

Data File : BG042005.D
Acq On : 6 Aug 2019 19:44
Operator : HP/JU
Sample : K4139-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC2-BLANK

Quant Time: Aug 07 01:38:07 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	51142	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	210340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	170450	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	418237	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	444336	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	510075	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.87	131	110	0.03	ng/ul	-0.12
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	14.69	160	73436	4.86	ng/ul	0.31
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.71	176	281	0.02	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.43	188	418237	20.84	ng/ul	-0.10
78) Pyrene-d10	19.84	212	467	0.02	ng/ul	0.01
89) Benzo(a)pyrene-d12	24.76	264	609	0.02	ng/ul	-0.01

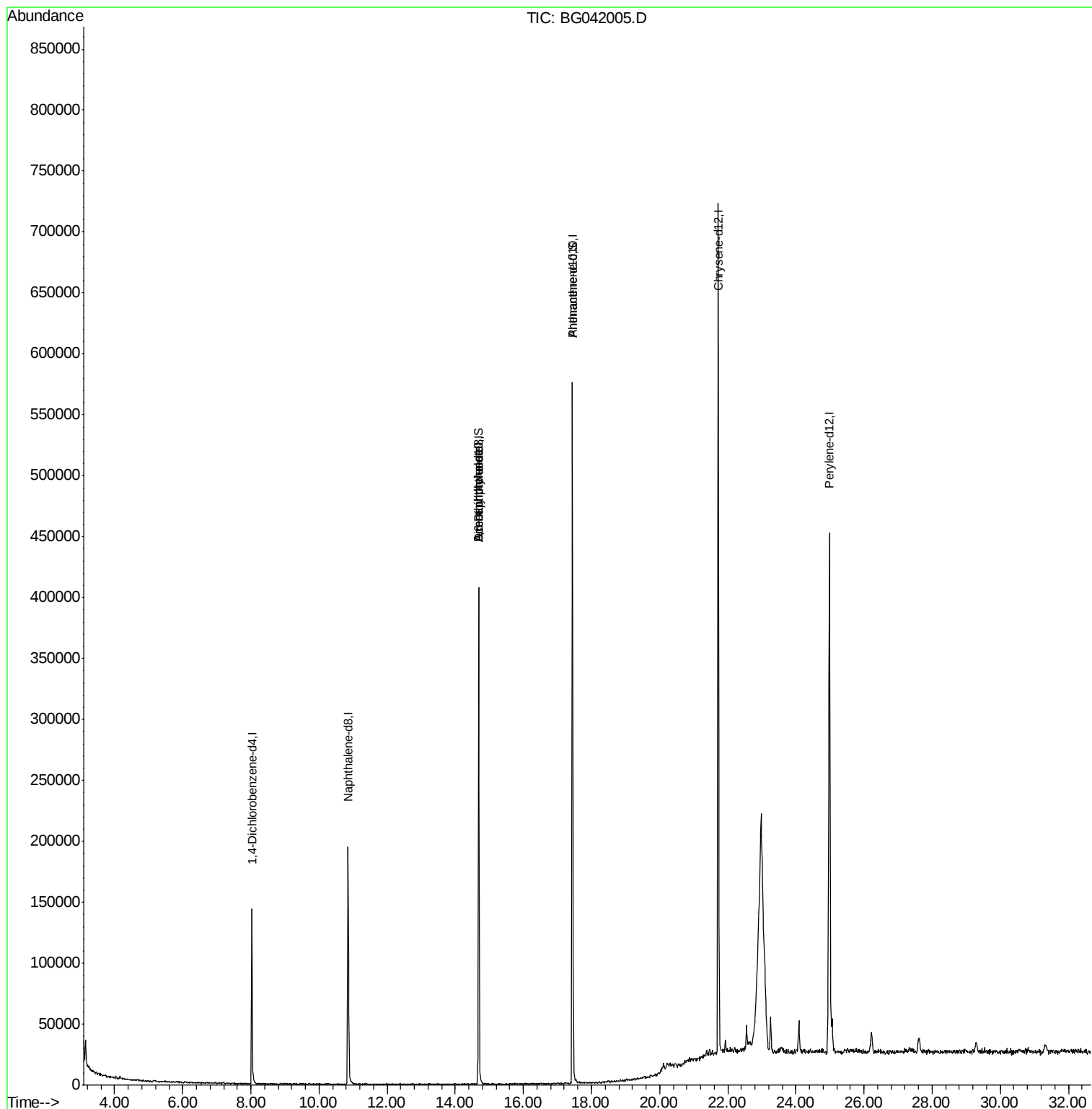
Target Compounds					Qvalue	
44) Dimethylphthalate	14.69	163	35925	2.737	ng/ul#	1
45) 2,6-Dinitrotoluene	14.69	165	22622	7.923	ng/ul#	38

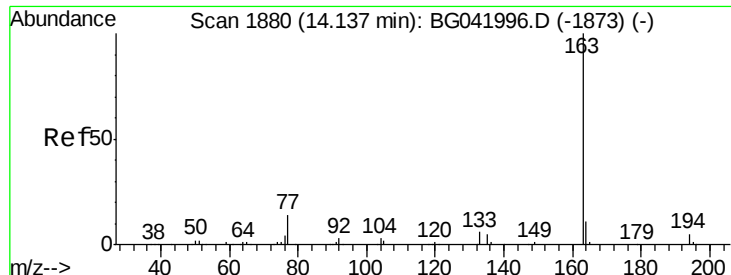
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.737 ng/ul

RT: 14.69 min Scan# 1975

Delta R.T. 0.55 min

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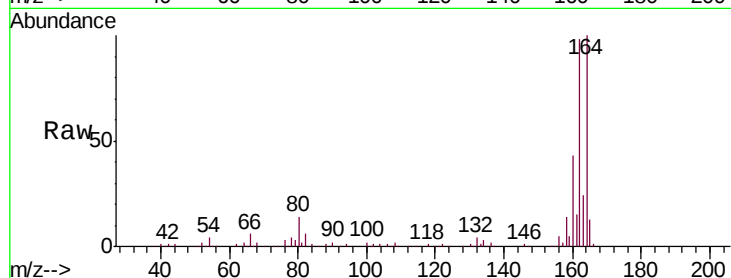
Tgt Ion:163 Resp: 35925

Ion Ratio Lower Upper

163 100

194 0.0 4.2 6.2#

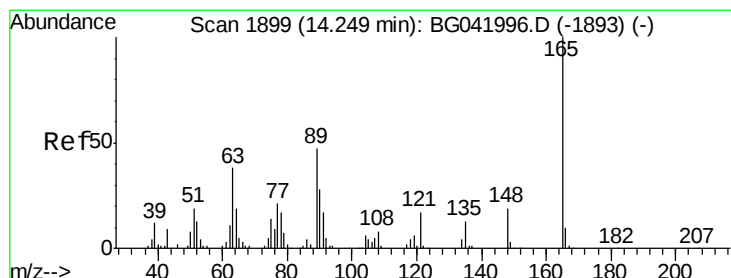
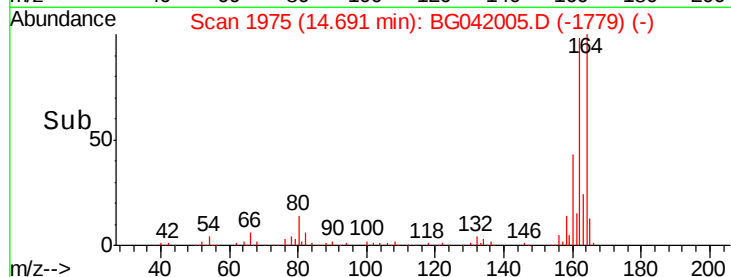
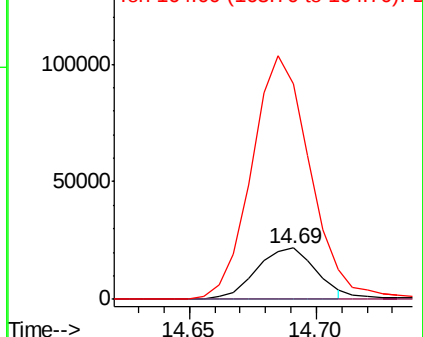
164 419.7 7.8 11.8#



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



#45

2,6-Dinitrotoluene

Concen: 7.923 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. 0.44 min

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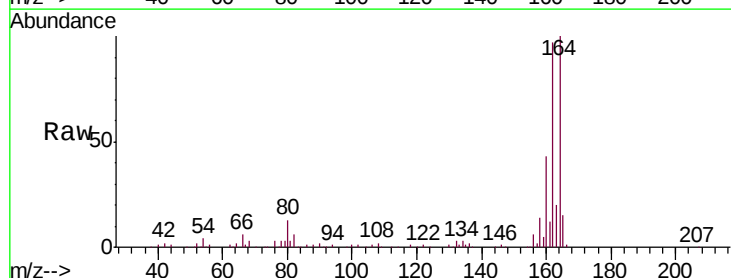
Tgt Ion:165 Resp: 22622

Ion Ratio Lower Upper

165 100

89 0.0 36.8 55.2#

121 0.0 15.6 23.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E

