

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030839.D
 Acq On : 8 Nov 2017 10:44
 Operator : SJ/JU
 Sample : I6222-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 13:18:30 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	74167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	356697	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	231923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	545236	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	553927	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	570196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5440	2.98	ng/uL	0.00
5) Phenol-d5	7.31	99	116932	16.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	68328	15.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	94774	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	68134	11.85	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	48972	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	59539	22.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	103239	17.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	84420	12.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	340423	17.17	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	424357	17.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	44619	12.19	ng/ul	0.00
57) Fluorene-d10	15.76	176	315147	19.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	34362	12.91	ng/ul	0.00
70) Anthracene-d10	17.61	188	462761	17.95	ng/ul	0.00
76) Pyrene-d10	19.88	212	513436	17.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	484681	17.95	ng/ul	0.00

Target Compounds

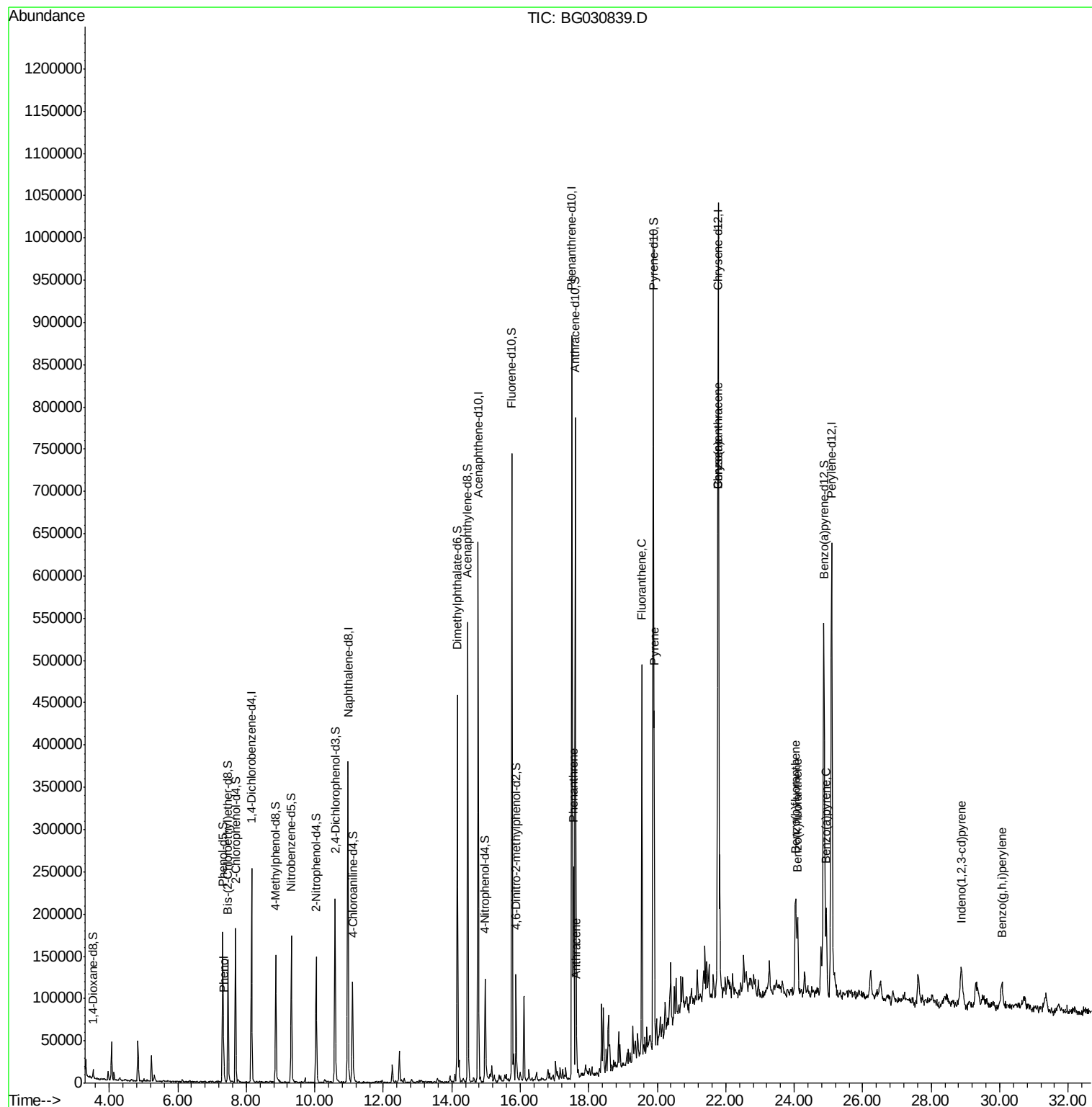
					Ovalue
6) Phenol	7.34	94	12700	1.724	ng/ul 94
69) Phenanthrene	17.55	178	167868	5.695	ng/ul 99
71) Anthracene	17.64	178	38237	1.257	ng/ul 94
74) Fluoranthene	19.55	202	295734	8.978	ng/ul 99
77) Pyrene	19.91	202	243697	6.564	ng/ul 99
80) Benzo(a)anthracene	21.76	228	145108	4.180	ng/ul 99
82) Chrysene	21.76	228	145108	4.600	ng/ul 95
85) Benzo(b)fluoranthene	24.04	252	150381	4.393	ng/ul 97
86) Benzo(k)fluoranthene	24.10	252	54495	1.647	ng/ul 96
88) Benzo(a)pyrene	24.93	252	113739	3.414	ng/ul 97
89) Indeno(1,2,3-cd)pyrene	28.87	276	77815	2.064	ng/ul 95
91) Benzo(g,h,i)perylene	30.07	276	59660	1.909	ng/ul 97

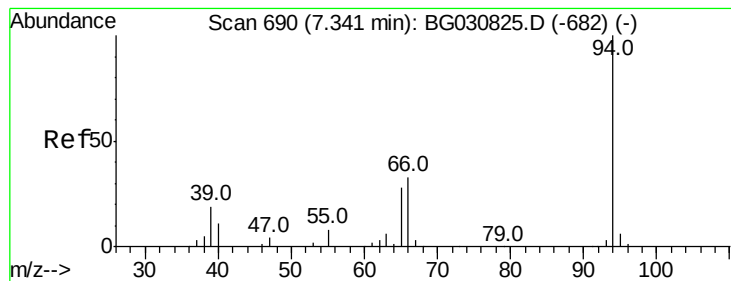
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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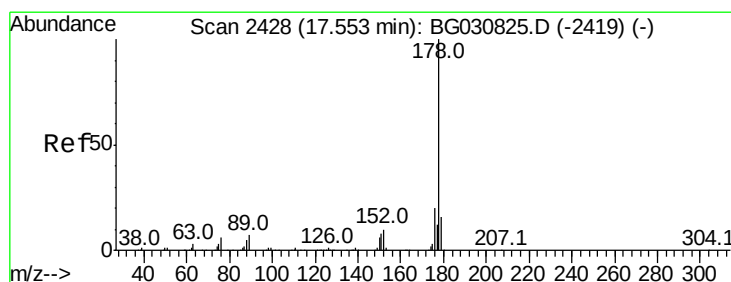
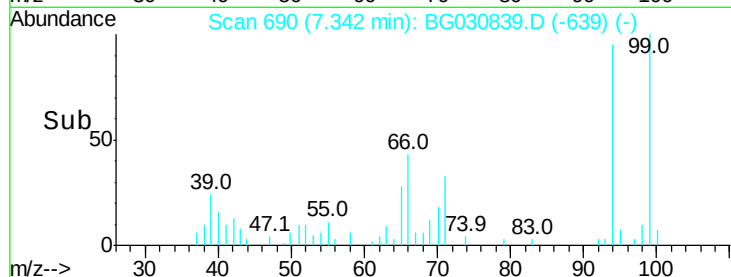
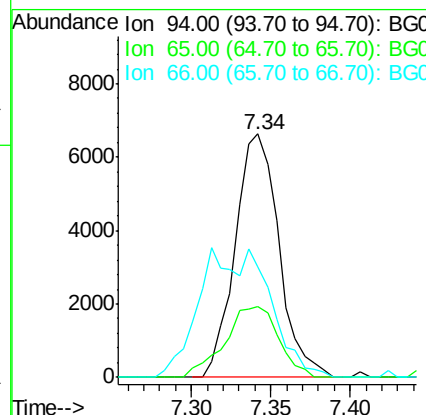
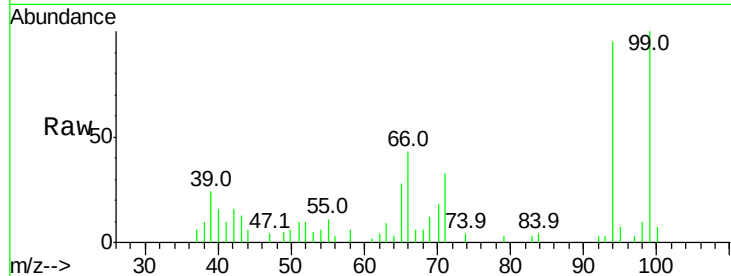
#6

Phenol

Concen: 1.724 ng/ul
 RT: 7.34 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BG030839.D
 Acq: 8 Nov 2017 10:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	94	Resp	12700
Ion Ratio	100	Lower	Upper
94	100		
65	28.8	27.1	40.7
66	45.3	34.6	52.0

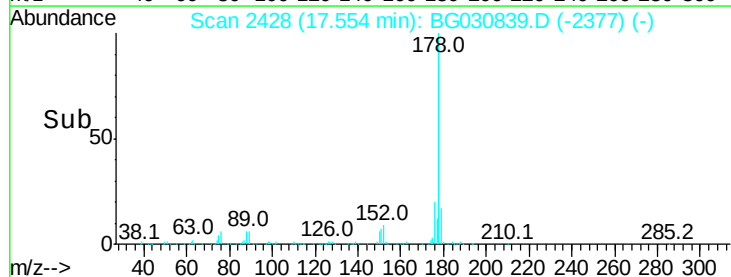
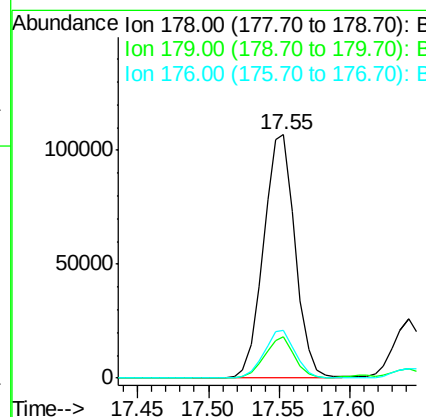
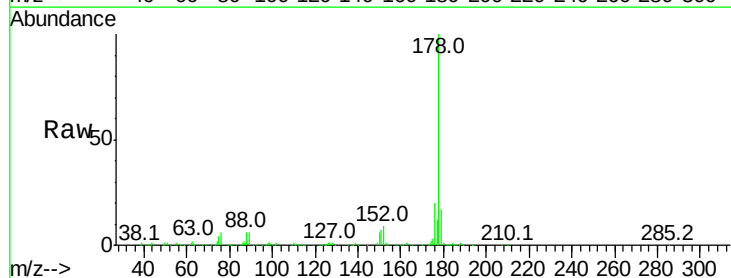


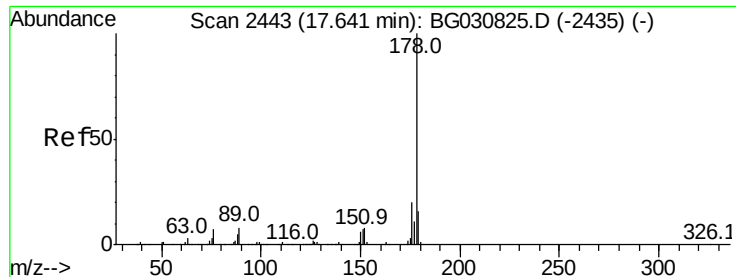
#69

Phenanthrene

Concen: 5.695 ng/ul
 RT: 17.55 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BG030839.D
 Acq: 8 Nov 2017 10:44

Tgt Ion	178	Resp	167868
Ion Ratio	100	Lower	Upper
178	100		
179	16.8	13.0	19.6
176	19.8	15.3	22.9





#71

Anthracene

Concen: 1.257 ng/ul

RT: 17.64 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG030839.D

Acq: 8 Nov 2017 10:44

Instrument :

BNA_G

ClientSampled :

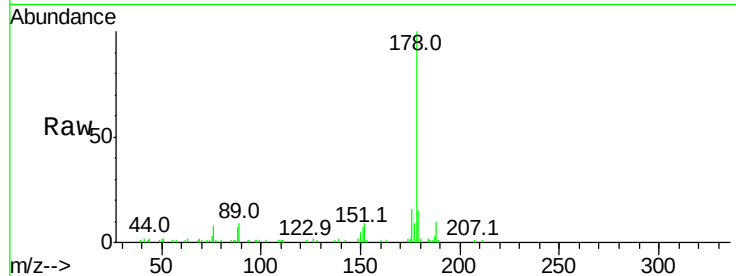
Tot Ion:178 Resp: 38237

Ion Ratio Lower Upper

178 100

179 14.9 13.2 19.8

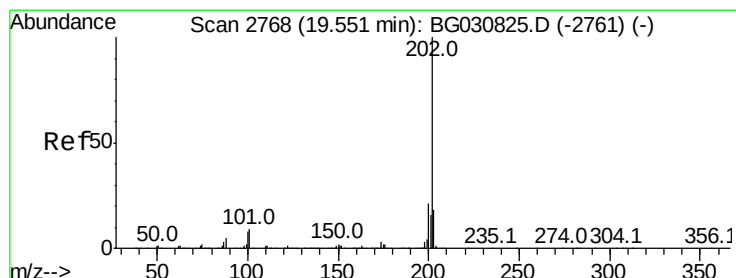
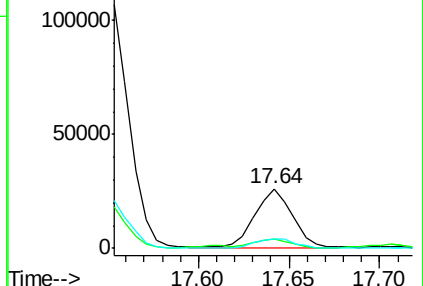
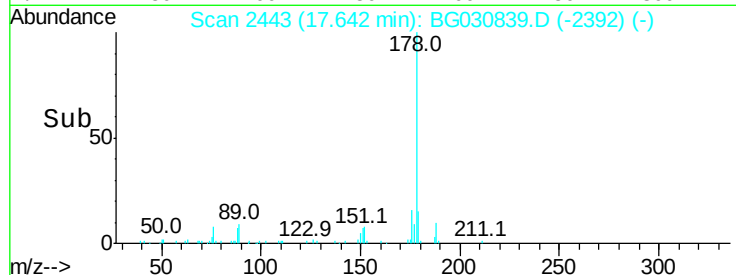
176 16.1 16.0 24.0



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: 8.978 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030839.D

Acq: 8 Nov 2017 10:44

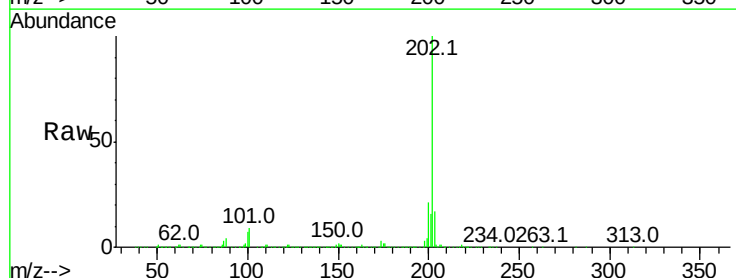
Tgt Ion:202 Resp: 295734

Ion Ratio Lower Upper

202 100

101 8.6 7.4 11.2

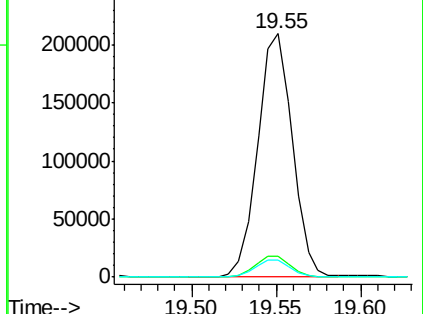
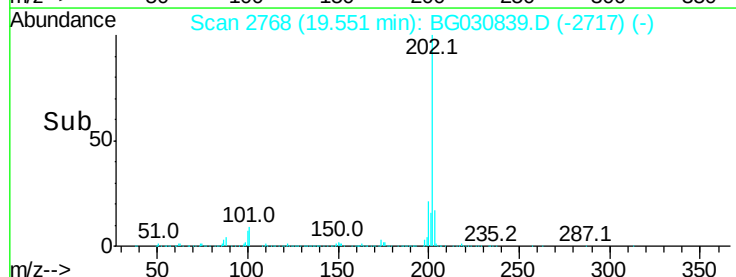
100 6.8 5.6 8.4

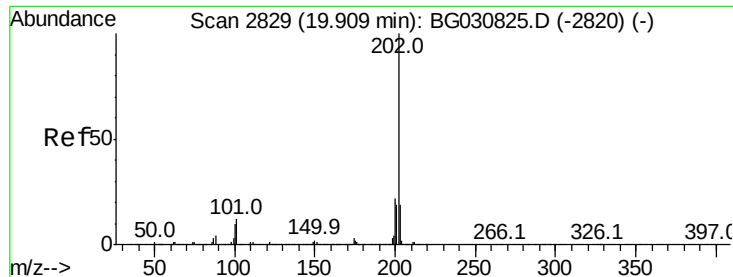


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 6.564 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030839.D

Acq: 8 Nov 2017 10:44

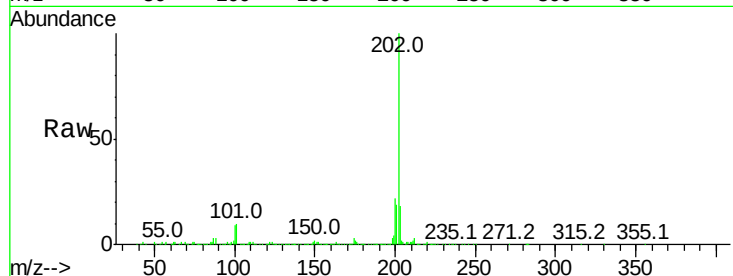
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 243697

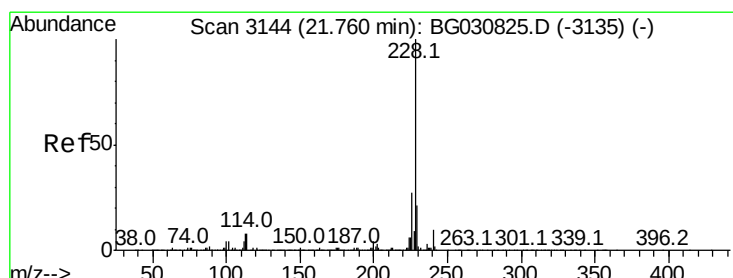
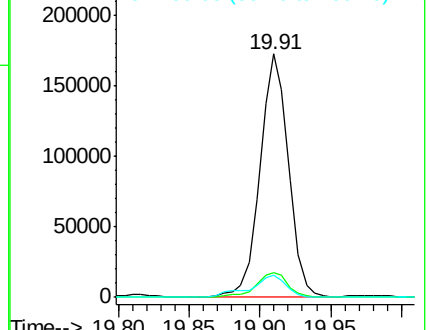
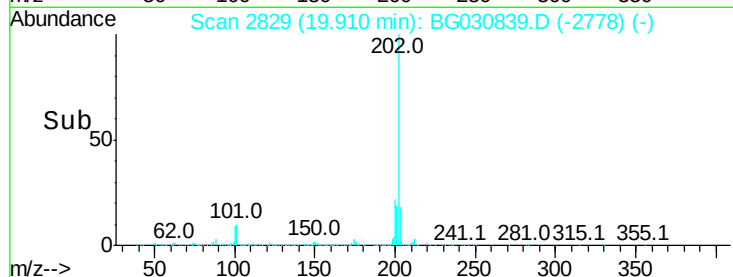
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
100	9.1	7.0	10.6



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



#80

Benzo(a)anthracene

Concen: 4.180 ng/ul

RT: 21.76 min Scan# 3144

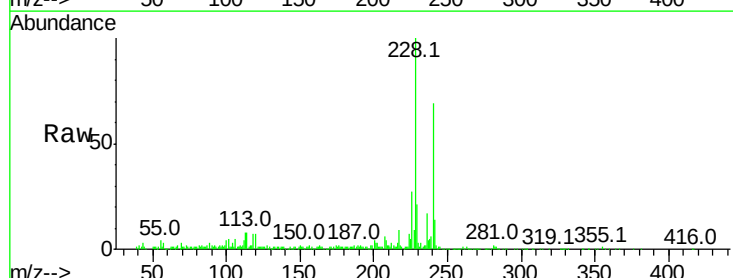
Delta R.T. 0.00 min

Lab File: BG030839.D

Acq: 8 Nov 2017 10:44

Tgt Ion:228 Resp: 145108

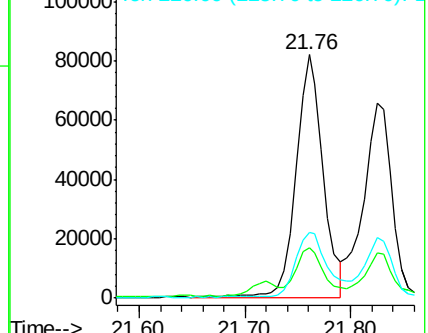
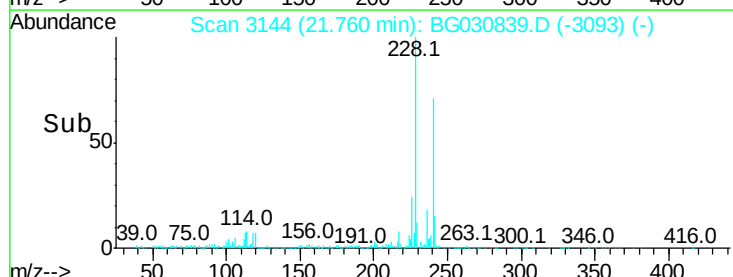
Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	27.1	22.2	33.2

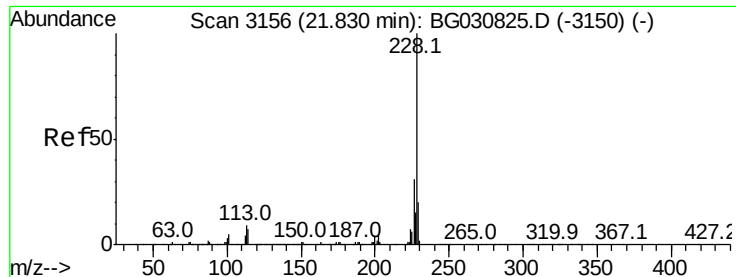


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.600 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.07 min

Lab File: BG030839.D

Acq: 8 Nov 2017 10:44

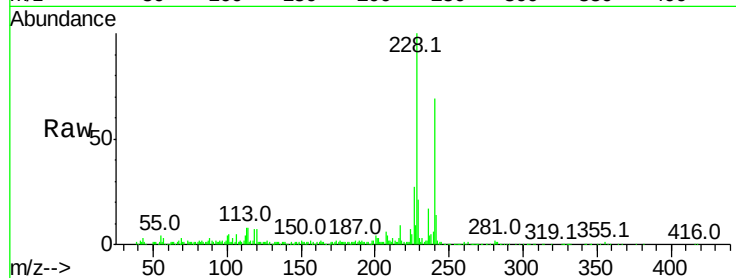
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 145108

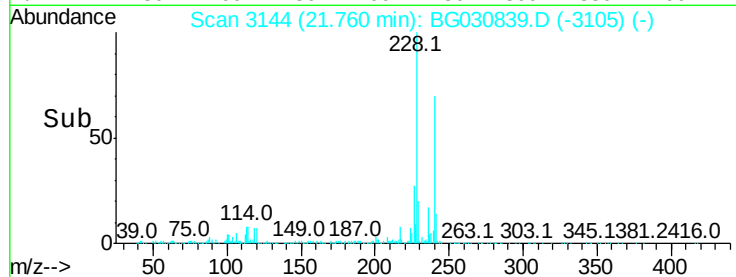
Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.2	36.2
229	20.9	15.2	22.8



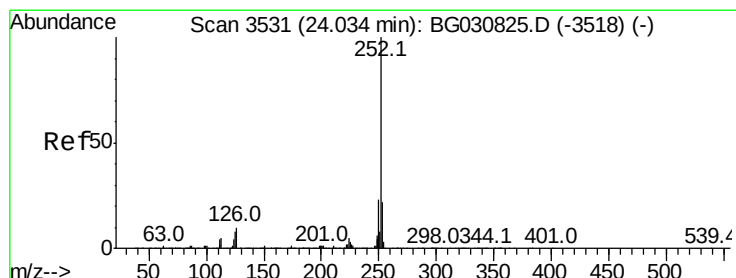
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.60 21.70 21.80



#85

Benzo(b)fluoranthene

Concen: 4.393 ng/ul

RT: 24.04 min Scan# 3532

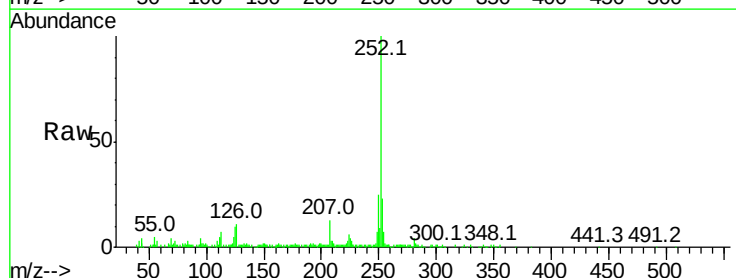
Delta R.T. 0.01 min

Lab File: BG030839.D

Acq: 8 Nov 2017 10:44

Tgt Ion:252 Resp: 150381

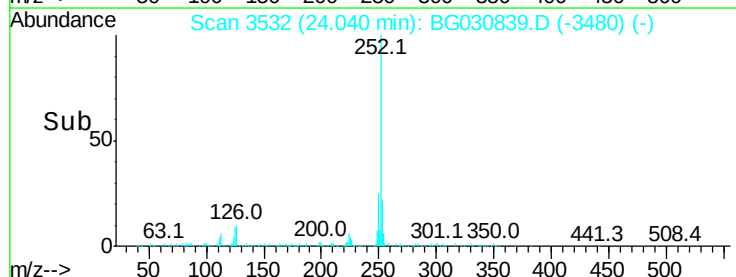
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	10.1	7.5	11.3



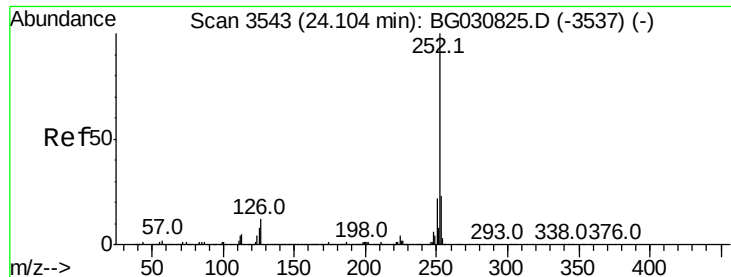
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



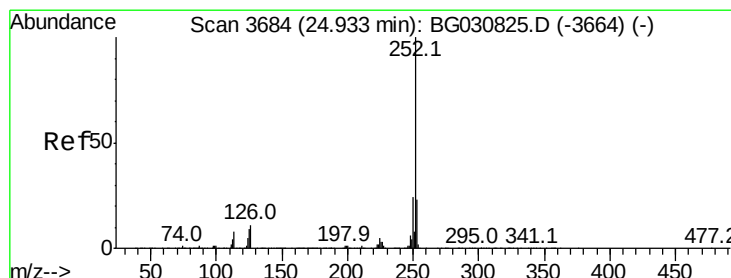
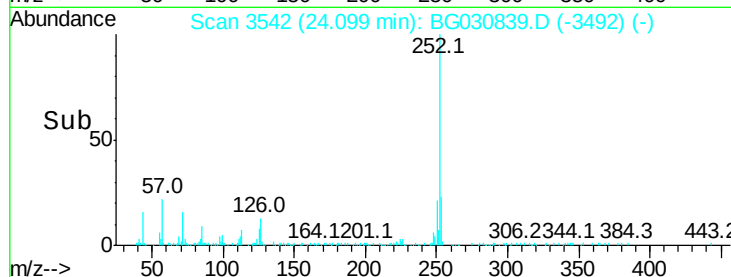
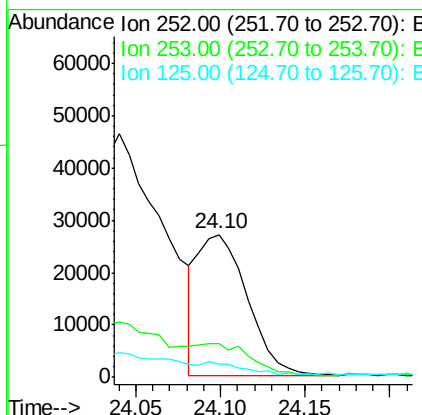
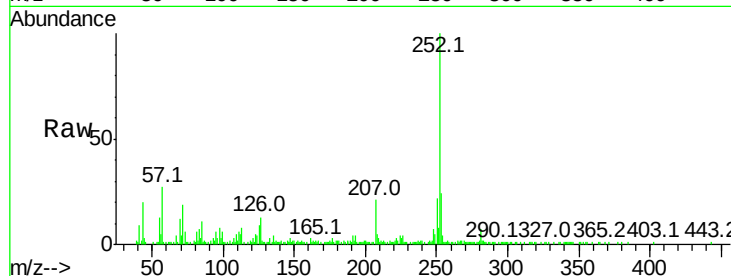
Time--> 23.90 24.00 24.10



#86
Benzo(k)fluoranthene
Concen: 1.647 ng/ul
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG030839.D
Acq: 8 Nov 2017 10:44

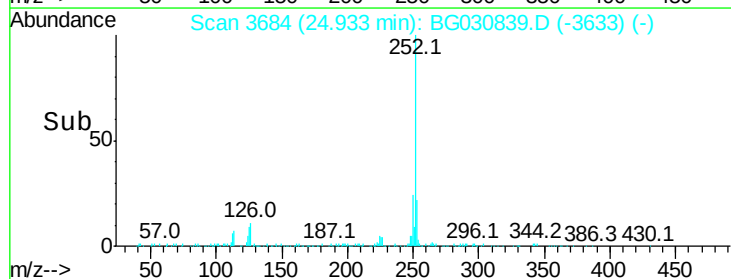
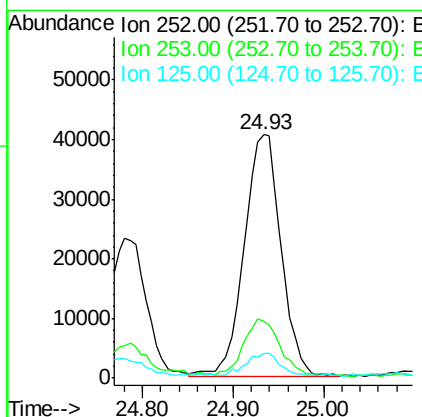
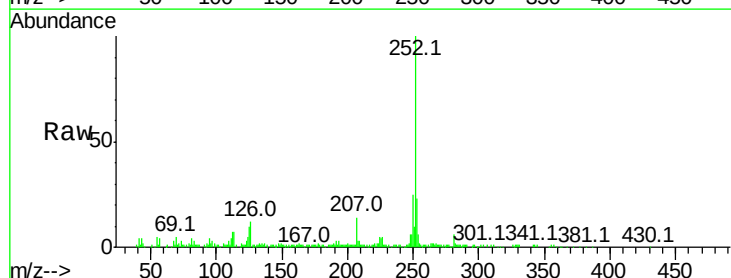
Instrument :
BNA_G
ClientSampleId :

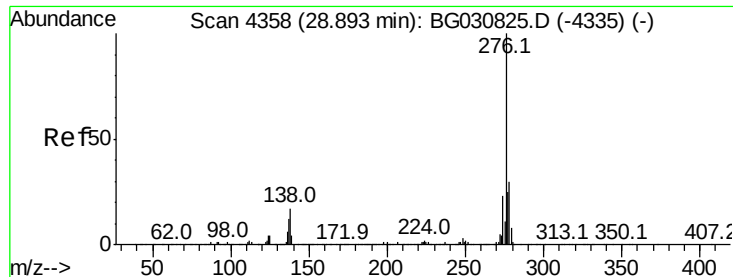
Tot Ion:252 Resp: 54495
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 9.5 7.8 11.8



#88
Benzo(a)pyrene
Concen: 3.414 ng/ul
RT: 24.93 min Scan# 3684
Delta R.T. 0.00 min
Lab File: BG030839.D
Acq: 8 Nov 2017 10:44

Tgt Ion:252 Resp: 113739
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 9.9 7.8 11.8



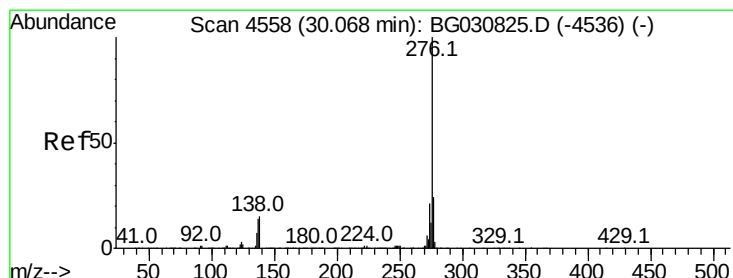
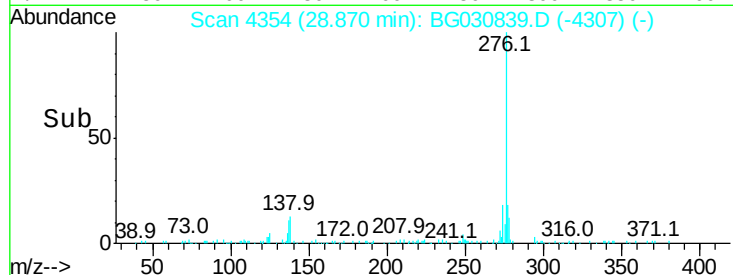
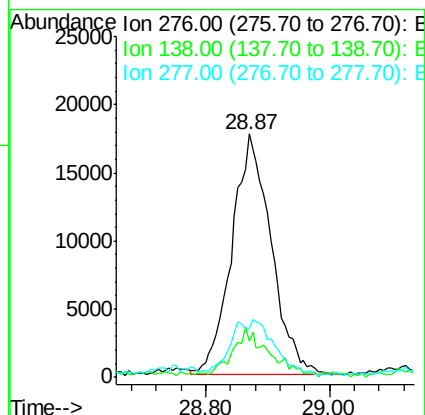
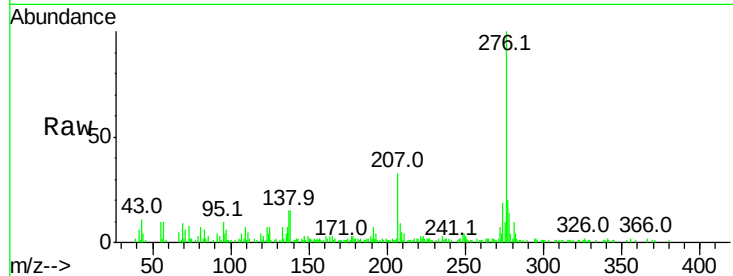


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.064 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG030839.D
Acq: 8 Nov 2017 10:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.4	20.0
277	20.3	18.6	28.0



#91

Benzo(g,h,i)perylene
Concen: 1.909 ng/ul
RT: 30.07 min Scan# 4558
Delta R.T. 0.00 min
Lab File: BG030839.D
Acq: 8 Nov 2017 10:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.1	18.1
277	20.5	17.7	26.5

