Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025343.D
Acq On : 20 Dec 2016 7:29
Operator : UM/SJ
Sample : H6069-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X9

Quant Time: Dec 27 02:28:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	63090	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	277666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	232989	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	520251	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	657669	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	698244	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	4904	4.01	ng/uL	0.00
5) Phenol-d5	7.38	99	133109	24.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	92527	27.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	99029	26.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	98850	21.73	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	53211	27.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	67036	27.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	121584	25.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	135261	29.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	509387	31.78	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	552760	31.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	48978	17.78	ng/ul	0.00
57) Fluorene-d10	15.83	176	457630	30.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	71738	22.30	ng/ul	0.00
70) Anthracene-d10	17.69	188	749196	34.12	ng/ul	0.00
76) Pyrene-d10	19.96	212	936142	34.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	947180	33.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.40	94	26260	4.70	ng/ul	98
28) Naphthalene	11.10	128	23234	1.80	ng/ul#	90
34) 2-Methylnaphthalene	12.70	142	10913	1.07	ng/ul#	74
44) Dimethylphthalate	14.28	163	140436	8.92	ng/ul	96
69) Phenanthrene	17.63	178	35462	1.43	ng/ul#	92
74) Fluoranthene	19.63	202	63110	2.14	ng/ul	99
77) Pyrene	19.99	202	61032	1.93	ng/ul#	95
82) Chrysene	21.93	228	48914	1.53	ng/ul#	87
85) Benzo(b)fluoranthene	24.21	252	89917	2.60	ng/ul#	86
88) Benzo(a)pyrene	25.14	252	66991	2.01	ng/ul#	82

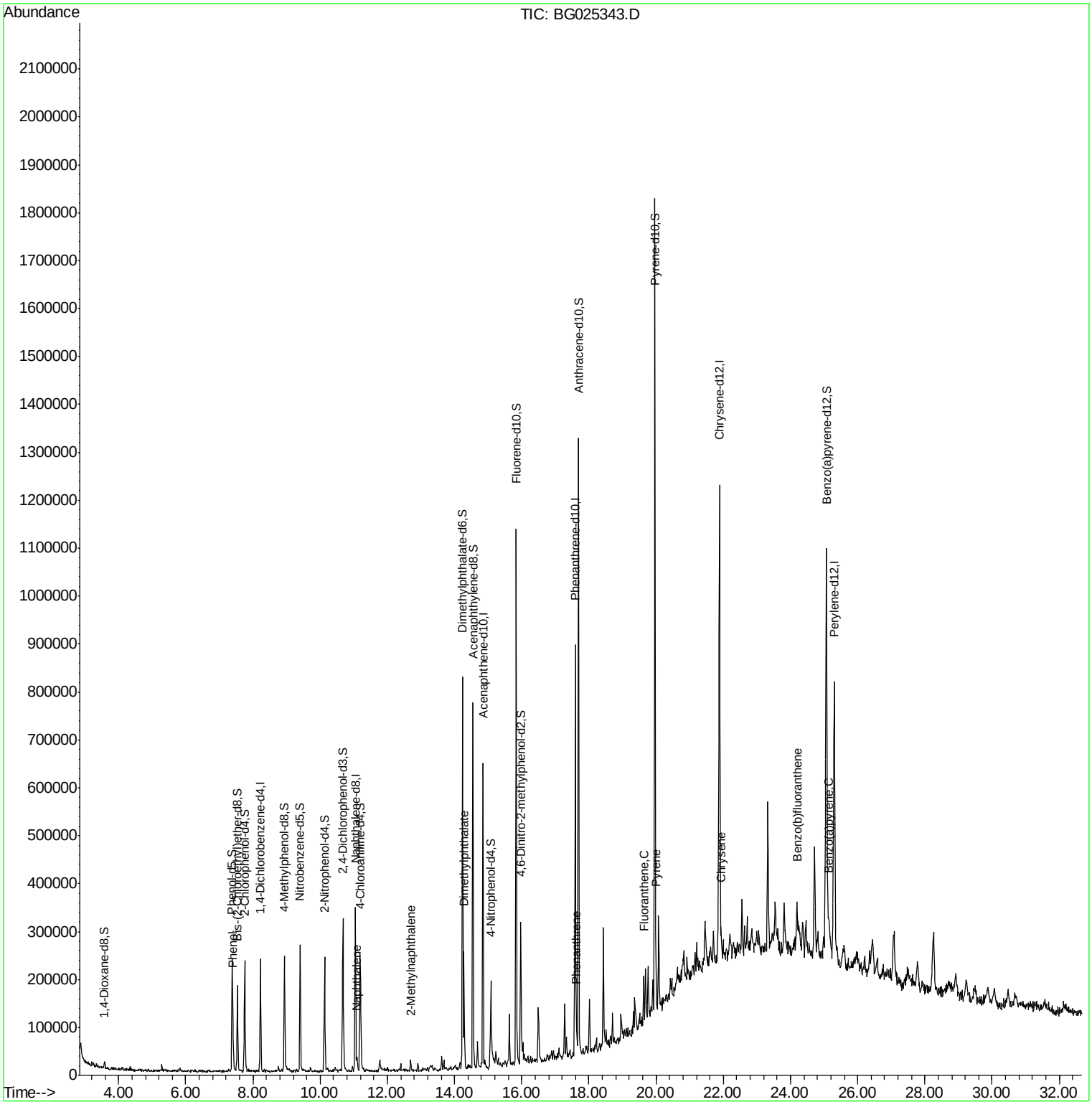
(#) = qualifier out of range (m) = manual integration (+) = signals summed

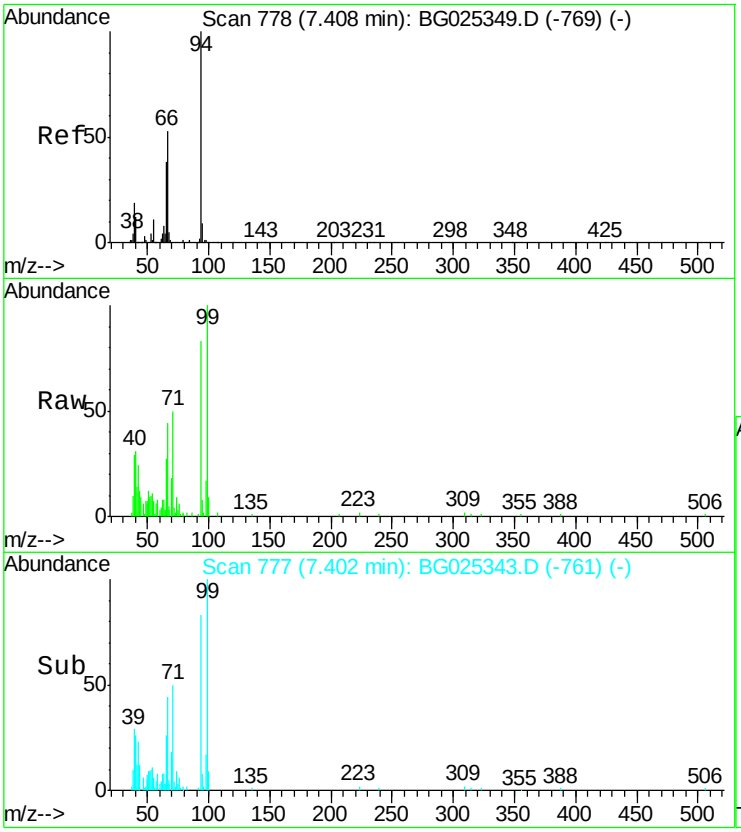
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025343.D
Acq On : 20 Dec 2016 7:29
Operator : UM/SJ
Sample : H6069-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8X9

Quant Time: Dec 27 02:28:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 03:02:46 2016
Response via : Initial Calibration



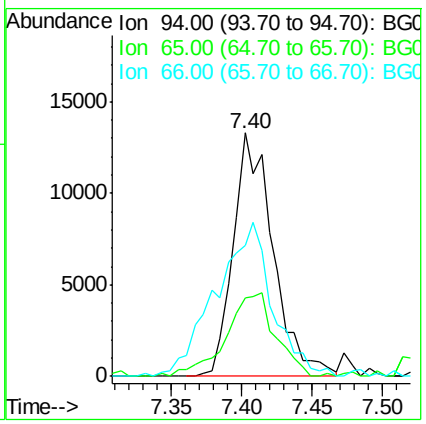


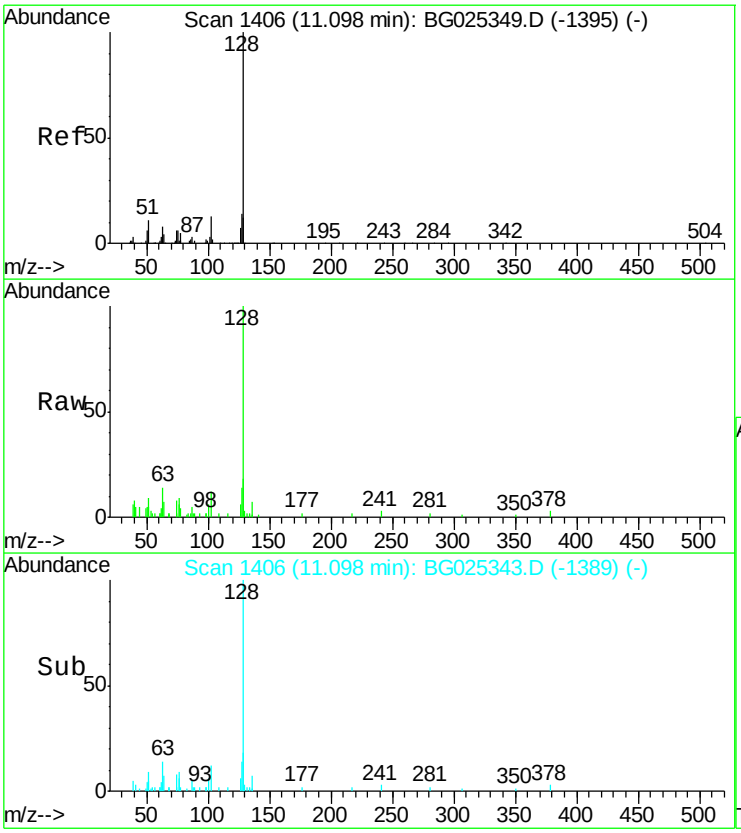
#6
Phenol
Concen: 4.70 ng/ul
RT: 7.40 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Instrument :
BNA_G
ClientSampleId :
DA8X9

Tgt Ion: 94 Resp: 26260

Ion	Ratio	Lower	Upper
94	100		
65	32.3	26.8	40.2
66	53.7	44.4	66.6

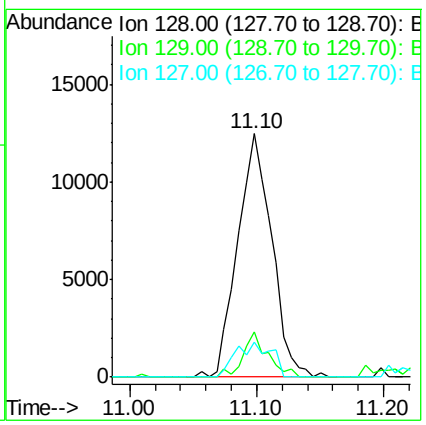


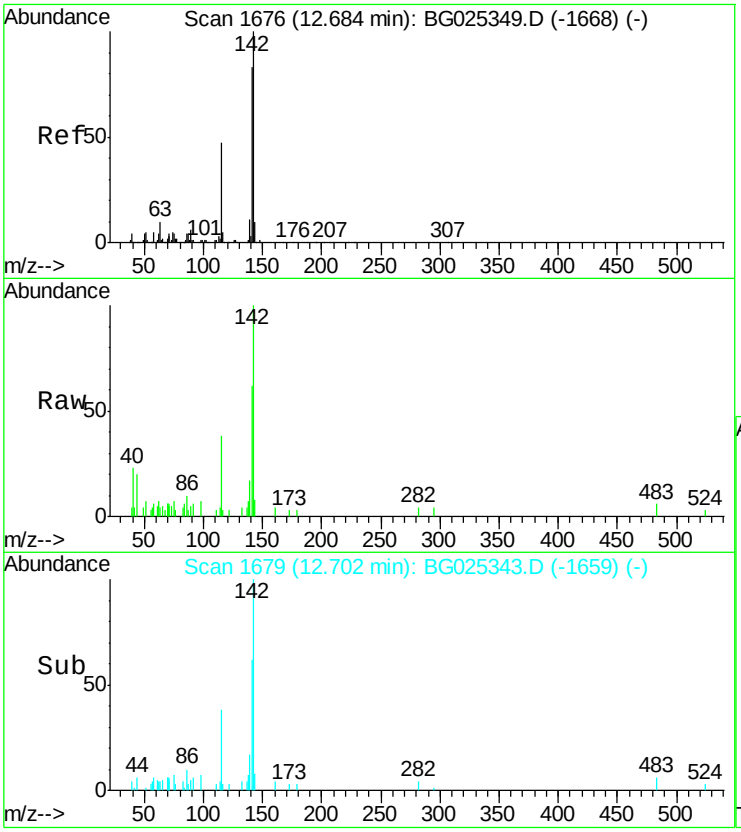


#28
Naphthalene
Concen: 1.80 ng/ul
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Tgt Ion:128 Resp: 23234

Ion	Ratio	Lower	Upper
128	100		
129	18.3	9.4	14.2#
127	14.4	10.3	15.5



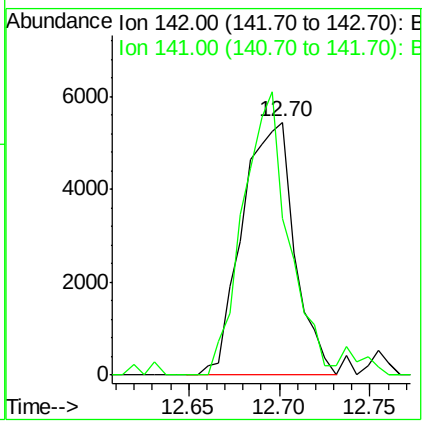


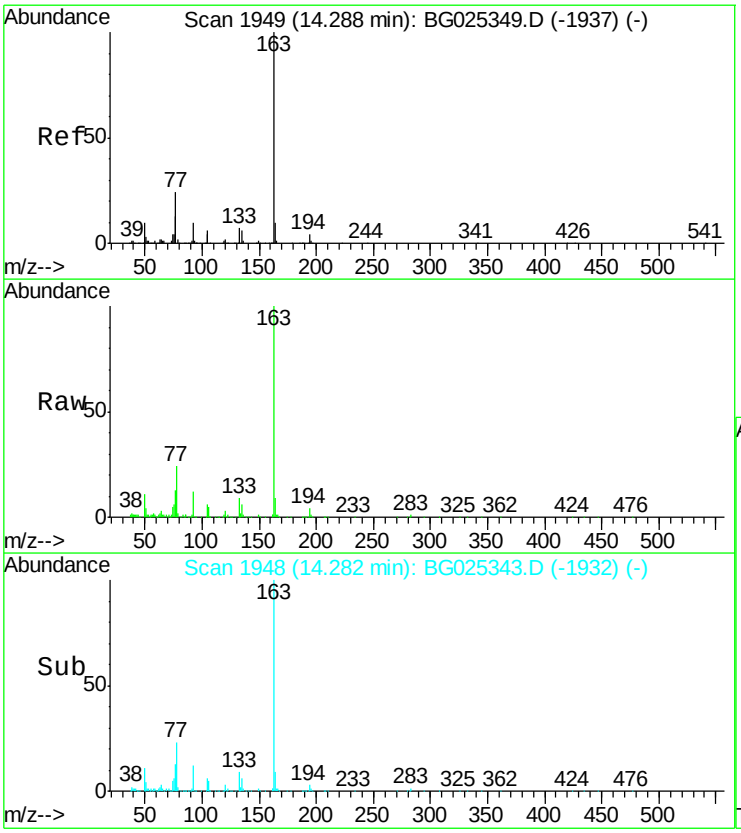
#34
2-Methylnaphthalene
Concen: 1.07 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.02 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Instrument :
BNA_G
ClientSampleId :
DA8X9

Tgt Ion:142 Resp: 10913

Ion	Ratio	Lower	Upper
142	100		
141	62.1	68.6	102.8#

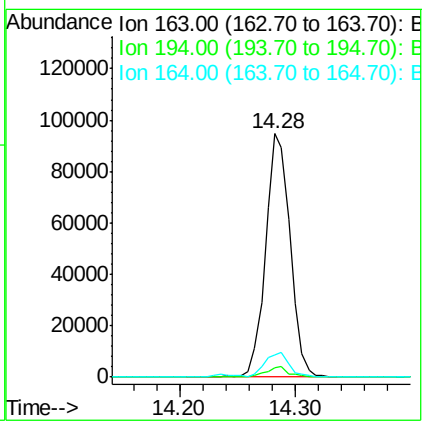


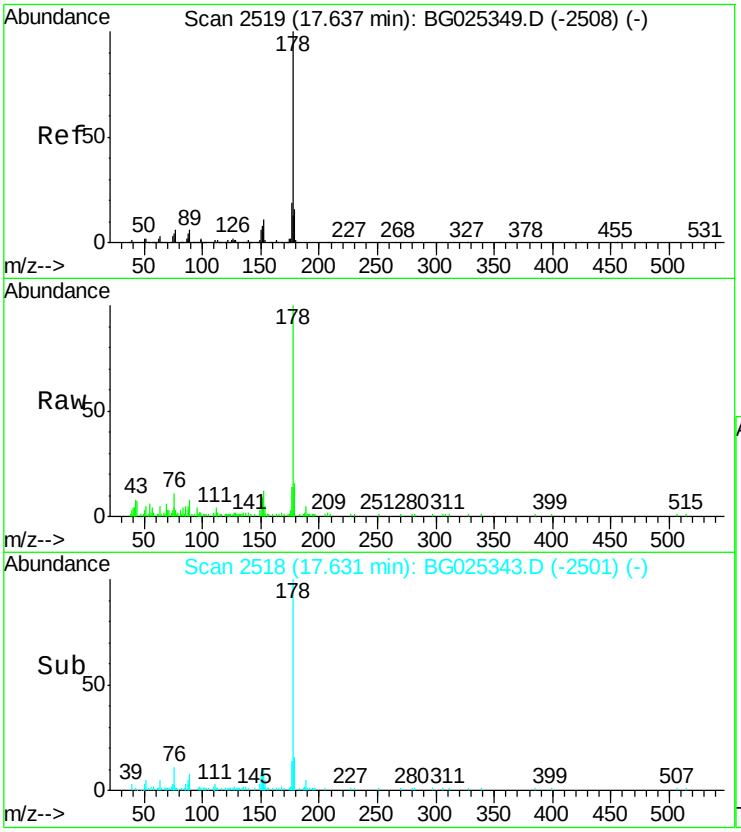


#44
Dimethylphthalate
Concen: 8.92 ng/ul
RT: 14.28 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Tgt Ion:163 Resp: 140436

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.2	9.0	13.4



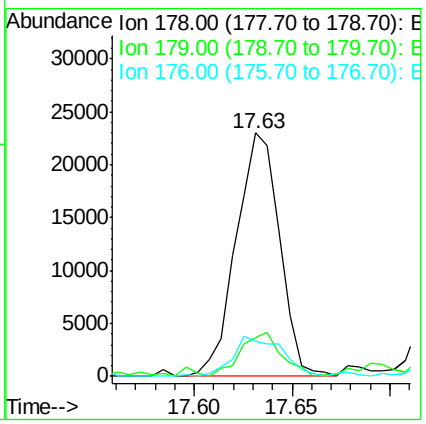


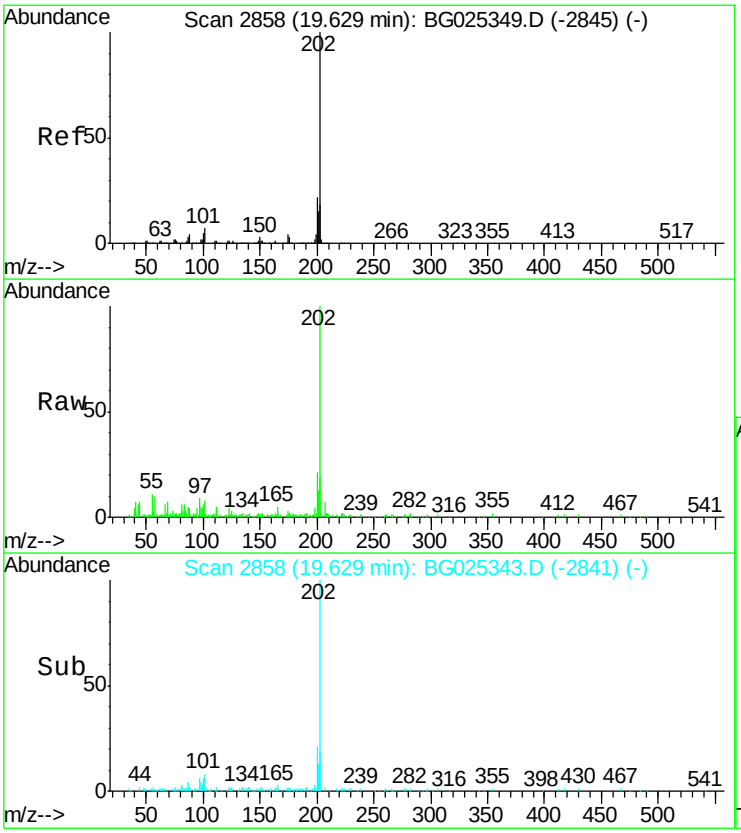
#69
Phenanthrene
Concen: 1.43 ng/ul
RT: 17.63 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Instrument :
BNA_G
ClientSampleId :
DA8X9

Tgt Ion:178 Resp: 35462

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	14.3	16.5	24.7#

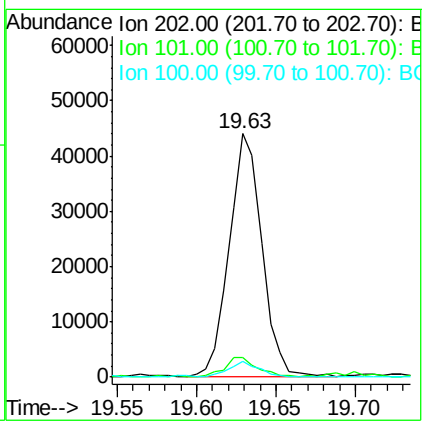


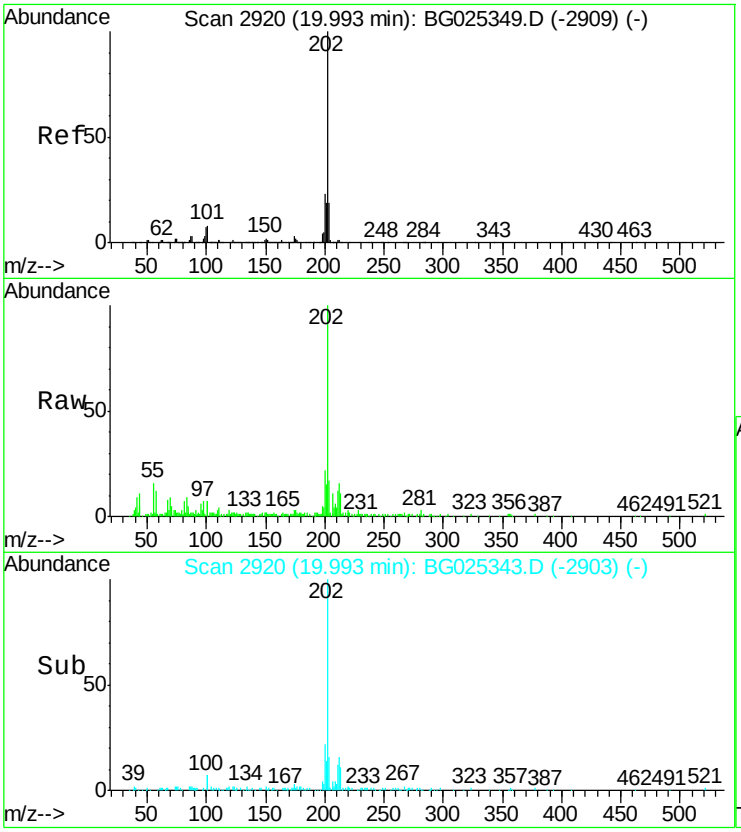


#74
Fluoranthene
Concen: 2.14 ng/ul
RT: 19.63 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Tgt Ion:202 Resp: 63110

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.2
100	6.4	5.2	7.8



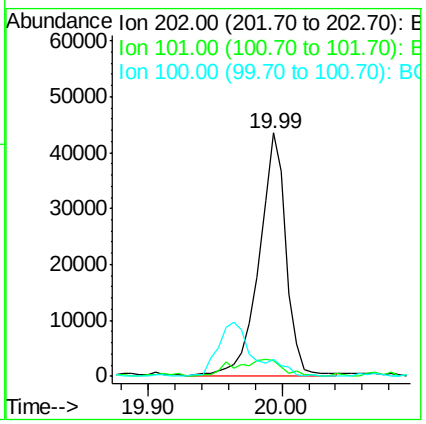


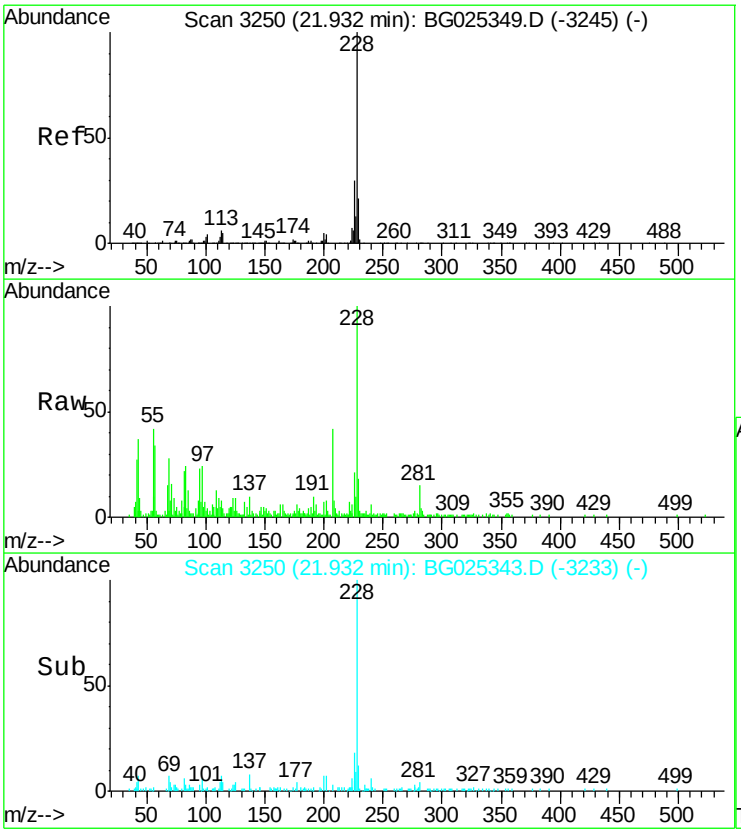
#77
Pyrene
Concen: 1.93 ng/ul
RT: 19.99 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Instrument :
BNA_G
ClientSampleId :
DA8X9

Tgt Ion:202 Resp: 61032

Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.9	10.3#
100	7.0	6.6	10.0

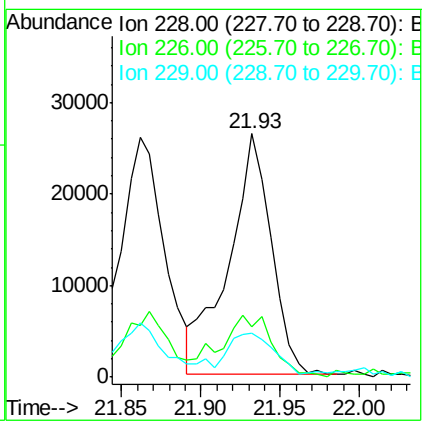


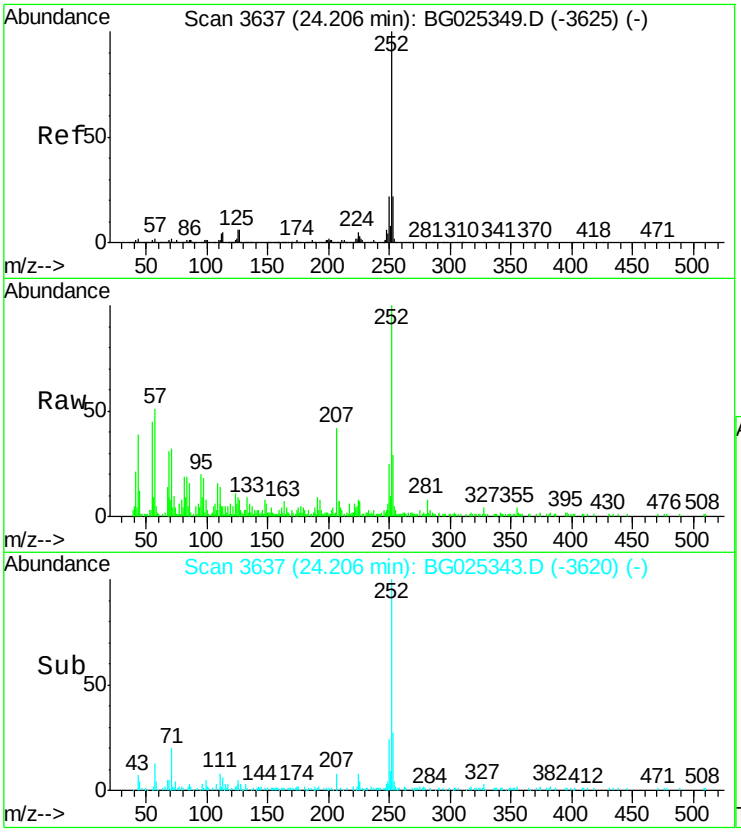


#82
Chrysene
Concen: 1.53 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Tgt Ion:228 Resp: 48914

Ion	Ratio	Lower	Upper
228	100		
226	20.6	24.0	36.0#
229	18.3	16.9	25.3



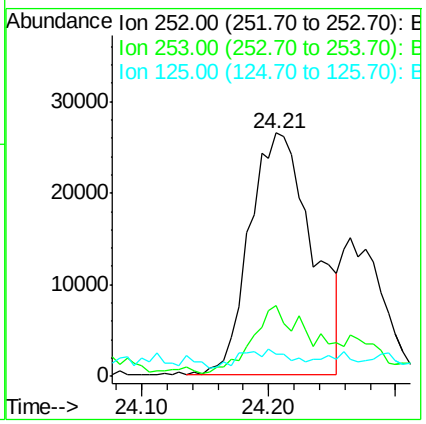


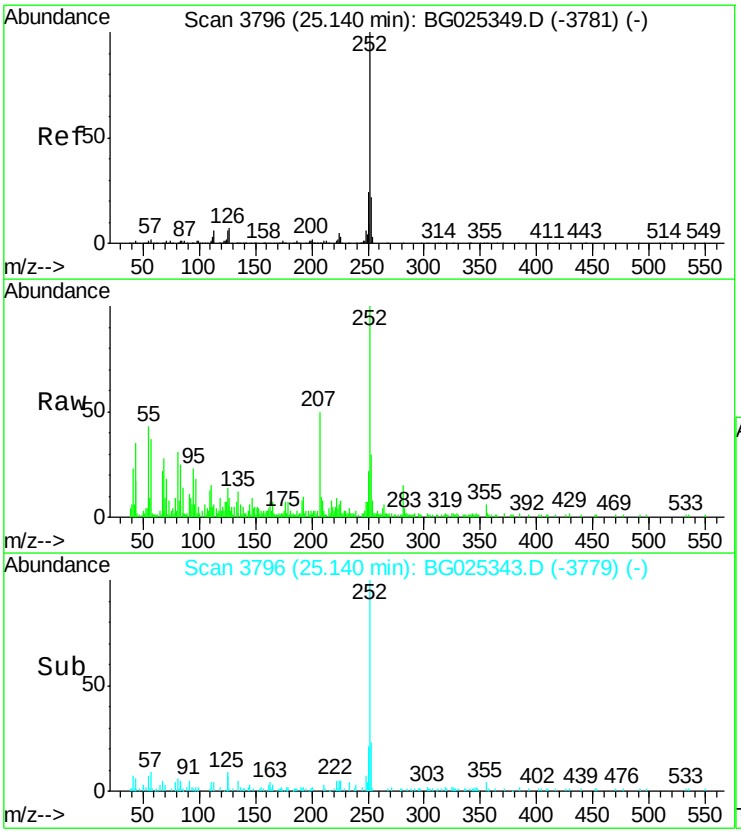
#85
Benzo(b)fluoranthene
Concen: 2.60 ng/ul
RT: 24.21 min Scan# 3637
Delta R.T. -0.00 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Instrument :
BNA_G
ClientSampleId :
DA8X9

Tgt Ion:252 Resp: 89917

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.7	26.5#
125	8.9	4.0	6.0#





#88
Benzo(a)pyrene
Concen: 2.01 ng/ul
RT: 25.14 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BG025343.D
Acq: 20 Dec 2016 7:29

Tgt Ion:252 Resp: 66991

Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.8	26.6#
125	14.3	5.4	8.0#