

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043143.D
 Acq On : 10 Oct 2019 18:37
 Operator : JU
 Sample : K5177-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 11 01:04:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 11:52:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44871	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	196714	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	157124	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	385189	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	389625	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	464944	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4437	4.78	ng/uL	0.00
5) Phenol-d5	7.23	99	79378	23.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	50948	27.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	72288	27.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	65817	23.01	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	37861	27.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	43878	27.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	75907	22.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	87731	25.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	333341	26.39	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	368016	26.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	12336	7.36	ng/ul	0.00
57) Fluorene-d10	15.66	176	291384	27.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	43024	17.41	ng/ul	0.00
70) Anthracene-d10	17.52	188	478165	26.28	ng/ul	0.00
78) Pyrene-d10	19.80	212	562747	29.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.68	264	608757	26.49	ng/ul	0.00

Target Compounds

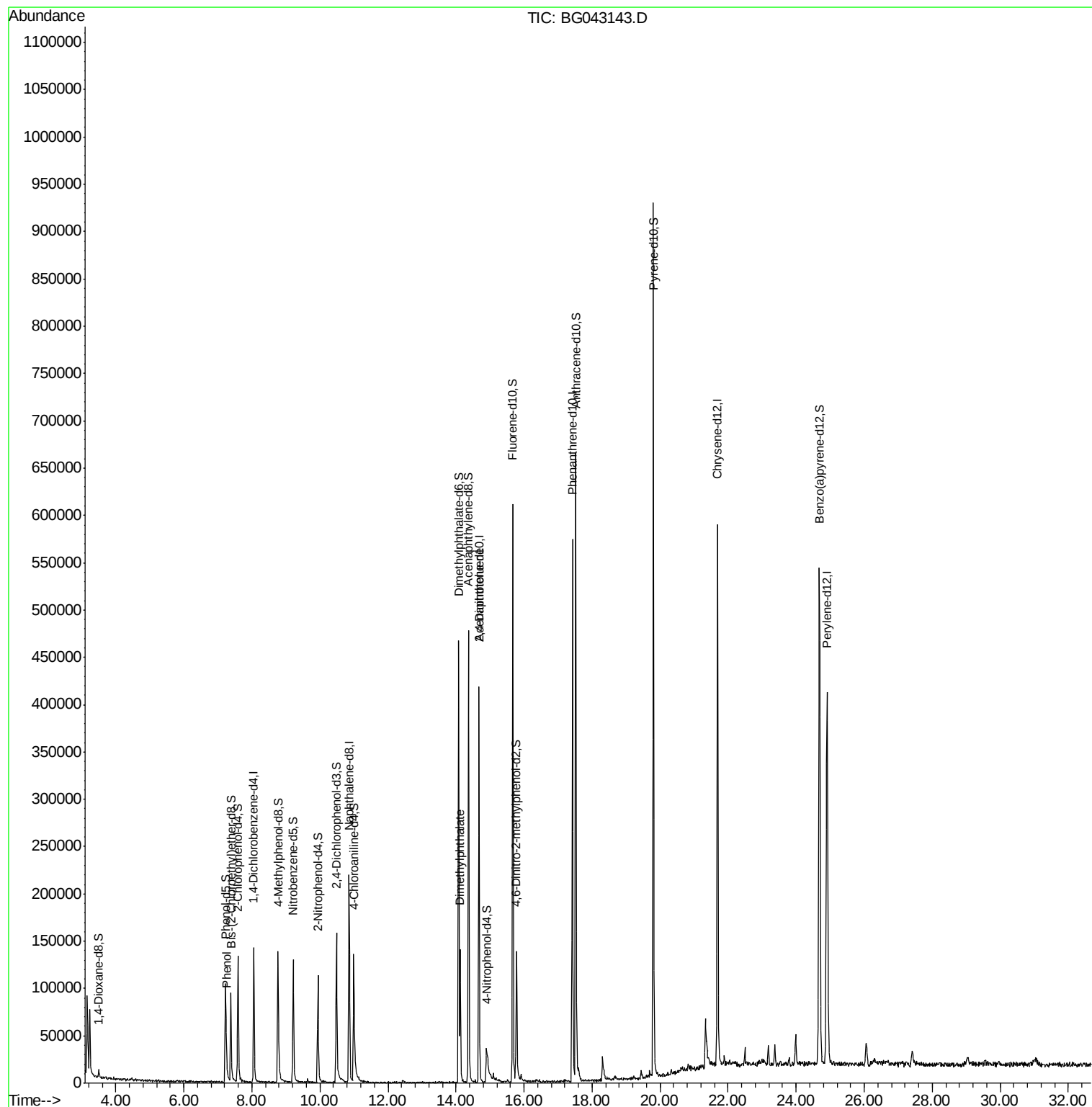
				Ovalue	
6) Phenol	7.25	94	9703	2.865	ng/ul 94
44) Dimethylphthalate	14.12	163	93105	7.631	ng/ul# 95
54) 2,4-Dinitrotoluene	14.67	165	21386	5.761	ng/ul# 36

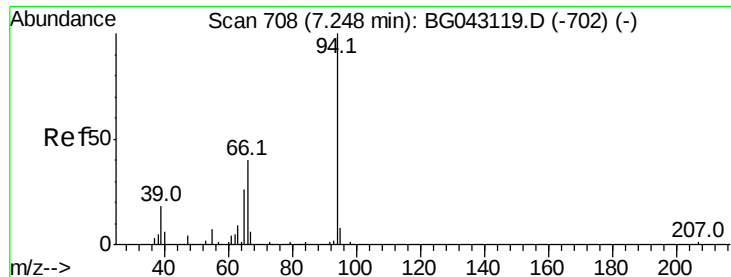
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.865 ng/ul

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG043143.D

Acq: 10 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

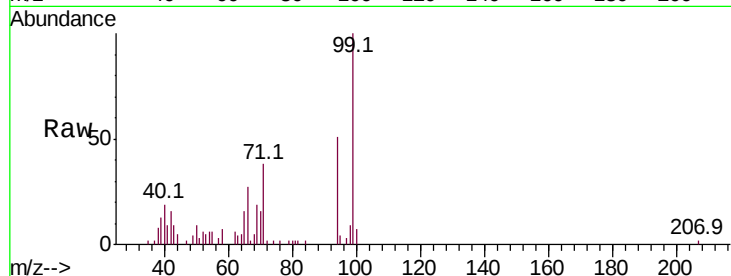
Tot Ion: 94 Resp: 9703

Ion Ratio Lower Upper

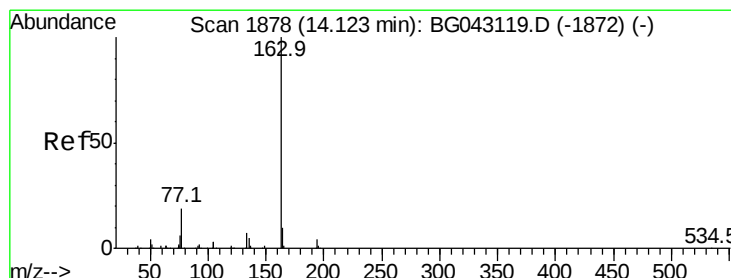
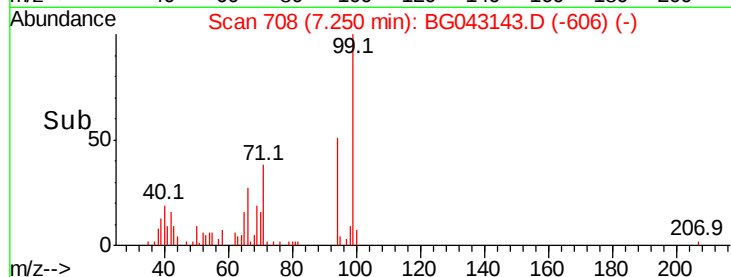
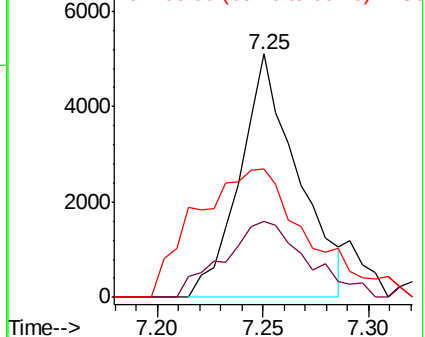
94 100

65 31.3 27.2 40.8

66 52.6 38.7 58.1



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: 7.631 ng/ul

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG043143.D

Acq: 10 Oct 2019 18:37

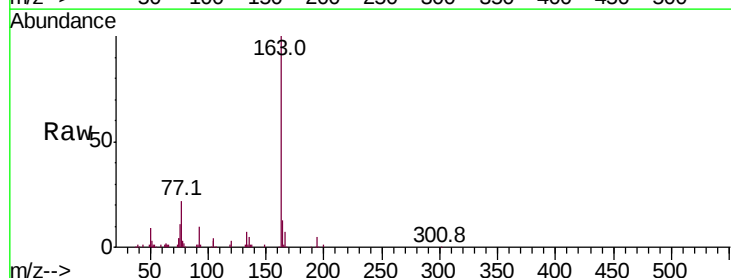
Tgt Ion: 163 Resp: 93105

Ion Ratio Lower Upper

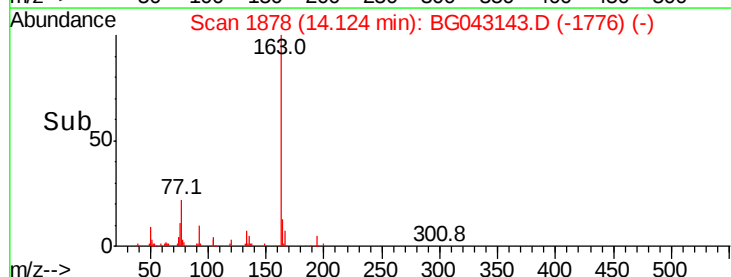
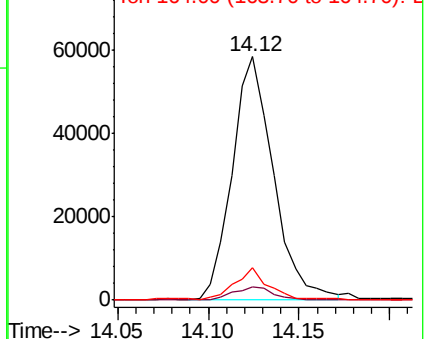
163 100

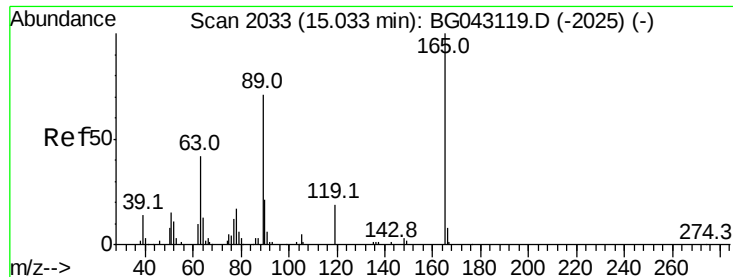
194 5.3 3.6 5.4

164 13.1 8.6 12.8#



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: 5.761 ng/ul
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.36 min
 Lab File: BG043143.D
 Acq: 10 Oct 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
182	0.0	2.7	4.1#

