

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
 Data File : BG019226.D
 Acq On : 16 Oct 2015 16:55
 Operator : UM/NP
 Sample : G3996-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK8

Quant Time: Oct 17 06:33:50 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 17 06:30:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	65289	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	47799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	123572	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	158698	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	152363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1575	6.53	ng/uL	0.00
5) Phenol-d5	7.17	99	41890	35.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	24590	32.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	30566	35.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	35841	36.06	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	16207	32.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	18954	35.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	37871	35.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	42827	31.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	139598	33.39	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	151088	33.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	27414	36.48	ng/ul	0.00
58) Fluorene-d10	15.63	176	117229	32.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	25343	33.24	ng/ul	0.00
71) Anthracene-d10	17.48	188	201720	34.55	ng/ul	0.00
79) Pyrene-d10	19.77	212	253043	35.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	282914	36.76	ng/ul	0.00

Target Compounds

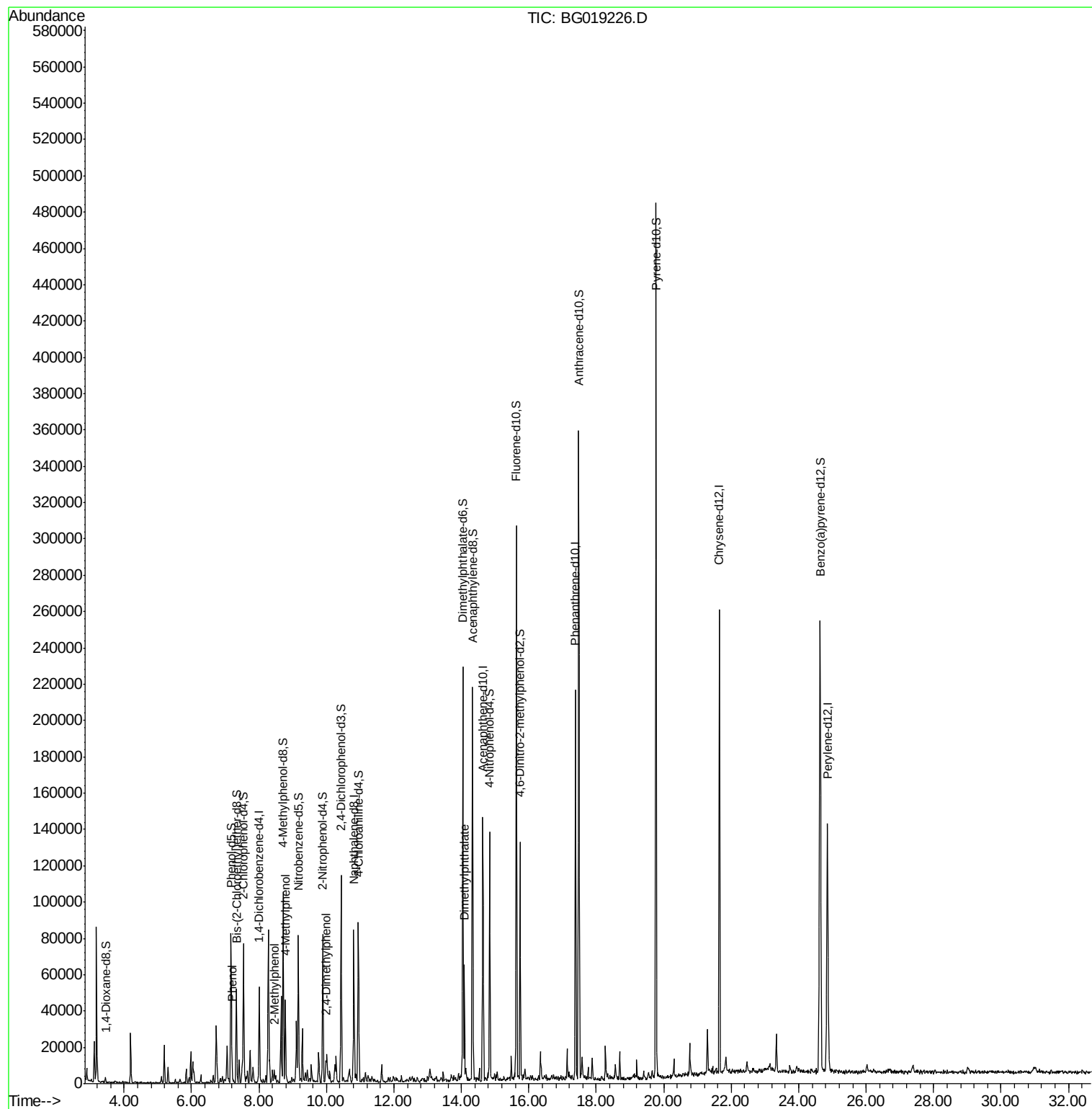
					Ovalue
6) Phenol	7.20	94	1702	1.39 ng/ul#	66
11) 2-Methylphenol	8.45	108	2158	2.25 ng/ul	97
16) 4-Methylphenol	8.78	108	14928	13.88 ng/ul	96
24) 2,4-Dimethylphenol	9.98	107	2422	1.76 ng/ul	89
45) Dimethylphthalate	14.09	163	38650	9.18 ng/ul	99

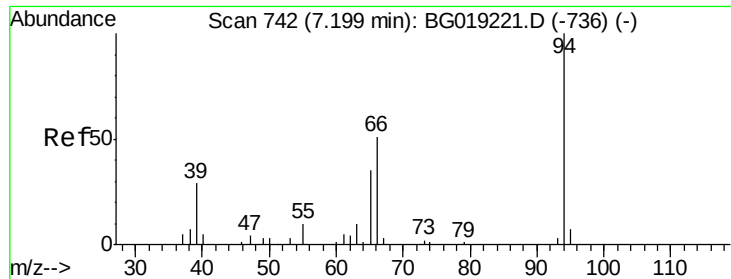
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.39 ng/ul

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019226.D

Acq: 16 Oct 2015 16:55

Instrument :

BNA_G

ClientSampleId :

E5LK8

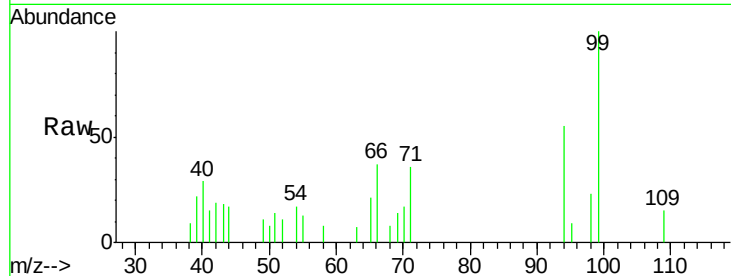
Tot Ion: 94 Resp: 1702

Ion Ratio Lower Upper

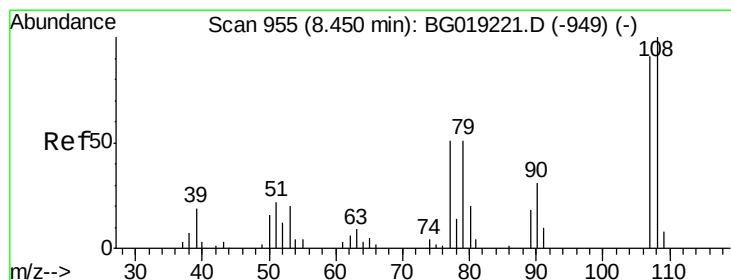
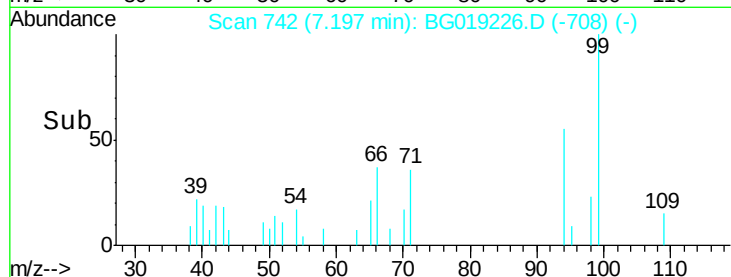
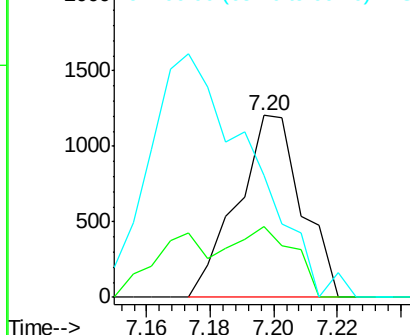
94 100

65 38.8 24.9 37.3#

66 66.8 29.1 43.7#



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



#11

2-Methylphenol

Concen: 2.25 ng/ul

RT: 8.45 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG019226.D

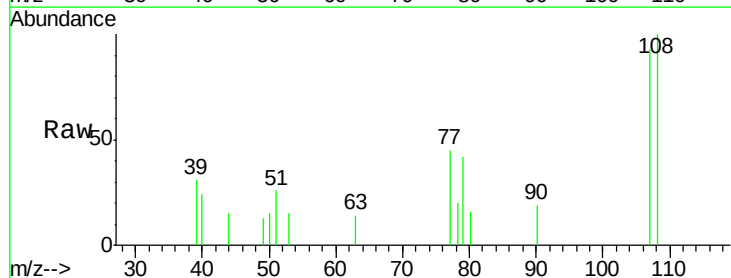
Acq: 16 Oct 2015 16:55

Tgt Ion: 108 Resp: 2158

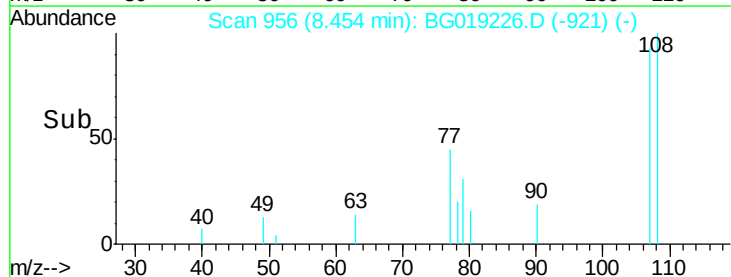
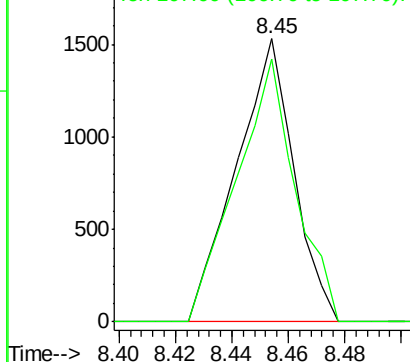
Ion Ratio Lower Upper

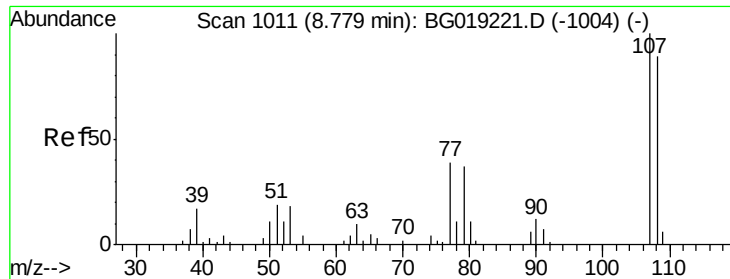
108 100

107 93.1 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC





#16

4-Methylphenol

Concen: 13.88 ng/ul

RT: 8.78 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BG019226.D

Acq: 16 Oct 2015 16:55

Instrument :

BNA_G

ClientSampled :

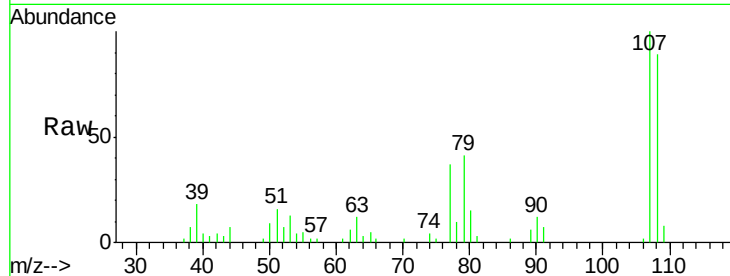
E5LK8

Tot Ion:108 Resp: 14928

Ion Ratio Lower Upper

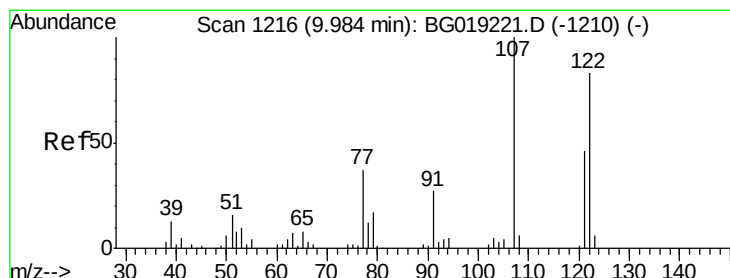
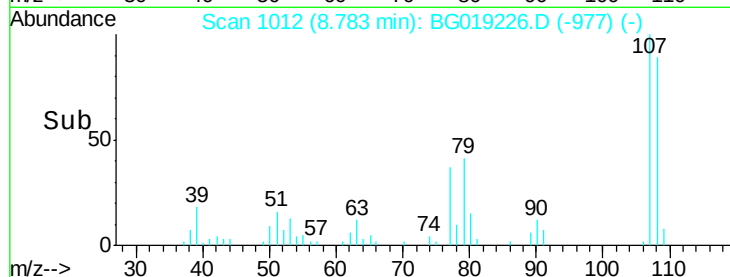
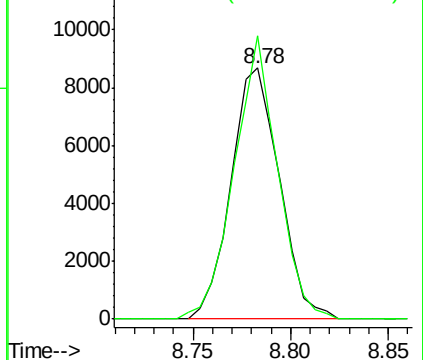
108 100

107 112.7 86.6 130.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#24

2,4-Dimethylphenol

Concen: 1.76 ng/ul

RT: 9.98 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG019226.D

Acq: 16 Oct 2015 16:55

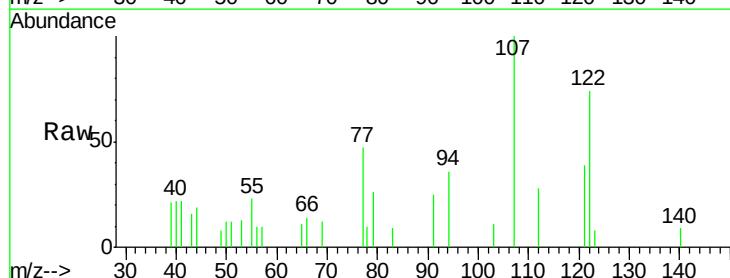
Tgt Ion:107 Resp: 2422

Ion Ratio Lower Upper

107 100

121 39.2 37.2 55.8

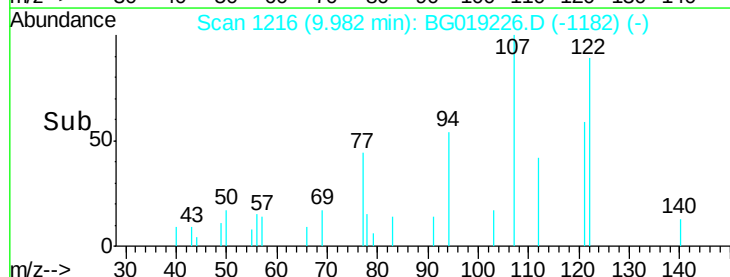
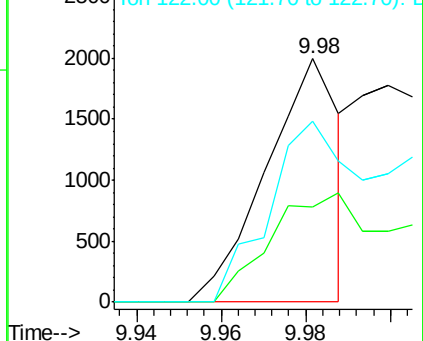
122 74.2 67.6 101.4

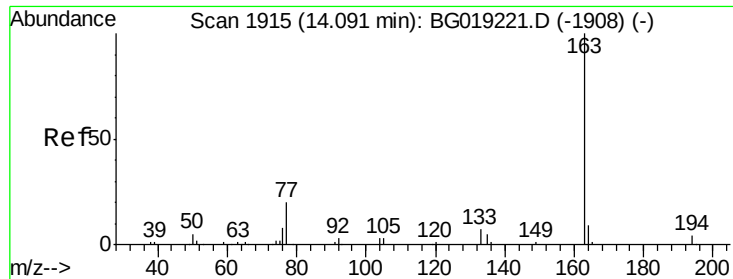


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#45

Dimethylphthalate

Concen: 9.18 ng/ul

RT: 14.09 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG019226.D

Acq: 16 Oct 2015 16:55

Instrument :

BNA_G

ClientSampleId :

E5LK8

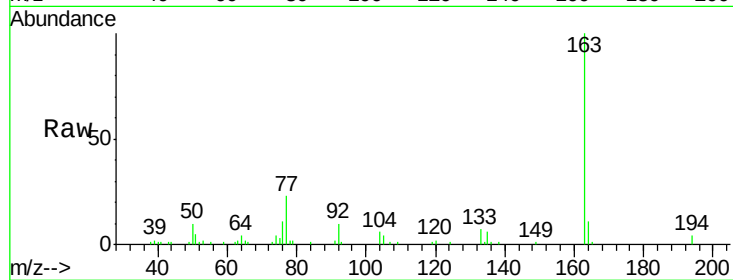
Tot Ion:163 Resp: 38650

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.6 8.1 12.1



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

