Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
Data File : BG027142.D
Acq On : 25 May 2017 00:06
Operator : SJ/MA
Sample : I3277-21MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 25 04:54:06 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	171148	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	834307	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	443254	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	802983	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	707460	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	642129	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	909945	20.01	ng/ul	0.00
10) Fluorene-d10	15.61	176	583109	19.22	ng/ul	0.00
14) Anthracene-d10	17.45	188	772409	19.73	ng/ul	0.00
18) Pyrene-d10	19.74	212	744151	20.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	619872	19.43	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.68	153	629583	20.13	ng/ul	96
13) Phenanthrene	17.40	178	165459	3.69	ng/ul	98
15) Anthracene	17.40	178	165459	3.59	ng/ul	99
16) Fluoranthene	19.40	202	311400	6.79	ng/ul#	93
19) Pyrene	19.77	202	1188003	25.69	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	143373	3.36	ng/ul	97
21) Chrysene	21.65	228	153892	3.93	ng/ul	98
23) Benzo(b)fluoranthene	23.78	252	189704	4.97	ng/ul#	92
24) Benzo(k)fluoranthene	23.78	252	189704	4.83	ng/ul#	92
26) Benzo(a)pyrene	24.63	252	111478	2.99	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.41	276	59190	1.72	ng/ul#	84

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

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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :

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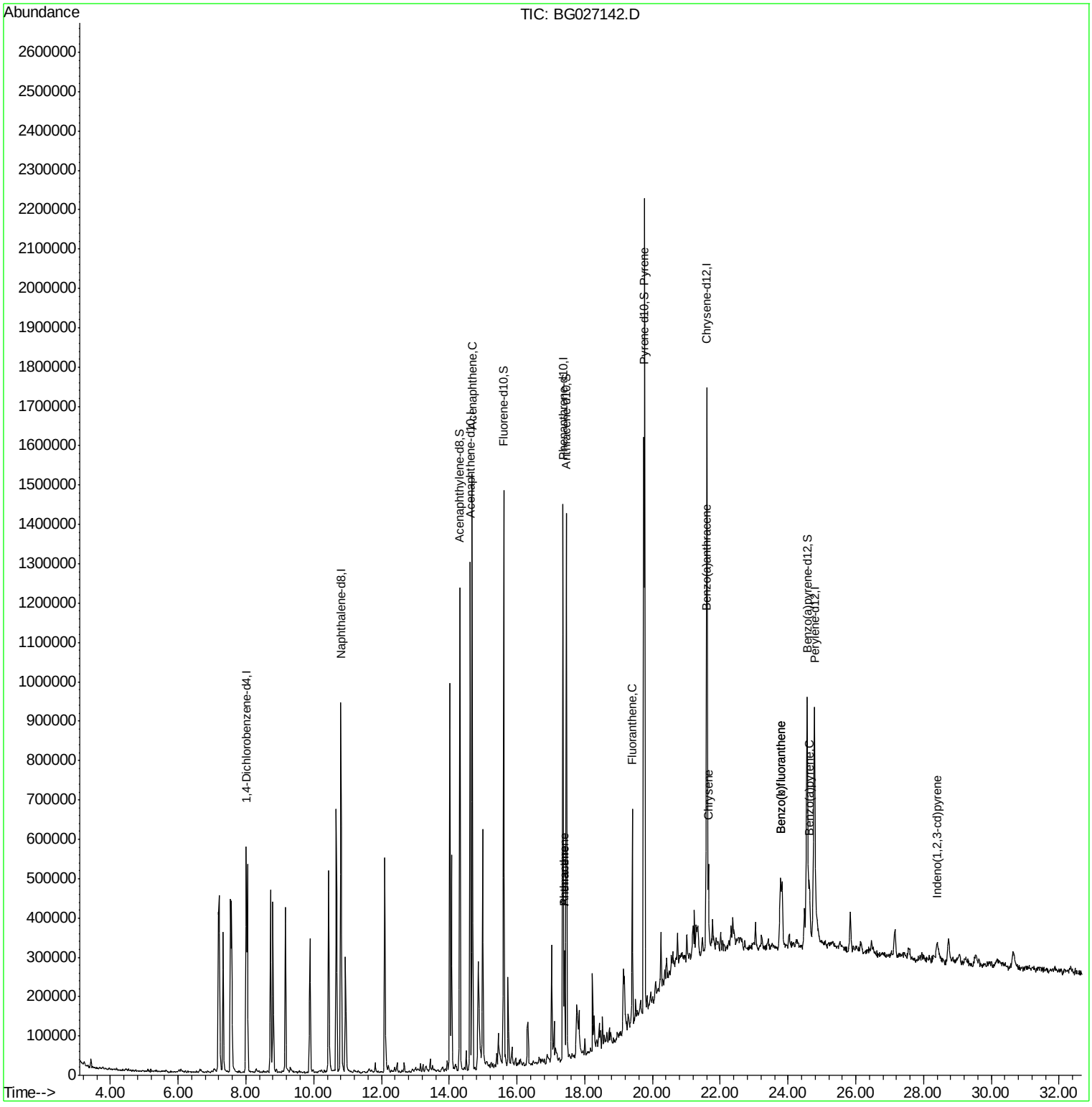
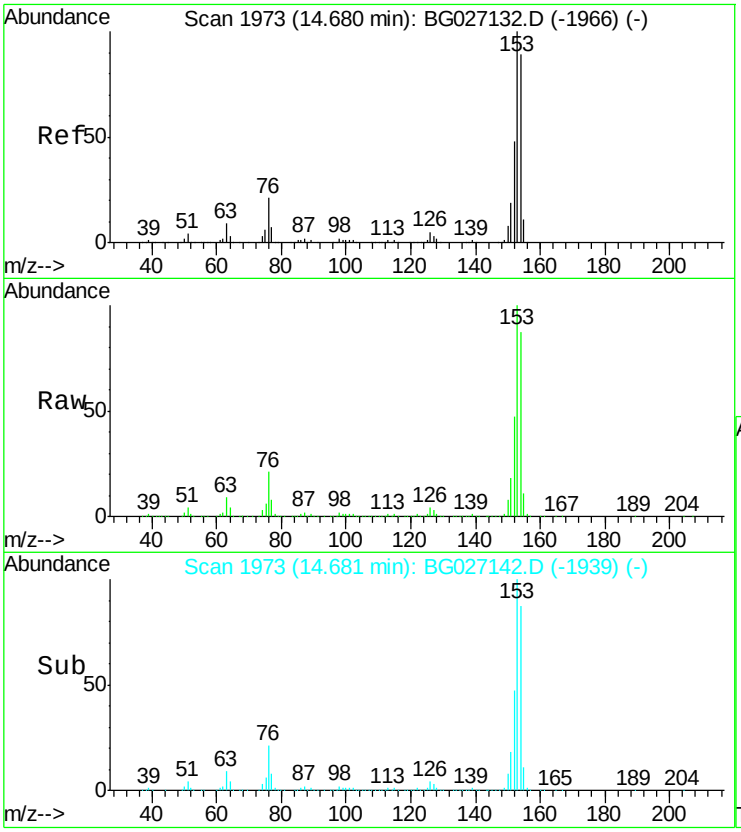
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 04:52:31 2017
Response via : Initial Calibration



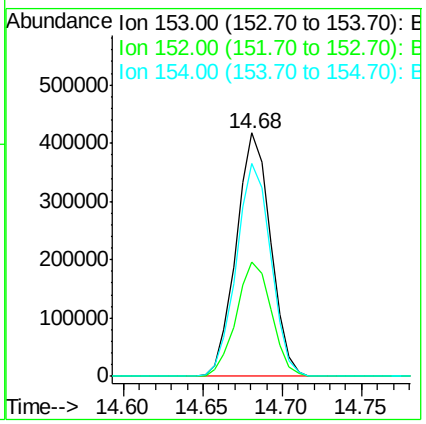


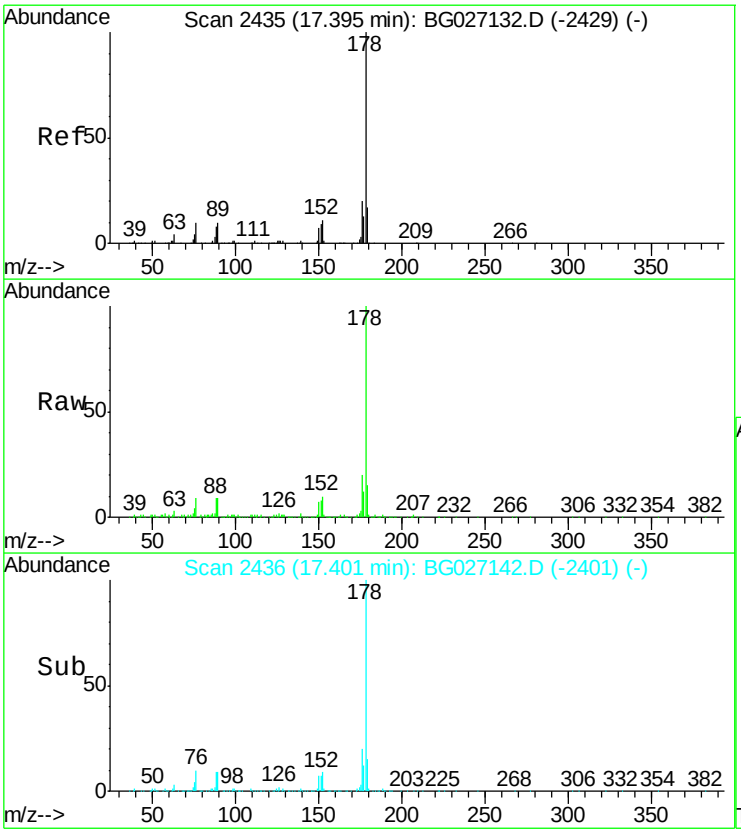
#9
Acenaphthene
Concen: 20.13 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 629583

Ion	Ratio	Lower	Upper
153	100		
152	46.9	39.0	58.6
154	87.2	66.8	100.2

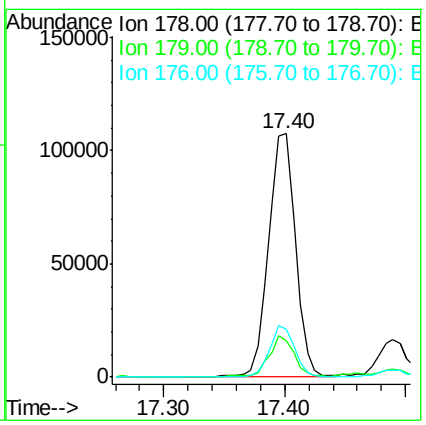


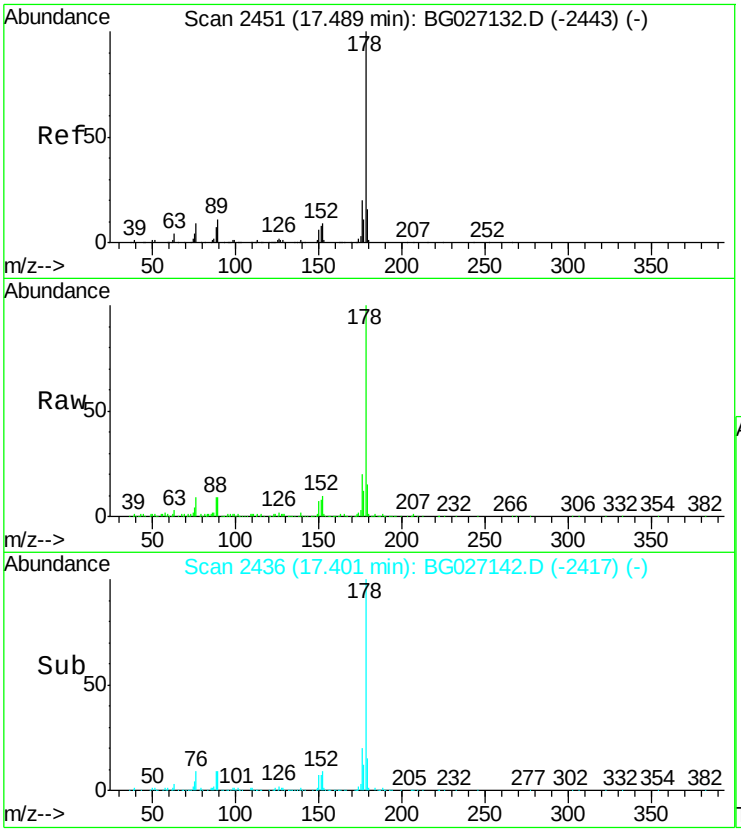


#13
Phenanthrene
Concen: 3.69 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Tgt Ion:178 Resp: 165459

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	19.7	15.1	22.7



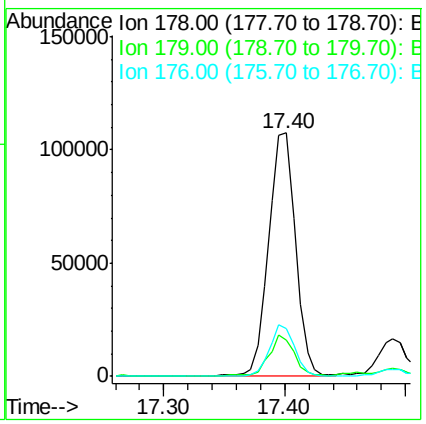


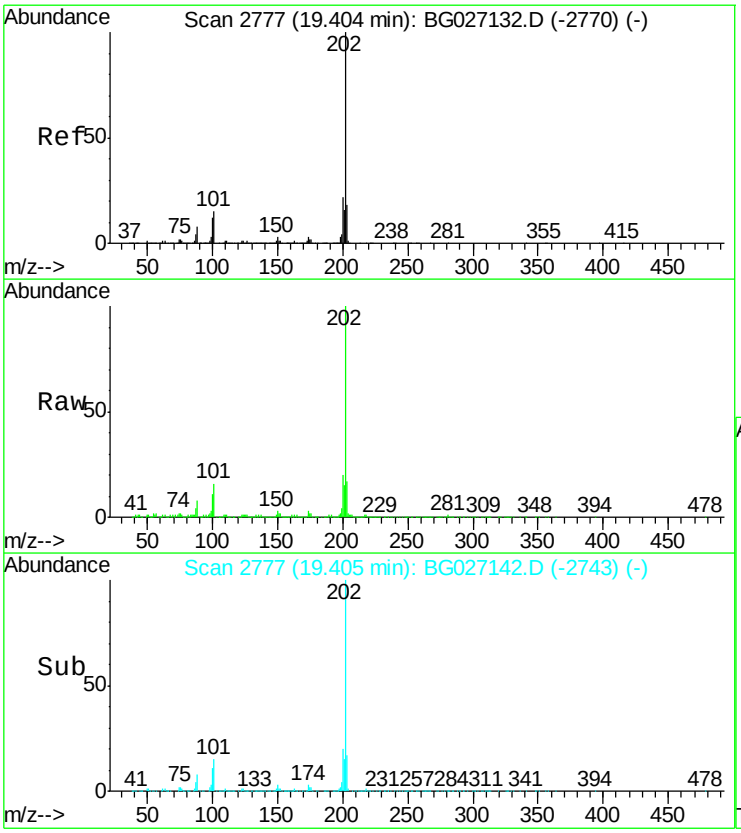
#15
Anthracene
Concen: 3.59 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. -0.09 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 165459

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.8	17.8
176	19.7	15.2	22.8

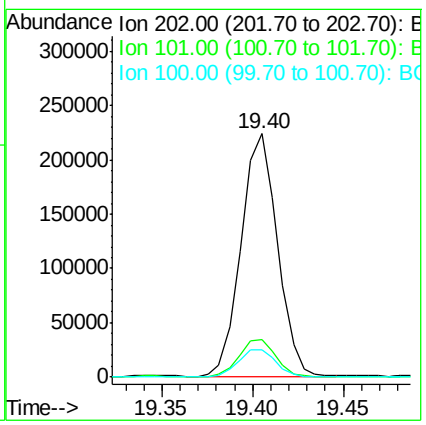


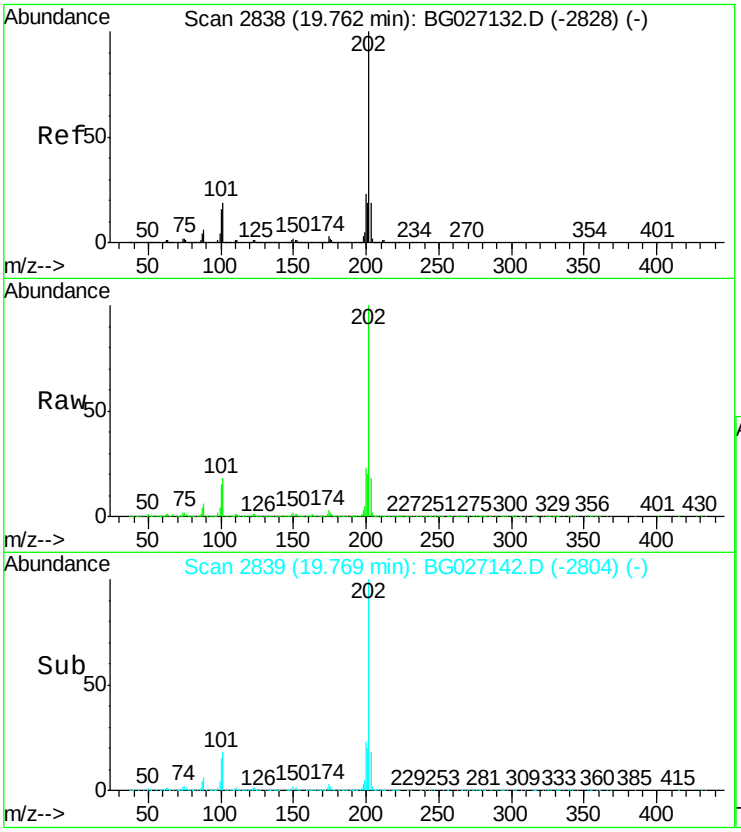


#16
Fluoranthene
Concen: 6.79 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Tgt Ion:202 Resp: 311400

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.3	7.4	11.0#



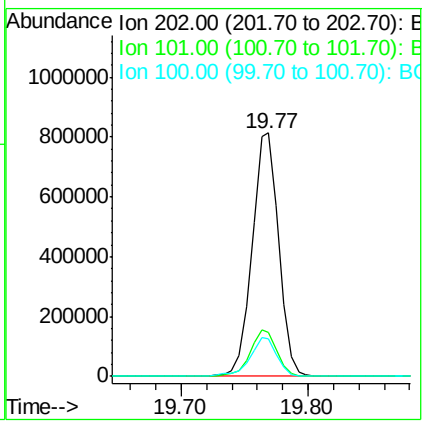


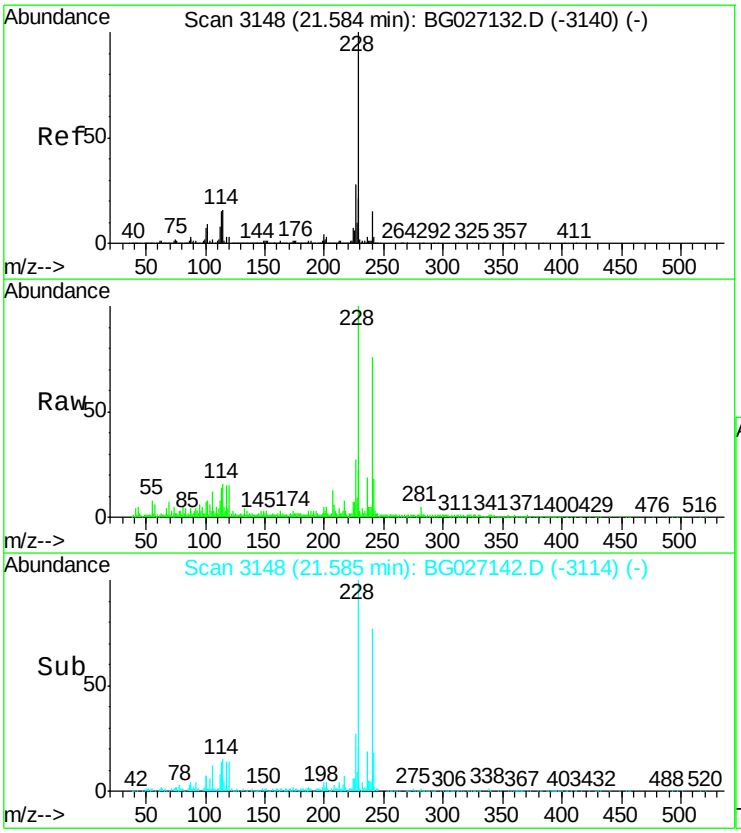
#19
Pyrene
Concen: 25.69 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1188003

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	15.4	8.1	12.1#

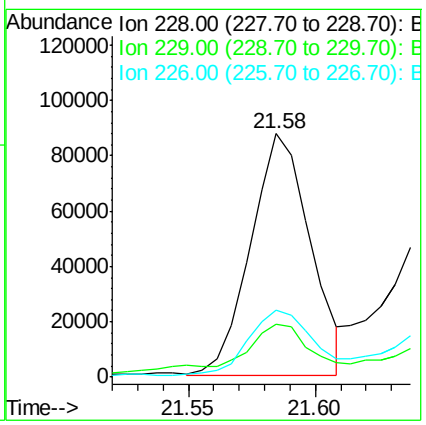


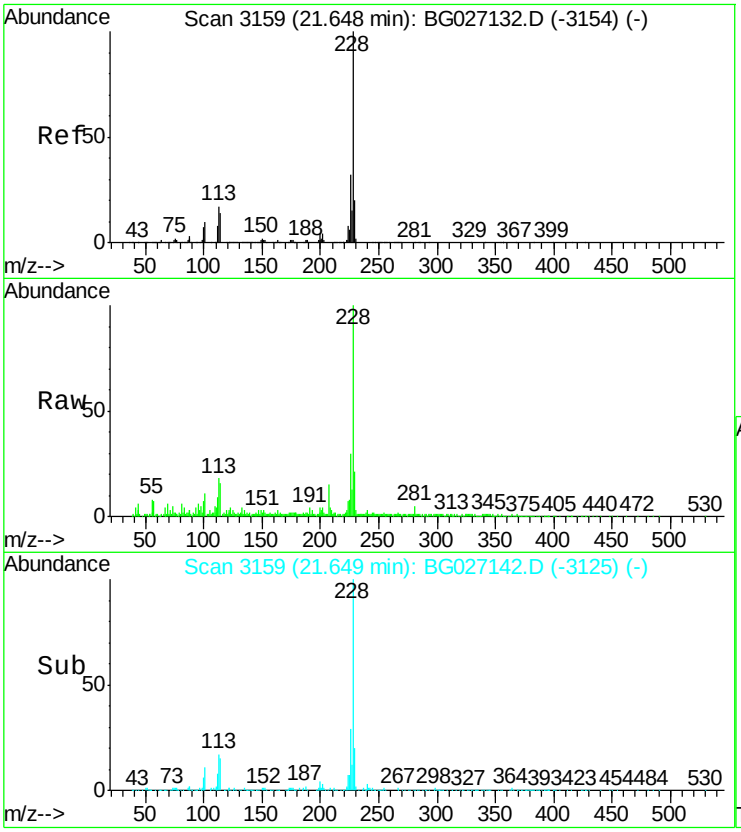


#20
Benzo(a)anthracene
Concen: 3.36 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Tgt Ion:228 Resp: 143373

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	27.3	21.1	31.7



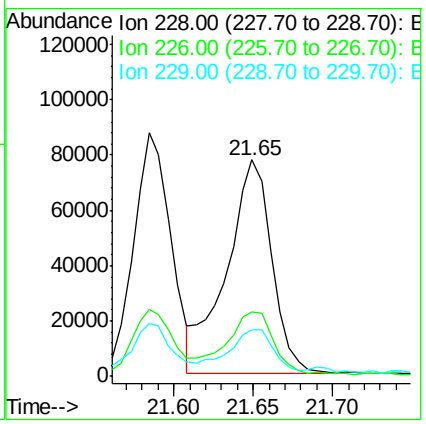


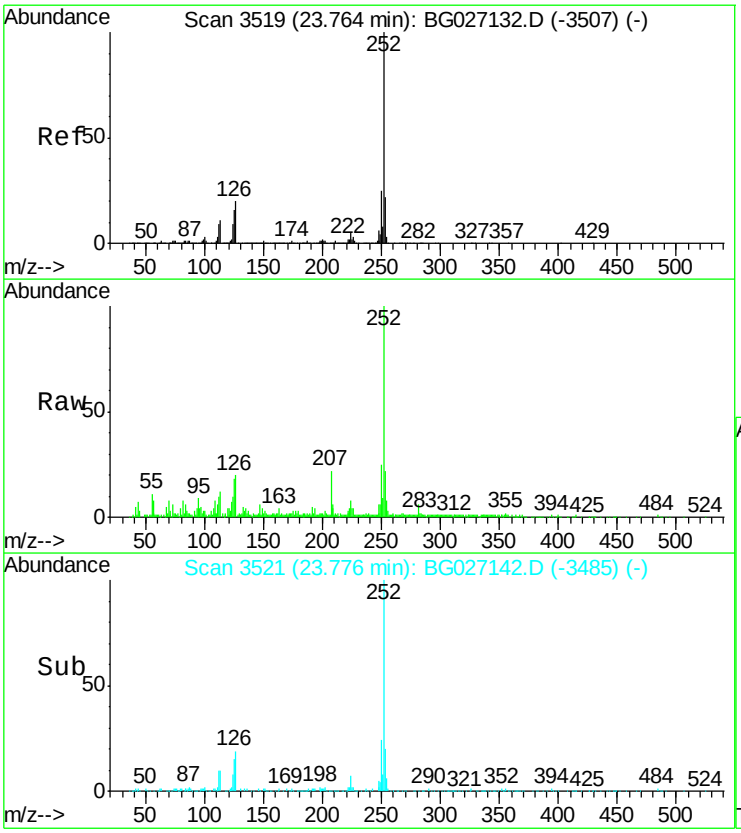
#21
Chrysene
Concen: 3.93 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 153892

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	21.2	15.8	23.8

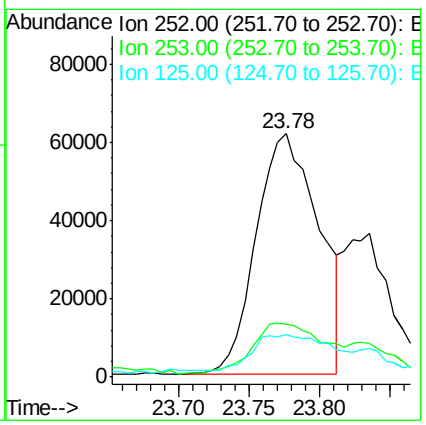


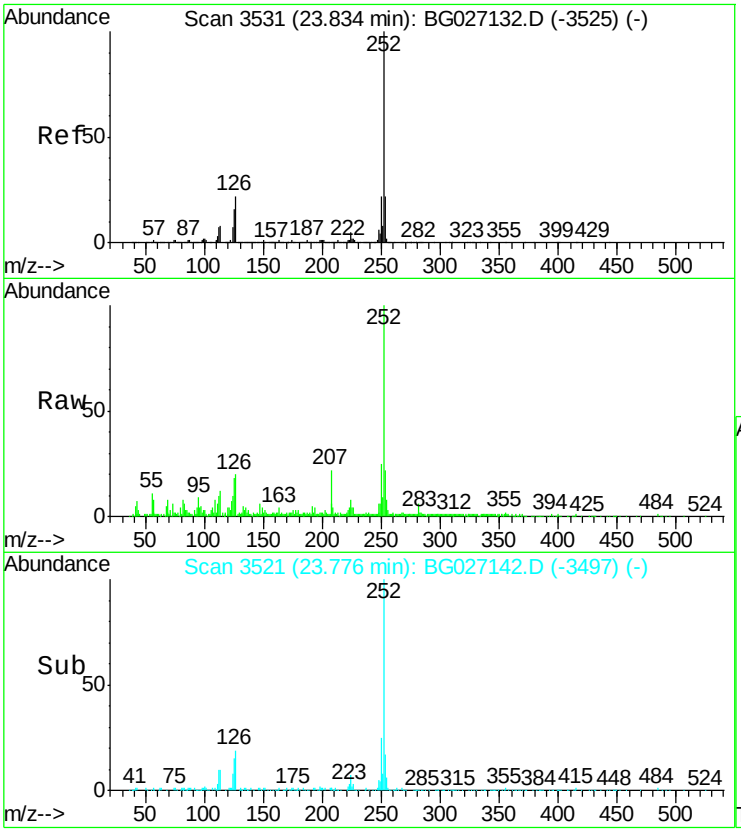


#23
Benzo(b)fluoranthene
Concen: 4.97 ng/ul
RT: 23.78 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Tgt Ion:252 Resp: 189704

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	17.8	8.0	12.0#



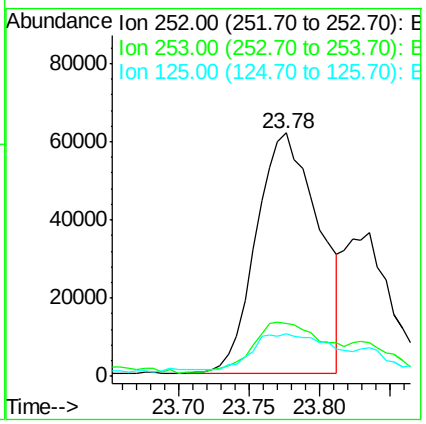


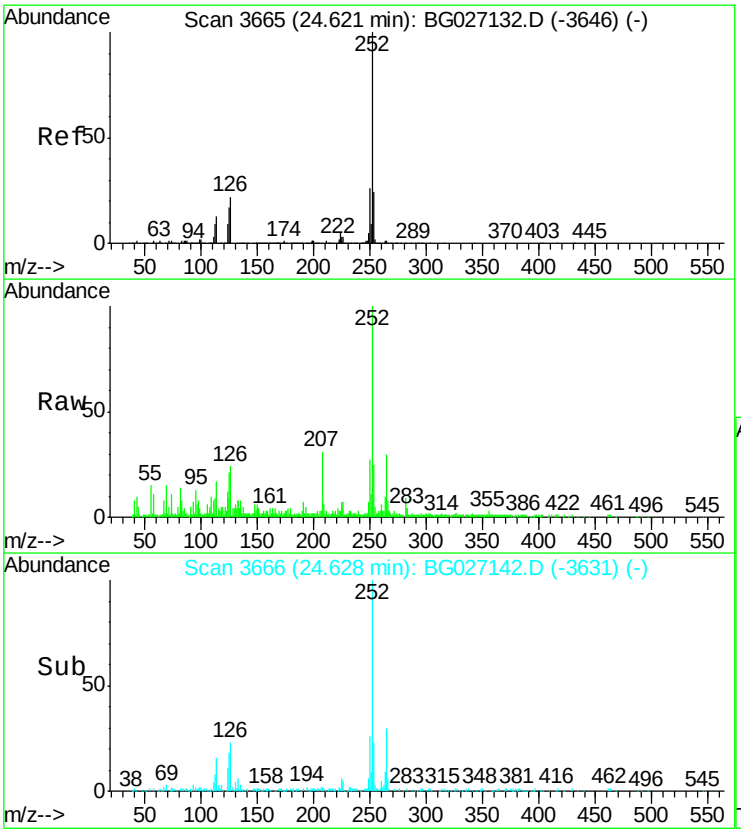
#24
Benzo(k)fluoranthene
Concen: 4.83 ng/ul
RT: 23.78 min Scan# 3521
Delta R.T. -0.06 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 189704

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	17.8	8.1	12.1#

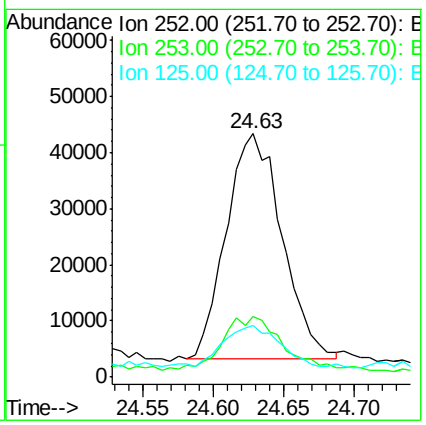


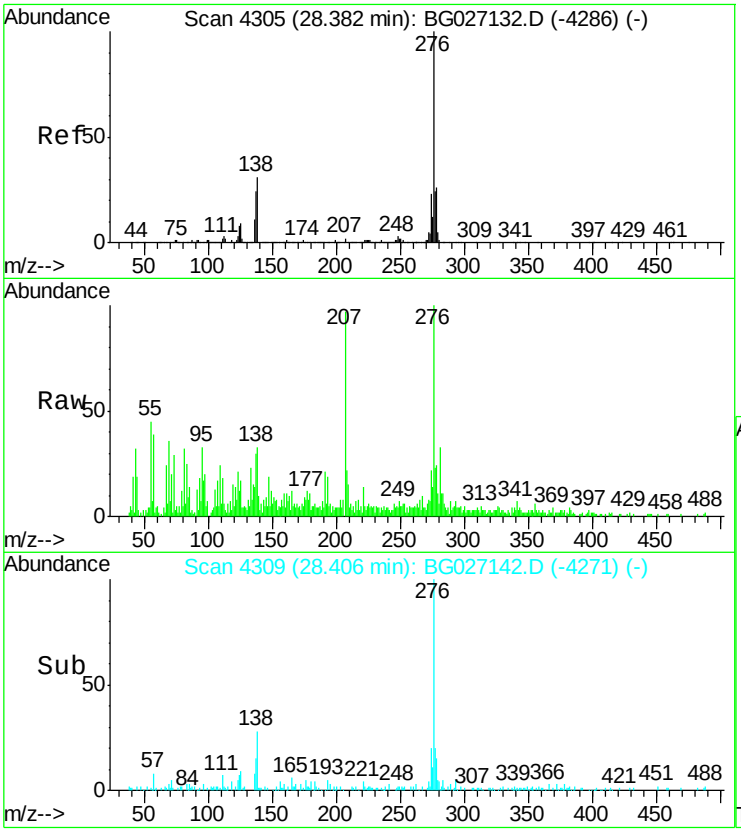


#26
Benzo(a)pyrene
Concen: 2.99 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Tgt Ion:252 Resp: 111478

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	21.0	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng/ul
RT: 28.41 min Scan# 4309
Delta R.T. 0.02 min
Lab File: BG027142.D
Acq: 25 May 2017 00:06

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 59190

Ion	Ratio	Lower	Upper
276	100		
138	33.2	14.4	21.6#
277	23.1	18.0	27.0