Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
Data File : BG027140.D
Acq On : 24 May 2017 22:47
Operator : SJ/MA
Sample : I3277-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 25 04:53:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 04:52:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	175567	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	844107	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	428330	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	768627	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	685918	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	611338	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	840102	19.12	ng/ul	0.00
10) Fluorene-d10	15.61	176	544220	18.57	ng/ul	0.00
14) Anthracene-d10	17.35	188	768627	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	724692	20.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	605401	19.93	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.40	178	74533	1.73	ng/ul	99
15) Anthracene	17.40	178	74533	1.69	ng/ul	99
16) Fluoranthene	19.40	202	152049	3.46	ng/ul#	92
19) Pyrene	19.76	202	132275	2.95	ng/ul#	90
20) Benzo(a)anthracene	21.58	228	76498	1.85	ng/ul	94
21) Chrysene	21.65	228	79911	2.11	ng/ul	94
23) Benzo(b)fluoranthene	23.77	252	95991	2.64	ng/ul#	86
24) Benzo(k)fluoranthene	23.77	252	95991	2.57	ng/ul#	86
26) Benzo(a)pyrene	24.63	252	63887	1.80	ng/ul#	86

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

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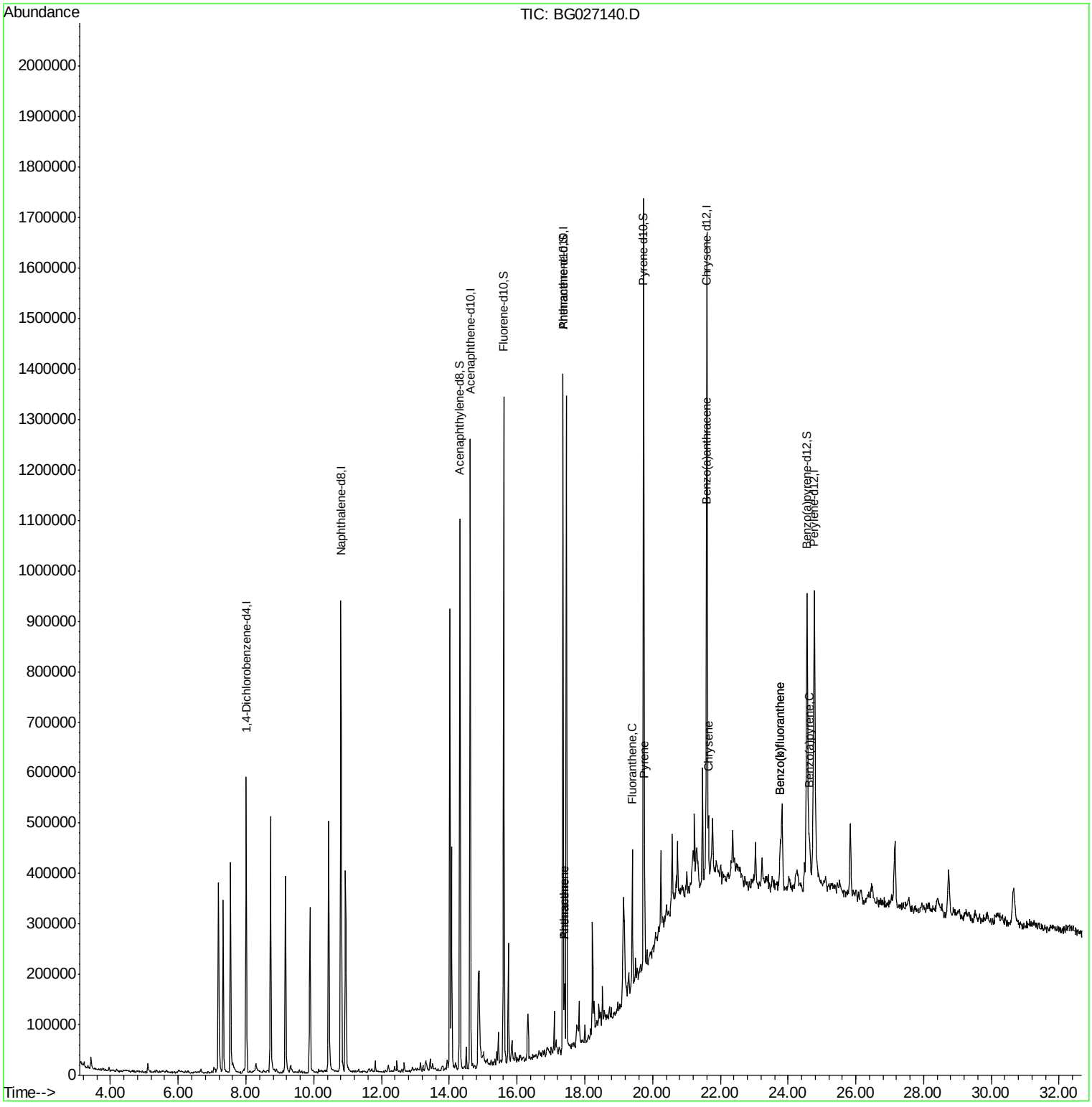
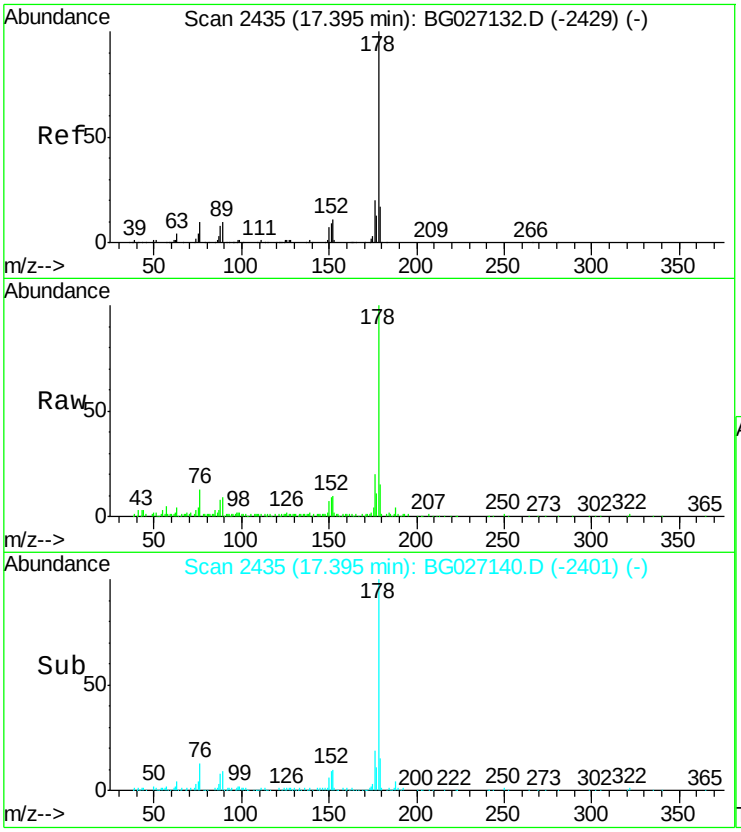


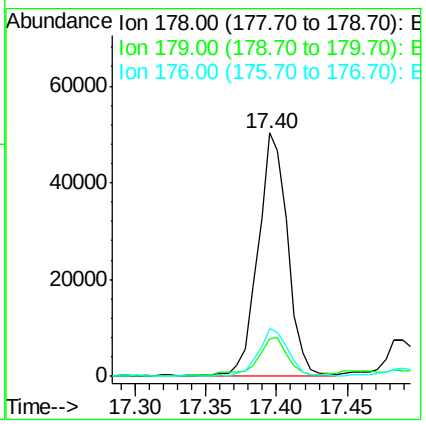


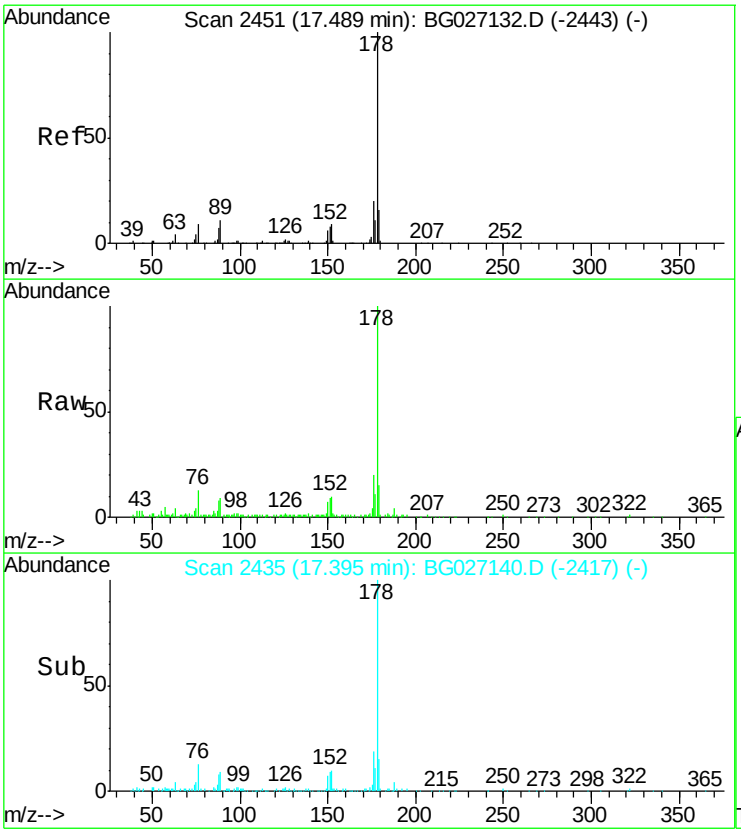
#13
Phenanthrene
Concen: 1.73 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 74533

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.5	15.1	22.7

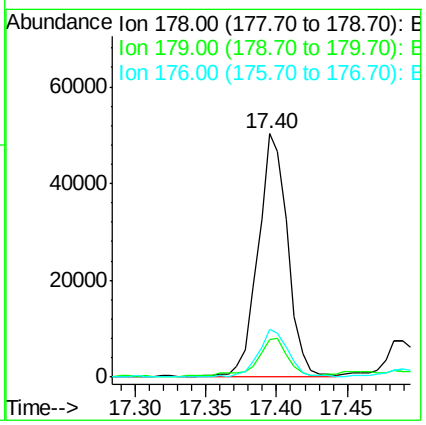


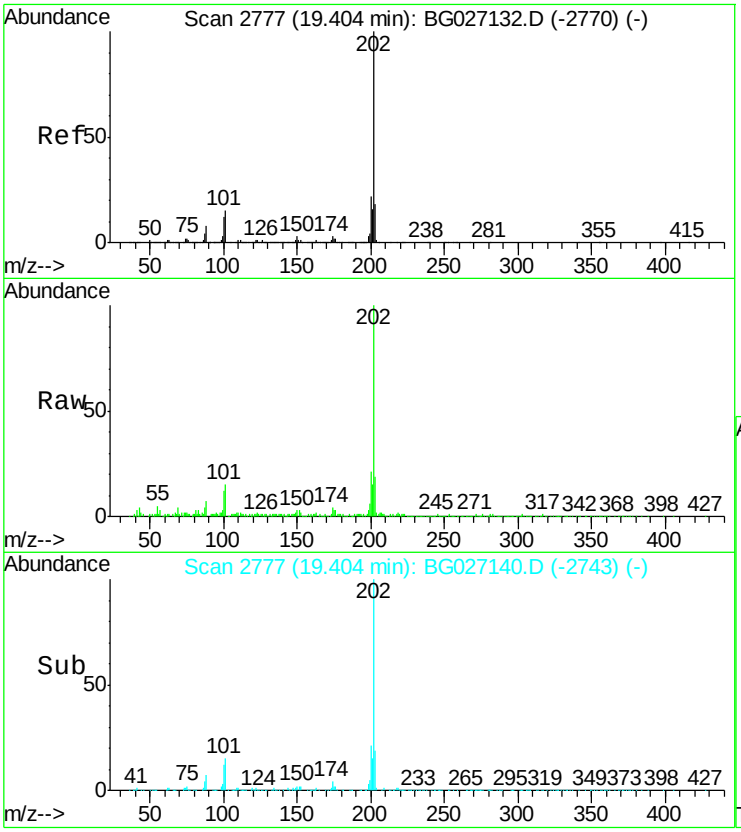


#15
Anthracene
Concen: 1.69 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. -0.09 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Tgt Ion:178 Resp: 74533

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.5	15.2	22.8



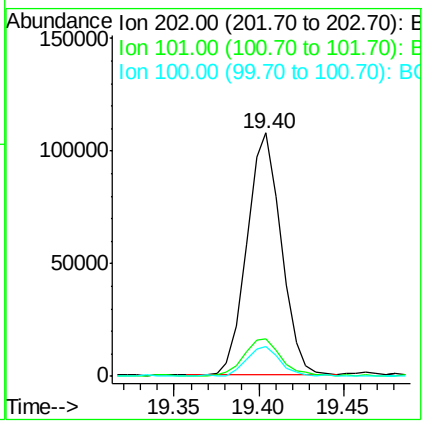


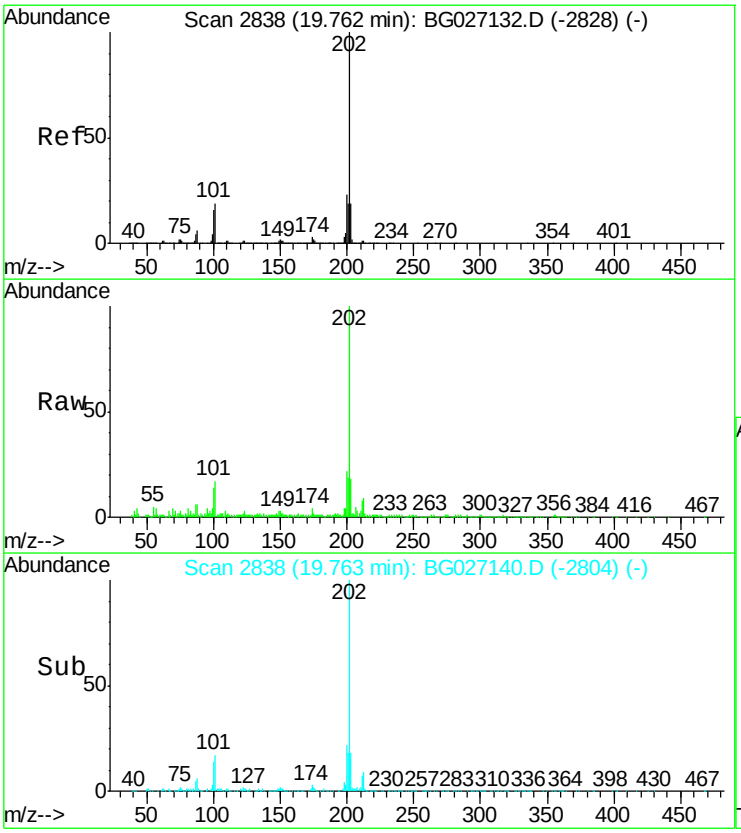
#16
Fluoranthene
Concen: 3.46 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 152049

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	12.4	7.4	11.0#

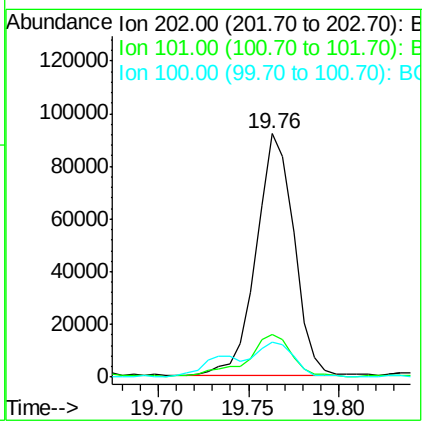


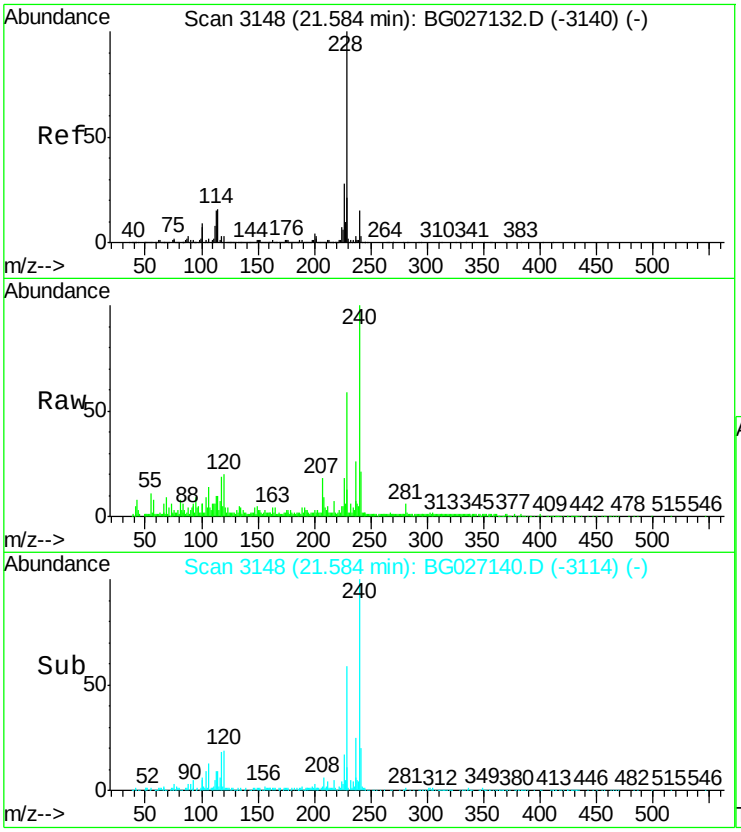


#19
Pyrene
Concen: 2.95 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Tgt Ion:202 Resp: 132275

Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	14.3	8.1	12.1#



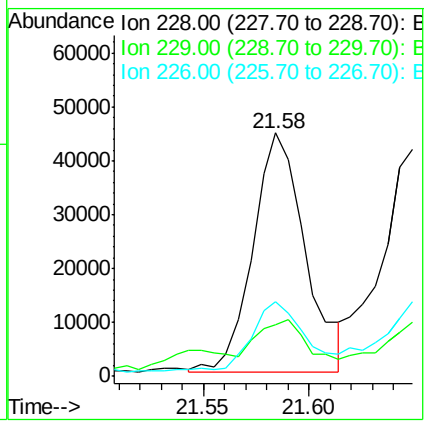


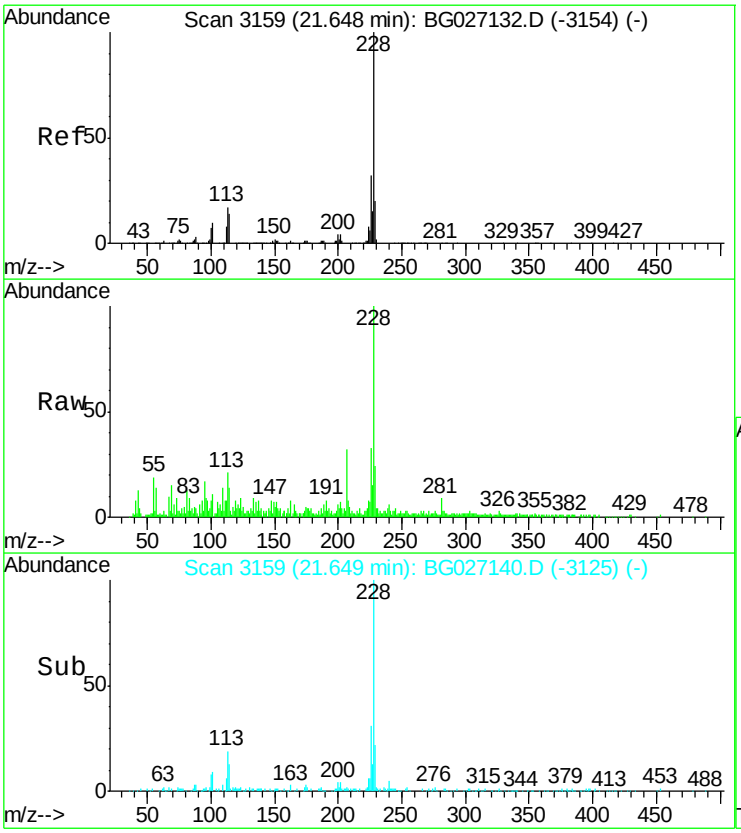
#20
Benzo(a)anthracene
Concen: 1.85 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 76498

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	30.5	21.1	31.7

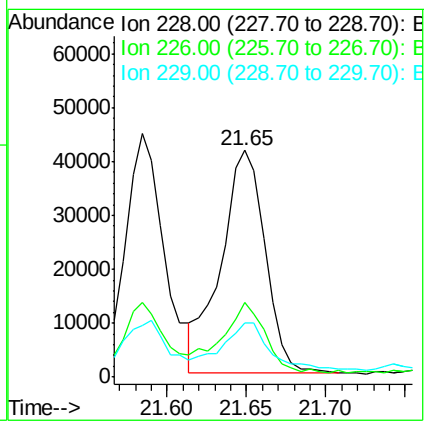


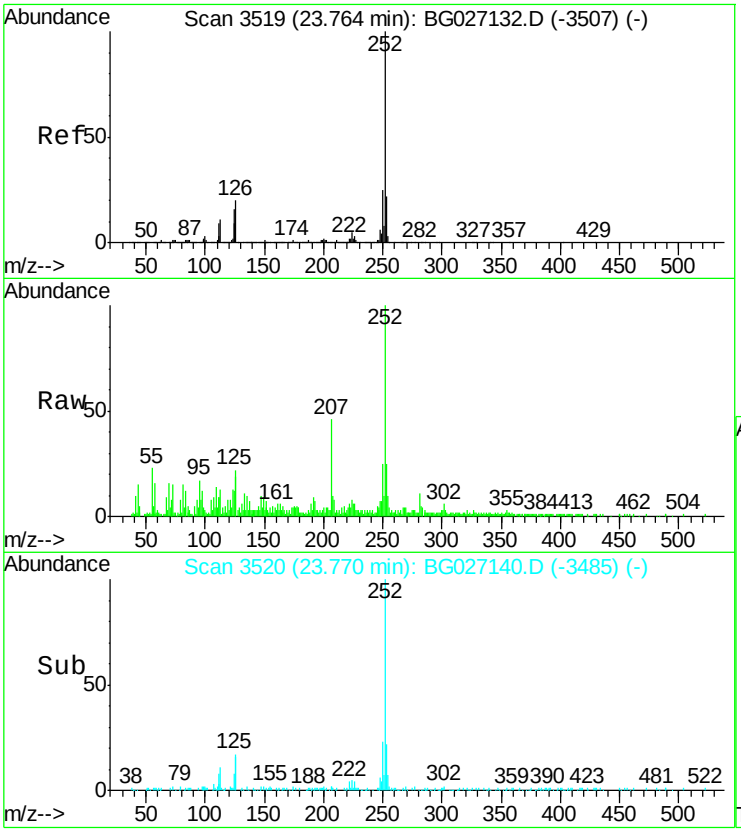


#21
Chrysene
Concen: 2.11 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Tgt Ion:228 Resp: 79911

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.5	36.7
229	23.7	15.8	23.8



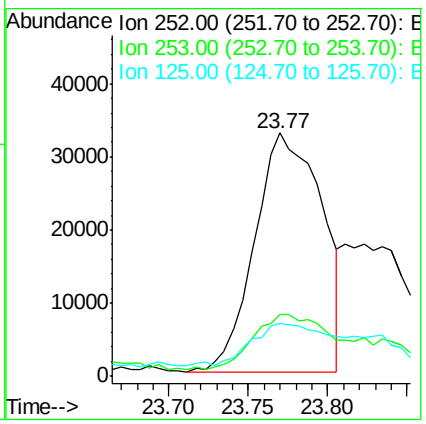


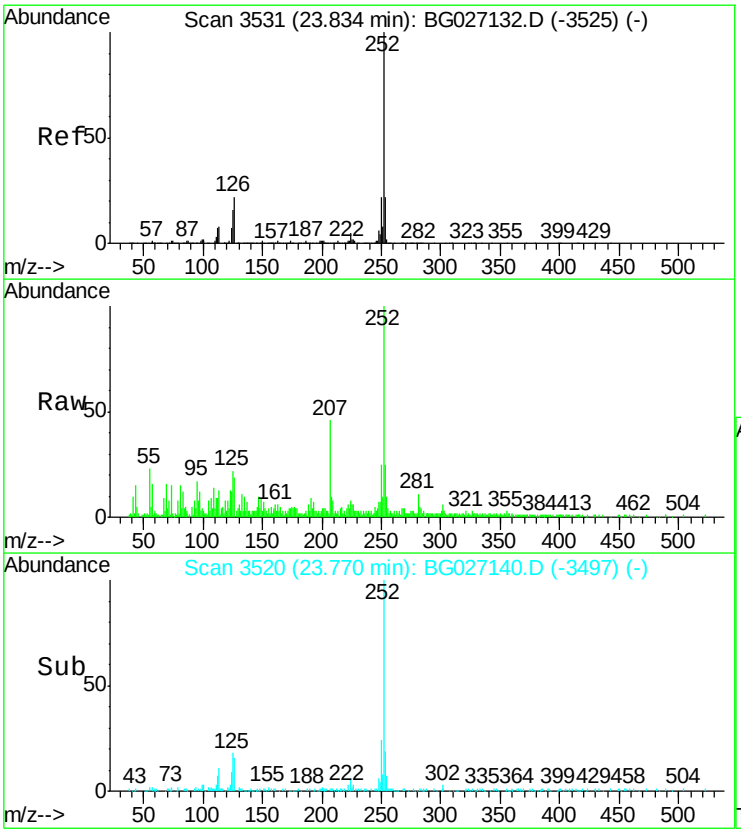
#23
Benzo(b)fluoranthene
Concen: 2.64 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 95991

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	21.7	8.0	12.0#

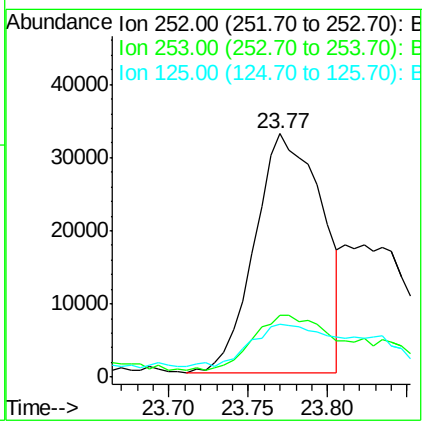


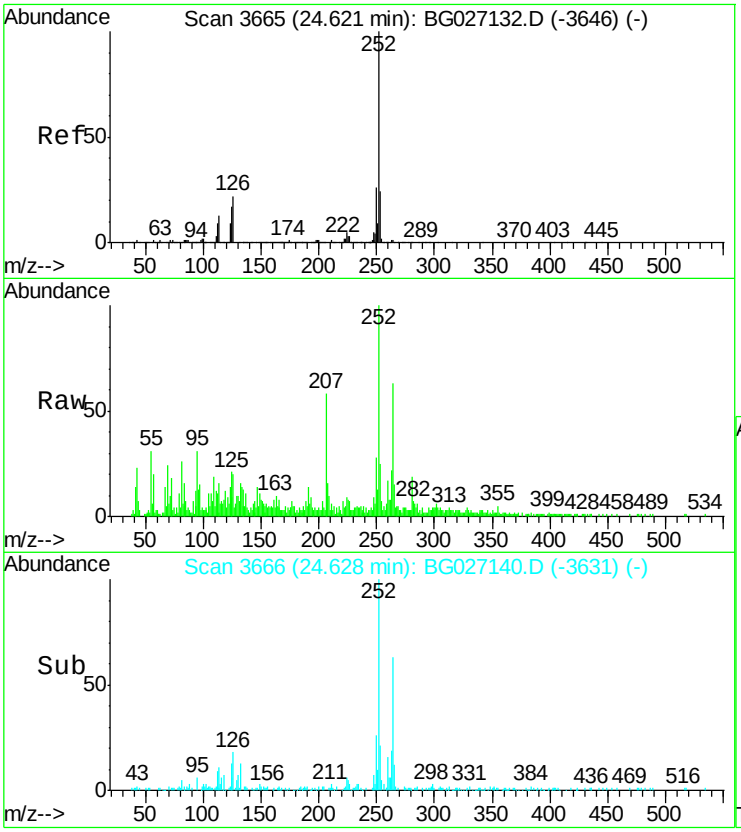


#24
Benzo(k)fluoranthene
Concen: 2.57 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.06 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Tgt Ion:252 Resp: 95991

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	21.7	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 1.80 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027140.D
Acq: 24 May 2017 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 63887

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	20.8	8.2	12.4#