Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052317\
Data File : BG027063.D
Acq On : 22 May 2017 18:17
Operator : SJ/MA
Sample : I3275-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC63

Quant Time: May 23 02:49:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 02:44:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	159985	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	764474	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	402740	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	750181	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	671937	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	580489	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1136257	27.51	ng/ul	0.00
10) Fluorene-d10	15.61	176	741101	26.89	ng/ul	0.00
14) Anthracene-d10	17.46	188	1053988	28.82	ng/ul	0.00
18) Pyrene-d10	19.74	212	1019806	29.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	862796	29.91	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.86	128	282217	7.12	ng/ul	99
5) 1-Methylnaphthalene	12.67	142	378115	11.95	ng/ul#	95
8) Acenaphthylene	14.34	152	331989	8.00	ng/ul	99
11) Fluorene	15.66	166	679124	22.43	ng/ul	97
15) Anthracene	17.49	178	474790	11.02	ng/ul	98
20) Benzo(a)anthracene	21.59	228	698007	17.24	ng/ul	98
23) Benzo(b)fluoranthene	23.77	252	704250	20.41	ng/ul#	95
24) Benzo(k)fluoranthene	23.83	252	405052	11.41	ng/ul#	95

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

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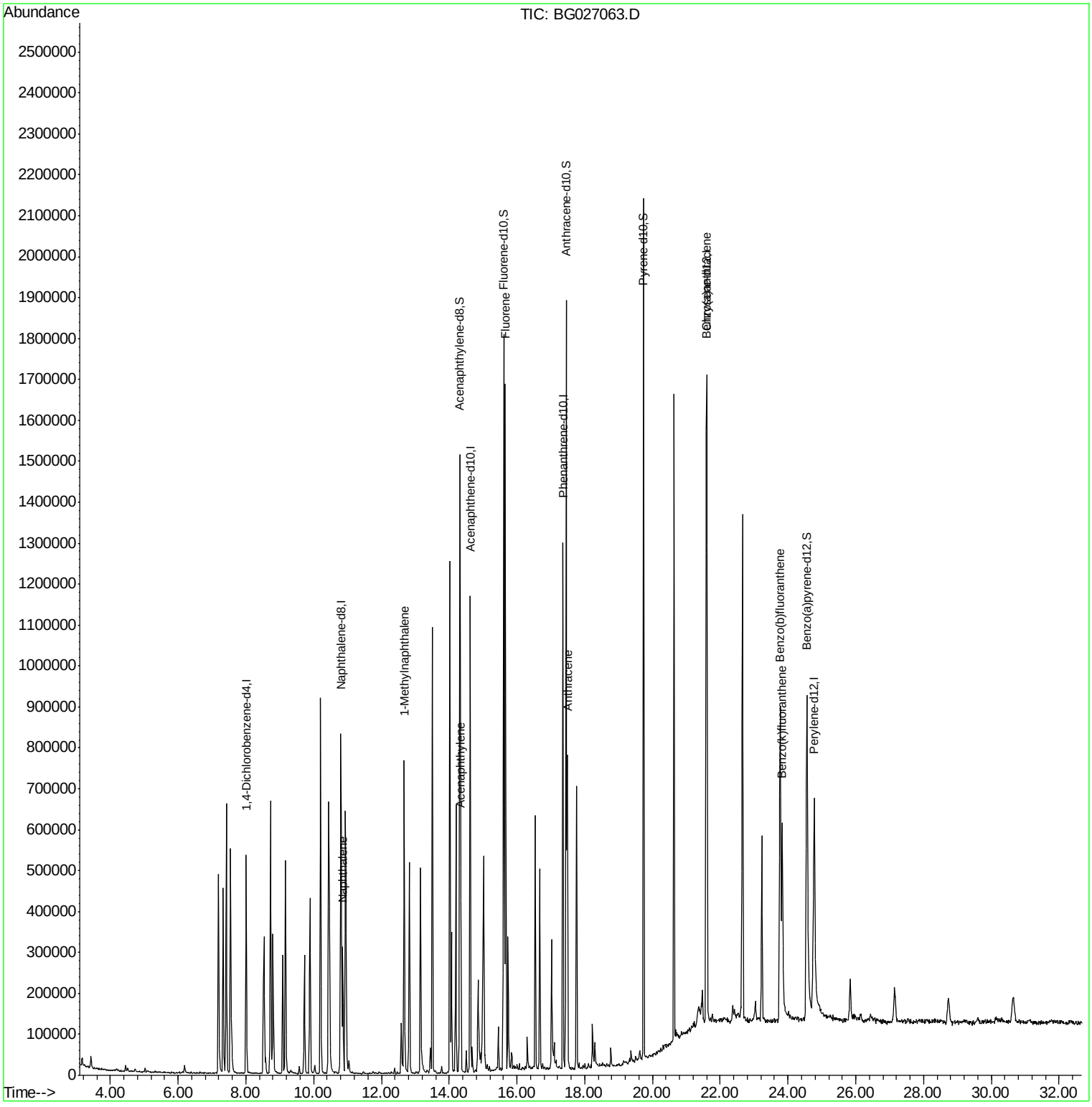
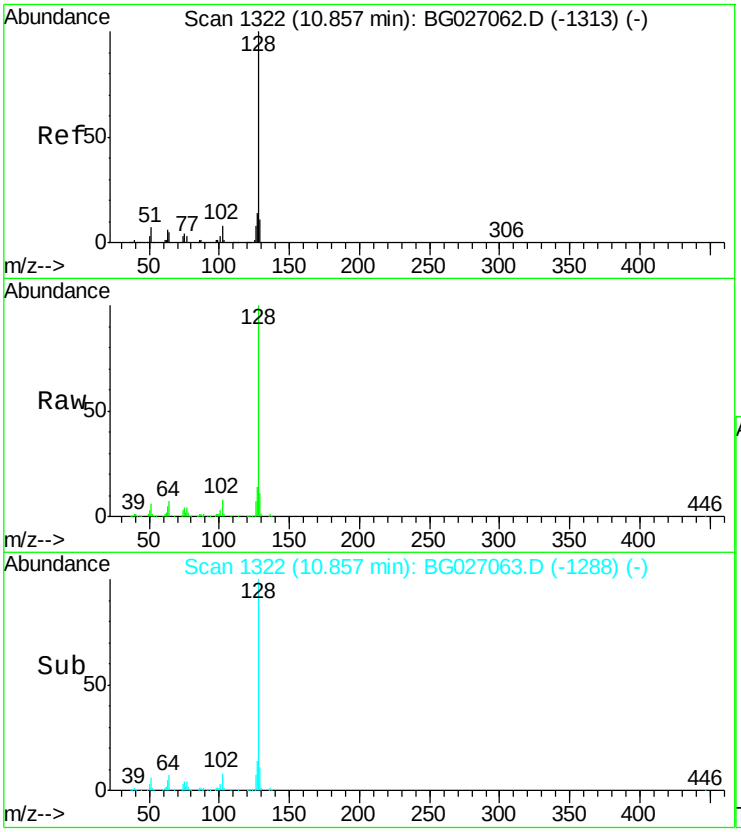


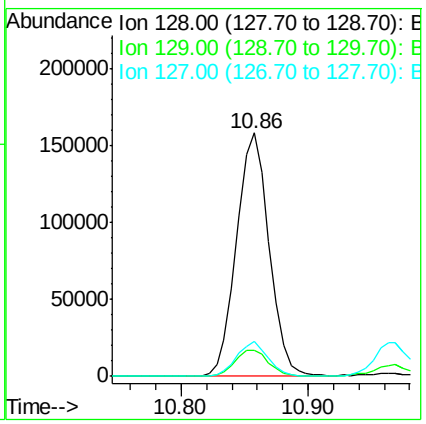


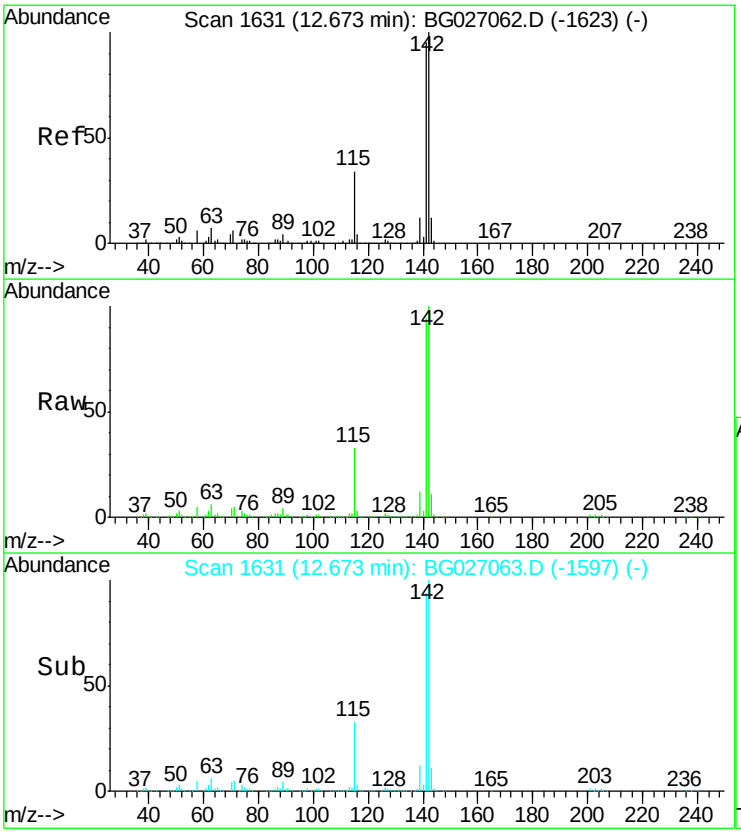
#3
Naphthalene
Concen: 7.12 ng/ul
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Instrument :
BNA_G
ClientSampleId :
DAC63

Tgt Ion:128 Resp: 282217

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	14.2	10.6	16.0

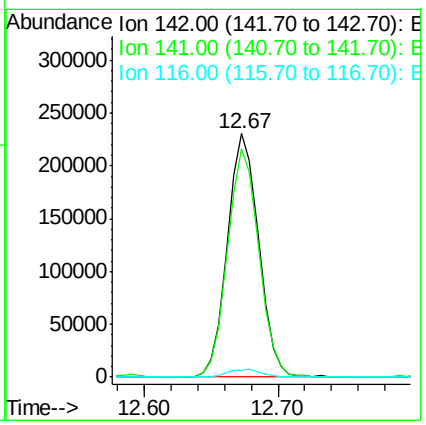


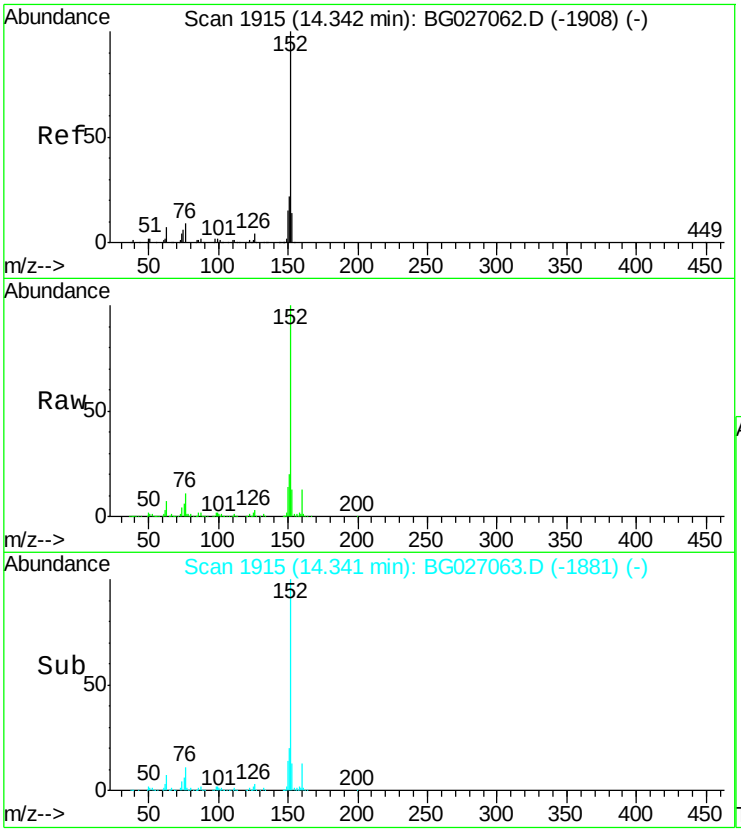


#5
1-Methylnaphthalene
Concen: 11.95 ng/ul
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Tgt Ion:142 Resp: 378115

Ion	Ratio	Lower	Upper
142	100		
141	94.0	79.3	118.9
116	2.9	4.2	6.2#



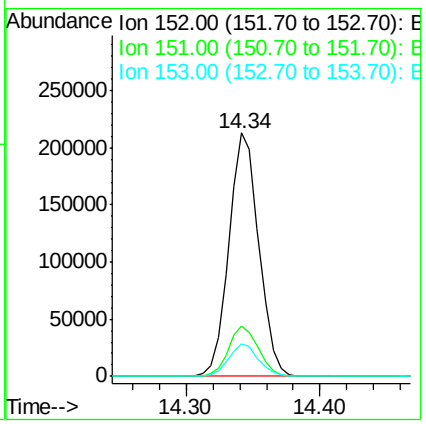


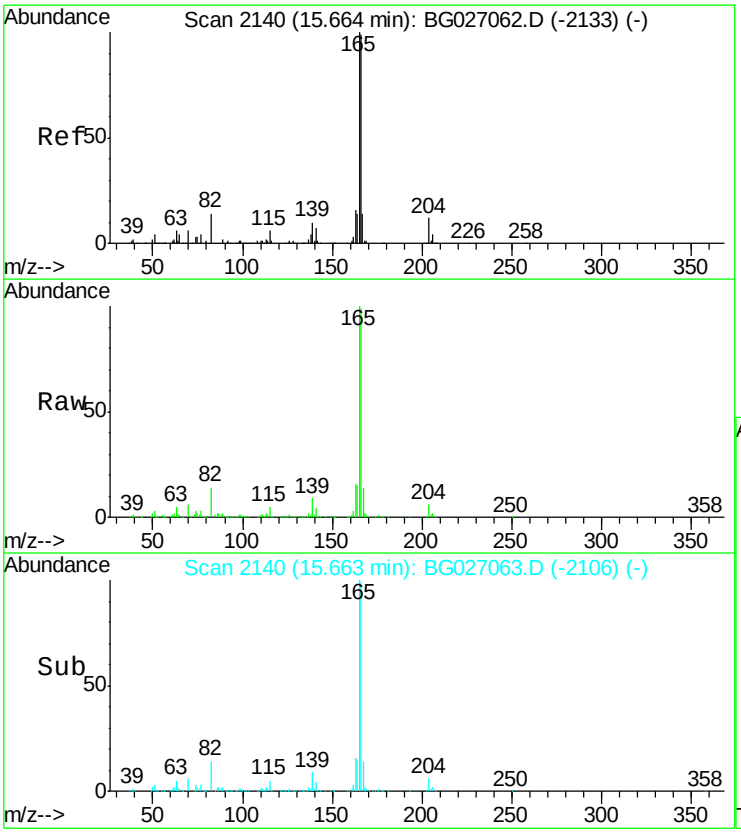
#8
Acenaphthylene
Concen: 8.00 ng/ul
RT: 14.34 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Instrument :
BNA_G
ClientSampleId :
DAC63

Tgt Ion:152 Resp: 331989

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1
153	13.5	10.2	15.4

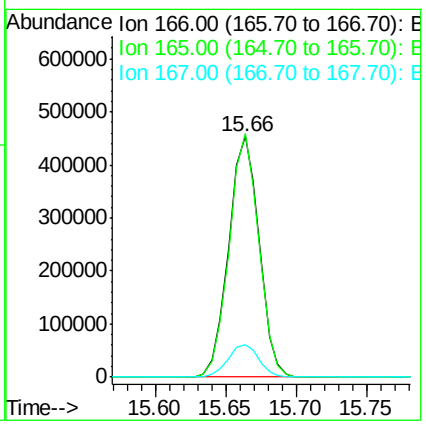


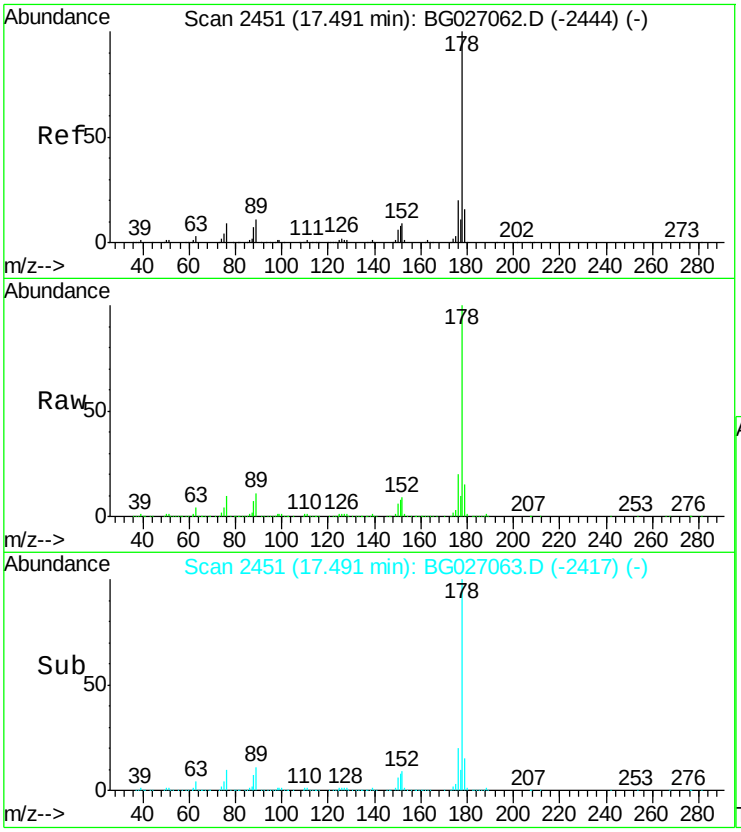


#11
Fluorene
Concen: 22.43 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Tgt Ion:166 Resp: 679124

Ion	Ratio	Lower	Upper
166	100		
165	101.2	83.8	125.8
167	13.7	11.5	17.3



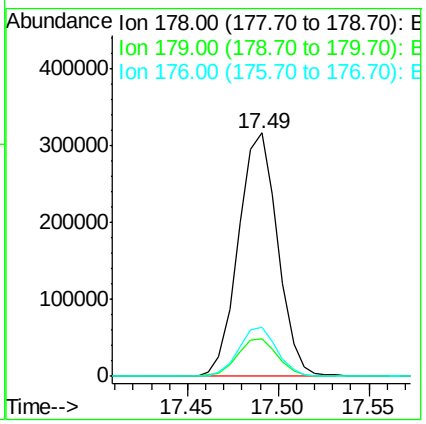


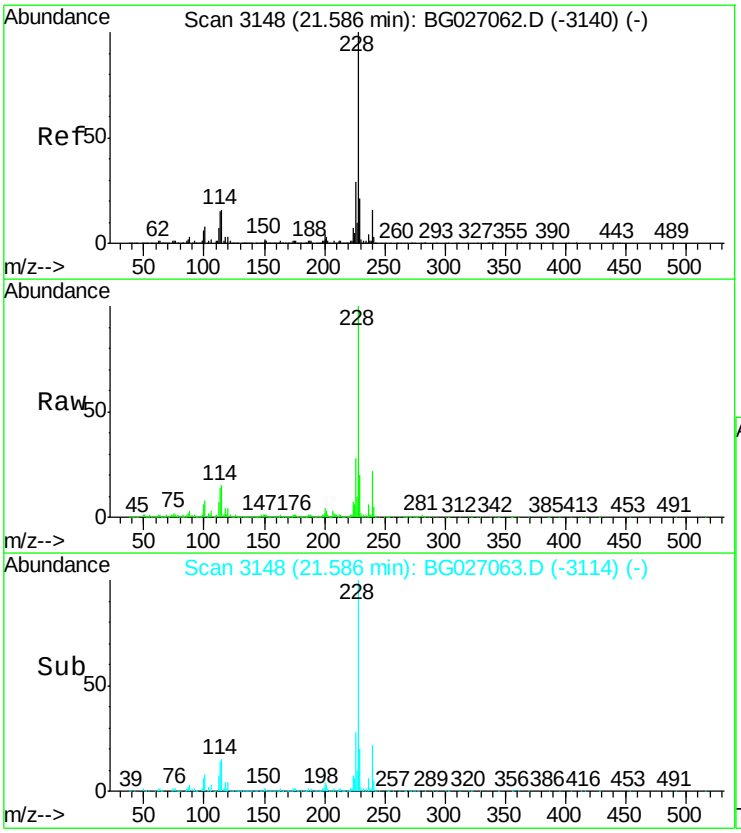
#15
Anthracene
Concen: 11.02 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Instrument :
BNA_G
ClientSampleId :
DAC63

Tgt Ion:178 Resp: 474790

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	20.1	15.2	22.8

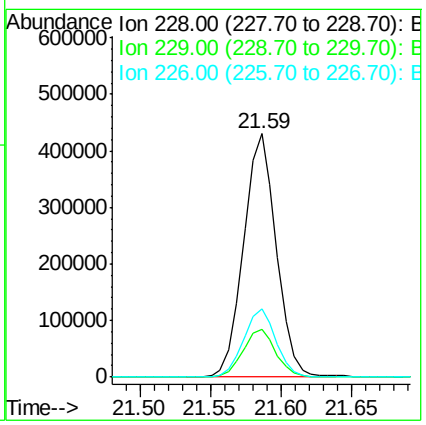


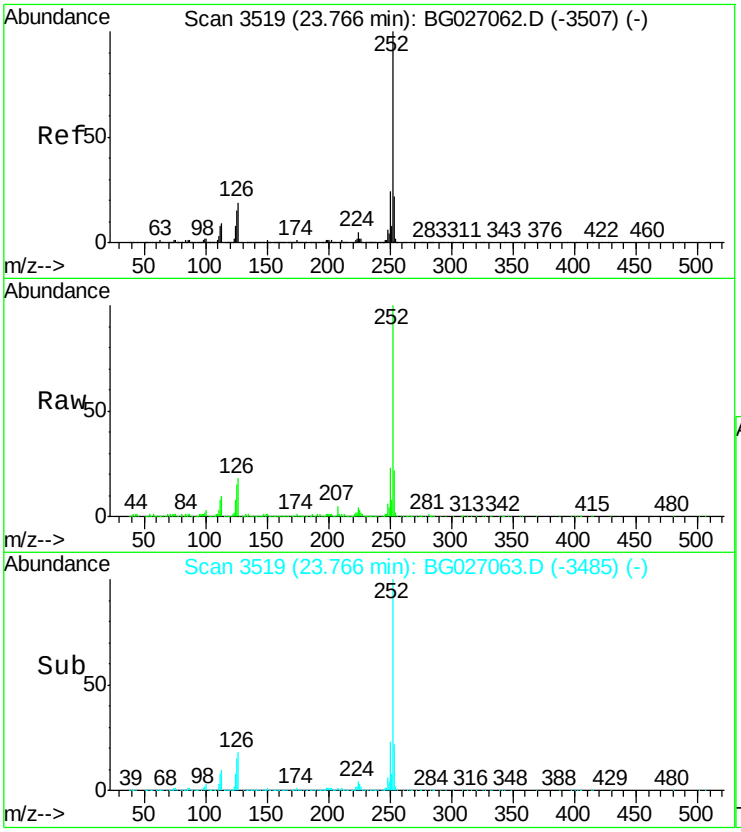


#20
Benzo(a)anthracene
Concen: 17.24 ng/ul
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Tgt Ion:228 Resp: 698007

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	28.0	21.1	31.7



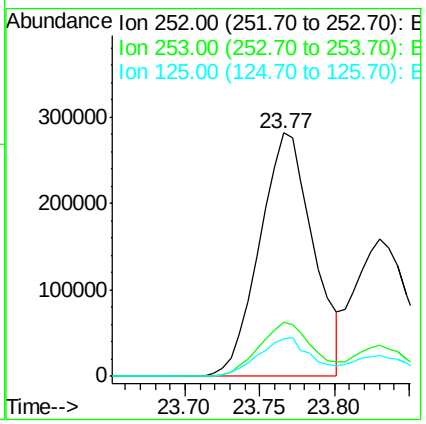


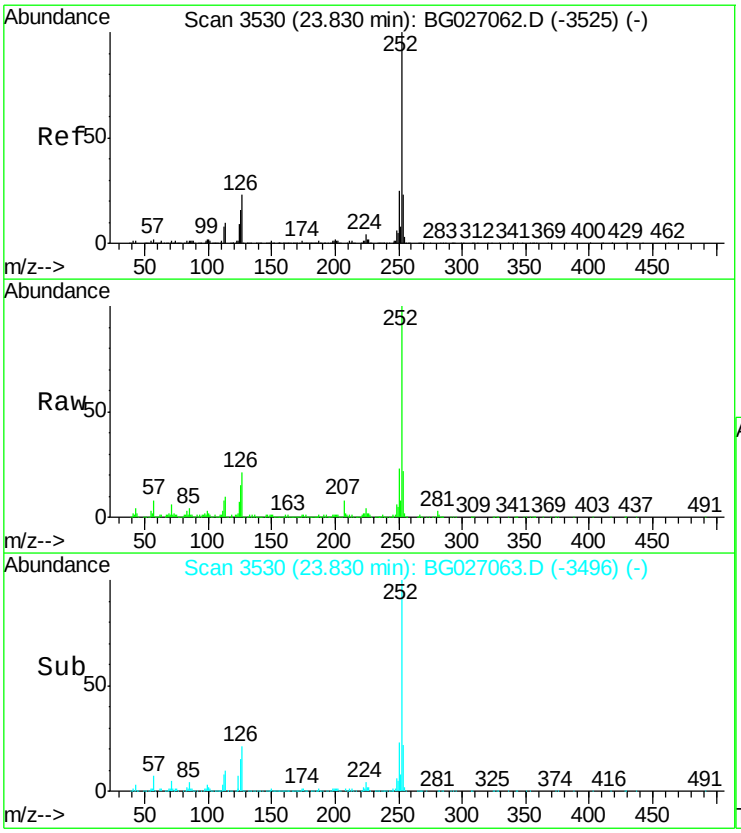
#23
Benzo(b)fluoranthene
Concen: 20.41 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Instrument :
BNA_G
ClientSampleId :
DAC63

Tgt Ion:252 Resp: 704250

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	15.3	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 11.41 ng/ul
RT: 23.83 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG027063.D
Acq: 22 May 2017 18:17

Tgt Ion:252 Resp: 405052

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	15.5	8.1	12.1#