

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025216.D
 Acq On : 15 Dec 2016 17:59
 Operator : UM/SJ
 Sample : H5995-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 03:27:46 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 03:23:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	62143	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	303308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	241929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	525943	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	652932	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	620859	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4448	3.70	ng/uL	0.00
5) Phenol-d5	7.38	99	127711	23.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	78022	23.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	86453	23.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	103500	23.10	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	46582	21.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	58520	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	111395	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	136731	27.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	366508	22.02	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	426280	23.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	52538	18.37	ng/ul	0.00
57) Fluorene-d10	15.84	176	336844	21.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	62598	19.25	ng/ul	0.00
70) Anthracene-d10	17.70	188	521042	23.47	ng/ul	0.00
76) Pyrene-d10	19.97	212	641388	23.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	606226	24.10	ng/ul	0.00

Target Compounds

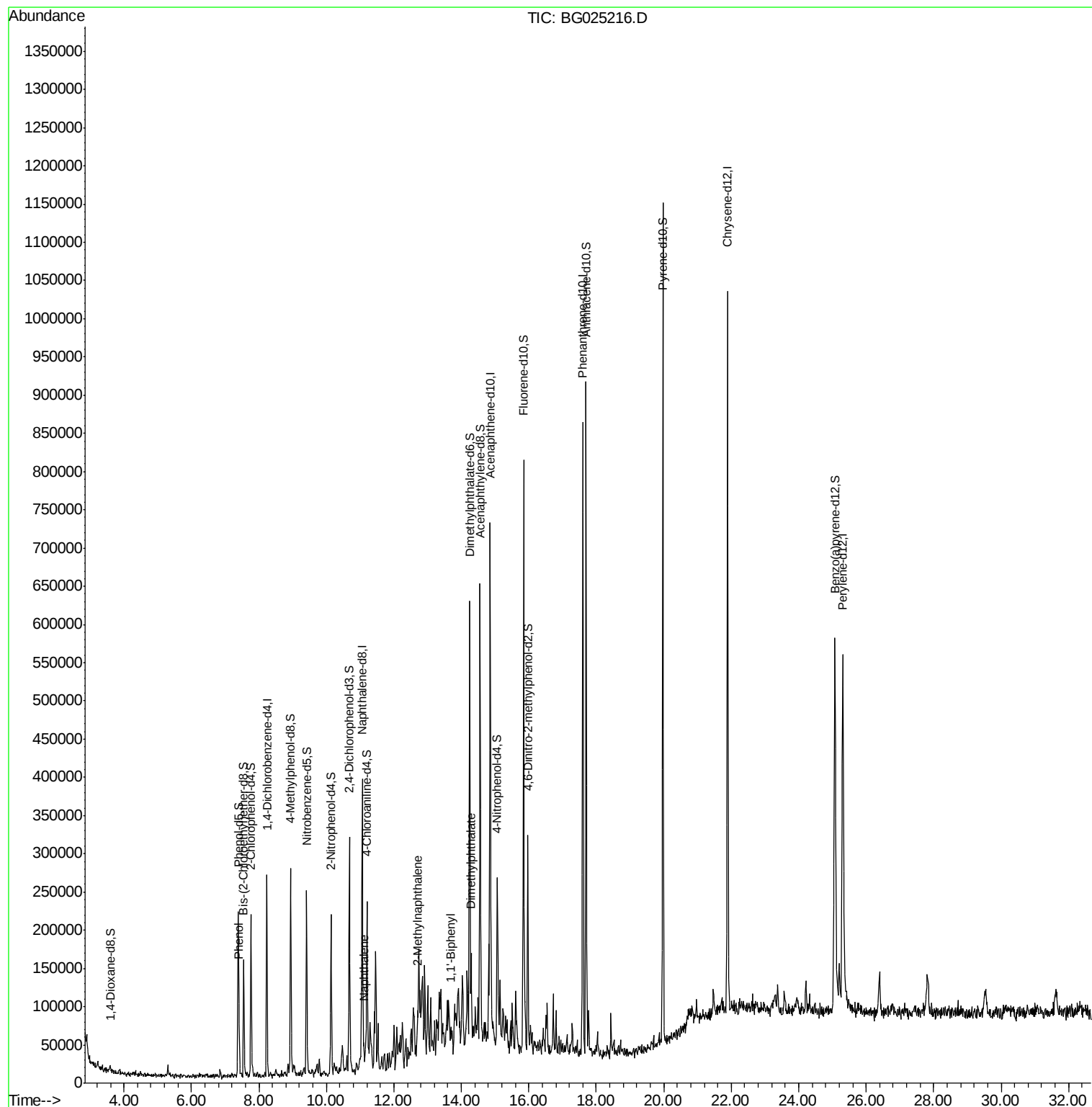
					Ovalue	
6) Phenol	7.41	94	19255	3.50	ng/ul#	79
28) Naphthalene	11.12	128	23300	1.65	ng/ul#	80
34) 2-Methylnaphthalene	12.70	142	27087	2.43	ng/ul	91
40) 1,1'-Biphenyl	13.69	154	19768	1.35	ng/ul#	92
44) Dimethylphthalate	14.29	163	52050	3.18	ng/ul#	93

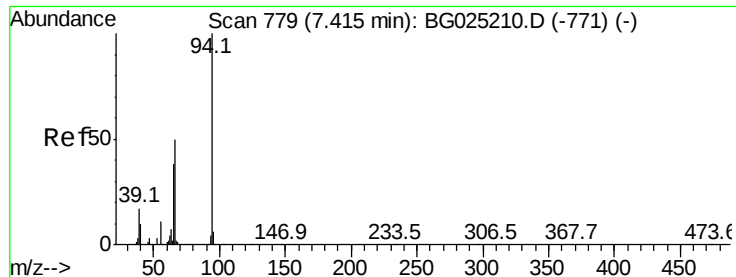
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.50 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025216.D

Acq: 15 Dec 2016 17:59

Instrument :

BNA_G

ClientSampleId :

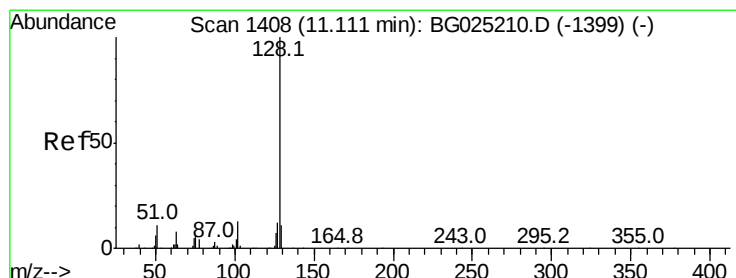
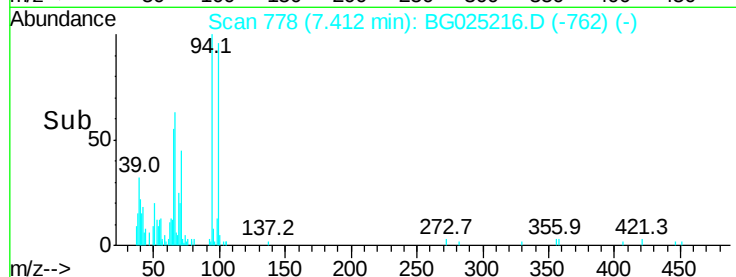
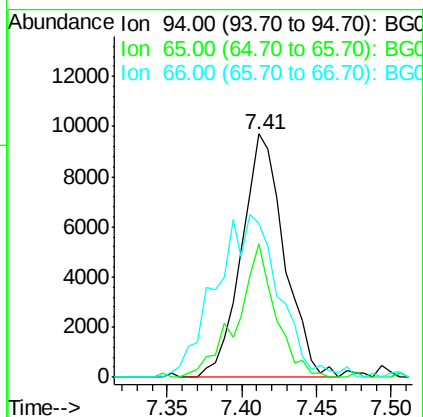
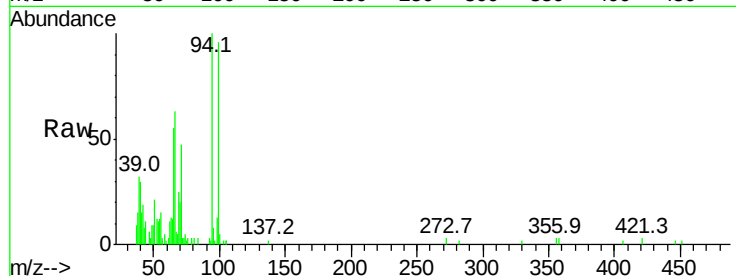
Tot Ion: 94 Resp: 19255

Ion Ratio Lower Upper

94 100

65 55.0 26.8 40.2#

66 63.3 44.4 66.6



#28

Naphthalene

Concen: 1.65 ng/ul

RT: 11.12 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BG025216.D

Acq: 15 Dec 2016 17:59

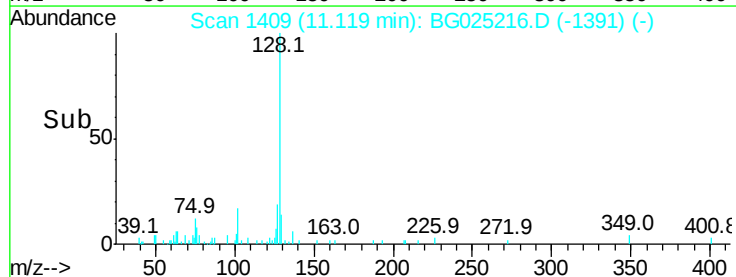
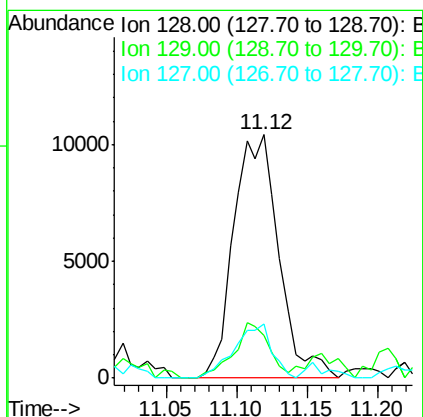
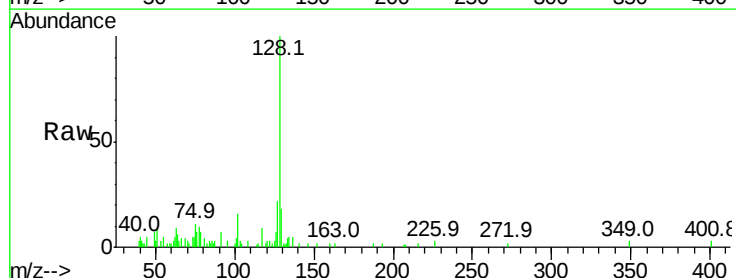
Tgt Ion:128 Resp: 23300

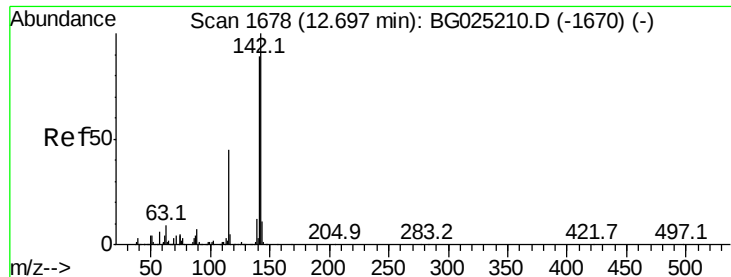
Ion Ratio Lower Upper

128 100

129 17.8 9.4 14.2#

127 22.2 10.3 15.5#





#34

2-Methylnaphthalene

Concen: 2.43 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG025216.D

Acq: 15 Dec 2016 17:59

Instrument :

BNA_G

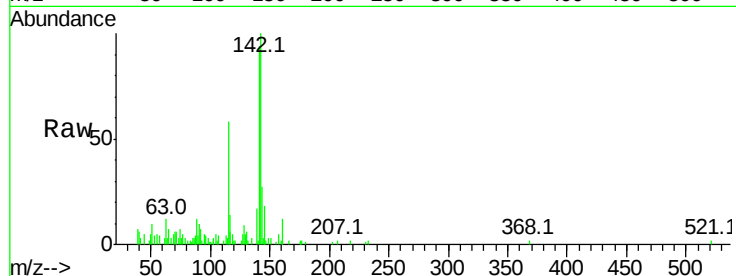
ClientSampleId :

Tot Ion:142 Resp: 27087

Ion Ratio Lower Upper

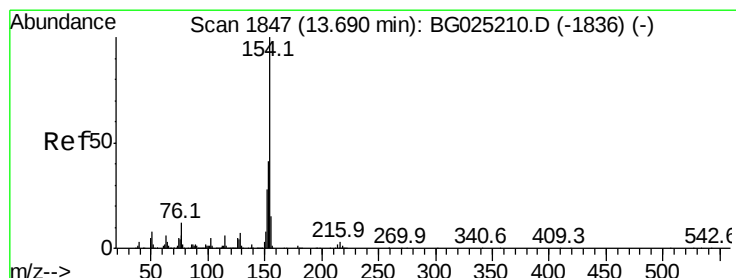
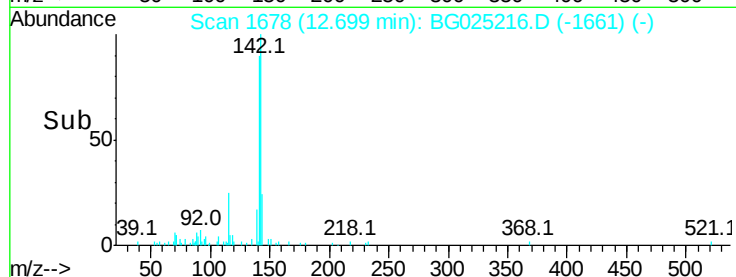
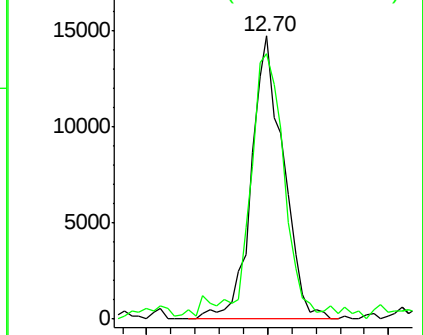
142 100

141 93.6 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#40

1,1'-Biphenyl

Concen: 1.35 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025216.D

Acq: 15 Dec 2016 17:59

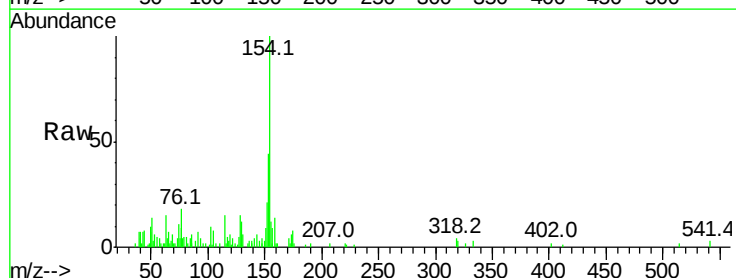
Tgt Ion:154 Resp: 19768

Ion Ratio Lower Upper

154 100

153 44.2 32.2 48.2

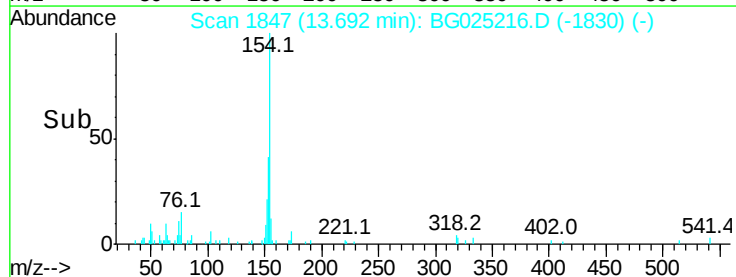
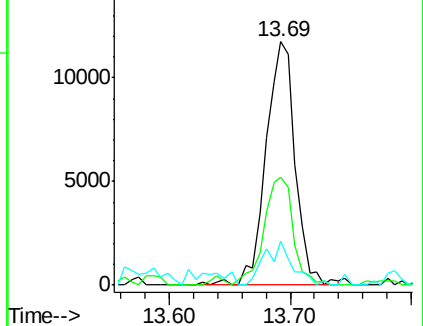
76 17.9 9.6 14.4#

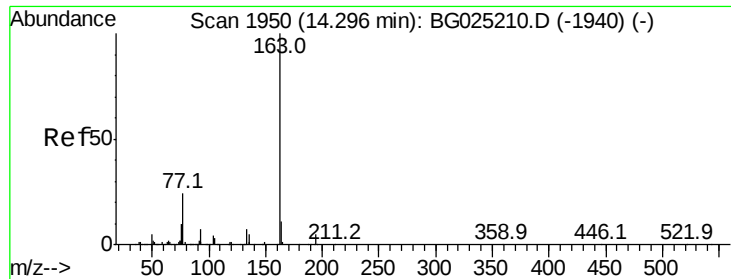


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#44

Dimethylphthalate

Concen: 3.18 ng/ul

RT: 14.29 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG025216.D

Acq: 15 Dec 2016 17:59

Instrument :

BNA_G

ClientSampleId :

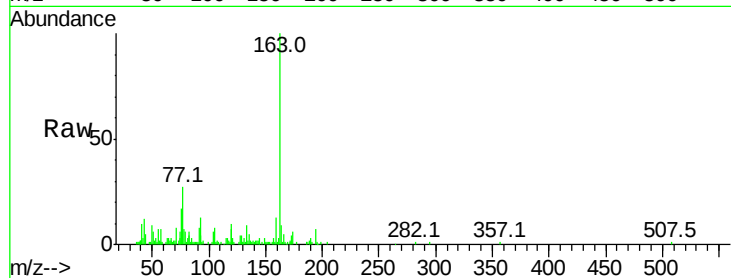
Tot Ion:163 Resp: 52050

Ion Ratio Lower Upper

163 100

194 7.3 3.4 5.0#

164 8.8 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

