

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG022000.D
 Acq On : 22 May 2016 6:40
 Operator : UM/SJ
 Sample : H3124-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGG8MSD

Quant Time: May 22 07:26:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 22 07:24:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	231299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	125676	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	249079	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	222415	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	208532	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5463	6.22	ng/uL	0.00
5) Phenol-d5	7.31	99	121062	29.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	67082	30.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	104620	30.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	105107	29.99	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	54644	32.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	57858	31.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	97003	29.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	134729	37.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	315908	33.47	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	425791	32.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	492	0.30	ng/ul	0.18
58) Fluorene-d10	15.77	176	280846	31.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	35710	27.43	ng/ul	0.00
71) Anthracene-d10	17.63	188	385371	32.14	ng/ul	0.00
77) Pyrene-d10	19.91	212	420774	33.55	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	339860	35.12	ng/ul	0.00

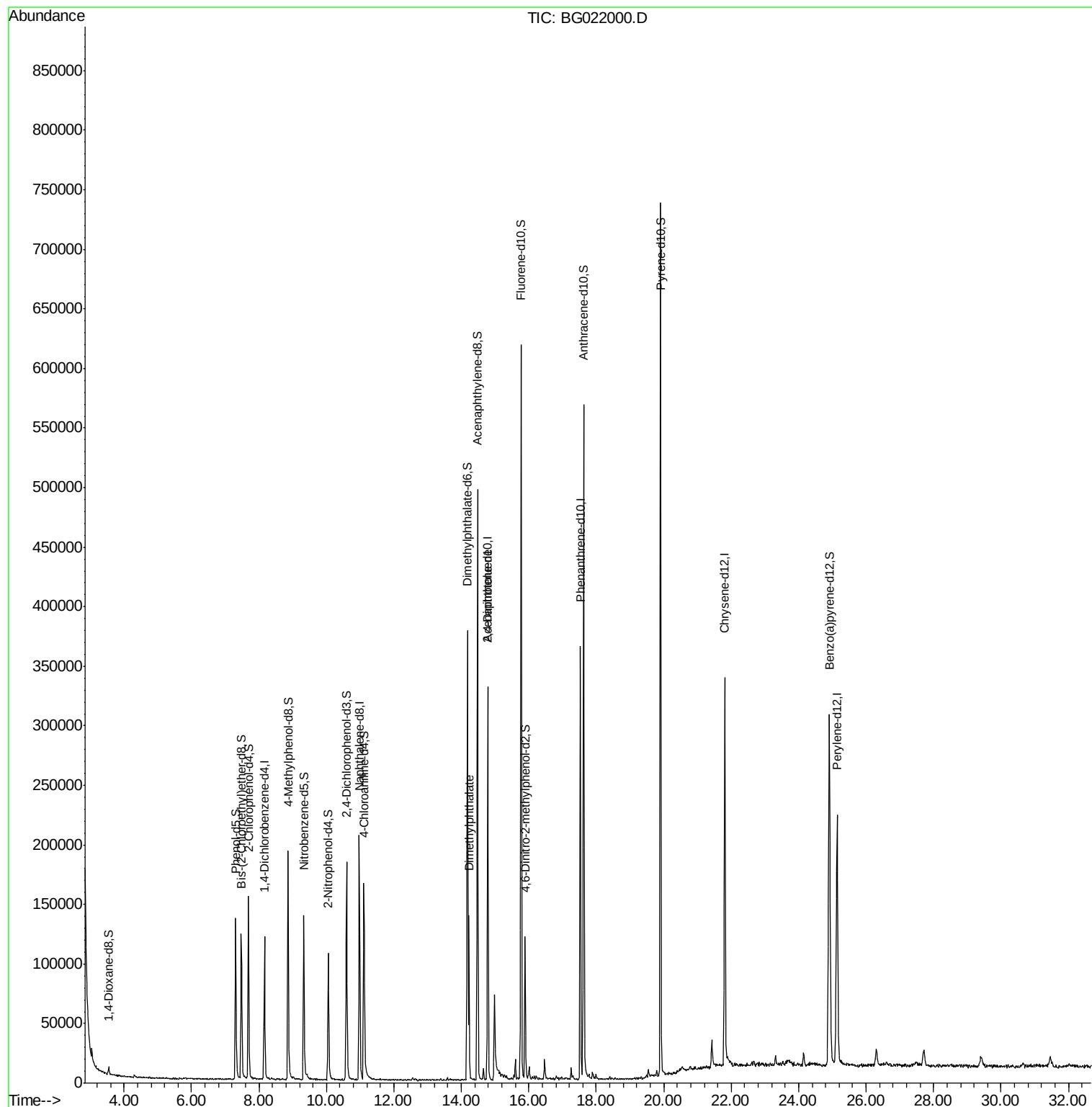
Target Compounds					Qvalue
45) Dimethylphthalate	14.23	163	107243	11.31 ng/ul	98
55) 2,4-Dinitrotoluene	14.78	165	16179	5.90 ng/ul#	46

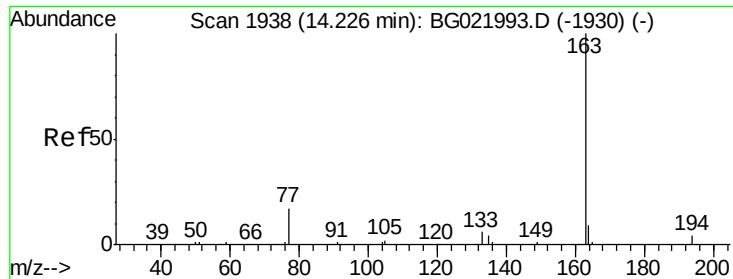
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 11.31 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG022000.D

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Instrument :

BNA_G

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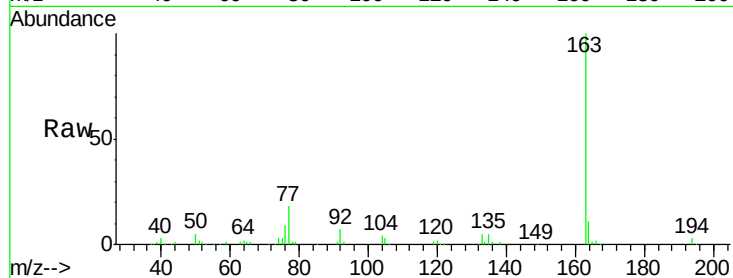
Tgt Ion:163 Resp: 107243

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.2

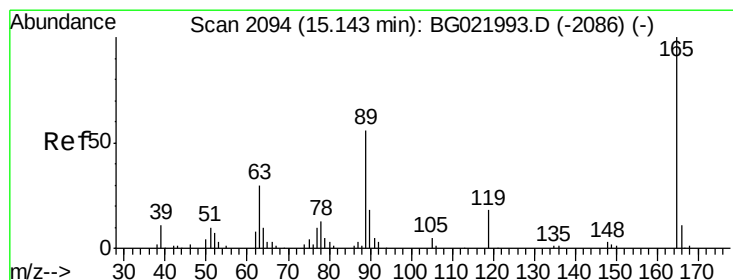
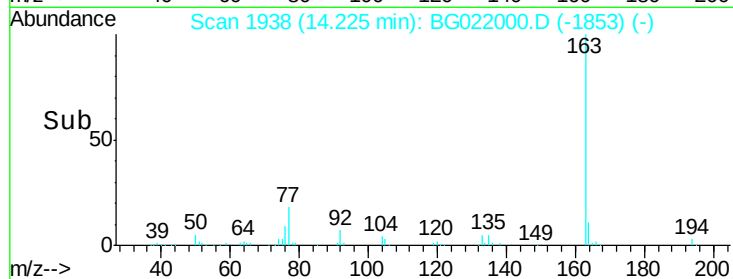
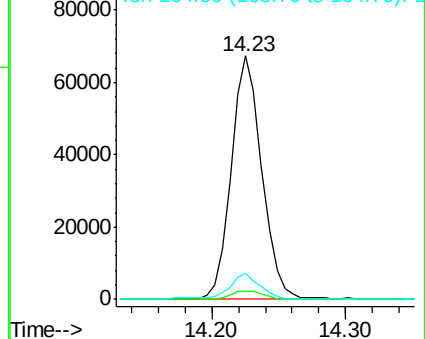
164 10.5 8.8 13.2



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



#55

2,4-Dinitrotoluene

Concen: 5.90 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. -0.36 min

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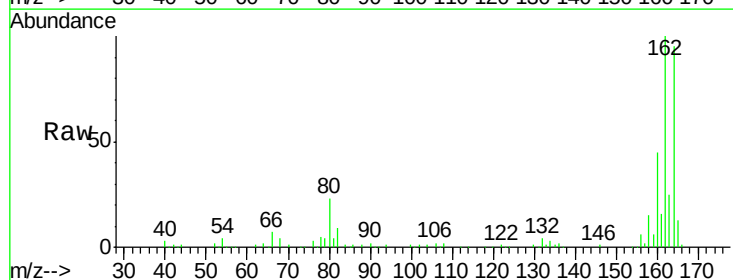
Tgt Ion:165 Resp: 16179

Ion Ratio Lower Upper

165 100

63 0.0 25.7 38.5#

182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

