

Data File : BG027496.D
Acq On : 17 Jun 2017 7:16
Operator : SJ/MA
Sample : I3600-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A15

Quant Time: Jun 19 00:57:39 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	53283	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	270693	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	176584	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	420416	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	445816	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	429954	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	6107	4.58	ng/uL	0.00
5) Phenol-d5	7.65	99	18923	3.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	51729	13.13	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	42884	11.23	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	33807	7.48	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	24685	12.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	27550	13.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	49034	12.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.48	131	1294	0.26	ng/ul	0.02
43) Dimethylphthalate-d6	14.49	166	202522	13.70	ng/ul	0.00
46) Acenaphthylene-d8	14.81	160	224646	13.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	6507	2.25	ng/ul	0.01
57) Fluorene-d10	16.09	176	181979	13.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	28993	11.10	ng/ul	0.00
70) Anthracene-d10	17.95	188	294838	15.04	ng/ul	0.00
76) Pyrene-d10	20.22	212	326066	14.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	288850	14.92	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.68	94	26086	4.31	ng/ul#	82
44) Dimethylphthalate	14.54	163	362532	24.72	ng/ul	98
45) 2,6-Dinitrotoluene	14.53	165	4354	1.59	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	22.06	149	417238	29.25	ng/ul	98

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

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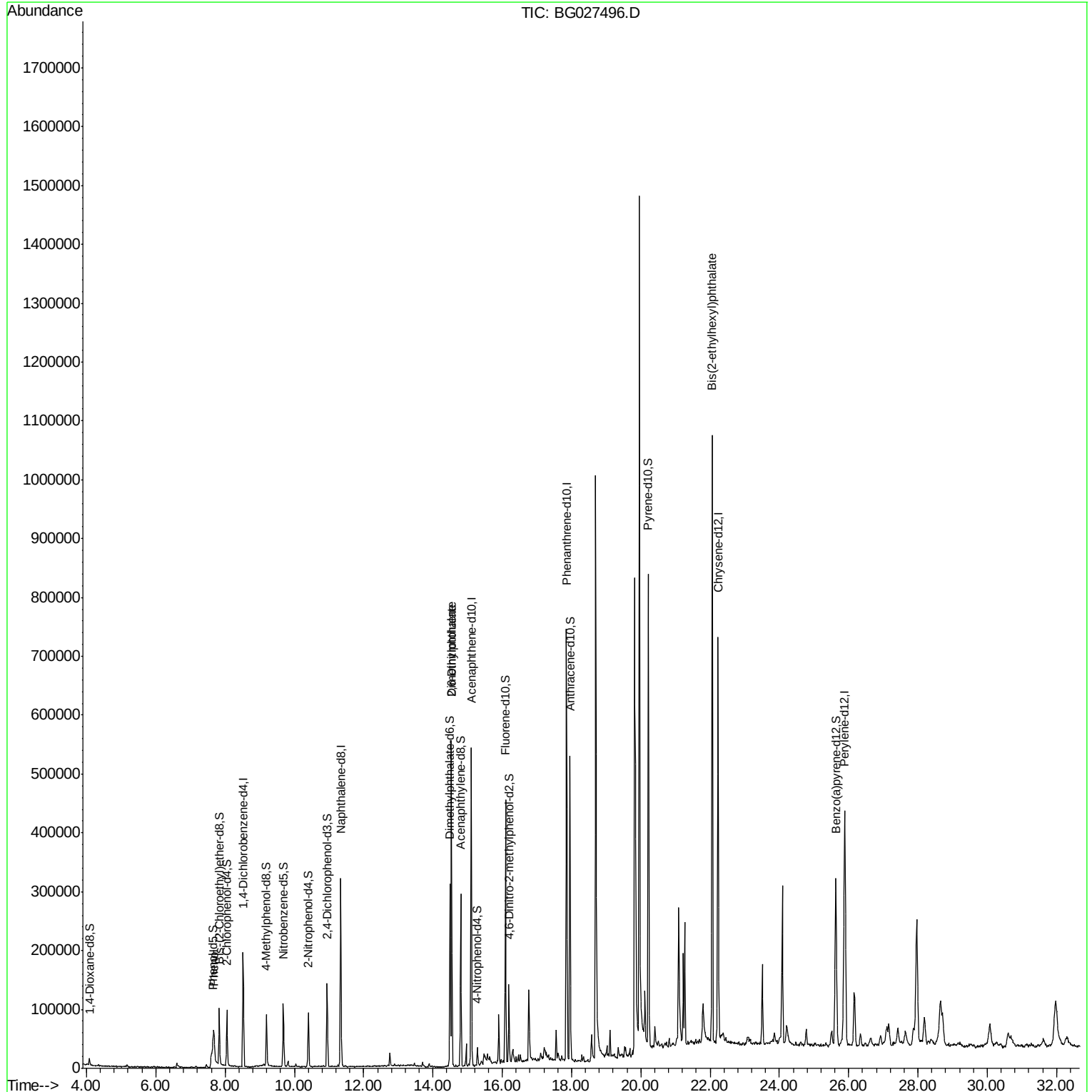
Quant Time: Jun 19 00:57:39 2017

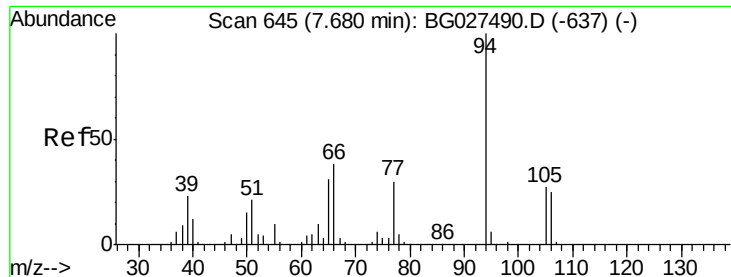
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

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#6

Phenol

Concen: 4.31 ng/ul

RT: 7.68 min Scan# 646

Delta R.T. 0.00 min

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ClientSampleId :

F5A15

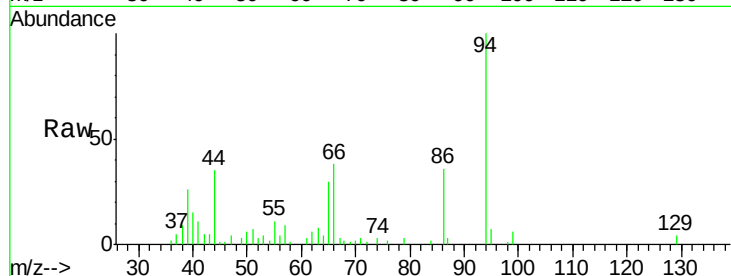
Tgt Ion: 94 Resp: 26086

Ion Ratio Lower Upper

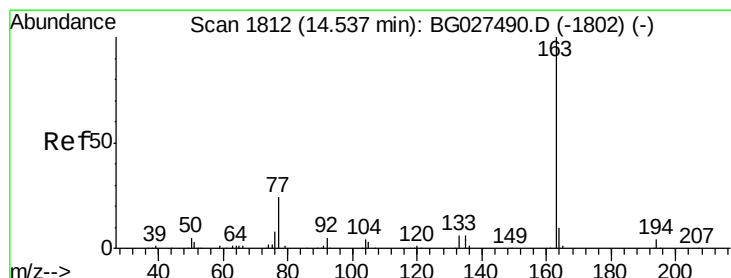
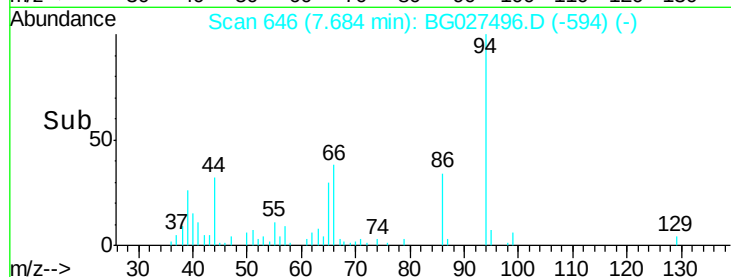
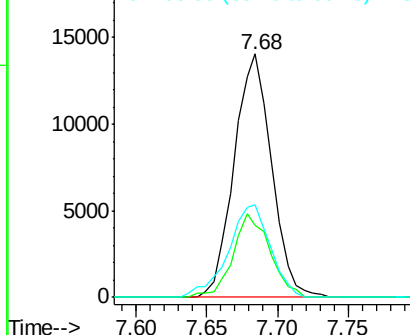
94 100

65 29.7 26.8 40.2

66 37.8 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: 24.72 ng/ul

RT: 14.54 min Scan# 1813

Delta R.T. 0.00 min

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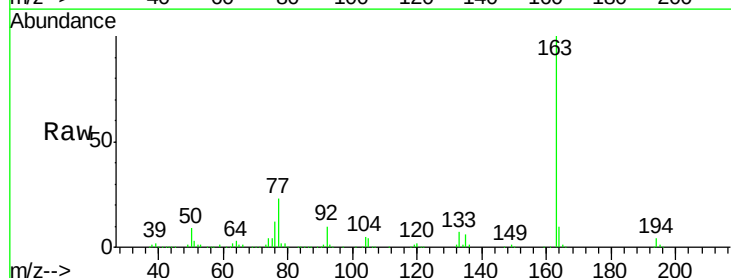
Tgt Ion: 163 Resp: 362532

Ion Ratio Lower Upper

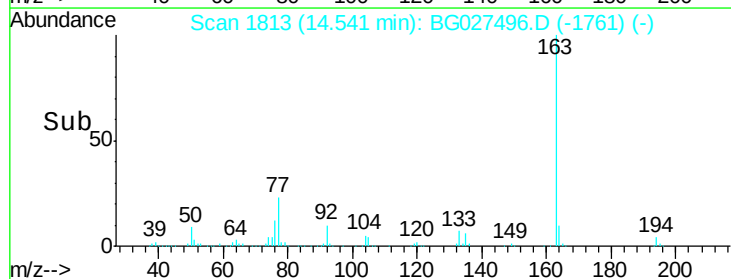
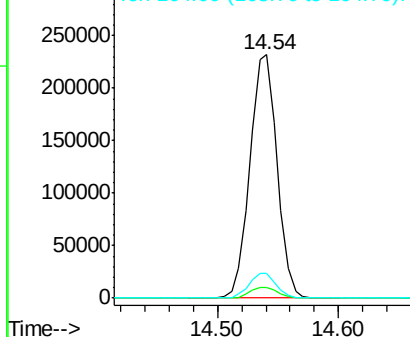
163 100

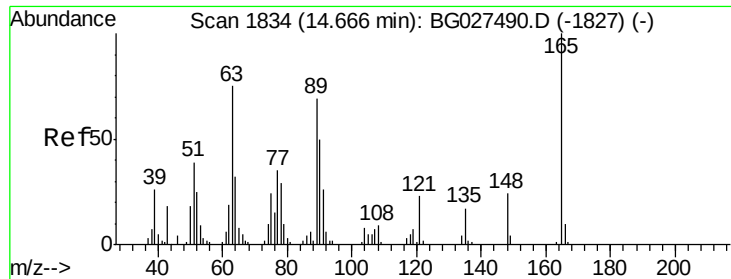
194 4.4 3.4 5.0

164 10.4 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

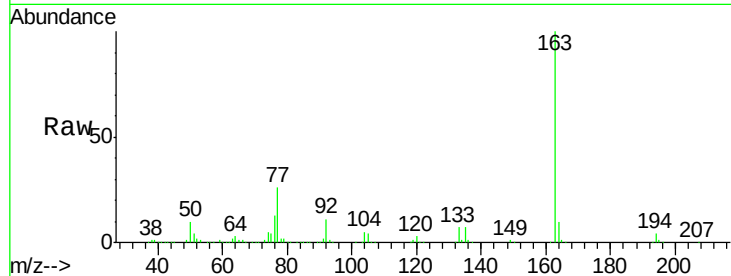




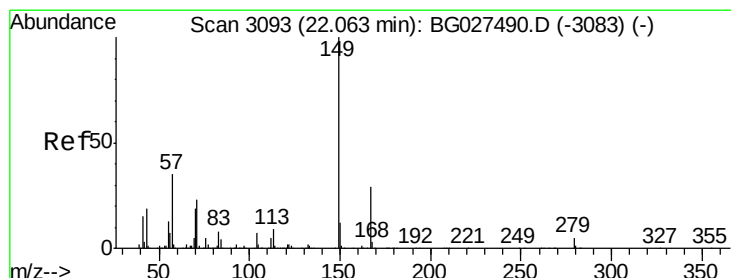
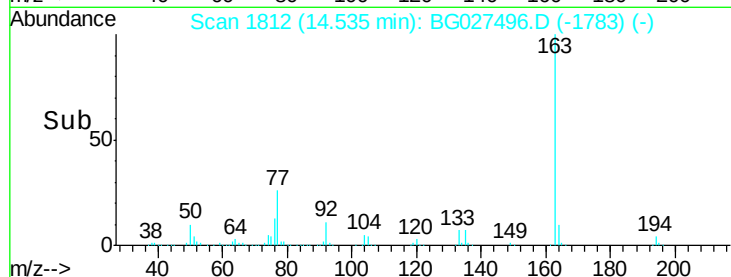
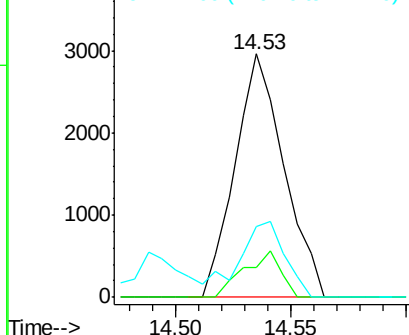
#45
 2,6-Dinitrotoluene
 Concen: 1.59 ng/ul
 RT: 14.53 min Scan# 1812
 Delta R.T. -0.13 min
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Tgt Ion:165 Resp: 4354
 Ion Ratio Lower Upper
 165 100
 89 12.1 52.9 79.3#
 121 29.0 22.2 33.4

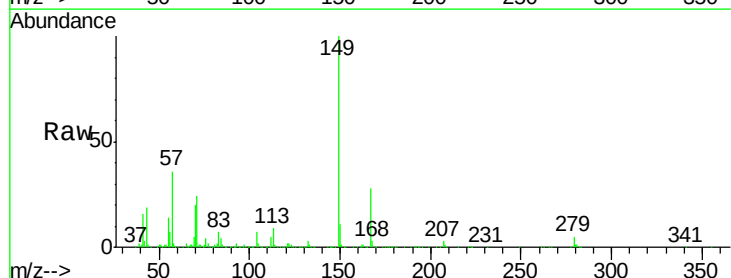


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BGO
 Ion 121.00 (120.70 to 121.70): E



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 29.25 ng/ul
 RT: 22.06 min Scan# 3093
 Delta R.T. -0.00 min
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Tgt Ion:149 Resp: 417238
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.8 32.8
 279 4.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

