

Data File : BG027497.D
Acq On : 17 Jun 2017 7:56
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A16

Quant Time: Jun 19 00:57:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 19 00:57:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	46936	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	236459	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	153790	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	359352	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	375155	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	365200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	5655	4.82	ng/uL	0.00
5) Phenol-d5	7.66	99	28648	5.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	90740	26.16	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	71325	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	54631	13.73	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	45622	26.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	50921	27.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	87704	25.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	9322	2.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	350385	27.21	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	416885	28.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	10875	4.32	ng/ul	0.00
57) Fluorene-d10	16.09	176	313672	25.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	55354	24.80	ng/ul	0.00
70) Anthracene-d10	17.96	188	496294	29.62	ng/ul	0.00
76) Pyrene-d10	20.22	212	542935	29.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.64	264	477476	29.04	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.69	94	16286	3.05	ng/ul#	83
44) Dimethylphthalate	14.54	163	237361	18.59	ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	2952	1.24	ng/ul#	54
81) Bis(2-ethylhexyl)phthalate	22.06	149	252536	21.04	ng/ul	98

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

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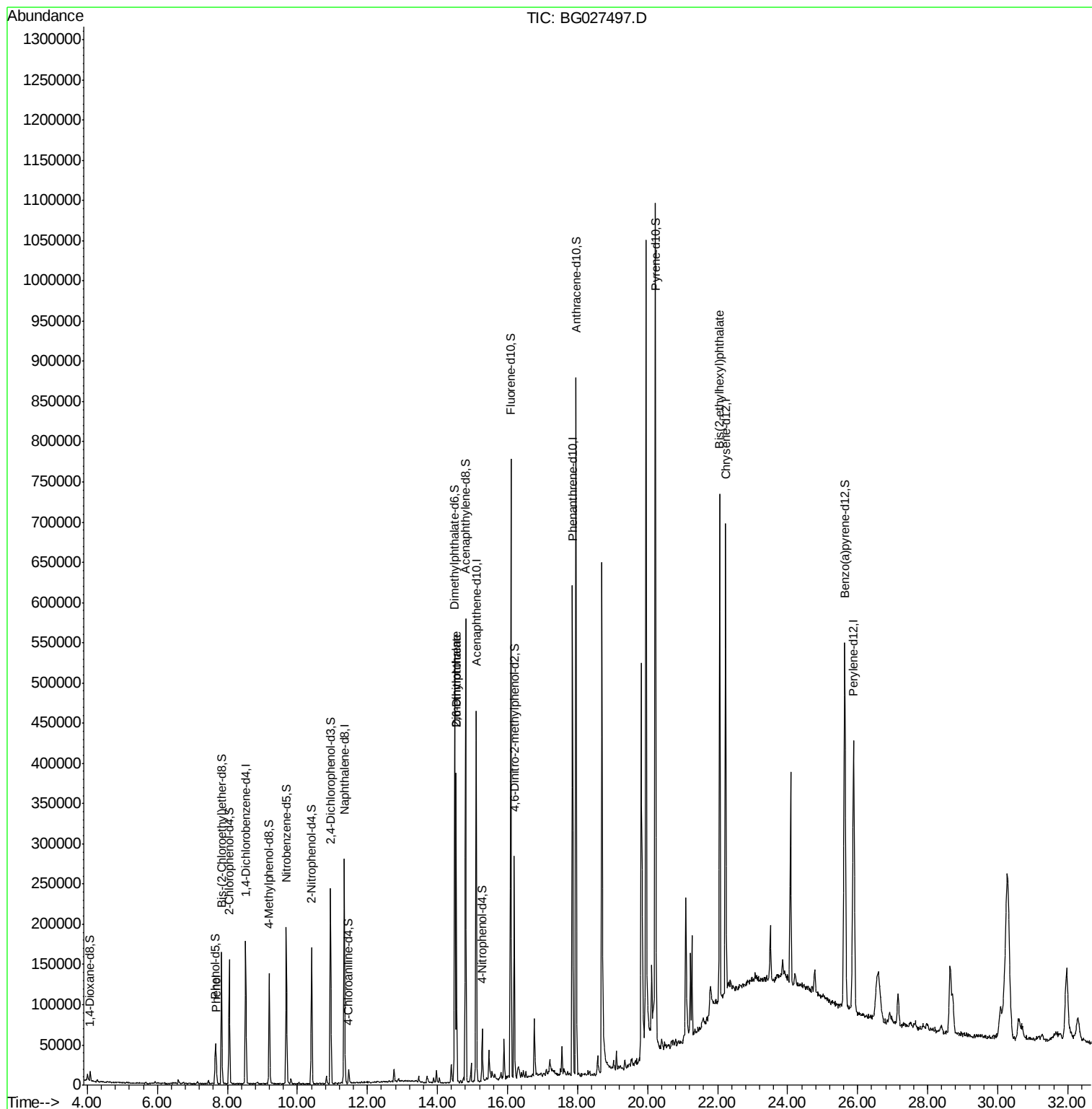
Quant Time: Jun 19 00:57:52 2017

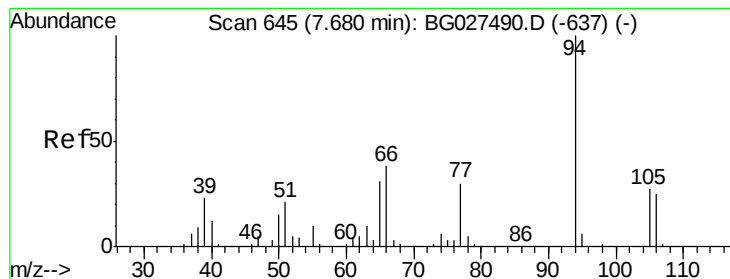
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

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#6

Phenol

Concen: 3.05 ng/ul

RT: 7.69 min Scan# 646

Delta R.T. 0.01 min

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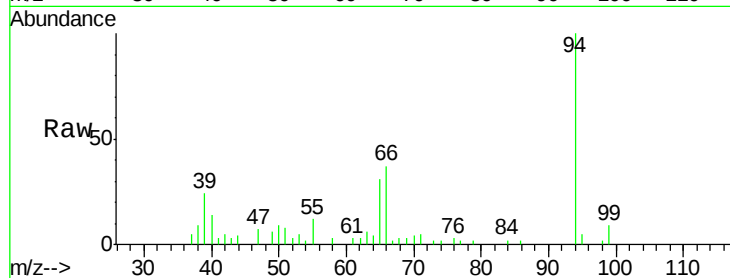
Tgt Ion: 94 Resp: 16286

Ion Ratio Lower Upper

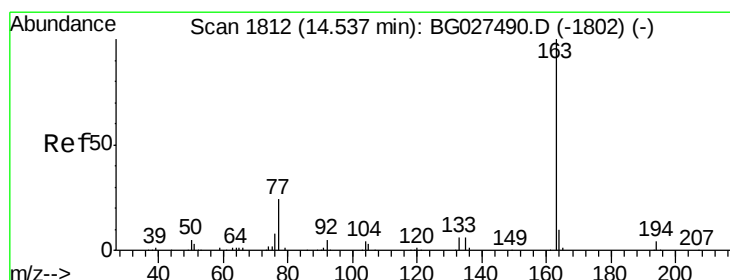
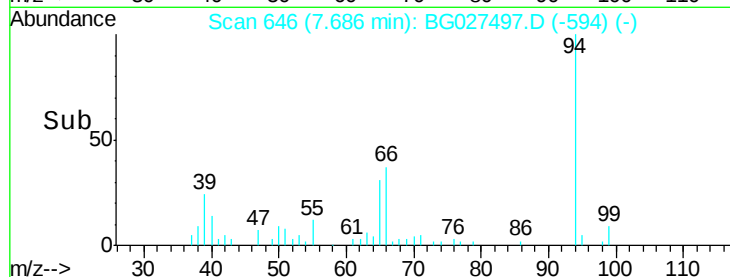
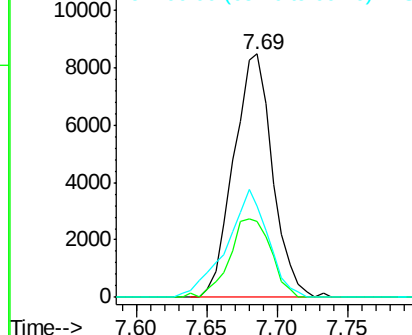
94 100

65 31.4 26.8 40.2

66 37.4 44.4 66.6#



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: 18.59 ng/ul

RT: 14.54 min Scan# 1812

Delta R.T. -0.00 min

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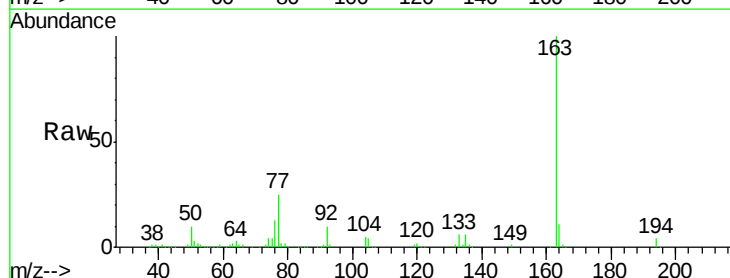
Tgt Ion: 163 Resp: 237361

Ion Ratio Lower Upper

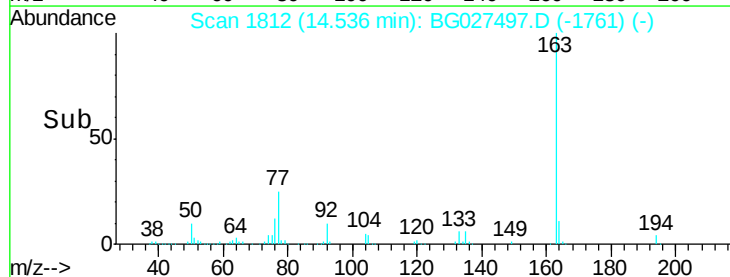
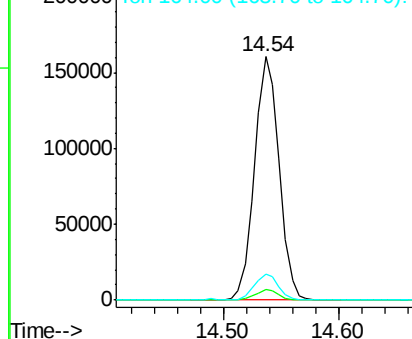
163 100

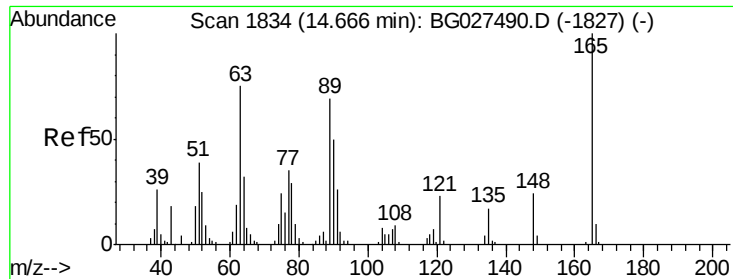
194 4.2 3.4 5.0

164 10.5 9.0 13.4



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

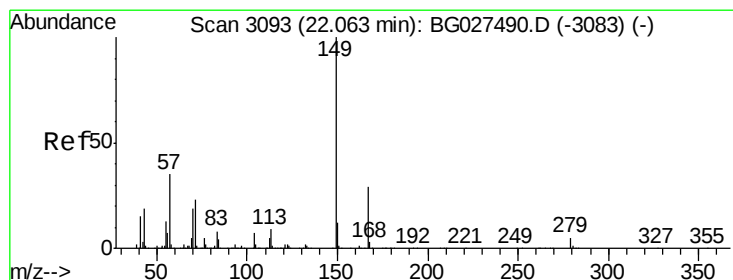
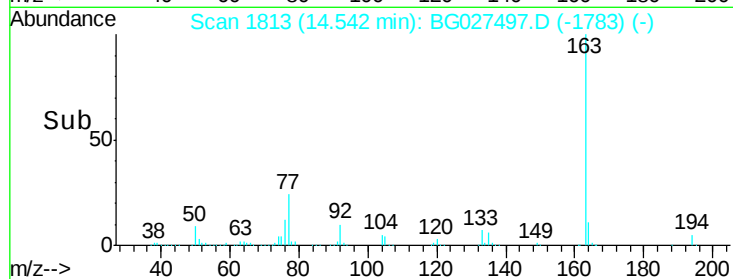
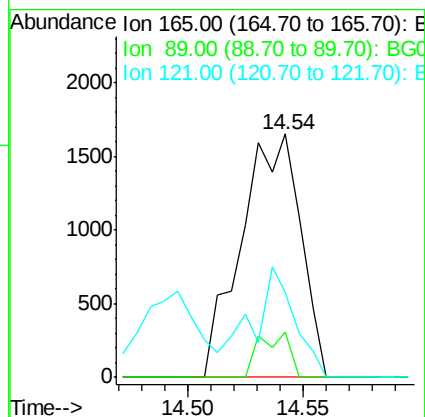
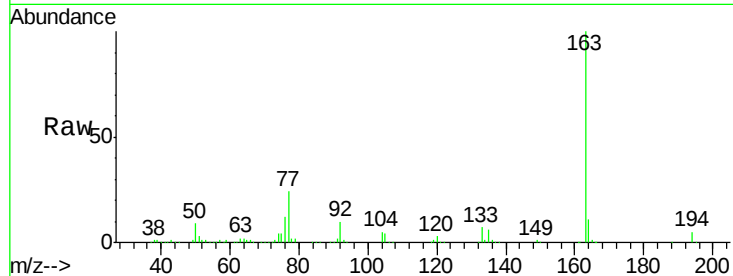




#45
 2,6-Dinitrotoluene
 Concen: 1.24 ng/ul
 RT: 14.54 min Scan# 1813
 Delta R.T. -0.12 min
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Tgt Ion:165 Resp: 2952
 Ion Ratio Lower Upper
 165 100
 89 18.8 52.9 79.3#
 121 35.1 22.2 33.4#



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 21.04 ng/ul
 RT: 22.06 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BG027497.D
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Tgt Ion:149 Resp: 252536
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.8 32.8
 279 4.7 4.5 6.7

