

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042226.D
 Acq On : 15 Aug 2019 13:02
 Operator : HP/JU
 Sample : K4183-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AK4

Quant Time: Aug 16 10:05:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	67135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	279960	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	192696	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	391179	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	375906	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	423828	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5977	3.90	ng/uL	0.00
5) Phenol-d5	7.18	99	135973	25.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	69245	23.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	128247	28.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	120692	27.29	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	63218	30.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	77079	31.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	141877	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	167939	30.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	423322	28.33	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	505239	29.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	51524	20.53	ng/ul	0.00
57) Fluorene-d10	15.68	176	375894	28.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	51513	20.53	ng/ul	0.00
70) Anthracene-d10	17.53	188	561189	29.90	ng/ul	0.00
78) Pyrene-d10	19.82	212	597813	28.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	679566	30.69	ng/ul	0.00

Target Compounds

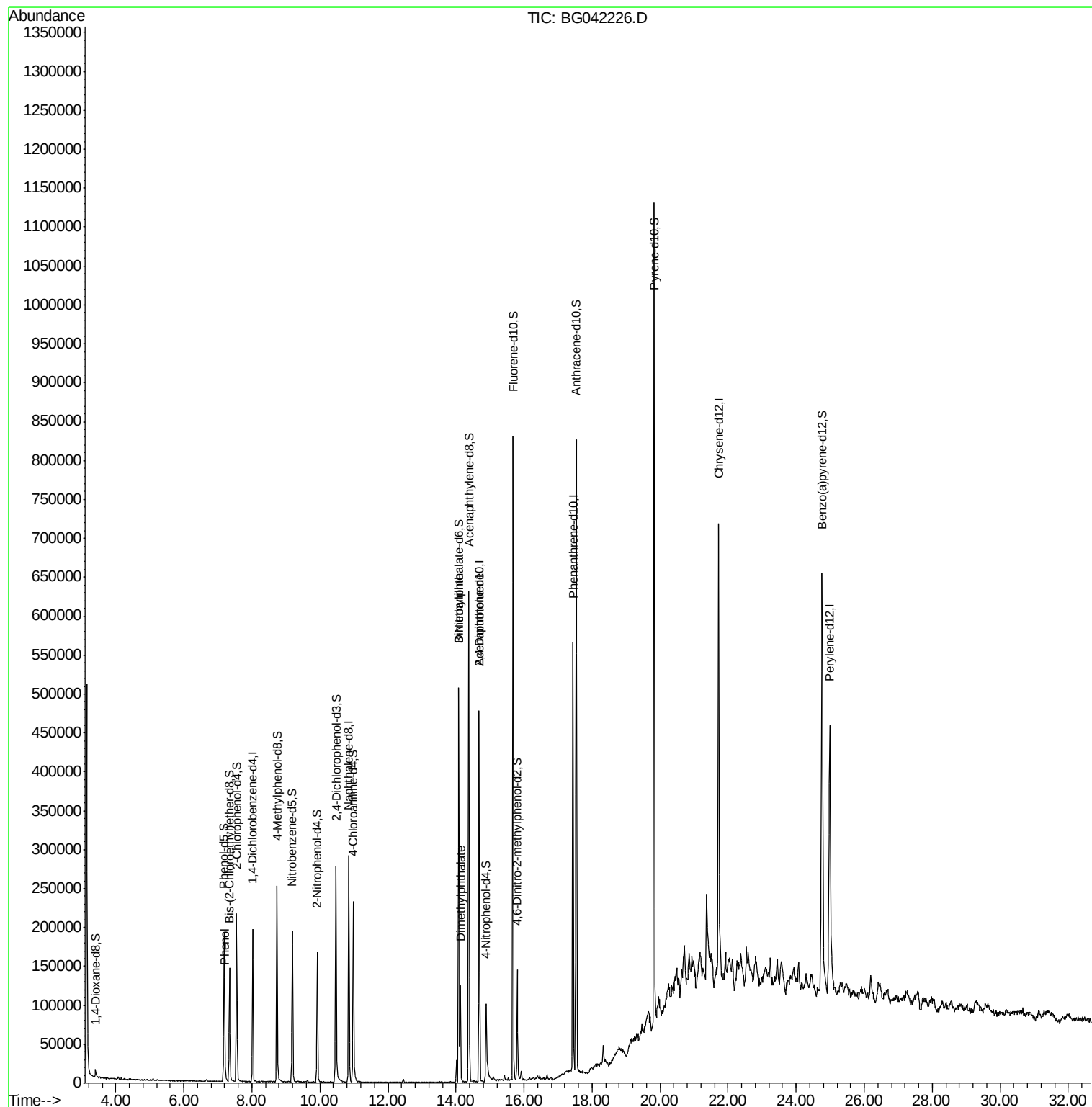
					Ovalue
6) Phenol	7.20	94	17319	3.185 ng/ul	94
44) Dimethylphthalate	14.13	163	96365	6.494 ng/ul	98
48) 3-Nitroaniline	14.08	138	22849	8.877 ng/ul#	68
54) 2,4-Dinitrotoluene	14.68	165	24998	5.327 ng/ul#	44

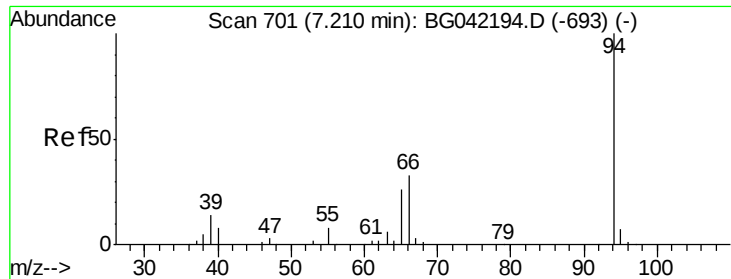
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.185 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG042226.D

Acq: 15 Aug 2019 13:02

Instrument :

BNA_G

ClientSampleId :

C0AK4

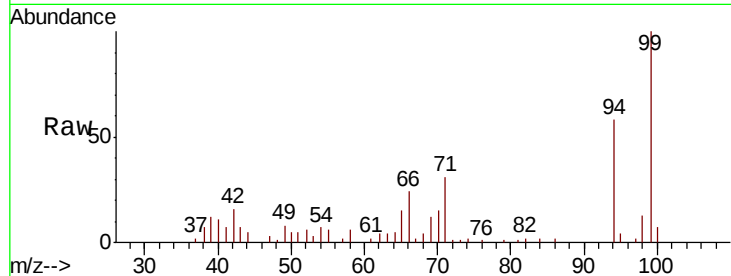
Tot Ion: 94 Resp: 17319

Ion Ratio Lower Upper

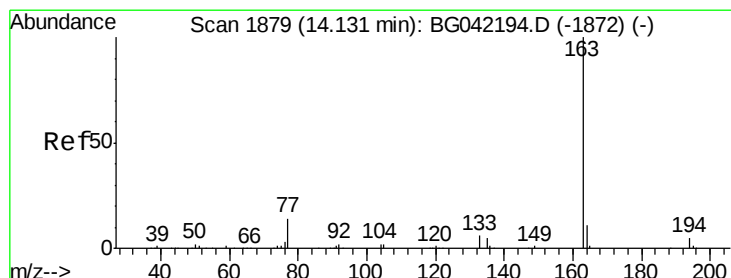
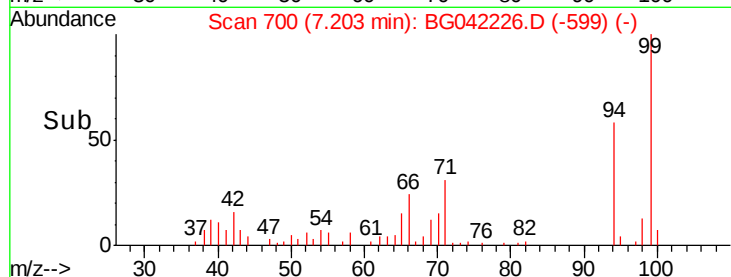
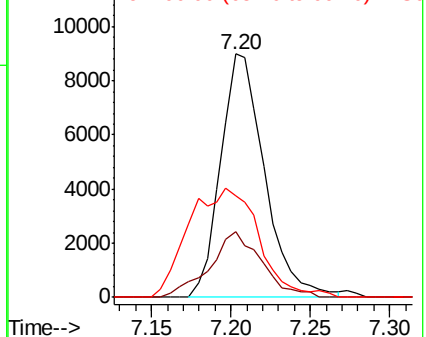
94 100

65 26.8 25.8 38.6

66 41.5 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: 6.494 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042226.D

Acq: 15 Aug 2019 13:02

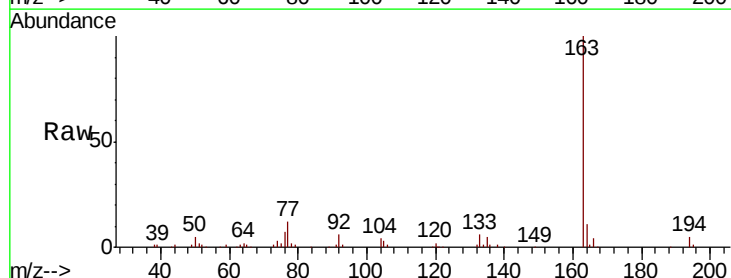
Tgt Ion:163 Resp: 96365

Ion Ratio Lower Upper

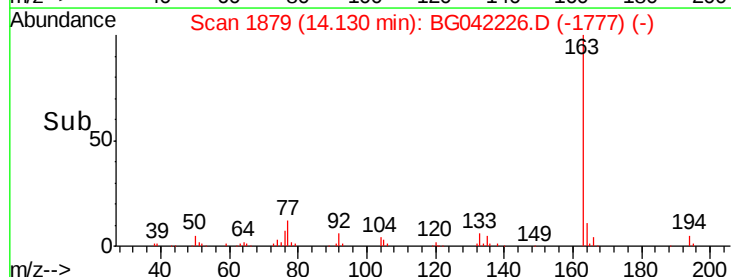
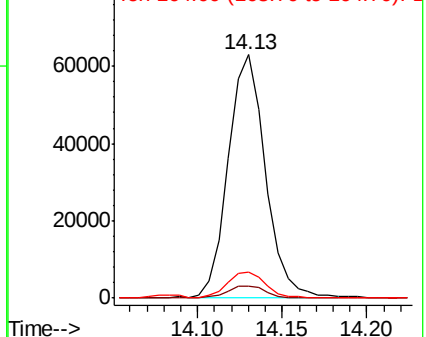
163 100

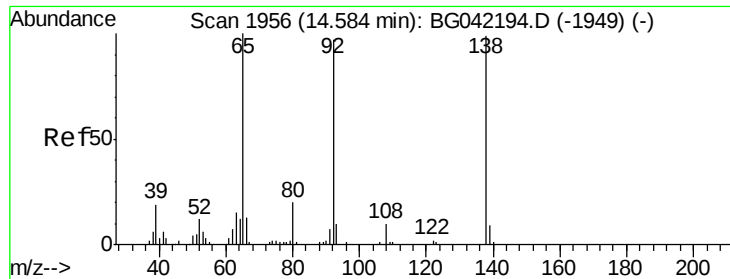
194 5.1 4.2 6.2

164 10.7 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





#48

3-Nitroaniline

Concen: 8.877 ng/ul

RT: 14.08 min Scan# 1871

Delta R.T. -0.50 min

Lab File: BG042226.D

Acq: 15 Aug 2019 13:02

Instrument :

BNA_G

ClientSampleId :

C0AK4

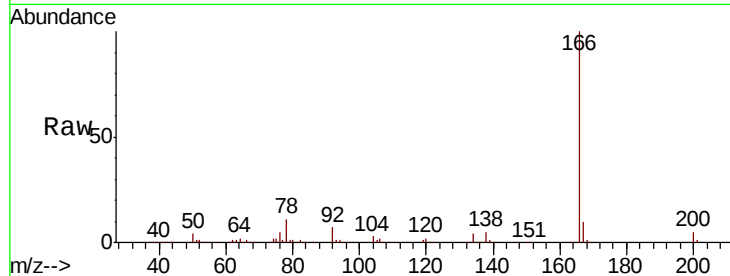
Tot Ion:138 Resp: 22849

Ion Ratio Lower Upper

138 100

108 1.4 7.6 11.4#

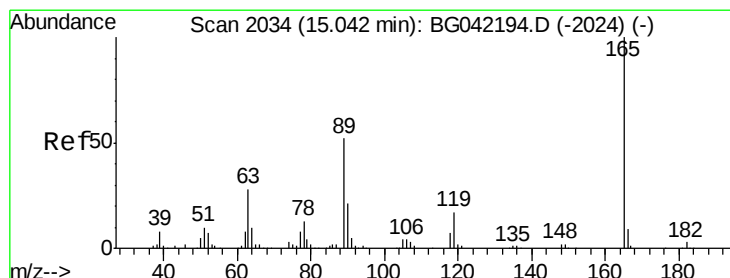
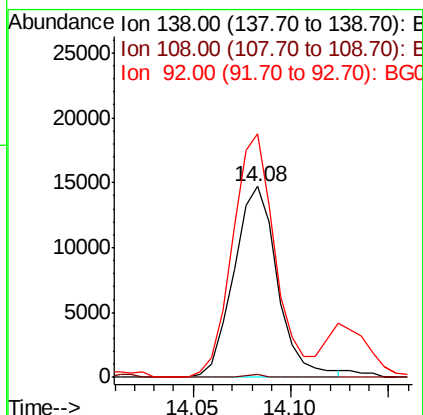
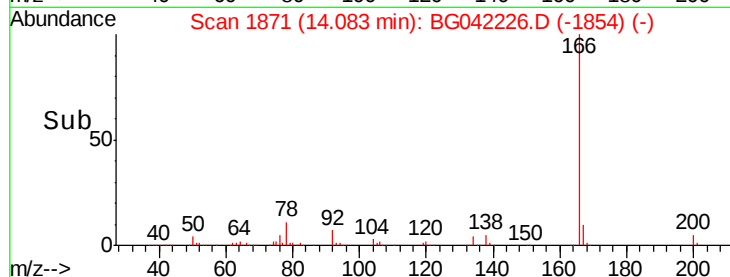
92 127.6 76.4 114.6#



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): BGC



#54

2,4-Dinitrotoluene

Concen: 5.327 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. -0.36 min

Lab File: BG042226.D

Acq: 15 Aug 2019 13:02

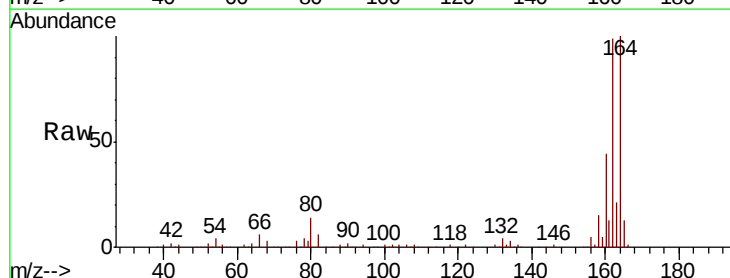
Tgt Ion:165 Resp: 24998

Ion Ratio Lower Upper

165 100

63 0.9 29.4 44.2#

182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E

