Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG025000.D
Acq On : 7 Dec 2016 4:18
Operator : UM/SJ
Sample : H5843-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

Quant Time: Dec 07 05:43:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 03:17:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	102304	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	417385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	360077	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	828355	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1102751	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1117829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2910	1.47	ng/uL	0.00
5) Phenol-d5	7.38	99	55202	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	114789	21.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	110549	17.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	96277	13.05	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	70286	23.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	83212	22.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	146237	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	698	0.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	597793	24.14	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	624605	23.02	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	33377	7.84	ng/ul	0.00
57) Fluorene-d10	15.85	176	545981	23.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	142931	27.91	ng/ul	0.00
70) Anthracene-d10	17.71	188	991632	28.36	ng/ul	0.00
76) Pyrene-d10	19.97	212	1308414	28.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1359824	30.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	17839	1.97	ng/ul#	85
44) Dimethylphthalate	14.30	163	45293	1.86	ng/ul#	94
56) Diethylphthalate	15.65	149	28781	1.12	ng/ul#	93

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

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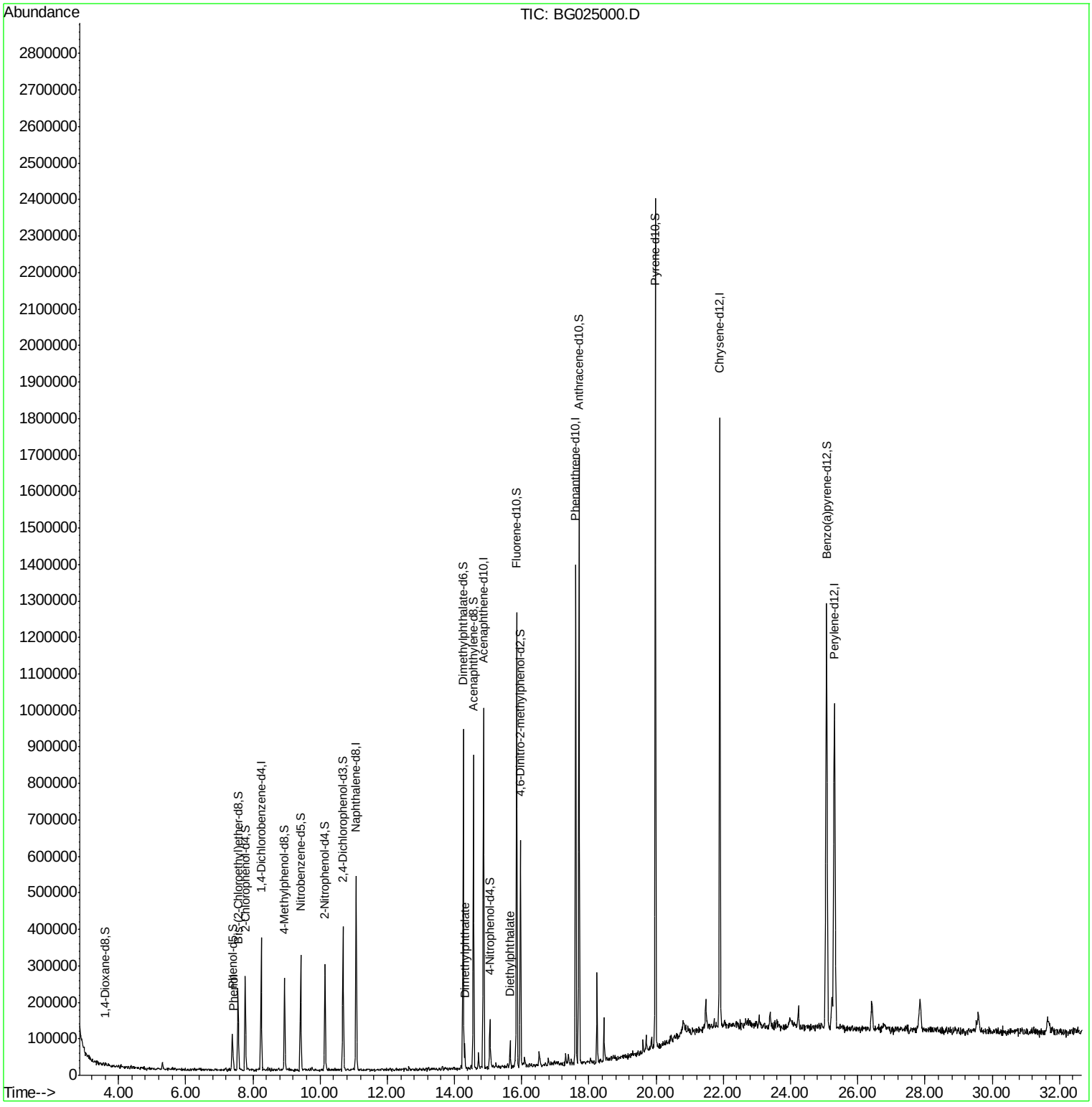
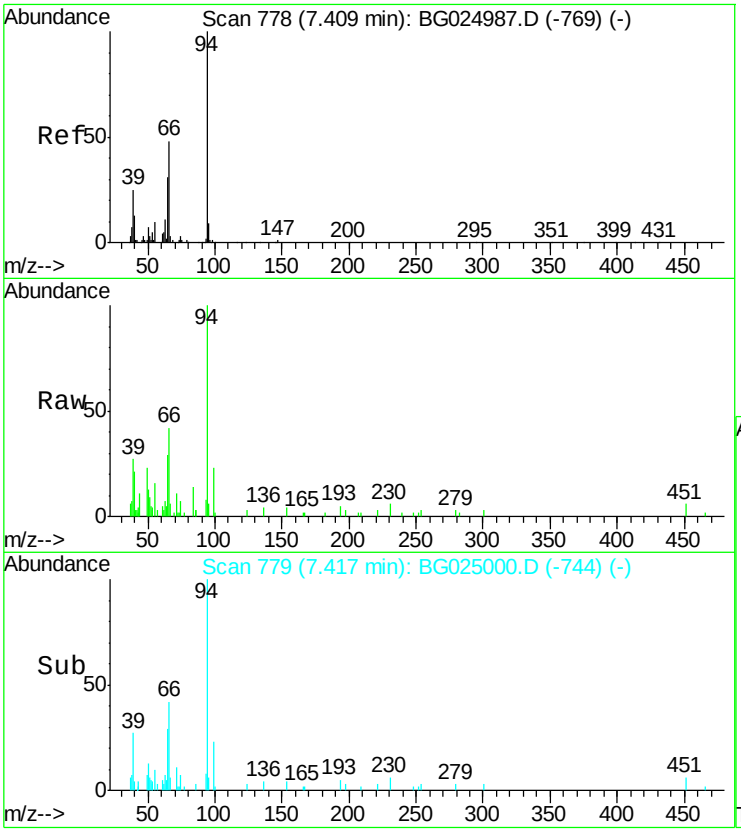


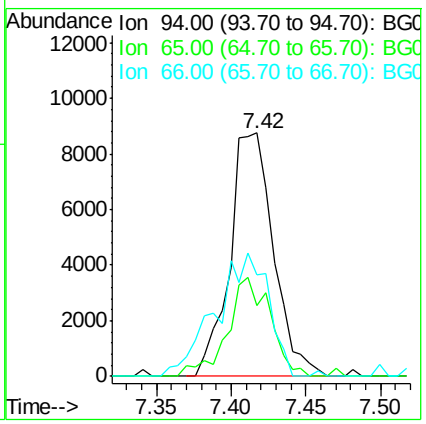


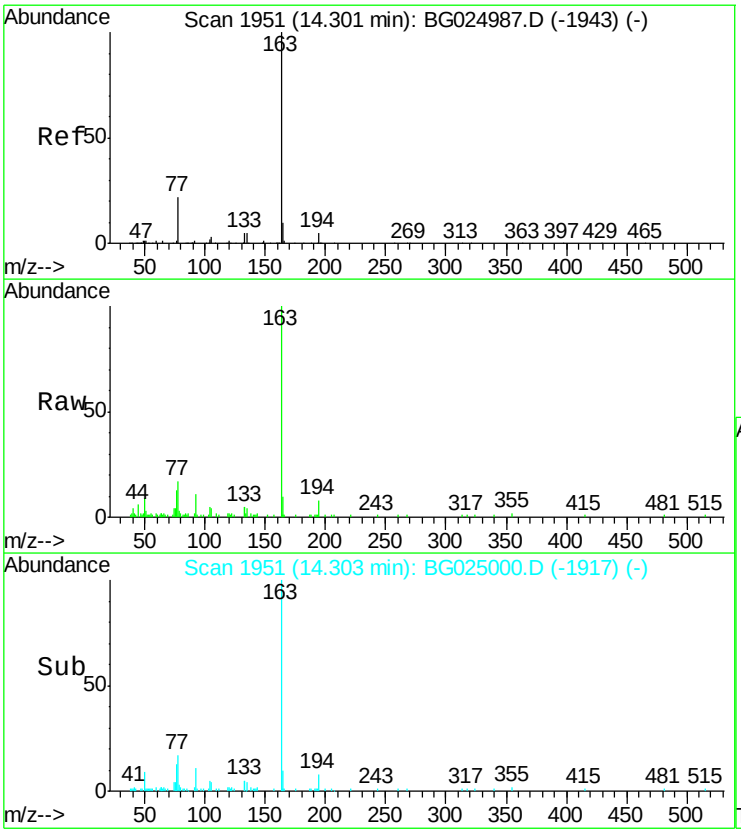
#6
Phenol
Concen: 1.97 ng/ul
RT: 7.42 min Scan# 779
Delta R.T. 0.01 min
Lab File: BG025000.D
Acq: 7 Dec 2016 4:18

Instrument :
BNA_G
ClientSampleId :
C0AJ8

Tgt Ion: 94 Resp: 17839

Ion	Ratio	Lower	Upper
94	100		
65	28.9	26.8	40.2
66	41.6	44.4	66.6#

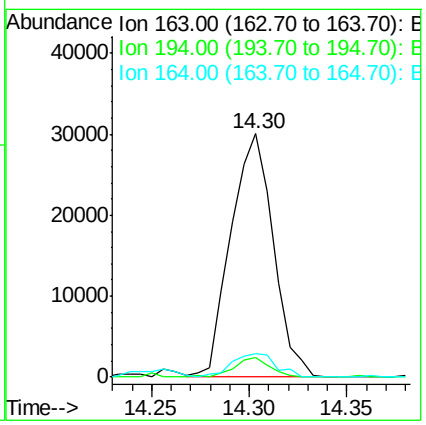


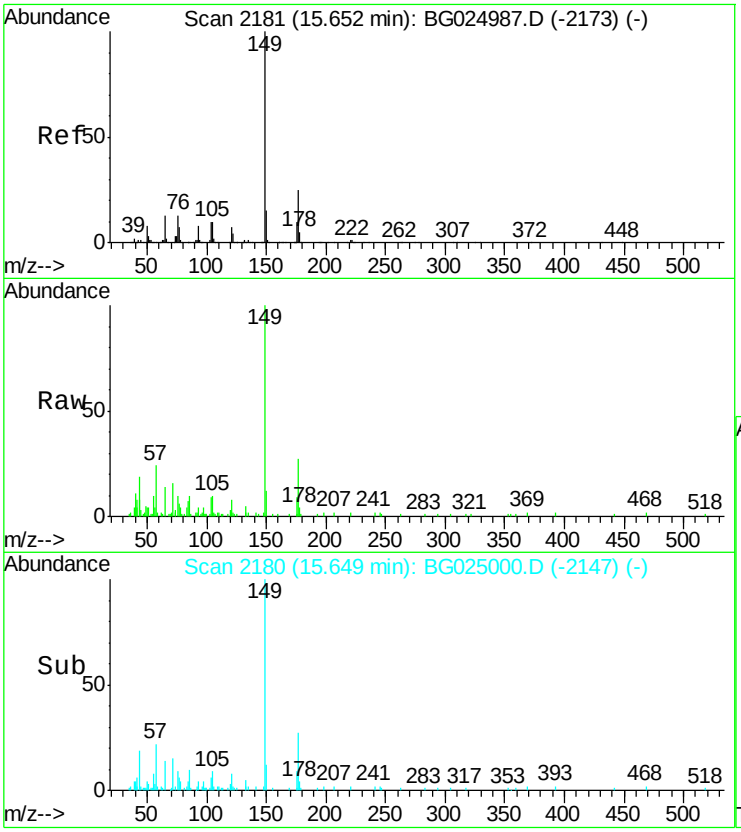


#44
Dimethylphthalate
Concen: 1.86 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG025000.D
Acq: 7 Dec 2016 4:18

Tgt Ion:163 Resp: 45293

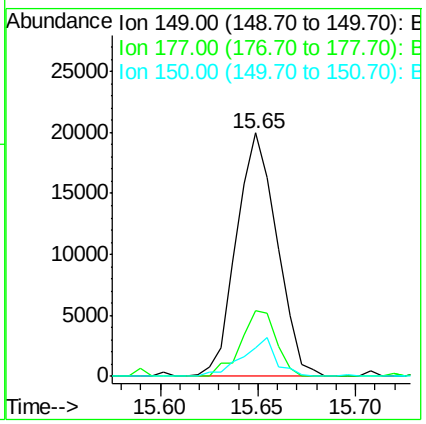
Ion	Ratio	Lower	Upper
163	100		
194	8.1	3.4	5.0#
164	9.9	9.0	13.4





#56
Diethylphthalate
Concen: 1.12 ng/ul
RT: 15.65 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG025000.D
Acq: 7 Dec 2016 4:18

Instrument :
BNA_G
ClientSampleId :
C0AJ8

Tgt Ion:149 Resp: 28781

Ion	Ratio	Lower	Upper
149	100		
177	27.2	17.8	26.8#
150	11.9	10.2	15.4