

Data File : BG042056.D
Acq On : 8 Aug 2019 7:41
Operator : HP/JU
Sample : K4116-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JLLE9

Quant Time: Aug 08 08:38:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 08:35:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	81389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	342182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	241803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	530176	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	523177	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	613717	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	3655	1.96	ng/uL	0.00
5) Phenol-d5	7.17	99	81994	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	43457	12.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	75137	13.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	71096	13.26	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	36778	14.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	44393	14.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	83910	13.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	97413	14.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	287407	15.33	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	332393	15.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	31082	9.87	ng/ul	0.00
57) Fluorene-d10	15.68	176	256045	15.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	36083	10.61	ng/ul	0.00
70) Anthracene-d10	17.54	188	407522	16.02	ng/ul	0.00
78) Pyrene-d10	19.82	212	481770	16.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	522998	16.31	ng/ul	0.00

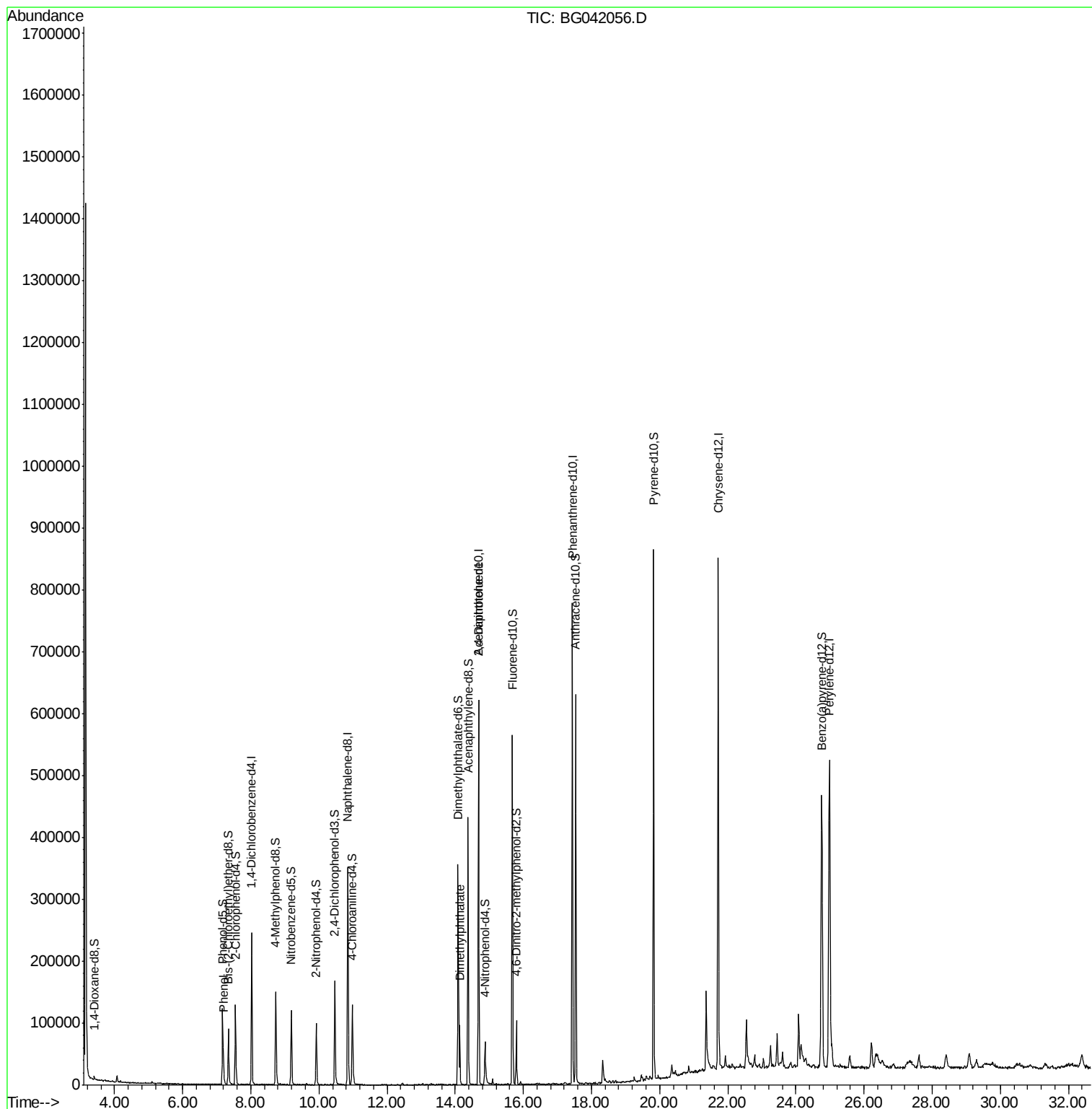
Target Compounds				Qvalue		
6) Phenol	7.20	94	14069	2.134	ng/ul	97
44) Dimethylphthalate	14.13	163	71567	3.843	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	32222	5.472	ng/ul#	46

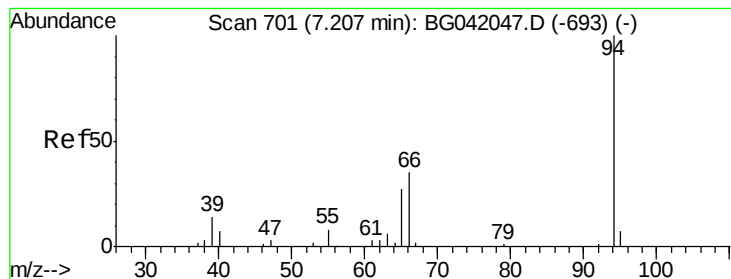
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.134 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

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Acq: 8 Aug 2019 7:41

Instrument :

BNA_G

ClientSampleId :

JLLE9

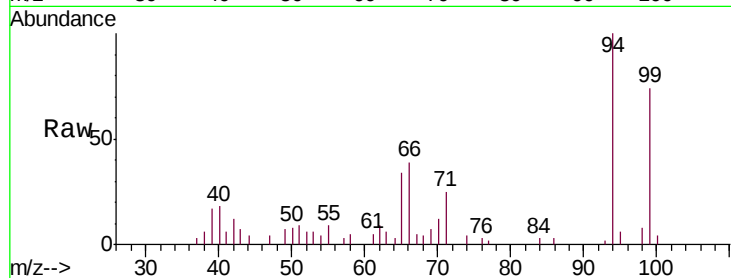
Tgt Ion: 94 Resp: 14069

Ion Ratio Lower Upper

94 100

65 34.2 25.8 38.6

66 38.8 31.8 47.8

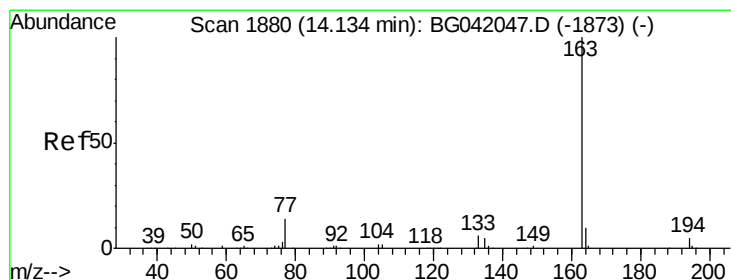
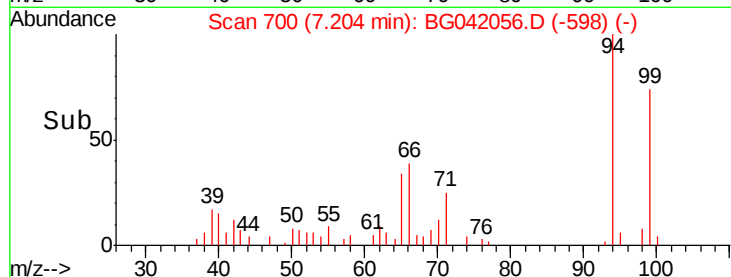
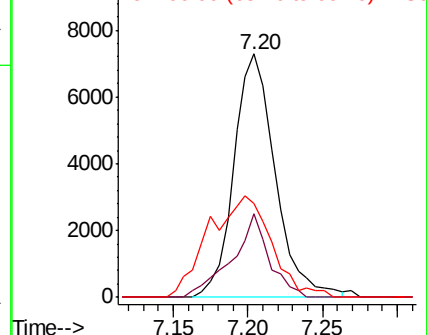


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 3.843 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

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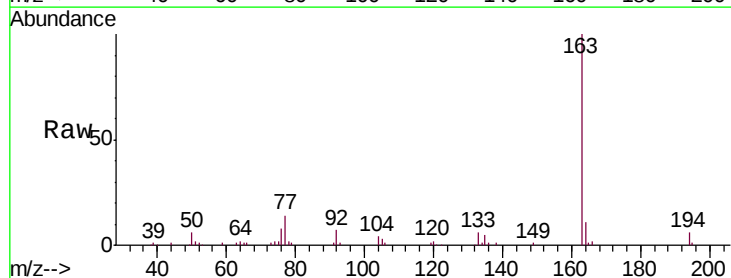
Tgt Ion: 163 Resp: 71567

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

164 11.3 7.8 11.8

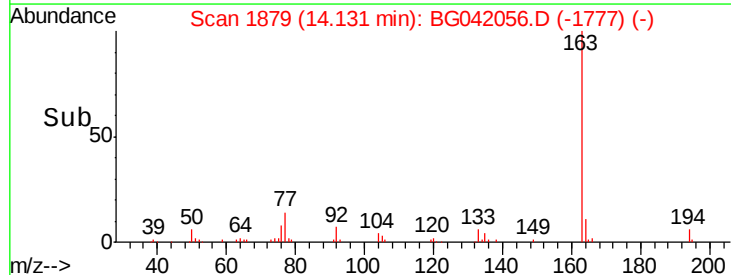
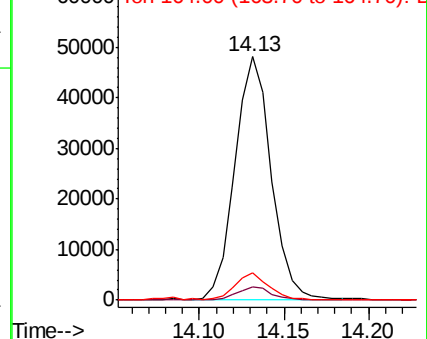


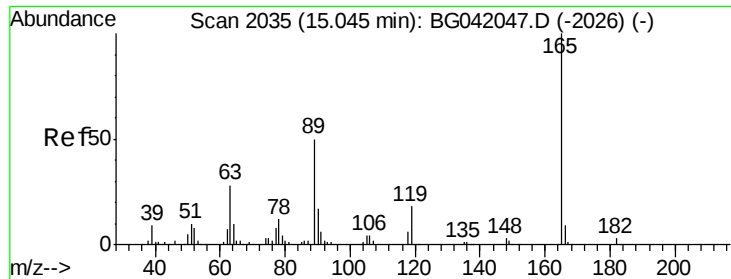
Abundance

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: 5.472 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.36 min
 Lab File: BG042056.D
 Acq: 8 Aug 2019 7:41

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 BNA_G
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	29.4	44.2#
182	0.0	2.6	4.0#

