

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003040.D
 Acq On : 01 Nov 2015 22:37
 Operator : UM/IZ
 Sample : G4210-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC765

Quant Time: Nov 02 02:52:33 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 02 02:48:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	153449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	665177	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	351590	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	696736	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	679365	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	658729	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.23	96	17458	5.36	ng/uL	0.00
5) Phenol-d5	6.92	99	361645	29.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	210740	29.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	312050	30.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	303116	30.99	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	144699	35.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	150110	36.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	288667	31.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	522471	43.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	875672	33.11	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	1087983	32.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	118511	26.58	ng/ul	0.00
58) Fluorene-d10	15.40	176	746552	32.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	79177	24.54	ng/ul	0.00
71) Anthracene-d10	17.25	188	1052928	34.09	ng/ul	0.00
79) Pyrene-d10	19.55	212	1063821	31.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1101269	35.18	ng/ul	0.00

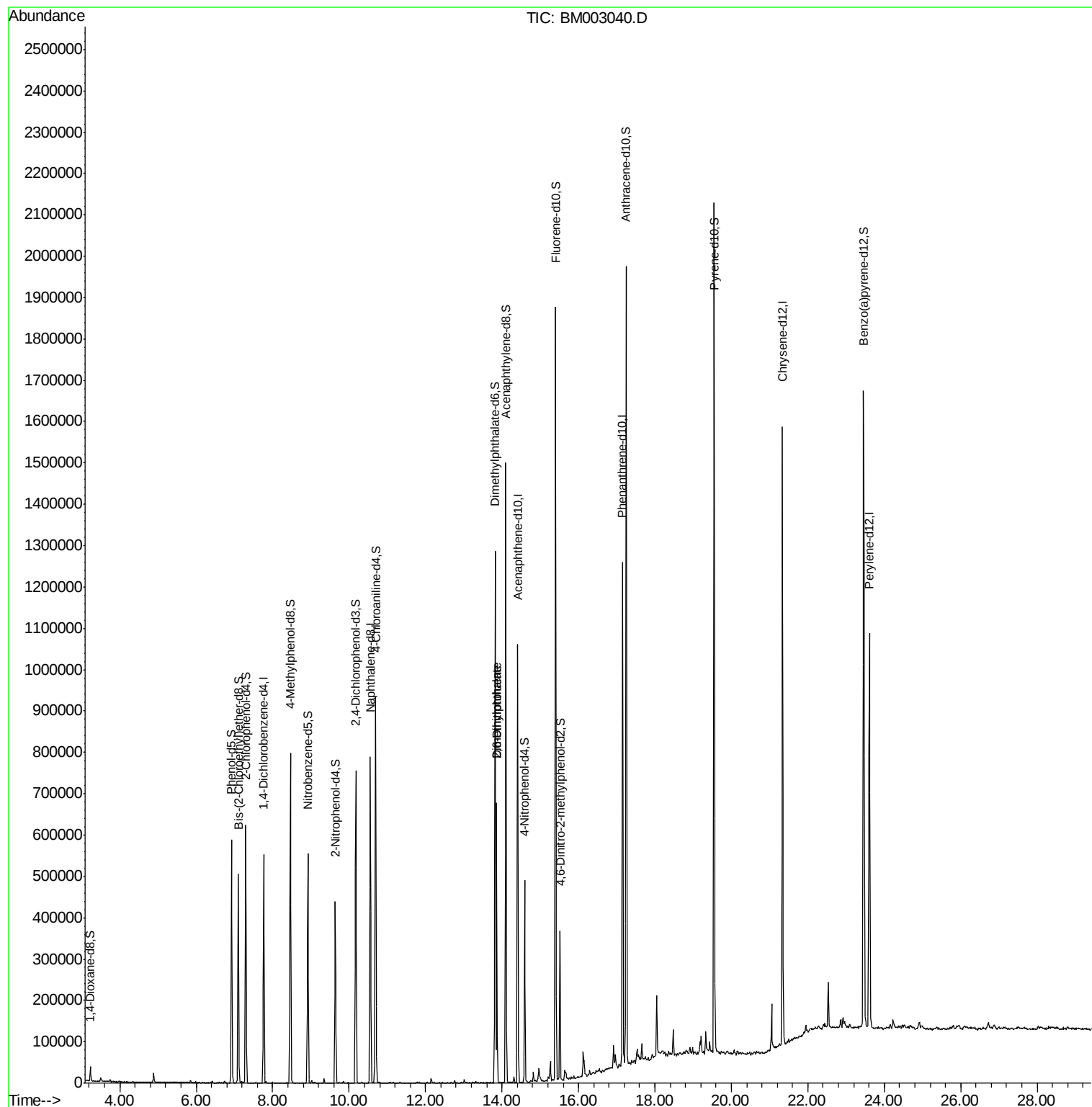
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.86	163	427813	15.87	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	4632	1.05	ng/ul#	62

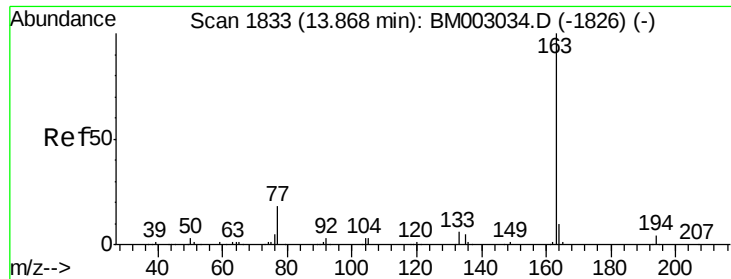
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 15.87 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

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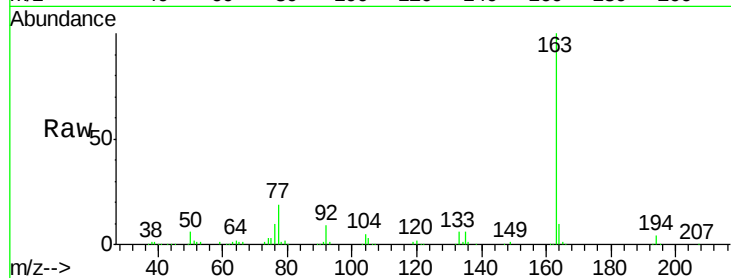
Tgt Ion:163 Resp: 427813

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

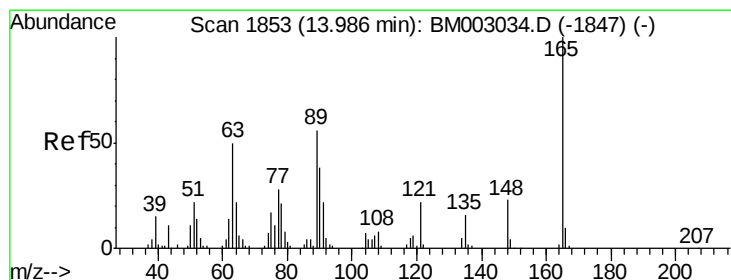
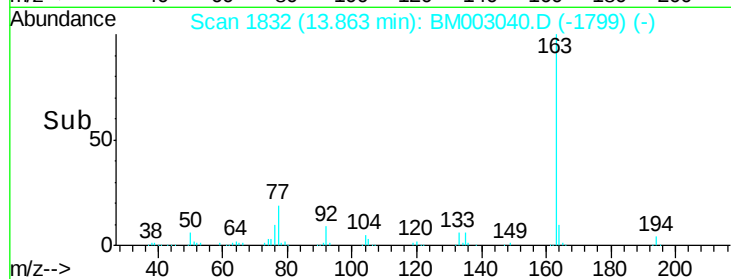
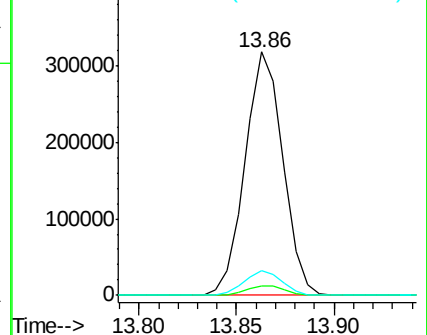
164 10.3 7.8 11.8



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: 1.05 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.12 min

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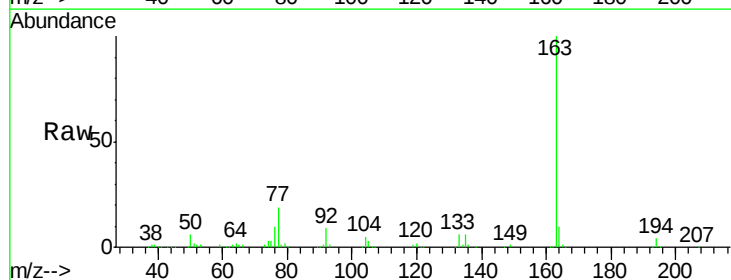
Tgt Ion:165 Resp: 4632

Ion Ratio Lower Upper

165 100

89 13.5 34.6 51.8#

121 28.5 15.4 23.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

