Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027026.D
Acq On : 19 May 2017 5:49
Operator : SJ/MA
Sample : I3136-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC16

Quant Time: May 19 06:34:23 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	209593	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	989163	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	520174	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	951033	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	845378	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	883713	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	764124	14.32	ng/ul	0.00
10) Fluorene-d10	15.60	176	495547	13.92	ng/ul	0.00
14) Anthracene-d10	17.35	188	951033	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	658589	14.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	605121	13.78	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.85	128	88502	1.72	ng/ul	99
13) Phenanthrene	17.39	178	606152	11.40	ng/ul	100
15) Anthracene	17.48	178	119620	2.19	ng/ul	98
16) Fluoranthene	19.40	202	1149755	21.15	ng/ul#	90
19) Pyrene	19.76	202	987763	17.88	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	577049	11.33	ng/ul	97
21) Chrysene	21.64	228	572473	12.24	ng/ul	96
23) Benzo(b)fluoranthene	23.76	252	800269	15.24	ng/ul#	93
24) Benzo(k)fluoranthene	23.76	252	800269	14.81	ng/ul#	93
26) Benzo(a)pyrene	24.61	252	528505	10.29	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.37	276	281877	5.96	ng/ul#	81
29) Benzo(g,h,i)perylene	29.49	276	246357	6.55	ng/ul#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
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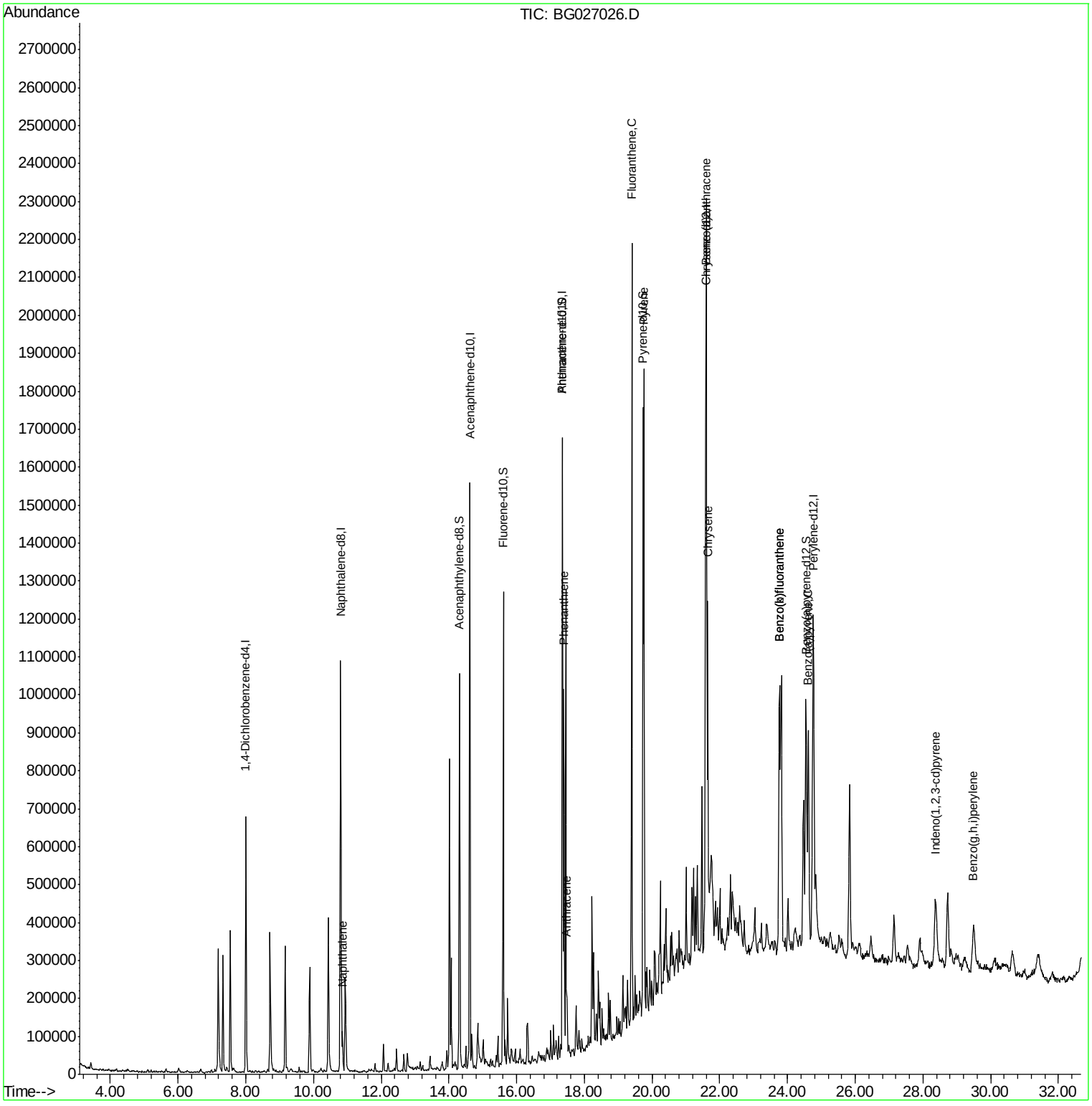
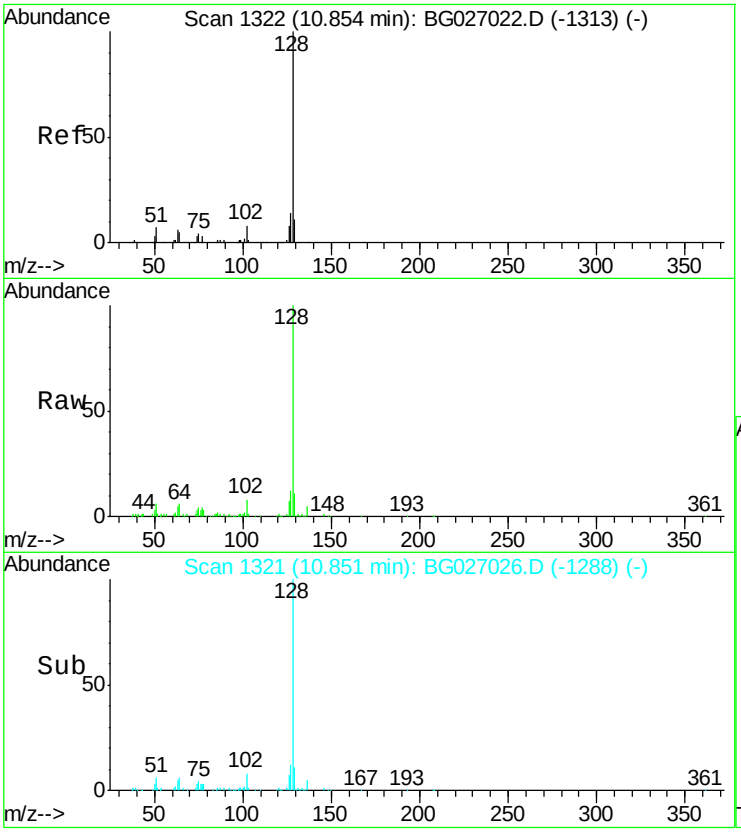
Acq On : 19 May 2017 5:49
Operator : SJ/MA
Sample : I3136-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC16

Quant Time: May 19 06:34:23 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



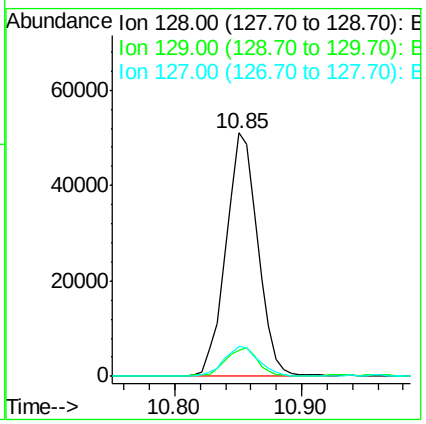


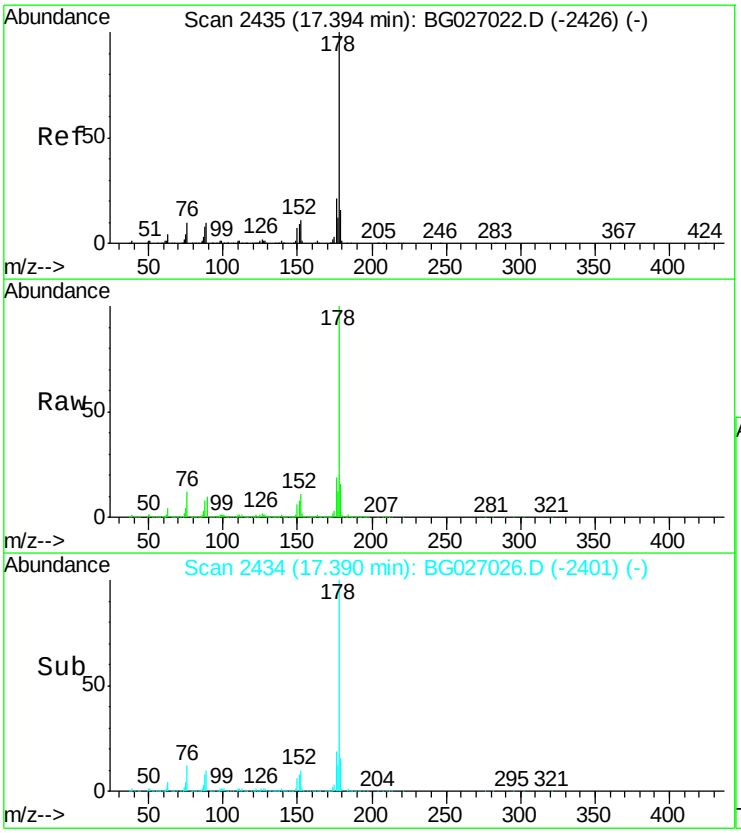
#3
Naphthalene
Concen: 1.72 ng/ul
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Instrument :
BNA_G
ClientSampleId :
DAC16

Tgt Ion:128 Resp: 88502

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.3	10.6	16.0

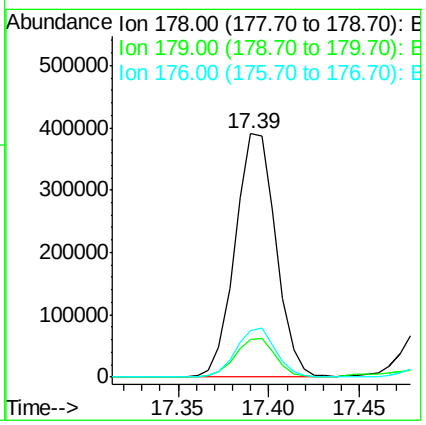


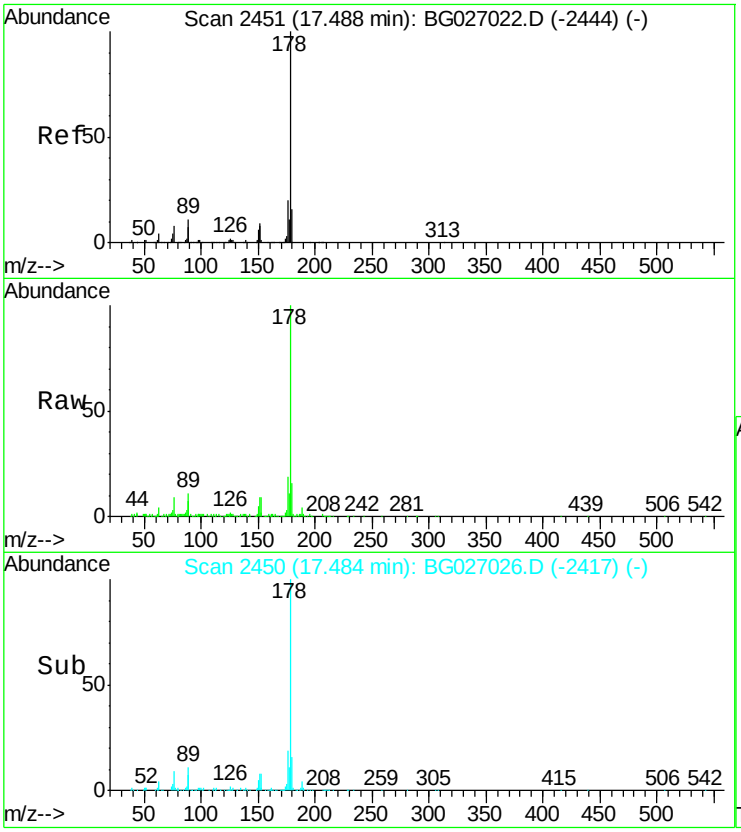


#13
Phenanthrene
Concen: 11.40 ng/ul
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Tgt Ion:178 Resp: 606152

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.1	22.7



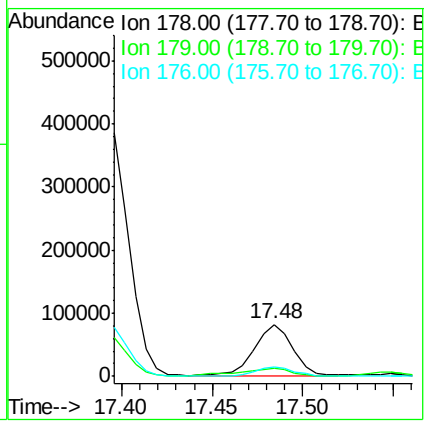


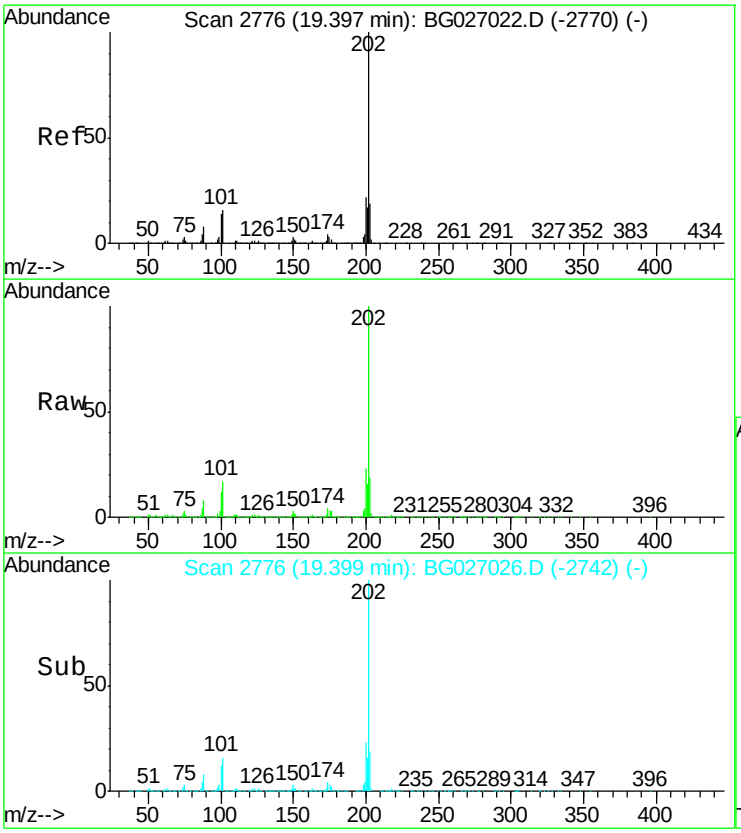
#15
Anthracene
Concen: 2.19 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Instrument :
BNA_G
ClientSampleId :
DAC16

Tgt Ion:178 Resp: 119620

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	19.2	15.2	22.8

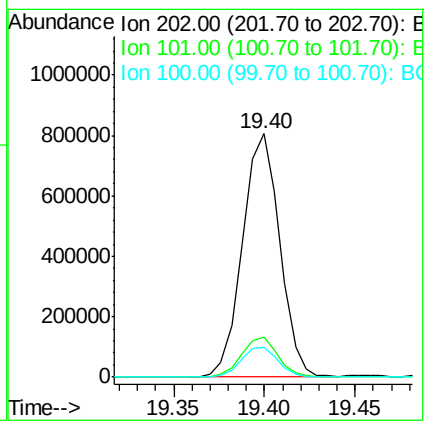


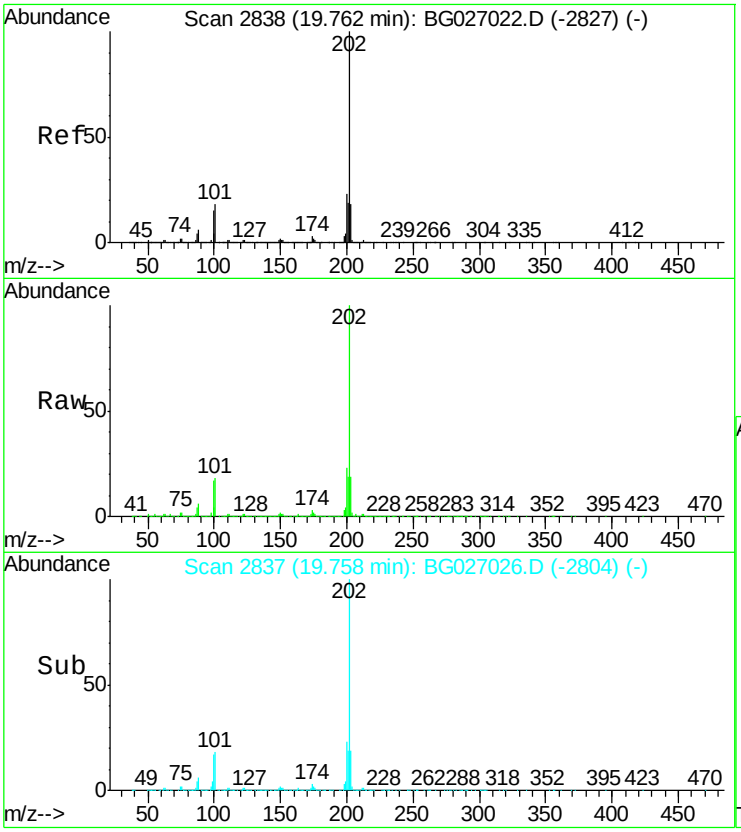


#16
Fluoranthene
Concen: 21.15 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Tgt Ion:202 Resp: 1149755

Ion	Ratio	Lower	Upper
202	100		
101	16.6	9.9	14.9#
100	12.3	7.4	11.0#



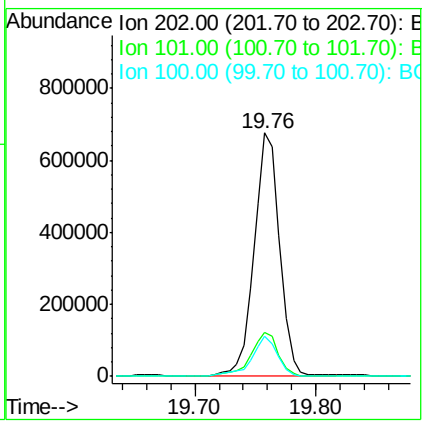


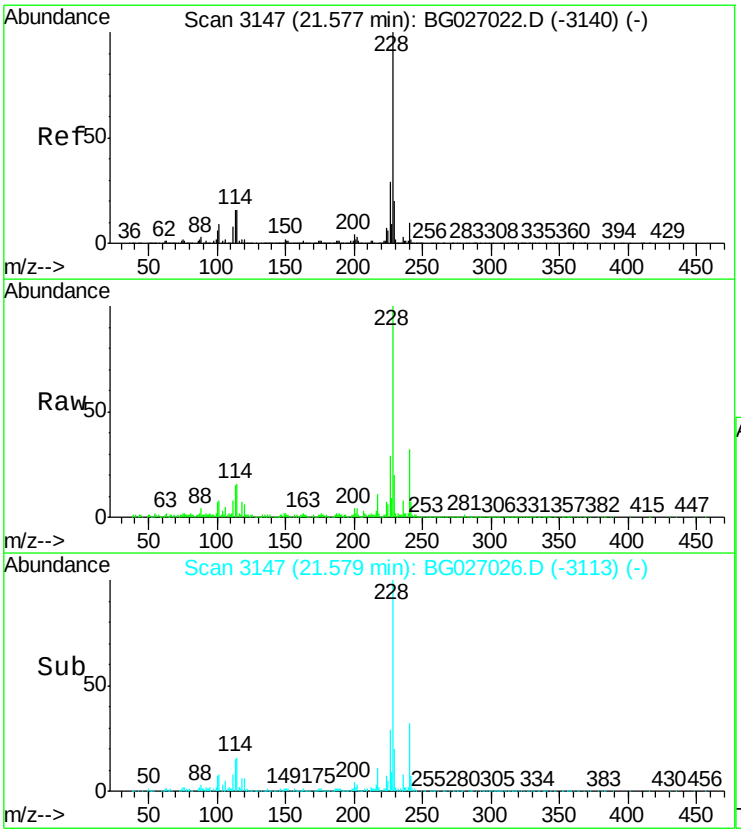
#19
Pyrene
Concen: 17.88 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Instrument :
BNA_G
ClientSampleId :
DAC16

Tgt Ion:202 Resp: 987763

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	16.6	8.1	12.1#

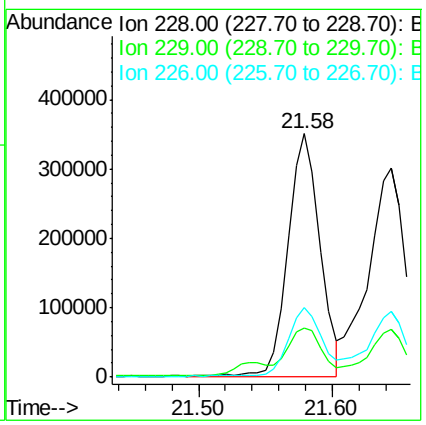


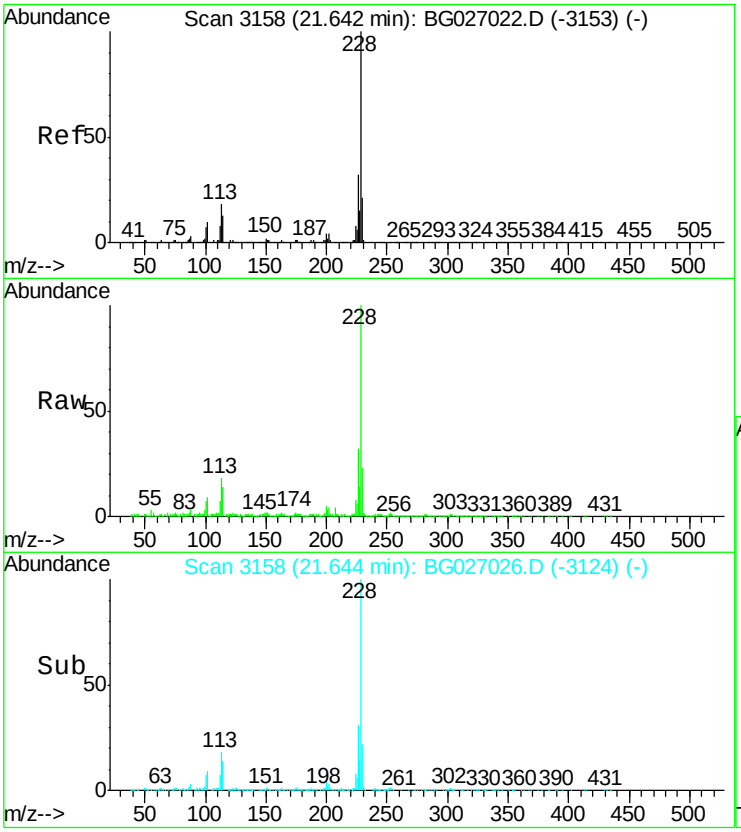


#20
Benzo(a)anthracene
Concen: 11.33 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Tgt Ion:228 Resp: 577049

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	28.8	21.1	31.7



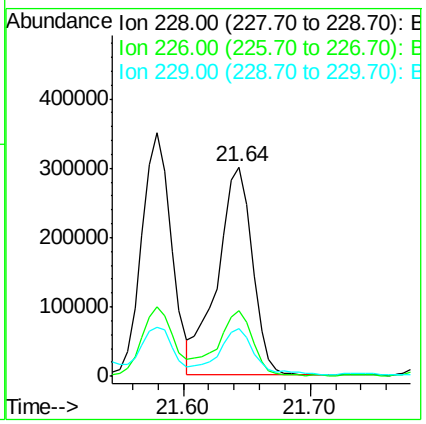


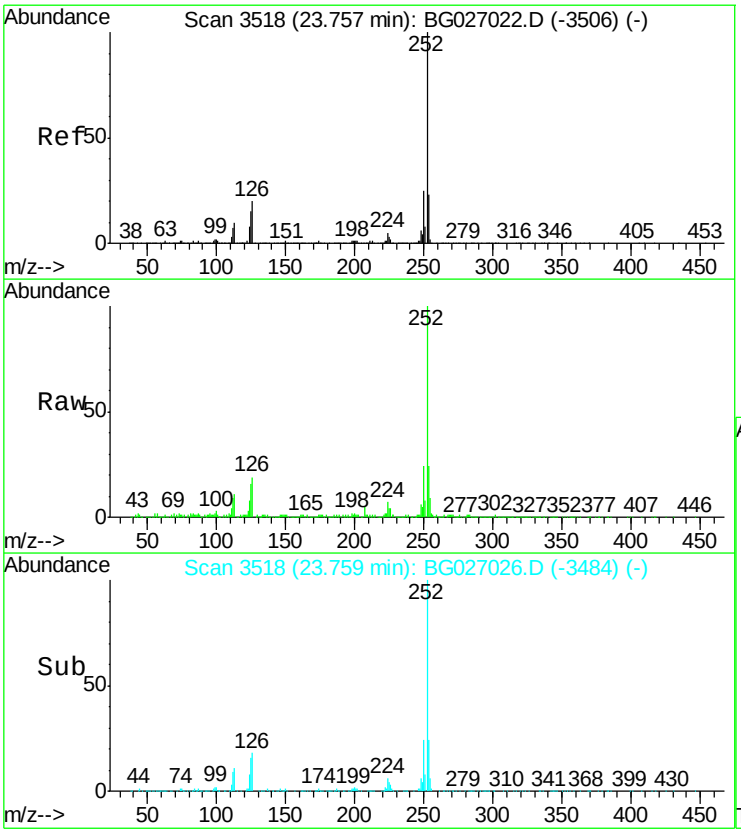
#21
Chrysene
Concen: 12.24 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Instrument :
BNA_G
ClientSampleId :
DAC16

Tgt Ion:228 Resp: 572473

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.5	36.7
229	22.8	15.8	23.8

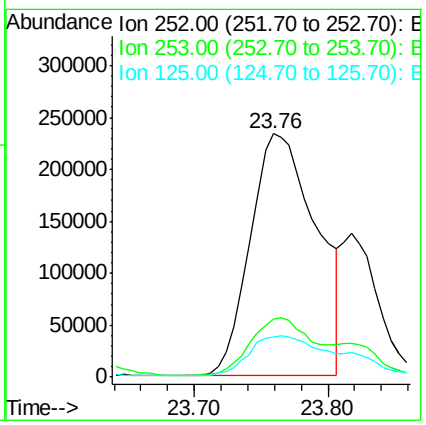


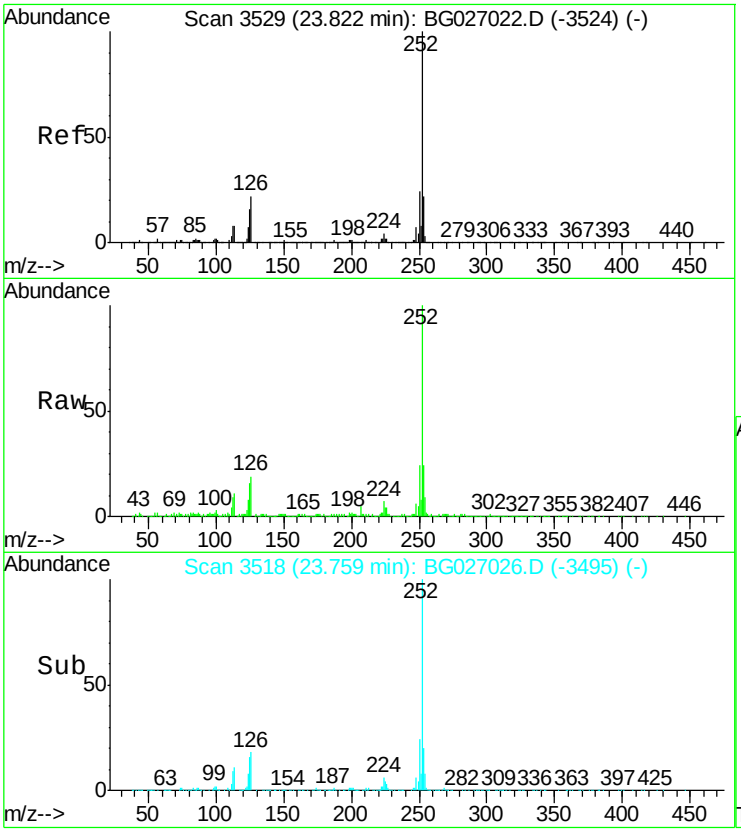


#23
Benzo(b)fluoranthene
Concen: 15.24 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Tgt Ion:252 Resp: 800269

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	16.3	8.0	12.0#



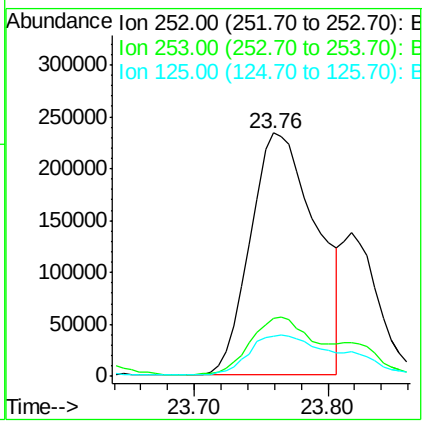


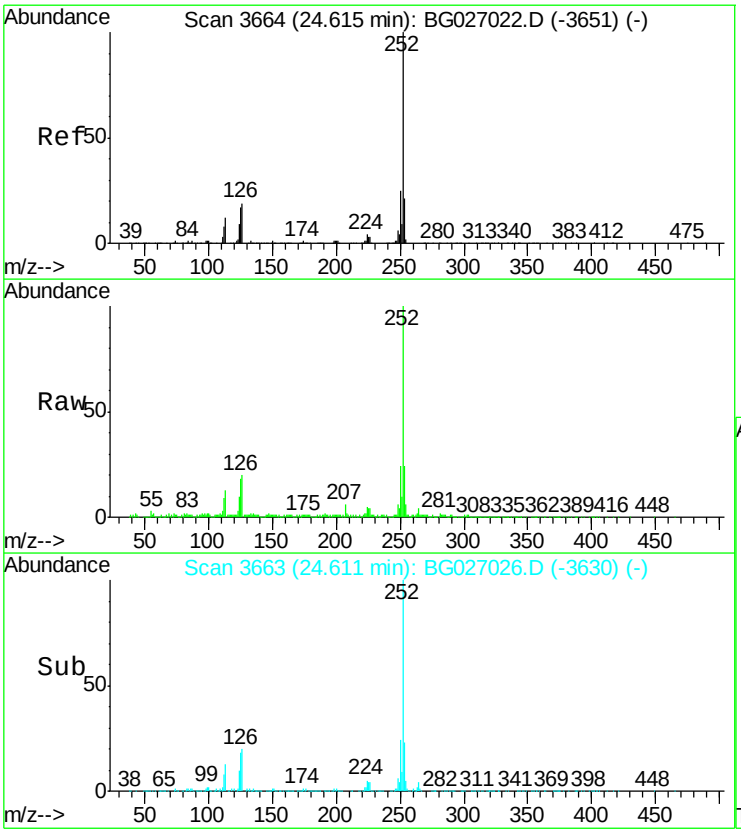
#24
Benzo(k)fluoranthene
Concen: 14.81 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.06 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Instrument :
BNA_G
ClientSampleId :
DAC16

Tgt Ion:252 Resp: 800269

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	16.3	8.1	12.1#

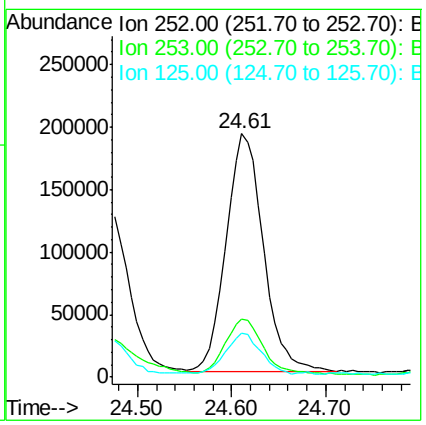


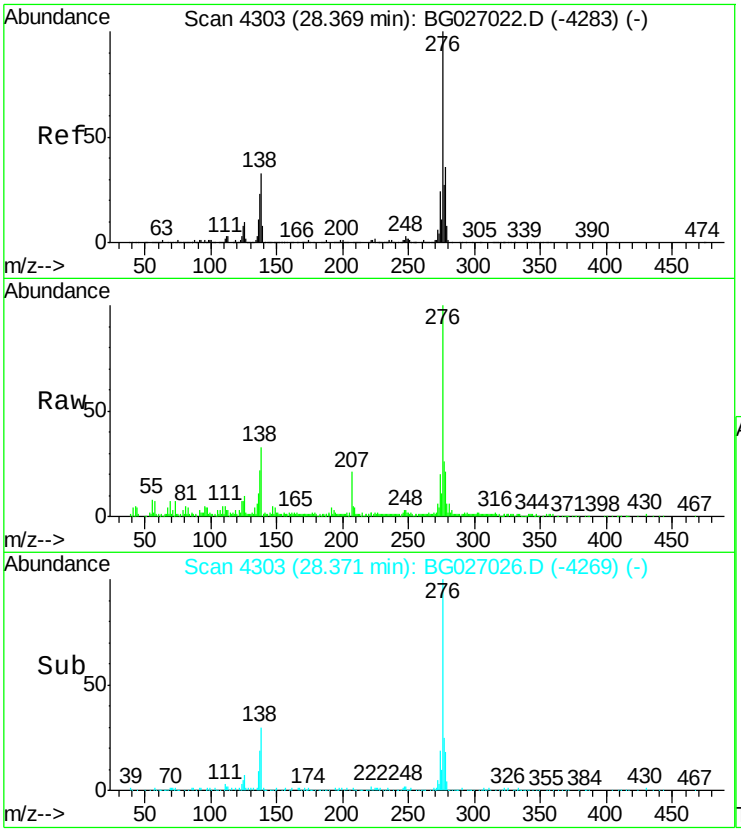


#26
Benzo(a)pyrene
Concen: 10.29 ng/ul
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Tgt Ion:252 Resp: 528505

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	18.2	8.2	12.4#



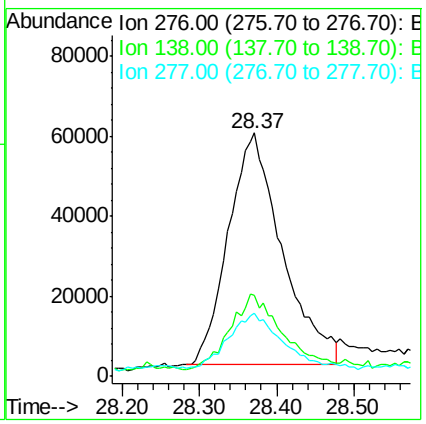


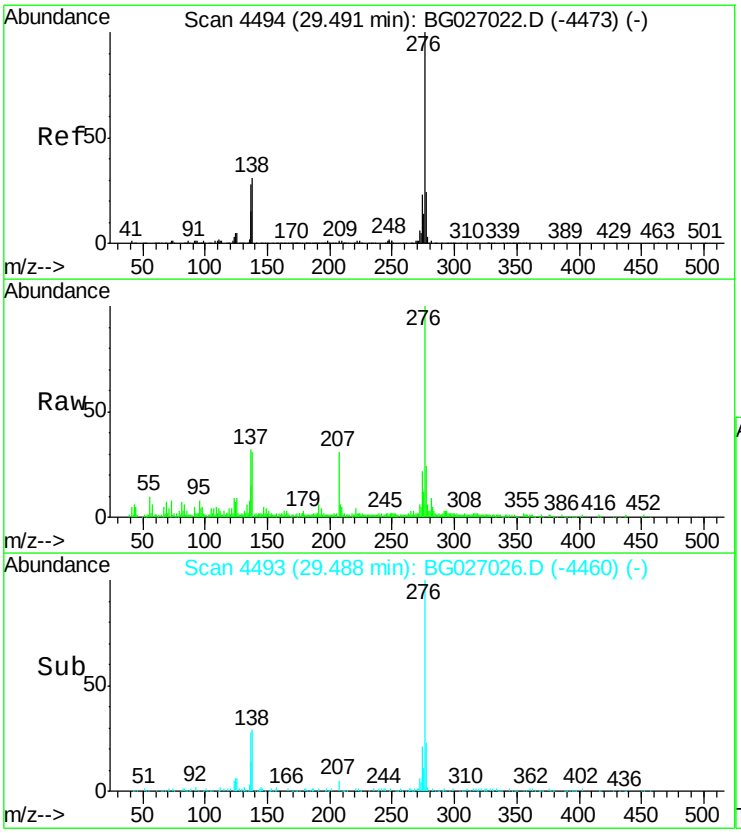
#27
Indeno(1,2,3-cd)pyrene
Concen: 5.96 ng/ul
RT: 28.37 min Scan# 4303
Delta R.T. 0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Instrument :
BNA_G
ClientSampleId :
DAC16

Tgt Ion:276 Resp: 281877

Ion	Ratio	Lower	Upper
276	100		
138	33.2	14.4	21.6#
277	26.1	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 6.55 ng/ul
RT: 29.49 min Scan# 4493
Delta R.T. -0.00 min
Lab File: BG027026.D
Acq: 19 May 2017 5:49

Tgt Ion:276 Resp: 246357

Ion	Ratio	Lower	Upper
276	100		
138	31.1	15.3	22.9#
277	24.1	19.0	28.4