

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030818.D
 Acq On : 7 Nov 2017 21:40
 Operator : SJ/JU
 Sample : I6004-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 01:12:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:10:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	321764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	213261	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	515033	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	531628	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	544085	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6558	4.13	ng/uL	0.00
5) Phenol-d5	7.31	99	130101	20.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	79910	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	108474	24.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	79958	15.97	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	59592	25.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	71683	30.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	121010	22.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	127926	20.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	433956	23.80	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	536492	24.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	55535	16.50	ng/ul	0.00
57) Fluorene-d10	15.76	176	396990	26.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	53890	21.44	ng/ul	0.00
70) Anthracene-d10	17.61	188	578744	23.76	ng/ul	0.00
76) Pyrene-d10	19.88	212	702900	25.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	662428	25.71	ng/ul	0.00

Target Compounds

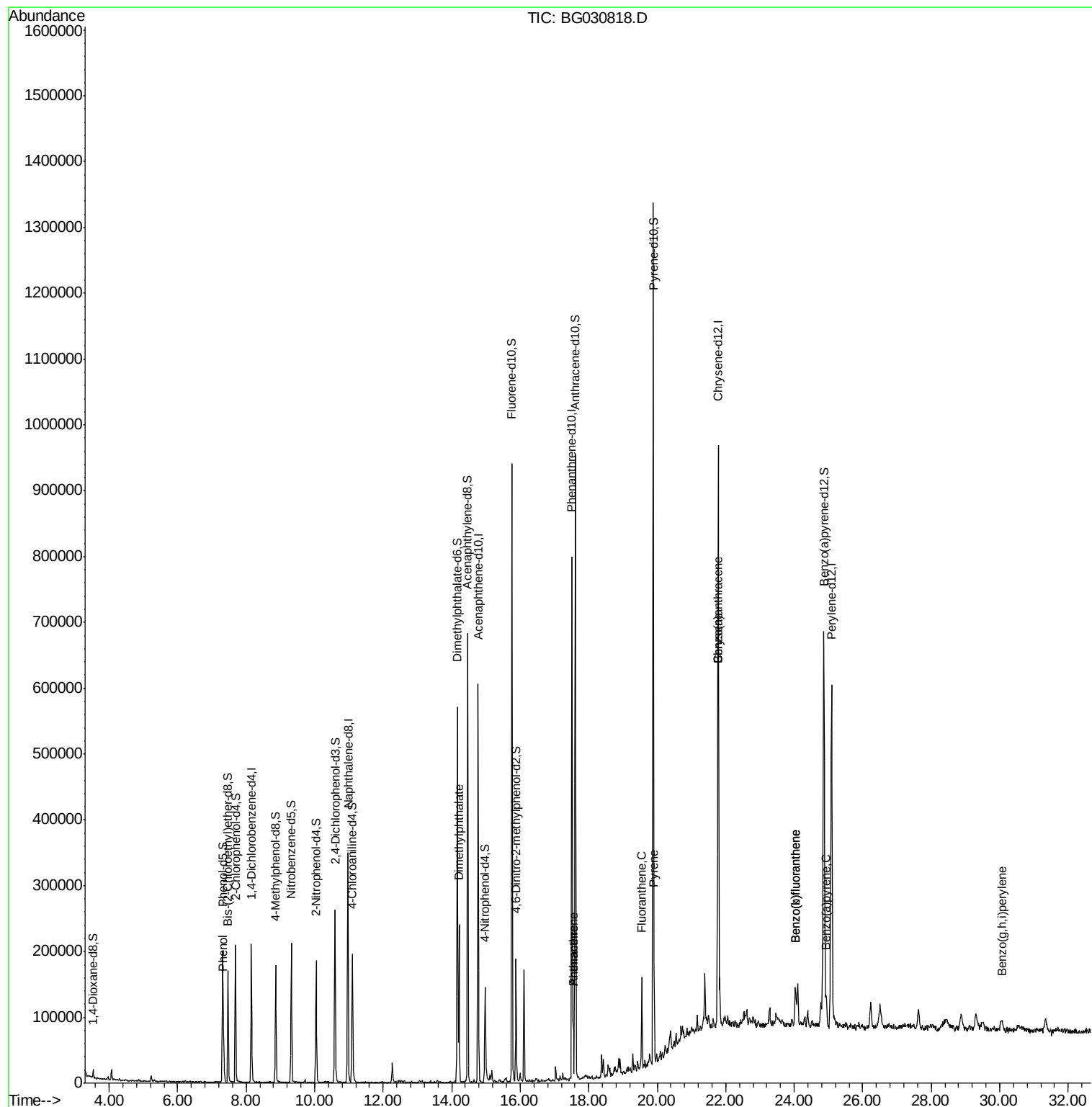
					Ovalue
6) Phenol	7.34	94	34319	5.351	ng/ul 88
44) Dimethylphthalate	14.21	163	168246	9.461	ng/ul 97
69) Phenanthrene	17.55	178	43846	1.575	ng/ul 99
71) Anthracene	17.55	178	43846	1.526	ng/ul 98
74) Fluoranthene	19.55	202	89184	2.866	ng/ul 99
77) Pyrene	19.91	202	88649	2.488	ng/ul 99
80) Benzo(a)anthracene	21.76	228	46804	1.405	ng/ul 96
82) Chrysene	21.76	228	46892	1.549	ng/ul 97
85) Benzo(b)fluoranthene	24.04	252	77337	2.368	ng/ul 95
86) Benzo(k)fluoranthene	24.04	252	77337	2.449	ng/ul 95
88) Benzo(a)pyrene	24.93	252	47131	1.482	ng/ul# 97
91) Benzo(g,h,i)perylene	30.06	276	31461	1.055	ng/ul# 91

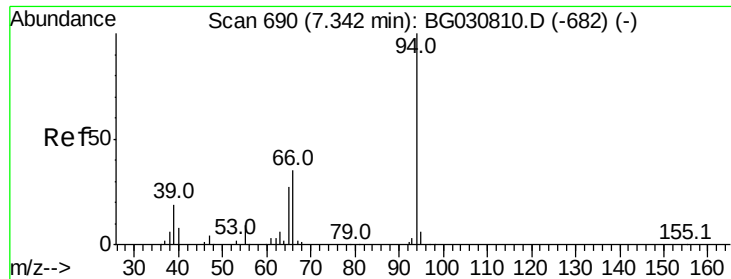
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:10:22 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.351 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

Instrument :

BNA_G

ClientSampleId :

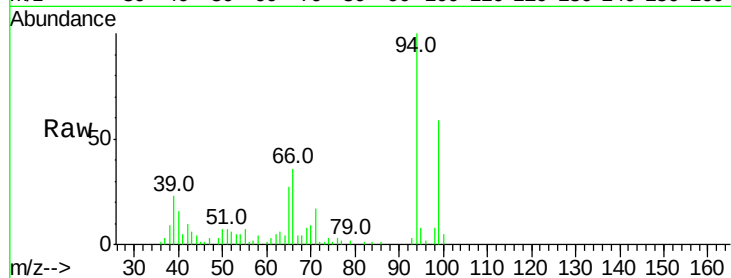
Tot Ion: 94 Resp: 34319

Ion Ratio Lower Upper

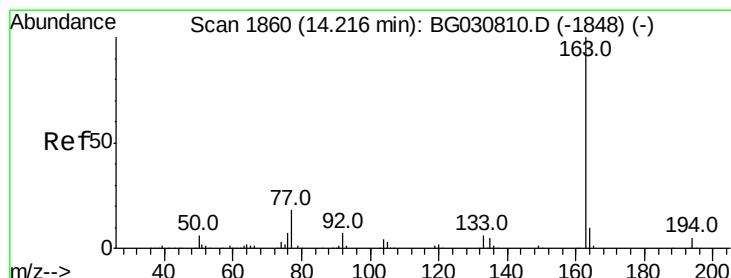
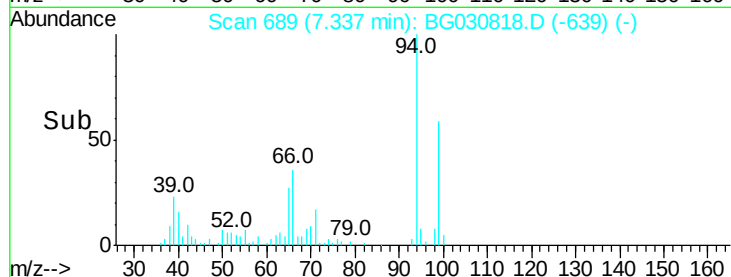
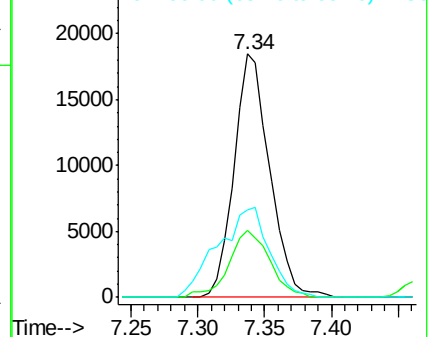
94 100

65 27.3 27.1 40.7

66 35.7 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: 9.461 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

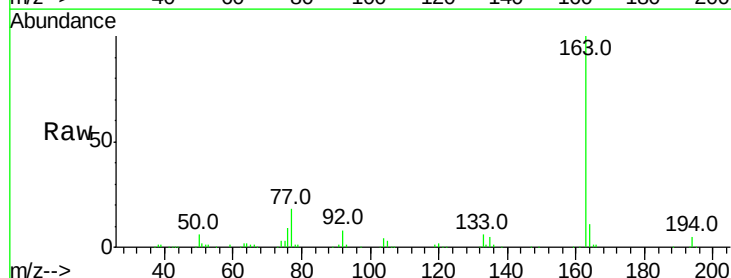
Tgt Ion:163 Resp: 168246

Ion Ratio Lower Upper

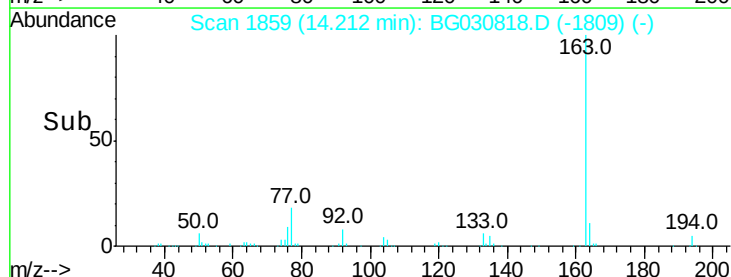
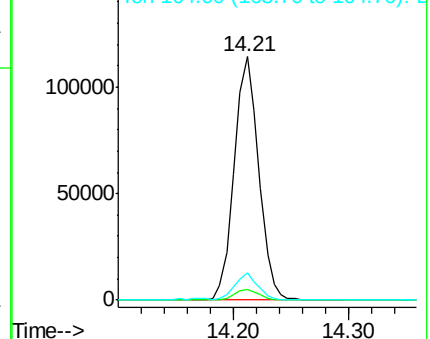
163 100

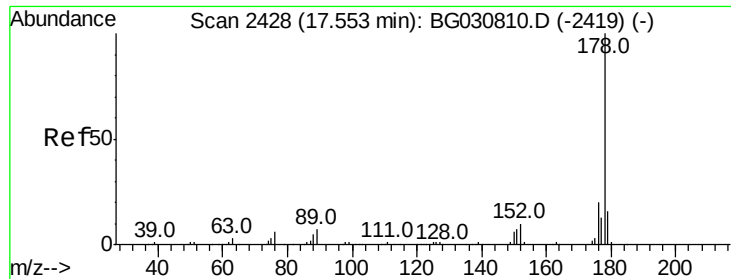
194 4.6 3.5 5.3

164 11.1 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: 1.575 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

Instrument :

BNA_G

ClientSampleId :

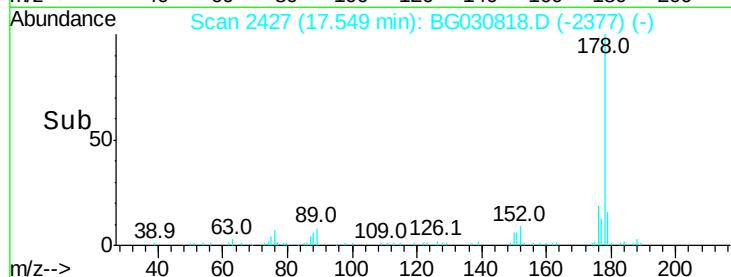
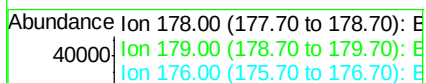
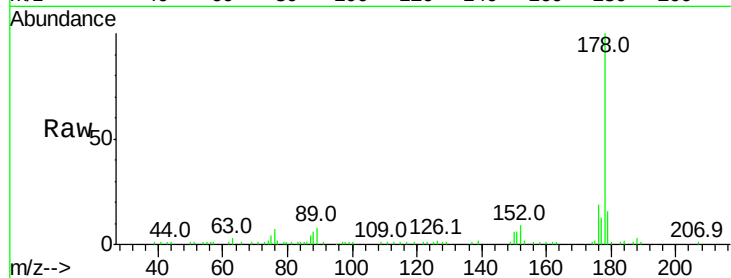
Tot Ion:178 Resp: 43846

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.6	15.3	22.9

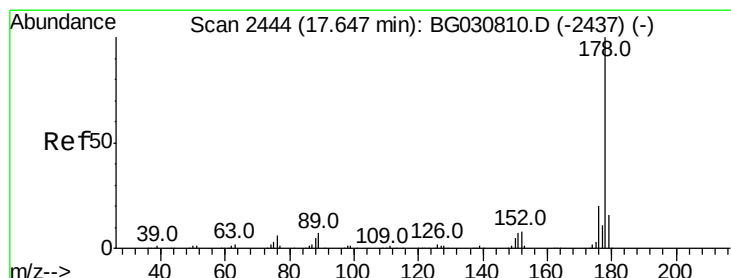
178 100

179 16.1 13.0 19.6

176 18.6 15.3 22.9



Time-->



#71

Anthracene

Concen: 1.526 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.10 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

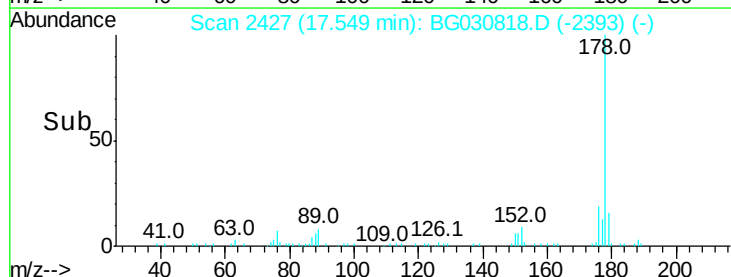
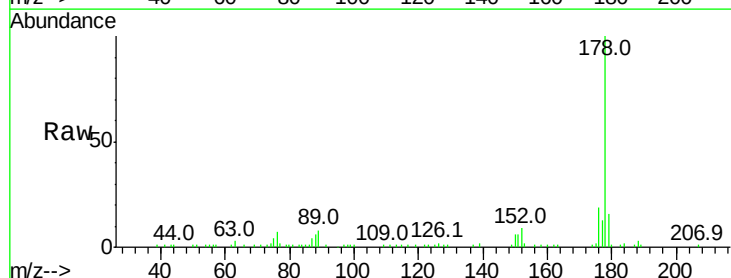
Tgt Ion:178 Resp: 43846

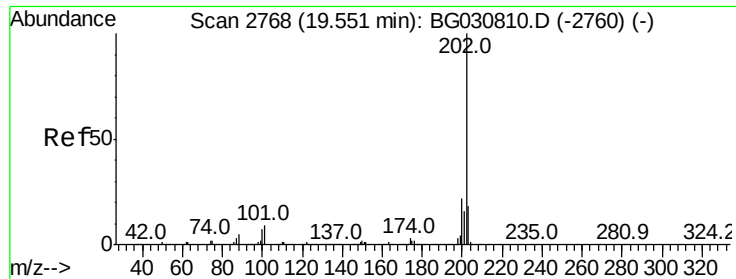
Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.2	19.8
176	18.6	16.0	24.0

178 100

179 16.1 13.2 19.8

176 18.6 16.0 24.0





#74

Fluoranthene

Concen: 2.866 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

Instrument :

BNA_G

ClientSampleId :

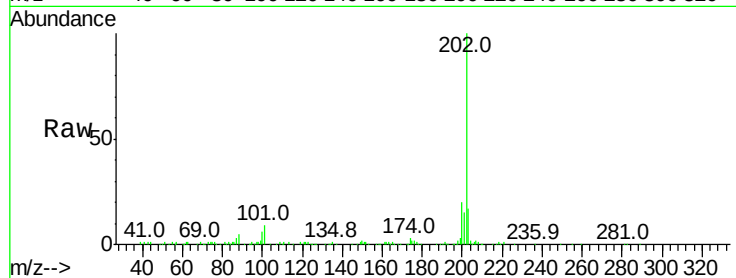
Tot Ion:202 Resp: 89184

Ion Ratio Lower Upper

202 100

101 9.3 7.4 11.2

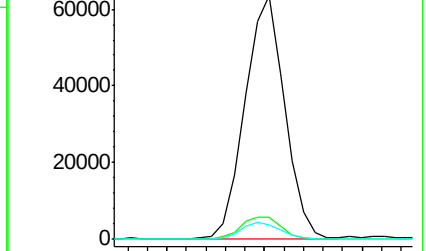
100 6.1 5.6 8.4



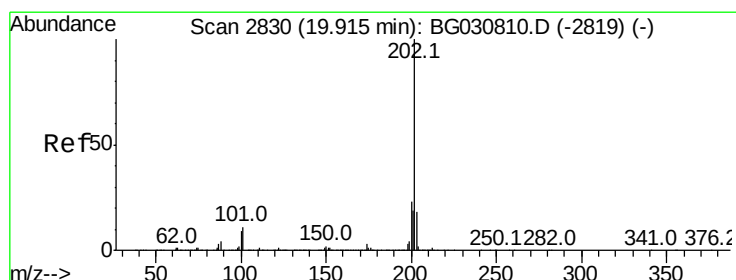
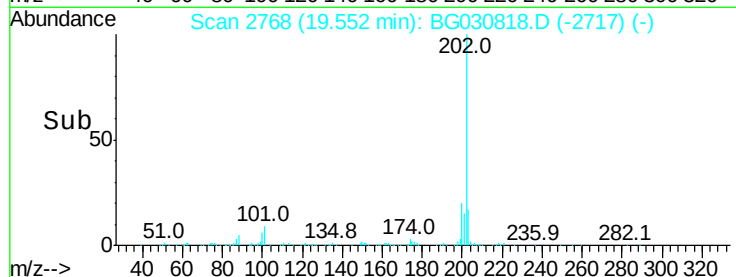
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 2.488 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

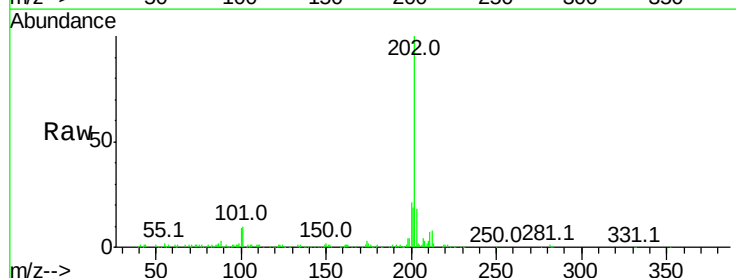
Tgt Ion:202 Resp: 88649

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

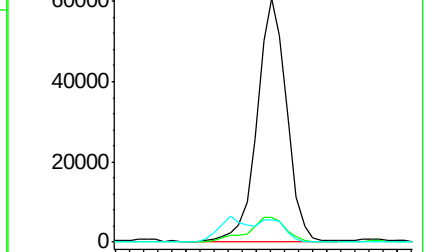
100 9.1 7.0 10.6



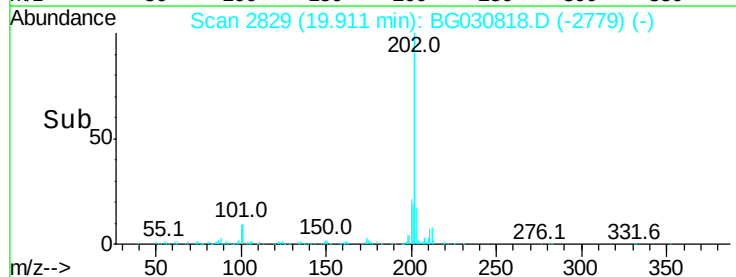
Abundance Ion 202.00 (201.70 to 202.70): E

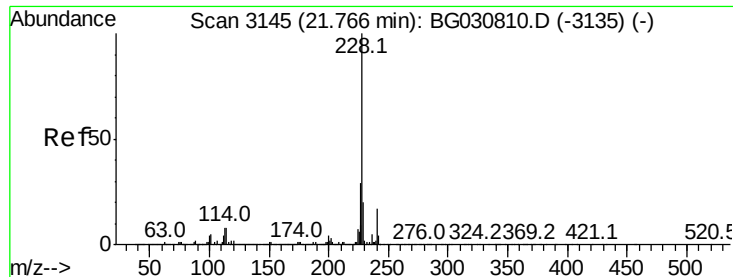
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 1.405 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG030818.D

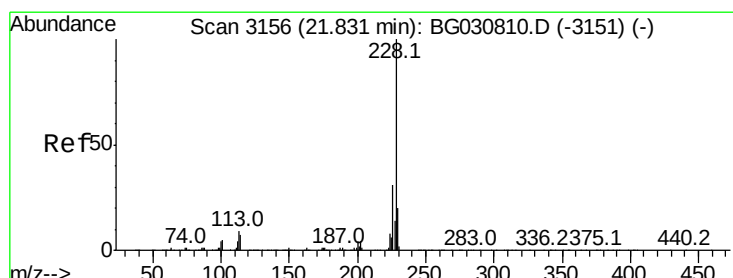
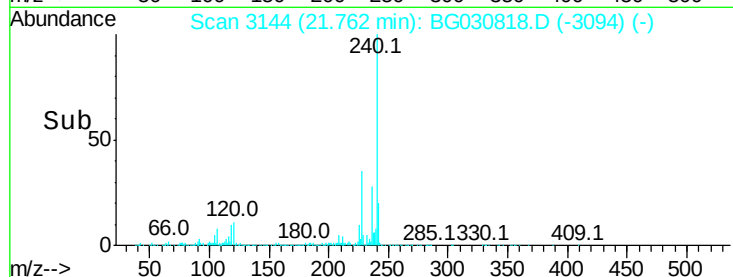
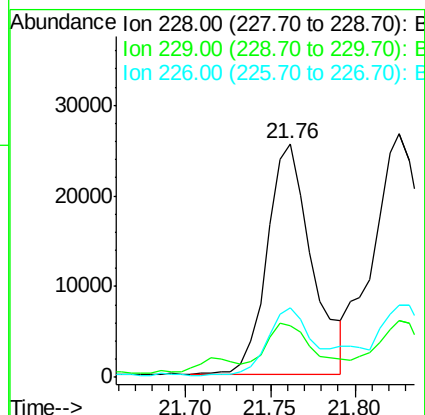
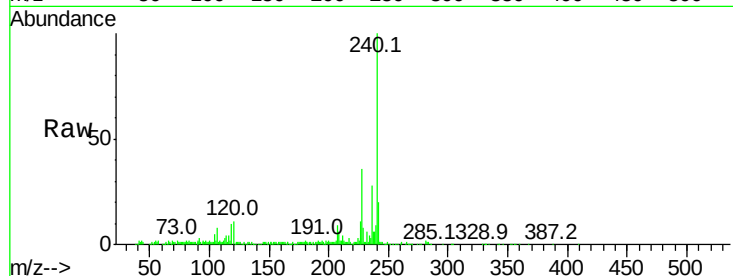
Acq: 7 Nov 2017 21:40

Instrument :

BNA_G

ClientSampleId :

Tot	Ion:228	Resp:	46804
Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.2	24.4
226	30.0	22.2	33.2



#82

Chrysene

Concen: 1.549 ng/ul

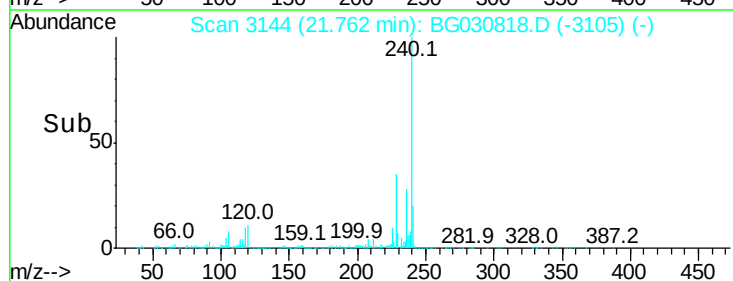
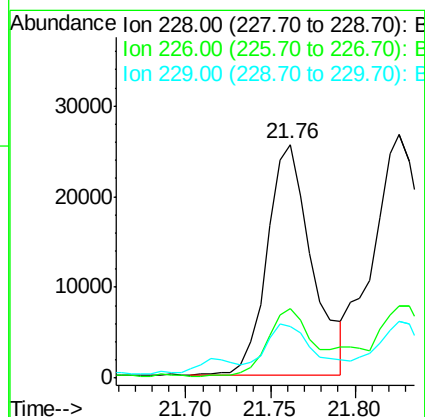
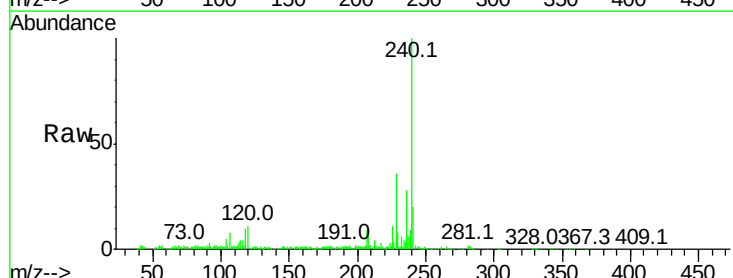
RT: 21.76 min Scan# 3144

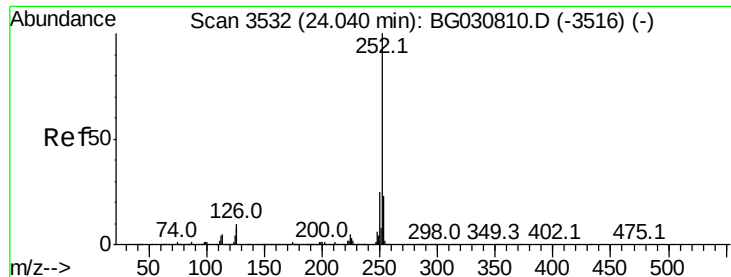
Delta R.T. -0.07 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

Tgt Ion	228	Resp: Lower	46892 Upper
	Ratio		
228	100		
226	30.0	24.2	36.2
229	21.9	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 2.368 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

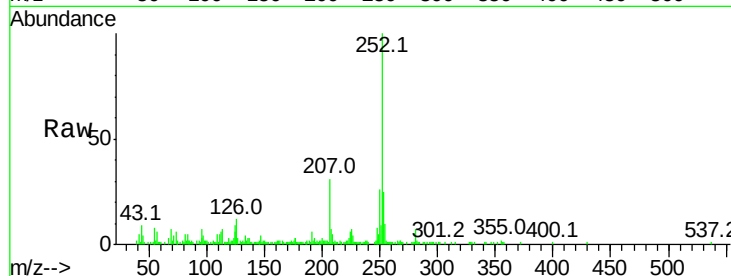
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 77337

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	9.5	7.5	11.3

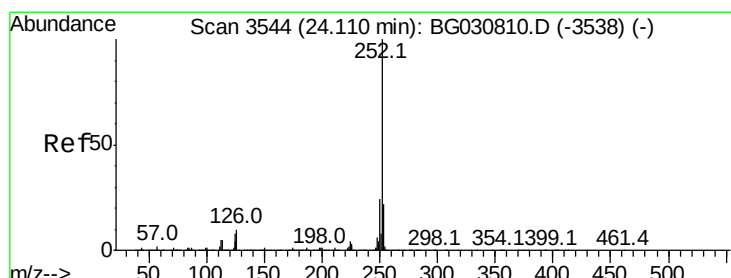
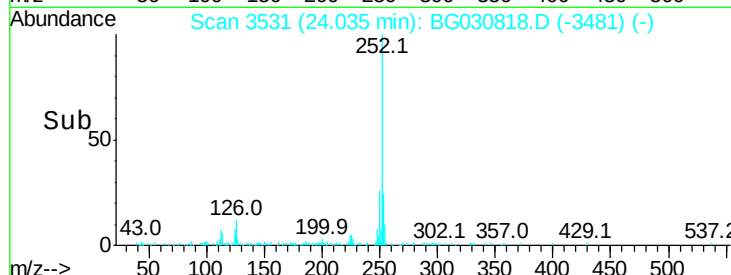
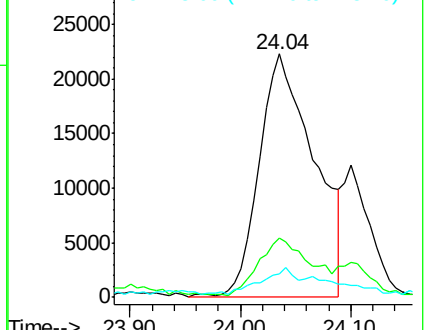


Abundance

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



#86

Benzo(k)fluoranthene

Concen: 2.449 ng/ul

RT: 24.04 min Scan# 3531

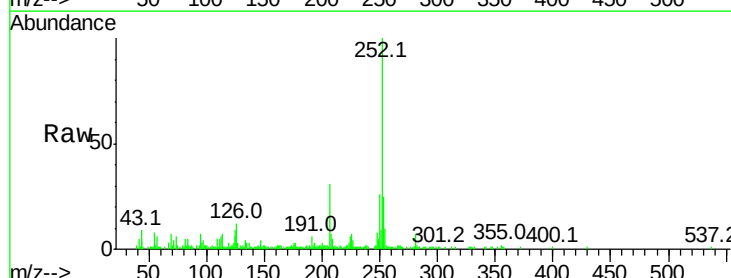
Delta R.T. -0.07 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

Tgt Ion:252 Resp: 77337

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	9.5	7.8	11.8

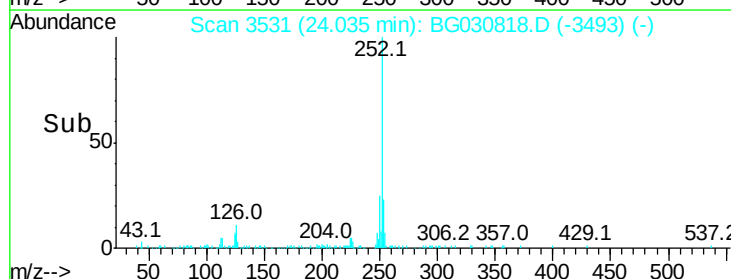
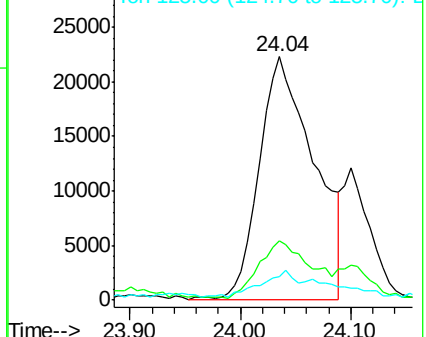


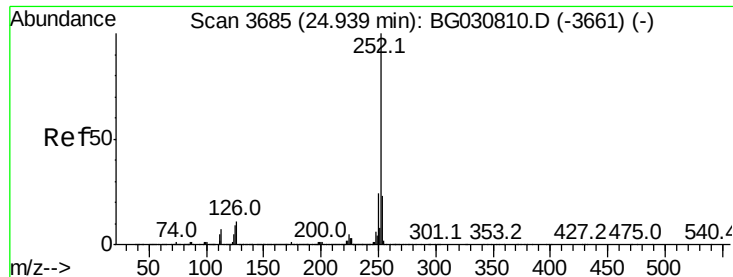
Abundance

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





#88

Benzo(a)pyrene

Concen: 1.482 ng/ul

RT: 24.93 min Scan# 3683

Delta R.T. -0.01 min

Lab File: BG030818.D

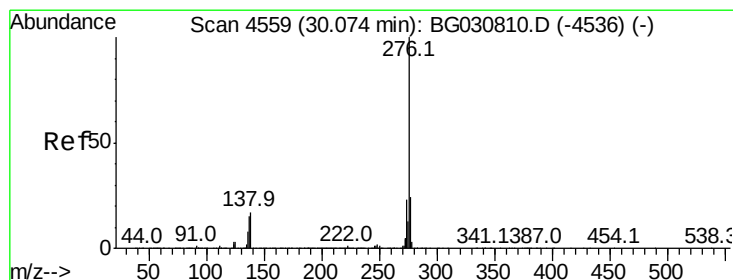
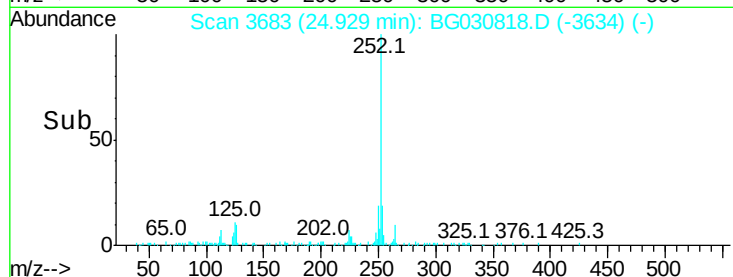
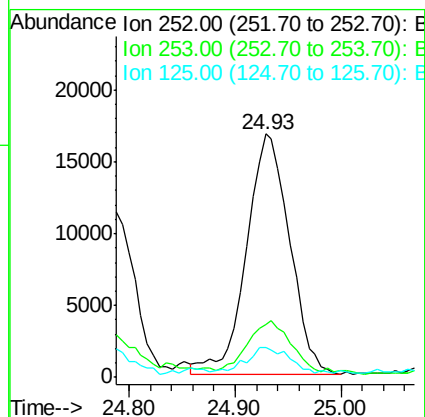
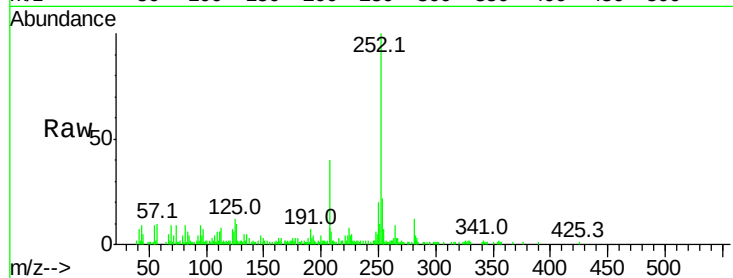
Acq: 7 Nov 2017 21:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	47131
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.1	7.8	11.8#



#91

Benzo(g,h,i)perylene

Concen: 1.055 ng/ul

RT: 30.06 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG030818.D

Acq: 7 Nov 2017 21:40

Tgt Ion:	276	Resp:	31461
Ion	Ratio	Lower	Upper
276	100		
138	19.4	12.1	18.1#
277	18.3	17.7	26.5

