

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029233.D
 Acq On : 14 Oct 2017 21:33
 Operator : SJ/JU
 Sample : I5548-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 01:41:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	114418	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	525302	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	311899	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	645185	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	559889	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	554263	20.00	ng/ul	0.00

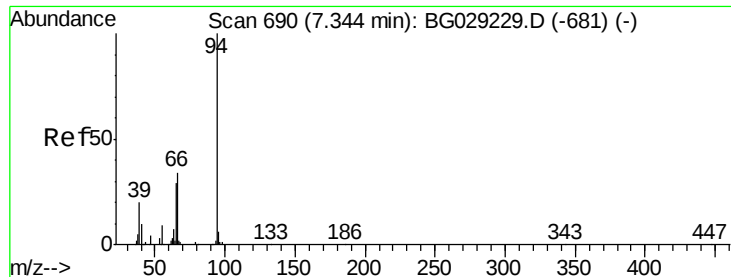
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9404	3.34	ng/uL	0.00
5) Phenol-d5	7.32	99	211469	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	132945	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	152478	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	159708	18.01	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	82273	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	87015	22.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	171225	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	103565	10.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	535714	20.09	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	676843	20.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	81753	16.61	ng/ul	0.00
57) Fluorene-d10	15.78	176	461338	21.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	53447	16.97	ng/ul	0.00
70) Anthracene-d10	17.63	188	630712	20.67	ng/ul	0.00
76) Pyrene-d10	19.90	212	649497	22.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	551238	21.00	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.34	94	22056	1.94	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.61	93	17824	2.06	ng/ul#	19
44) Dimethylphthalate	14.24	163	192360	7.40	ng/ul	97
74) Fluoranthene	19.57	202	61866	1.59	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.67	149	45411	2.06	ng/ul	97
82) Chrysene	21.84	228	32791	1.03	ng/ul#	92
85) Benzo(b)fluoranthene	24.06	252	44510	1.34	ng/ul#	79

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



#6

Phenol

Concen: 1.94 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

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BNA_G

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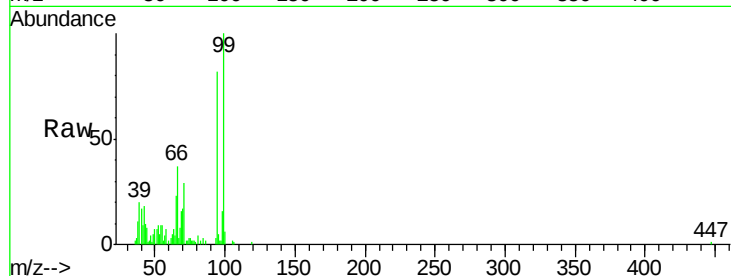
Tot Ion: 94 Resp: 22056

Ion Ratio Lower Upper

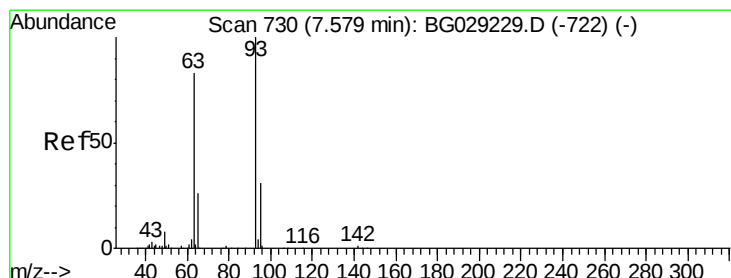
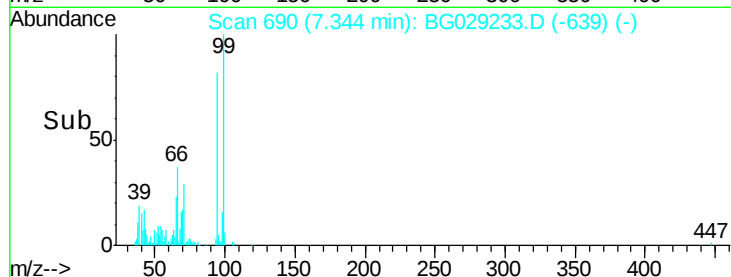
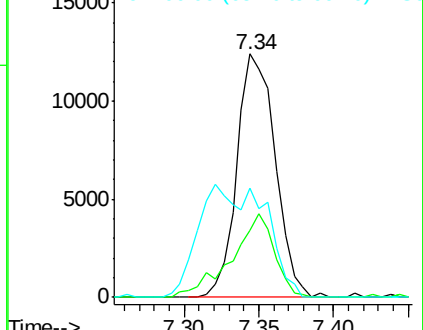
94 100

65 27.5 27.1 40.7

66 44.8 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



#8

Bis(2-Chloroethyl)ether

Concen: 2.06 ng/ul

RT: 7.61 min Scan# 736

Delta R.T. 0.04 min

Lab File: BG029233.D

Acq: 14 Oct 2017 21:33

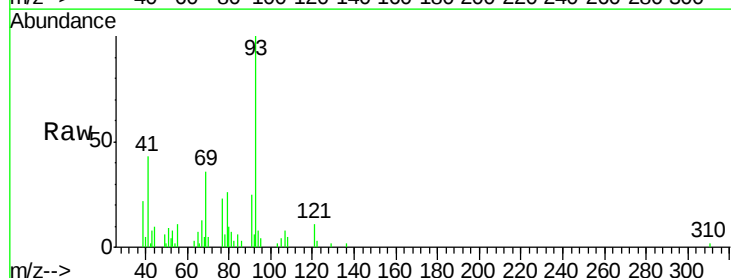
Tgt Ion: 93 Resp: 17824

Ion Ratio Lower Upper

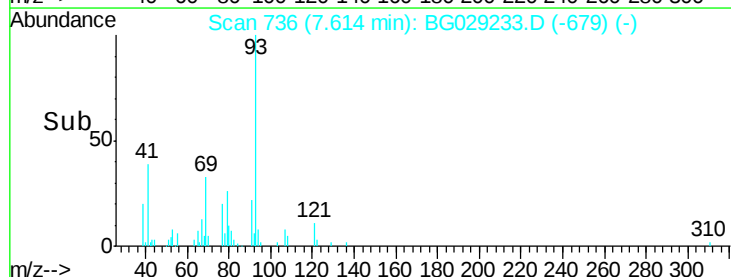
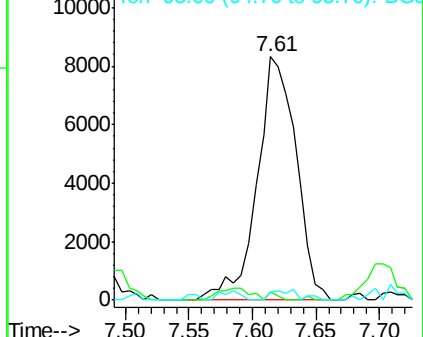
93 100

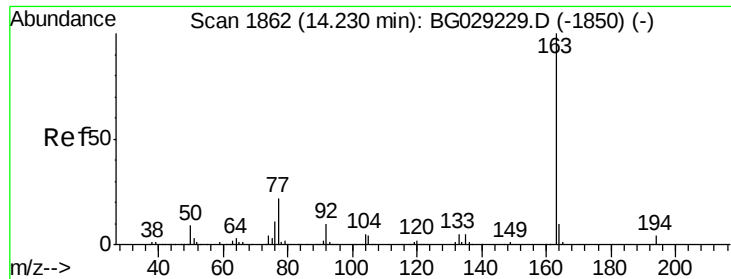
63 3.2 71.8 107.8#

95 3.6 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

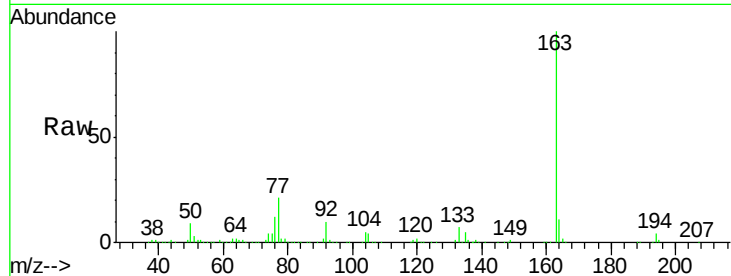




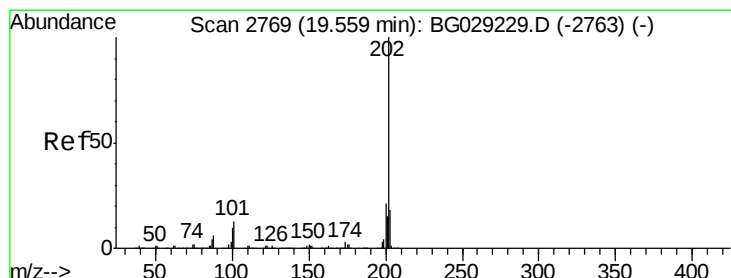
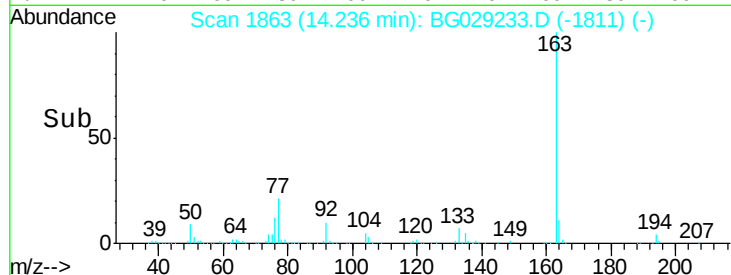
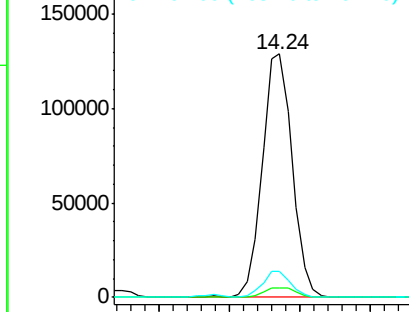
#44
Dimethylphthalate
Concen: 7.40 ng/ul
RT: 14.24 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BG029233.D
Acq: 14 Oct 2017 21:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 192360
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.8 7.6 11.4

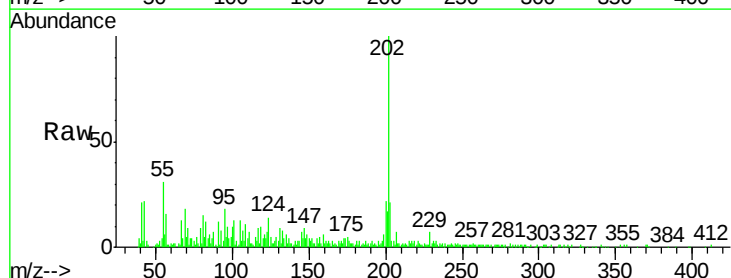


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

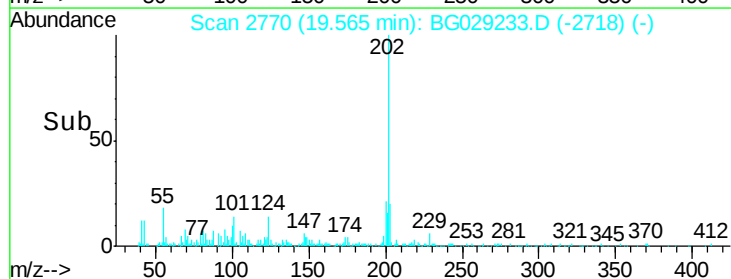
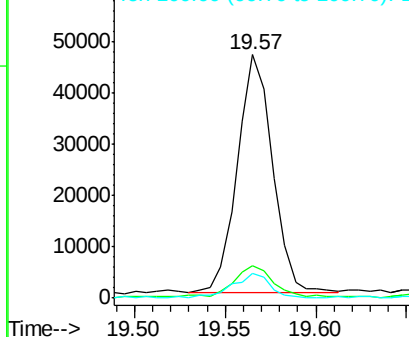


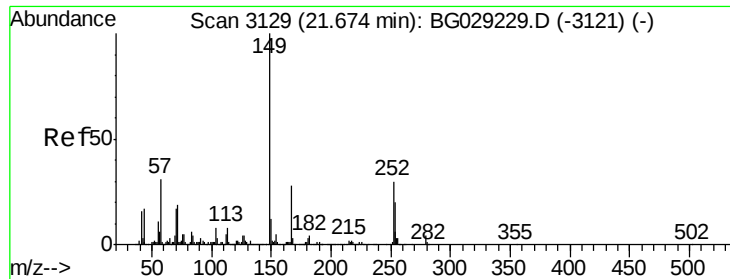
#74
Fluoranthene
Concen: 1.59 ng/ul
RT: 19.57 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BG029233.D
Acq: 14 Oct 2017 21:33

Tgt Ion:202 Resp: 61866
Ion Ratio Lower Upper
202 100
101 13.2 7.4 11.2#
100 10.2 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

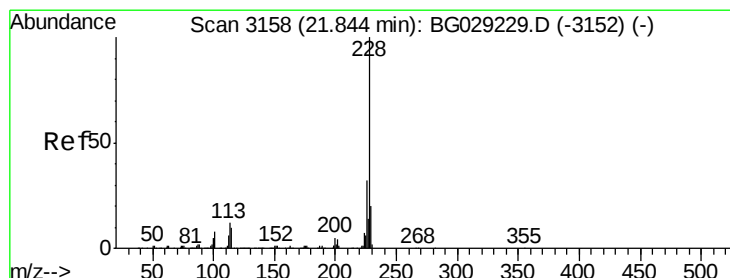
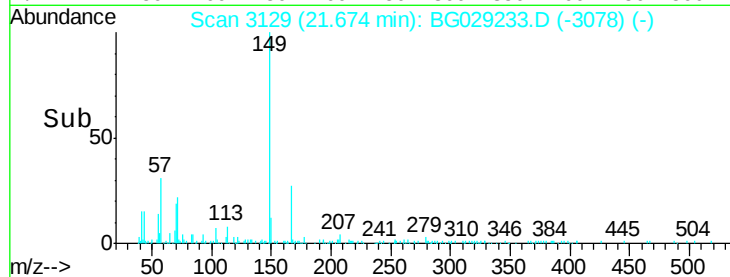
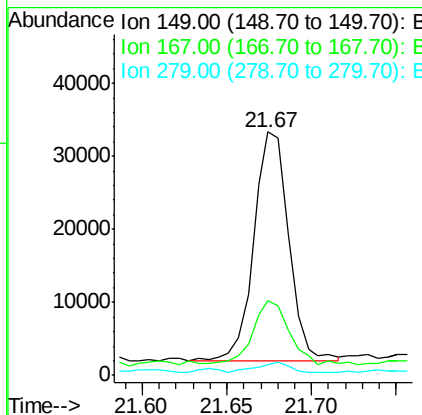
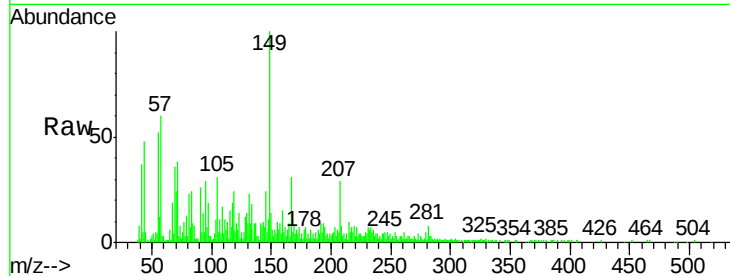




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.06 ng/ul
 RT: 21.67 min Scan# 3129
 Delta R.T. 0.00 min
 Lab File: BG029233.D
 Acq: 14 Oct 2017 21:33

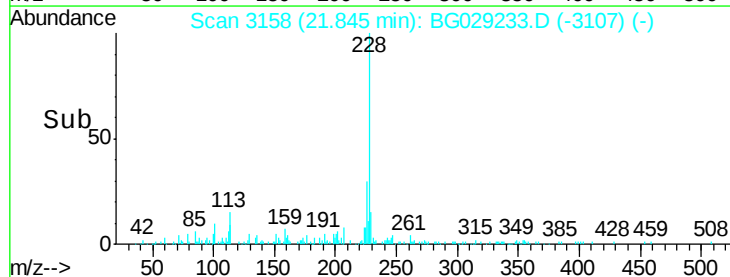
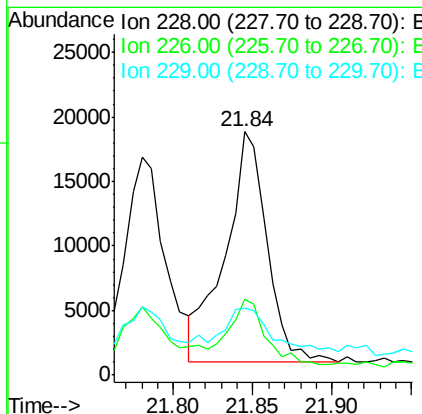
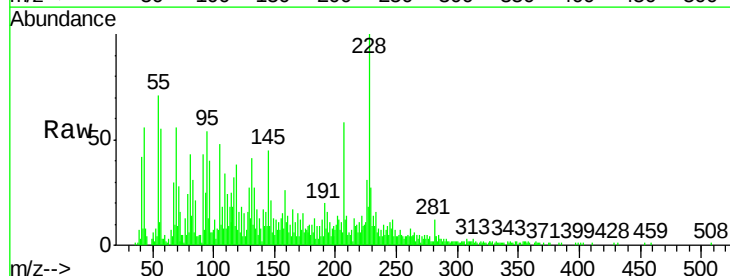
Instrument :
 BNA_G
 ClientSampleId :

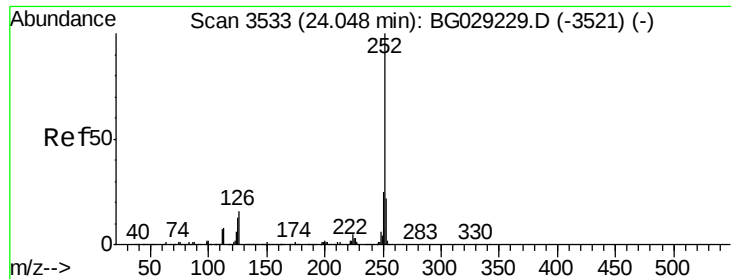
Tot Ion:149 Resp: 45411
 Ion Ratio Lower Upper
 149 100
 167 30.6 23.2 34.8
 279 4.5 3.1 4.7



#82
 Chrysene
 Concen: 1.03 ng/ul
 RT: 21.84 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: BG029233.D
 Acq: 14 Oct 2017 21:33

Tgt Ion:228 Resp: 32791
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.2 36.2
 229 27.4 15.2 22.8#





#85

Benzo(b)fluoranthene

Concen: 1.34 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. 0.01 min

Lab File: BG029233.D

Acq: 14 Oct 2017 21:33

Instrument :

BNA_G

ClientSampleId :

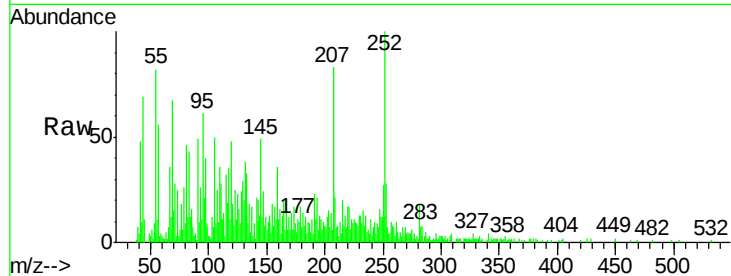
Tot Ion:252 Resp: 44510

Ion Ratio Lower Upper

252 100

253 27.6 17.0 25.4#

125 22.7 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

