Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025141.D
Acq On : 13 Dec 2016 8:33
Operator : UM/SJ
Sample : H5992-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P036-SS012-0106-03

Quant Time: Dec 13 10:34:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	121607	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	510572	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	376685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	710313	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	816356	20.00	ng/ul	0.02
83) Perylene-d12	25.35	264	761729	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	11993	5.09	ng/uL	0.00
5) Phenol-d5	7.40	99	292891	27.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	193657	29.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	215326	29.35	ng/ul	0.02
13) 4-Methylphenol-d8	8.95	113	226385	25.82	ng/ul	0.02
19) Nitrobenzene-d5	9.43	128	111395	30.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	128944	28.61	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.69	165	245257	28.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	216452	25.41	ng/ul	0.02
43) Dimethylphthalate-d6	14.26	166	743934	28.71	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	871165	30.70	ng/ul	0.02
51) 4-Nitrophenol-d4	15.08	143	106565	23.93	ng/ul	0.02
57) Fluorene-d10	15.86	176	671984	27.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	76712	17.47	ng/ul	0.02
70) Anthracene-d10	17.71	188	933991	31.15	ng/ul	0.02
76) Pyrene-d10	19.99	212	1008420	29.99	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.11	264	992404	32.15	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.43	94	51236	4.76	ng/ul#	94
44) Dimethylphthalate	14.31	163	121441	4.77	ng/ul	99
74) Fluoranthene	19.65	202	41476	1.03	ng/ul#	92
77) Pyrene	20.02	202	42333	1.08	ng/ul	98

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

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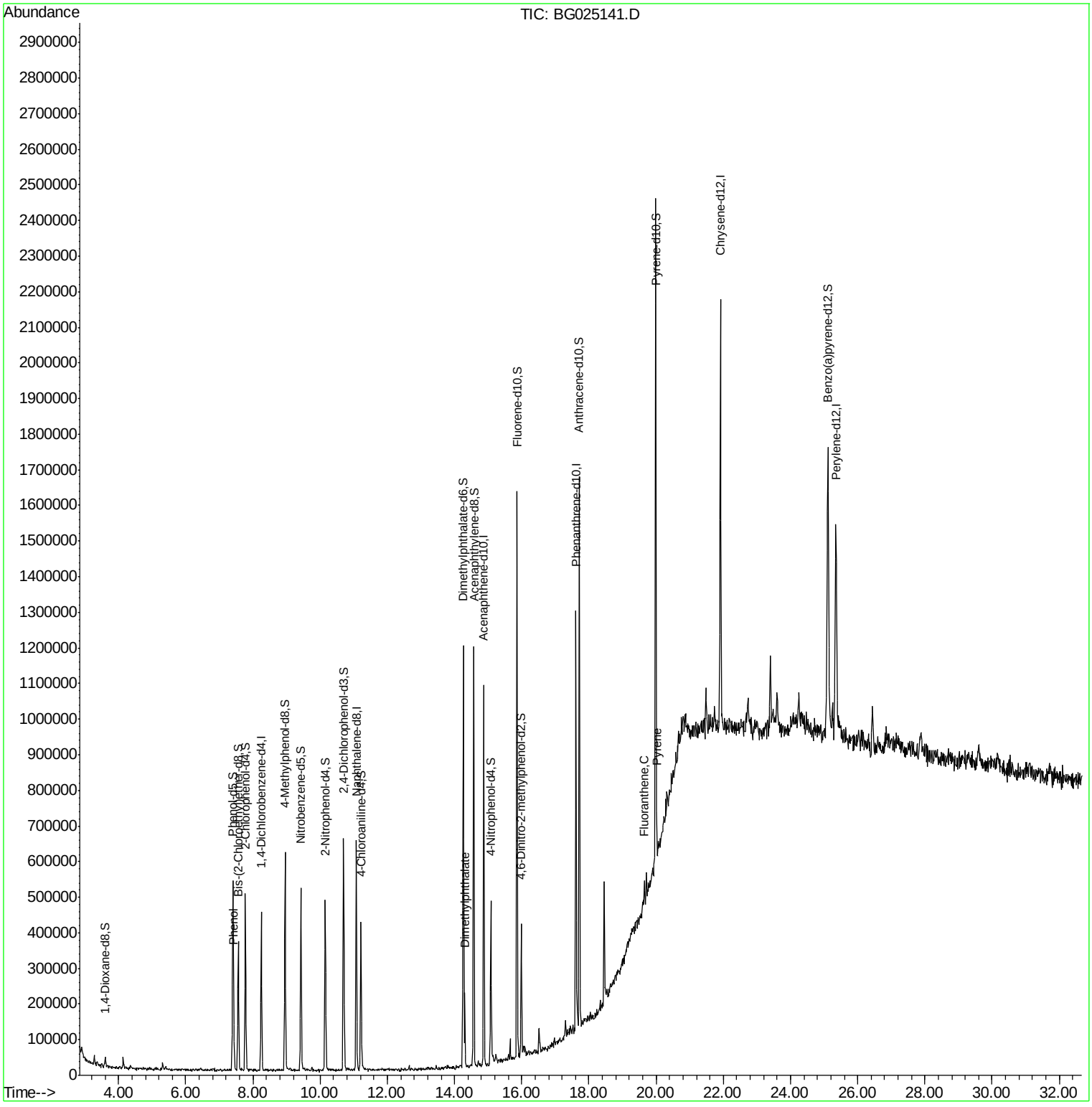
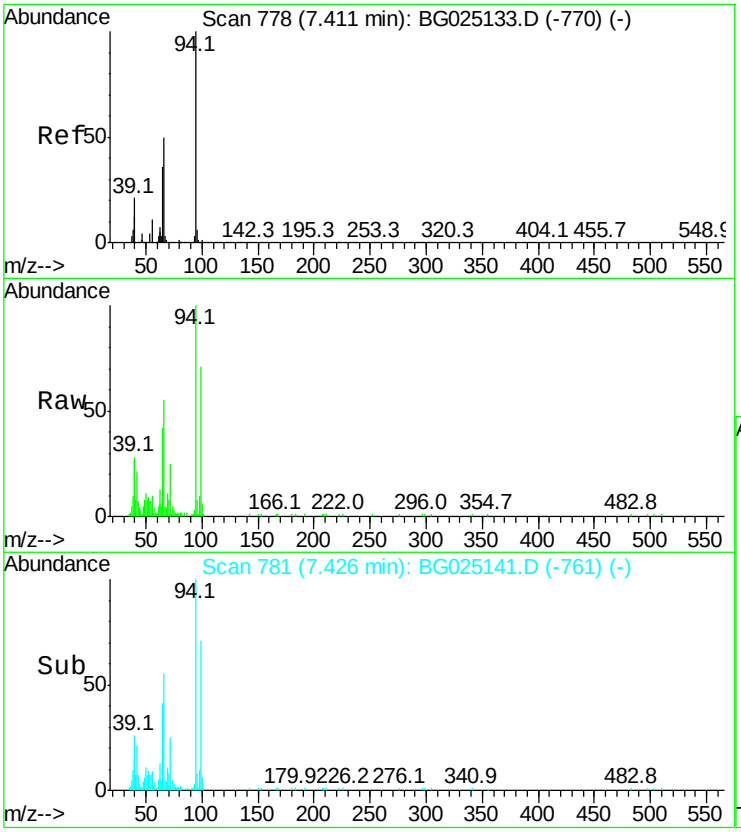


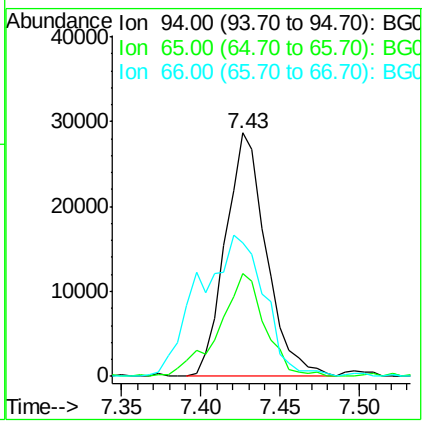


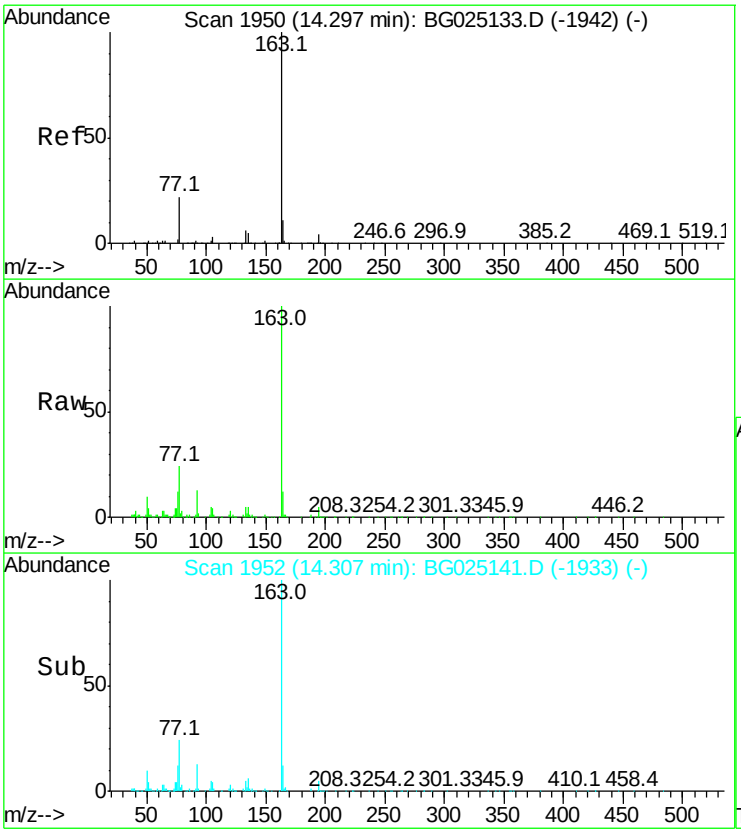
#6
Phenol
Concen: 4.76 ng/ul
RT: 7.43 min Scan# 781
Delta R.T. 0.02 min
Lab File: BG025141.D
Acq: 13 Dec 2016 8:33

Instrument :
BNA_G
ClientSampleId :
P036-SS012-0106-03

Tgt Ion: 94 Resp: 51236

Ion	Ratio	Lower	Upper
94	100		
65	42.1	26.8	40.2#
66	54.7	44.4	66.6

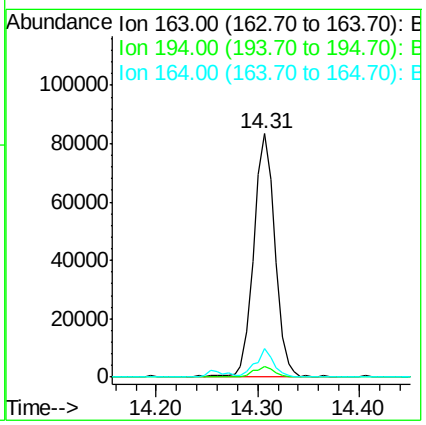


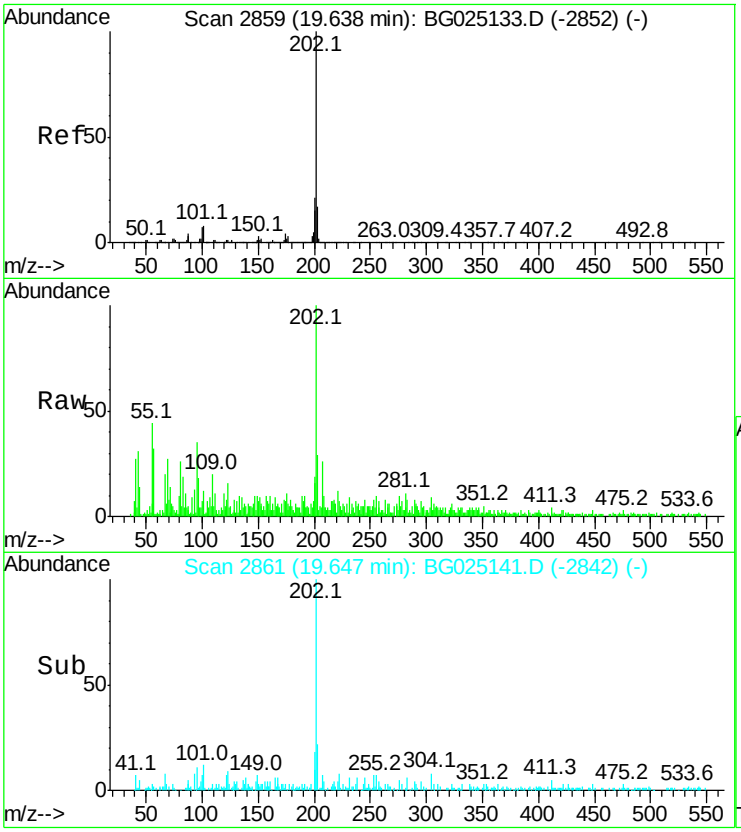


#44
Dimethylphthalate
Concen: 4.77 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025141.D
Acq: 13 Dec 2016 8:33

Tgt Ion:163 Resp: 121441

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	11.6	9.0	13.4



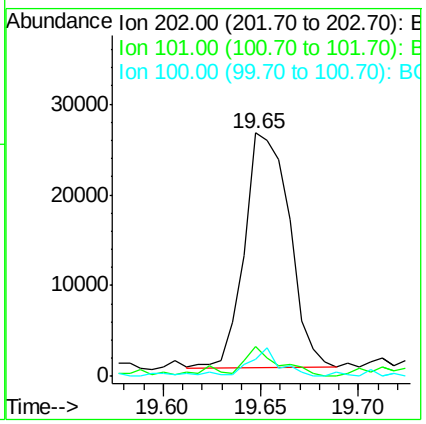


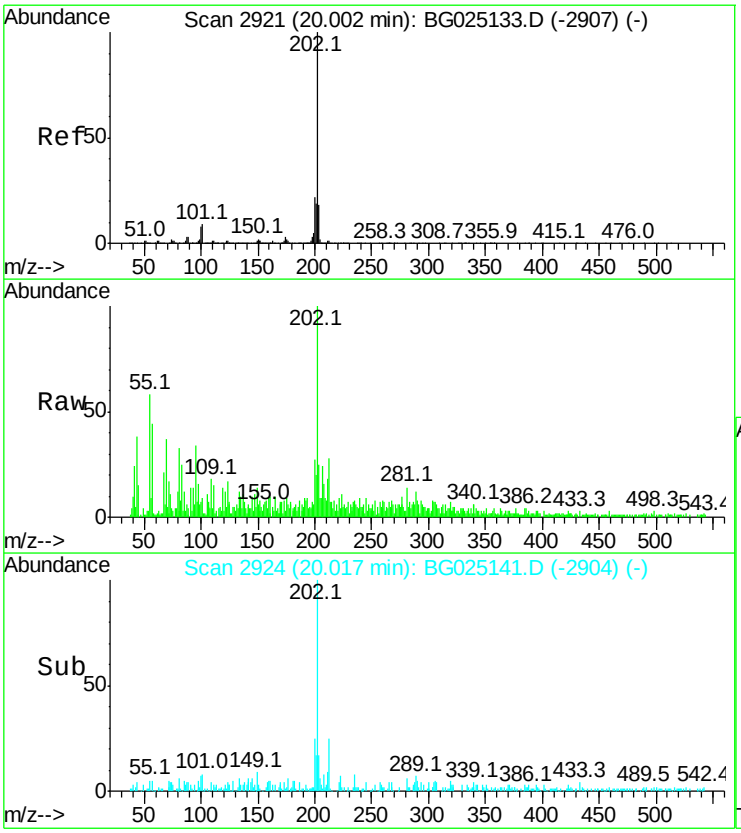
#74
Fluoranthene
Concen: 1.03 ng/ul
RT: 19.65 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BG025141.D
Acq: 13 Dec 2016 8:33

Instrument :
BNA_G
ClientSampleId :
P036-SS012-0106-03

Tgt Ion:202 Resp: 41476

Ion	Ratio	Lower	Upper
202	100		
101	12.2	6.2	9.2#
100	7.0	5.2	7.8





#77
Pyrene
Concen: 1.08 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.02 min
Lab File: BG025141.D
Acq: 13 Dec 2016 8:33

Tgt Ion:202 Resp: 42333

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	7.1	6.6	10.0