

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025215.D
 Acq On : 15 Dec 2016 17:20
 Operator : UM/SJ
 Sample : H5995-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 03:27:32 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	63737	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	281769	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	234217	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	520870	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	652037	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	626464	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4290	3.48	ng/uL	0.00
5) Phenol-d5	7.39	99	115807	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	73947	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	81619	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	100367	21.84	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	42603	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	53454	21.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	101103	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	13832	2.94	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	345458	21.44	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	397711	22.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	52206	18.85	ng/ul	0.00
57) Fluorene-d10	15.84	176	315261	20.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	60390	18.75	ng/ul	0.00
70) Anthracene-d10	17.70	188	500236	22.75	ng/ul	0.00
76) Pyrene-d10	19.97	212	649479	24.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	607062	23.92	ng/ul	0.00

Target Compounds

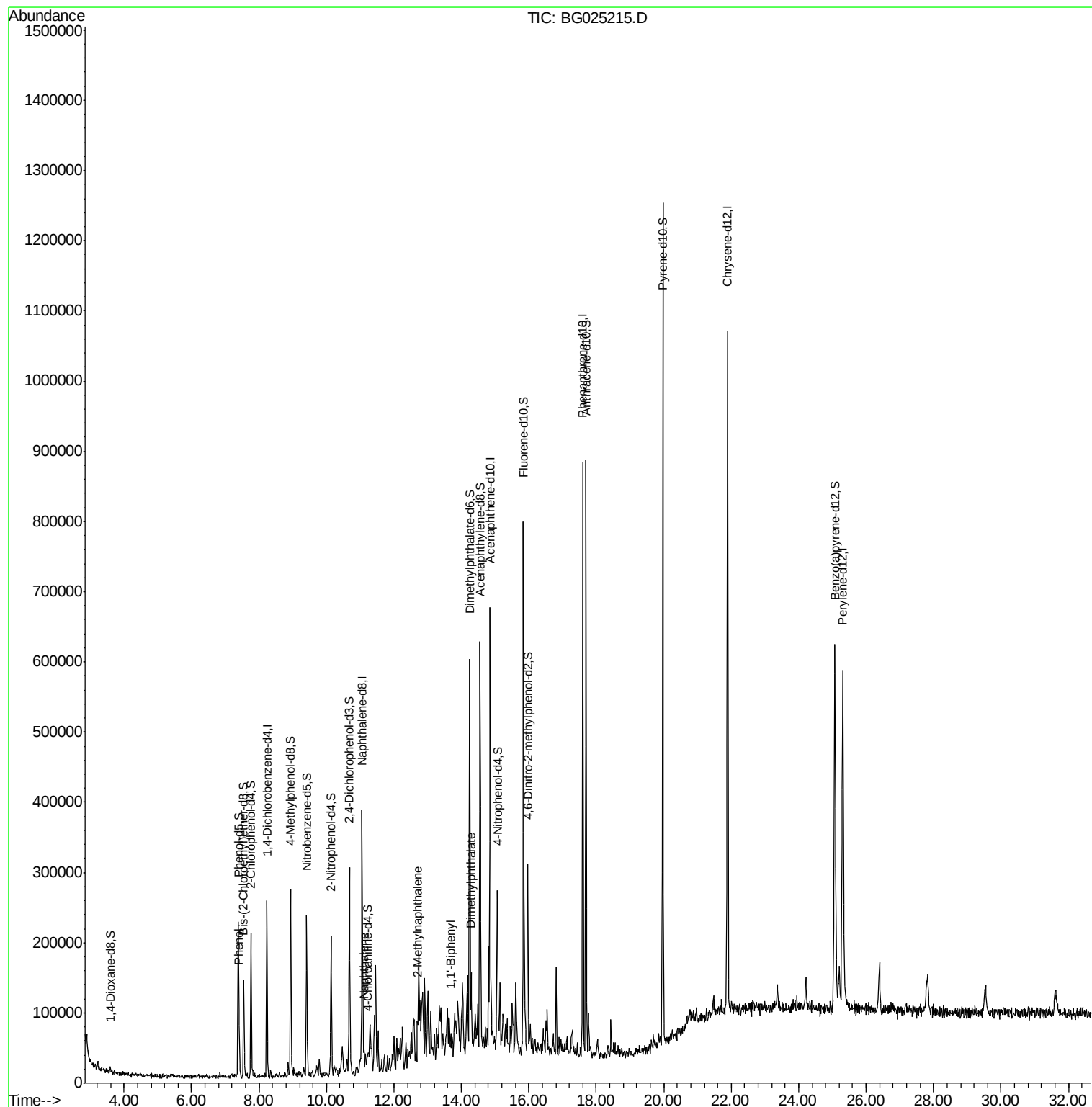
					Ovalue
6) Phenol	7.41	94	22969	4.07 ng/ul#	94
28) Naphthalene	11.11	128	24608	1.88 ng/ul#	94
34) 2-Methylnaphthalene	12.70	142	21830	2.11 ng/ul	88
40) 1,1'-Biphenyl	13.69	154	19428	1.37 ng/ul#	77
44) Dimethylphthalate	14.29	163	45922	2.90 ng/ul#	95

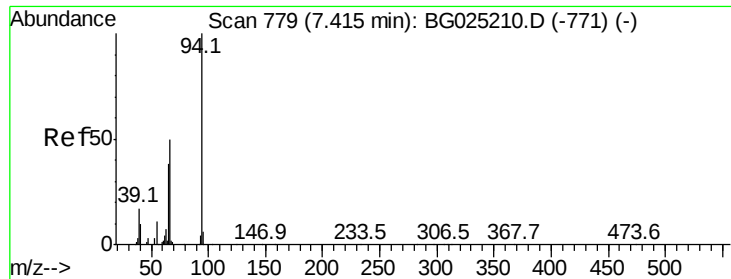
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.07 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG025215.D

Acq: 15 Dec 2016 17:20

Instrument :

BNA_G

ClientSampleId :

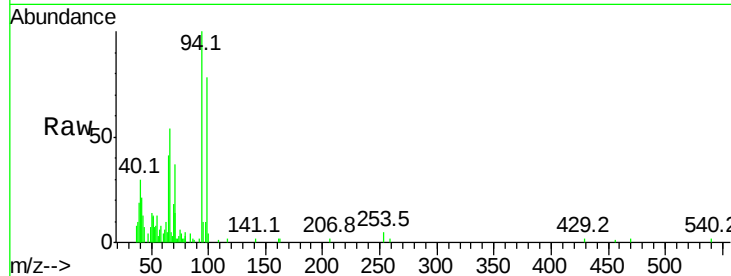
Tot Ion: 94 Resp: 22969

Ion Ratio Lower Upper

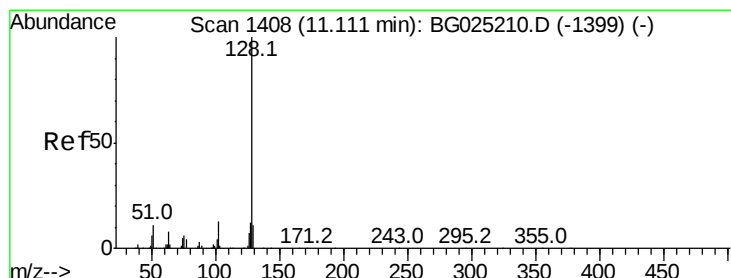
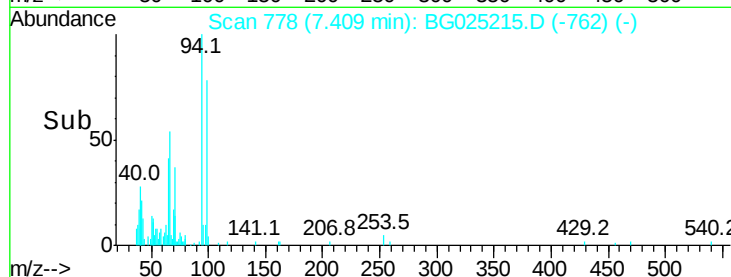
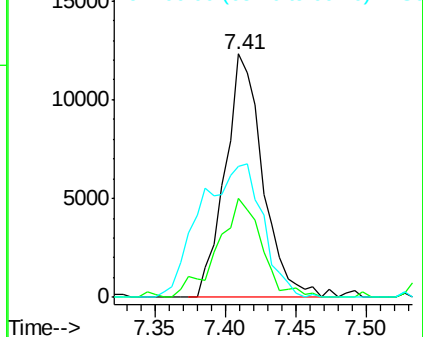
94 100

65 40.9 26.8 40.2#

66 53.6 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



#28

Naphthalene

Concen: 1.88 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BG025215.D

Acq: 15 Dec 2016 17:20

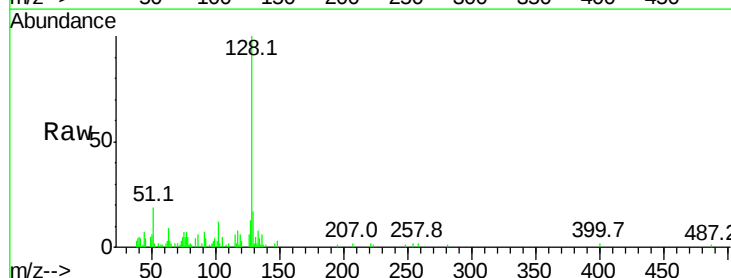
Tgt Ion:128 Resp: 24608

Ion Ratio Lower Upper

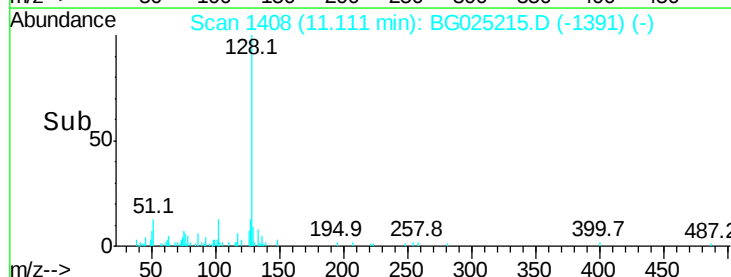
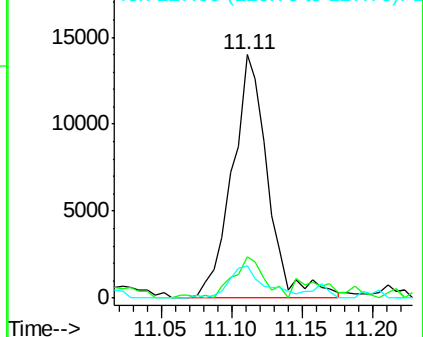
128 100

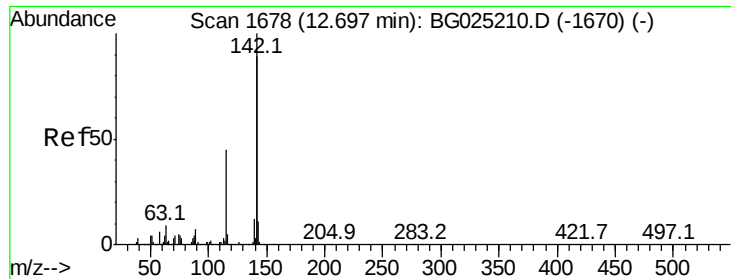
129 16.8 9.4 14.2#

127 13.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

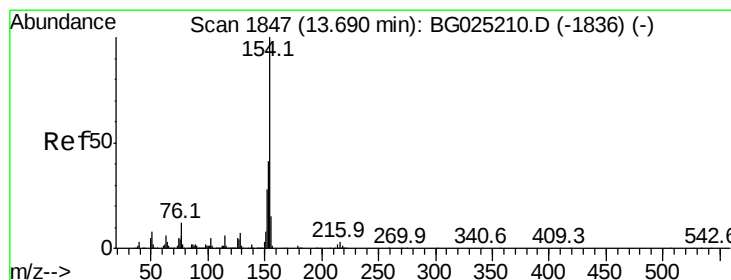
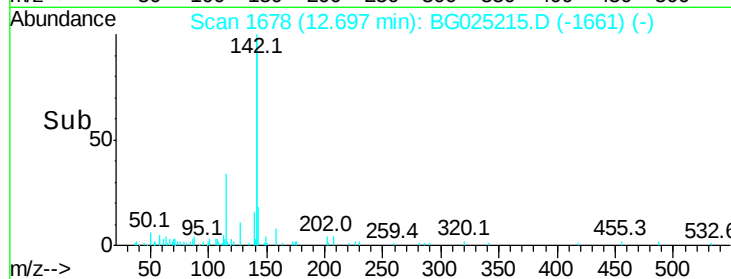
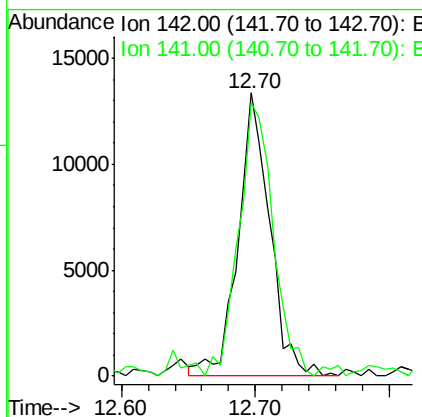
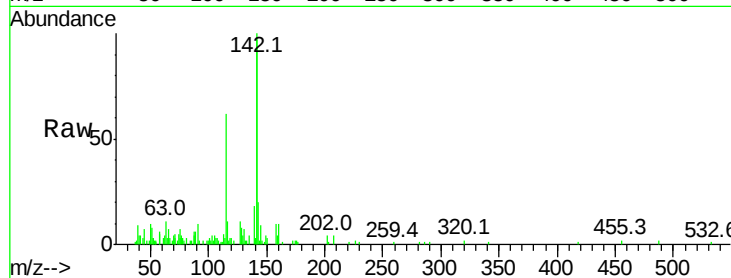




#34
 2-Methylnaphthalene
 Concen: 2.11 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025215.D
 Acq: 15 Dec 2016 17:20

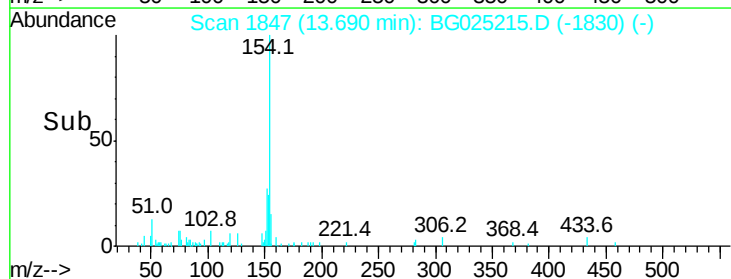
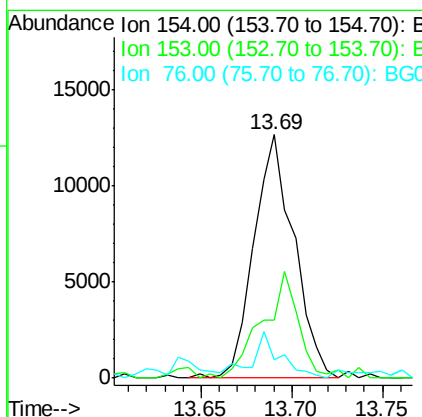
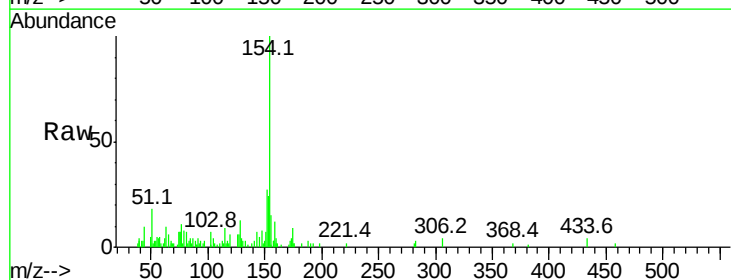
Instrument :
 BNA_G
 ClientSampleId :

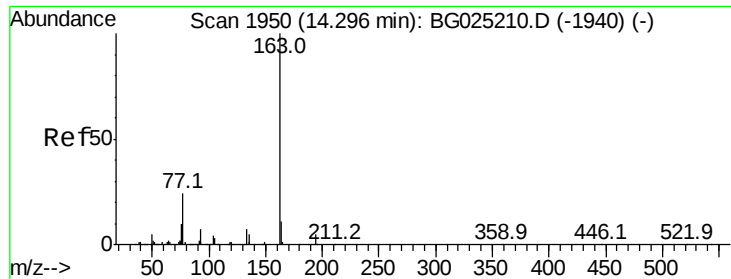
Tot Ion:142 Resp: 21830
 Ion Ratio Lower Upper
 142 100
 141 96.5 68.6 102.8



#40
 1,1'-Biphenyl
 Concen: 1.37 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG025215.D
 Acq: 15 Dec 2016 17:20

Tgt Ion:154 Resp: 19428
 Ion Ratio Lower Upper
 154 100
 153 23.8 32.2 48.2#
 76 7.3 9.6 14.4#





#44

Dimethylphthalate

Concen: 2.90 ng/ul

RT: 14.29 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG025215.D

Acq: 15 Dec 2016 17:20

Instrument :

BNA_G

ClientSampleId :

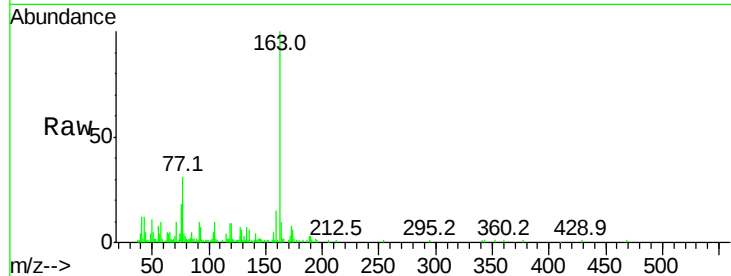
Tot Ion:163 Resp: 45922

Ion Ratio Lower Upper

163 100

194 2.4 3.4 5.0#

164 9.6 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

