

Data File : BG042017.D
Acq On : 7 Aug 2019 4:03
Operator : HP/JU
Sample : K4029-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENX9

Quant Time: Aug 07 07:26:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 02:32:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	256334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	200571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	492643	20.00	ng/ul	0.00
77) Chrysene-d12	21.71	240	508755	20.00	ng/ul	0.00
85) Perylene-d12	24.97	264	593031	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4642	3.38	ng/uL	0.00
5) Phenol-d5	7.17	99	81373	17.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	50901	19.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	79469	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	68058	17.20	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	41413	21.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	46997	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	85860	18.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	97029	19.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	329305	21.17	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	373565	21.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	30584	11.71	ng/ul	0.00
57) Fluorene-d10	15.68	176	302556	21.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	38398	12.15	ng/ul	0.00
70) Anthracene-d10	17.54	188	508176	21.50	ng/ul	0.00
78) Pyrene-d10	19.82	212	599169	21.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	628893	20.30	ng/ul	0.00

Target Compounds

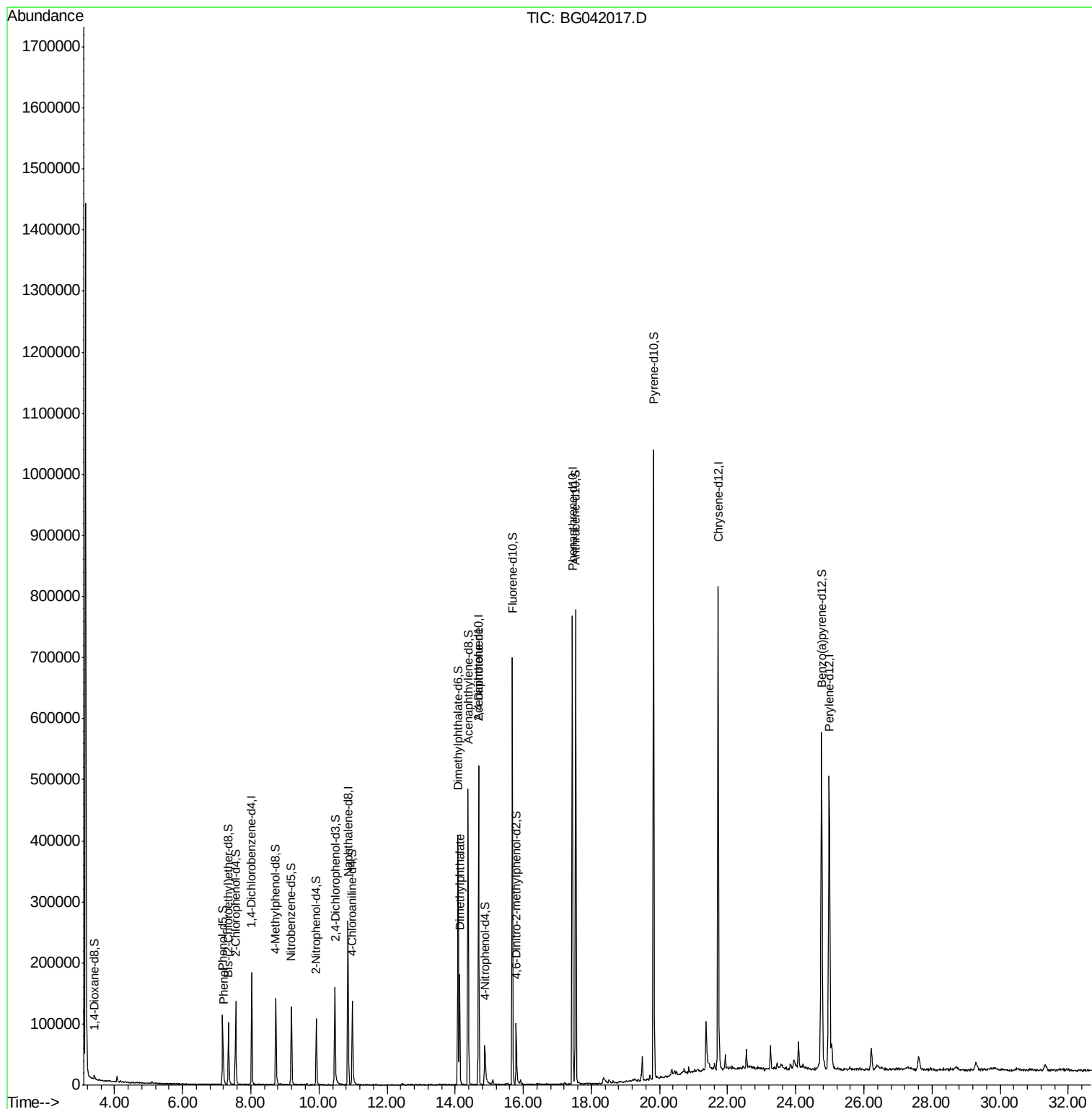
					Qvalue	
6) Phenol	7.20	94	7377	1.517	ng/ul#	91
44) Dimethylphthalate	14.13	163	145362	9.411	ng/ul#	96
54) 2,4-Dinitrotoluene	14.69	165	26051	5.333	ng/ul#	44

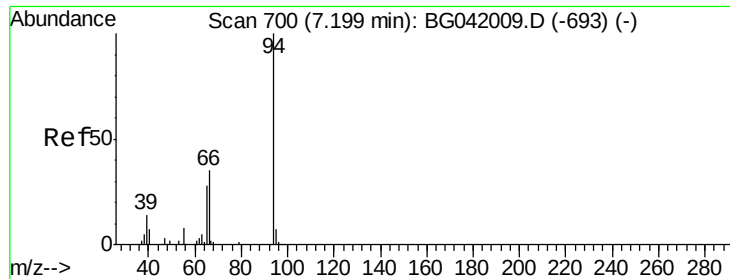
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.517 ng/ul

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

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Acq: 7 Aug 2019 4:03

Instrument :

BNA_G

ClientSampleId :

BENX9

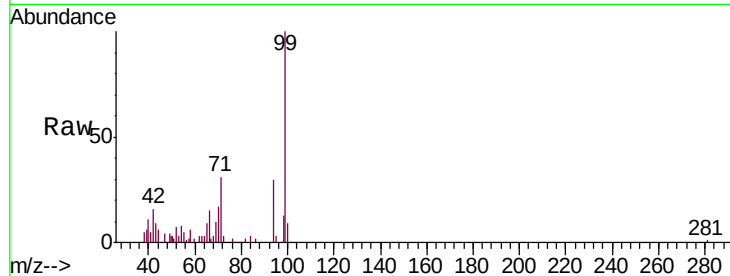
Tgt Ion: 94 Resp: 7377

Ion Ratio Lower Upper

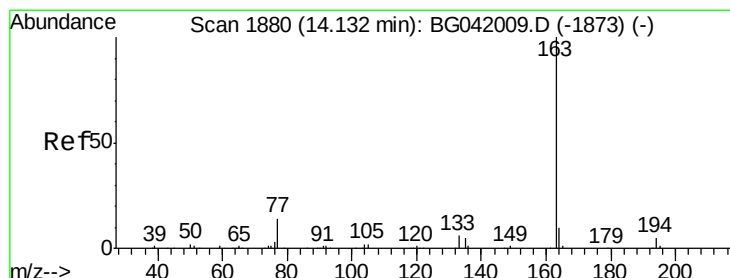
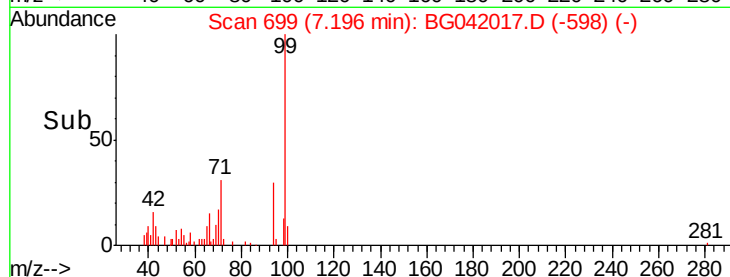
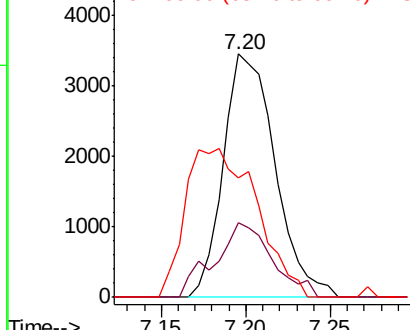
94 100

65 30.8 25.8 38.6

66 49.0 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: 9.411 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

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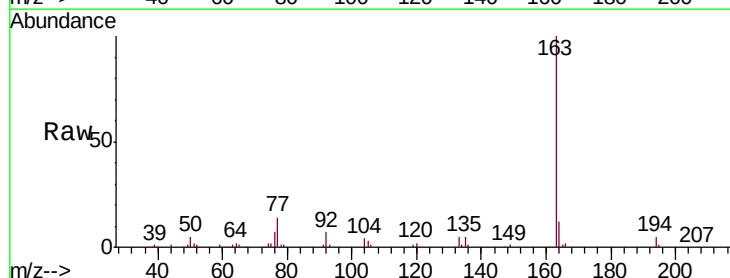
Tgt Ion: 163 Resp: 145362

Ion Ratio Lower Upper

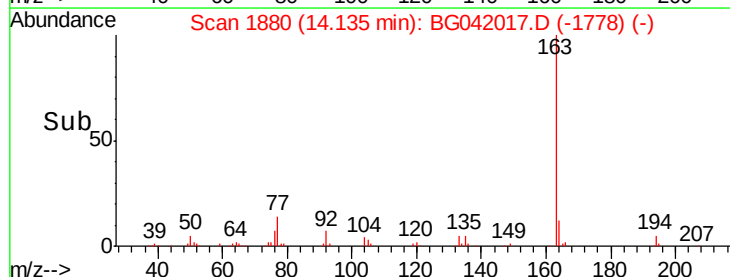
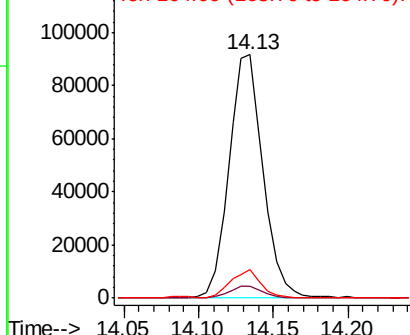
163 100

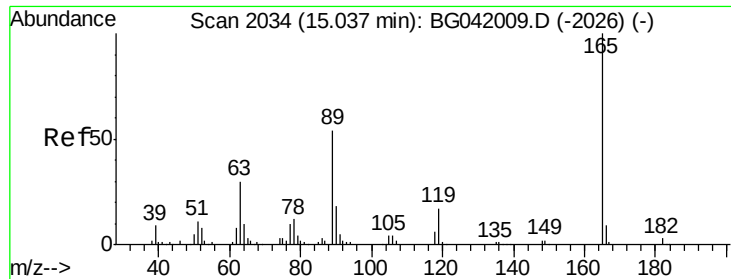
194 4.8 4.2 6.2

164 11.8 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: 5.333 ng/ul
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.35 min
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 Acq: 7 Aug 2019 4:03

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Tgt Ion:	165	Resp:	26051
Ion Ratio	Lower	Upper	
165	100		
63	1.0	29.4	44.2#
182	0.0	2.6	4.0#

