

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029226.D
 Acq On : 14 Oct 2017 14:07
 Operator : SJ/JU
 Sample : I5574-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:23:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	111356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	485164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	298609	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	701622	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	662107	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	646700	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8544	3.12	ng/uL	0.00
5) Phenol-d5	7.32	99	184481	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	117396	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	135933	18.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	144708	16.76	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	69101	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	71321	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	140253	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	174396	18.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	463213	18.14	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	570966	18.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	72024	15.28	ng/ul	0.00
57) Fluorene-d10	15.78	176	410500	19.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	49205	14.37	ng/ul	0.00
70) Anthracene-d10	17.62	188	617102	18.60	ng/ul	0.00
76) Pyrene-d10	19.90	212	653715	19.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	573728	18.73	ng/ul	0.00

Target Compounds

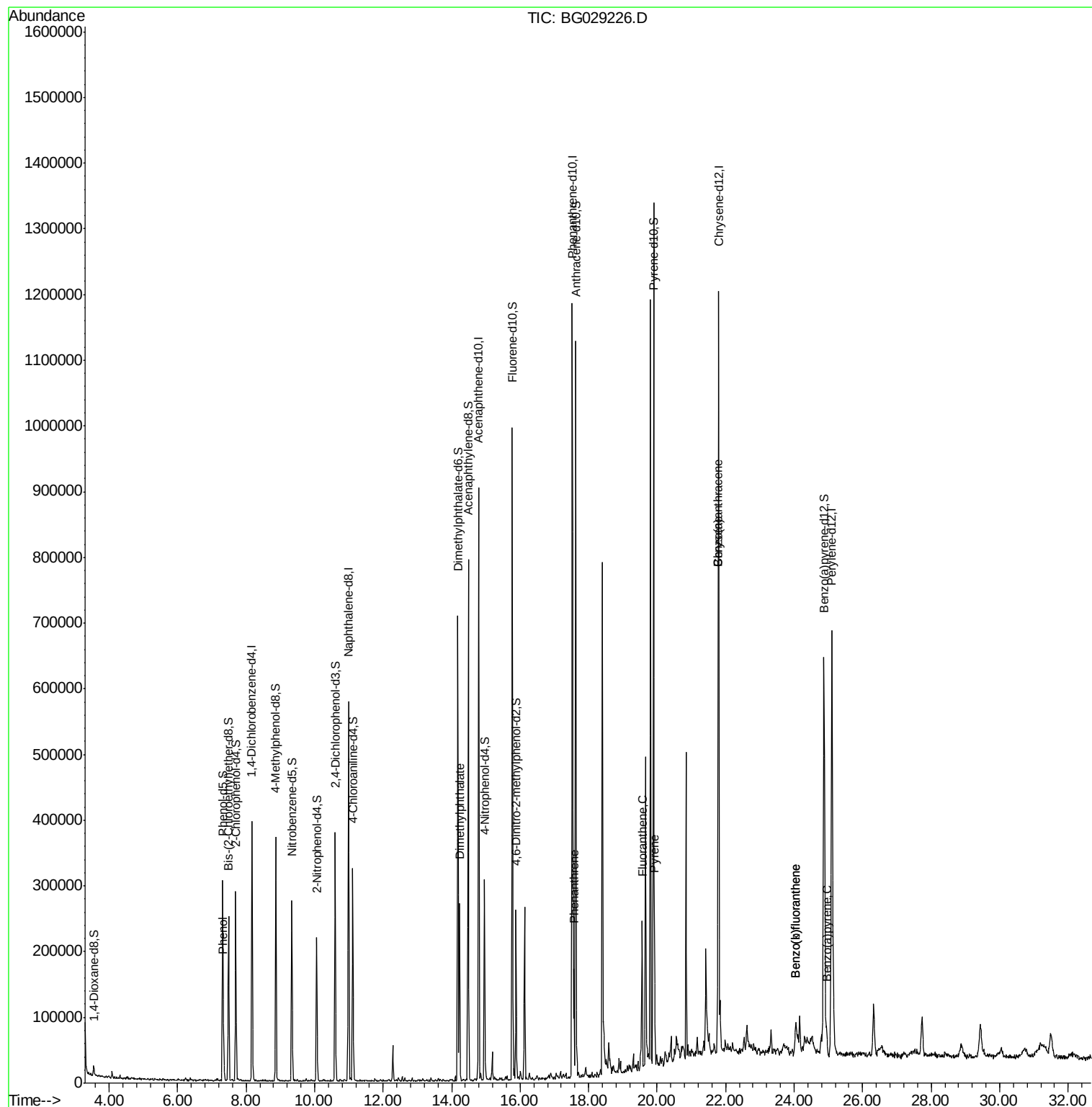
						Ovalue
6) Phenol	7.34	94	35209	3.18	ng/ul	89
44) Dimethylphthalate	14.23	163	175929	7.07	ng/ul	99
69) Phenanthrene	17.57	178	99554	2.62	ng/ul	100
74) Fluoranthene	19.56	202	122031	2.88	ng/ul#	94
77) Pyrene	19.92	202	105808	2.38	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	59712	1.44	ng/ul	98
82) Chrysene	21.78	228	59712	1.58	ng/ul	95
85) Benzo(b)fluoranthene	24.05	252	62926	1.62	ng/ul#	93
86) Benzo(k)fluoranthene	24.05	252	62926	1.68	ng/ul#	94
88) Benzo(a)pyrene	24.94	252	41133	1.09	ng/ul#	87

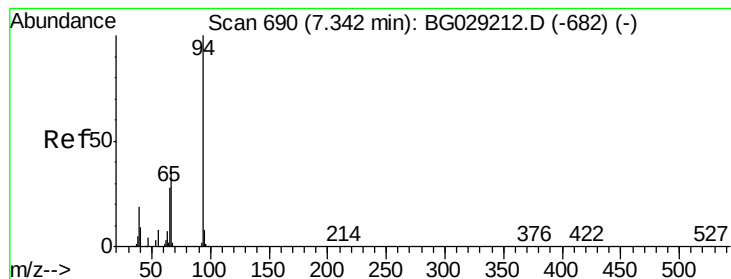
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.18 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

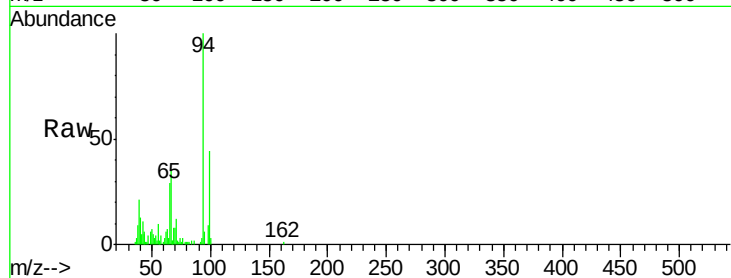
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 94 Resp: 35209

Ion	Ratio	Lower	Upper
94	100		
65	28.9	27.1	40.7
66	35.2	34.6	52.0

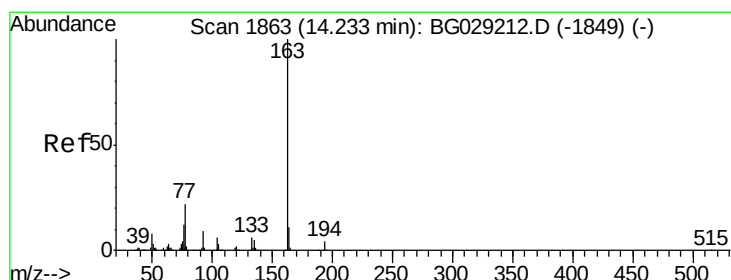
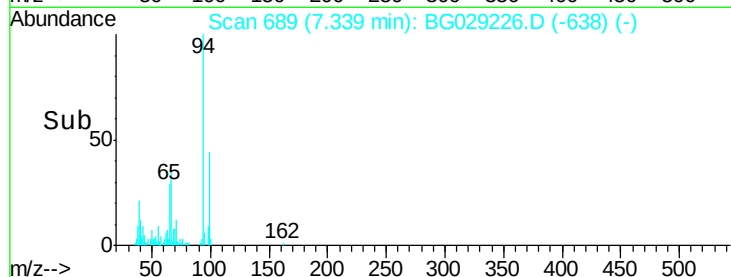
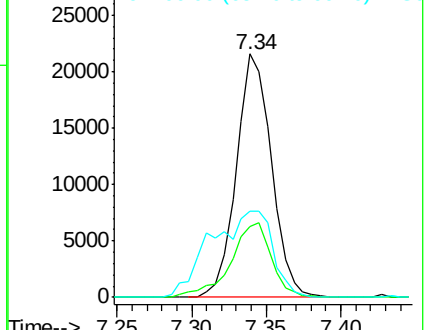


Abundance

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: 7.07 ng/ul

RT: 14.23 min Scan# 1862

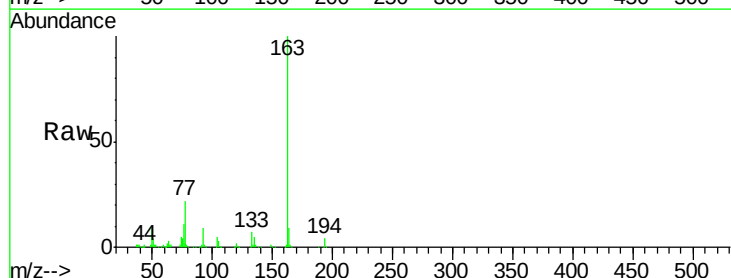
Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Tgt Ion: 163 Resp: 175929

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.1	7.6	11.4

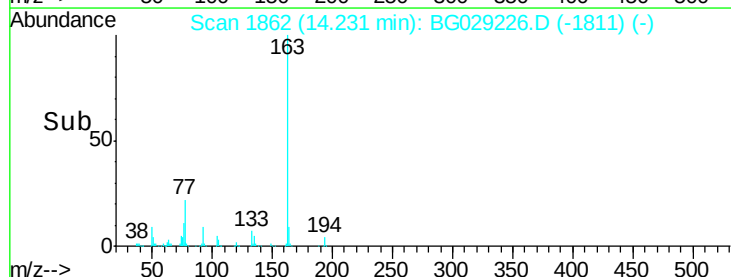
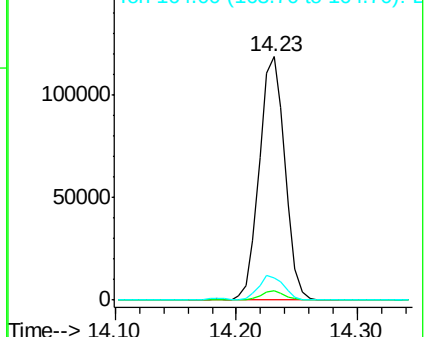


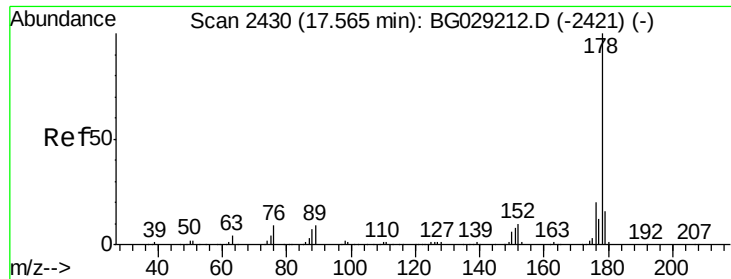
Abundance

Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#69

Phenanthrene

Concen: 2.62 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Instrument :

BNA_G

ClientSampleId :

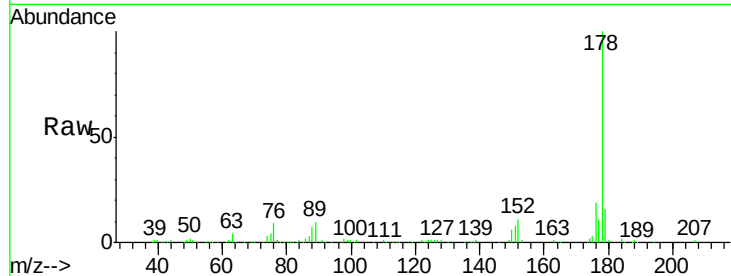
Tot Ion:178 Resp: 99554

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

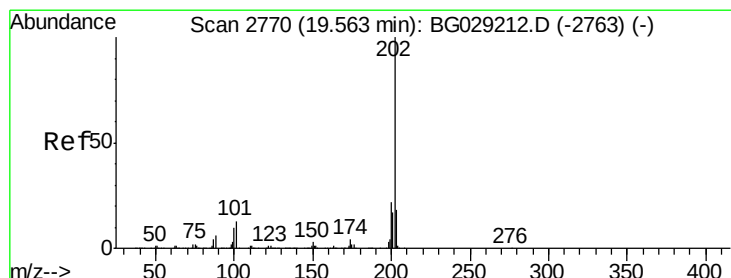
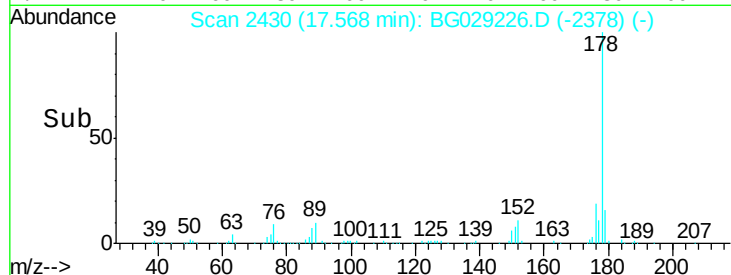
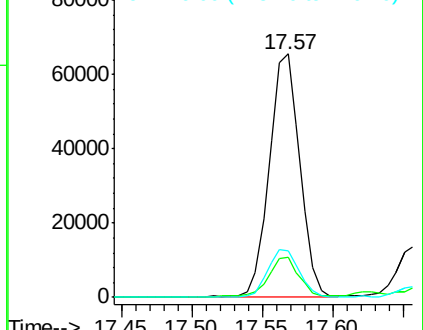
176 19.0 15.3 22.9



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: 2.88 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

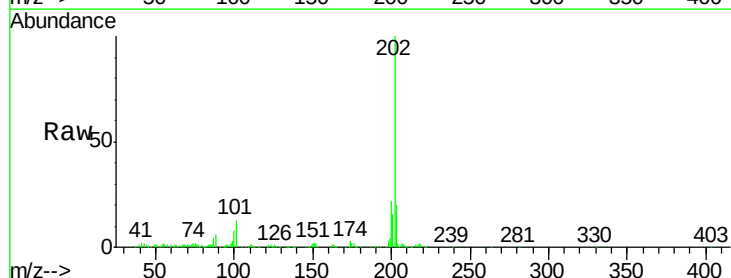
Tgt Ion:202 Resp: 122031

Ion Ratio Lower Upper

202 100

101 12.5 7.4 11.2#

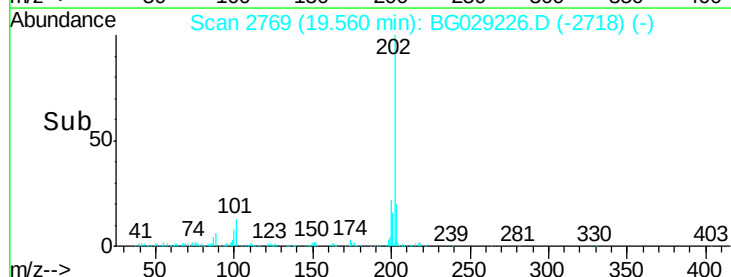
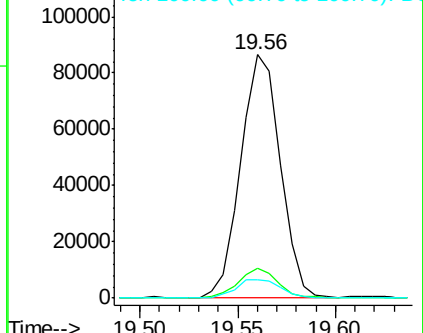
100 7.7 5.6 8.4

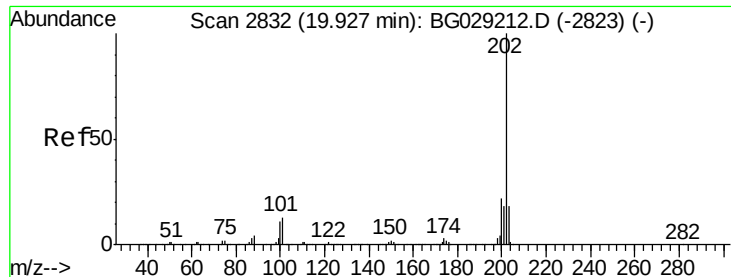


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.38 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

Instrument :

BNA_G

ClientSampled :

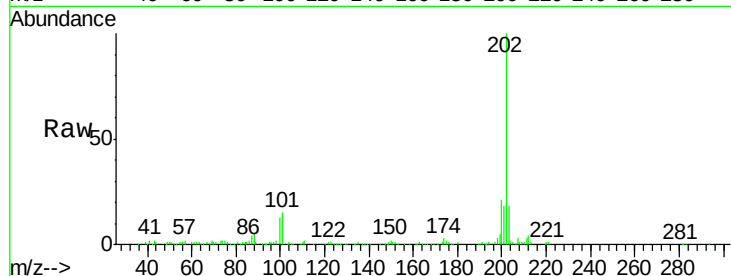
Tot Ion:202 Resp: 105808

Ion Ratio Lower Upper

202 100

101 14.8 8.4 12.6#

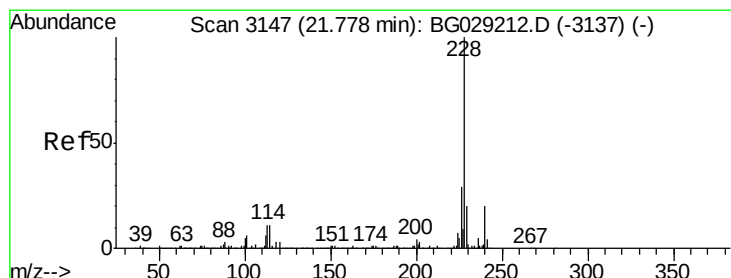
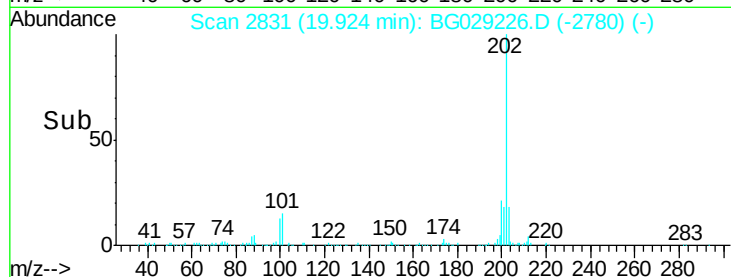
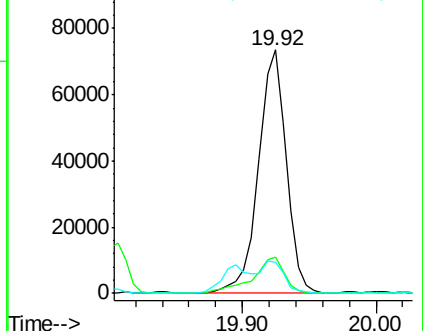
100 12.6 7.0 10.6#



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): E



#80

Benzo(a)anthracene

Concen: 1.44 ng/ul

RT: 21.78 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG029226.D

Acq: 14 Oct 2017 14:07

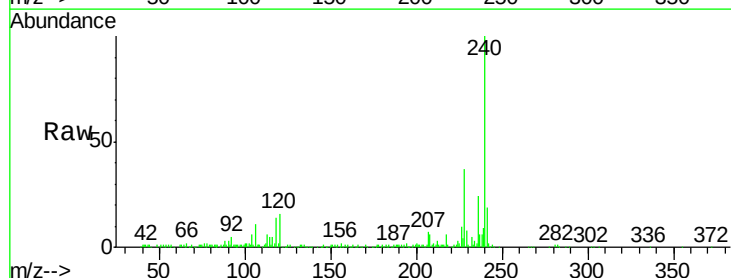
Tgt Ion:228 Resp: 59712

Ion Ratio Lower Upper

228 100

229 21.8 16.2 24.4

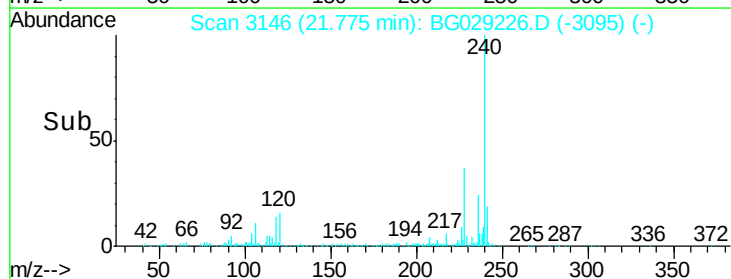
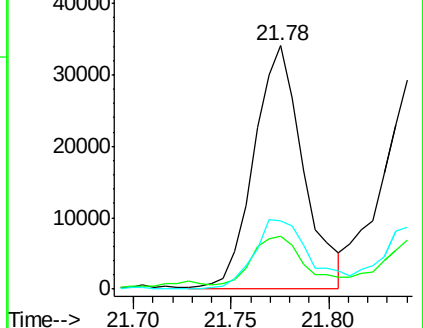
226 28.1 22.2 33.2

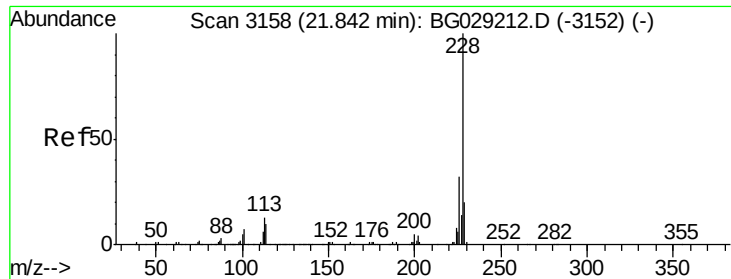


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

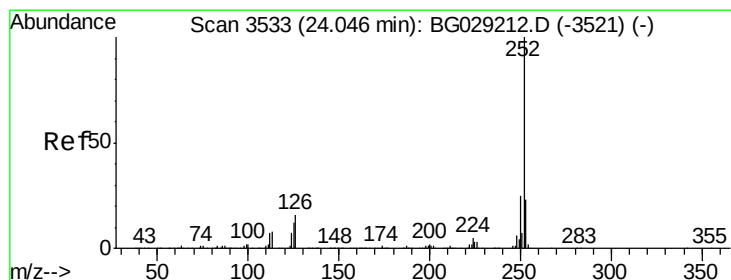
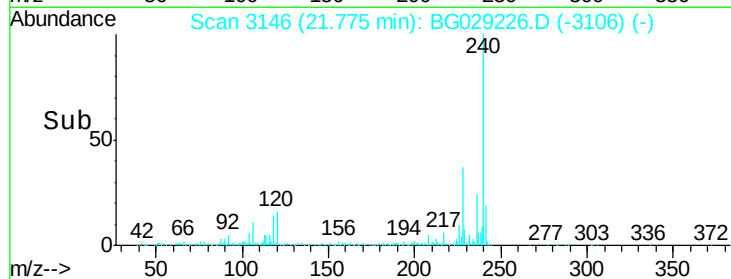
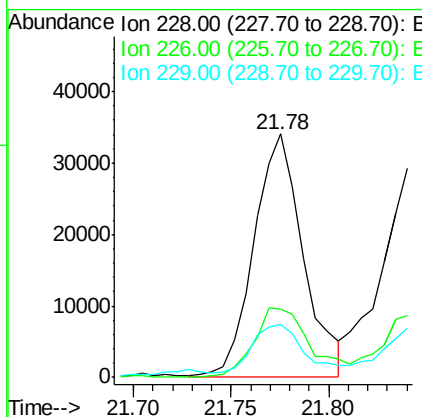
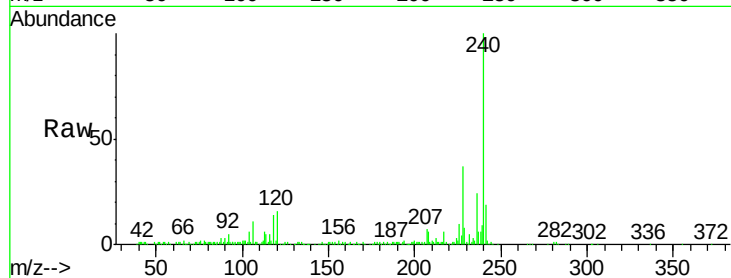




#82
Chrysene
Concen: 1.58 ng/ul
RT: 21.78 min Scan# 3146
Delta R.T. -0.07 min
Lab File: BG029226.D
Acq: 14 Oct 2017 14:07

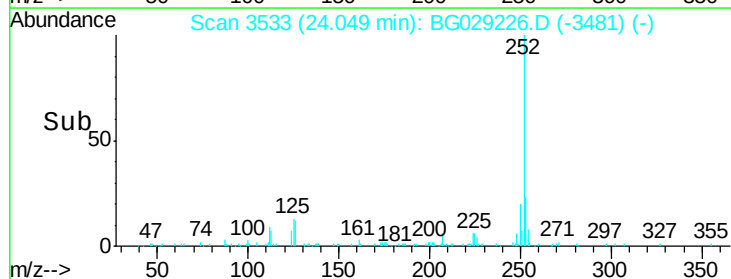
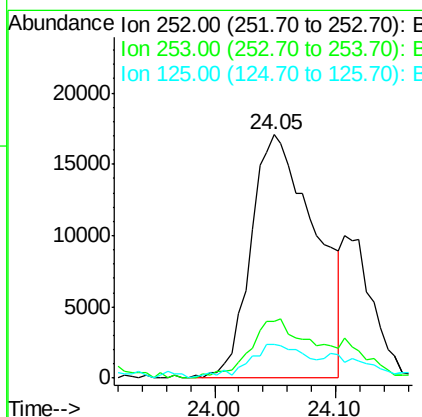
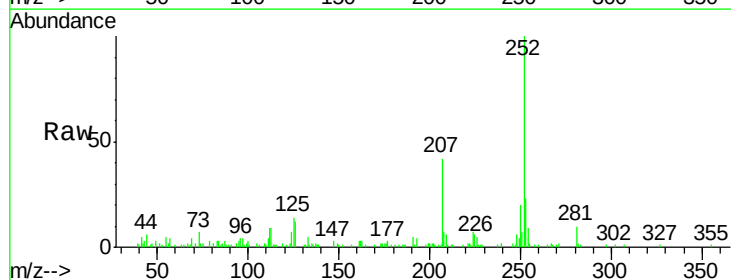
Instrument :
BNA_G
ClientSampleId :

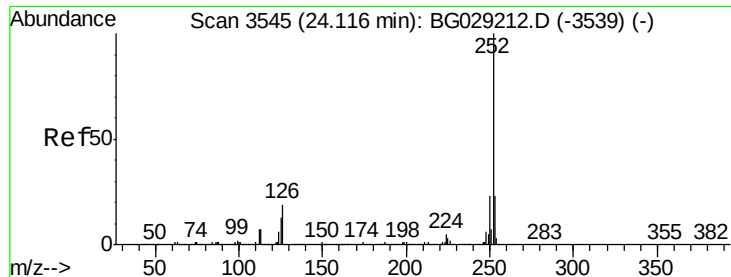
Tot Ion:228 Resp: 59712
Ion Ratio Lower Upper
228 100
226 28.1 24.2 36.2
229 21.8 15.2 22.8



#85
Benzo(b)fluoranthene
Concen: 1.62 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG029226.D
Acq: 14 Oct 2017 14:07

Tgt Ion:252 Resp: 62926
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 13.8 7.5 11.3#

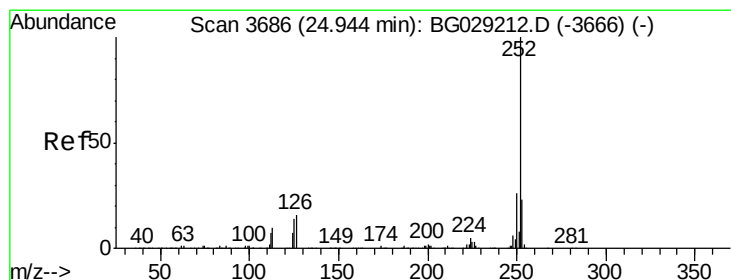
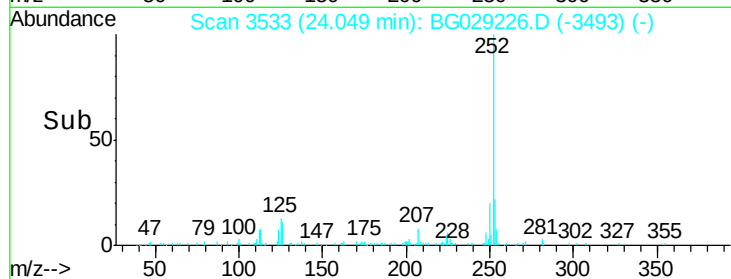
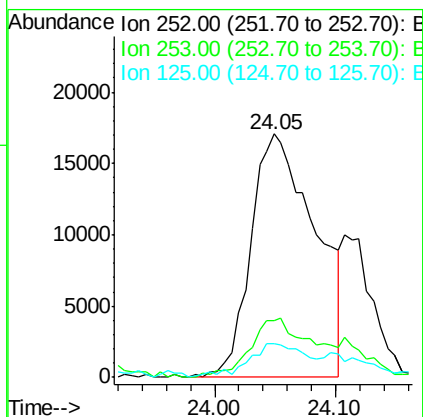
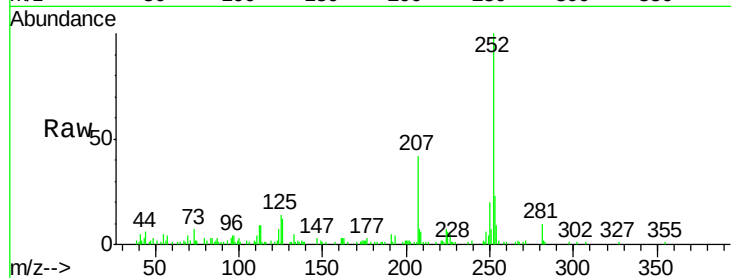




#86
Benzo(k)fluoranthene
Concen: 1.68 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.07 min
Lab File: BG029226.D
Acq: 14 Oct 2017 14:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	13.8	7.8	11.8#



#88
Benzo(a)pyrene
Concen: 1.09 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. -0.00 min
Lab File: BG029226.D
Acq: 14 Oct 2017 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.1	25.7#
125	16.4	7.8	11.8#

