Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
Data File : BG027138.D
Acq On : 24 May 2017 21:29
Operator : SJ/MA
Sample : I3277-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 25 04:53:17 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	177659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	879451	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	466642	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	842285	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	735960	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	680828	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	785756	16.42	ng/ul	0.00
10) Fluorene-d10	15.60	176	501182	15.70	ng/ul	0.00
14) Anthracene-d10	17.45	188	695178	16.93	ng/ul	0.00
18) Pyrene-d10	19.73	212	689614	17.95	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	582792	17.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.86	128	61887	1.36	ng/ul	97
9) Acenaphthene	14.68	153	36241	1.10	ng/ul	96
11) Fluorene	15.66	166	40814	1.16	ng/ul	97
13) Phenanthrene	17.40	178	708966	15.06	ng/ul	99
15) Anthracene	17.49	178	137201	2.84	ng/ul	98
16) Fluoranthene	19.40	202	1196954	24.87	ng/ul#	91
19) Pyrene	19.76	202	1010357	21.00	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	513143	11.57	ng/ul	96
21) Chrysene	21.65	228	517961	12.72	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	730641	18.06	ng/ul#	94
24) Benzo(k)fluoranthene	23.77	252	730641	17.55	ng/ul#	94
26) Benzo(a)pyrene	24.63	252	429564	10.85	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.39	276	240753	6.61	ng/ul#	81
28) Dibenzo(a,h)anthracene	28.42	278	36048	1.15	ng/ul#	89
29) Benzo(g,h,i)perylene	29.52	276	80084	2.77	ng/ul#	87

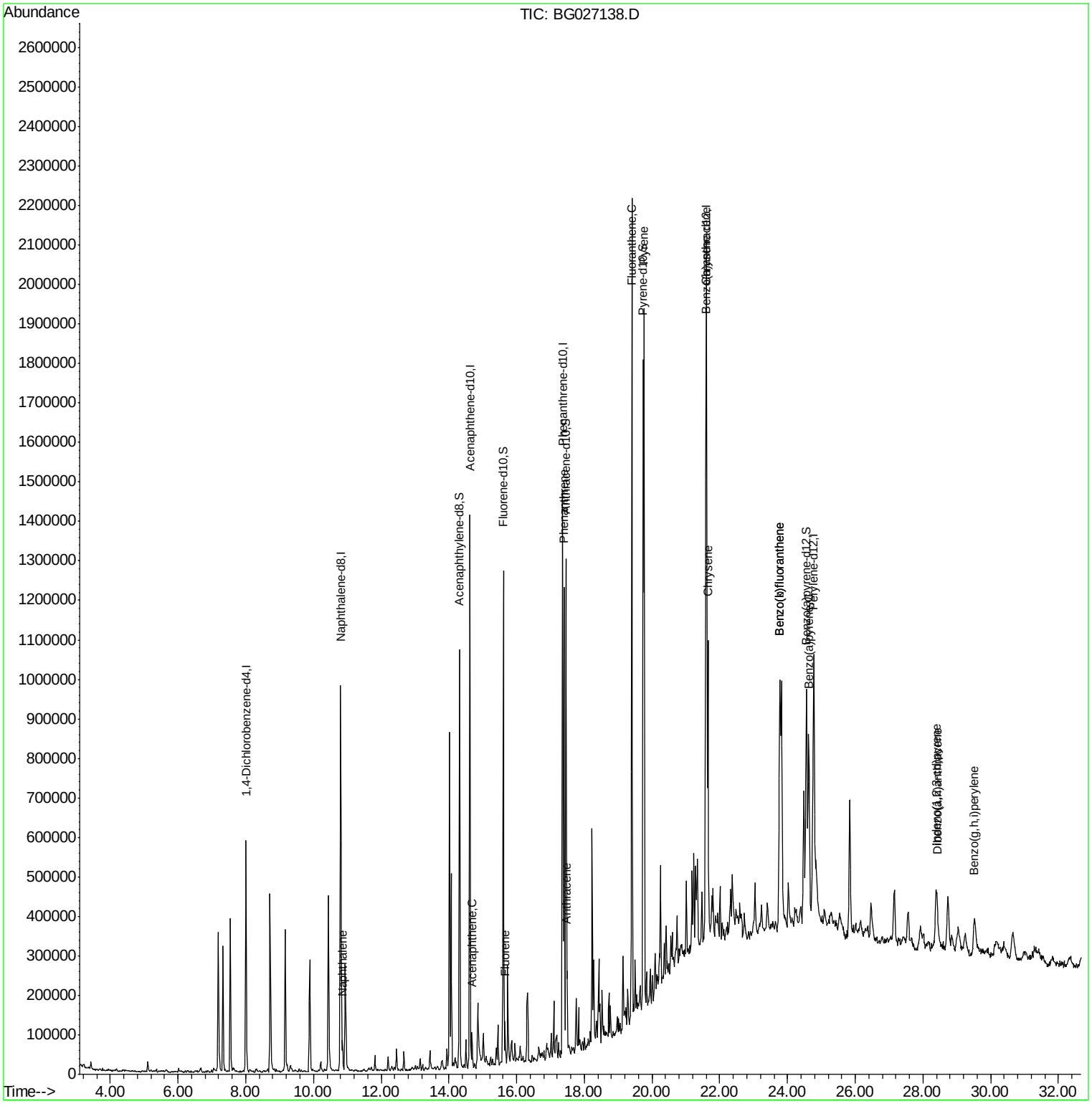
(#) = qualifier out of range (m) = manual integration (+) = signals summed

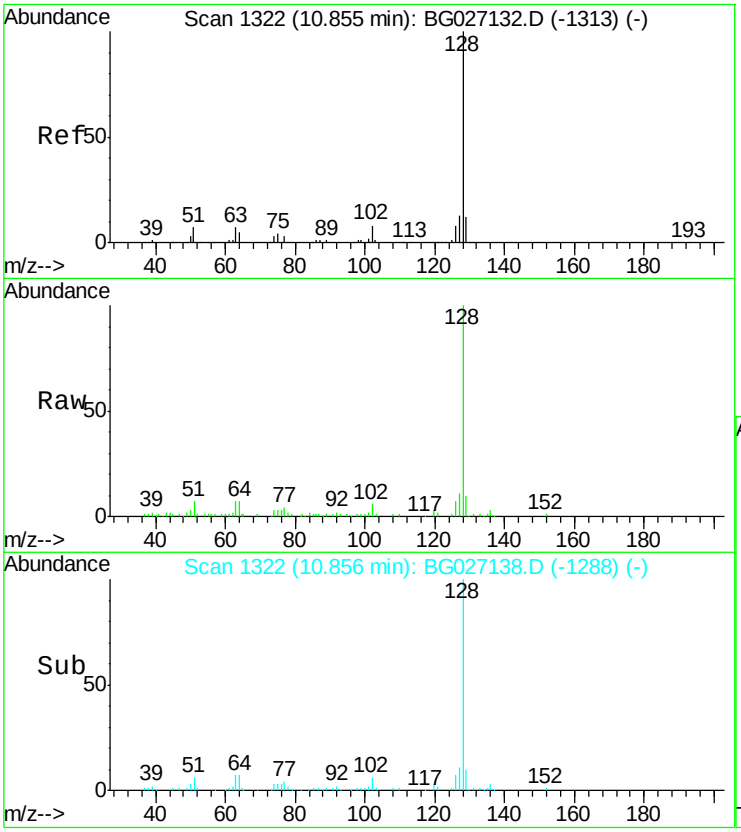
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
Data File : BG027138.D
Acq On : 24 May 2017 21:29
Operator : SJ/MA
Sample : I3277-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 25 04:53:17 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



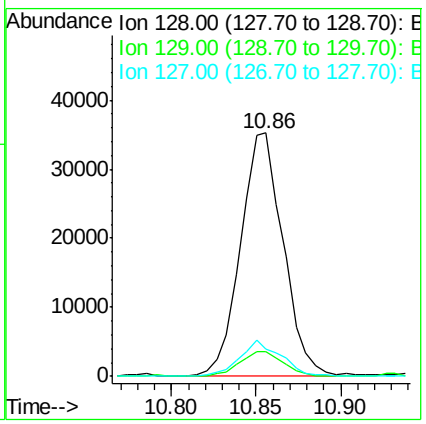


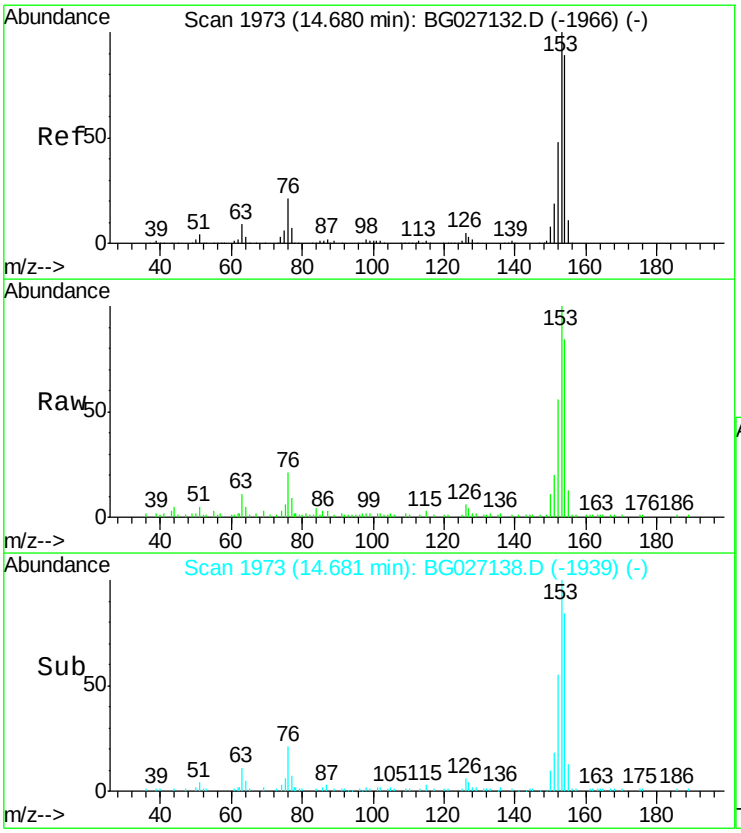
#3
Naphthalene
Concen: 1.36 ng/ul
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 61887

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	11.4	10.6	16.0

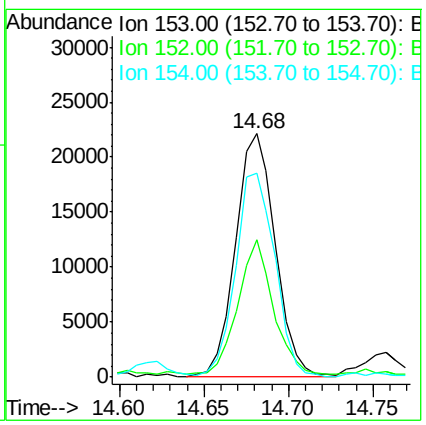


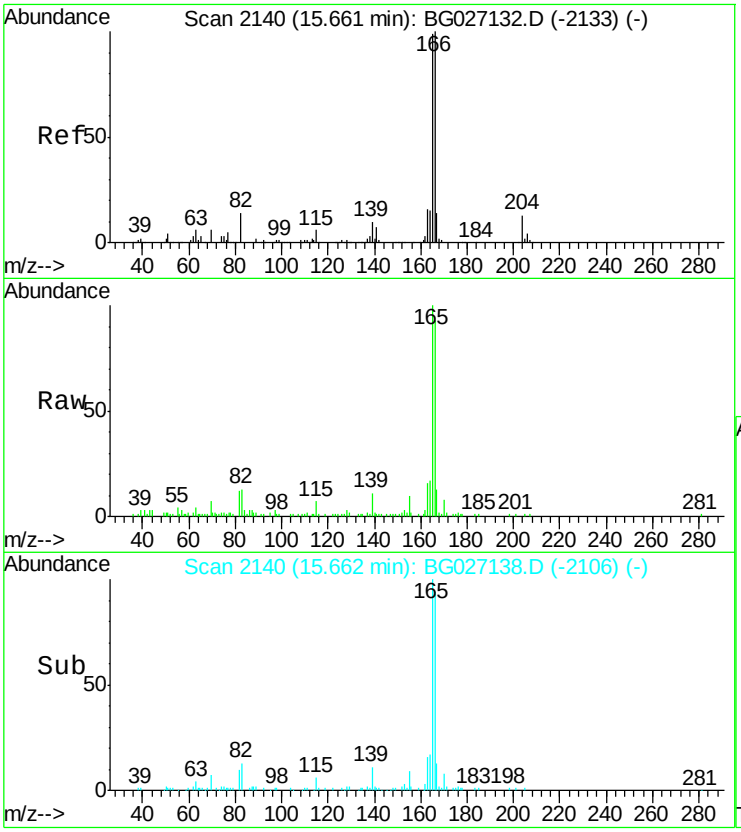


#9
Acenaphthene
Concen: 1.10 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Tgt Ion:153 Resp: 36241

Ion	Ratio	Lower	Upper
153	100		
152	56.3	39.0	58.6
154	83.9	66.8	100.2



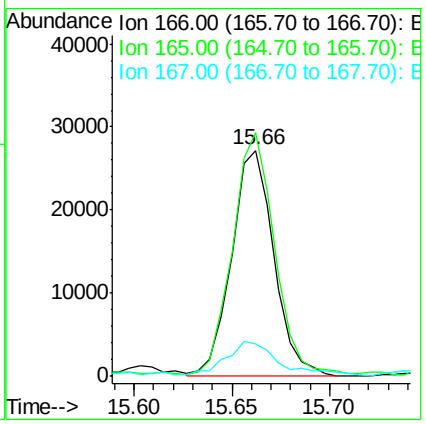


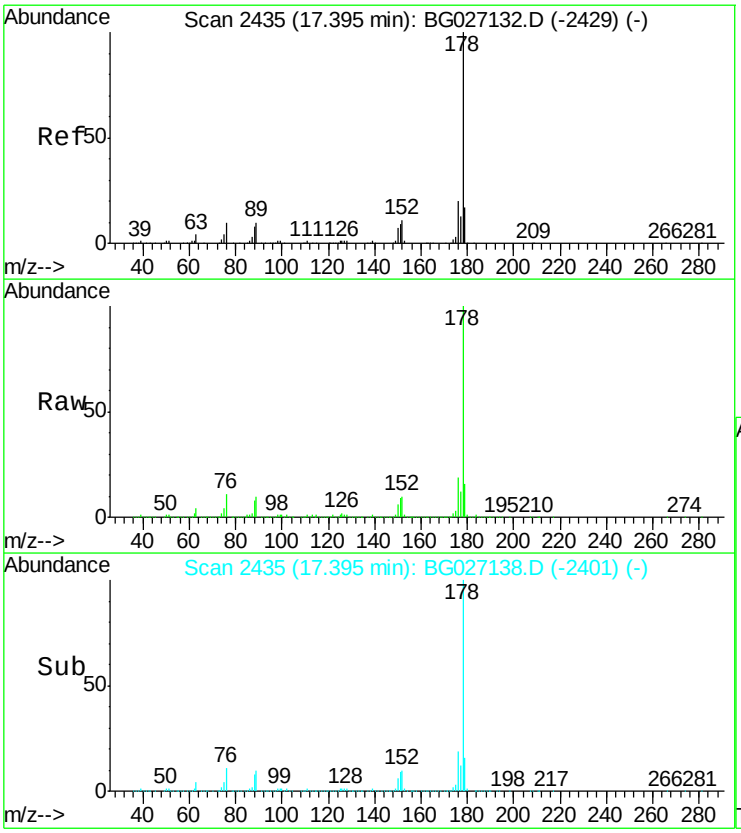
#11
Fluorene
Concen: 1.16 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 40814

Ion	Ratio	Lower	Upper
166	100		
165	107.8	83.8	125.8
167	14.5	11.5	17.3

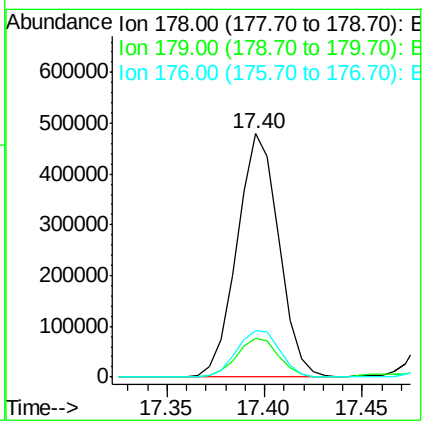


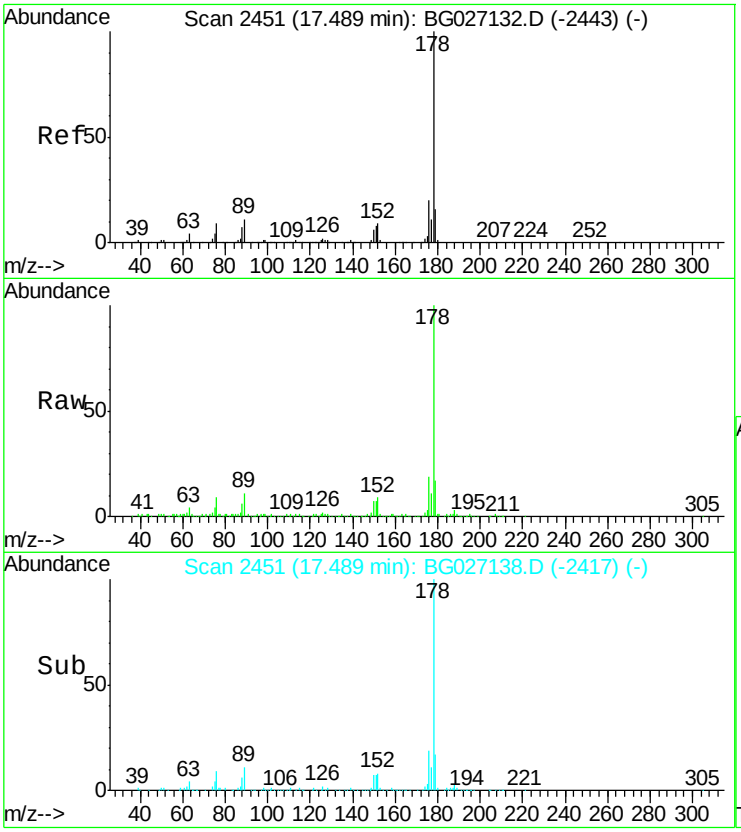


#13
Phenanthrene
Concen: 15.06 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Tgt Ion:178 Resp: 708966

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.2	15.1	22.7



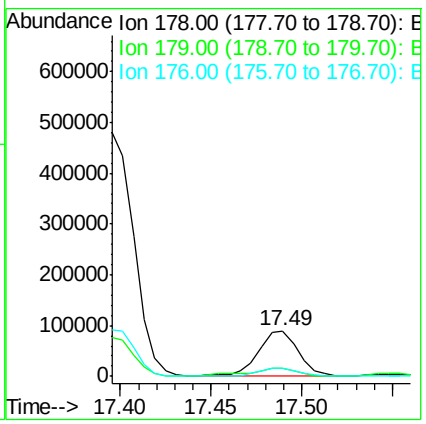


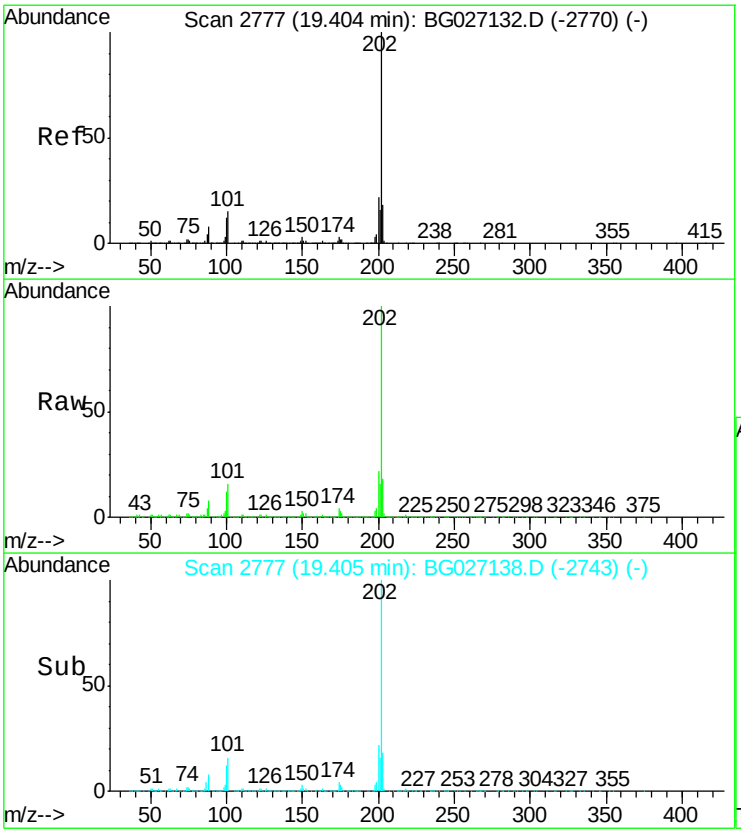
#15
Anthracene
Concen: 2.84 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 137201

Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.8	17.8
176	18.9	15.2	22.8

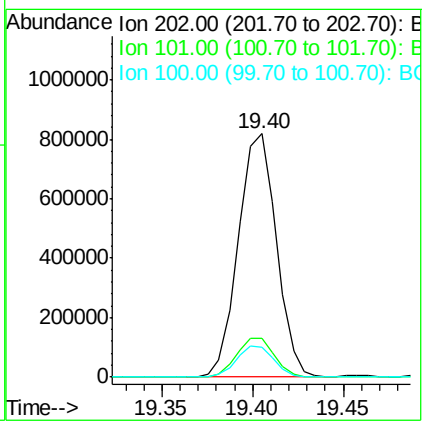


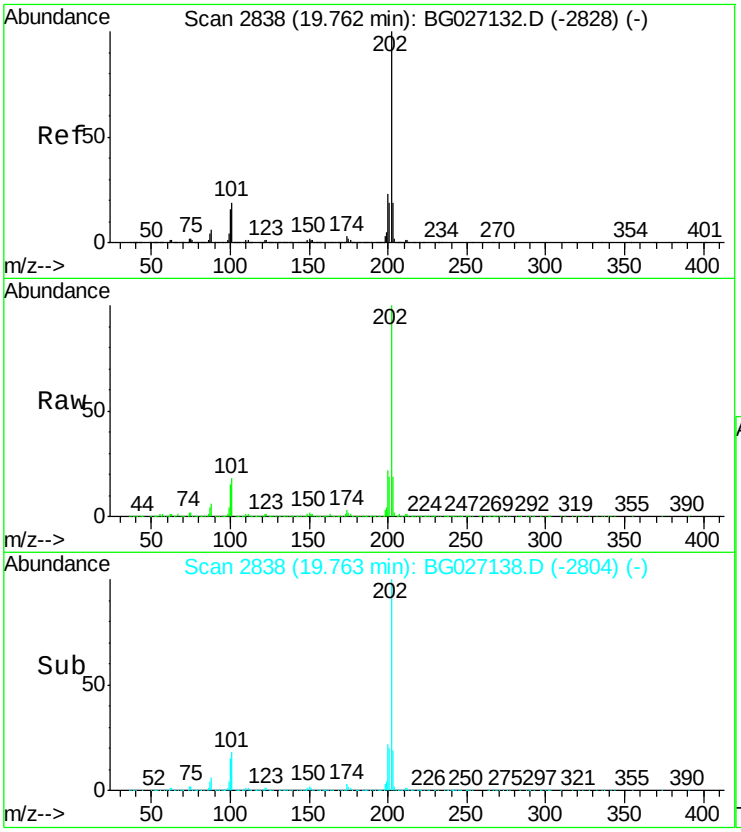


#16
Fluoranthene
Concen: 24.87 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Tgt Ion:202 Resp: 1196954

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	12.5	7.4	11.0#



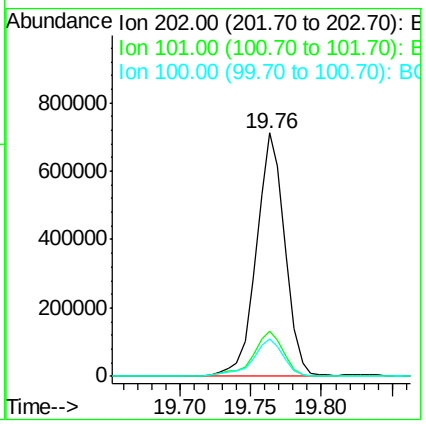


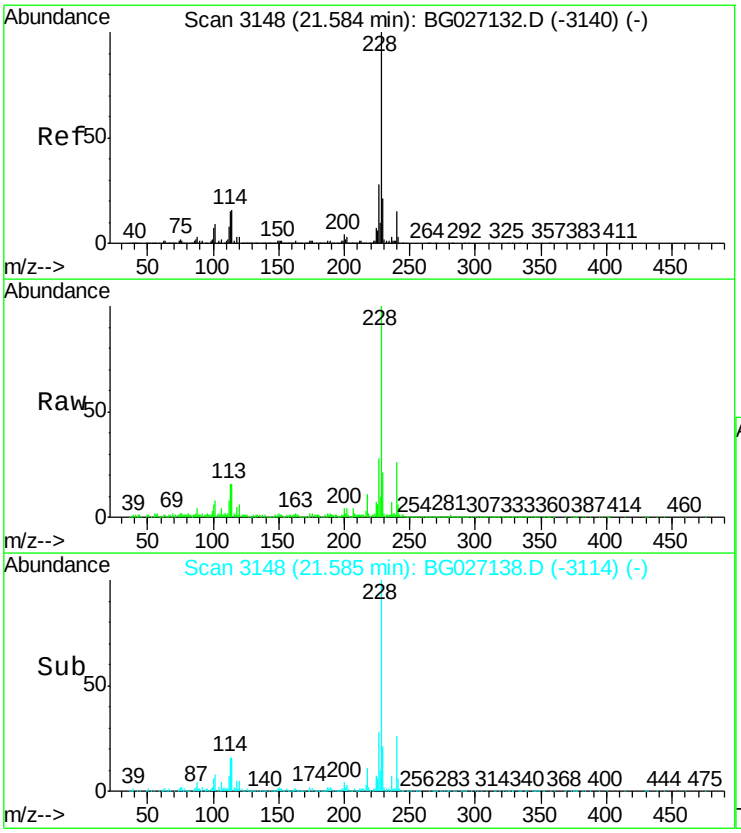
#19
Pyrene
Concen: 21.00 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1010357

Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.0	16.4#
100	15.3	8.1	12.1#

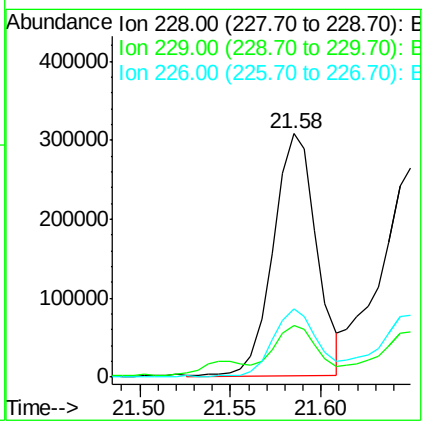


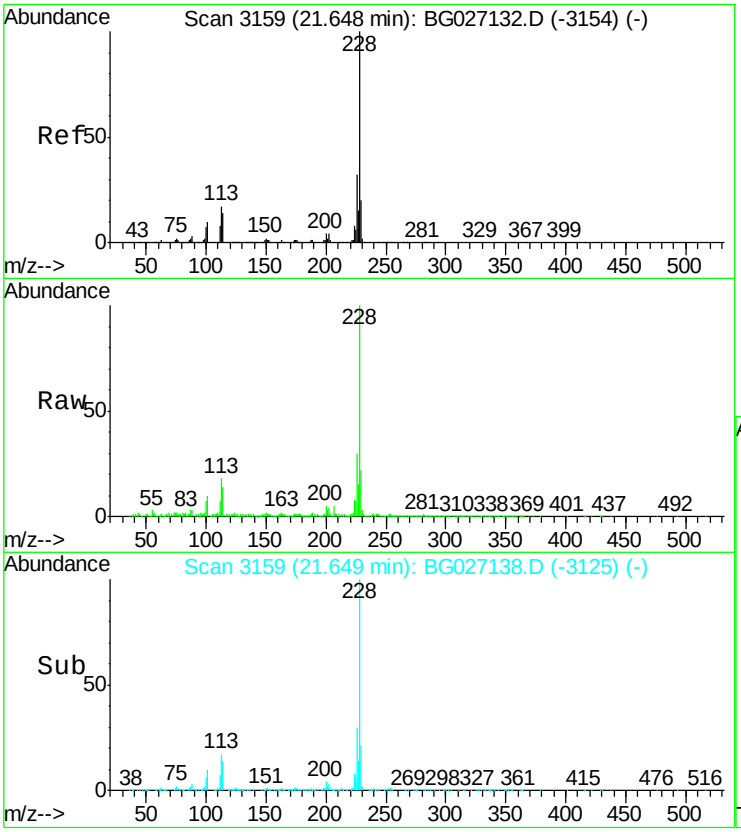


#20
Benzo(a)anthracene
Concen: 11.57 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Tgt Ion:228 Resp: 513143

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.3	21.1	31.7



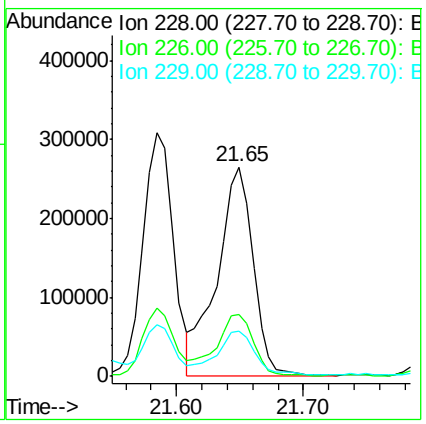


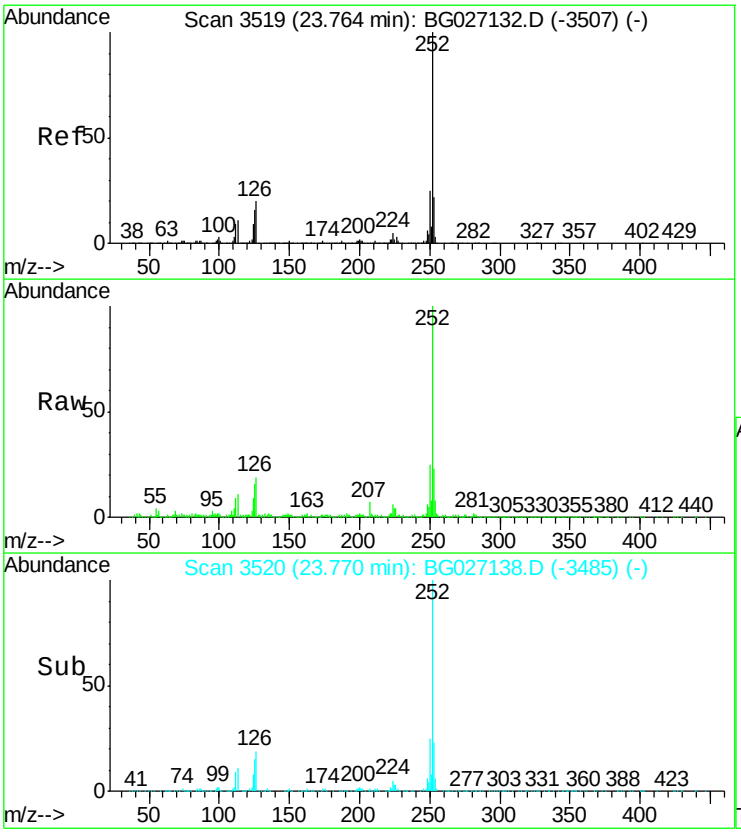
#21
Chrysene
Concen: 12.72 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 517961

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.5	36.7
229	21.7	15.8	23.8

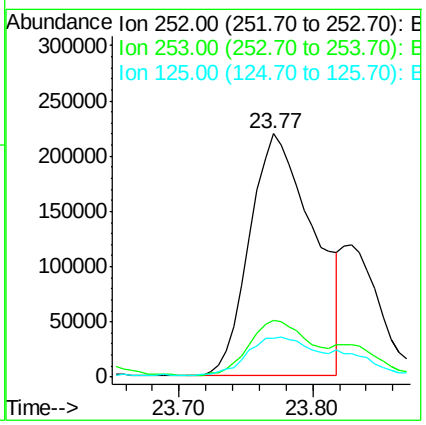


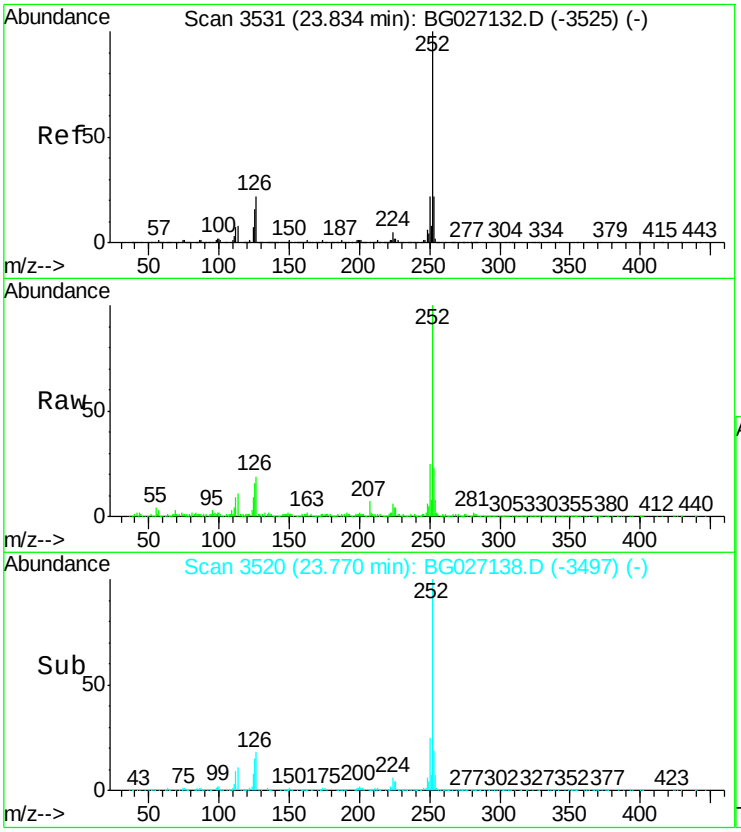


#23
Benzo(b)fluoranthene
Concen: 18.06 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Tgt Ion:252 Resp: 730641

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	16.1	8.0	12.0#



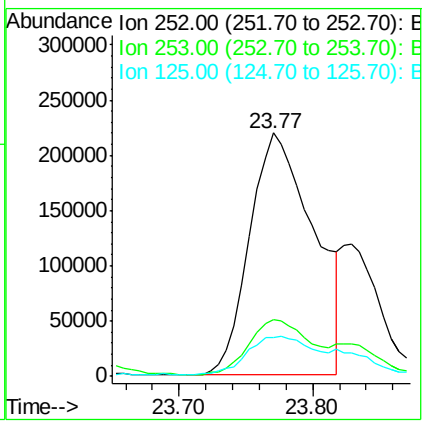


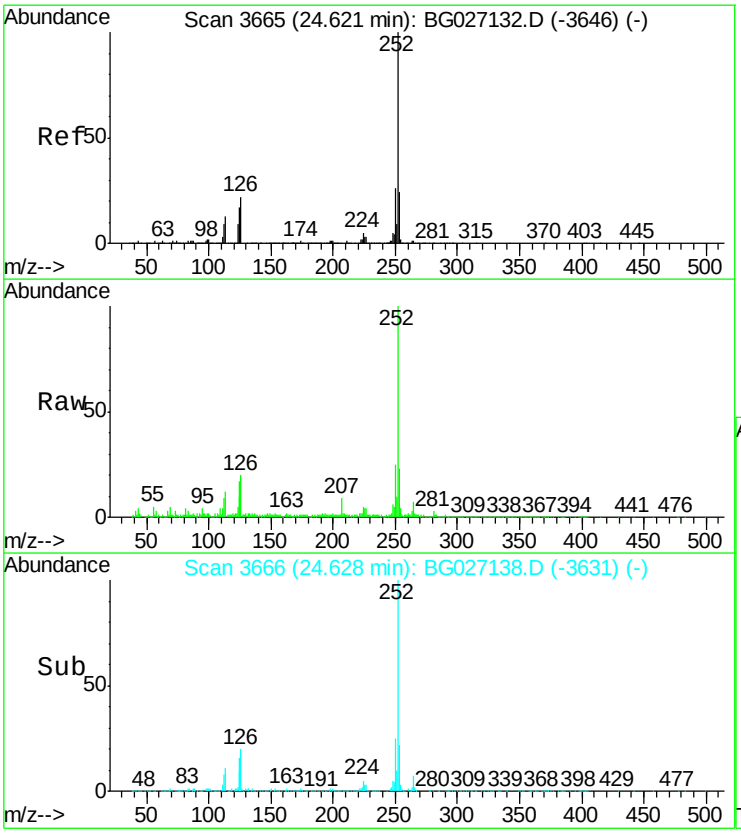
#24
Benzo(k)fluoranthene
Concen: 17.55 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.06 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 730641

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	16.1	8.1	12.1#

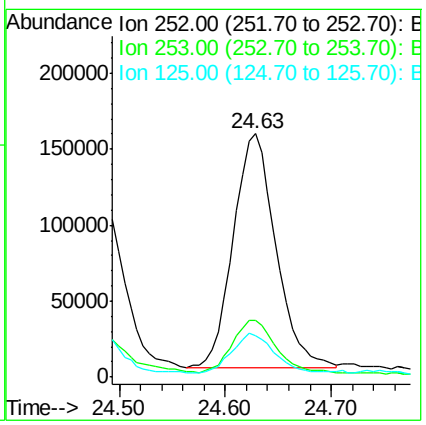


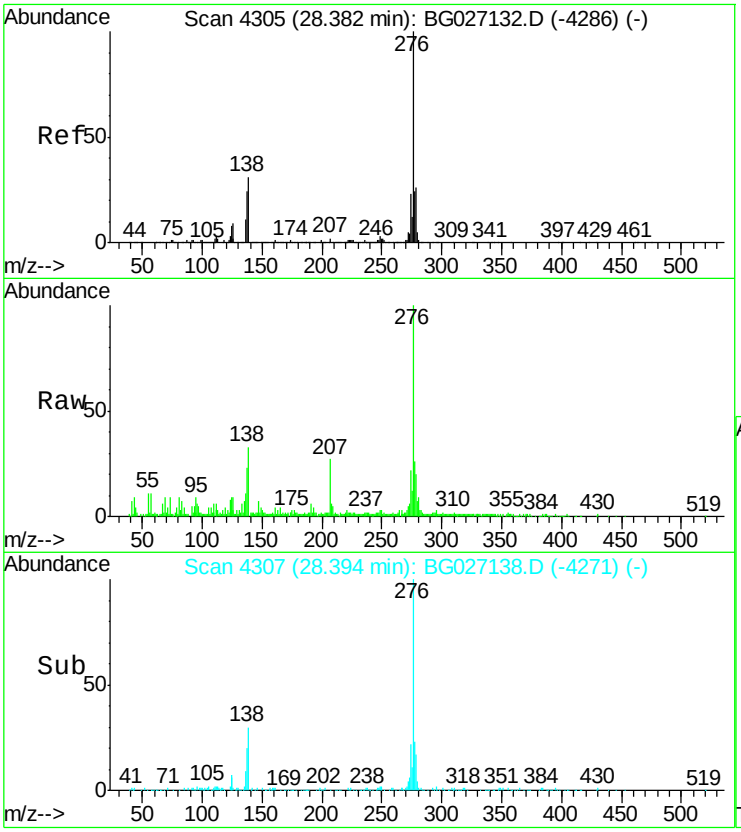


#26
Benzo(a)pyrene
Concen: 10.85 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Tgt Ion:252 Resp: 429564

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	17.2	8.2	12.4#



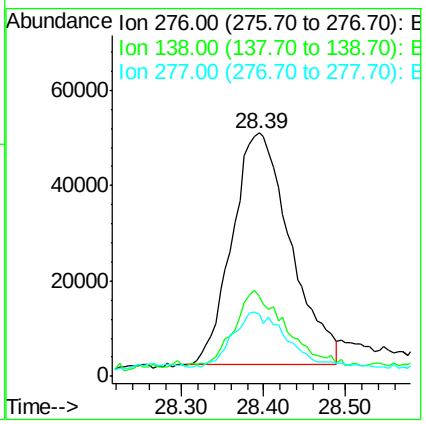


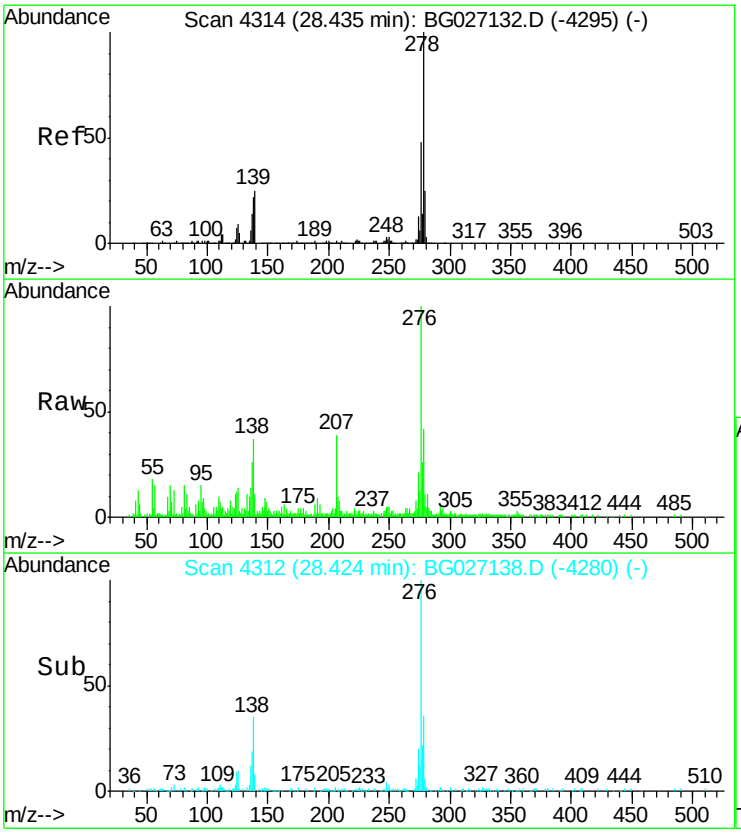
#27
Indeno(1,2,3-cd)pyrene
Concen: 6.61 ng/ul
RT: 28.39 min Scan# 4307
Delta R.T. 0.01 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 240753

Ion	Ratio	Lower	Upper
276	100		
138	32.9	14.4	21.6#
277	25.6	18.0	27.0

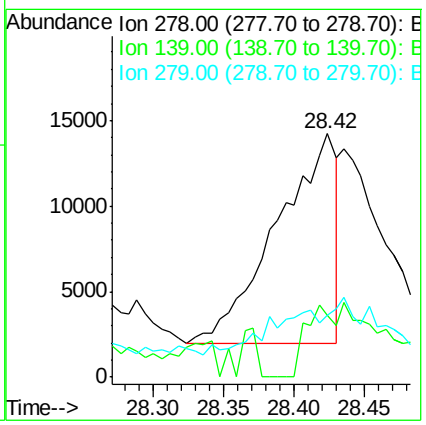


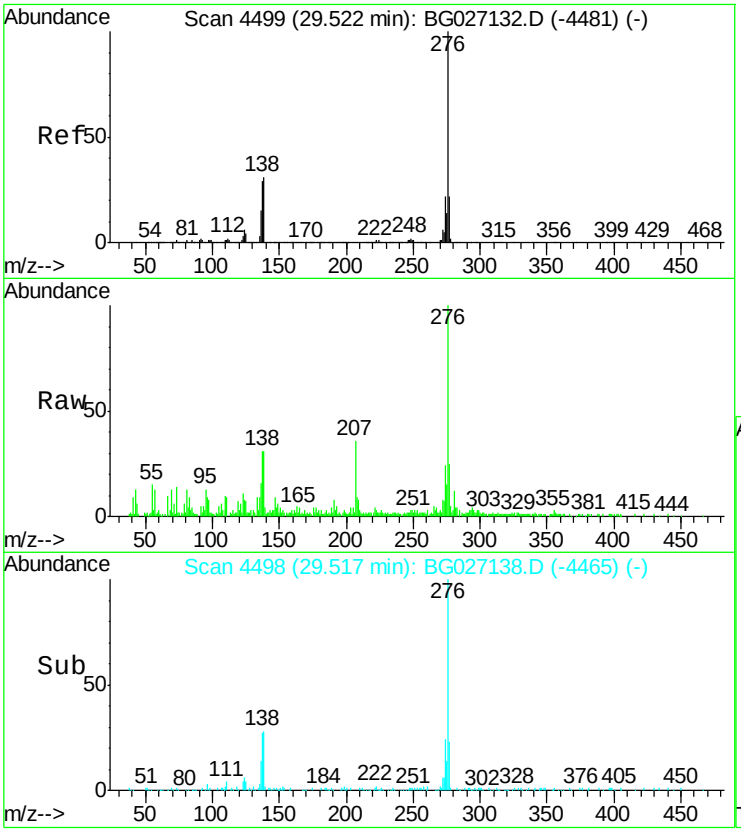


#28
Dibenzo(a,h)anthracene
Concen: 1.15 ng/ul
RT: 28.42 min Scan# 4312
Delta R.T. -0.01 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Tgt Ion:278 Resp: 36048

Ion	Ratio	Lower	Upper
278	100		
139	25.3	12.2	18.4#
279	25.6	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 2.77 ng/ul
RT: 29.52 min Scan# 4498
Delta R.T. -0.01 min
Lab File: BG027138.D
Acq: 24 May 2017 21:29

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 80084

Ion	Ratio	Lower	Upper
276	100		
138	30.7	15.3	22.9#
277	24.8	19.0	28.4