Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC14

Quant Time: May 19 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	202304	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	949935	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	487312	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	883173	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	802068	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	770572	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	641228	12.83	ng/ul	0.00
10) Fluorene-d10	15.61	176	407050	12.21	ng/ul	0.00
14) Anthracene-d10	17.46	188	547087	12.71	ng/ul	0.00
18) Pyrene-d10	19.74	212	525891	12.56	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	465190	12.15	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.40	178	521609	10.56	ng/ul	98
15) Anthracene	17.49	178	102814	2.03	ng/ul	99
19) Pyrene	19.77	202	720824	13.75	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	407969	8.44	ng/ul	97
21) Chrysene	21.65	228	412416	9.30	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	649418	14.18	ng/ul#	92
24) Benzo(k)fluoranthene	23.77	252	649418	13.79	ng/ul#	92
26) Benzo(a)pyrene	24.62	252	366065	8.17	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	28.38	276	171704	4.17	ng/ul#	81
29) Benzo(g,h,i)perylene	29.52	276	144512	4.41	ng/ul#	85

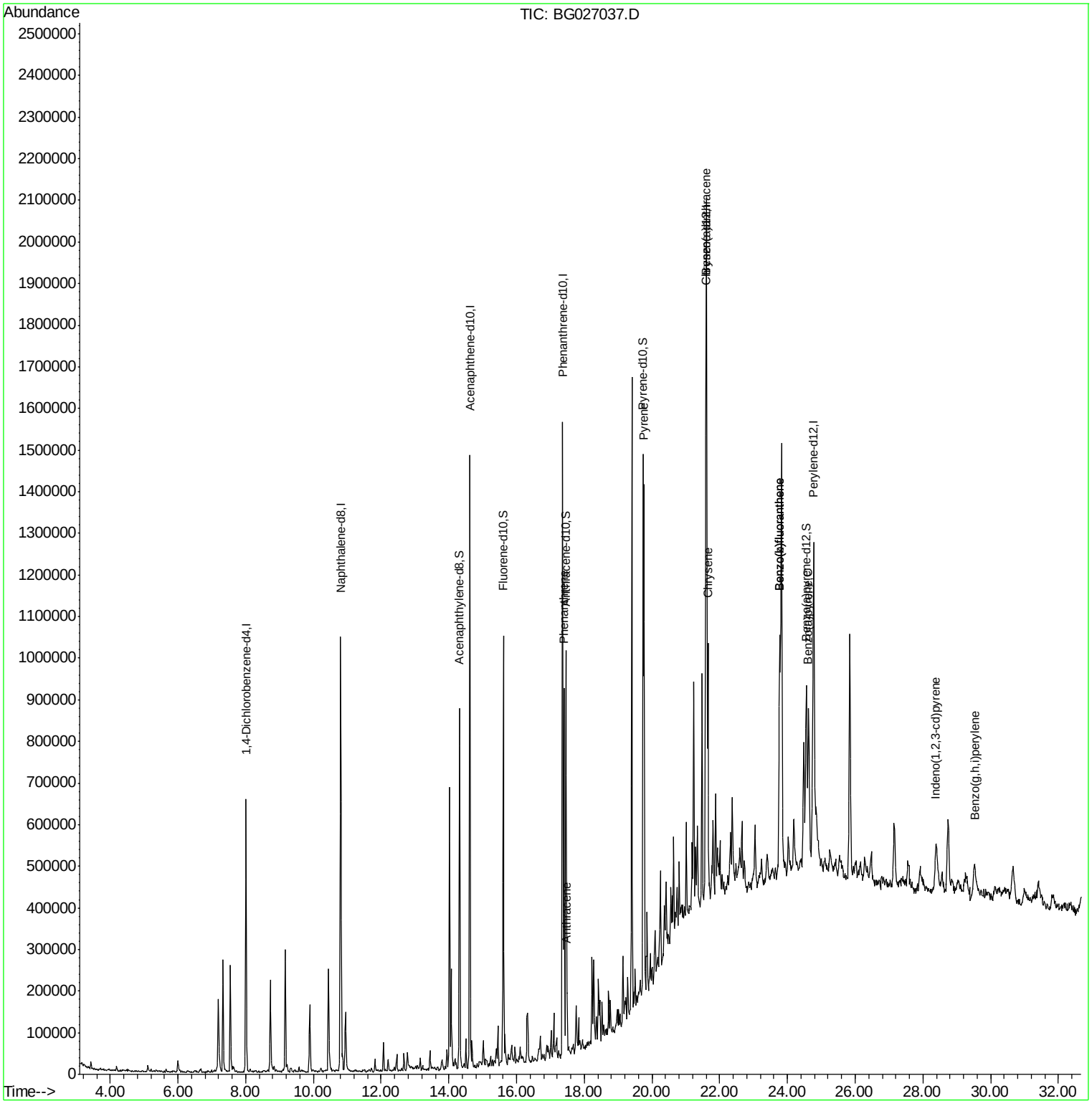
(#) = qualifier out of range (m) = manual integration (+) = signals summed

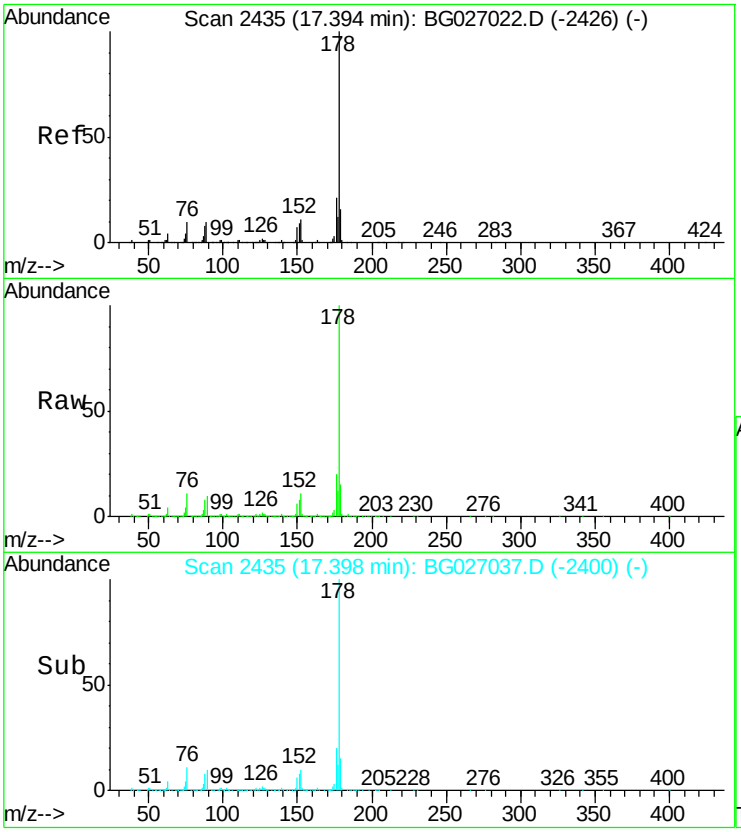
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027037.D
Acq On : 19 May 2017 13:04
Operator : SJ/MA
Sample : I3136-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC14

Quant Time: May 19 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



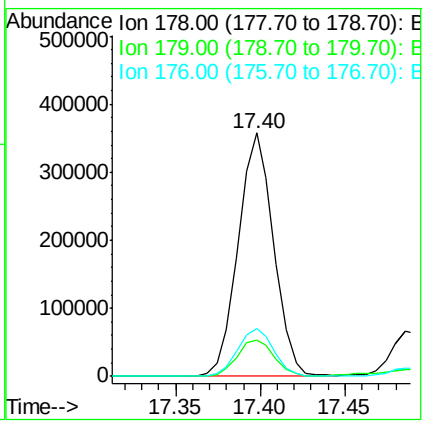


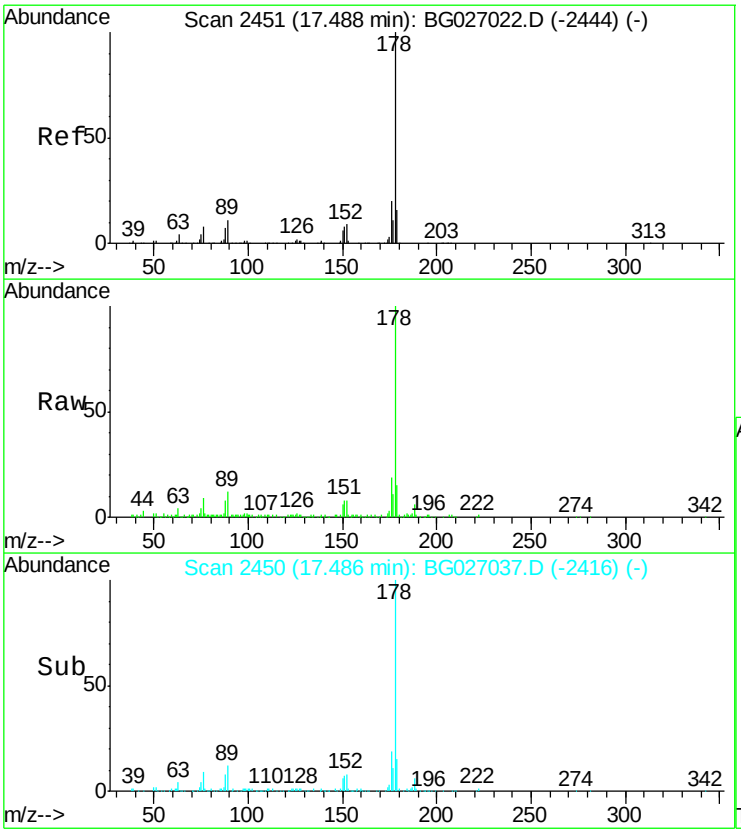
#13
Phenanthrene
Concen: 10.56 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion:178 Resp: 521609

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.8	15.1	22.7

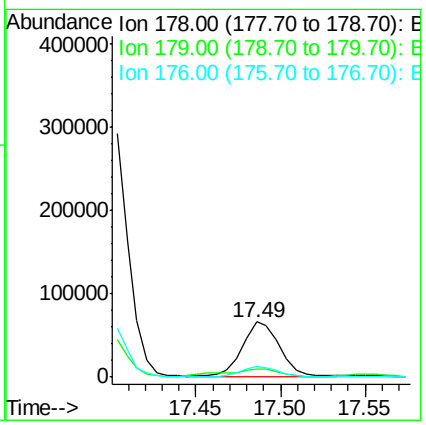


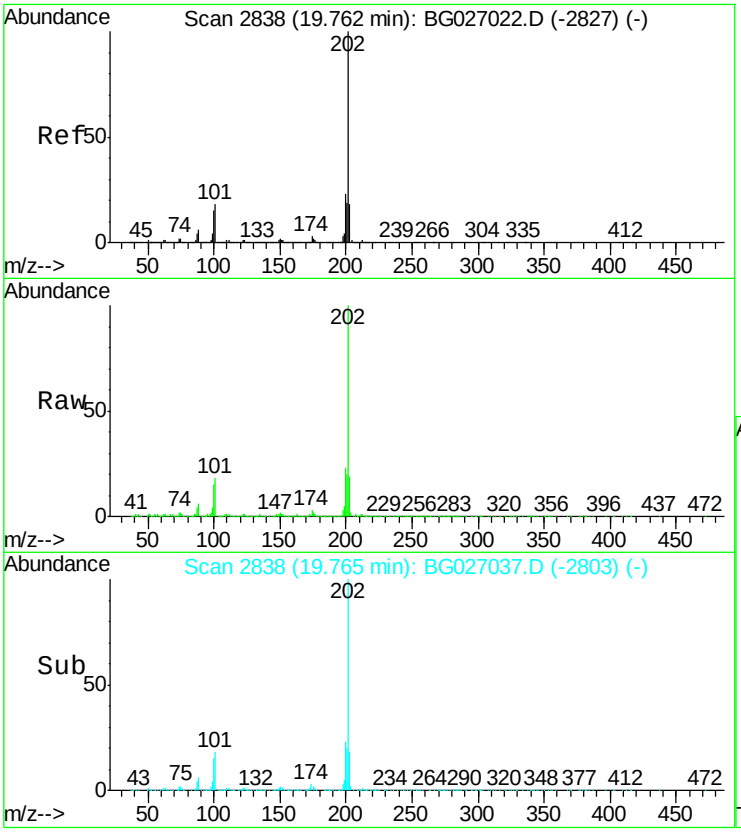


#15
Anthracene
Concen: 2.03 ng/ul
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion:178 Resp: 102814

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.3	15.2	22.8



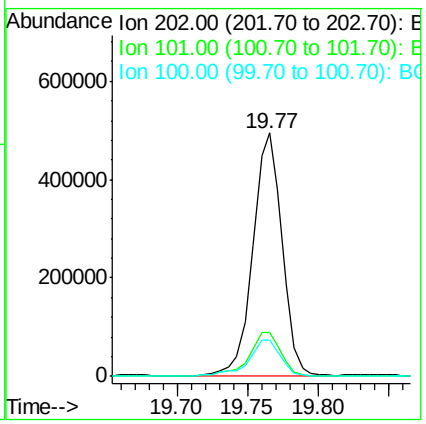


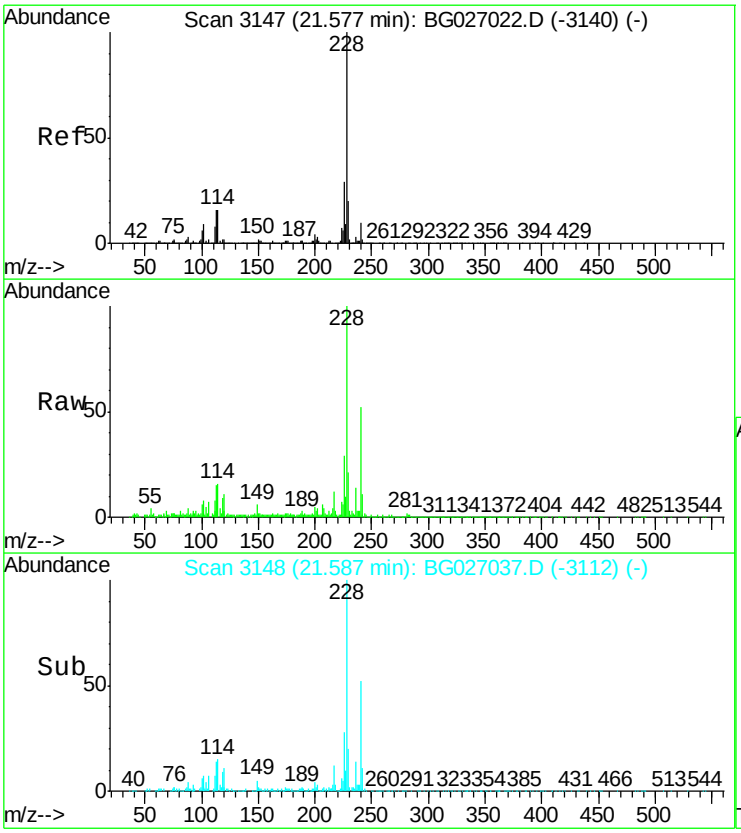
#19
Pyrene
Concen: 13.75 ng/ul
RT: 19.77 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion:202 Resp: 720824

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.9	8.1	12.1#

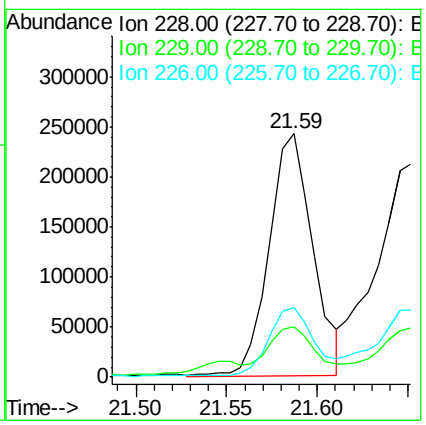


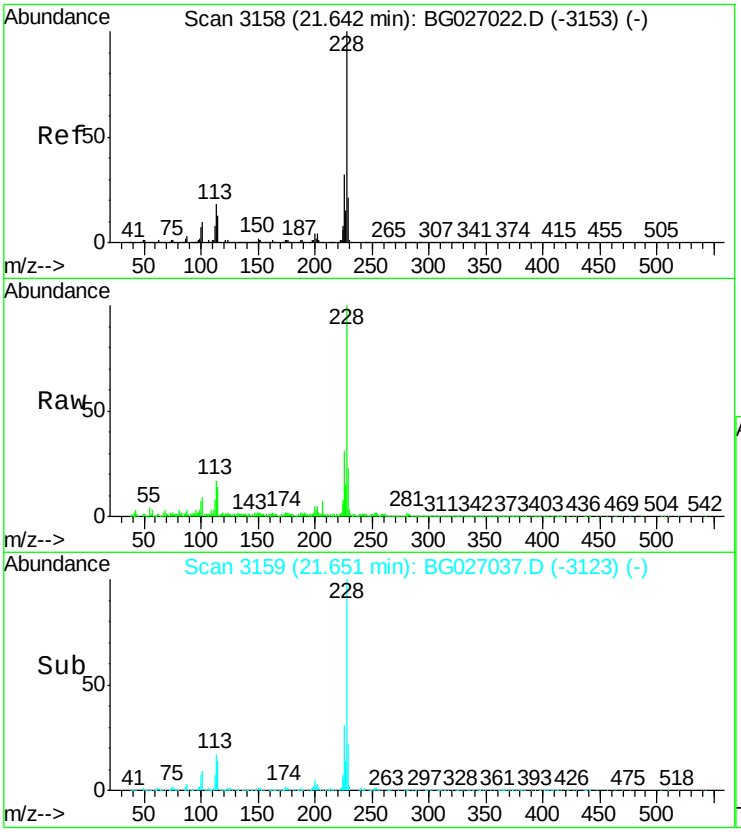


#20
Benzo(a)anthracene
Concen: 8.44 ng/ul
RT: 21.59 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion:228 Resp: 407969

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	28.6	21.1	31.7



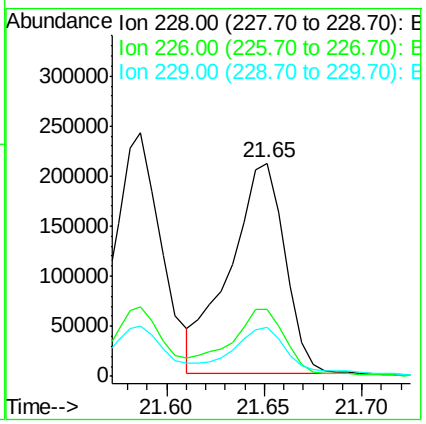


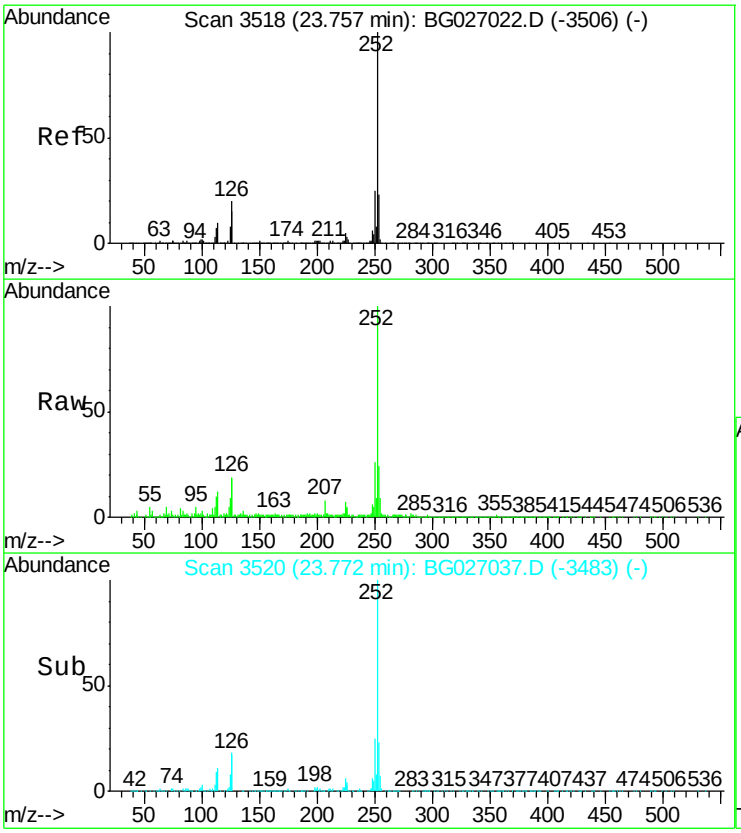
#21
Chrysene
Concen: 9.30 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion:228 Resp: 412416

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	22.9	15.8	23.8

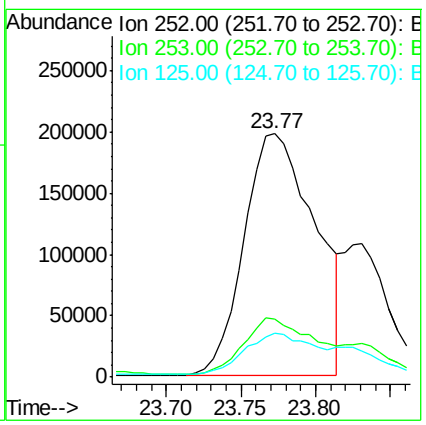


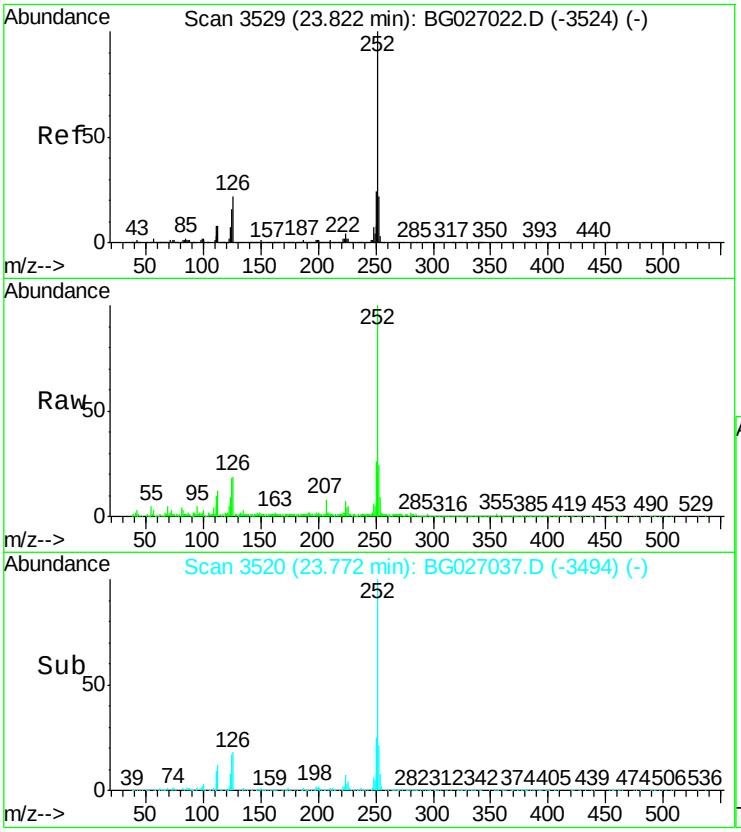


#23
Benzo(b)fluoranthene
Concen: 14.18 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. 0.02 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion:252 Resp: 649418

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	17.8	8.0	12.0#



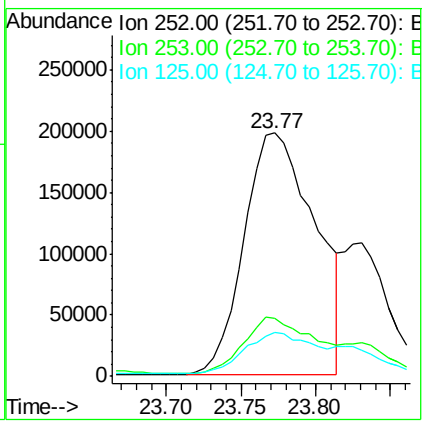


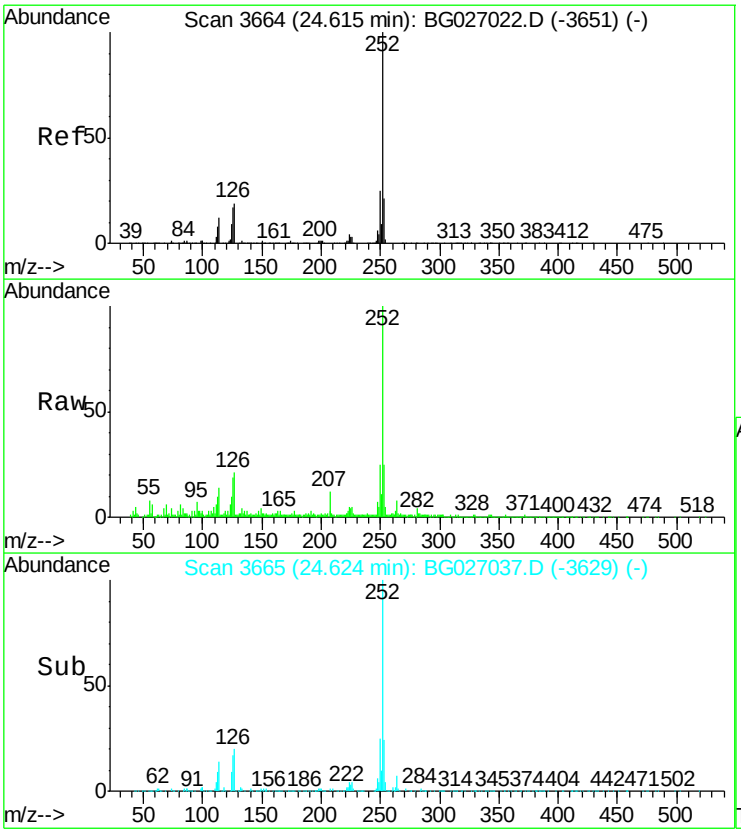
#24
Benzo(k)fluoranthene
Concen: 13.79 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.05 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion:252 Resp: 649418

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	17.8	8.1	12.1#

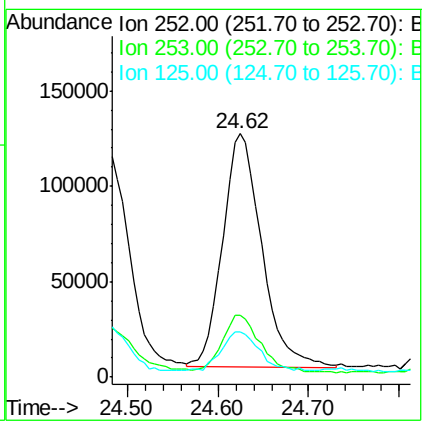


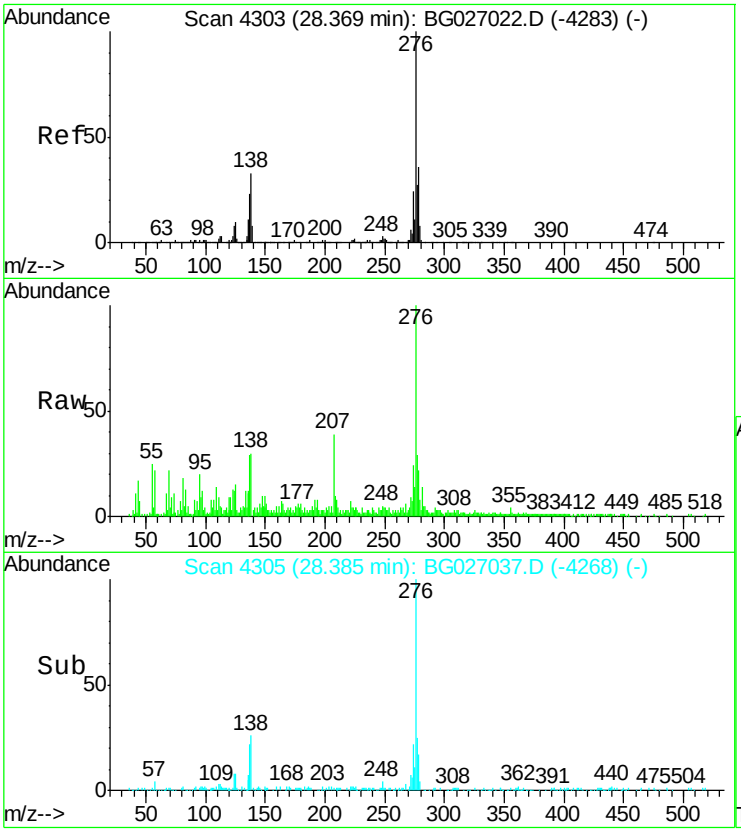


#26
Benzo(a)pyrene
Concen: 8.17 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion:252 Resp: 366065

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	18.6	8.2	12.4#



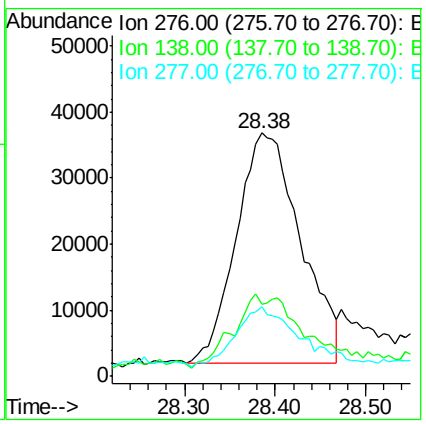


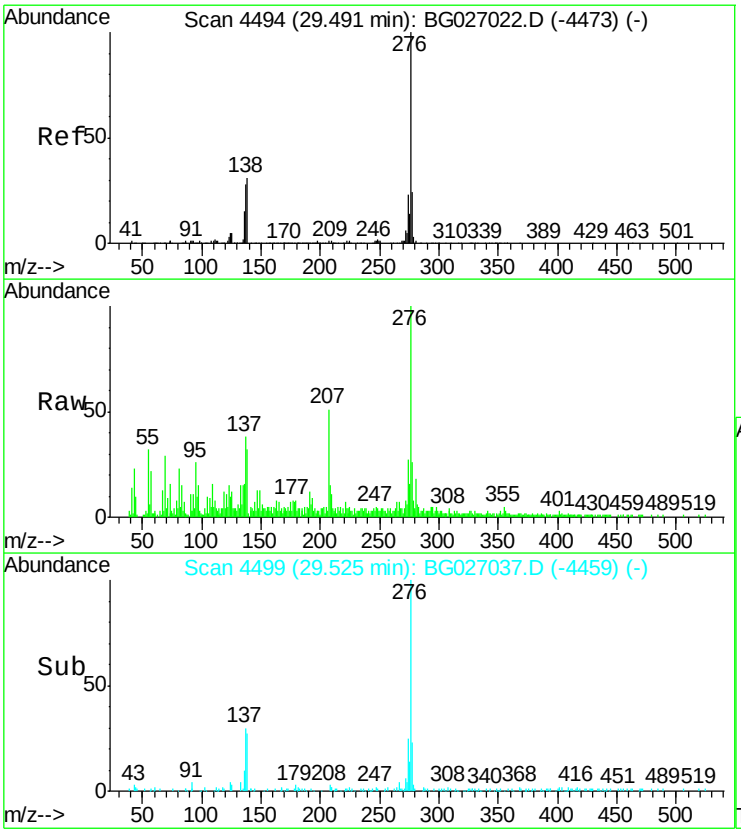
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.17 ng/ul
RT: 28.38 min Scan# 4305
Delta R.T. 0.02 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Instrument :
BNA_G
ClientSampleId :
DAC14

Tgt Ion:276 Resp: 171704

Ion	Ratio	Lower	Upper
276	100		
138	29.6	14.4	21.6#
277	28.6	18.0	27.0#





#29
Benzo(g,h,i)perylene
Concen: 4.41 ng/ul
RT: 29.52 min Scan# 4499
Delta R.T. 0.03 min
Lab File: BG027037.D
Acq: 19 May 2017 13:04

Tgt Ion:276 Resp: 144512

Ion	Ratio	Lower	Upper
276	100		
138	31.9	15.3	22.9#
277	26.2	19.0	28.4