

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
 Data File : BG042080.D
 Acq On : 8 Aug 2019 23:16
 Operator : HP/JU
 Sample : K4116-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JLLD3

Quant Time: Aug 09 08:27:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 15:44:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	76525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	321373	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	227628	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	489441	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	487028	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	571816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4440	2.54	ng/uL	0.00
5) Phenol-d5	7.18	99	102308	17.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	54583	16.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	95441	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	85122	16.88	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	48089	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	56781	20.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	105679	18.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	116906	18.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	353226	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	409729	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	34185	11.53	ng/ul	0.00
57) Fluorene-d10	15.68	176	315835	20.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	48192	15.35	ng/ul	0.00
70) Anthracene-d10	17.54	188	502410	21.40	ng/ul	0.00
78) Pyrene-d10	19.82	212	587815	21.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	649807	21.75	ng/ul	0.00

Target Compounds

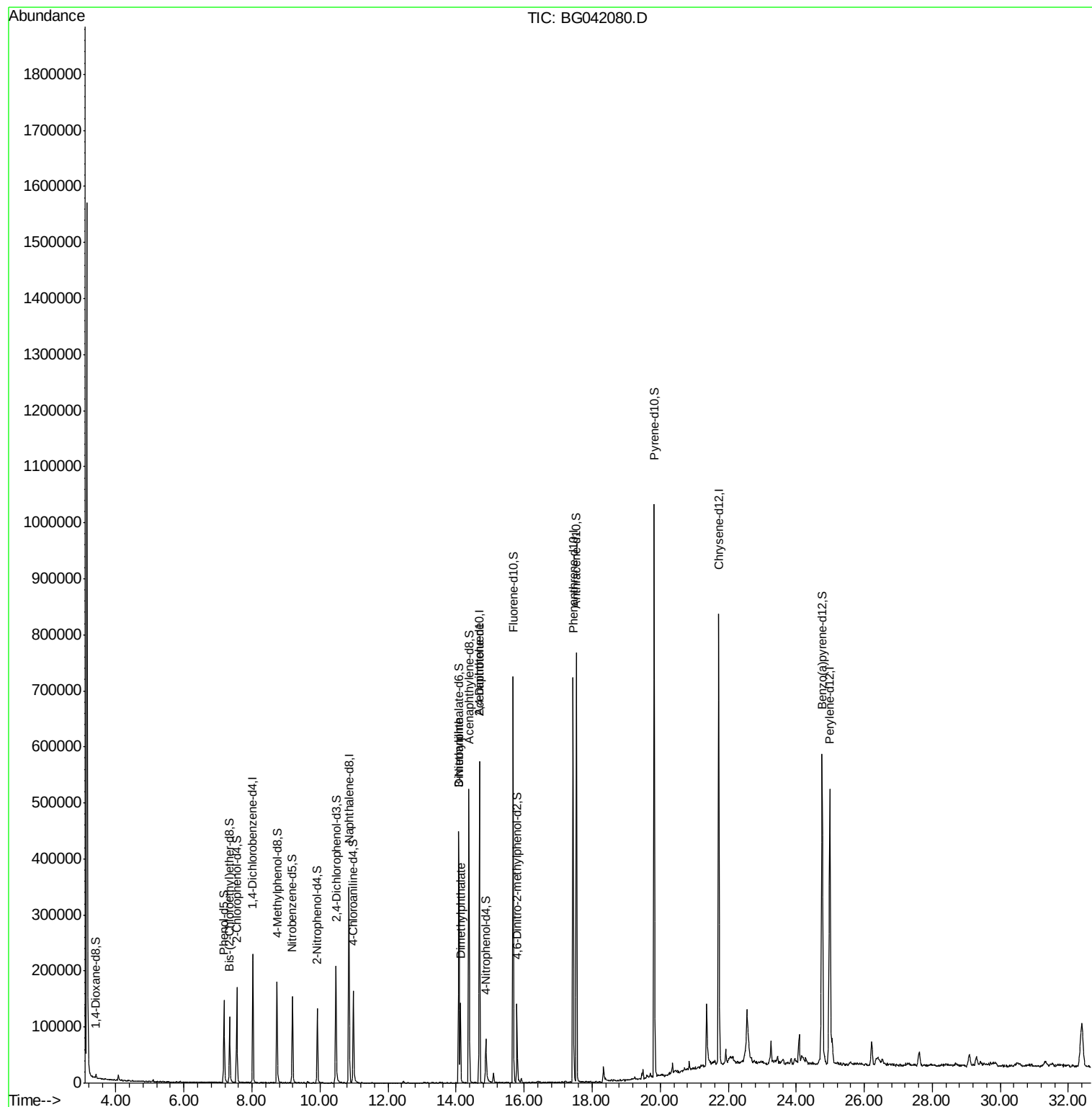
					Qvalue	
44) Dimethylphthalate	14.13	163	112535	6.420	ng/ul	99
48) 3-Nitroaniline	14.09	138	19501	6.413	ng/ul#	79
54) 2,4-Dinitrotoluene	14.69	165	29858	5.386	ng/ul#	44

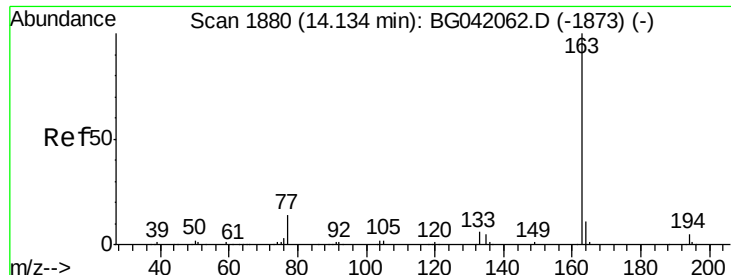
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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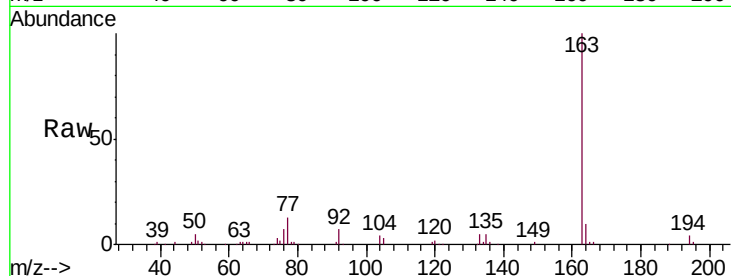




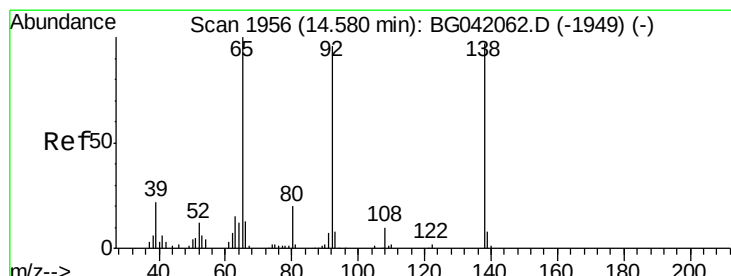
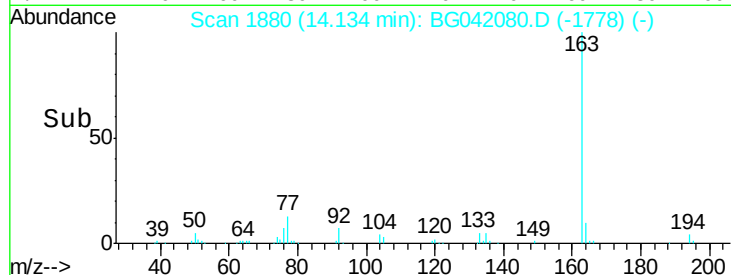
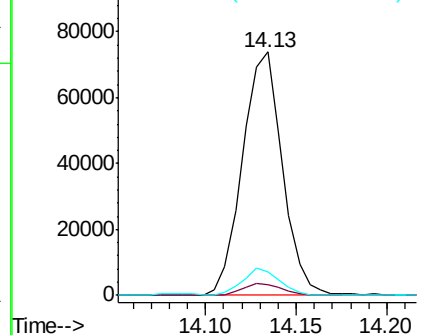
#44
 Dimethylphthalate
 Concen: 6.420 ng/ul
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG042080.D
 Acq: 8 Aug 2019 23:16

Instrument :
 BNA_G
 ClientSampleId :
 JLLD3

Tgt Ion:163 Resp: 112535
 Ion Ratio Lower Upper
 163 100
 194 4.3 4.2 6.2
 164 9.7 7.8 11.8

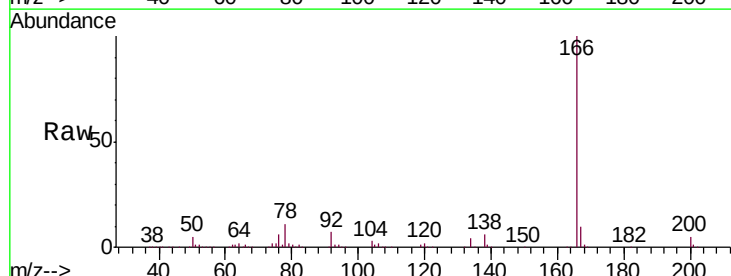


Abundance Ion 163.00 (162.70 to 163.70): E
 100000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

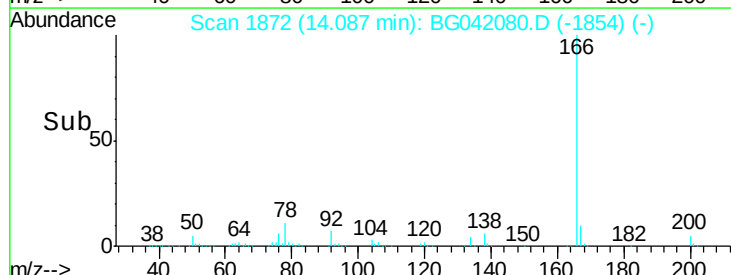
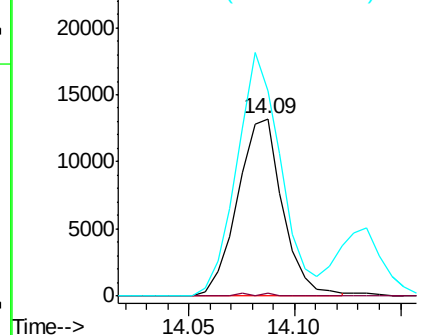


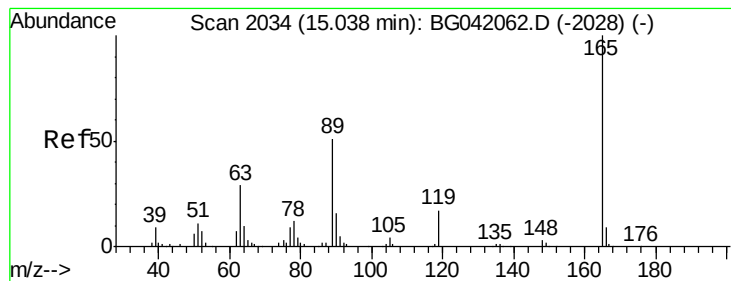
#48
 3-Nitroaniline
 Concen: 6.413 ng/ul
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.49 min
 Lab File: BG042080.D
 Acq: 8 Aug 2019 23:16

Tgt Ion:138 Resp: 19501
 Ion Ratio Lower Upper
 138 100
 108 2.0 7.6 11.4#
 92 115.9 76.4 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E
 25000 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGO





#54

2,4-Dinitrotoluene

Concen: 5.386 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.36 min

Lab File: BG042080.D

Acq: 8 Aug 2019 23:16

Instrument :

BNA_G

ClientSampleId :

JLLD3

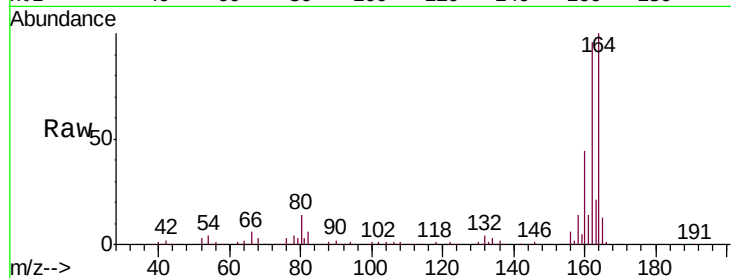
Tgt Ion:165 Resp: 29858

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

