Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
Data File : BG027111.D
Acq On : 24 May 2017 1:49
Operator : SJ/MA
Sample : I3275-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 24 02:28:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:50:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	236123	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1091904	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	571559	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1045987	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	970327	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	884404	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1468317	25.05	ng/ul	0.00
10) Fluorene-d10	15.60	176	939550	24.02	ng/ul	0.00
14) Anthracene-d10	17.36	188	1045987	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	1245081	24.58	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	1122194	25.54	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.40	178	386767	6.61	ng/ul	99
15) Anthracene	17.49	178	63275	1.05	ng/ul	96
16) Fluoranthene	19.40	202	742445	12.42	ng/ul#	93
19) Pyrene	19.76	202	623832	9.84	ng/ul#	91
20) Benzo(a)anthracene	21.58	228	342202	5.85	ng/ul	98
21) Chrysene	21.64	228	343011	6.39	ng/ul	95
23) Benzo(b)fluoranthene	23.77	252	431810	8.22	ng/ul#	91
24) Benzo(k)fluoranthene	23.77	252	432289	8.00	ng/ul#	91
26) Benzo(a)pyrene	24.62	252	266786	5.19	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.39	276	98999	2.09	ng/ul#	85

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

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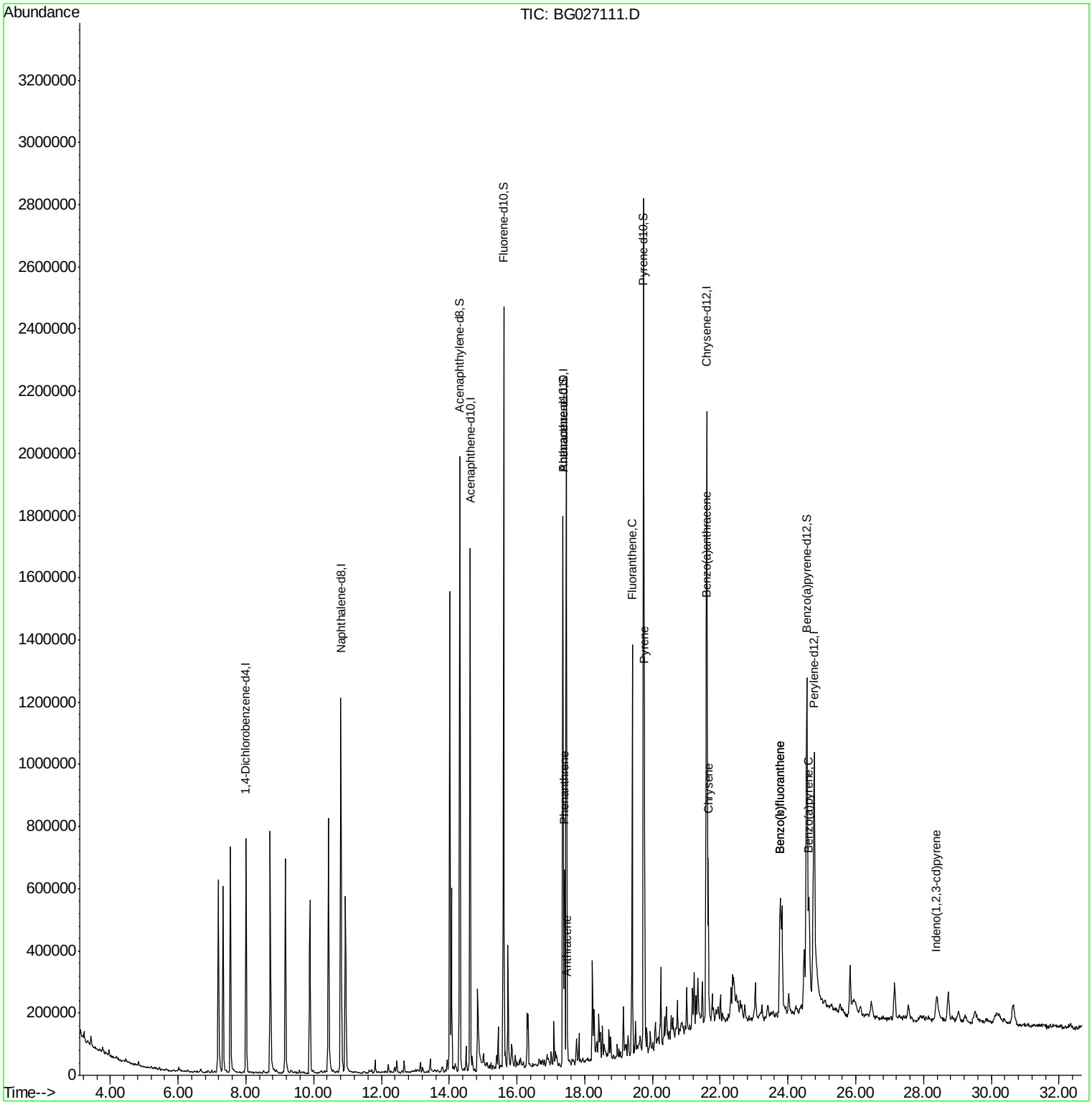
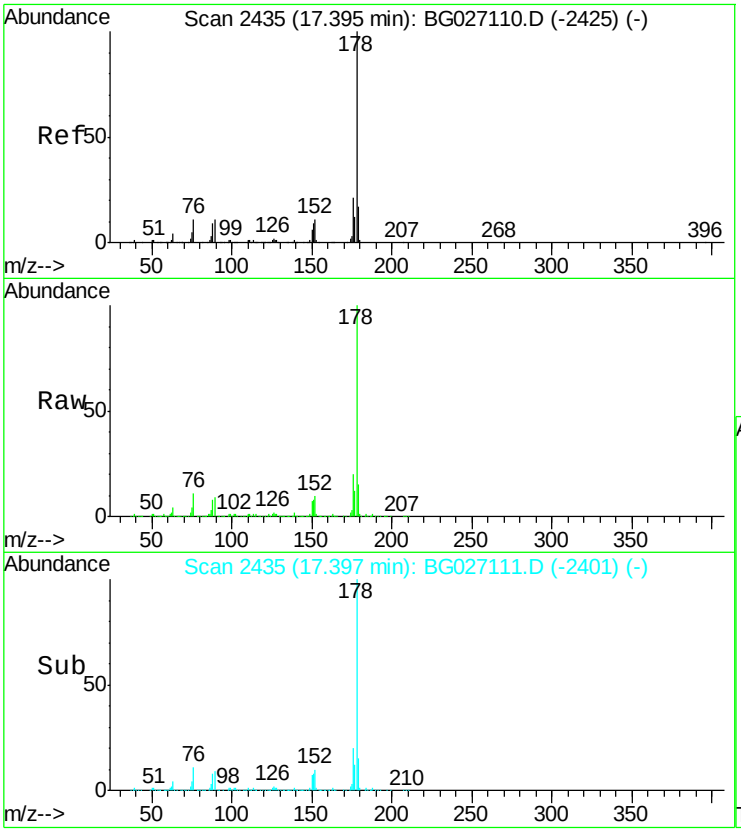


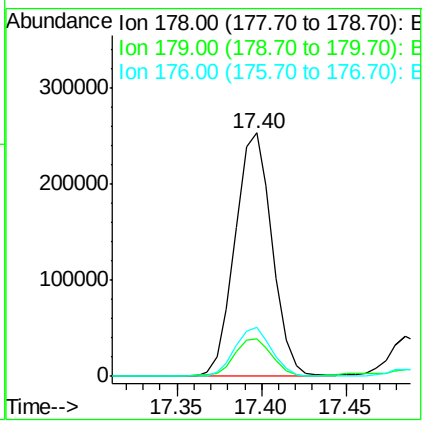


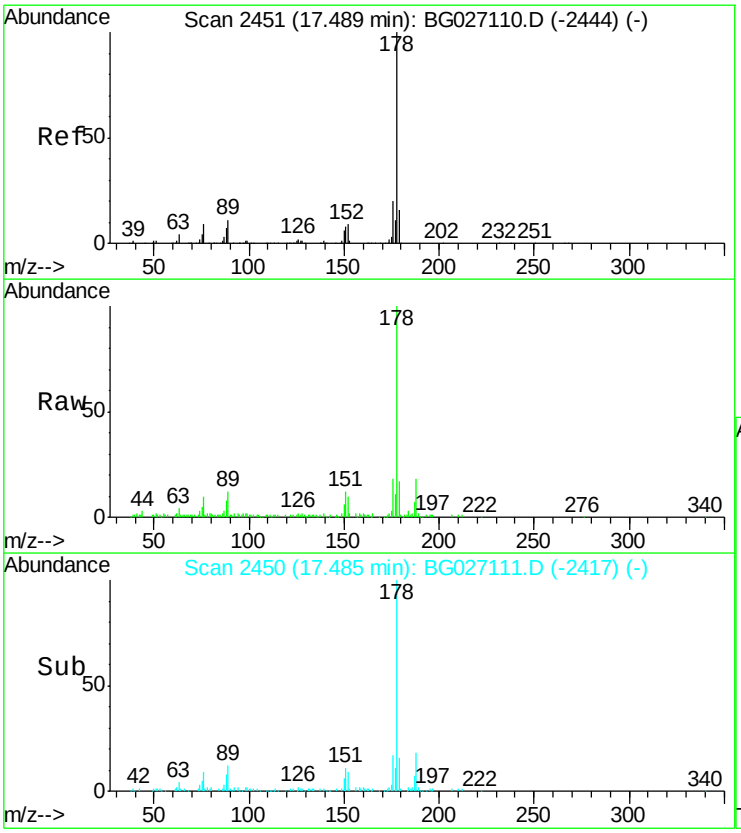
#13
Phenanthrene
Concen: 6.61 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 386767

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	20.0	15.1	22.7

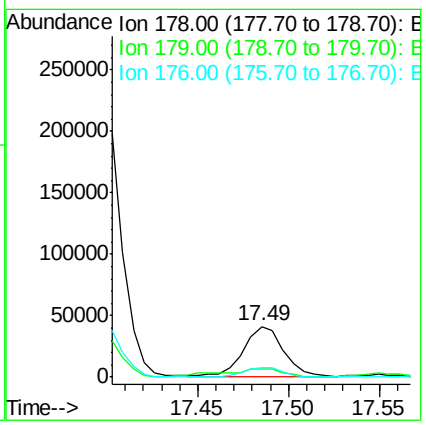


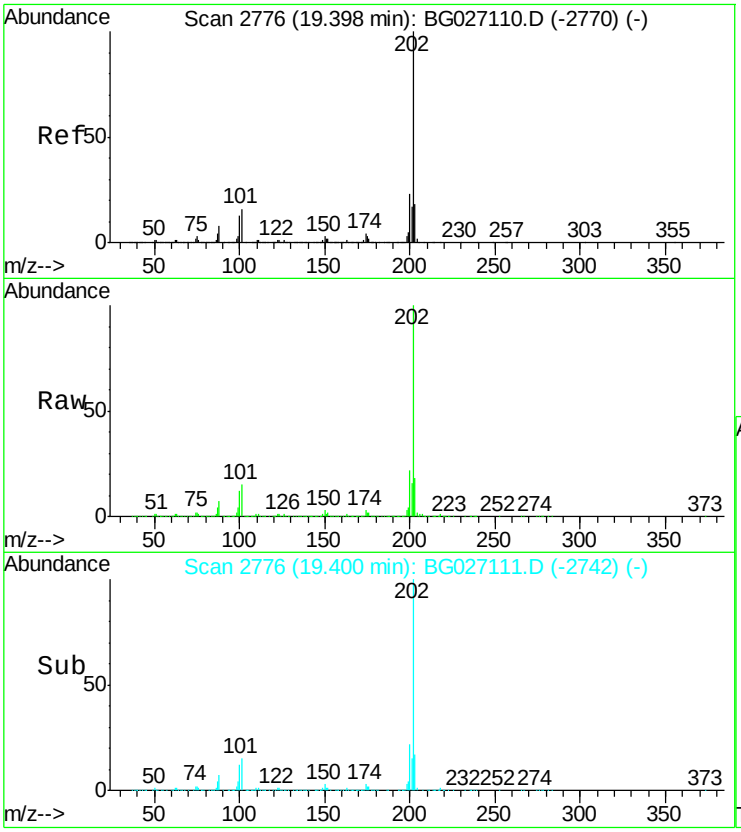


#15
Anthracene
Concen: 1.05 ng/ul
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Tgt Ion:178 Resp: 63275

Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.8	17.8
176	17.7	15.2	22.8



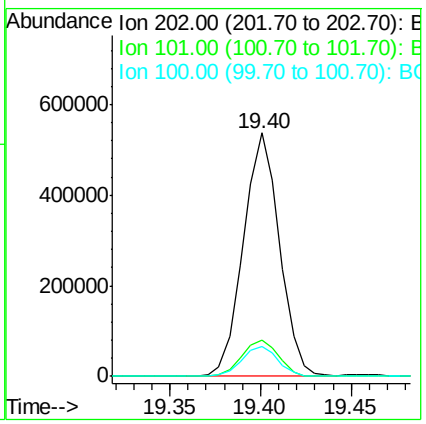


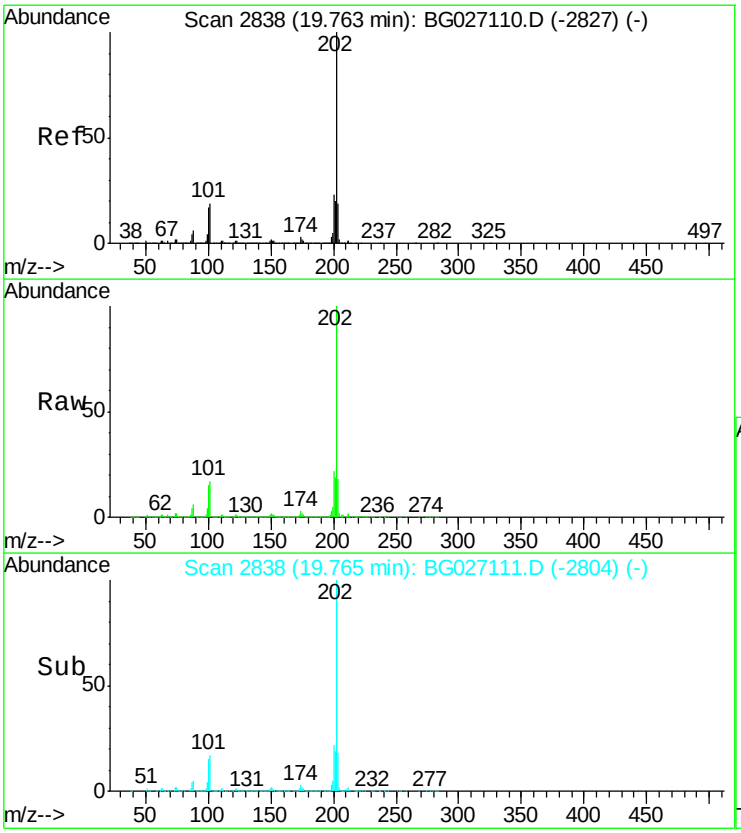
#16
Fluoranthene
Concen: 12.42 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 742445

Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	12.1	7.4	11.0#

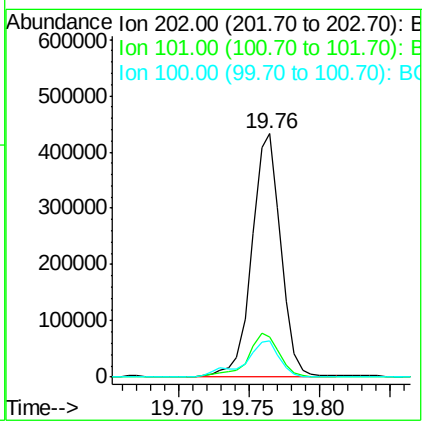


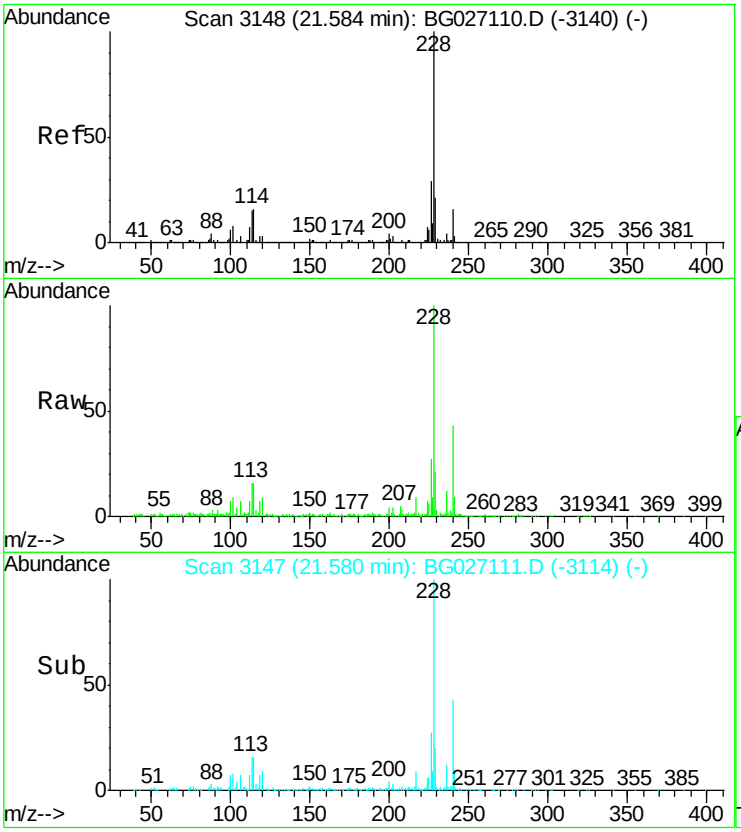


#19
Pyrene
Concen: 9.84 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Tgt Ion:202 Resp: 623832

Ion	Ratio	Lower	Upper
202	100		
101	16.6	11.0	16.4#
100	14.6	8.1	12.1#



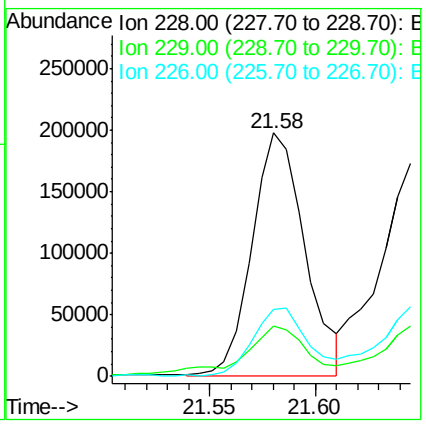


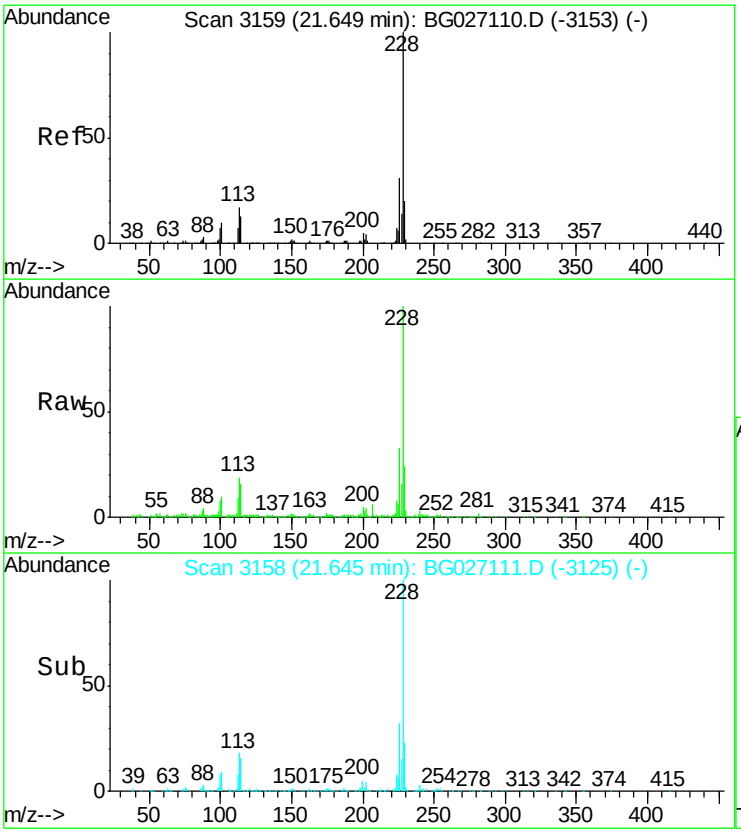
#20
Benzo(a)anthracene
Concen: 5.85 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 342202

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.4	21.1	31.7

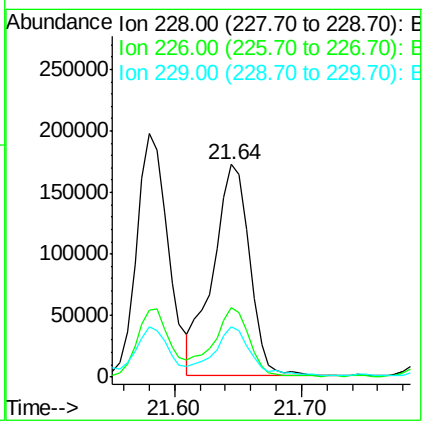


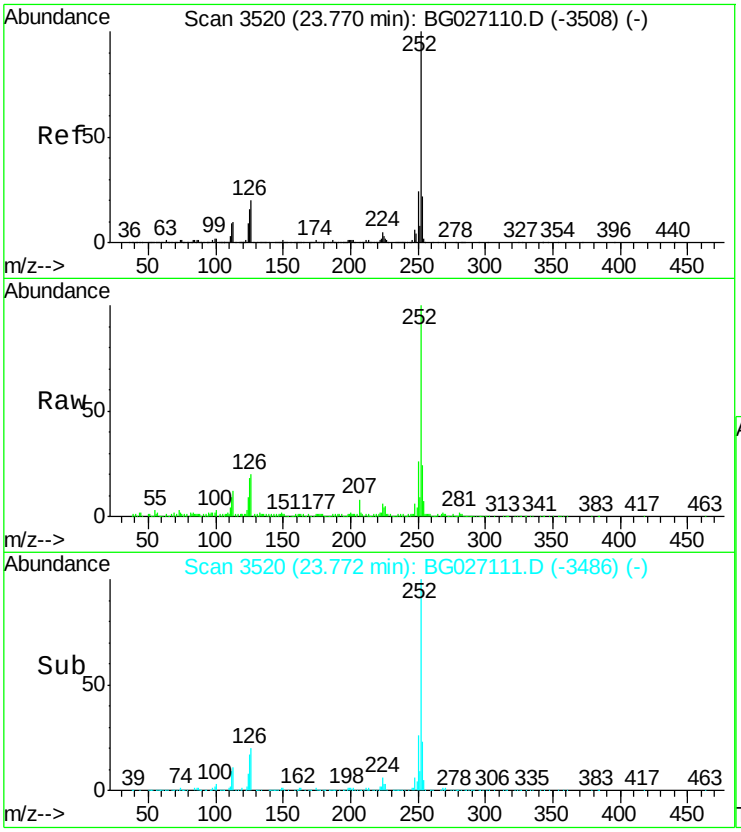


#21
Chrysene
Concen: 6.39 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Tgt Ion:228 Resp: 343011

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	23.7	15.8	23.8



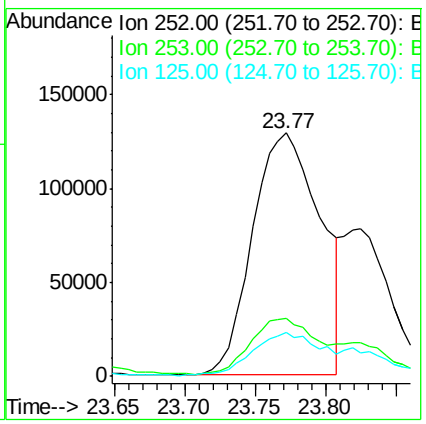


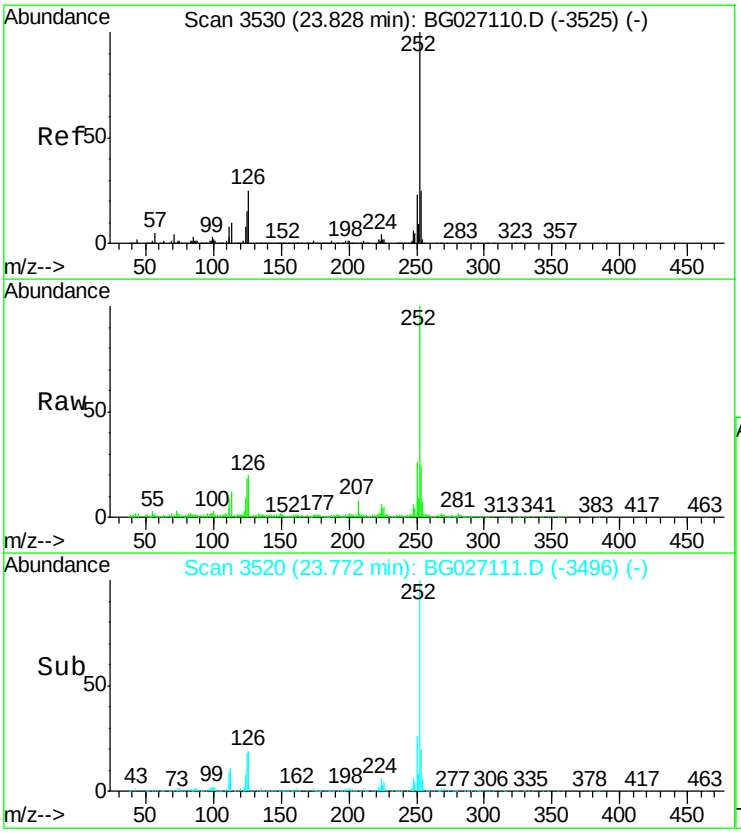
#23
Benzo(b)fluoranthene
Concen: 8.22 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 431810

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	18.1	8.0	12.0#

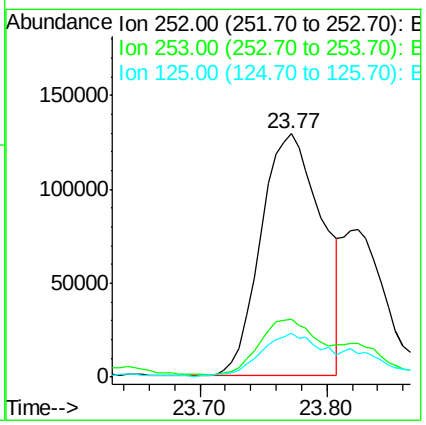


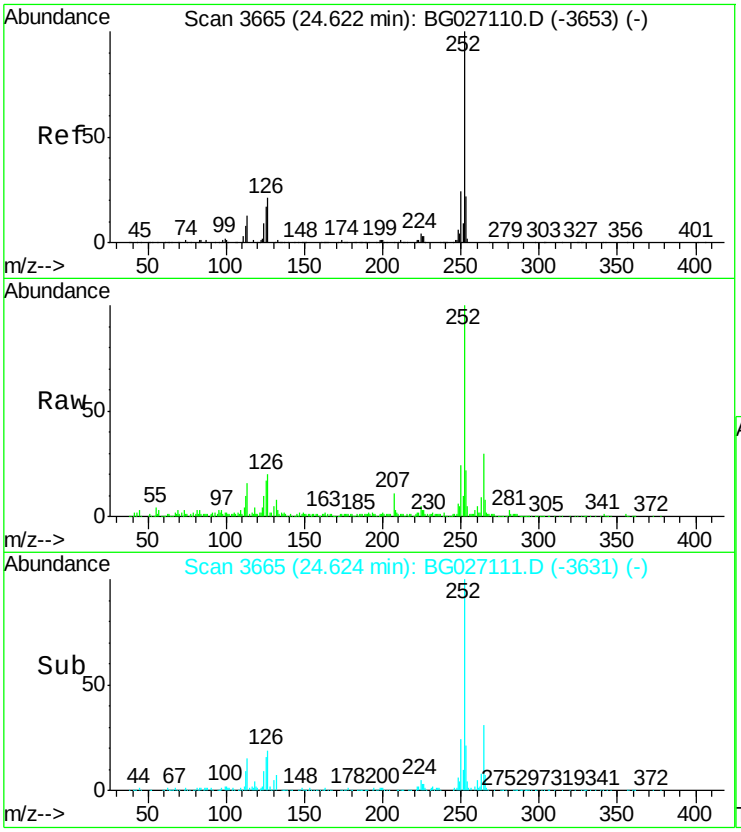


#24
Benzo(k)fluoranthene
Concen: 8.00 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.06 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Tgt Ion:252 Resp: 432289

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	18.1	8.1	12.1#



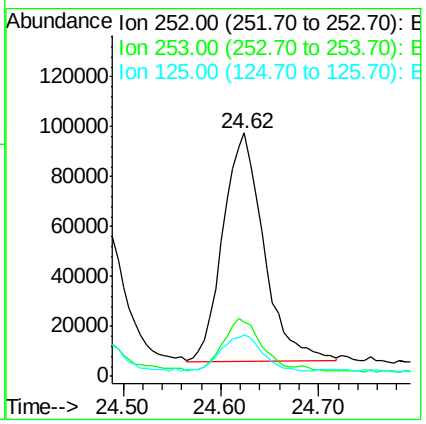


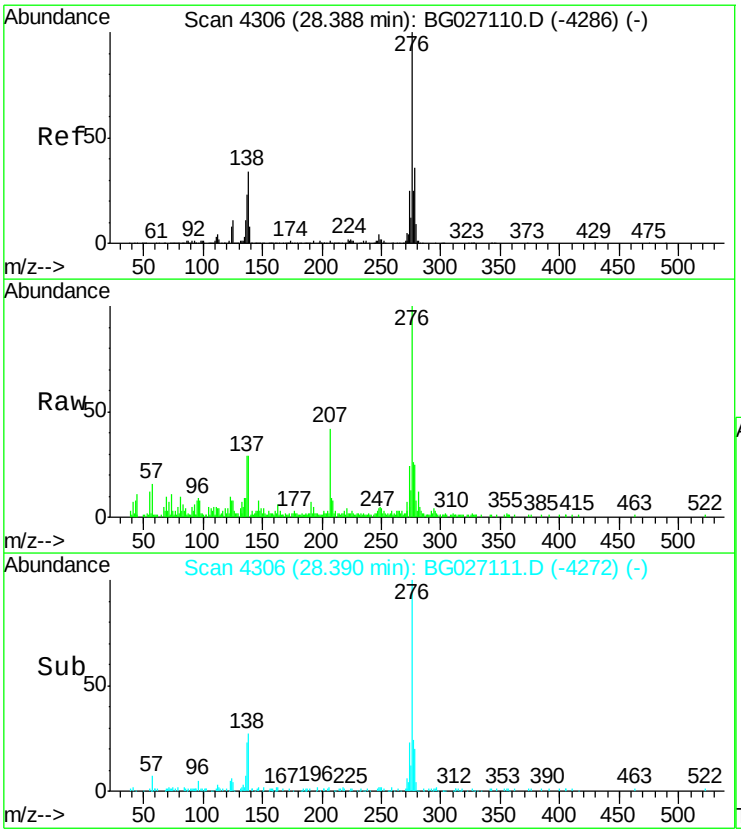
#26
Benzo(a)pyrene
Concen: 5.19 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 266786

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	17.1	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.09 ng/ul
RT: 28.39 min Scan# 4306
Delta R.T. 0.00 min
Lab File: BG027111.D
Acq: 24 May 2017 1:49

Tgt Ion:276 Resp: 98999

Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.4	21.6#
277	25.9	18.0	27.0