Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042156.D
Acq On : 12 Aug 2019 21:34
Operator : HP/JU
Sample : K4161-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOE8

Quant Time: Aug 13 12:52:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	92701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	377216	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	257961	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	538580	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	548677	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	614223	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	10697	5.05	ng/uL	0.00
5) Phenol-d5	7.18	99	72901	10.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	118356	29.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	188071	30.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	126379	20.69	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	107261	37.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	132450	40.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	244330	36.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	58104	7.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	741488	37.06	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	832593	36.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	30695	9.14	ng/ul	0.00
57) Fluorene-d10	15.68	176	654582	36.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	119265	34.51	ng/ul	0.00
70) Anthracene-d10	17.54	188	988010	38.24	ng/ul	0.00
78) Pyrene-d10	19.83	212	1116499	36.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1301887	40.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	2786	1.269	ng/uL#	81
6) Phenol	7.21	94	10867	1.447	ng/ul#	91
44) Dimethylphthalate	14.13	163	54680	2.753	ng/ul	97

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

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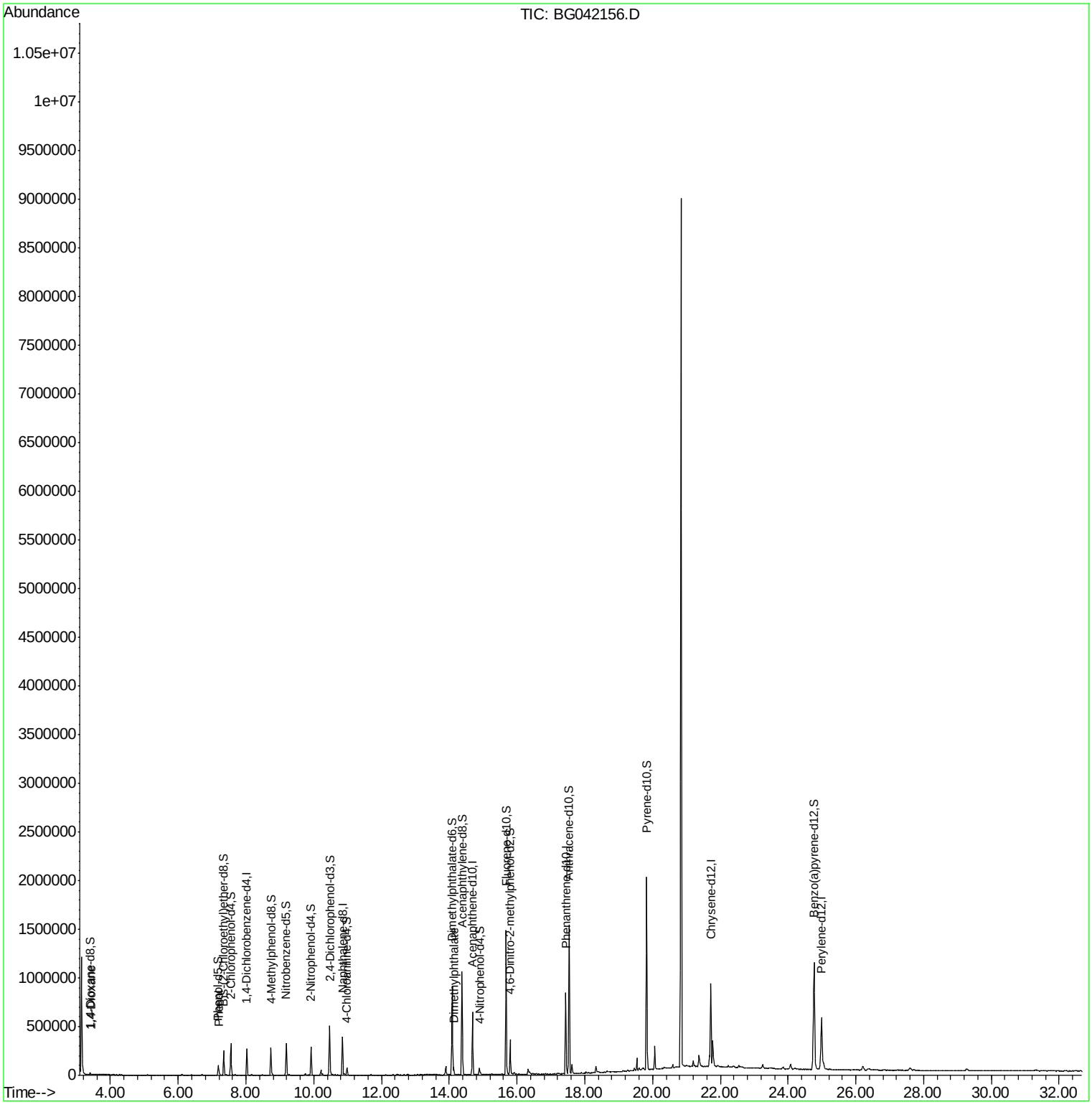
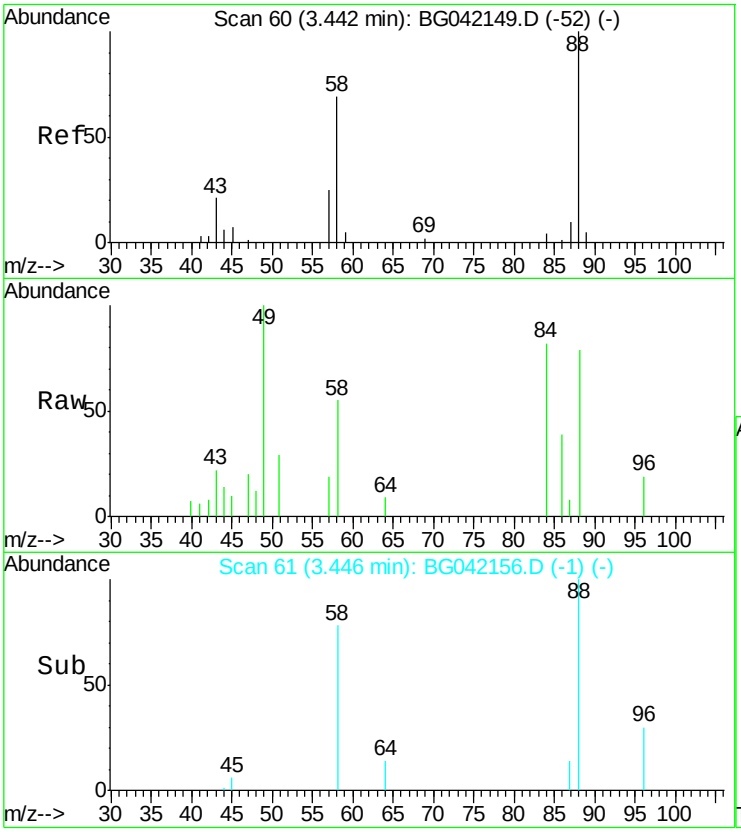


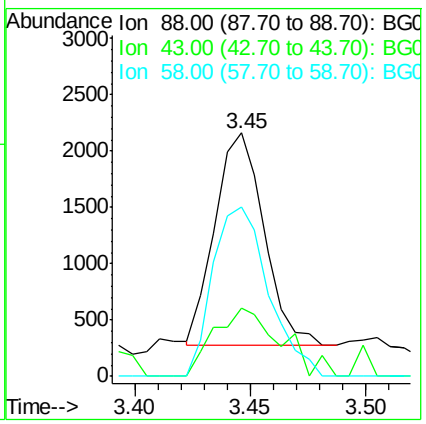


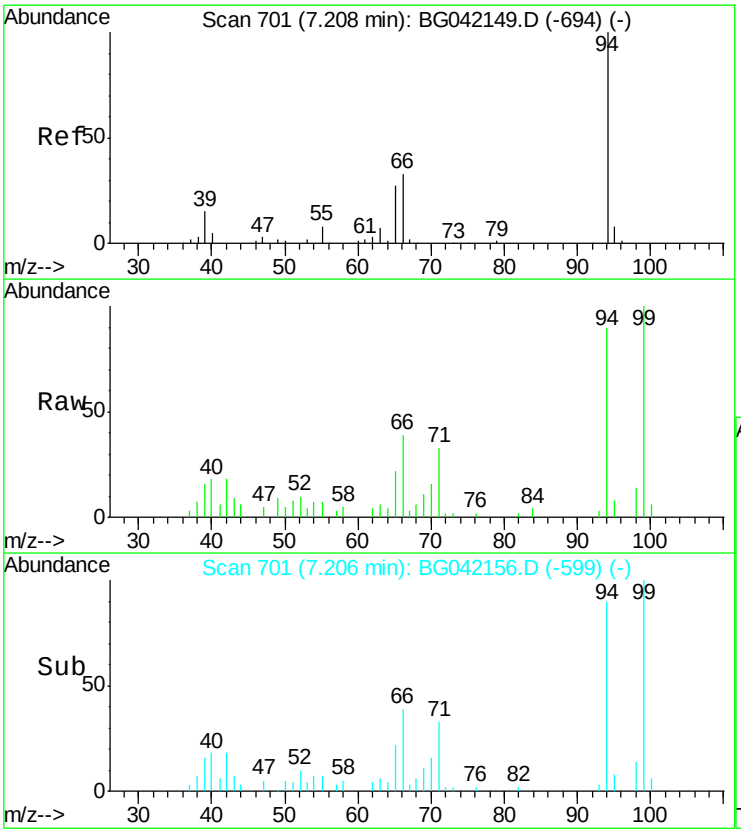
#2
1,4-Dioxane
Concen: 1.269 ng/uL
RT: 3.45 min Scan# 61
Delta R.T. 0.00 min
Lab File: BG042156.D
Acq: 12 Aug 2019 21:34

Instrument :
BNA_G
ClientSampleId :
ETOE8

Tgt Ion: 88 Resp: 2786

Ion	Ratio	Lower	Upper
88	100		
43	27.9	36.3	54.5#
58	69.5	66.0	99.0

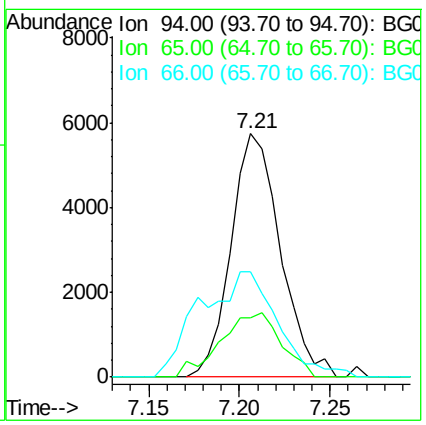


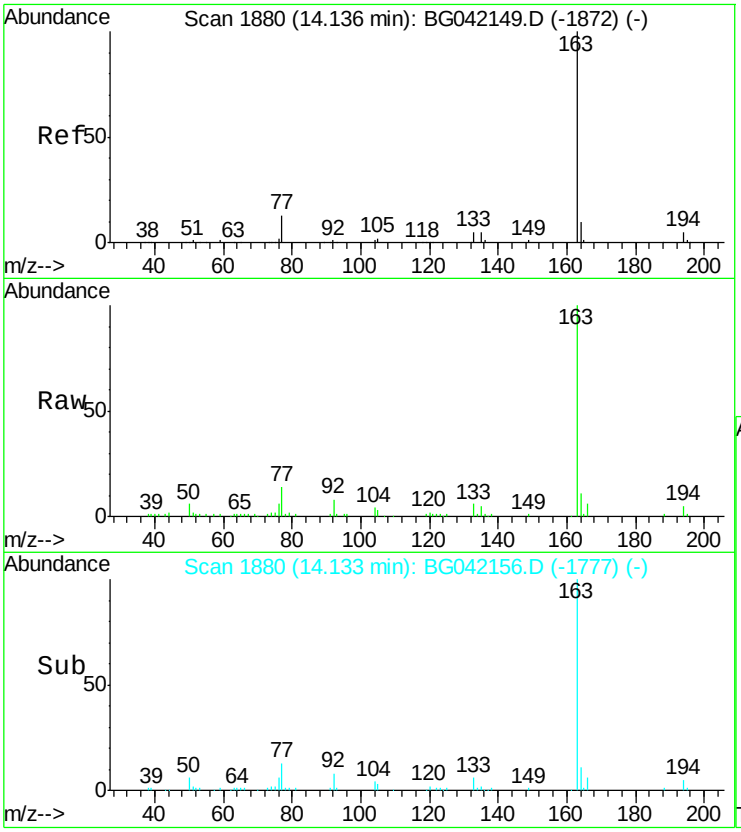


#6
Phenol
Concen: 1.447 ng/ul
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG042156.D
Acq: 12 Aug 2019 21:34

Tgt Ion: 94 Resp: 10867

Ion	Ratio	Lower	Upper
94	100		
65	24.3	25.8	38.6#
66	43.3	31.8	47.8





#44
Dimethylphthalate
Concen: 2.753 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042156.D
Acq: 12 Aug 2019 21:34

Instrument :
BNA_G
ClientSampleId :
ETOE8

Tgt Ion:163 Resp: 54680

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	11.1	7.8	11.8