

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043135.D
 Acq On : 10 Oct 2019 13:31
 Operator : JU
 Sample : K5097-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JLMF6

Quant Time: Oct 10 14:14:05 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	8.05	152	46298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	196479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	149653	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	348107	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	372535	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	443520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	3946	4.12	ng/uL	0.00
5) Phenol-d5	7.22	99	77364	22.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46093	24.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	68919	25.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	68618	23.25	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	34567	24.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	39966	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	66644	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	87076	25.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	293050	24.35	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	327855	25.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.93	143	1977	1.24	ng/ul	0.04
57) Fluorene-d10	15.67	176	258031	25.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	15612	6.99	ng/ul	0.00
70) Anthracene-d10	17.52	188	428929	26.08	ng/ul	0.00
78) Pyrene-d10	19.80	212	507349	27.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	573332	26.16	ng/ul	0.00

Target Compounds

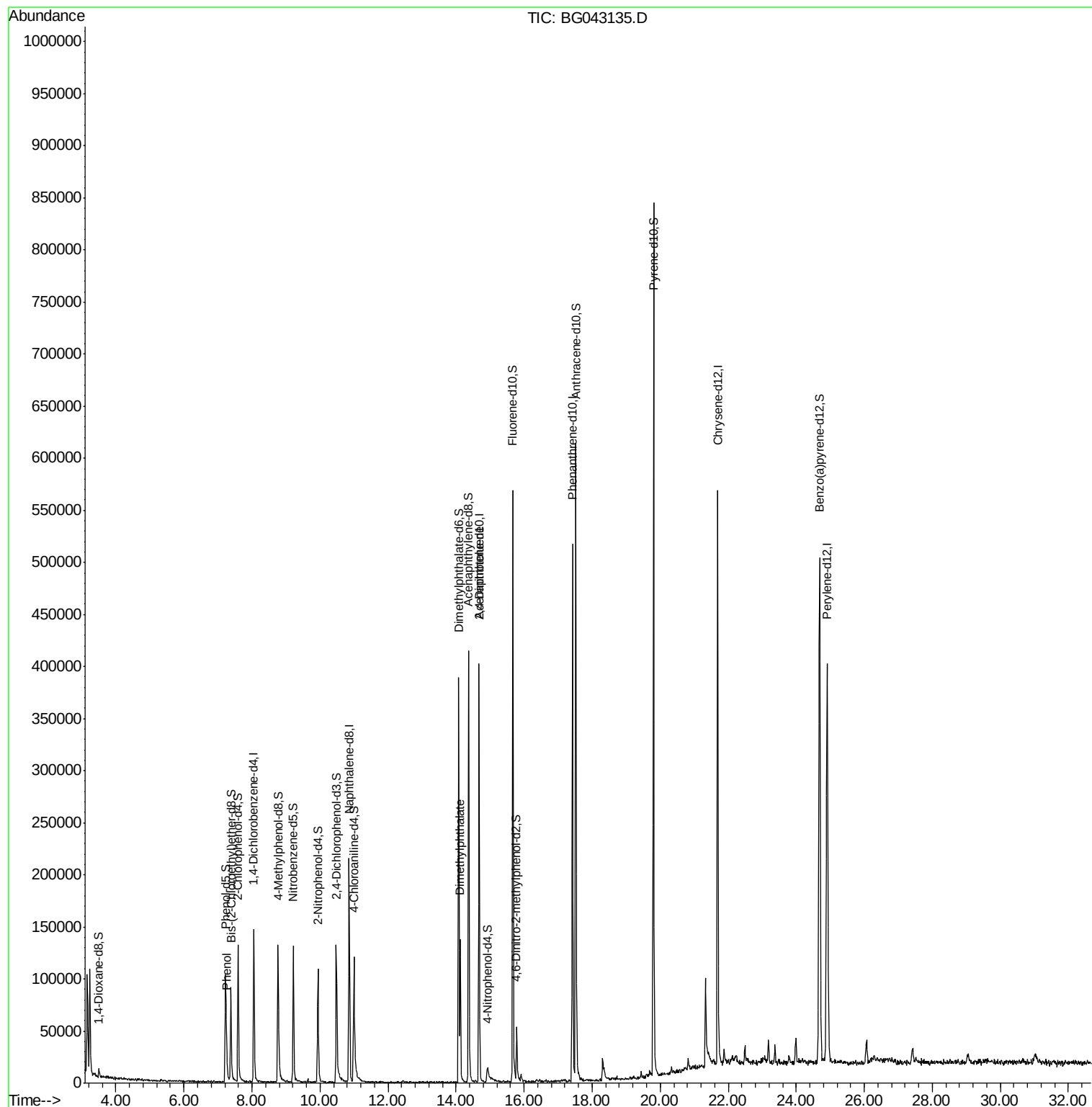
					Ovalue	
6) Phenol	7.25	94	10243	2.931	ng/ul#	89
44) Dimethylphthalate	14.12	163	93648	8.059	ng/ul#	98
54) 2,4-Dinitrotoluene	14.68	165	20248	5.727	ng/ul#	39

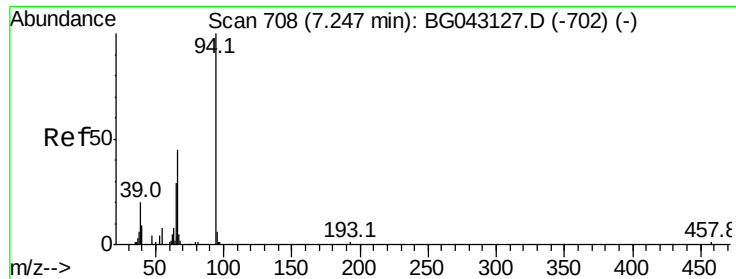
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.931 ng/ul

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043135.D

Acq: 10 Oct 2019 13:31

Instrument :

BNA_G

ClientSampleId :

JLMF6

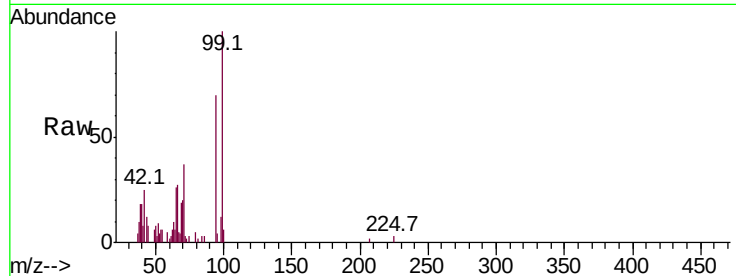
Tot Ion: 94 Resp: 10243

Ion Ratio Lower Upper

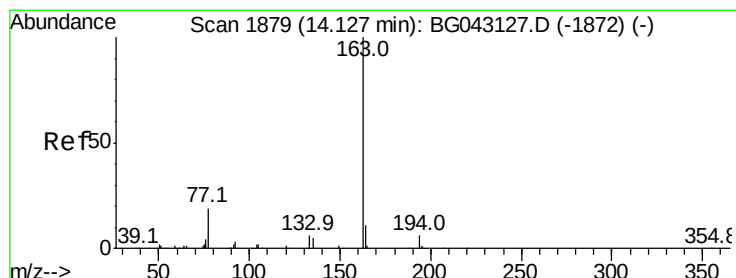
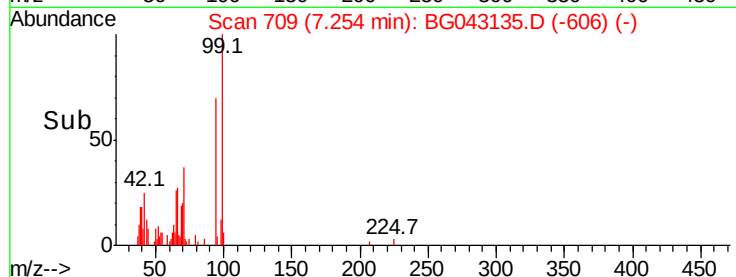
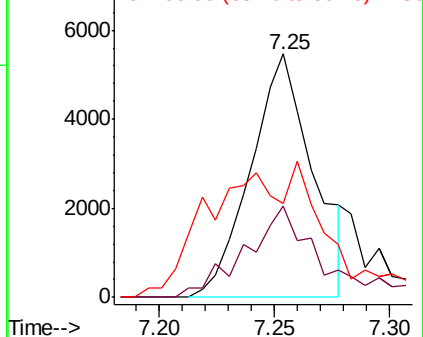
94 100

65 37.6 27.2 40.8

66 38.5 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: 8.059 ng/ul

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG043135.D

Acq: 10 Oct 2019 13:31

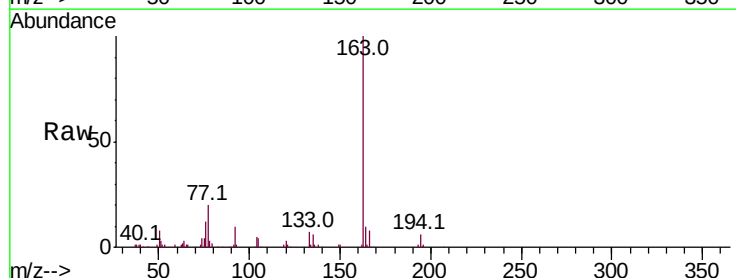
Tgt Ion:163 Resp: 93648

Ion Ratio Lower Upper

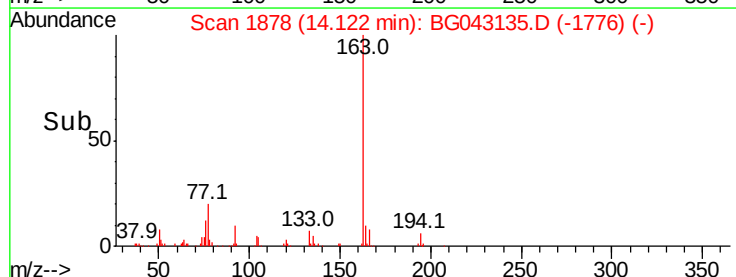
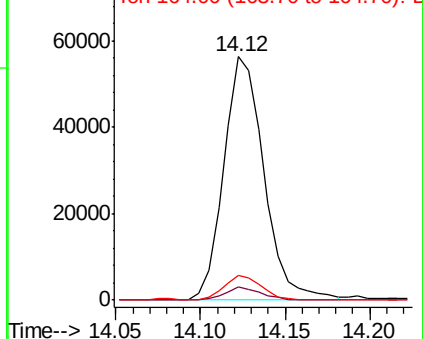
163 100

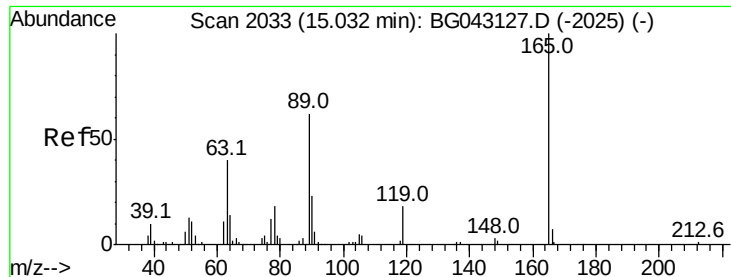
194 5.6 3.6 5.4#

164 10.4 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: 5.727 ng/ul
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.35 min
 Lab File: BG043135.D
 Acq: 10 Oct 2019 13:31

Instrument :
 BNA_G
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Tot Ion:165 Resp: 20248
 Ion Ratio Lower Upper
 165 100
 63 1.7 35.0 52.6#
 182 0.0 2.7 4.1#

