

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
 Data File : BG025251.D
 Acq On : 16 Dec 2016 23:14
 Operator : UM/SJ
 Sample : H6040-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8W1

Quant Time: Dec 17 00:27:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 17 00:22:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	72405	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	291756	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	225790	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	473410	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	617283	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	650323	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	2546	1.82	ng/uL	0.00
5) Phenol-d5	7.39	99	82918	13.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	53128	13.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	61029	13.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	70850	13.57	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	32884	15.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	37560	14.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	73874	14.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	11563	2.38	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	234938	15.13	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	271094	15.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	41249	15.45	ng/ul	0.00
57) Fluorene-d10	15.84	176	207321	14.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	48663	16.62	ng/ul	0.00
70) Anthracene-d10	17.70	188	328016	16.42	ng/ul	0.00
76) Pyrene-d10	19.97	212	404074	15.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	423074	16.06	ng/ul	0.00

Target Compounds

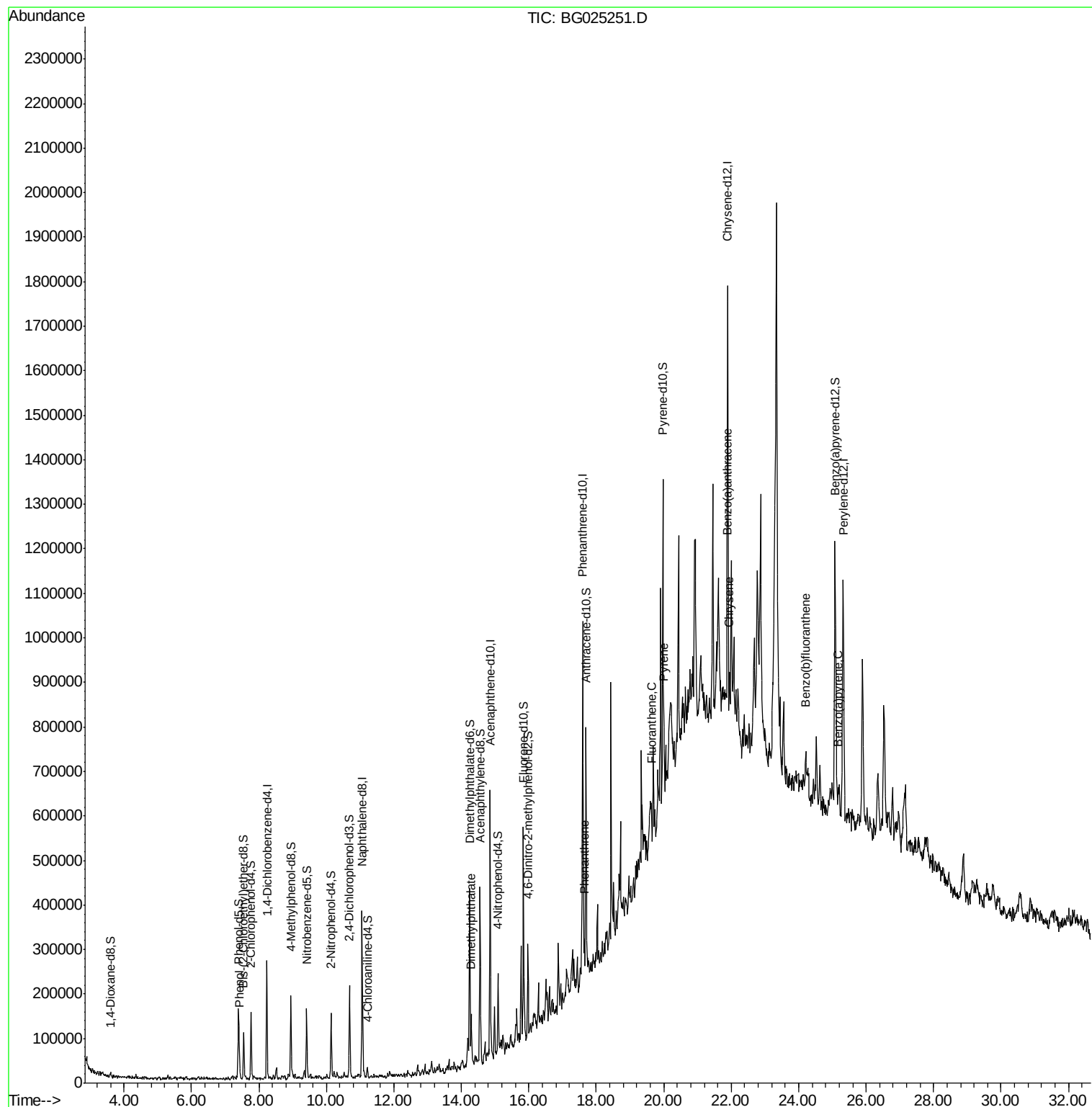
						Qvalue
6) Phenol	7.42	94	14739	2.30	ng/ul	95
44) Dimethylphthalate	14.29	163	62835	4.12	ng/ul#	94
69) Phenanthrene	17.64	178	60563	2.68	ng/ul#	93
74) Fluoranthene	19.64	202	44333	1.65	ng/ul	97
77) Pyrene	20.00	202	92468	3.12	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	56285	1.76	ng/ul#	71
82) Chrysene	21.94	228	75770	2.53	ng/ul#	83
85) Benzo(b)fluoranthene	24.22	252	50610	1.57	ng/ul#	82
88) Benzo(a)pyrene	25.15	252	48329	1.56	ng/ul#	84

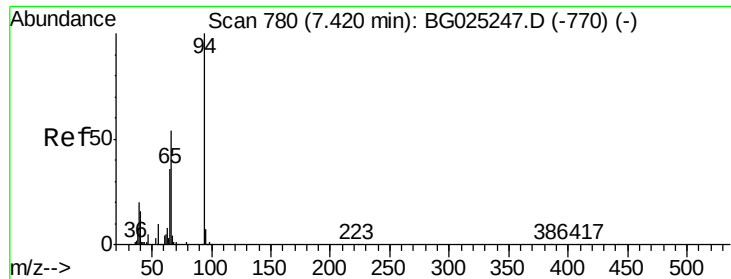
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025251.D
Acq On : 16 Dec 2016 23:14
Operator : UM/SJ
Sample : H6040-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8W1

Quant Time: Dec 17 00:27:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.30 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

Instrument :

BNA_G

ClientSampleId :

DA8W1

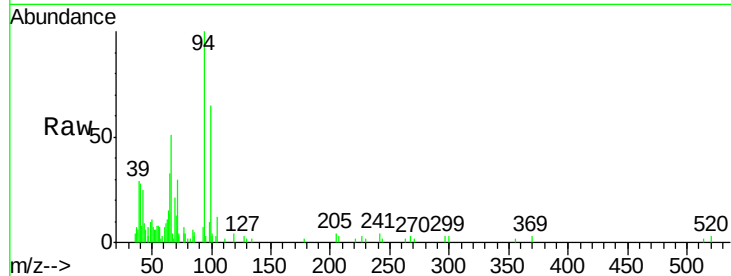
Tgt Ion: 94 Resp: 14739

Ion Ratio Lower Upper

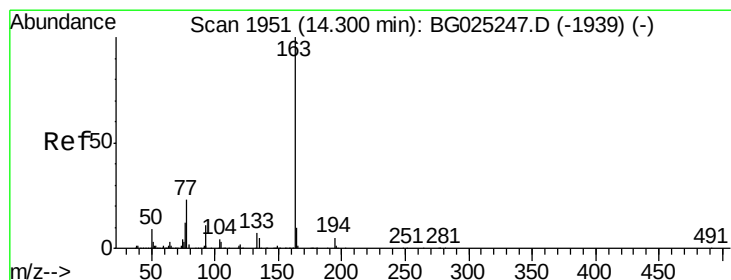
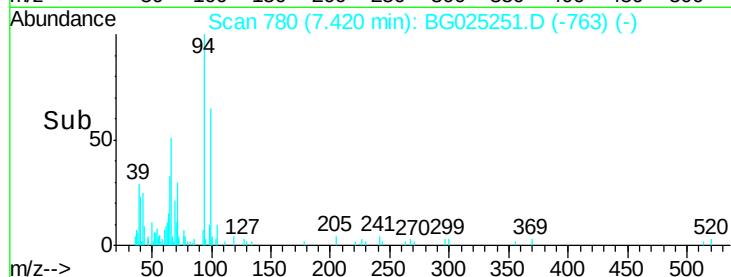
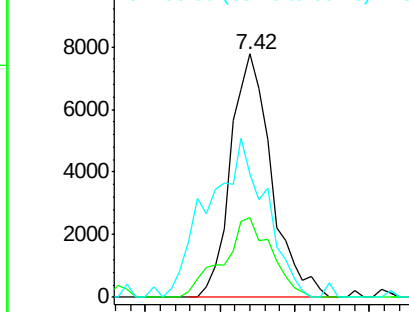
94 100

65 32.7 26.8 40.2

66 50.8 44.4 66.6



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: 4.12 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

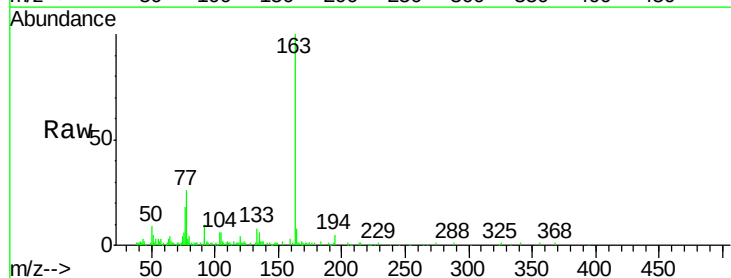
Tgt Ion: 163 Resp: 62835

Ion Ratio Lower Upper

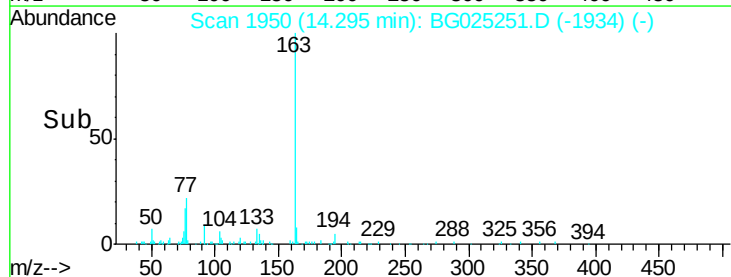
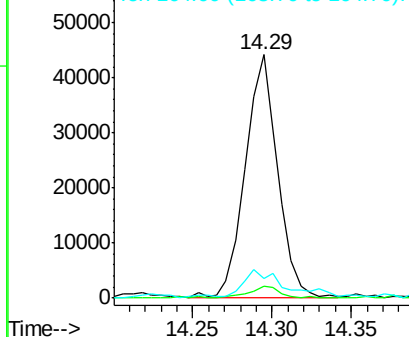
163 100

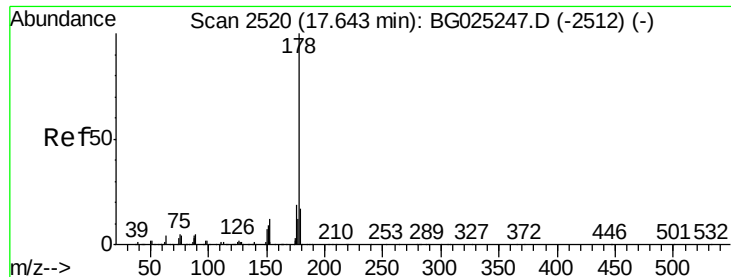
194 4.8 3.4 5.0

164 8.1 9.0 13.4#



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: 2.68 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

Instrument :

BNA_G

ClientSampleId :

DA8W1

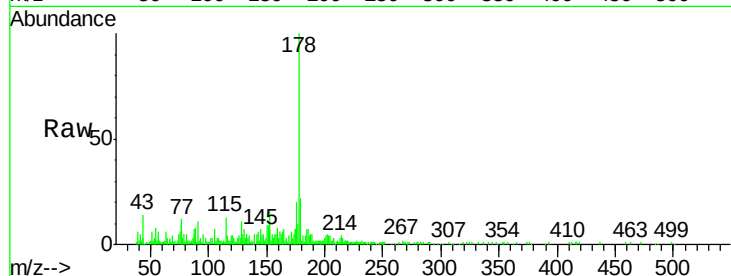
Tgt Ion:178 Resp: 60563

Ion Ratio Lower Upper

178 100

179 22.4 12.4 18.6#

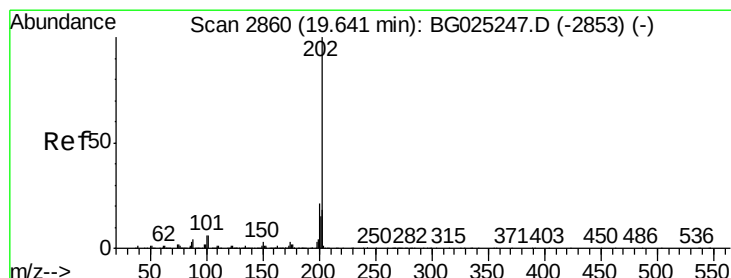
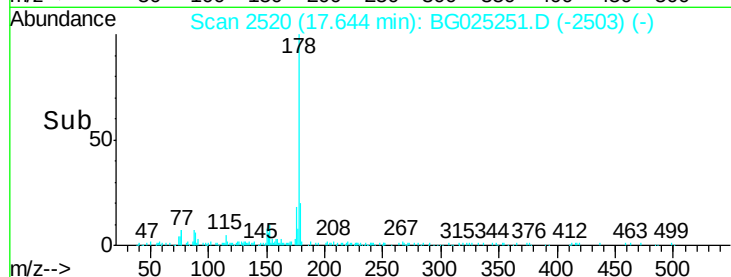
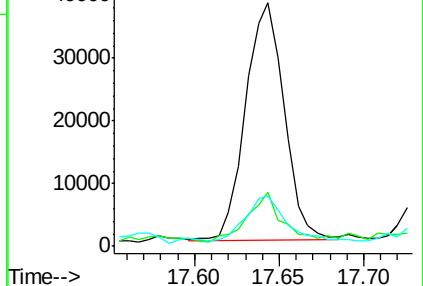
176 20.5 16.5 24.7



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: 1.65 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

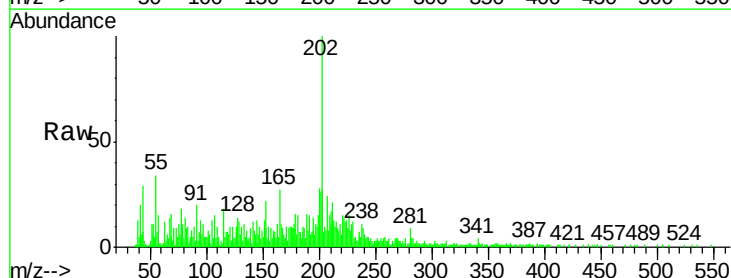
Tgt Ion:202 Resp: 44333

Ion Ratio Lower Upper

202 100

101 8.4 6.2 9.2

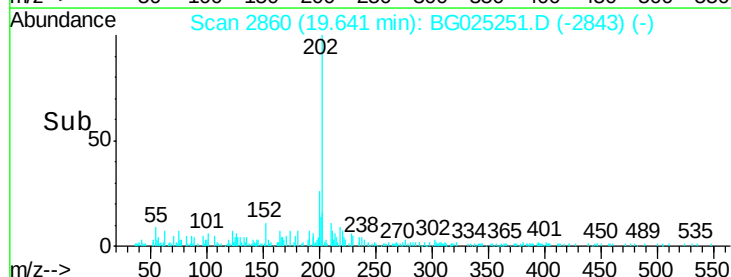
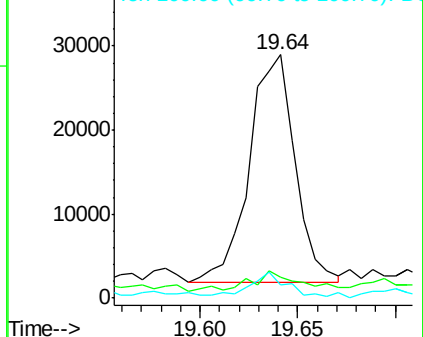
100 5.2 5.2 7.8

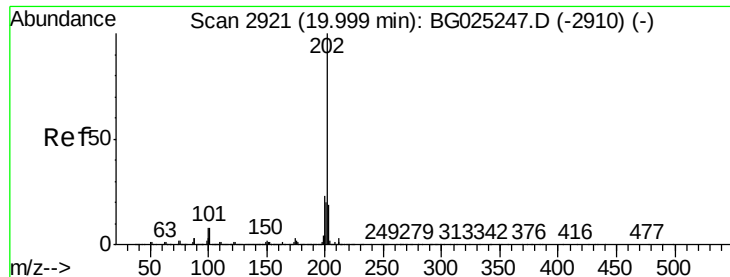


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.12 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

Instrument :

BNA_G

ClientSampleId :

DA8W1

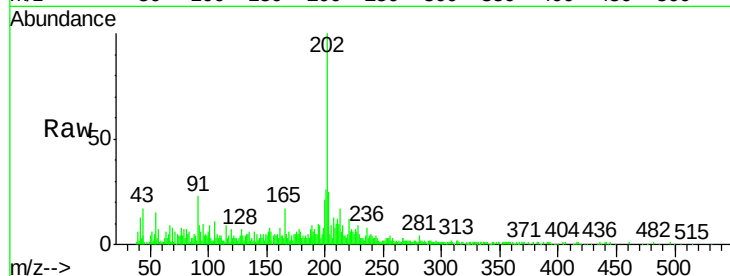
Tgt Ion:202 Resp: 92468

Ion Ratio Lower Upper

202 100

101 9.1 6.9 10.3

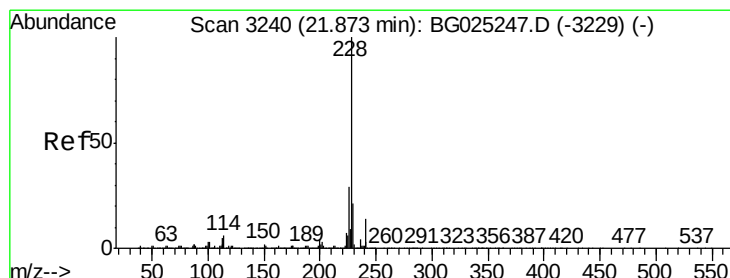
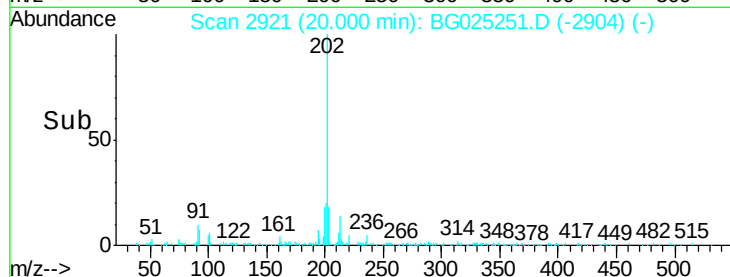
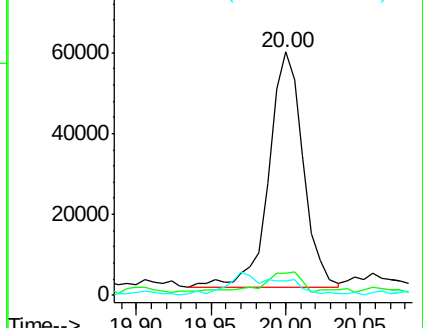
100 5.9 6.6 10.0#



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: 1.76 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

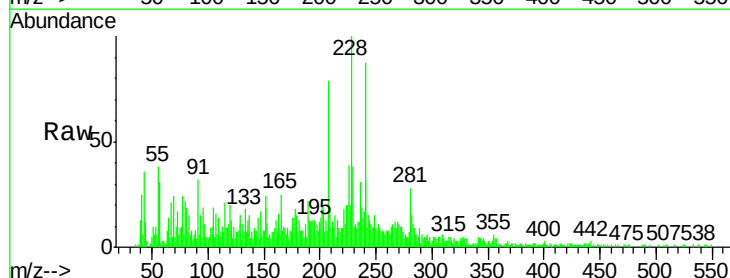
Tgt Ion:228 Resp: 56285

Ion Ratio Lower Upper

228 100

229 38.3 16.3 24.5#

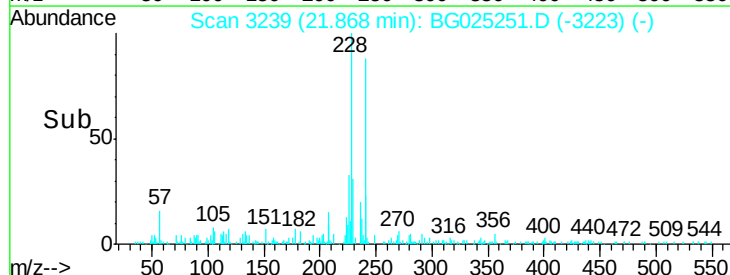
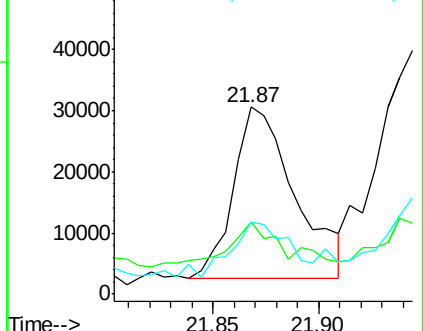
226 38.6 21.9 32.9#

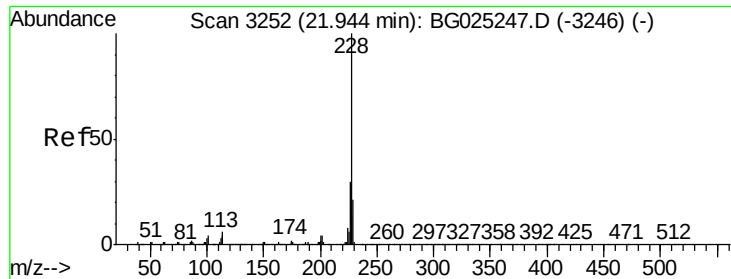


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.53 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

Instrument :

BNA_G

ClientSampleId :

DA8W1

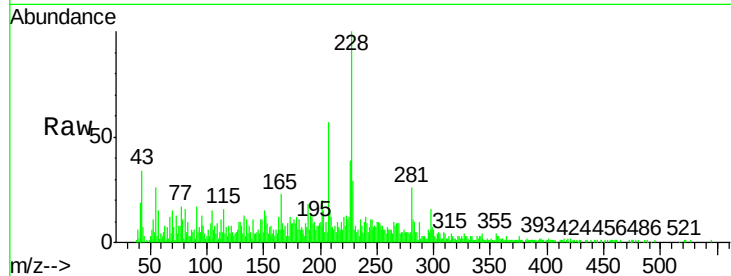
Tgt Ion:228 Resp: 75770

Ion Ratio Lower Upper

228 100

226 39.4 24.0 36.0#

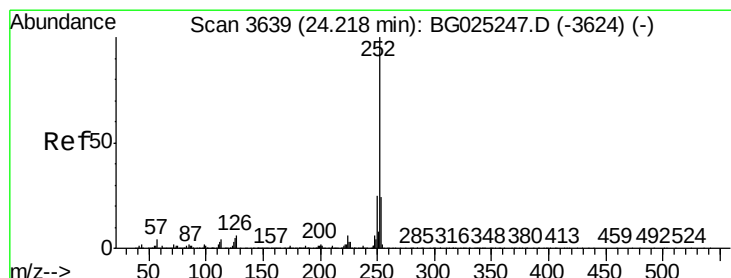
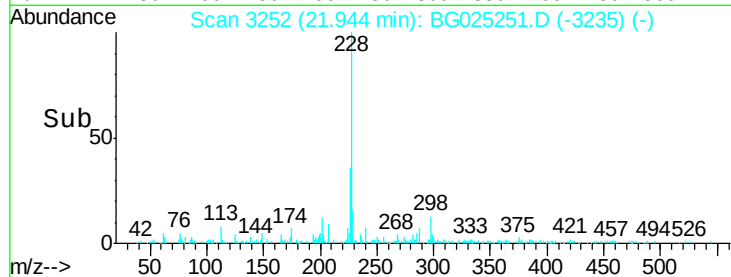
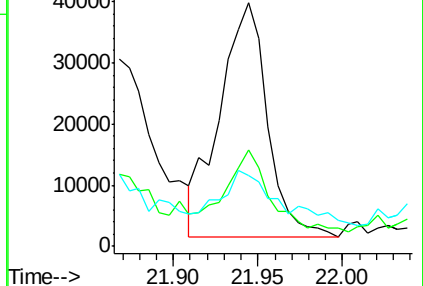
229 29.2 16.9 25.3#



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: 1.57 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. 0.00 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

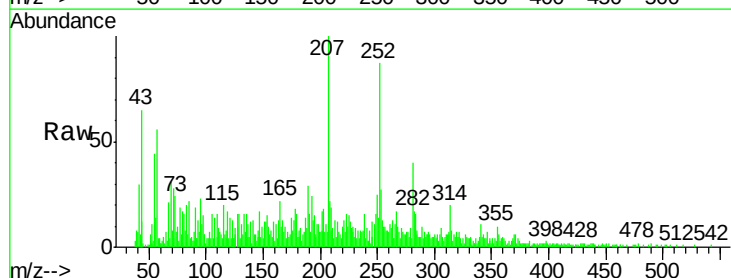
Tgt Ion:252 Resp: 50610

Ion Ratio Lower Upper

252 100

253 30.7 17.7 26.5#

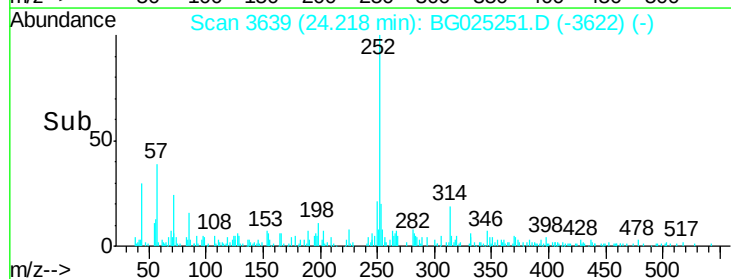
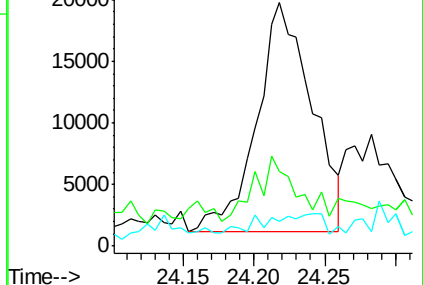
125 10.4 4.0 6.0#

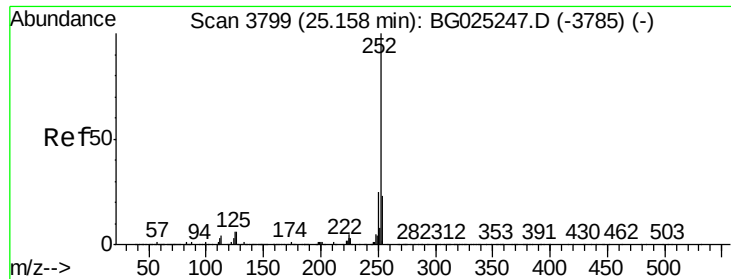


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.56 ng/ul

RT: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG025251.D

Acq: 16 Dec 2016 23:14

Instrument :

BNA_G

ClientSampleId :

DA8W1

Tgt Ion: 252 Resp: 48329

Ion Ratio Lower Upper

252 100

253 31.1 17.8 26.6#

125 9.4 5.4 8.0#

