

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111515\
 Data File : BG019617.D
 Acq On : 15 Nov 2015 16:29
 Operator : UM/NP
 Sample : G4401-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 02:29:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:26:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	25994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	102202	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	80809	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	235790	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	300092	20.00	ng/ul	0.00
86) Perylene-d12	25.13	264	291181	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2999	5.53	ng/uL	0.00
5) Phenol-d5	7.30	99	64141	26.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	46287	30.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	39945	26.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	54489	28.67	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	21924	29.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	27441	30.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	52069	26.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	47246	24.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	206852	31.05	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	213548	28.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	34774	32.85	ng/ul	0.00
58) Fluorene-d10	15.78	176	175867	28.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	36458	23.89	ng/ul	0.00
71) Anthracene-d10	17.63	188	321217	29.88	ng/ul	0.00
79) Pyrene-d10	19.91	212	373197	28.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.90	264	395139	27.04	ng/ul	0.00

Target Compounds

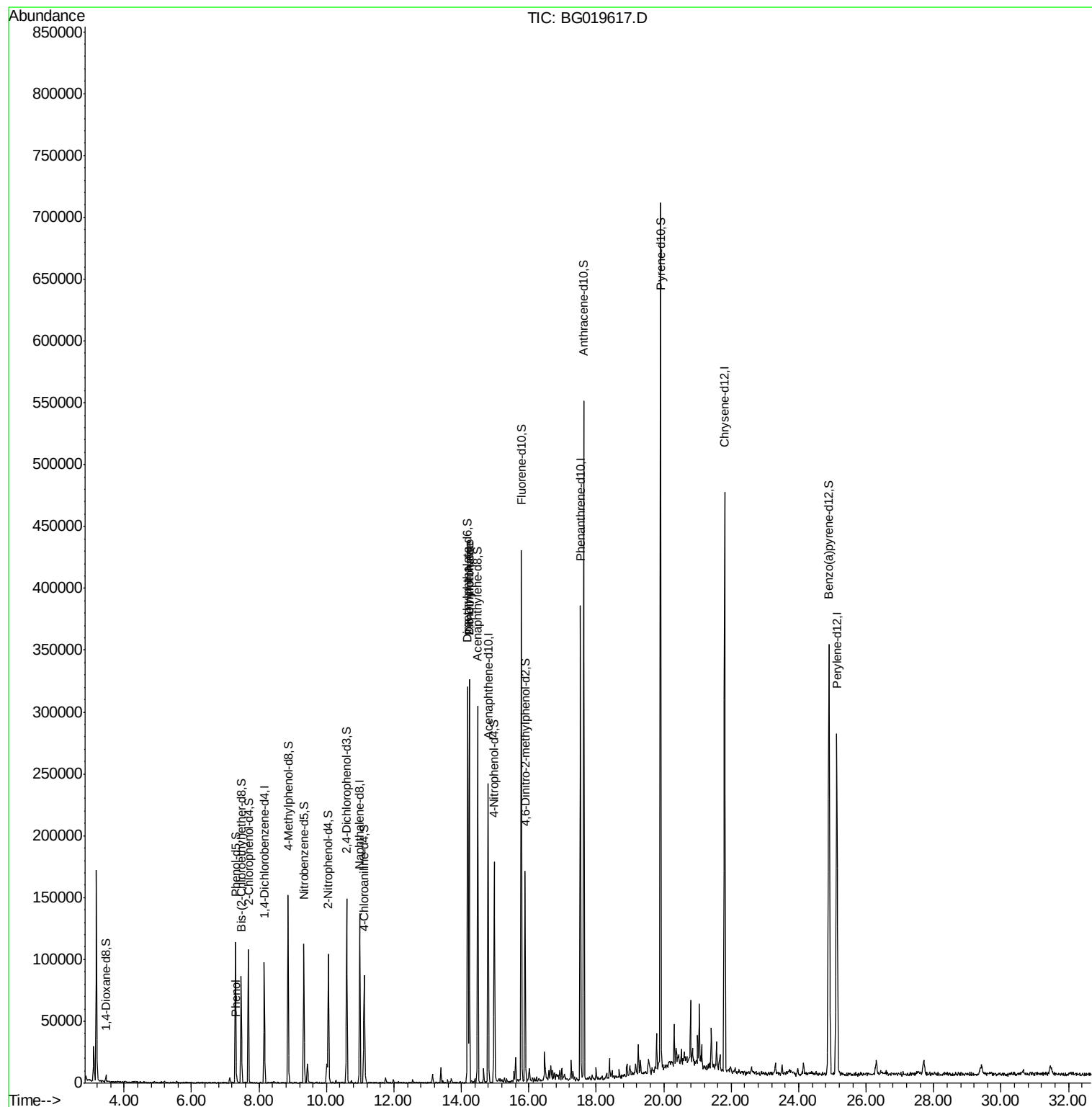
						Ovalue
6) Phenol	7.33	94	3170	1.25	ng/ul	93
45) Dimethylphthalate	14.23	163	196050	28.77	ng/ul	98
46) 2,6-Dinitrotoluene	14.23	165	2479	1.80	ng/ul#	31

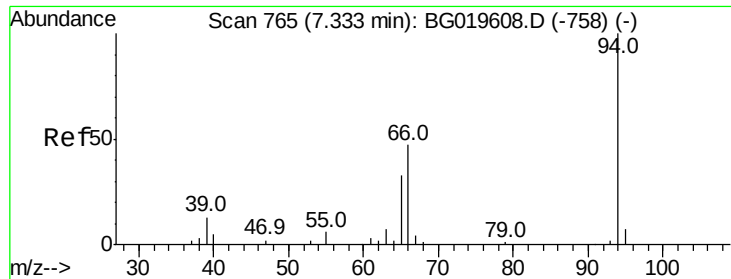
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.25 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG019617.D

Acq: 15 Nov 2015 16:29

Instrument :

BNA_G

ClientSampleId :

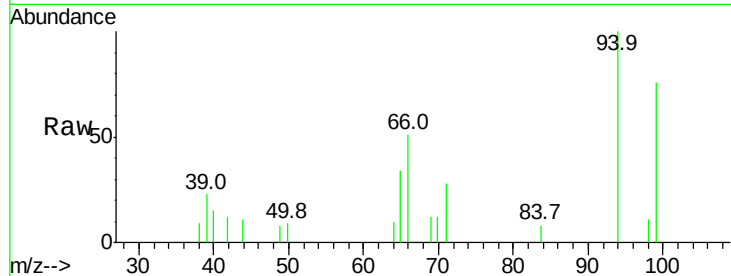
Tot Ion: 94 Resp: 3170

Ion Ratio Lower Upper

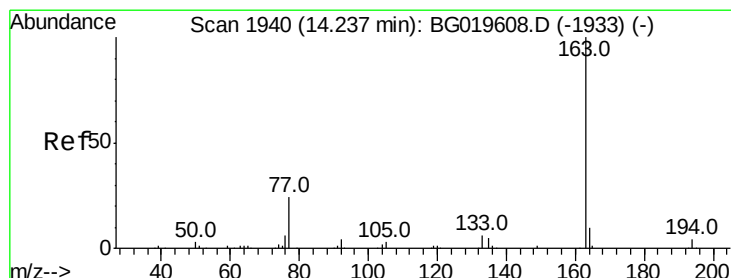
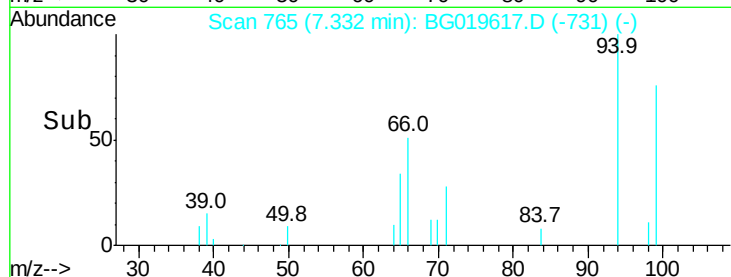
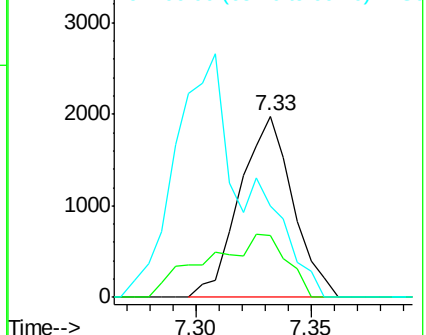
94 100

65 33.8 29.3 43.9

66 50.7 45.0 67.6



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: 28.77 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG019617.D

Acq: 15 Nov 2015 16:29

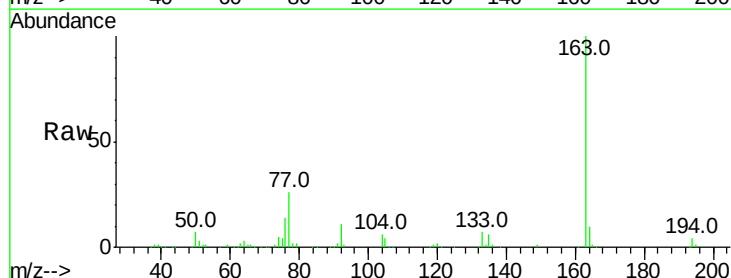
Tgt Ion:163 Resp: 196050

Ion Ratio Lower Upper

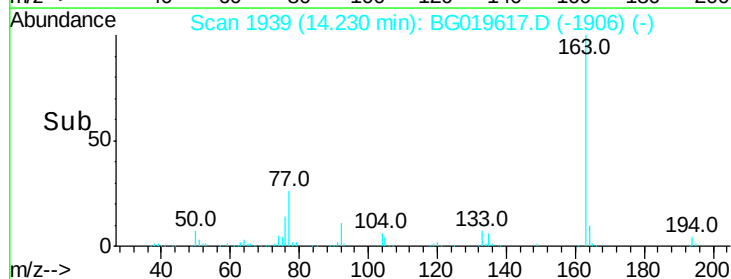
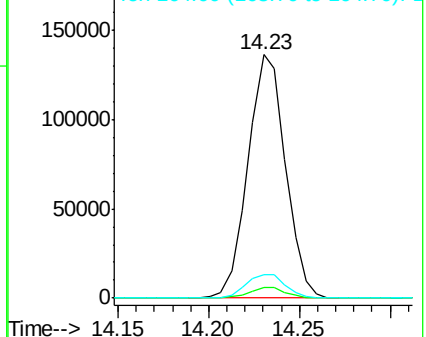
163 100

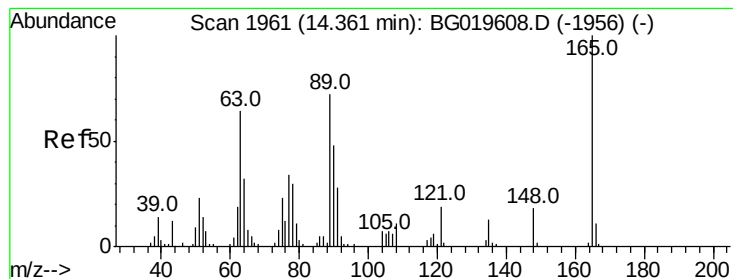
194 4.5 4.3 6.5

164 9.8 7.5 11.3



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: 1.80 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.13 min

Lab File: BG019617.D

Acq: 15 Nov 2015 16:29

Instrument :

BNA_G

ClientSampleId :

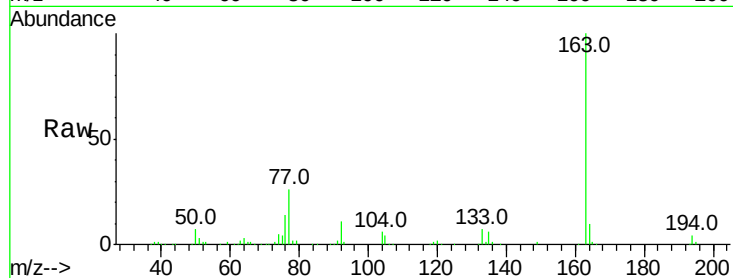
Tot Ion:165 Resp: 2479

Ion Ratio Lower Upper

165 100

89 16.3 66.7 100.1#

121 44.3 17.0 25.4#



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

