

Data File : BG041999.D
Acq On : 6 Aug 2019 15:53
Operator : HP/JU
Sample : K3976-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0CA5

Quant Time: Aug 07 01:37:25 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	65325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	272960	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	208040	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	486573	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	504170	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	579891	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	9617	6.44	ng/uL	0.00
5) Phenol-d5	7.18	99	31299	6.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	71826	25.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	103084	23.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	62025	14.41	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	63730	31.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	79104	33.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	135931	28.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	9715	1.82	ng/ul	0.01
43) Dimethylphthalate-d6	14.09	166	507370	31.45	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	574856	31.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	1405	0.52	ng/ul	0.11
57) Fluorene-d10	15.68	176	441597	30.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	80696	25.85	ng/ul	0.00
70) Anthracene-d10	17.54	188	727673	31.17	ng/ul	0.00
78) Pyrene-d10	19.83	212	868632	30.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	945904	31.22	ng/ul	0.00

Target Compounds				Qvalue		
44) Dimethylphthalate	14.13	163	20394	1.273	ng/ul#	96
54) 2,4-Dinitrotoluene	14.69	165	27219	5.372	ng/ul#	44

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

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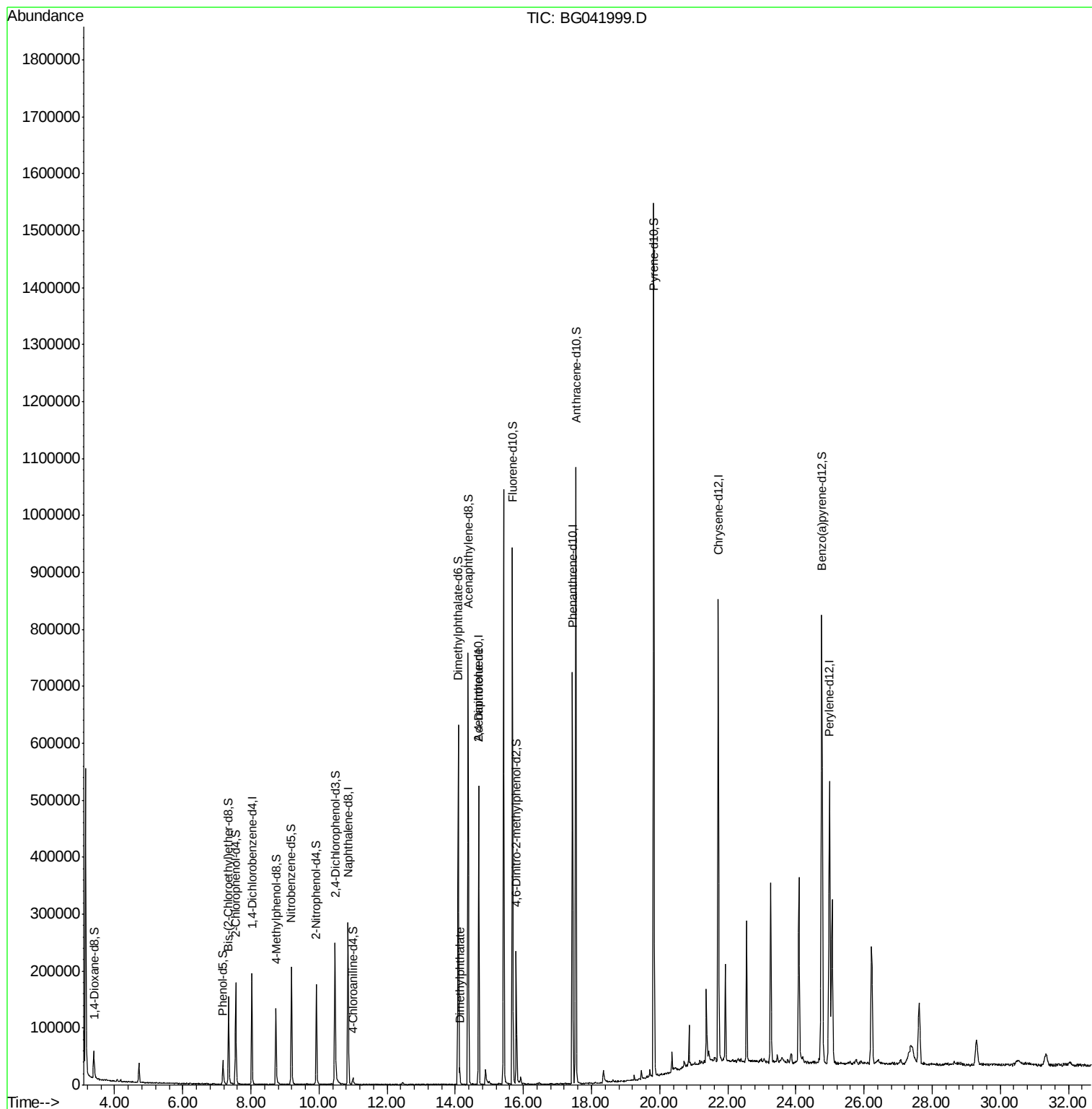
Quant Time: Aug 07 01:37:25 2019

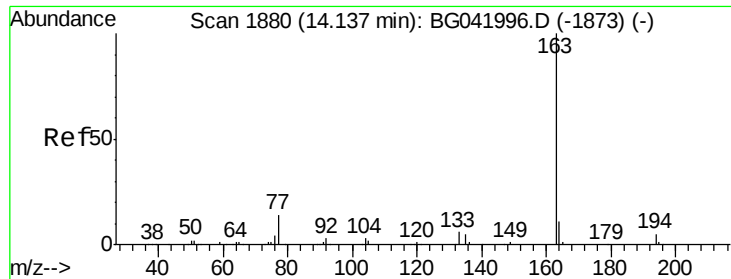
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M

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#44

Dimethylphthalate

Concen: 1.273 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

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ClientSampleId :

C0CA5

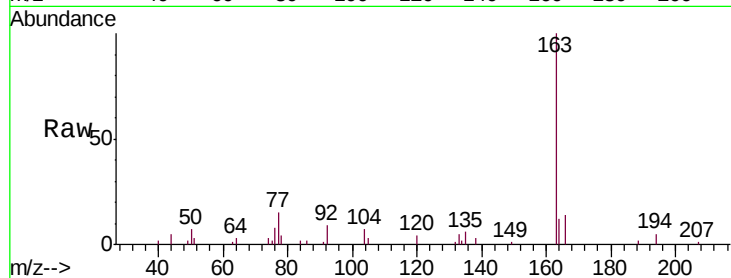
Tgt Ion:163 Resp: 20394

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

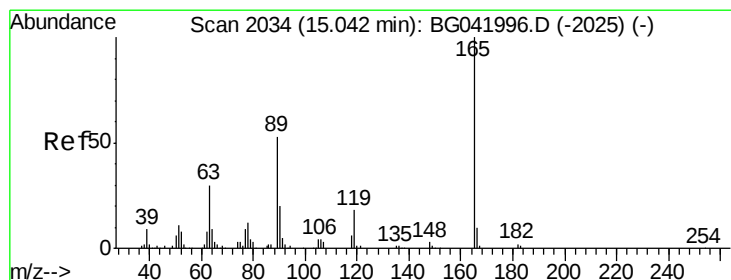
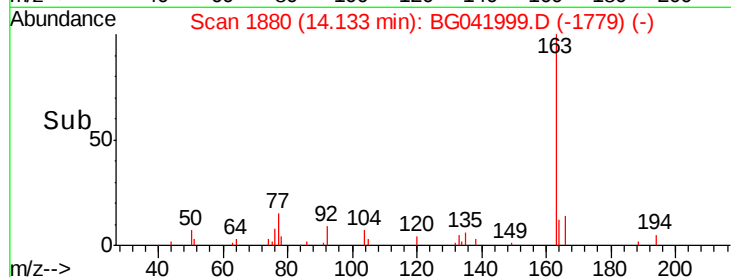
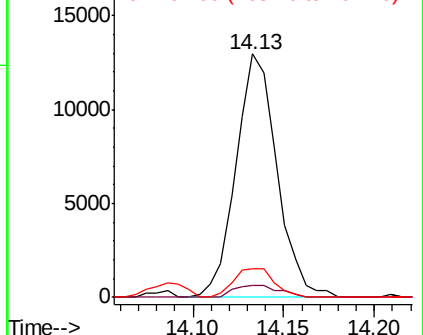
164 11.8 7.8 11.8#



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: 5.372 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.36 min

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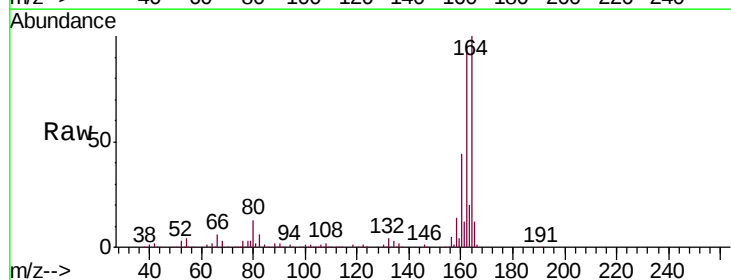
Tgt Ion:165 Resp: 27219

Ion Ratio Lower Upper

165 100

63 1.1 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

