

Data File : BG042001.D
Acq On : 6 Aug 2019 17:10
Operator : HP/JU
Sample : K4028-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENZ9

Quant Time: Aug 07 01:37:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:34:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	58416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	246909	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	194492	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	482815	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	503714	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	586588	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	4388	3.29	ng/uL	0.00
5) Phenol-d5	7.18	99	91569	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	48972	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	82974	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	80474	20.91	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	42438	22.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	49601	22.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	92722	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	115568	23.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	367310	24.35	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	398683	23.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	37163	14.67	ng/ul	0.00
57) Fluorene-d10	15.68	176	320777	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	44537	14.38	ng/ul	0.00
70) Anthracene-d10	17.54	188	549183	23.71	ng/ul	0.00
78) Pyrene-d10	19.82	212	677666	24.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	741991	24.21	ng/ul	0.00

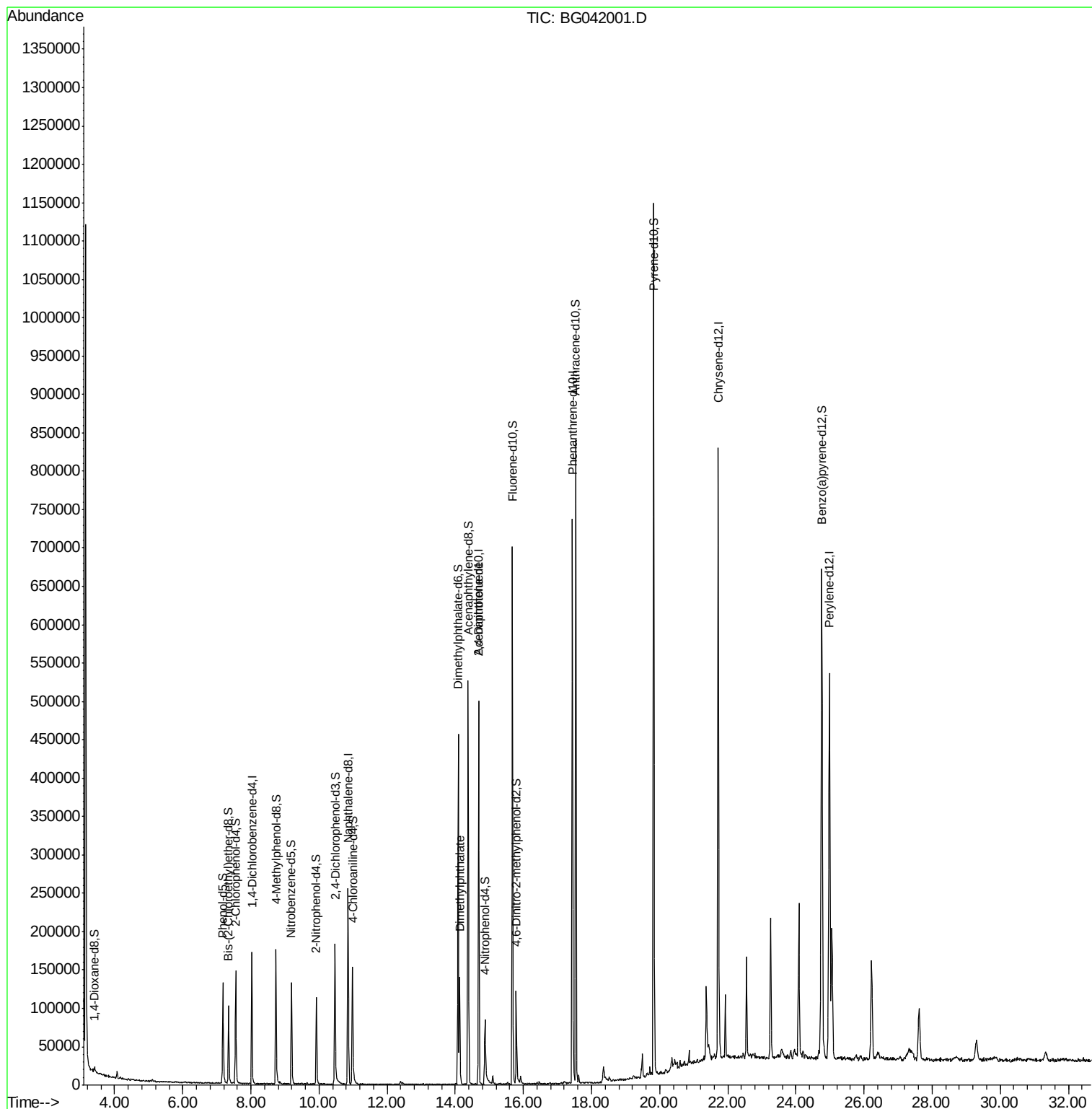
Target Compounds				Qvalue		
44) Dimethylphthalate	14.13	163	106286	7.097	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	25924	5.473	ng/ul#	44

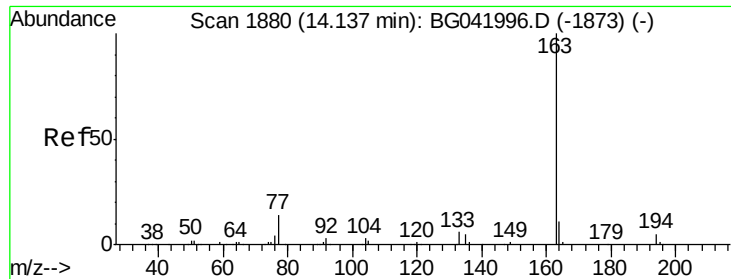
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 7.097 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

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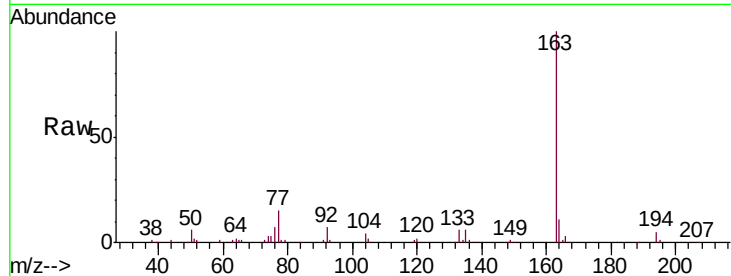
Tgt Ion:163 Resp: 106286

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

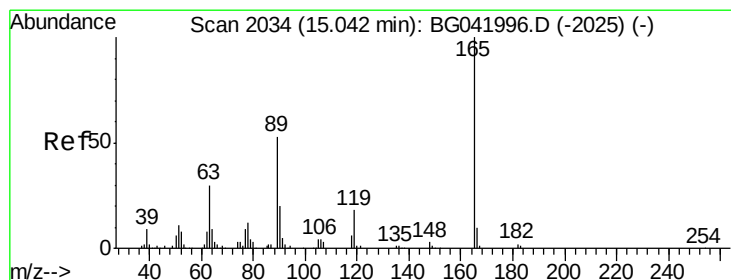
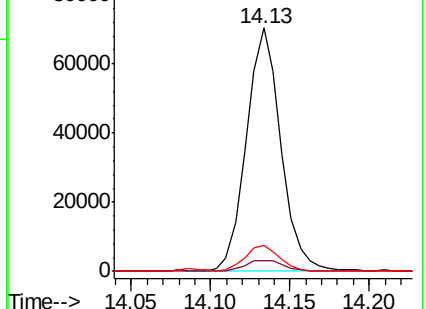
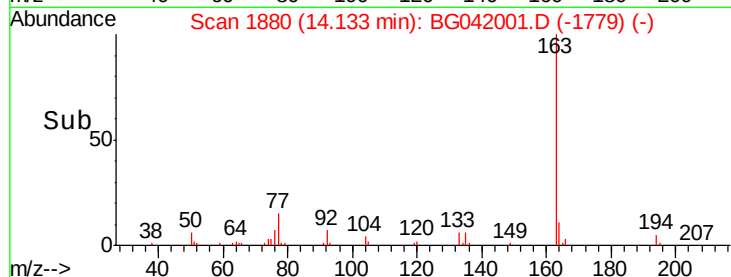
164 10.9 7.8 11.8



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



#54

2,4-Dinitrotoluene

Concen: 5.473 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.36 min

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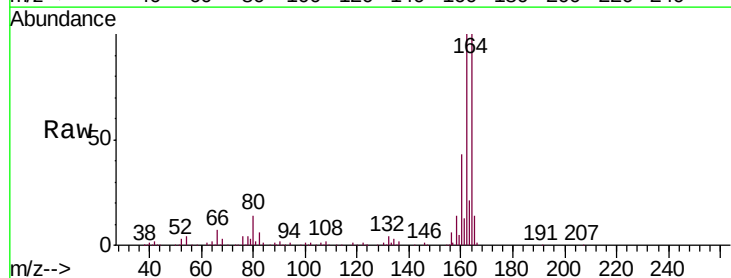
Tgt Ion:165 Resp: 25924

Ion Ratio Lower Upper

165 100

63 1.2 29.4 44.2#

182 0.0 2.6 4.0#



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

