

Data File : BG042002.D
Acq On : 6 Aug 2019 17:48
Operator : HP/JU
Sample : K4028-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR1

Quant Time: Aug 07 01:37:46 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	8.02	152	62426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	261298	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	200978	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	479589	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	504074	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	579354	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4973	3.49	ng/uL	0.00
5) Phenol-d5	7.18	99	96742	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	53753	19.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	89260	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	75892	18.45	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	45200	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55761	24.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	96486	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	124176	24.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	377204	24.20	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	418931	23.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	43105	16.47	ng/ul	0.00
57) Fluorene-d10	15.68	176	335385	24.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	54283	17.64	ng/ul	0.00
70) Anthracene-d10	17.54	188	554994	24.12	ng/ul	0.00
78) Pyrene-d10	19.82	212	665209	23.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	715765	23.65	ng/ul	0.00

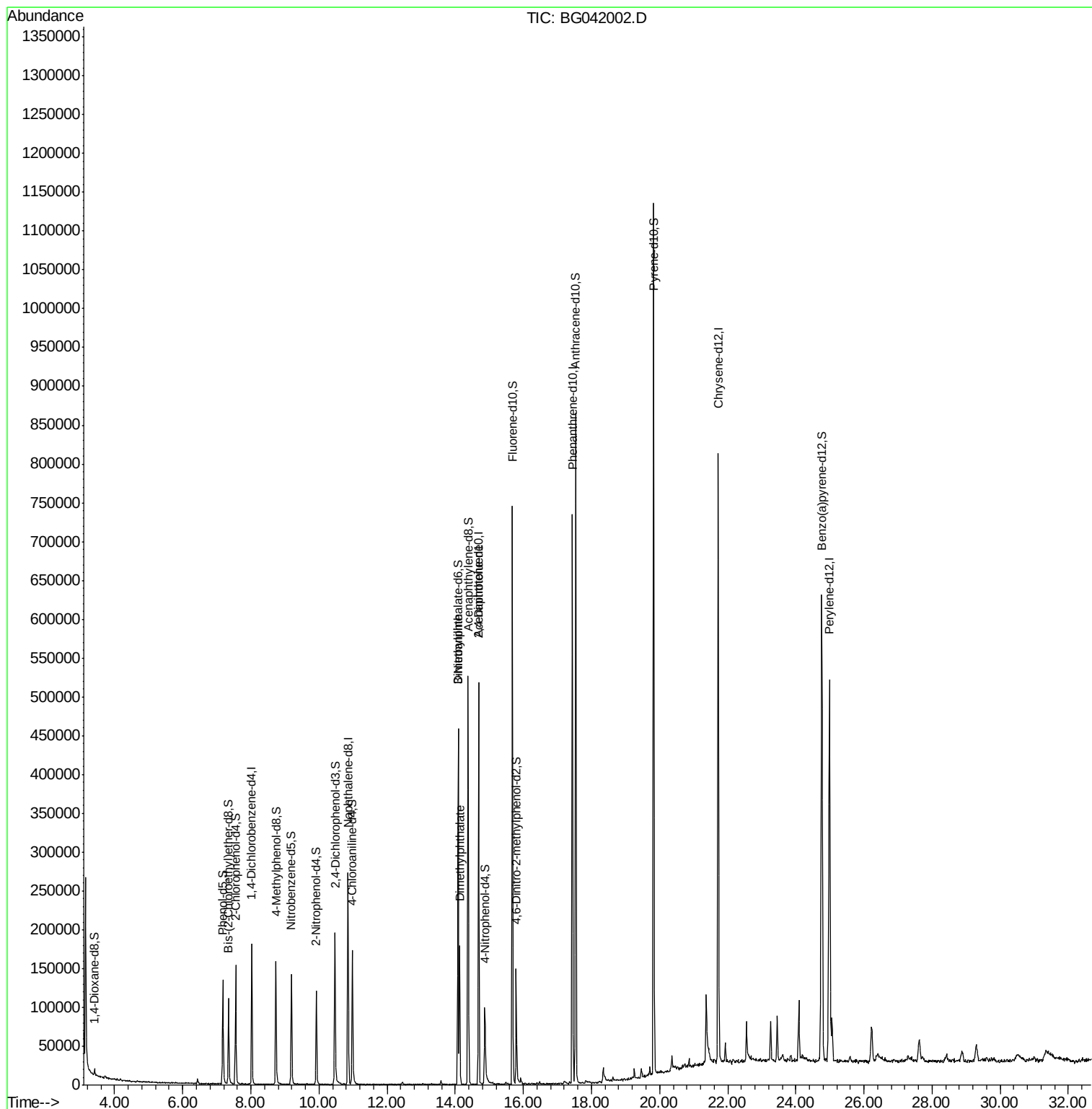
Target Compounds					Qvalue	
44) Dimethylphthalate	14.13	163	139677	9.025	ng/ul	98
48) 3-Nitroaniline	14.09	138	20226	7.534	ng/ul#	59
54) 2,4-Dinitrotoluene	14.69	165	26889	5.494	ng/ul#	44

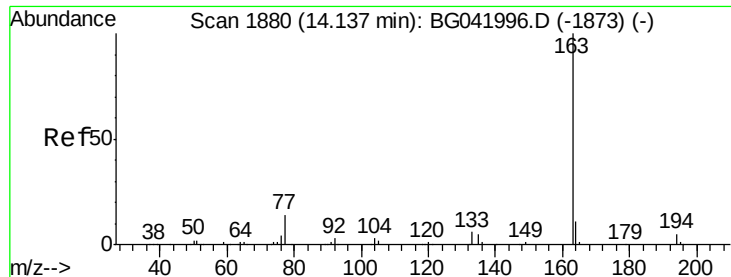
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 9.025 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

BENR1

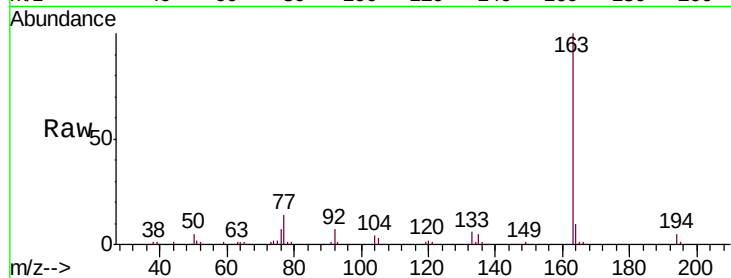
Tgt Ion:163 Resp: 139677

Ion Ratio Lower Upper

163 100

194 4.7 4.2 6.2

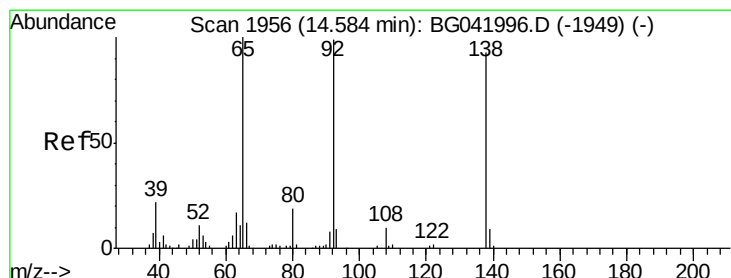
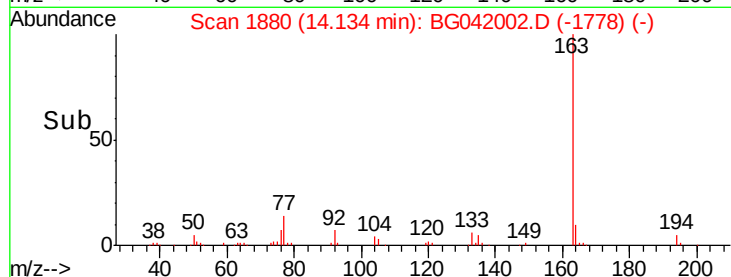
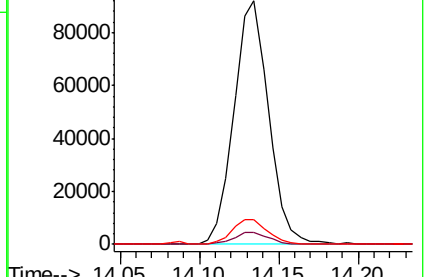
164 10.4 7.8 11.8



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



#48

3-Nitroaniline

Concen: 7.534 ng/ul

RT: 14.09 min Scan# 1872

Delta R.T. -0.50 min

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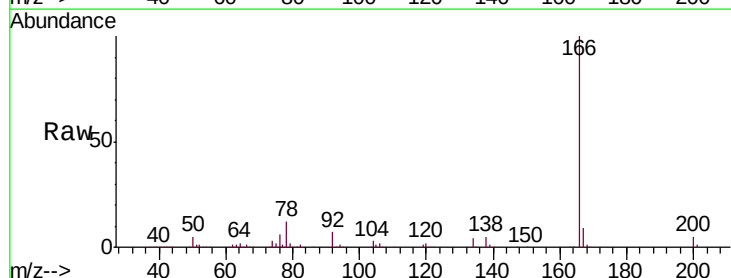
Tgt Ion:138 Resp: 20226

Ion Ratio Lower Upper

138 100

108 0.0 7.6 11.4#

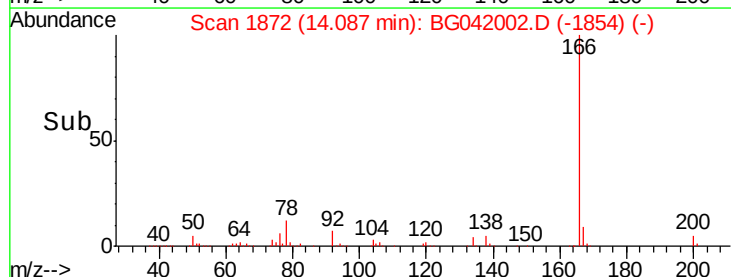
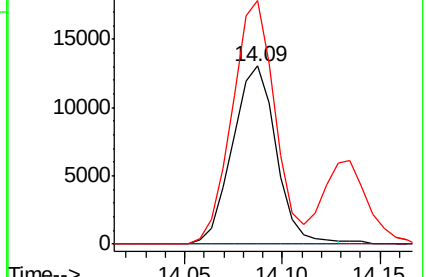
92 136.8 76.4 114.6#

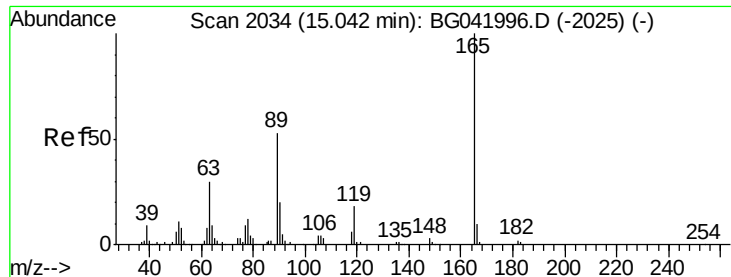


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#54
 2,4-Dinitrotoluene
 Concen: 5.494 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.36 min
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Instrument :
 BNA_G
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 BENR1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.4	44.2#
182	0.0	2.6	4.0#

