Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023583.D
Acq On : 10 Aug 2016 8:12
Operator : UM/SJ
Sample : H4362-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-1218-01

Manual Integrations APPROVED
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8/10/2016 7:43:19 PM

Quant Time: Aug 10 17:41:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	173230	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	819349	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	596624	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1428900	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1412926	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1380907	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	6837	1.68	ng/uL	0.00
5) Phenol-d5	7.27	99	386310	22.14	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	244460	21.86	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	264706	22.23	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	282590	20.74	ng/ul	-0.02
19) Nitrobenzene-d5	9.28	128	140752m	21.79	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	163982	22.11	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	309522	22.12	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	332707	20.27	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	1064384	21.79	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	1239123	22.54	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	183291	21.98	ng/ul	0.00
57) Fluorene-d10	15.78	176	975985	21.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	190819	20.82	ng/ul	0.00
70) Anthracene-d10	17.65	188	1520570	23.62	ng/ul	0.00
76) Pyrene-d10	19.94	212	1652988	23.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1473336	23.57	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.29	94	18645	1.03	ng/ul#	26
44) Dimethylphthalate	14.22	163	810483	16.76	ng/ul	99
74) Fluoranthene	19.60	202	122118	1.61	ng/ul#	92
77) Pyrene	19.97	202	116251	1.33	ng/ul#	91

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

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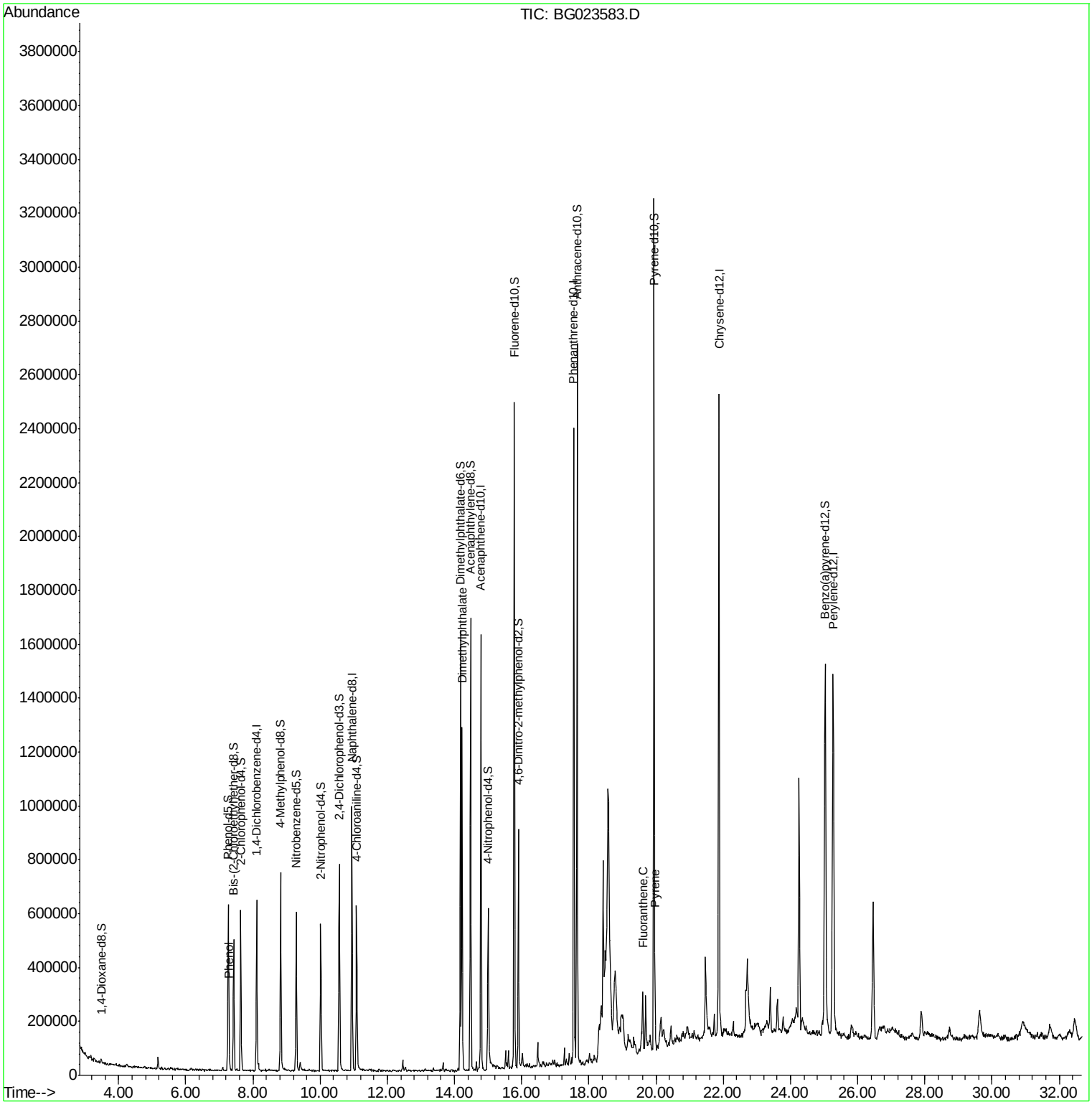
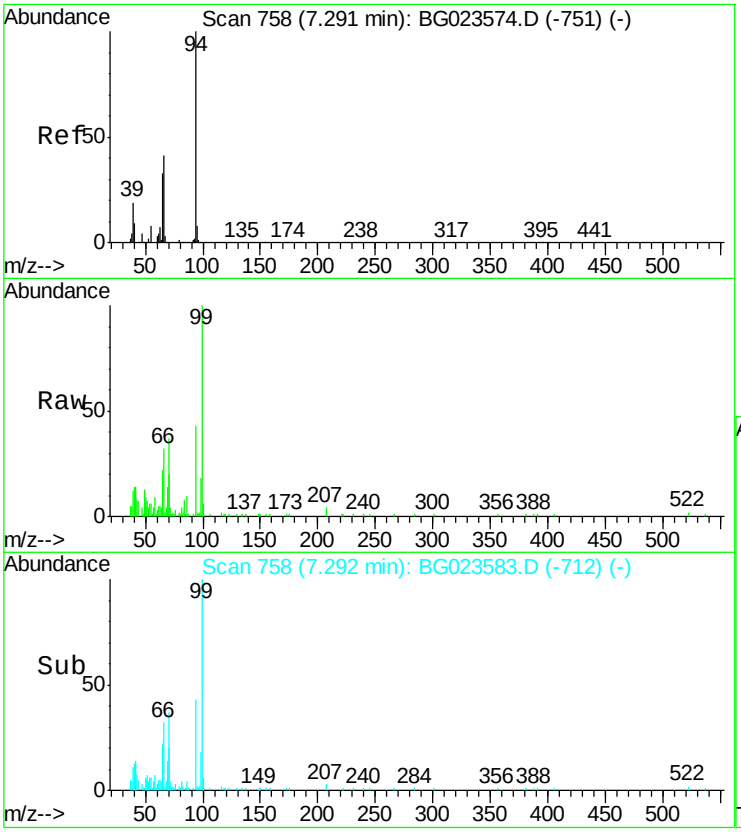
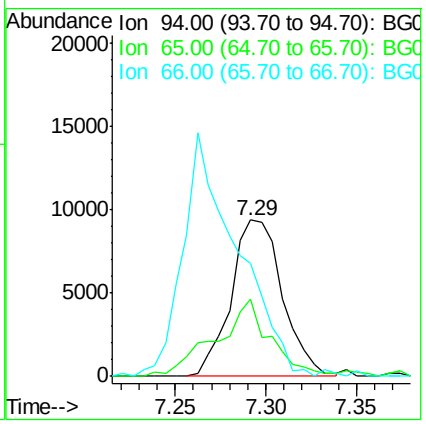




#6
Phenol
Concen: 1.03 ng/ul
RT: 7.29 min Scan# 758
Delta R.T. -0.03 min
Lab File: BG023583.D
Acq: 10 Aug 2016 8:12

Tgt Ion: 94 Resp: 18645

Ion	Ratio	Lower	Upper
94	100		
65	49.5	16.8	25.2#
66	72.7	22.6	33.8#



Instrument :
BNA_G
ClientSampleId :
PR001-SS006-1218-01

Manual Integrations APPROVED
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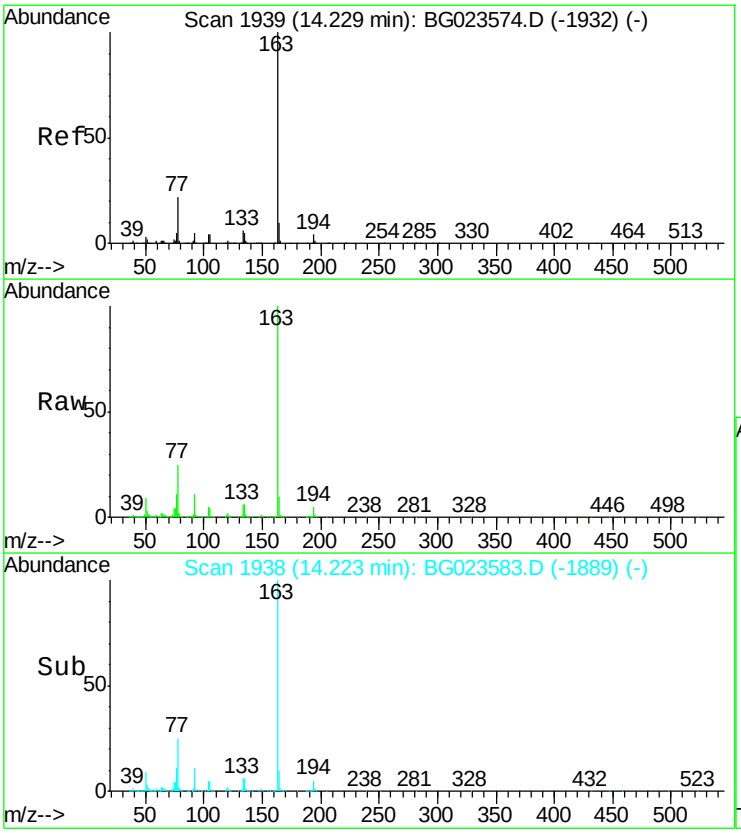
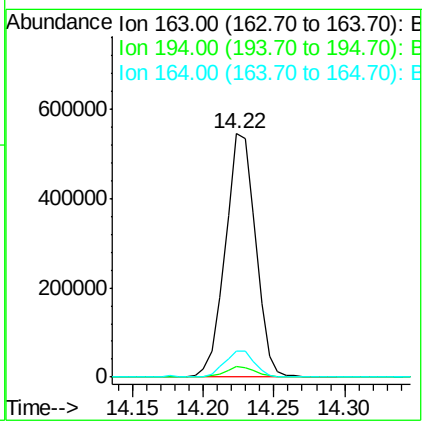
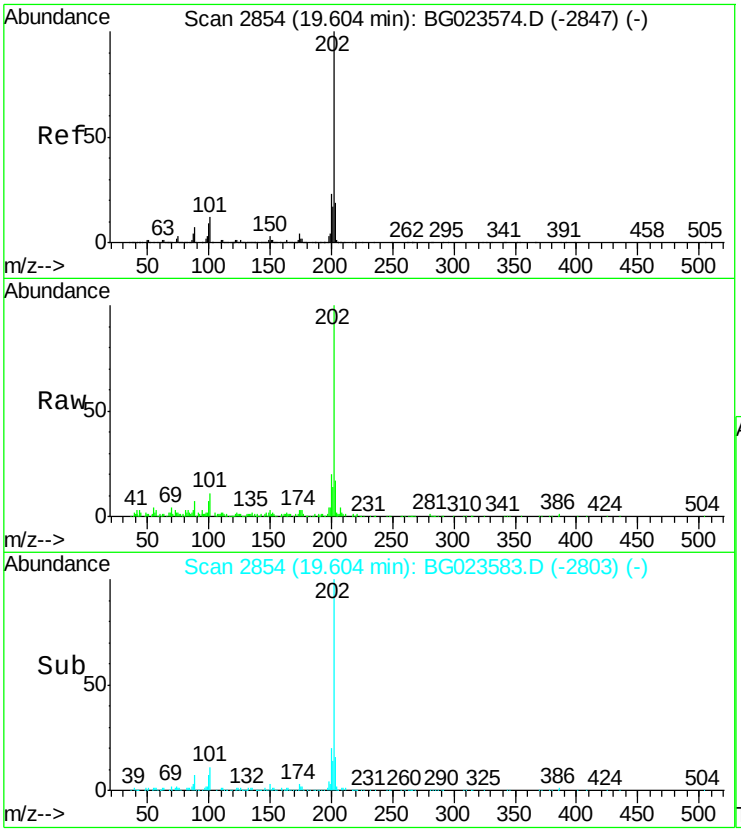


#44
Dimethylphthalate
Concen: 16.76 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023583.D
Acq: 10 Aug 2016 8:12

Tgt Ion:163 Resp: 810483

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.5	8.8	13.2





#74
Fluoranthene
Concen: 1.61 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023583.D
Acq: 10 Aug 2016 8:12

Tgt Ion:202 Resp: 122118

Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.6	16.0
100	6.9	8.7	13.1#

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-1218-01

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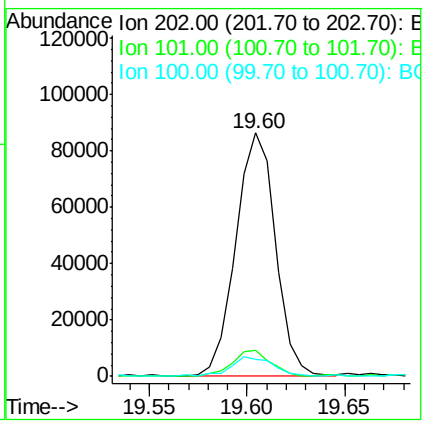

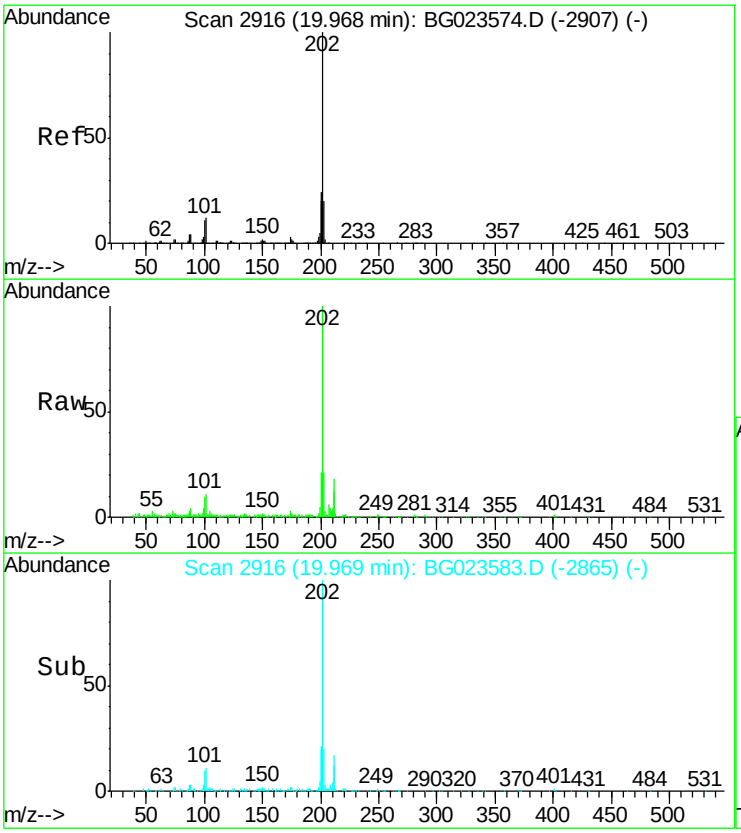

#77
Pyrene
Concen: 1.33 ng/ul
RT: 19.97 min Scan# 2916
Delta R.T. 0.00 min
Lab File: BG023583.D
Acq: 10 Aug 2016 8:12

Tgt Ion:202 Resp: 116251

Ion	Ratio	Lower	Upper
202	100		
101	11.2	12.5	18.7#
100	10.1	10.2	15.4#