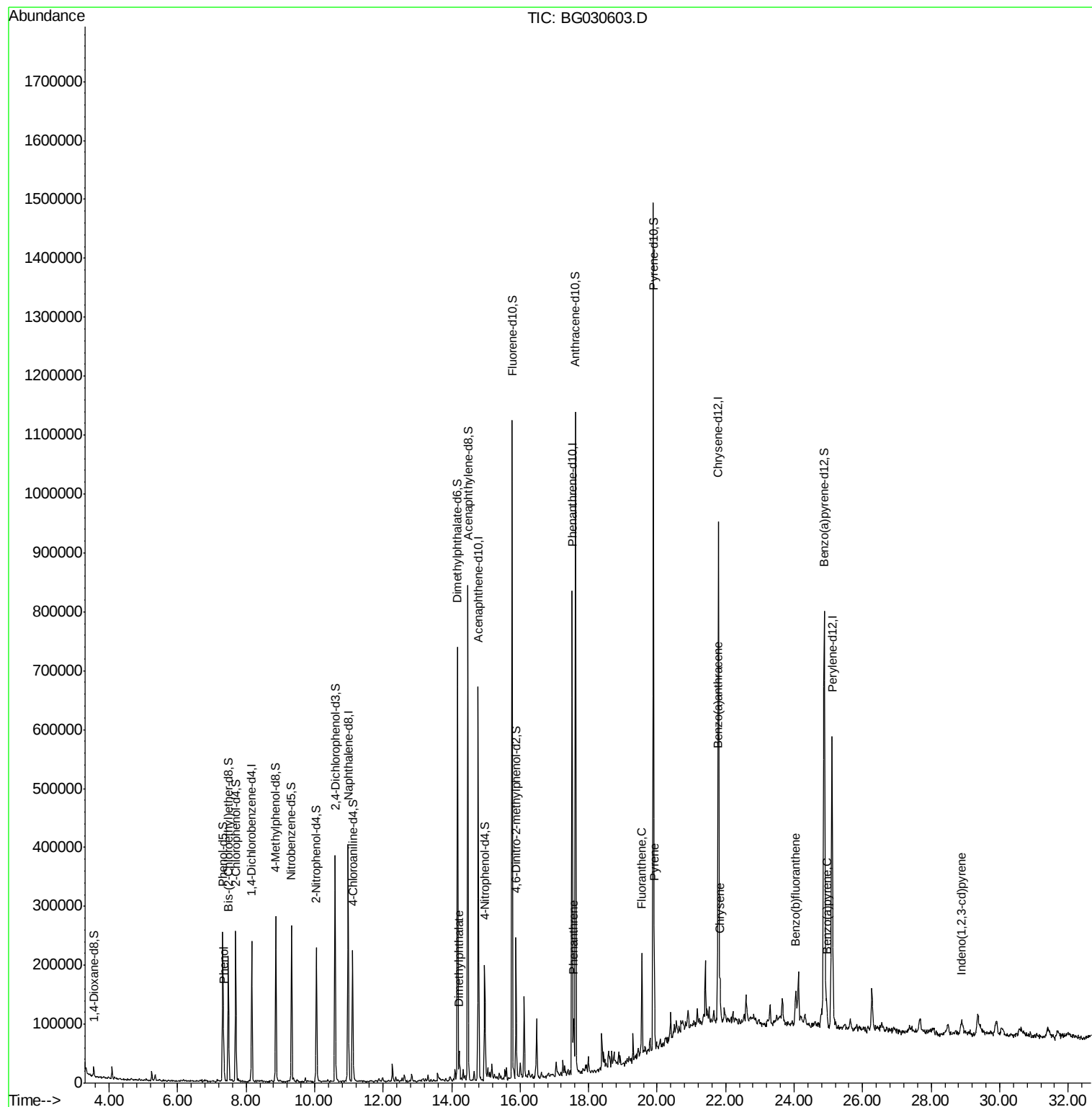
					Qvalue
6) Phenol	7.34	94	25654	3.736	ng/ul 90
44) Dimethylphthalate	14.22	163	29867	1.569	ng/ul 99
69) Phenanthrene	17.56	178	60231	2.264	ng/ul 97
74) Fluoranthene	19.55	202	107874	3.629	ng/ul 99
77) Pyrene	19.92	202	97169	2.780	ng/ul 98
80) Benzo(a)anthracene	21.77	228	57096	1.747	ng/ul 99
82) Chrysene	21.84	228	54719	1.842	ng/ul 98
85) Benzo(b)fluoranthene	24.05	252	70068	2.226	ng/ul 94
88) Benzo(a)pyrene	24.94	252	52664	1.719	ng/ul# 93
89) Indeno(1,2,3-cd)pyrene	28.90	276	37634	1.086	ng/ul 99

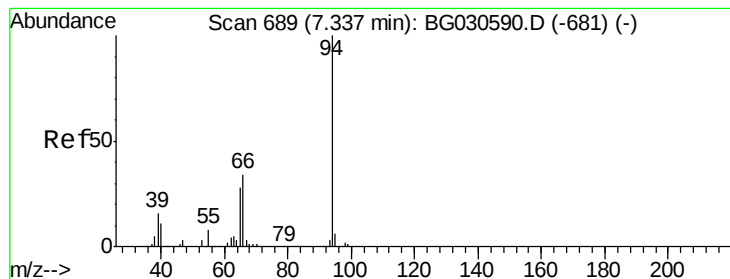
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.736 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

Instrument :

BNA_G

ClientSampleId :

ESNF1

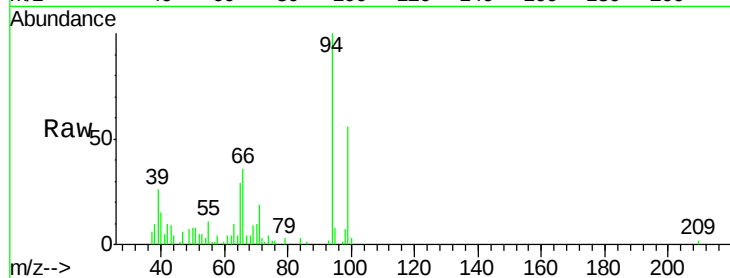
Tgt Ion: 94 Resp: 25654

Ion Ratio Lower Upper

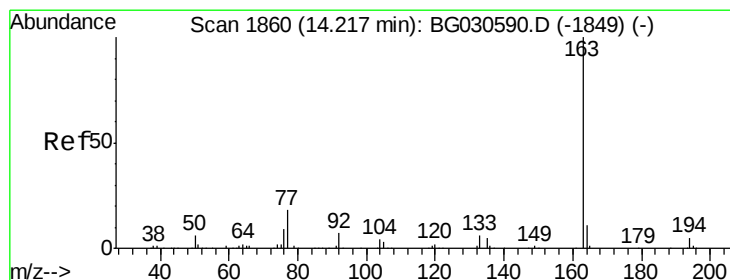
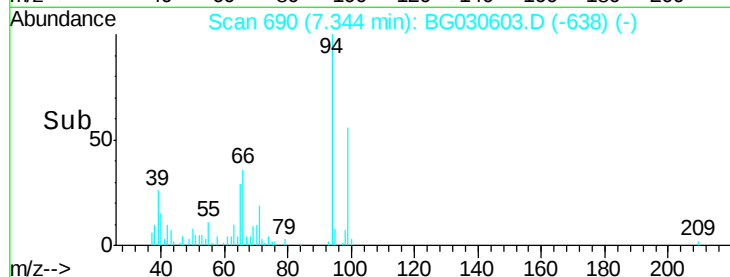
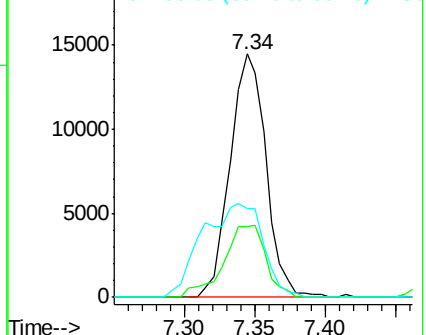
94 100

65 29.0 27.1 40.7

66 36.3 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: 1.569 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

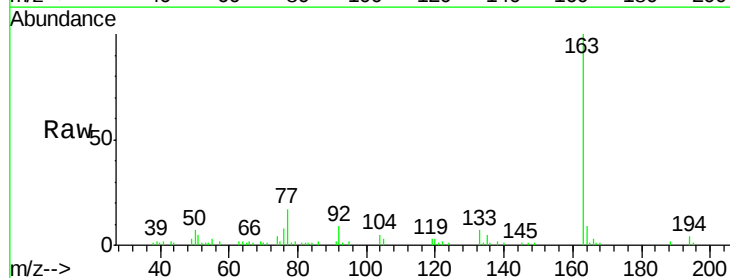
Tgt Ion: 163 Resp: 29867

Ion Ratio Lower Upper

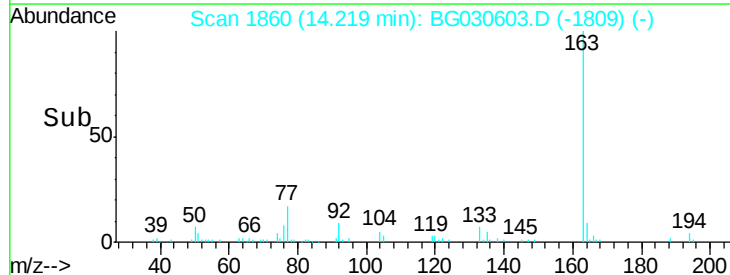
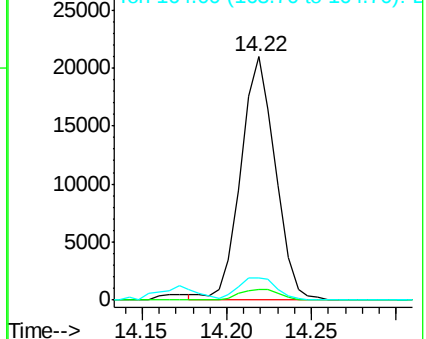
163 100

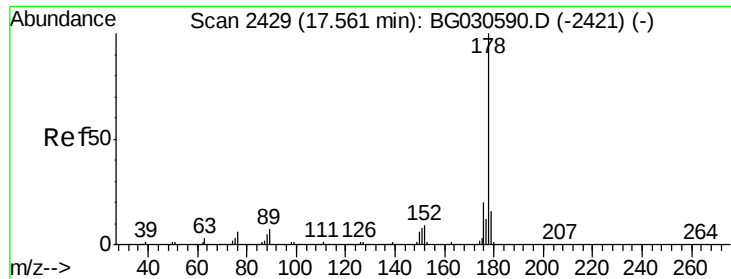
194 4.2 3.5 5.3

164 9.1 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: 2.264 ng/ul

RT: 17.56 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

Instrument :

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ClientSampleId :

ESNF1

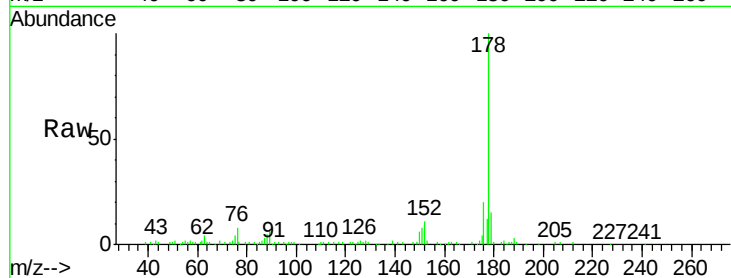
Tgt Ion:178 Resp: 60231

Ion Ratio Lower Upper

178 100

179 14.6 13.0 19.6

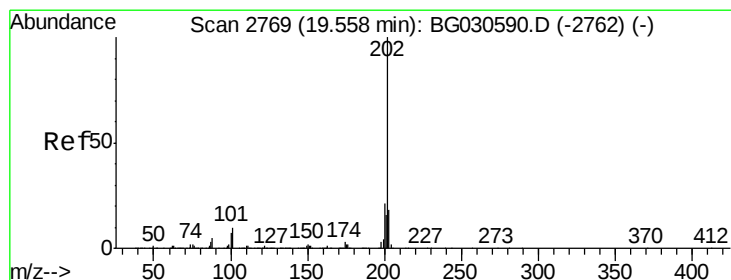
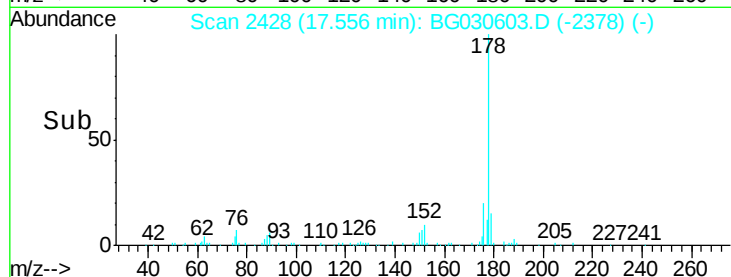
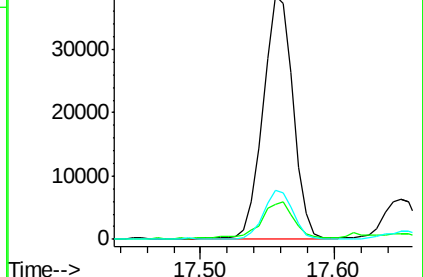
176 20.0 15.3 22.9



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: 3.629 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

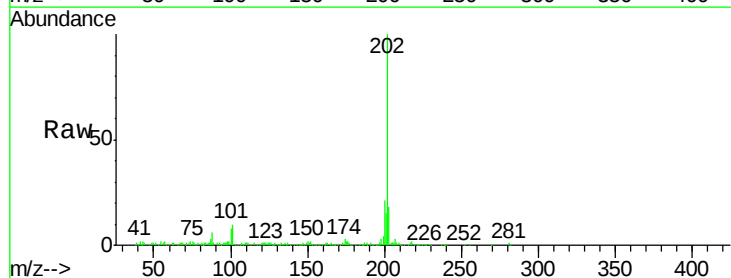
Tgt Ion:202 Resp: 107874

Ion Ratio Lower Upper

202 100

101 9.5 7.4 11.2

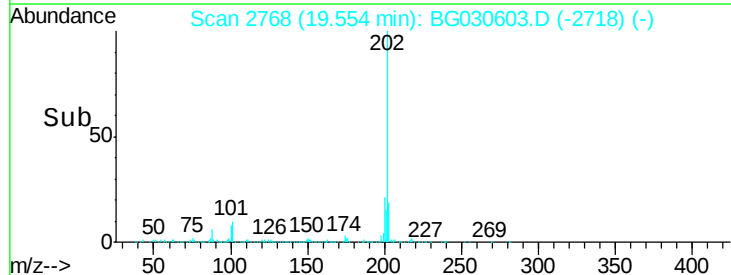
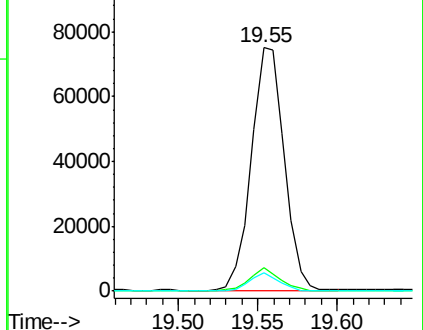
100 7.8 5.6 8.4

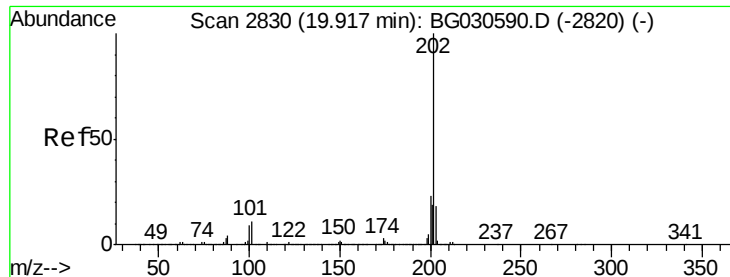


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.780 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

Instrument :

BNA_G

ClientSampleId :

ESNF1

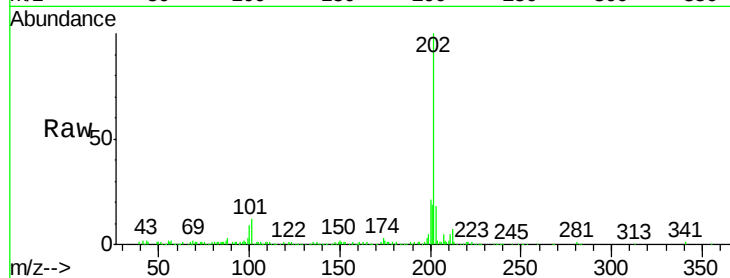
Tgt Ion:202 Resp: 97169

Ion Ratio Lower Upper

202 100

101 11.7 8.4 12.6

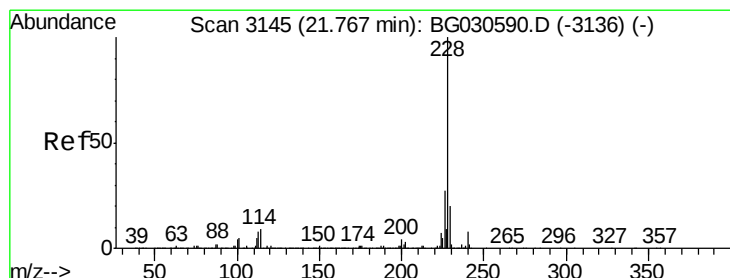
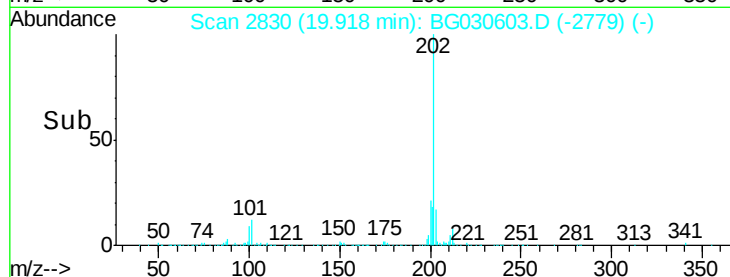
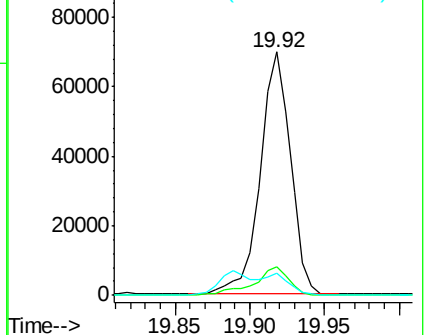
100 9.2 7.0 10.6



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: 1.747 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

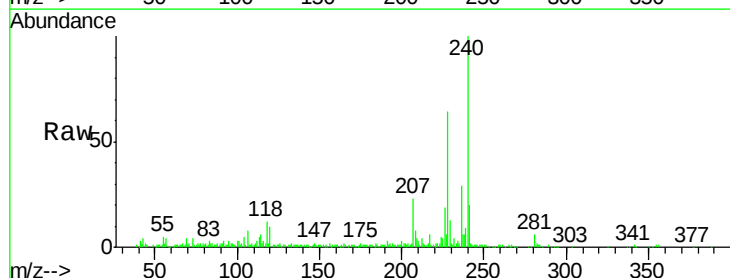
Tgt Ion:228 Resp: 57096

Ion Ratio Lower Upper

228 100

229 20.4 16.2 24.4

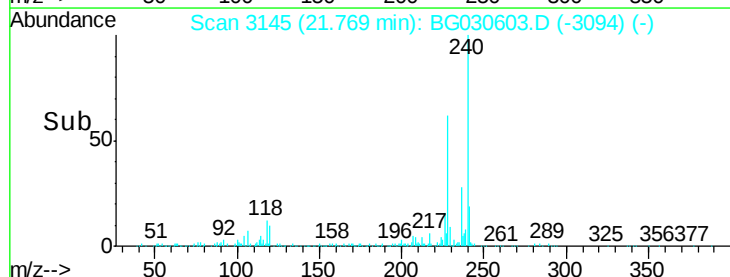
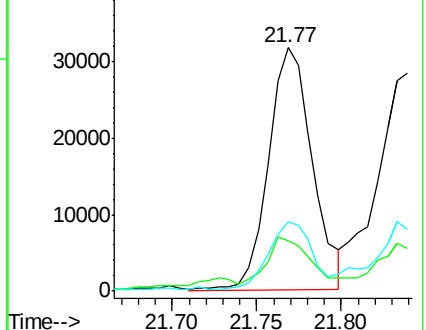
226 28.7 22.2 33.2

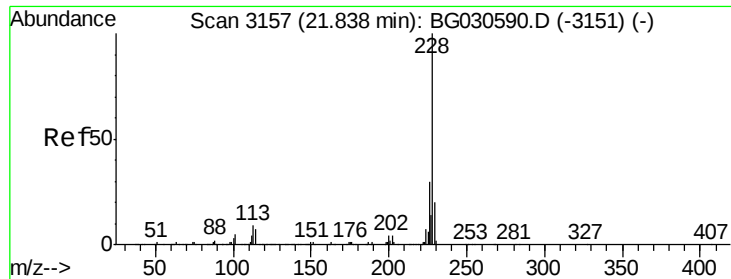


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.842 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

Instrument :

BNA_G

ClientSampleId :

ESNF1

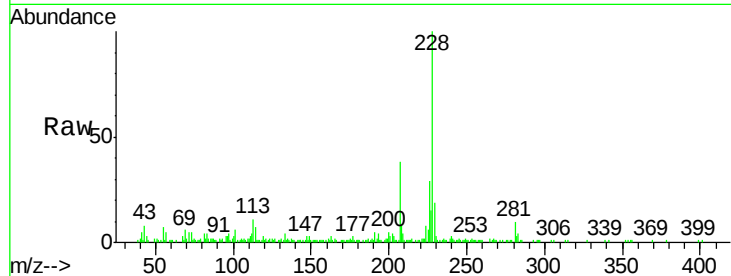
Tgt Ion:228 Resp: 54719

Ion Ratio Lower Upper

228 100

226 28.6 24.2 36.2

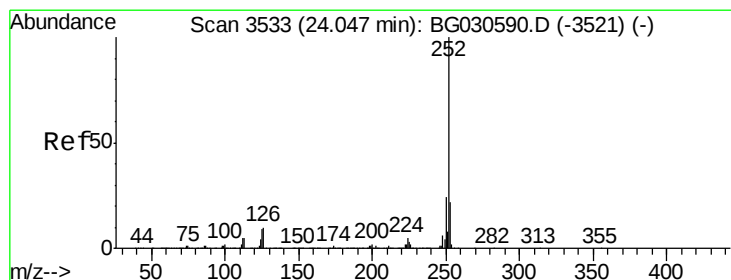
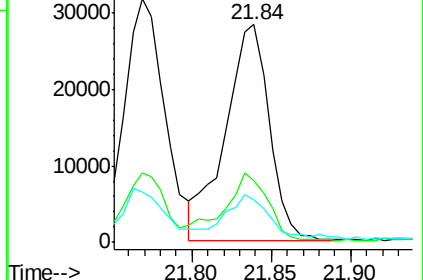
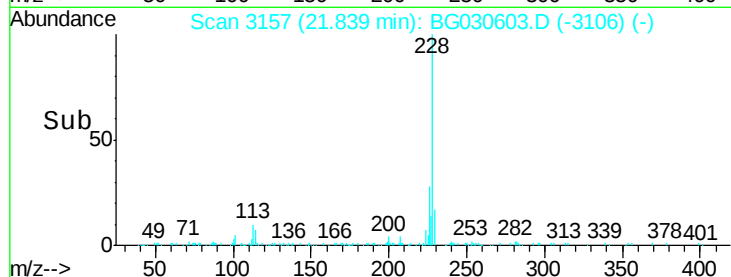
229 19.5 15.2 22.8



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: 2.226 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

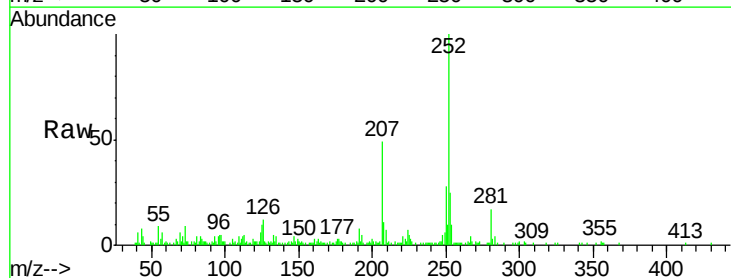
Tgt Ion:252 Resp: 70068

Ion Ratio Lower Upper

252 100

253 24.6 17.0 25.4

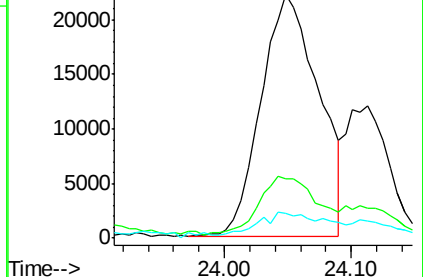
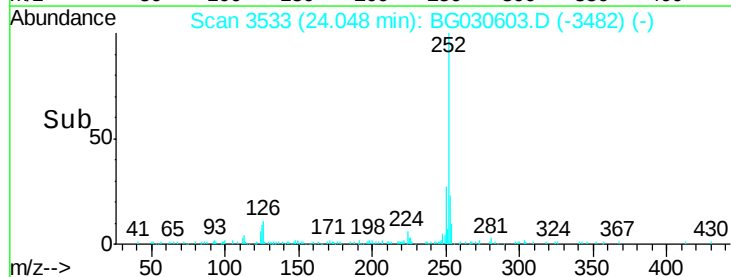
125 10.3 7.5 11.3

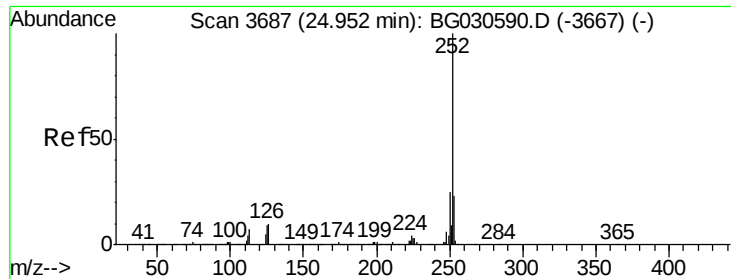


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.719 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

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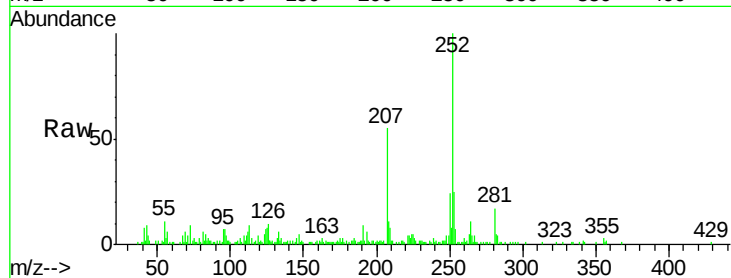
Tgt Ion:252 Resp: 52664

Ion Ratio Lower Upper

252 100

253 24.7 17.1 25.7

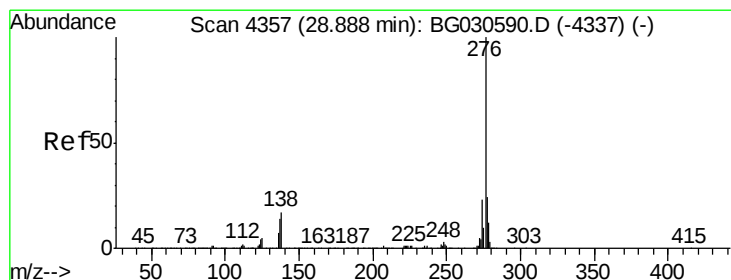
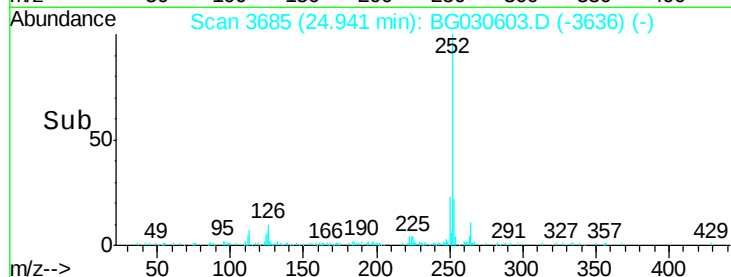
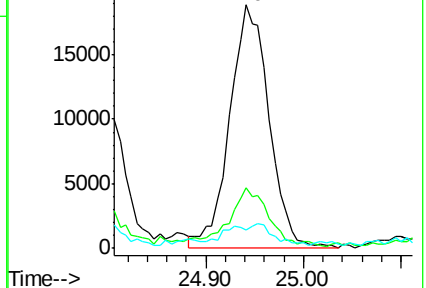
125 7.7 7.8 11.8#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.086 ng/ul

RT: 28.90 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG030603.D

Acq: 31 Oct 2017 6:38

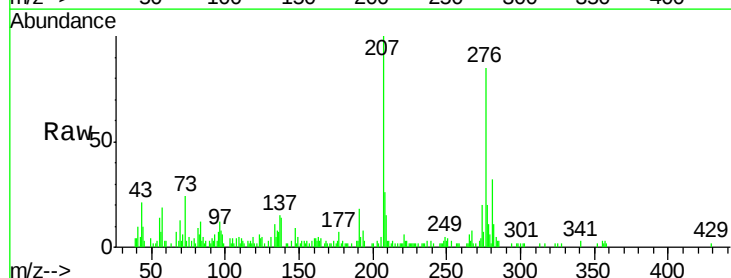
Tgt Ion:276 Resp: 37634

Ion Ratio Lower Upper

276 100

138 16.1 13.4 20.0

277 23.5 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

