

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023824.D
 Acq On : 20 Aug 2016 19:42
 Operator : UM/SJ
 Sample : H4533-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF01-01

Quant Time: Aug 22 04:56:32 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	8.10	152	122400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	511131	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	319884	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	718890	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	757552	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	748368	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	14925	5.54	ng/uL	0.00
5) Phenol-d5	7.25	99	354290	30.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	248202	31.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	252958	31.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	278614	31.05	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	133777	32.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	155756	33.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	262819	30.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	324793	31.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	879377	33.16	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	987354	32.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	121772	28.41	ng/ul	0.00
57) Fluorene-d10	15.77	176	764437	33.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	136776	30.01	ng/ul	0.00
70) Anthracene-d10	17.63	188	1127470	34.02	ng/ul	0.00
76) Pyrene-d10	19.92	212	1266571	34.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1192425	34.80	ng/ul	0.00

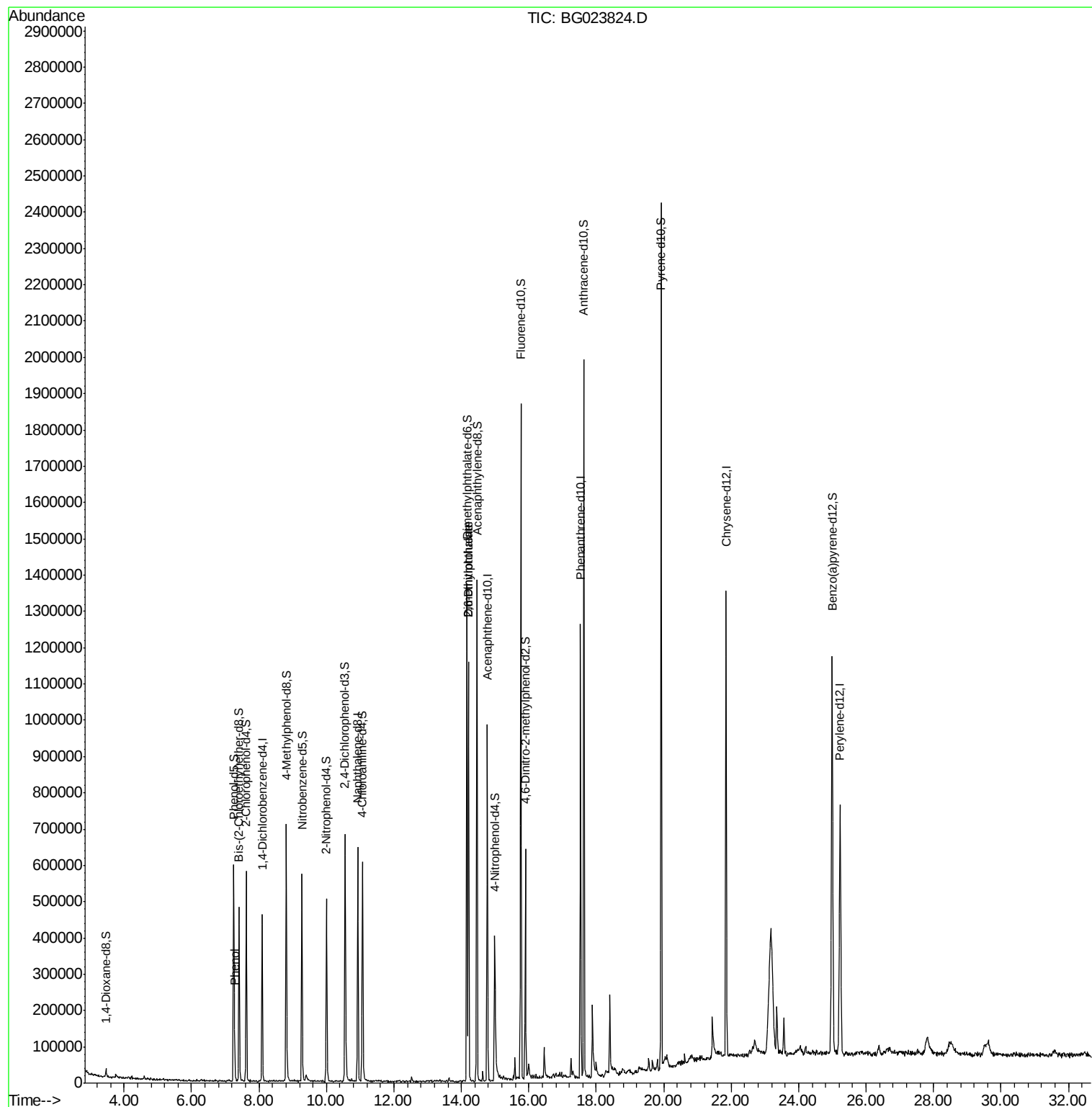
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.28	94	18797	1.60	ng/ul#	54
44) Dimethylphthalate	14.21	163	676761	25.52	ng/ul	99
45) 2,6-Dinitrotoluene	14.20	165	7810	1.38	ng/ul#	60

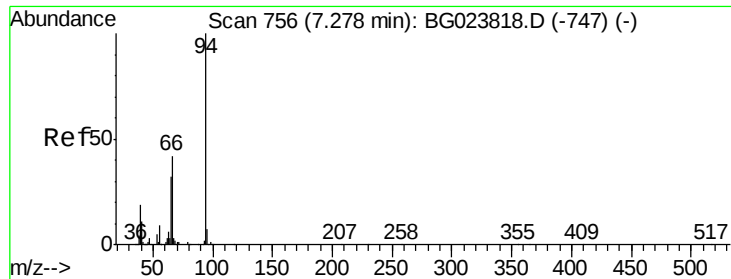
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.60 ng/ul

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

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ClientSampleId :

BF01-01

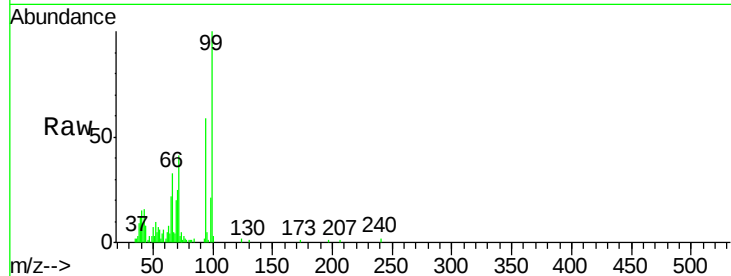
Tgt Ion: 94 Resp: 18797

Ion Ratio Lower Upper

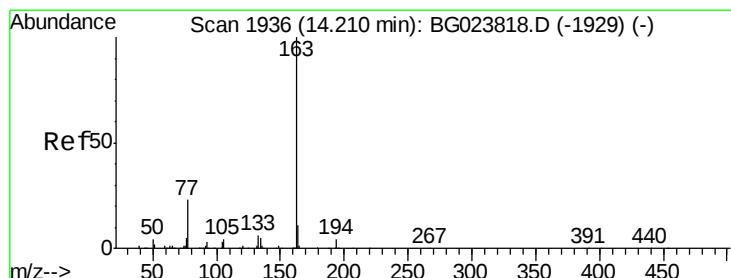
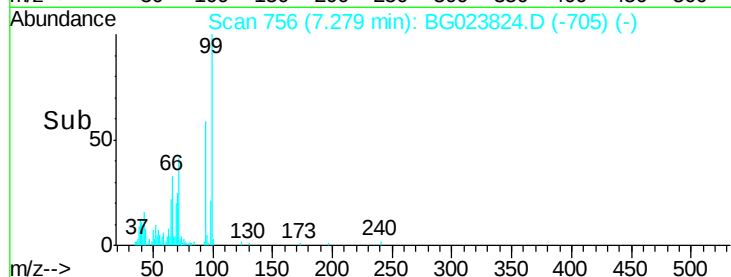
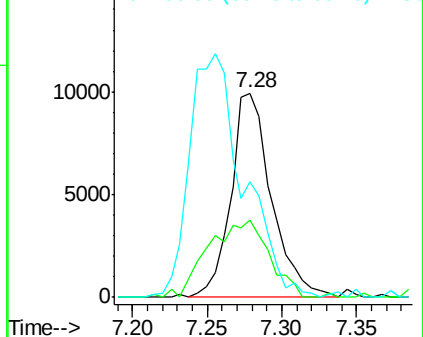
94 100

65 37.7 16.8 25.2#

66 56.7 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: 25.52 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. 0.00 min

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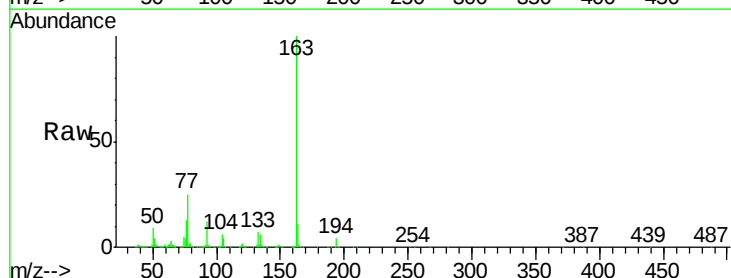
Tgt Ion: 163 Resp: 676761

Ion Ratio Lower Upper

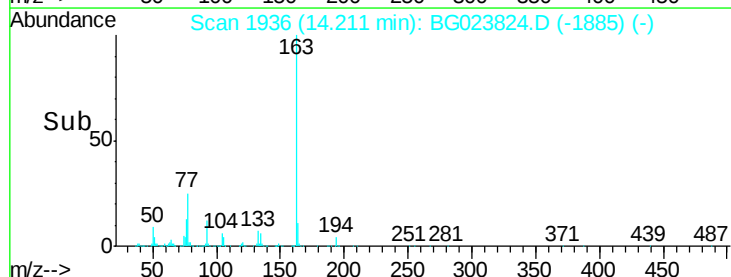
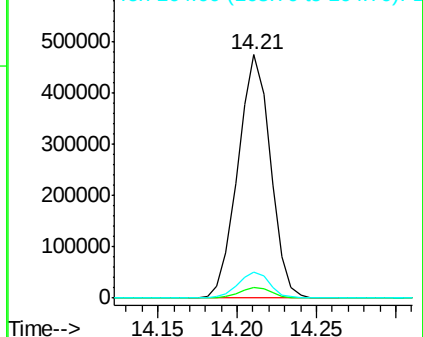
163 100

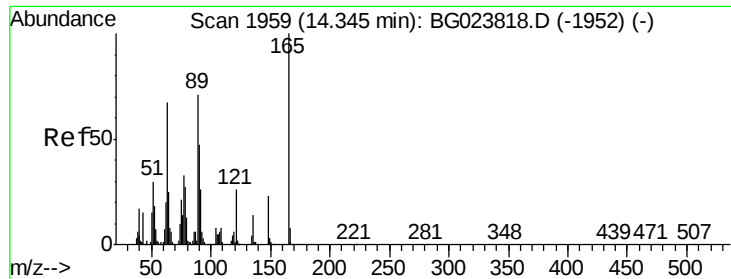
194 4.1 3.4 5.2

164 10.7 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: 1.38 ng/ul

RT: 14.20 min Scan# 1935

Delta R.T. -0.14 min

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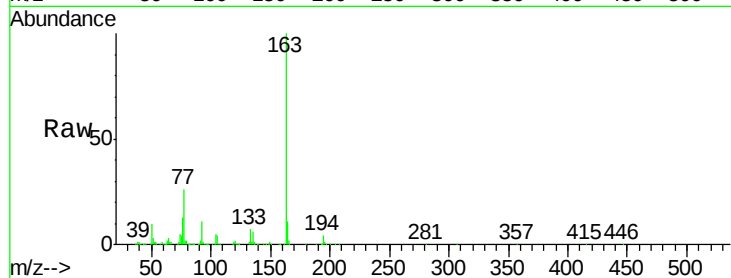
Tgt Ion:165 Resp: 7810

Ion Ratio Lower Upper

165 100

89 13.0 41.5 62.3#

121 20.7 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

