Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029246.D
Acq On : 15 Oct 2017 6:14
Operator : SJ/JU
Sample : I5593-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0C39

Quant Time: Oct 15 07:42:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 07:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	111393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	510331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	310212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	669897	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	602562	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	589191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	11465	4.18	ng/uL	0.00
5) Phenol-d5	7.32	99	238207	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	153297	22.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	185050	24.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	178559	20.68	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	96706	26.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	100760	26.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192456	22.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	188716	18.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	607133	22.89	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	768453	23.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	82256	16.80	ng/ul	0.00
57) Fluorene-d10	15.77	176	530052	24.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	63121	19.30	ng/ul	0.00
70) Anthracene-d10	17.63	188	773503	24.41	ng/ul	0.00
76) Pyrene-d10	19.90	212	765362	24.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	668829	23.97	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	47417	4.286	ng/ul	90
44) Dimethylphthalate	14.23	163	189052	7.308	ng/ul	99
69) Phenanthrene	17.57	178	123262	3.404	ng/ul	98
74) Fluoranthene	19.56	202	176715	4.366	ng/ul#	93
77) Pyrene	19.93	202	219350	5.432	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	85492	2.264	ng/ul	96
82) Chrysene	21.84	228	119301	3.477	ng/ul	97
85) Benzo(b)fluoranthene	24.06	252	116558	3.295	ng/ul#	90
88) Benzo(a)pyrene	24.95	252	76483	2.221	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.88	276	50487	1.296	ng/ul#	88
91) Benzo(g,h,i)perylene	30.08	276	48170	1.492	ng/ul#	81

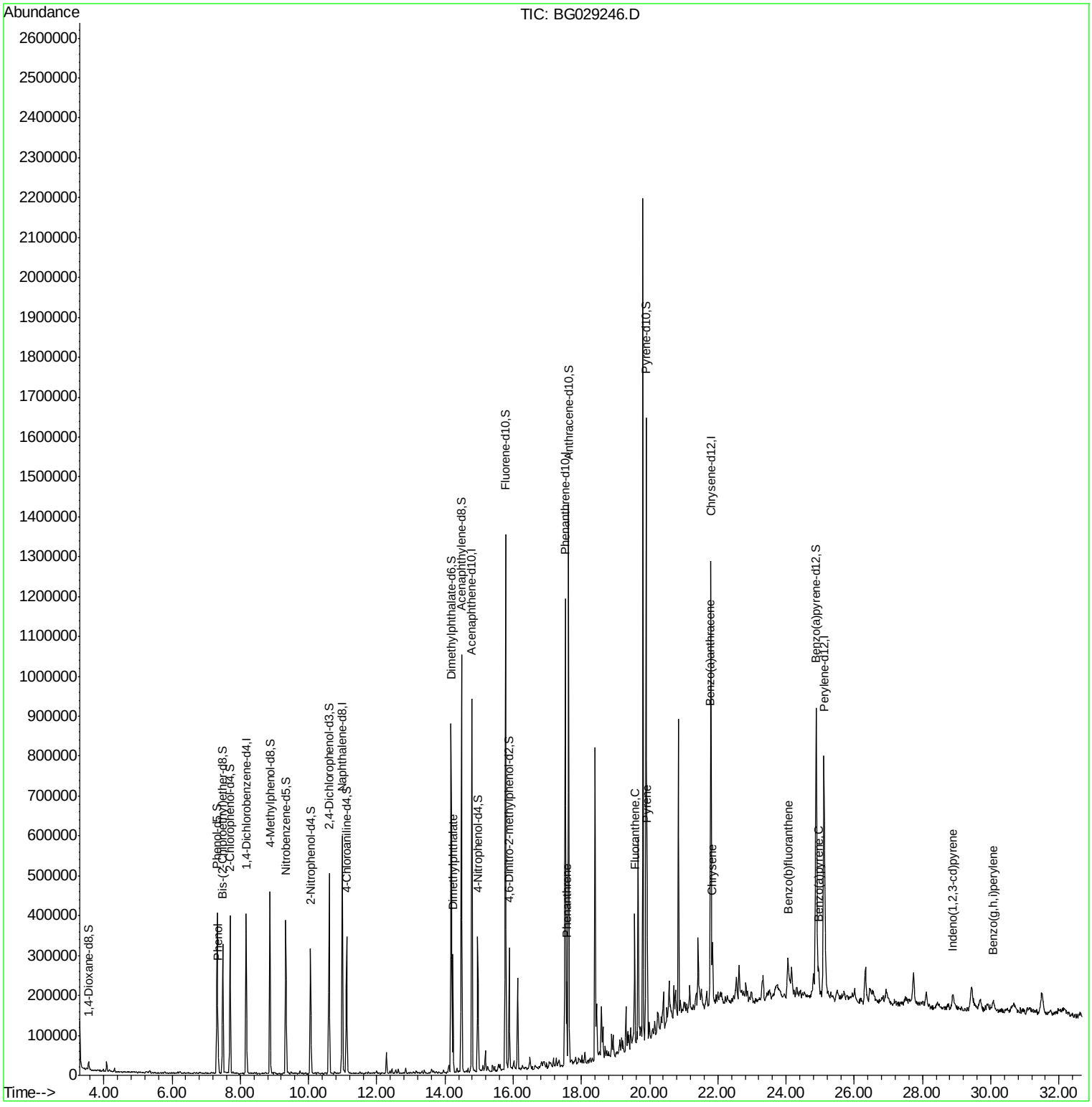
(#) = qualifier out of range (m) = manual integration (+) = signals summed

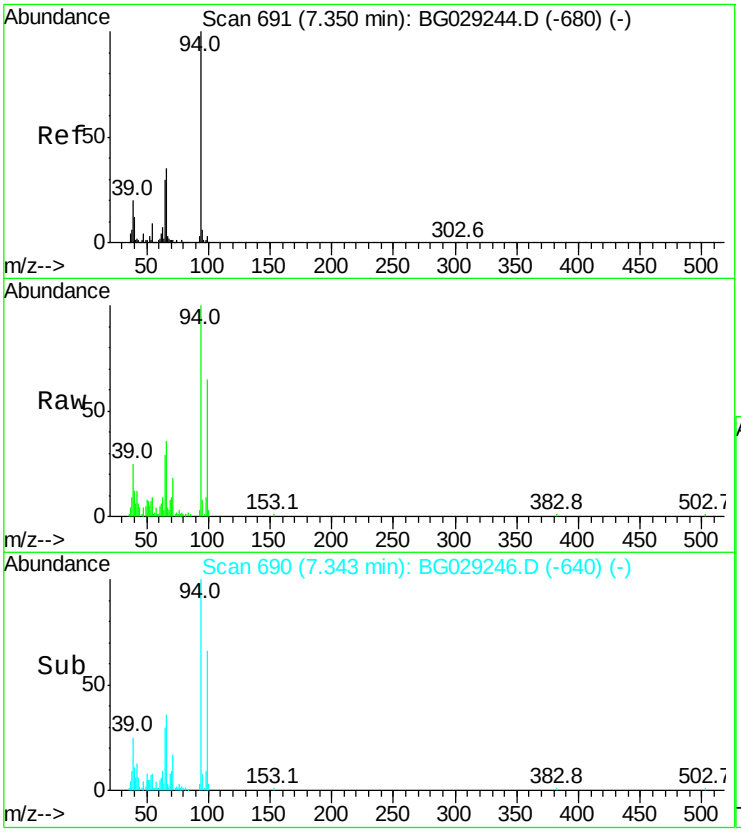
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029246.D
Acq On : 15 Oct 2017 6:14
Operator : SJ/JU
Sample : I5593-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0C39

Quant Time: Oct 15 07:42:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 07:39:50 2017
Response via : Initial Calibration



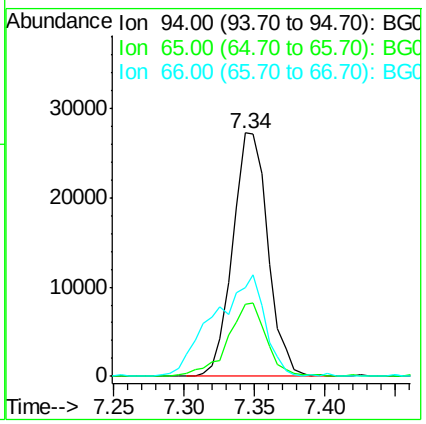


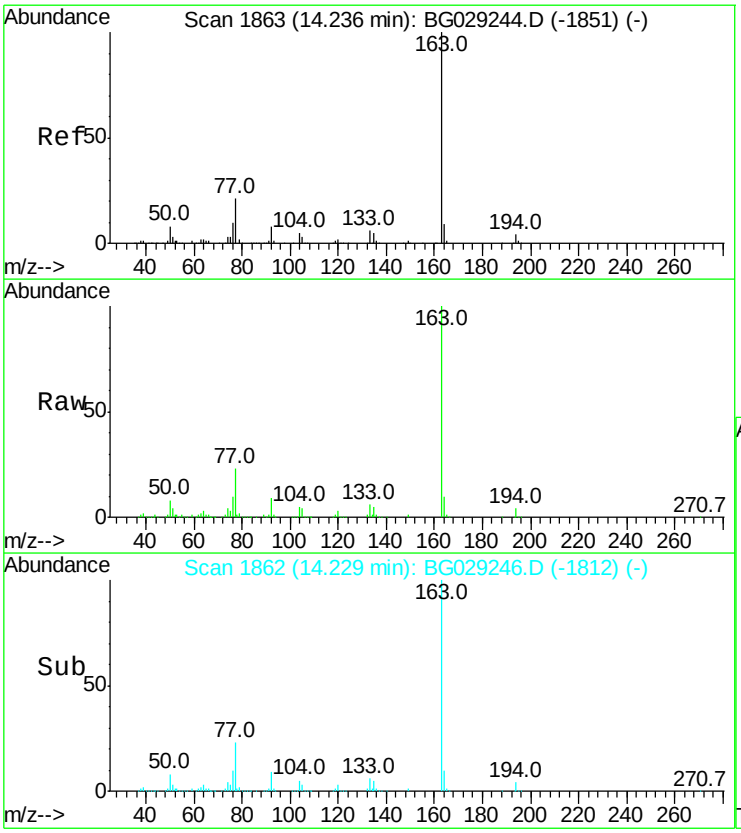
#6
Phenol
Concen: 4.286 ng/ul
RT: 7.34 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Instrument :
BNA_G
ClientSampleId :
B0C39

Tgt Ion: 94 Resp: 47417

Ion	Ratio	Lower	Upper
94	100		
65	29.5	27.1	40.7
66	36.2	34.6	52.0

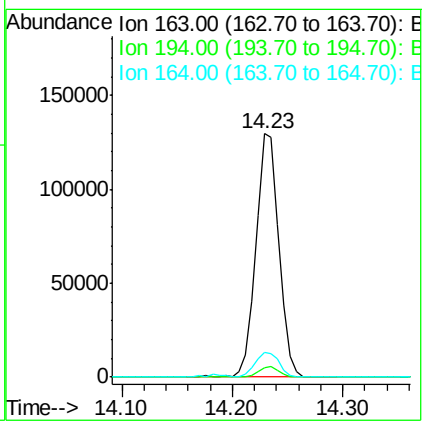


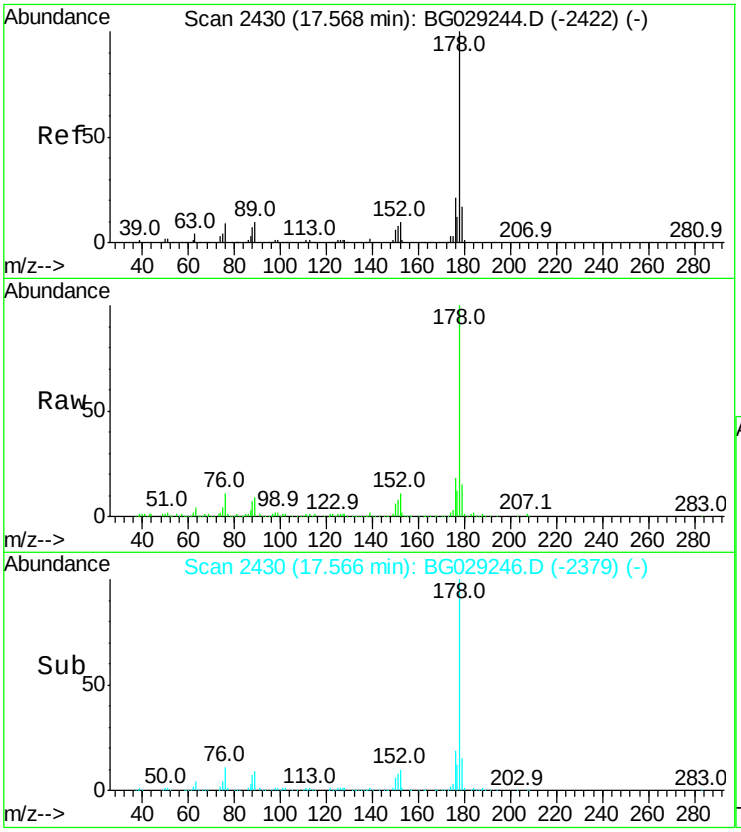


#44
Dimethylphthalate
Concen: 7.308 ng/ul
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Tgt Ion:163 Resp: 189052

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	7.6	11.4



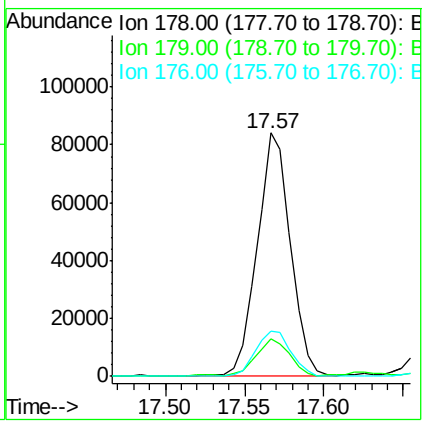


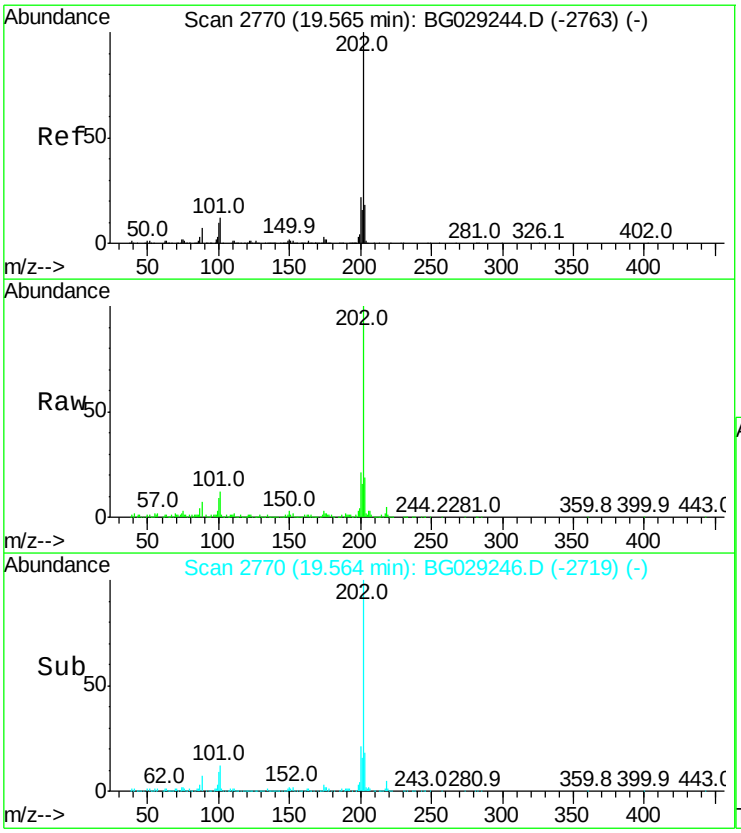
#69
Phenanthrene
Concen: 3.404 ng/ul
RT: 17.57 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Instrument :
BNA_G
ClientSampleId :
B0C39

Tgt Ion:178 Resp: 123262

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	18.4	15.3	22.9

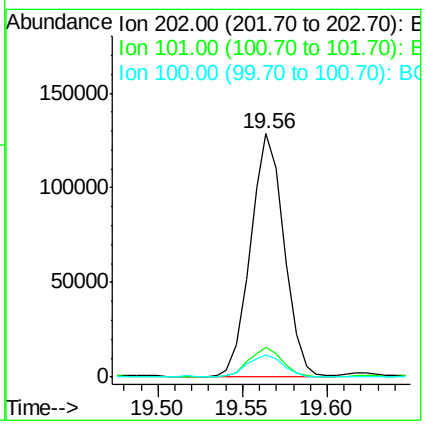


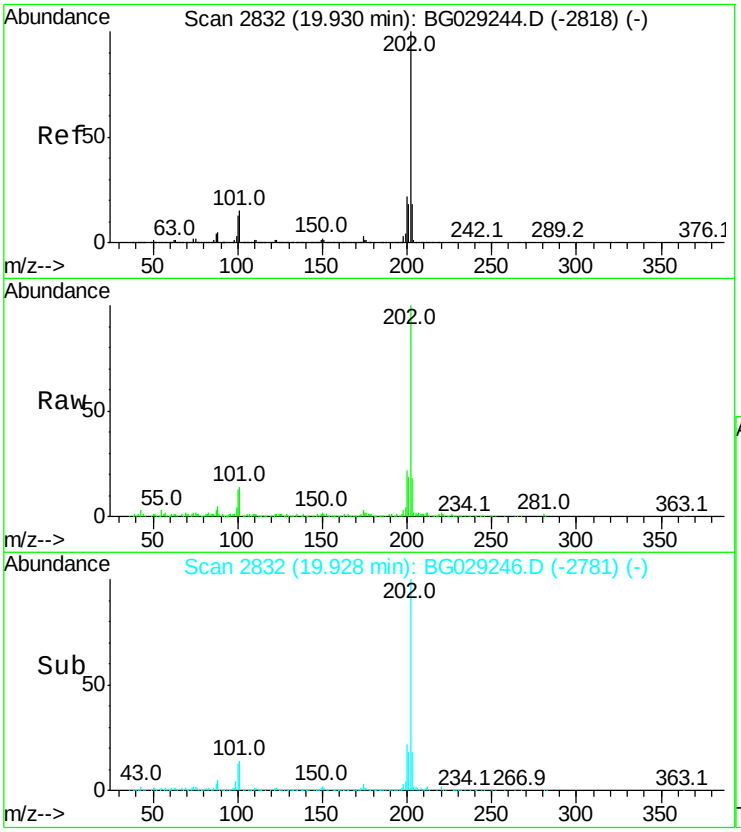


#74
Fluoranthene
Concen: 4.366 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Tgt Ion:202 Resp: 176715

Ion	Ratio	Lower	Upper
202	100		
101	12.3	7.4	11.2#
100	9.1	5.6	8.4#



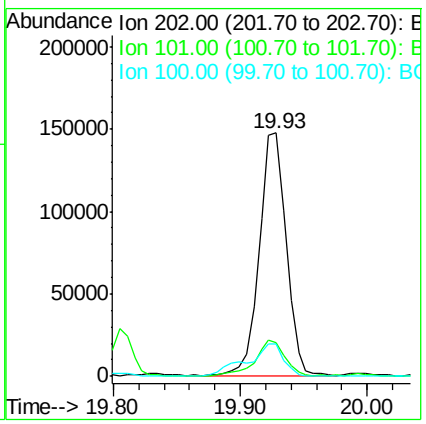


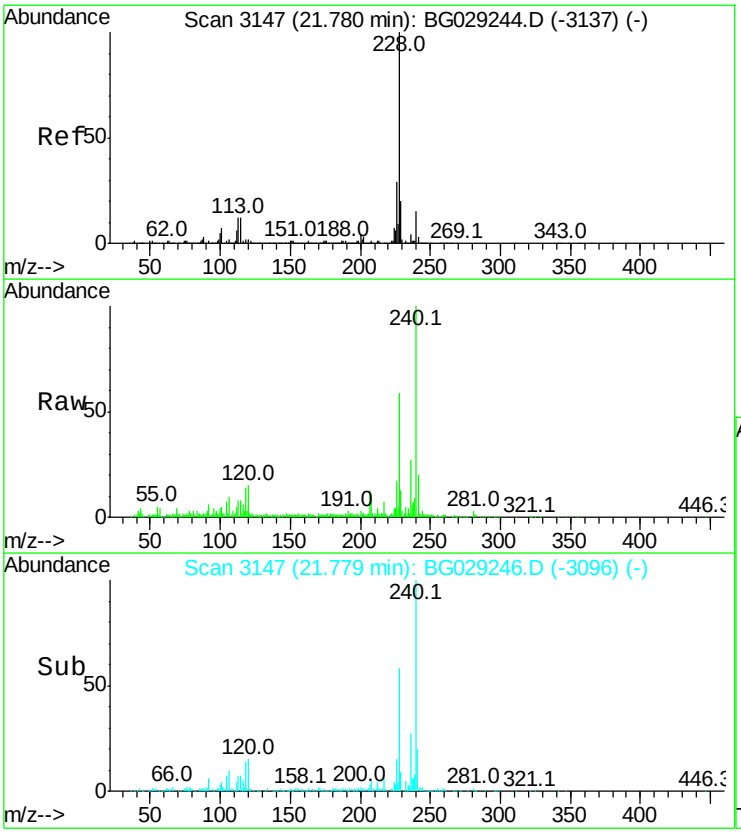
#77
Pyrene
Concen: 5.432 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Instrument :
BNA_G
ClientSampleId :
B0C39

Tgt Ion:202 Resp: 219350

Ion	Ratio	Lower	Upper
202	100		
101	14.0	8.4	12.6#
100	13.3	7.0	10.6#

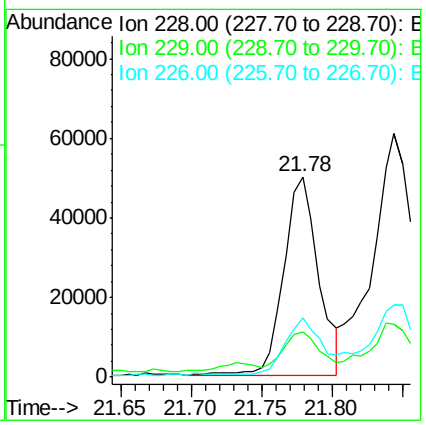


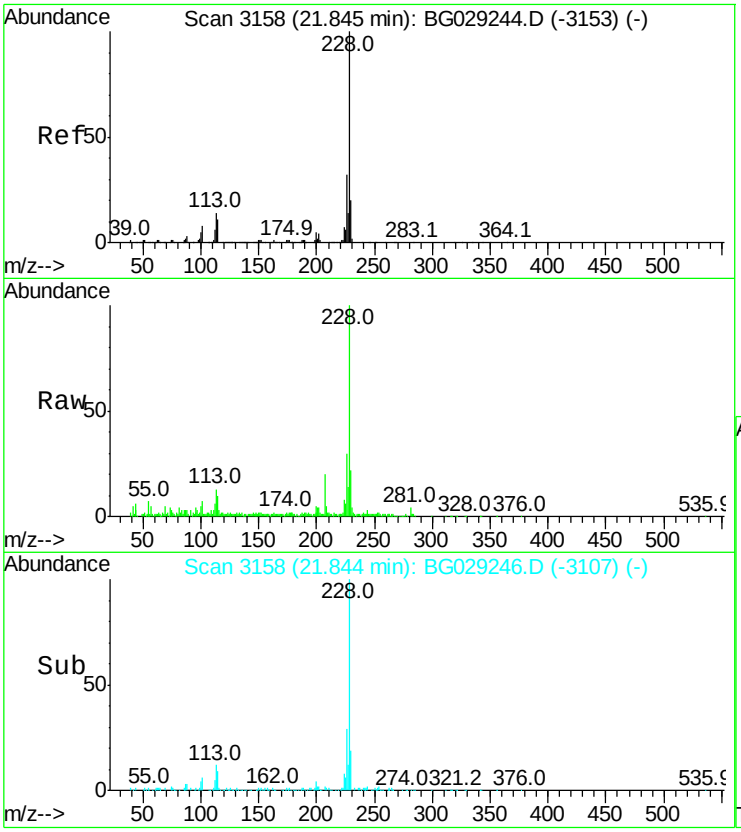


#80
Benzo(a)anthracene
Concen: 2.264 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Tgt Ion:228 Resp: 85492

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.2	24.4
226	29.7	22.2	33.2



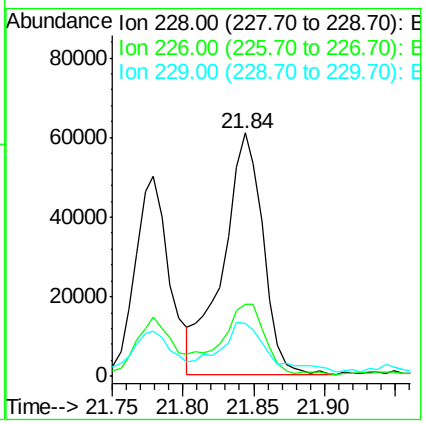


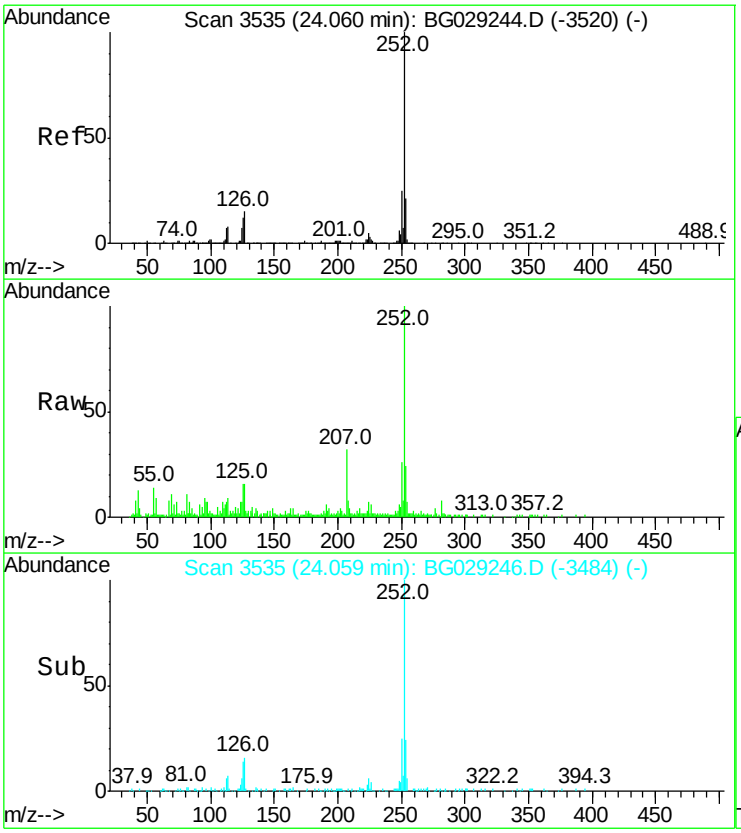
#82
Chrysene
Concen: 3.477 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Instrument :
BNA_G
ClientSampleId :
B0C39

Tgt Ion:228 Resp: 119301

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	21.8	15.2	22.8

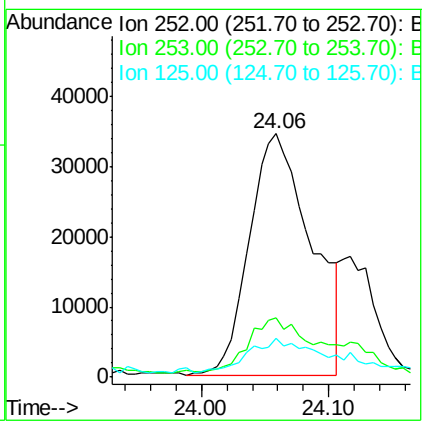


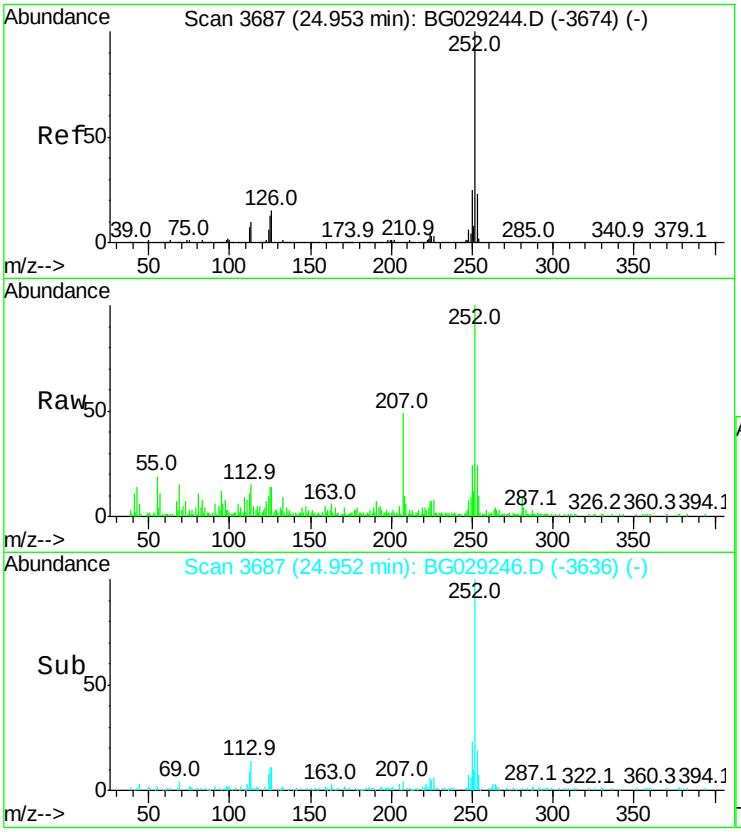


#85
Benzo(b)fluoranthene
Concen: 3.295 ng/ul
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Tgt Ion:252 Resp: 116558

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	15.8	7.5	11.3#



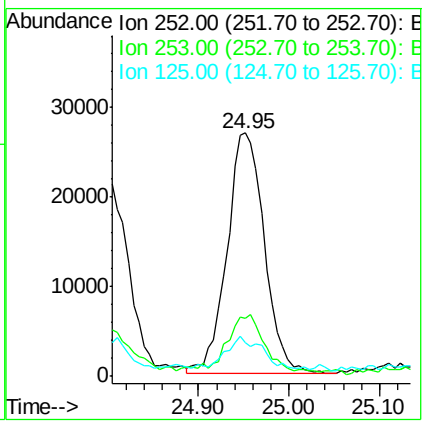


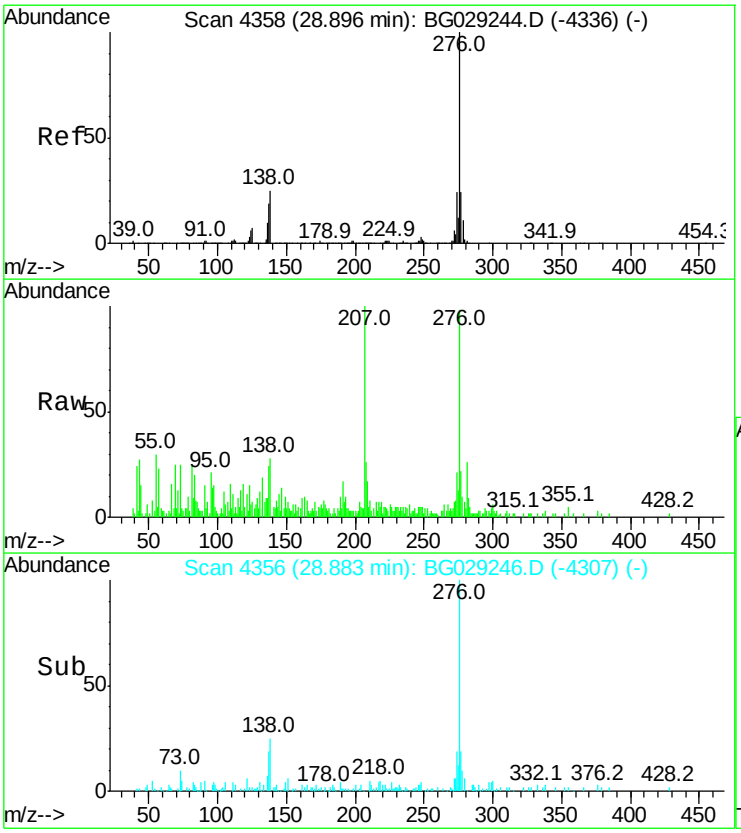
#88
Benzo(a)pyrene
Concen: 2.221 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Instrument :
BNA_G
ClientSampleId :
B0C39

Tgt Ion:252 Resp: 76483

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	14.0	7.8	11.8#

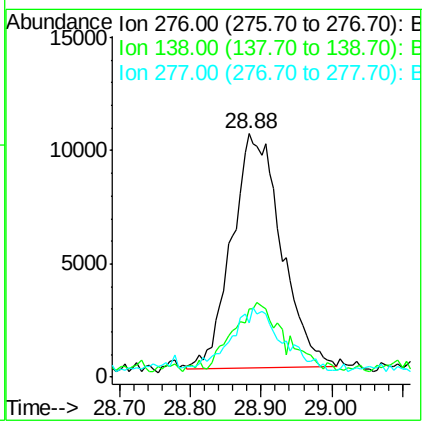


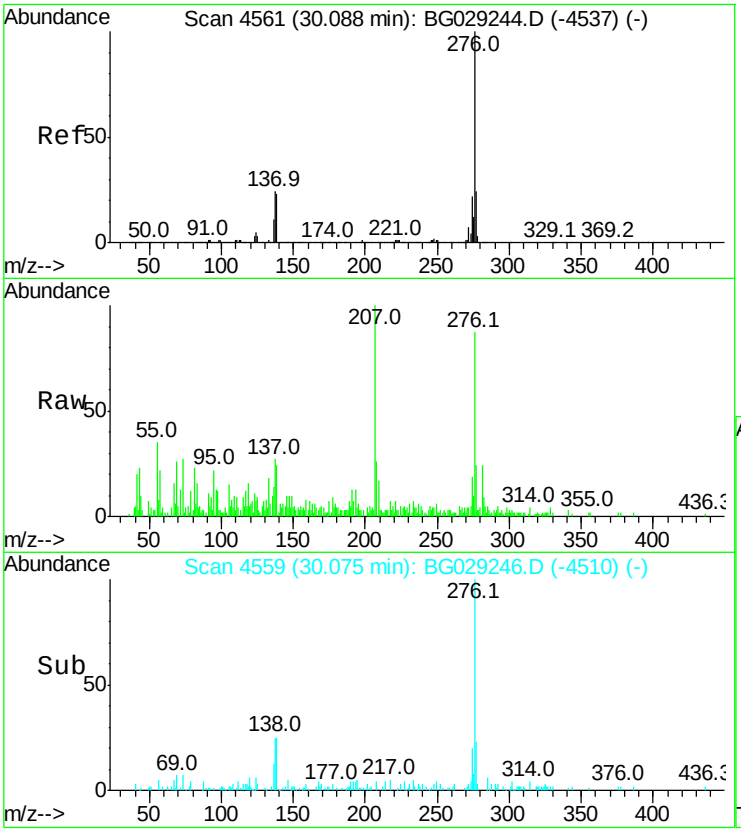


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.296 ng/ul
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Tgt Ion:276 Resp: 50487

Ion	Ratio	Lower	Upper
276	100		
138	28.2	13.4	20.0#
277	22.5	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 1.492 ng/ul
RT: 30.08 min Scan# 4559
Delta R.T. -0.01 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Instrument :
BNA_G
ClientSampleId :
B0C39

Tgt Ion:276 Resp: 48170

Ion	Ratio	Lower	Upper
276	100		
138	27.7	12.1	18.1#
277	27.4	17.7	26.5#