

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030836.D
 Acq On : 8 Nov 2017 8:52
 Operator : SJ/JU
 Sample : I6222-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0ES5

Quant Time: Nov 08 10:44:26 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	81751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	392835	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	248867	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	571115	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	589268	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	608794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6609	3.29	ng/uL	0.00
5) Phenol-d5	7.31	99	138410	17.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	85002	17.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	117274	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	110245	17.40	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	59415	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	73049	25.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	126210	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	141823	18.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	424272	19.94	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	517556	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	51999	13.24	ng/ul	0.00
57) Fluorene-d10	15.76	176	385231	22.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	48103	17.25	ng/ul	0.00
70) Anthracene-d10	17.61	188	586492	21.71	ng/ul	0.00
76) Pyrene-d10	19.88	212	657552	21.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	634212	22.00	ng/ul	0.00

Target Compounds

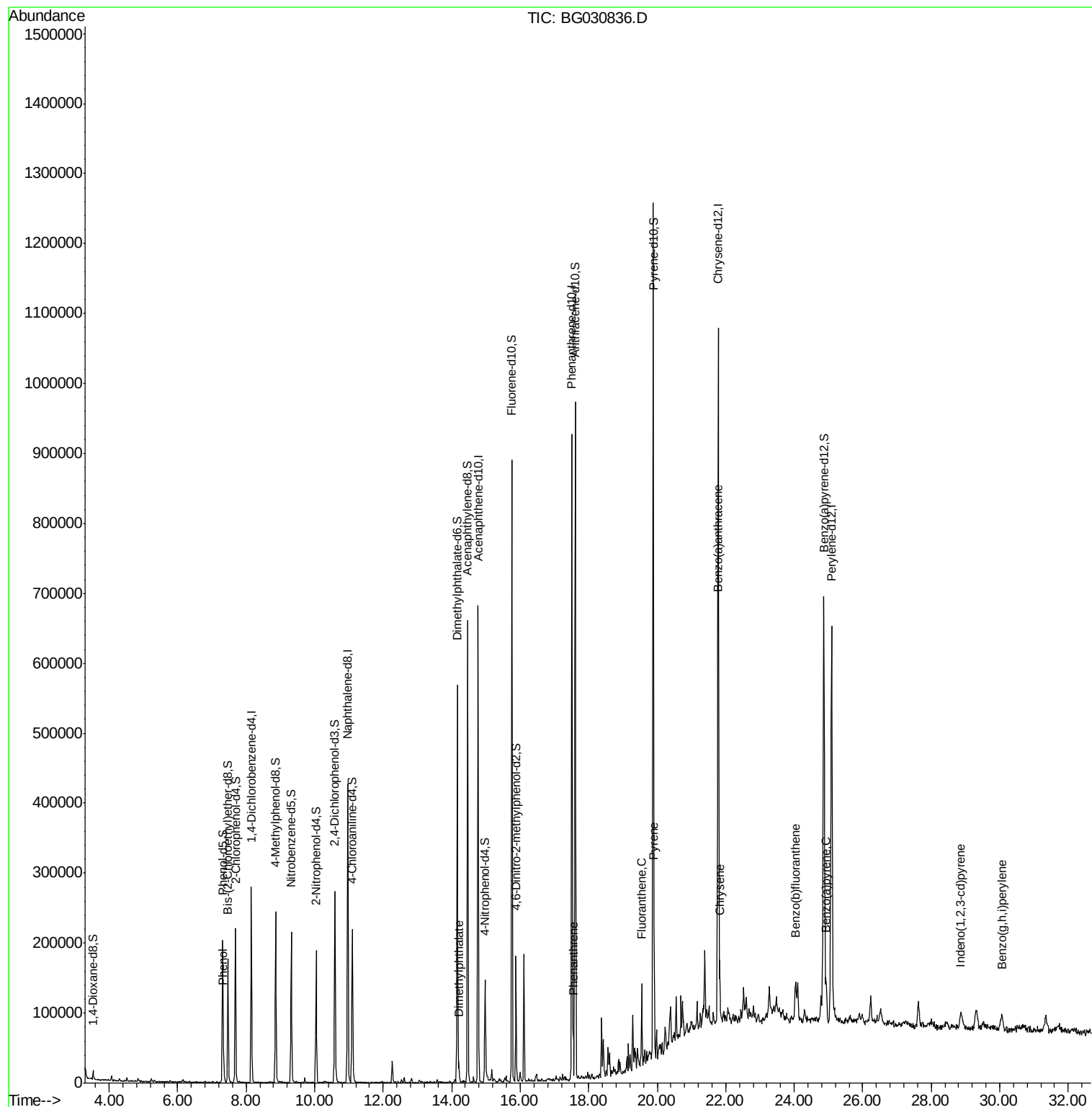
					Ovalue
6) Phenol	7.34	94	14174	1.746	ng/ul 96
44) Dimethylphthalate	14.21	163	20961	1.010	ng/ul 99
69) Phenanthrene	17.55	178	33235	1.076	ng/ul 99
74) Fluoranthene	19.55	202	70357	2.039	ng/ul 98
77) Pyrene	19.91	202	109423	2.771	ng/ul 100
80) Benzo(a)anthracene	21.76	228	61582	1.668	ng/ul 96
82) Chrysene	21.83	228	65263	1.945	ng/ul 96
85) Benzo(b)fluoranthene	24.04	252	70184	1.920	ng/ul 95
88) Benzo(a)pyrene	24.93	252	57626	1.620	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	28.87	276	40461	1.005	ng/ul 94
91) Benzo(g,h,i)perylene	30.05	276	40667	1.219	ng/ul# 94

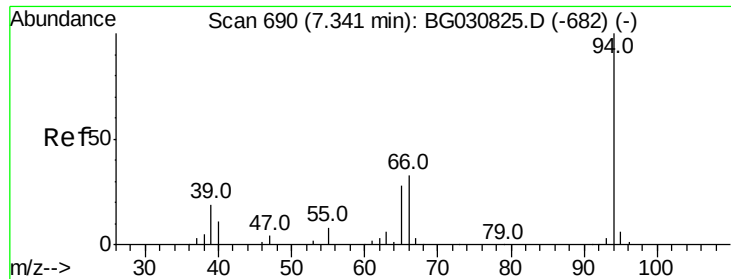
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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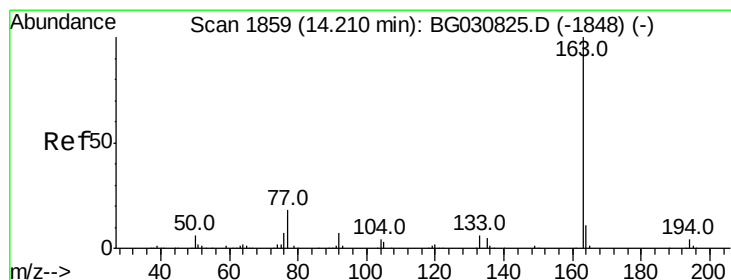
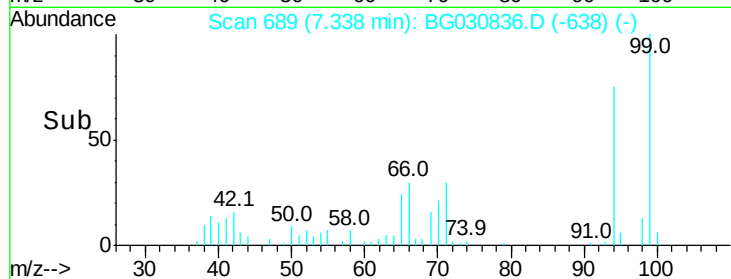
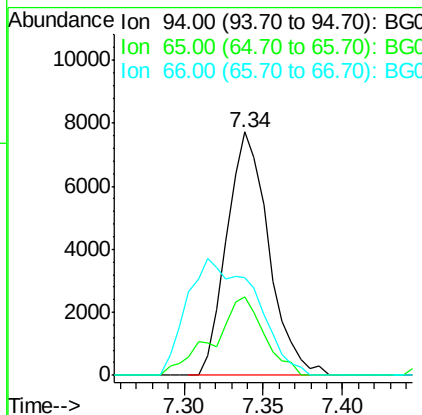
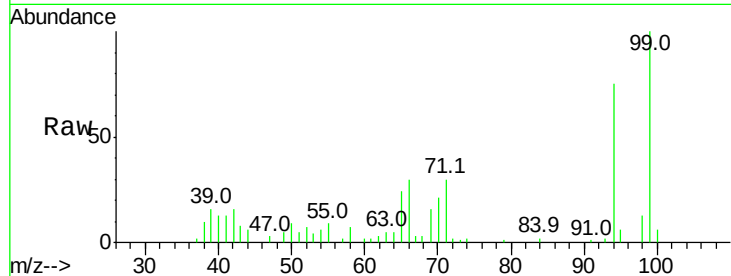
#6

Phenol

Concen: 1.746 ng/ul
 RT: 7.34 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BG030836.D
 Acq: 8 Nov 2017 8:52

Instrument :
 BNA_G
 ClientSampled :
 B0ES5

Tot Ion: 94 Resp: 14174
 Ion Ratio Lower Upper
 94 100
 65 32.3 27.1 40.7
 66 39.9 34.6 52.0

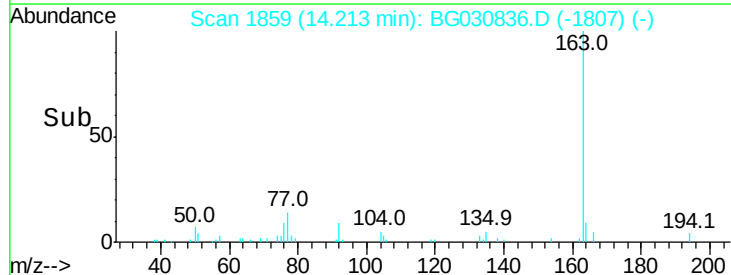
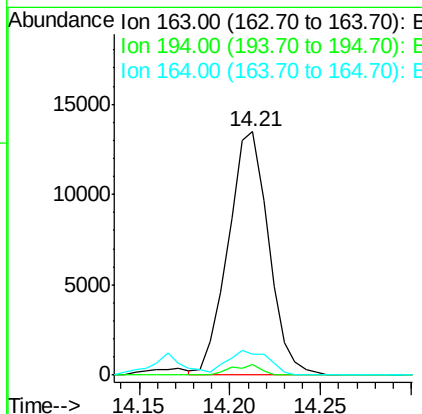
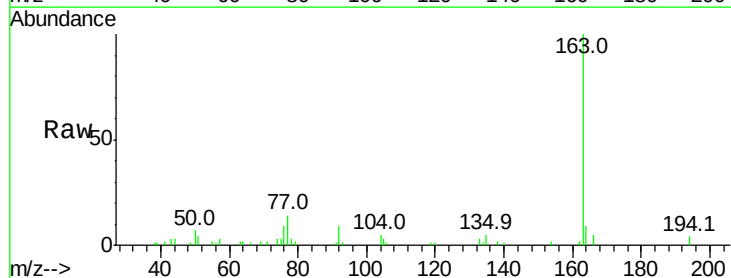


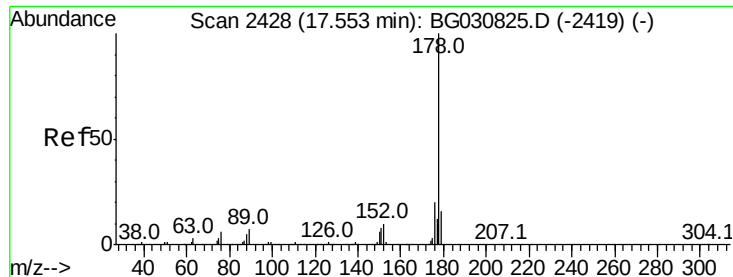
#44

Dimethylphthalate

Concen: 1.010 ng/ul
 RT: 14.21 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BG030836.D
 Acq: 8 Nov 2017 8:52

Tgt Ion:163 Resp: 20961
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.5 5.3
 164 8.8 7.6 11.4





#69

Phenanthrene

Concen: 1.076 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

Instrument :

BNA_G

ClientSampleId :

B0ES5

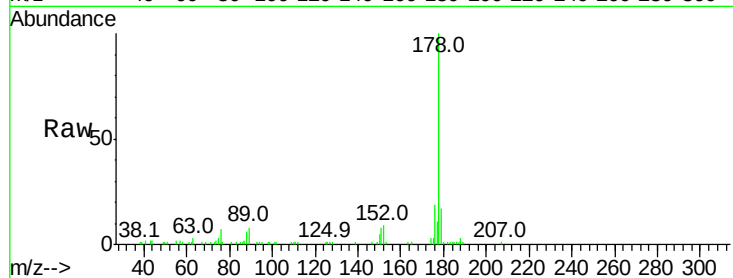
Tot Ion:178 Resp: 33235

Ion Ratio Lower Upper

178 100

179 17.2 13.0 19.6

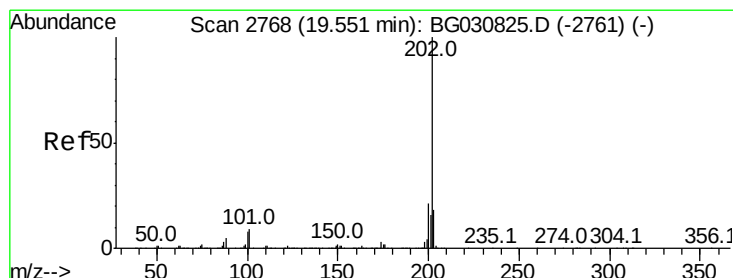
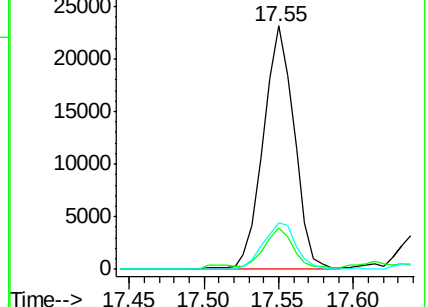
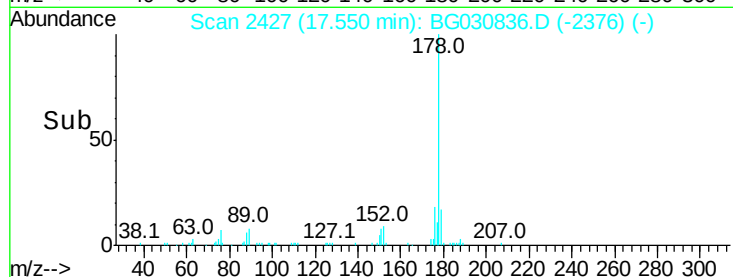
176 18.9 15.3 22.9



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: 2.039 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

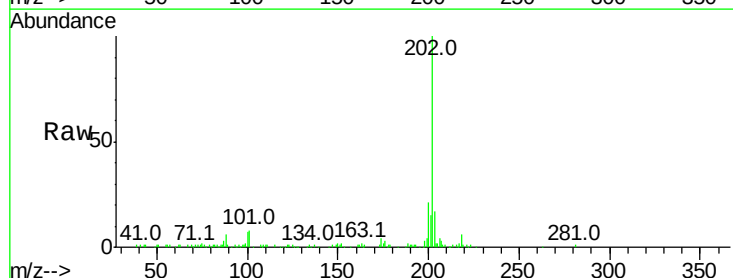
Tgt Ion:202 Resp: 70357

Ion Ratio Lower Upper

202 100

101 8.0 7.4 11.2

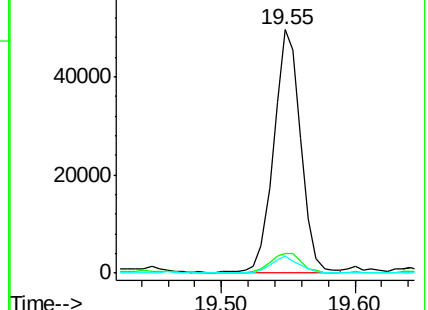
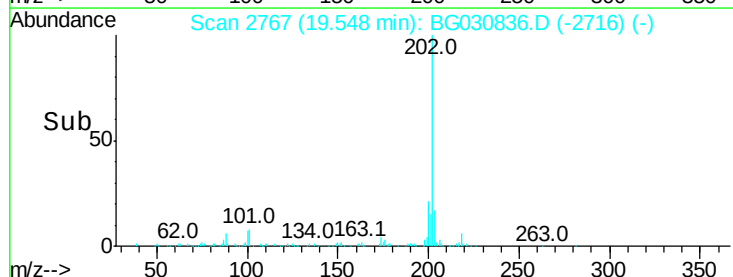
100 6.8 5.6 8.4

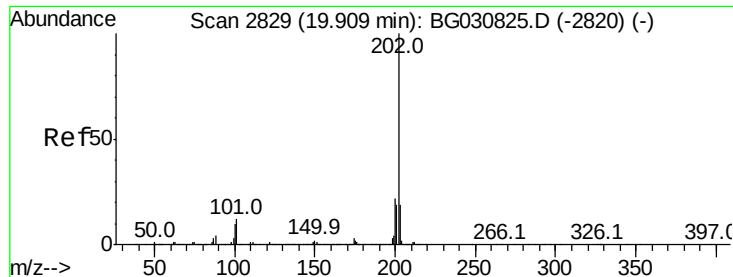


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 2.771 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

Instrument :

BNA_G

ClientSampleId :

B0ES5

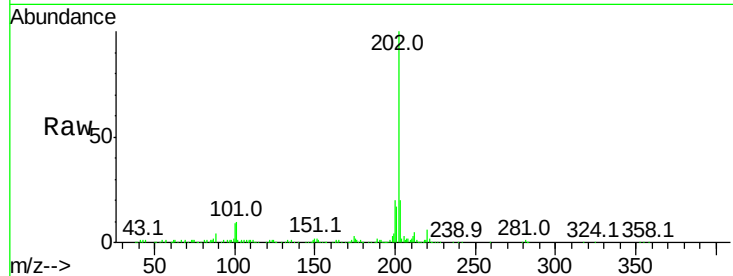
Tot Ion:202 Resp: 109423

Ion Ratio Lower Upper

202 100

101 10.3 8.4 12.6

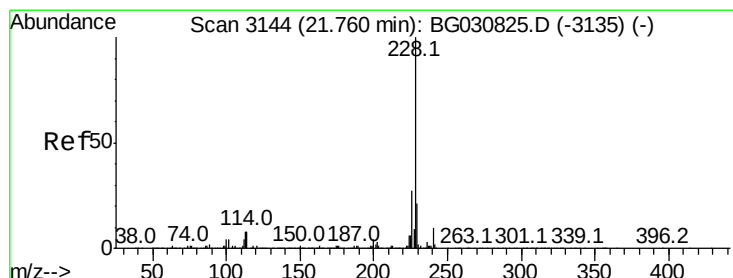
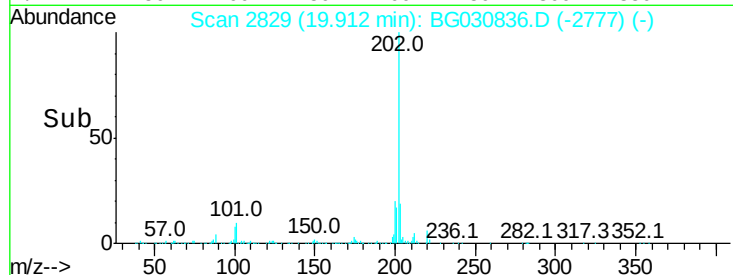
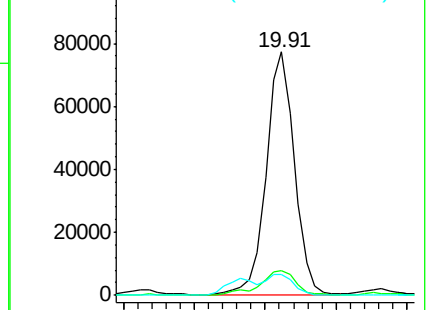
100 8.6 7.0 10.6



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: 1.668 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

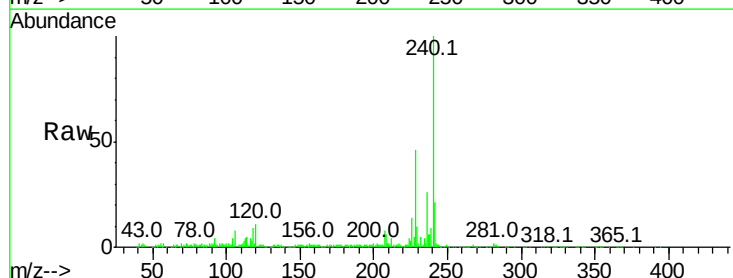
Tgt Ion:228 Resp: 61582

Ion Ratio Lower Upper

228 100

229 22.3 16.2 24.4

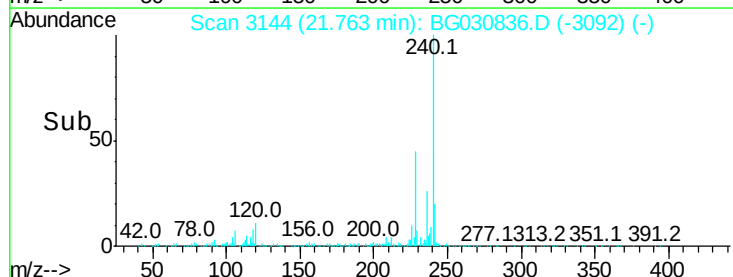
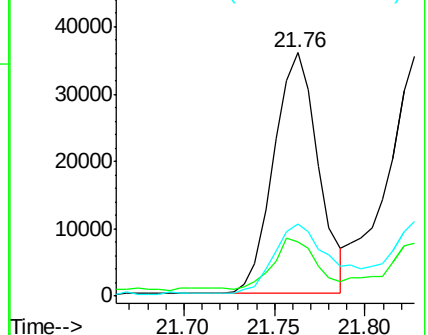
226 29.6 22.2 33.2

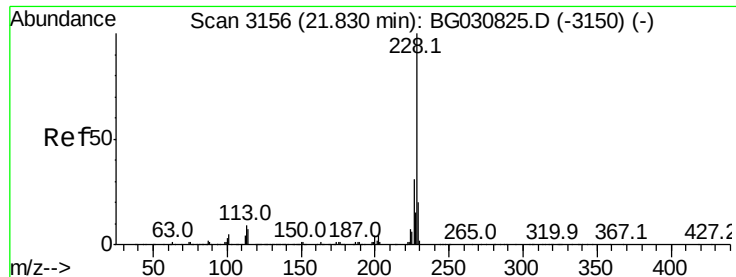


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.945 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

Instrument :

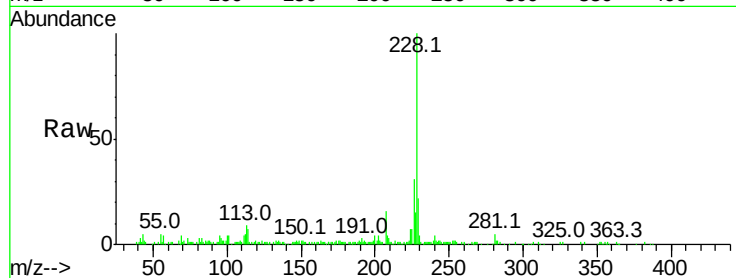
BNA_G

ClientSampleId :

B0ES5

Tot Ion:228 Resp: 65263

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	22.2	15.2	22.8

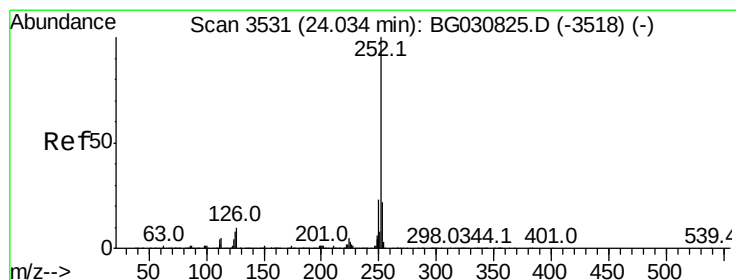
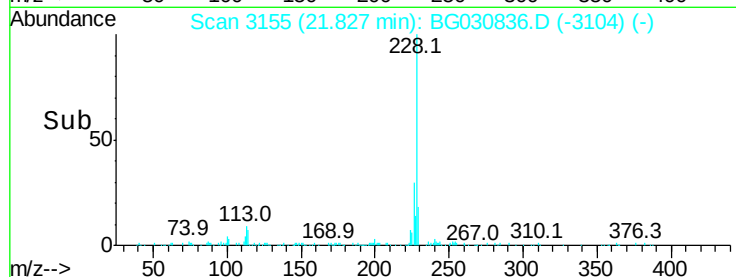
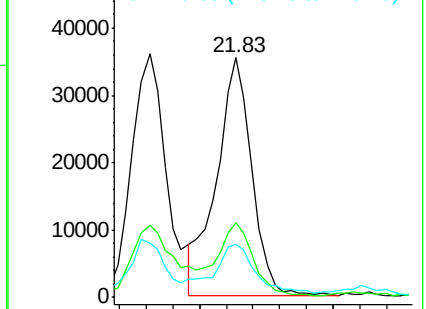


Abundance

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: 1.920 ng/ul

RT: 24.04 min Scan# 3531

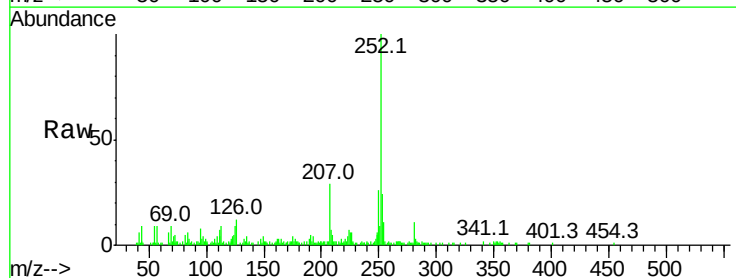
Delta R.T. 0.00 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

Tgt Ion:252 Resp: 70184

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

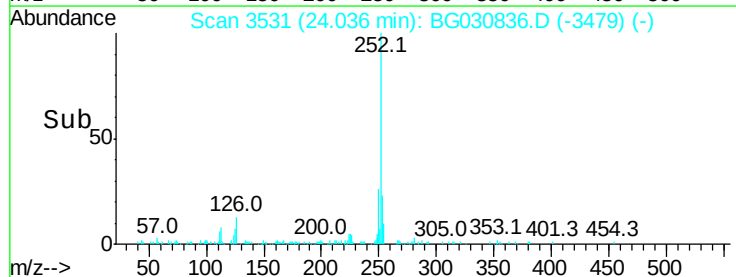
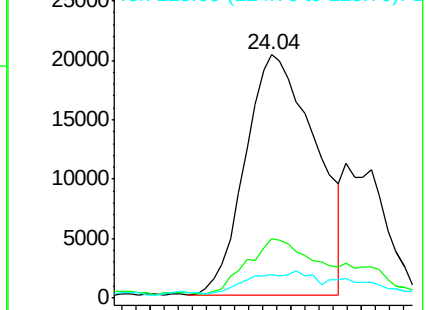


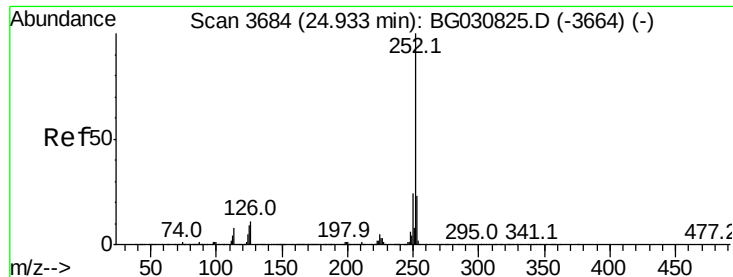
Abundance

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





#88

Benzo(a)pyrene

Concen: 1.620 ng/ul

RT: 24.93 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

Instrument :

BNA_G

ClientSampleId :

B0ES5

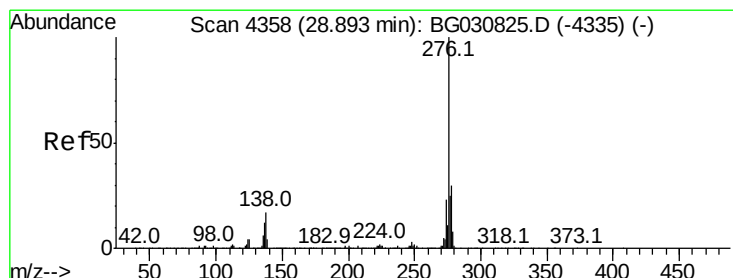
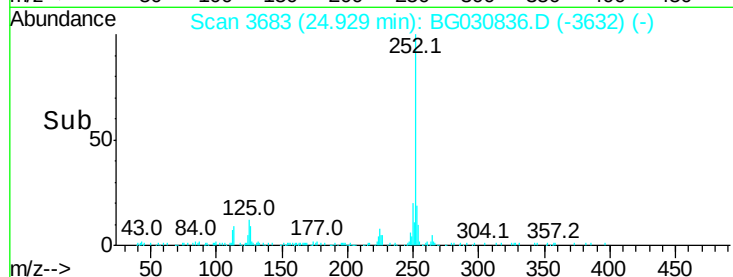
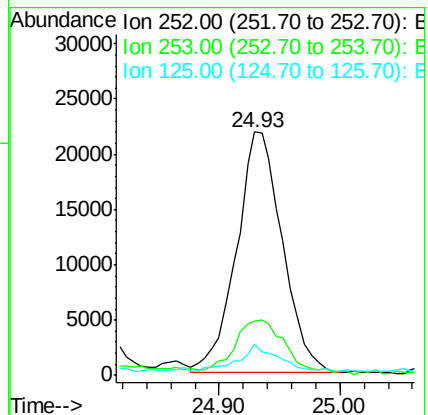
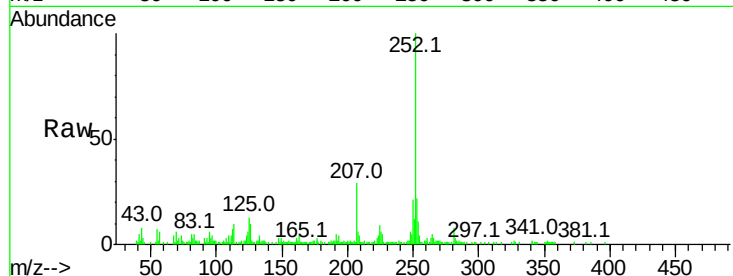
Tot Ion:252 Resp: 57626

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 12.7 7.8 11.8#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.005 ng/ul

RT: 28.87 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BG030836.D

Acq: 8 Nov 2017 8:52

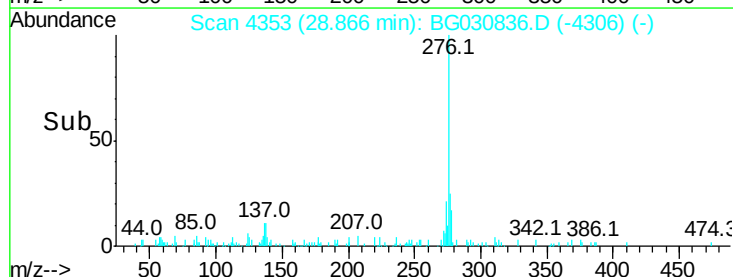
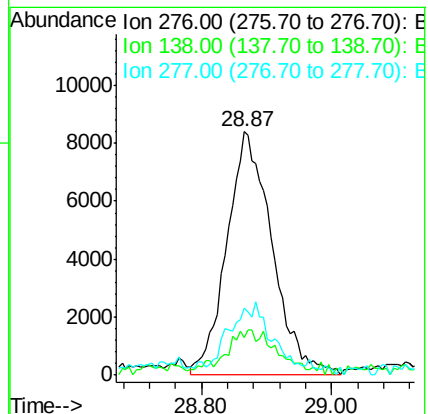
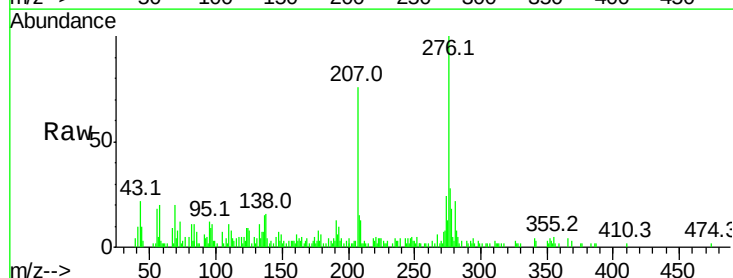
Tgt Ion:276 Resp: 40461

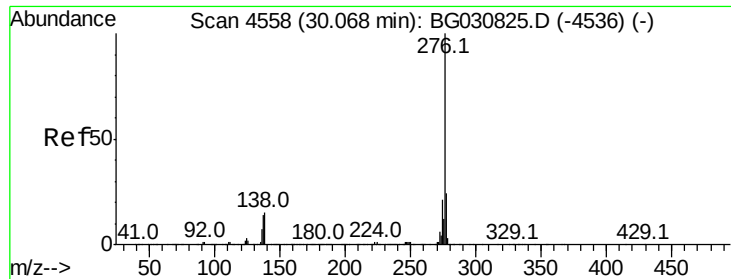
Ion Ratio Lower Upper

276 100

138 15.7 13.4 20.0

277 27.8 18.6 28.0





#91

Benzo(a,h,i)perylene

Concen: 1.219 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.01 min

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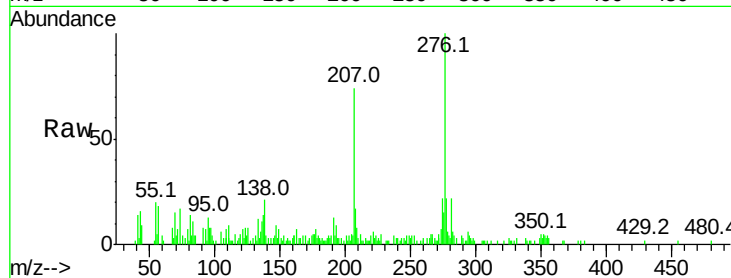
Tot Ion:276 Resp: 40667

Ion Ratio Lower Upper

276 100

138 21.3 12.1 18.1#

277 22.0 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

