

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080519\
 Data File : BG041992.D
 Acq On : 6 Aug 2019 8:11
 Operator : HP/JU
 Sample : K4022-22
 Misc : GCMS CONFIRMATION
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 06 09:23:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 06:57:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	149812	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	560426	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	396441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	839547	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	952473	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	1110440	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	10.86	131	393	0.04	ng/ul	-0.12
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	14.70	160	175090	4.99	ng/ul	0.31
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.69	176	712	0.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.45	188	839547	20.84	ng/ul	-0.10
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	25.00	264	1110440	19.14	ng/ul	0.23

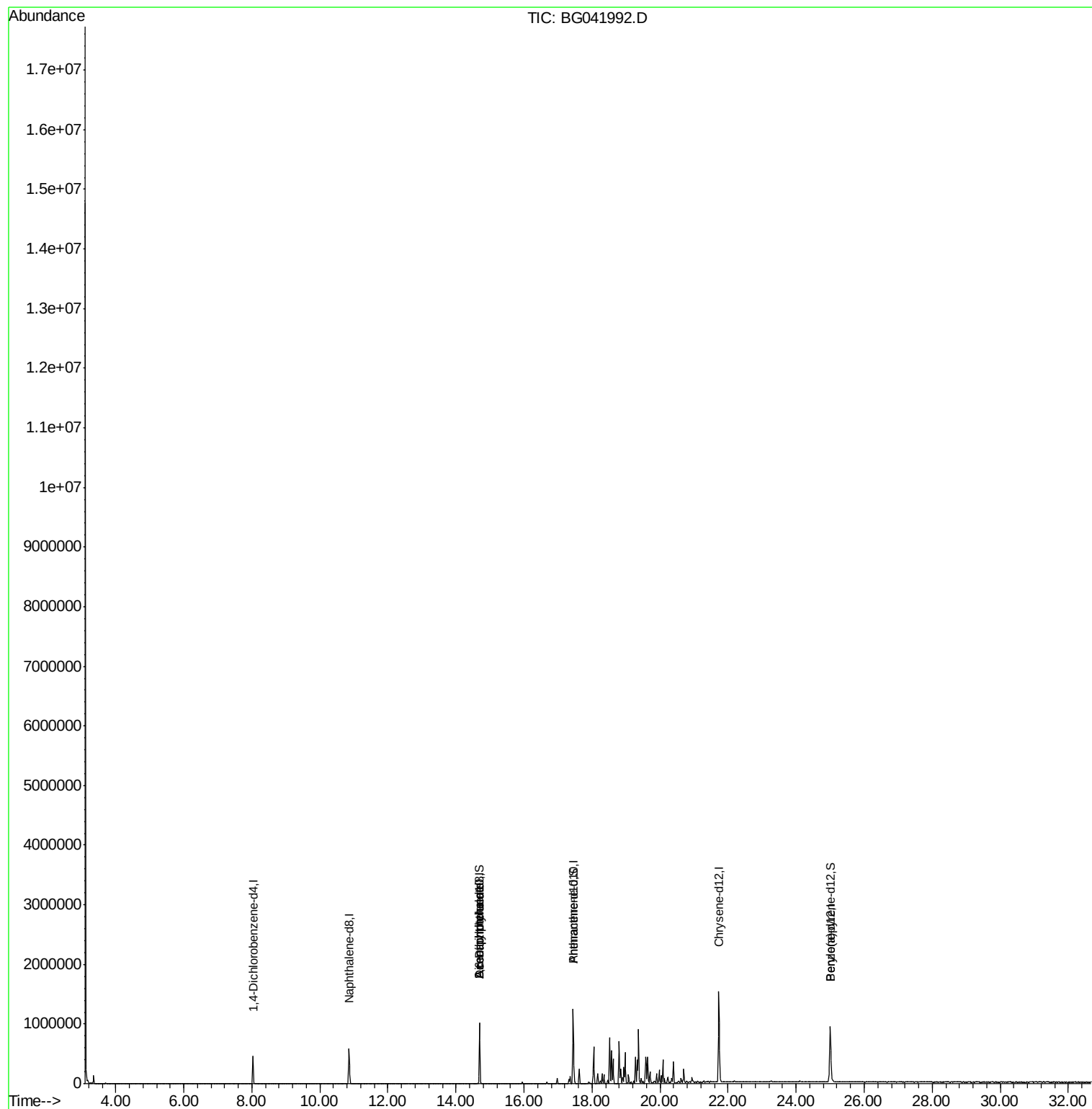
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	14.70	163	87828	2.877	ng/ul#	1
45) 2,6-Dinitrotoluene	14.70	165	51916	7.818	ng/ul#	40

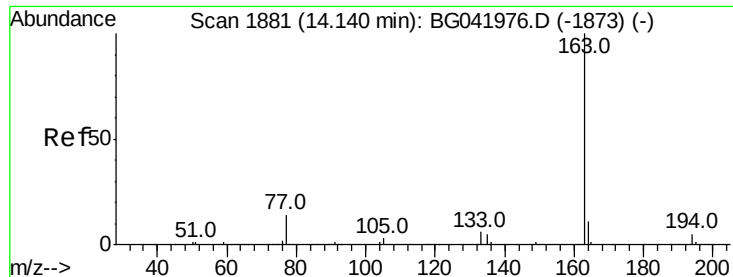
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 2.877 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.56 min

Lab File: BG041992.D

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BNA_G

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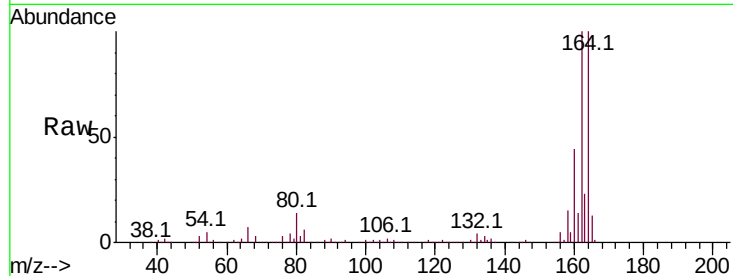
Tot Ion:163 Resp: 87828

Ion Ratio Lower Upper

163 100

194 0.0 4.2 6.2#

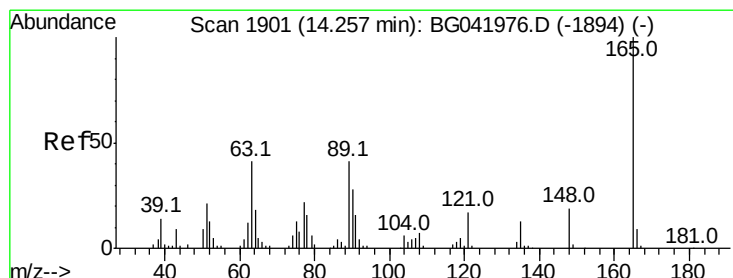
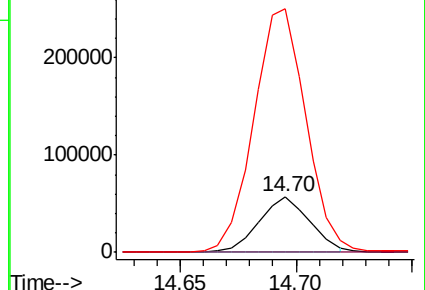
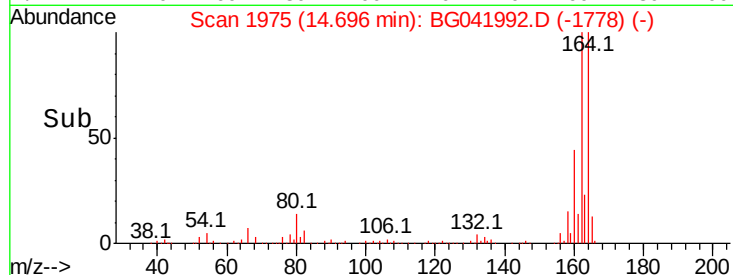
164 436.7 7.8 11.8#



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: 7.818 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.44 min

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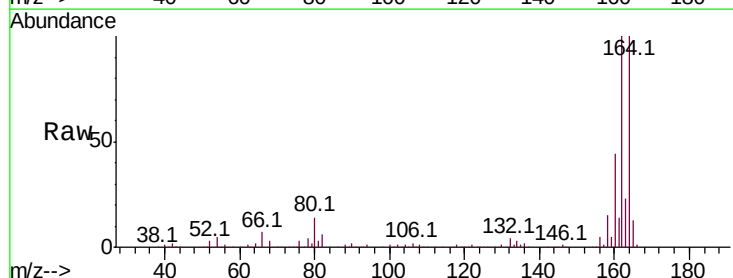
Tgt Ion:165 Resp: 51916

Ion Ratio Lower Upper

165 100

89 1.4 36.8 55.2#

121 0.8 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

