

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019667.D
 Acq On : 17 Nov 2015 19:44
 Operator : UM/NP
 Sample : G4427-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 01:23:58 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 01:19:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	18649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	82148	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	82826	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	246871	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	327759	20.00	ng/ul	0.00
86) Perylene-d12	25.10	264	315348	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	2872	6.58	ng/uL	0.00
5) Phenol-d5	7.29	99	56911	29.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	42154	33.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	37974	31.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	49195	31.10	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	21944	32.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	24049	31.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	48804	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	52218	33.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	219074	29.25	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	184260	22.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	34367	29.12	ng/ul	0.00
58) Fluorene-d10	15.77	176	142850	21.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	36487	22.88	ng/ul	0.00
71) Anthracene-d10	17.62	188	242605	20.24	ng/ul	0.00
79) Pyrene-d10	19.90	212	257355	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	211283	12.83	ng/ul	0.00

Target Compounds

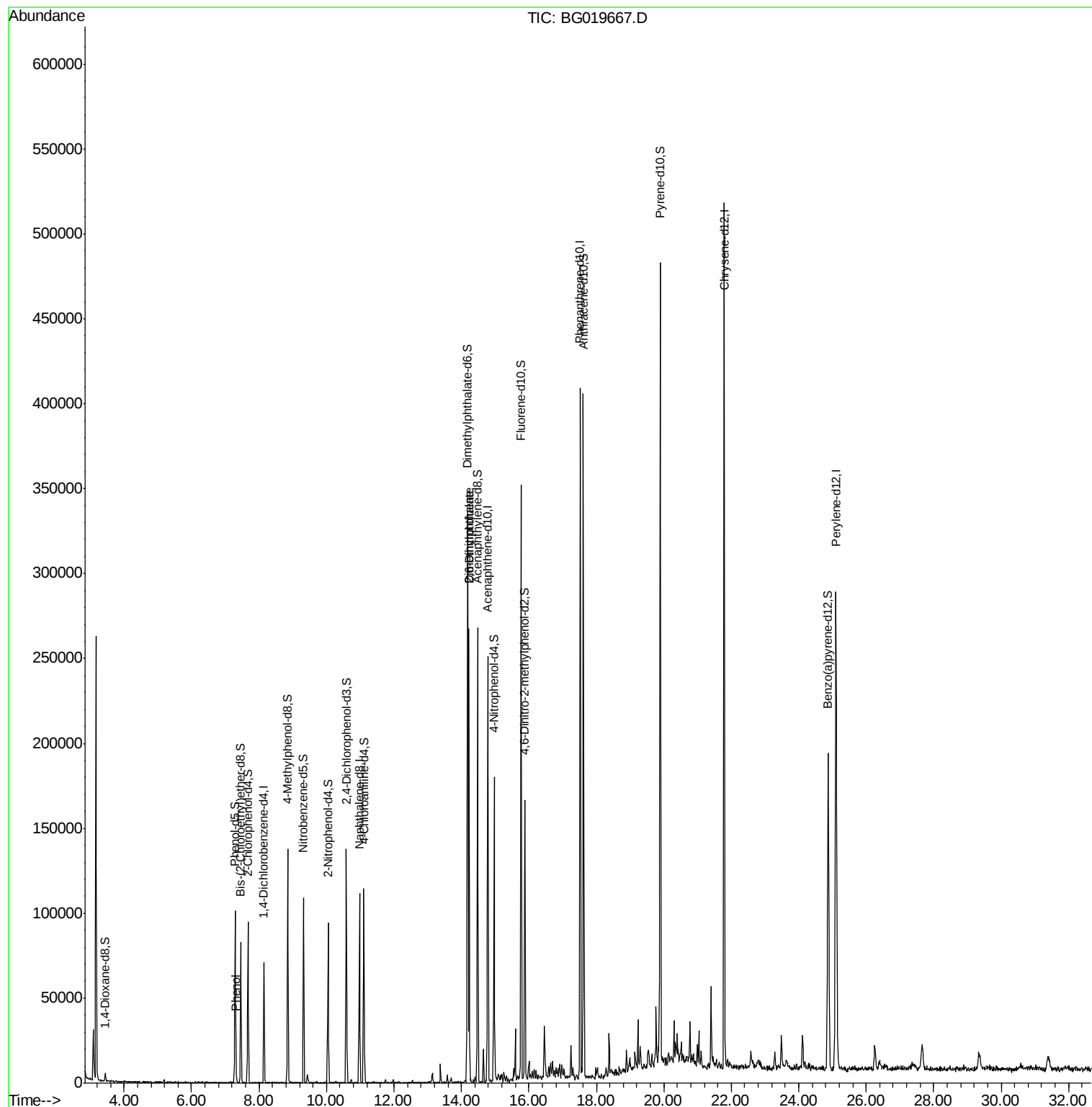
					Ovalue
6) Phenol	7.32	94	3406	1.65 ng/ul#	90
45) Dimethylphthalate	14.23	163	167442	22.54 ng/ul	97
46) 2,6-Dinitrotoluene	14.22	165	1882	1.27 ng/ul#	23

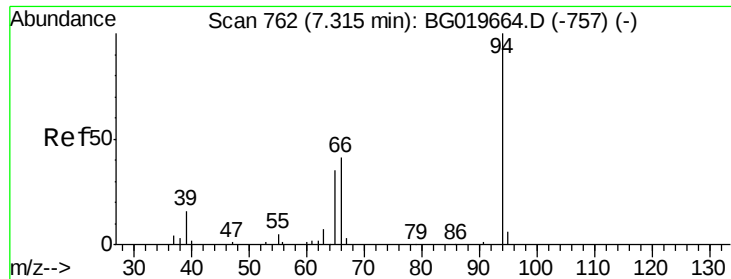
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.65 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.01 min

Lab File: BG019667.D

Acq: 17 Nov 2015 19:44

Instrument :

BNA_G

ClientSampleId :

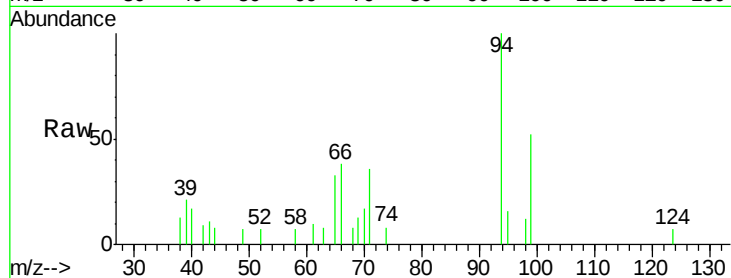
Tot Ion: 94 Resp: 3406

Ion Ratio Lower Upper

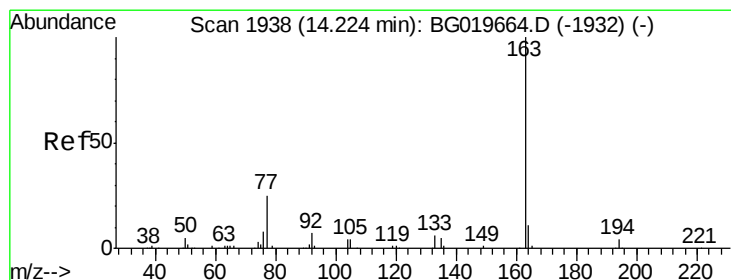
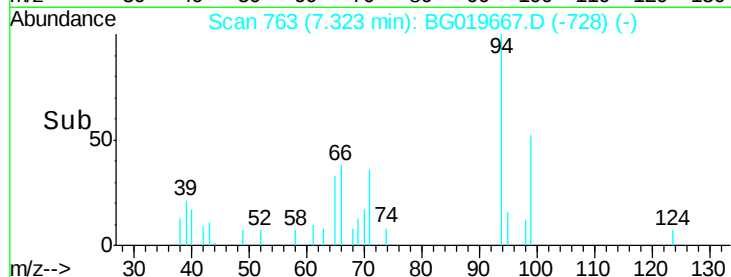
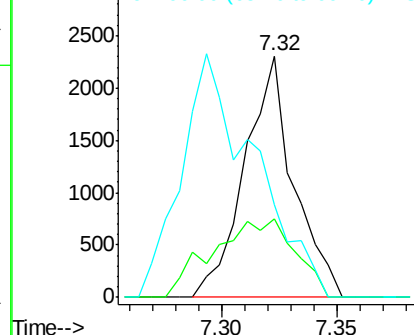
94 100

65 32.6 27.4 41.0

66 38.1 39.0 58.6#



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



#45

Dimethylphthalate

Concen: 22.54 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019667.D

Acq: 17 Nov 2015 19:44

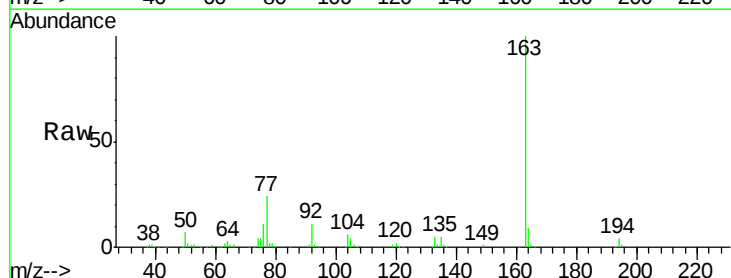
Tgt Ion:163 Resp: 167442

Ion Ratio Lower Upper

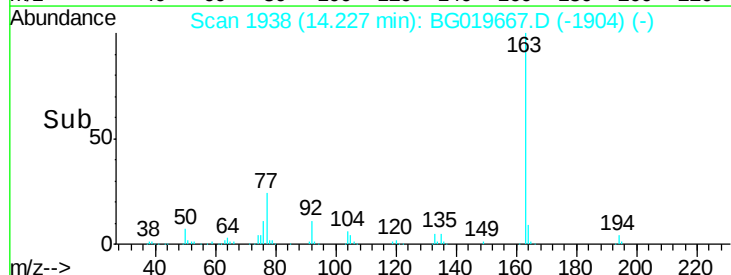
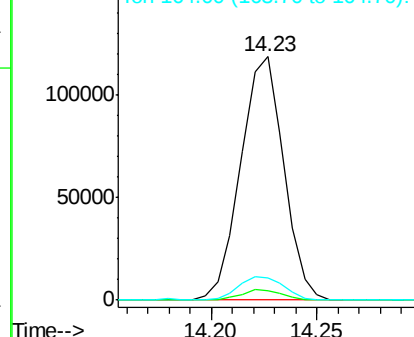
163 100

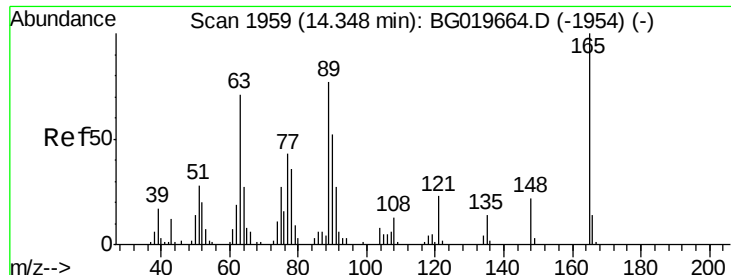
194 3.8 3.5 5.3

164 9.2 8.3 12.5



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





#46

2,6-Dinitrotoluene

Concen: 1.27 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. -0.13 min

Lab File: BG019667.D

Acq: 17 Nov 2015 19:44

Instrument :

BNA_G

ClientSampleId :

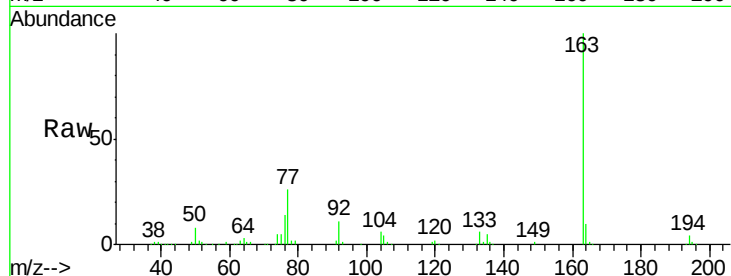
Tot Ion:165 Resp: 1882

Ion Ratio Lower Upper

165 100

89 0.0 61.1 91.7#

121 38.8 17.8 26.8#



Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): E

