

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023821.D
 Acq On : 20 Aug 2016 17:49
 Operator : UM/SJ
 Sample : H4533-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF02-01

Quant Time: Aug 22 04:56:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 04:56:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	116719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	484931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	302150	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	1018146	20.00	ng/ul	0.10
75) Chrysene-d12	21.84	240	740187	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	705378	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	13283	5.17	ng/uL	0.00
5) Phenol-d5	7.25	99	357737	32.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	235240	31.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	247146	31.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	266149	31.10	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	121656	31.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	143186	32.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	252094	31.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	317720	32.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	805346	32.15	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	922865	32.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	118486	29.27	ng/ul	0.00
57) Fluorene-d10	15.76	176	700409	32.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	425	0.07	ng/ul	0.10
70) Anthracene-d10	17.63	188	1018146	21.69	ng/ul	0.00
76) Pyrene-d10	19.92	212	1178705	33.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1078615	33.40	ng/ul	0.00

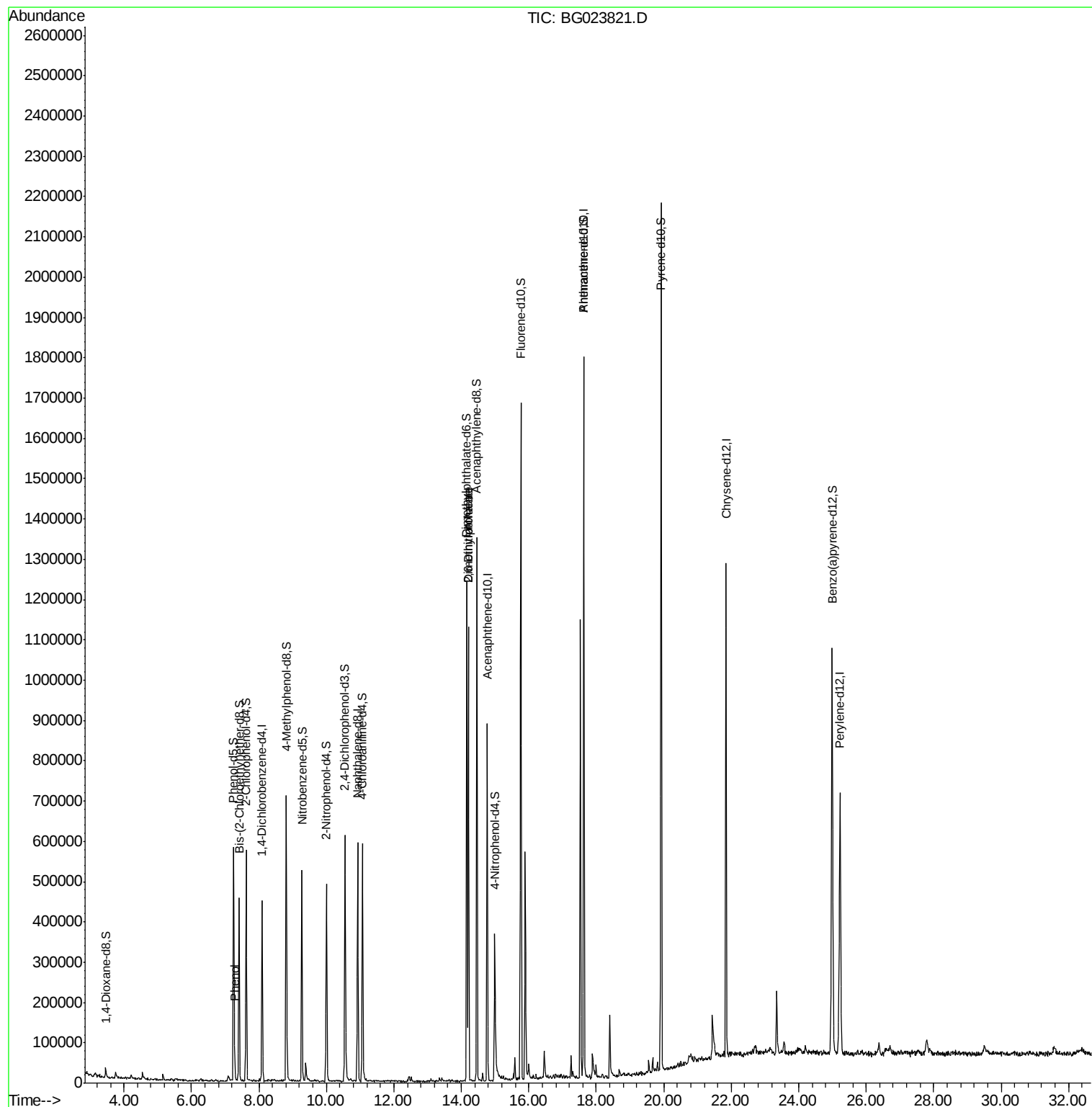
Target Compounds						Qvalue
6) Phenol	7.28	94	14432	1.29	ng/ul#	79
44) Dimethylphthalate	14.21	163	686774	27.42	ng/ul	99
45) 2,6-Dinitrotoluene	14.21	165	8016	1.50	ng/ul#	57

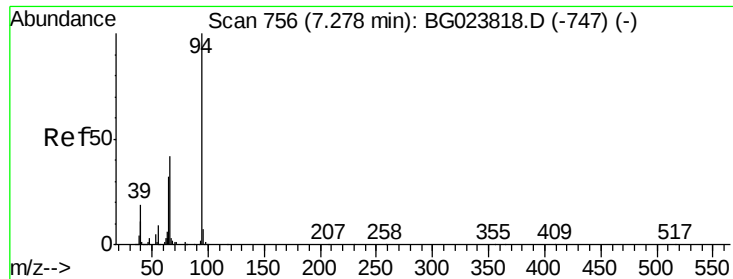
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.29 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

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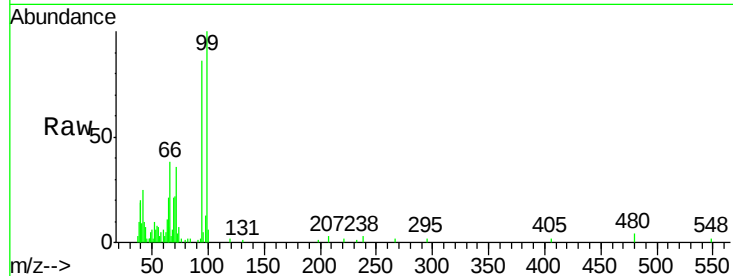
Tgt Ion: 94 Resp: 14432

Ion Ratio Lower Upper

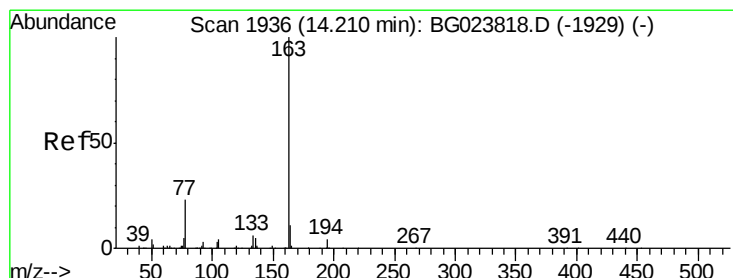
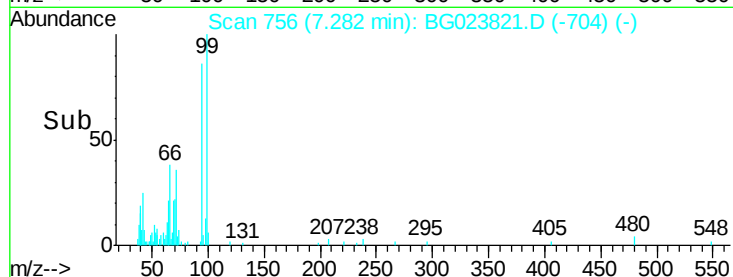
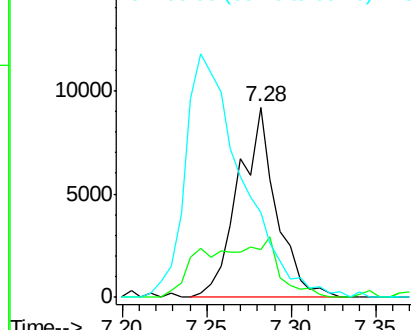
94 100

65 24.9 16.8 25.2

66 44.4 22.6 33.8#



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



#44

Dimethylphthalate

Concen: 27.42 ng/ul

RT: 14.21 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG023821.D

Acq: 20 Aug 2016 17:49

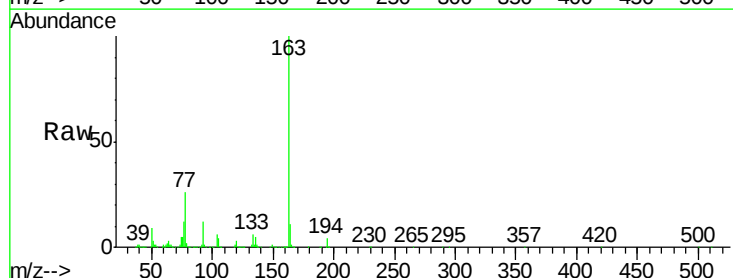
Tgt Ion:163 Resp: 686774

Ion Ratio Lower Upper

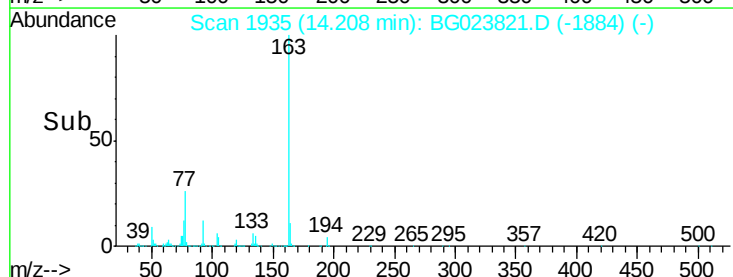
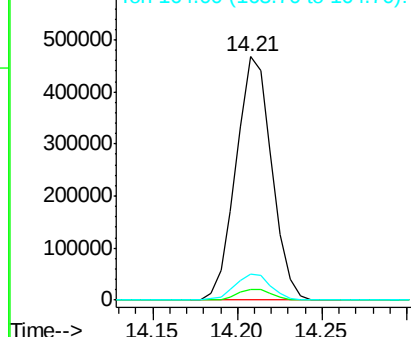
163 100

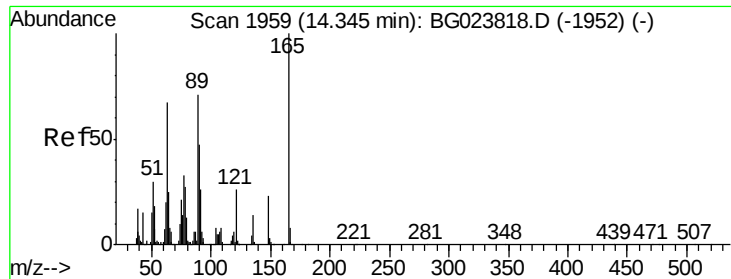
194 4.2 3.4 5.2

164 10.6 8.8 13.2



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





#45

2,6-Dinitrotoluene

Concen: 1.50 ng/ul

RT: 14.21 min Scan# 1935

Delta R.T. -0.14 min

Lab File: BG023821.D

Acq: 20 Aug 2016 17:49

Instrument :

BNA_G

ClientSampleId :

BF02-01

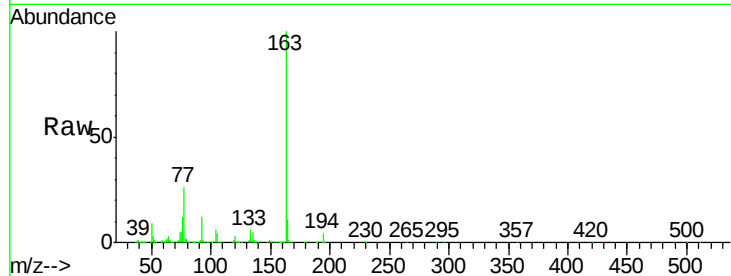
Tgt Ion:165 Resp: 8016

Ion Ratio Lower Upper

165 100

89 21.2 41.5 62.3#

121 41.4 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

