Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027042.D
Acq On : 19 May 2017 16:21
Operator : SJ/MA
Sample : I3137-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC34

Quant Time: May 19 17:38:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 17:37:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203749	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	922954	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	464205	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	824294	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	748652	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	661691	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	952018	19.99	ng/ul	0.00
10) Fluorene-d10	15.61	176	597276	18.80	ng/ul	0.01
14) Anthracene-d10	17.36	188	824294	20.51	ng/ul	-0.09
18) Pyrene-d10	19.74	212	764105	19.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	654780	19.92	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.86	128	55751	1.16	ng/ul	99
13) Phenanthrene	17.40	178	215568	4.68	ng/ul	97
15) Anthracene	17.40	178	216535	4.57	ng/ul	97
16) Fluoranthene	19.40	202	453947	9.64	ng/ul#	92
19) Pyrene	19.77	202	387282	7.91	ng/ul#	89
20) Benzo(a)anthracene	21.59	228	235864	5.23	ng/ul	95
21) Chrysene	21.65	228	281521	6.80	ng/ul	94
23) Benzo(b)fluoranthene	23.78	252	377928	9.61	ng/ul#	91
24) Benzo(k)fluoranthene	23.78	252	377928	9.34	ng/ul#	91
26) Benzo(a)pyrene	24.63	252	199767	5.19	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	28.40	276	64295	1.82	ng/ul#	77

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027042.D
Acq On : 19 May 2017 16:21
Operator : SJ/MA
Sample : I3137-05
Misc :
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Instrument : BNA_G
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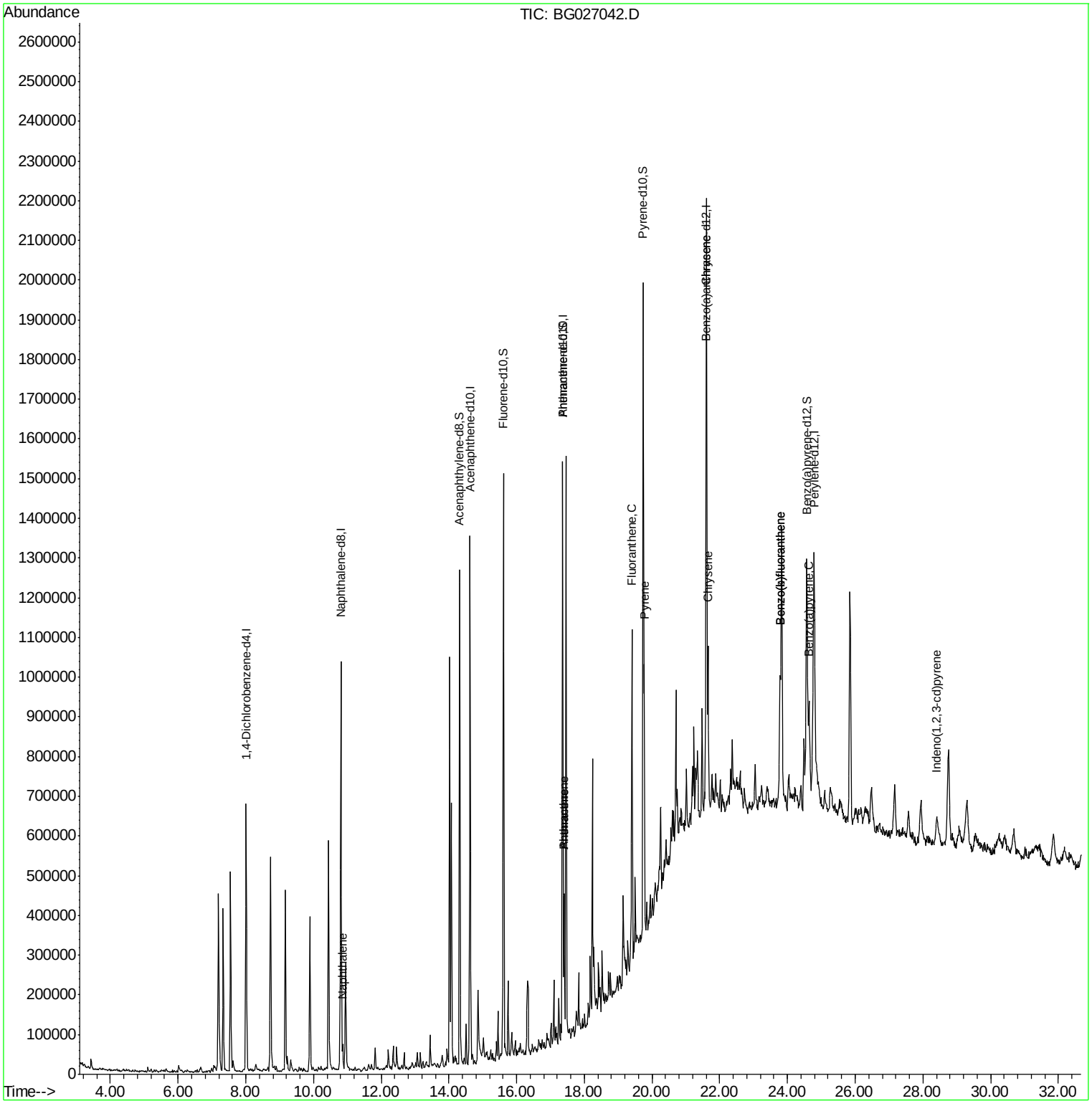
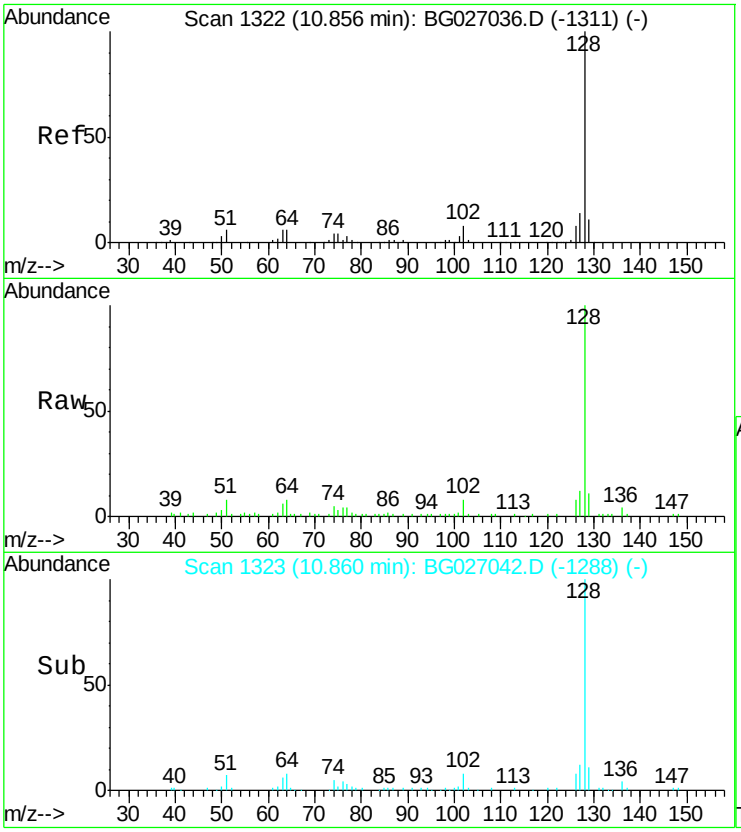
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 17:37:52 2017
Response via : Initial Calibration



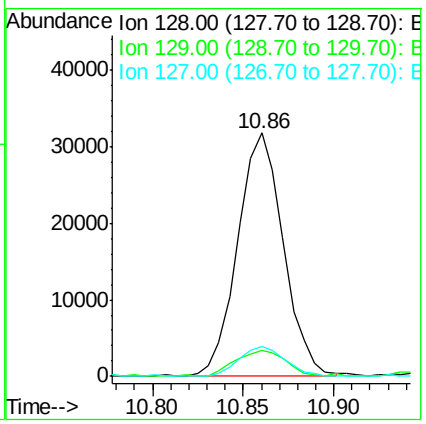


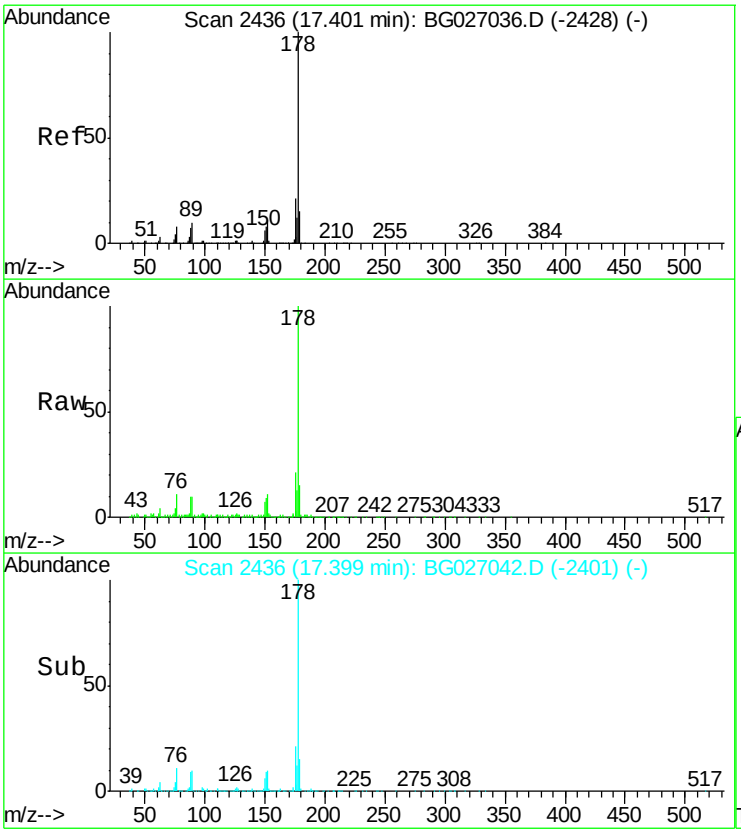
#3
Naphthalene
Concen: 1.16 ng/ul
RT: 10.86 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Instrument :
BNA_G
ClientSampleId :
DAC34

Tgt Ion:128 Resp: 55751

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.4	10.6	16.0

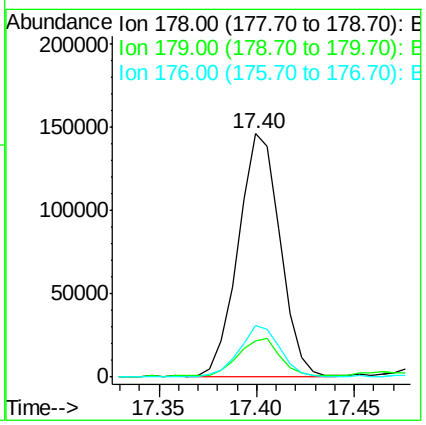


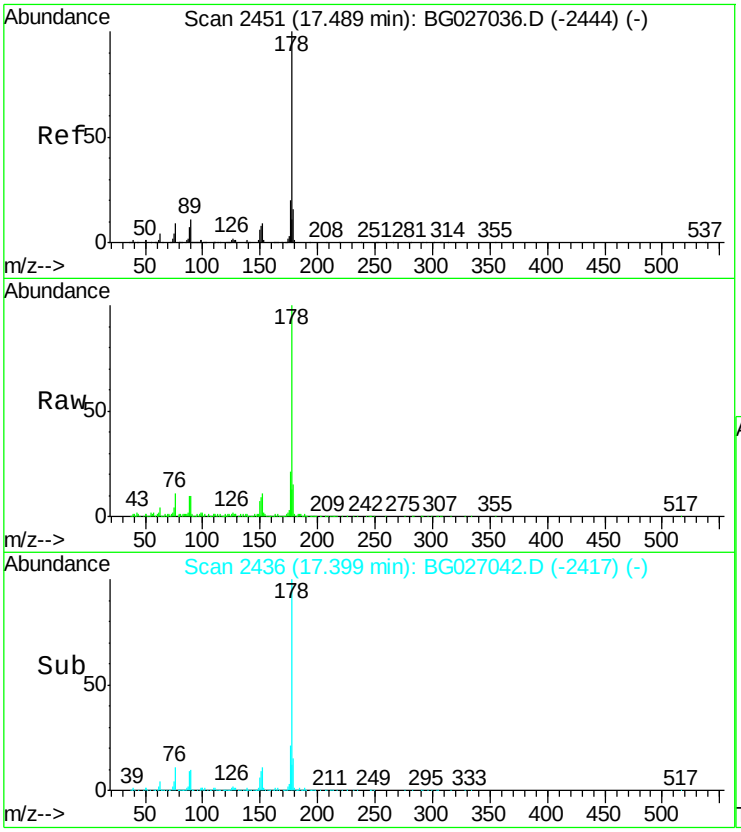


#13
Phenanthrene
Concen: 4.68 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Tgt Ion:178 Resp: 215568

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	21.4	15.1	22.7



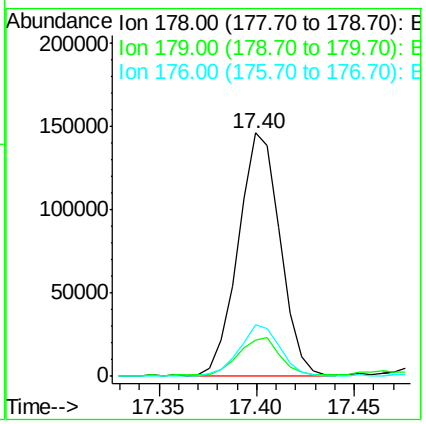


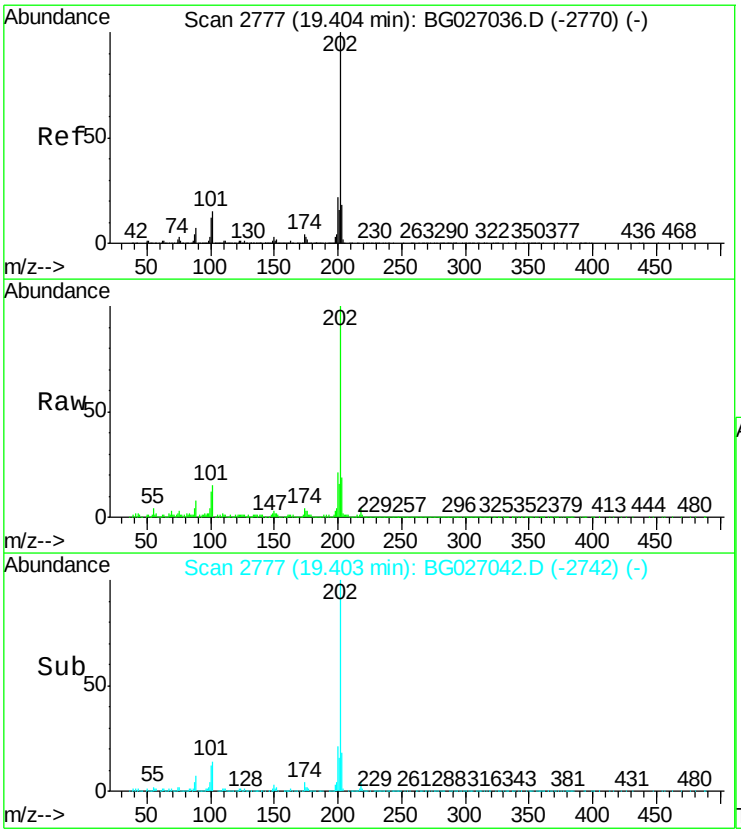
#15
Anthracene
Concen: 4.57 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. -0.09 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Instrument :
BNA_G
ClientSampleId :
DAC34

Tgt Ion:178 Resp: 216535

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	21.4	15.2	22.8

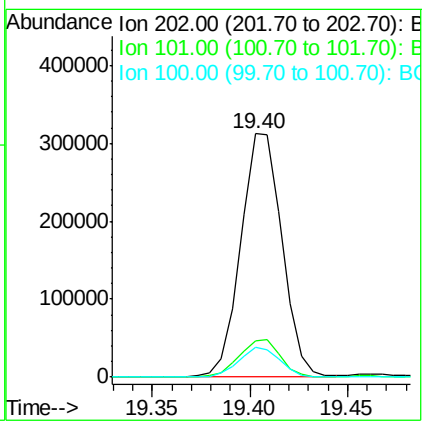


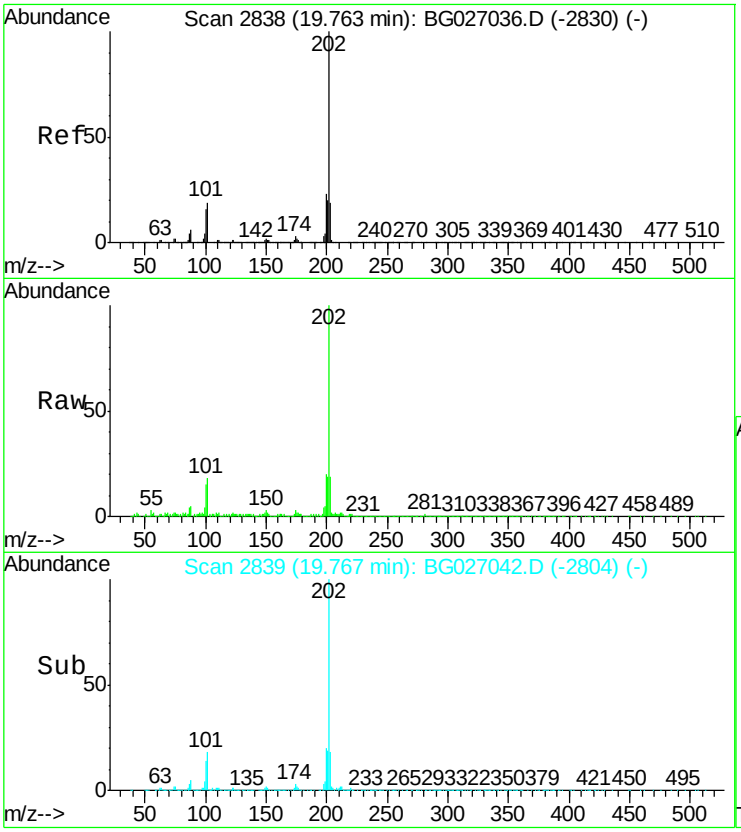


#16
Fluoranthene
Concen: 9.64 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Tgt Ion:202 Resp: 453947

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	12.3	7.4	11.0#



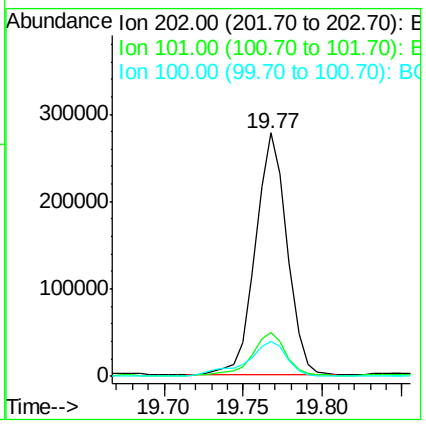


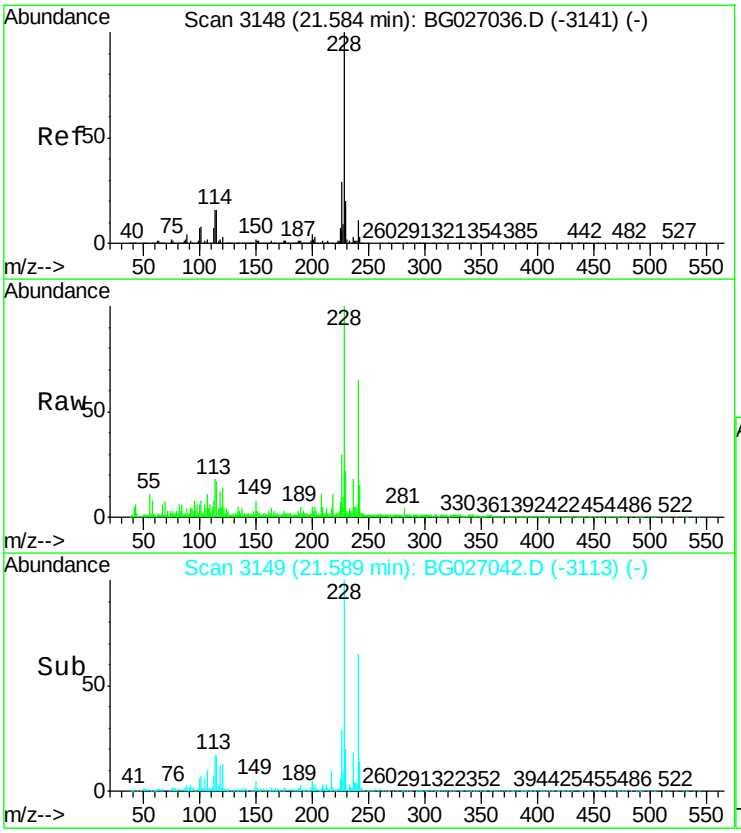
#19
Pyrene
Concen: 7.91 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Instrument :
BNA_G
ClientSampleId :
DAC34

Tgt Ion:202 Resp: 387282

Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	14.6	8.1	12.1#

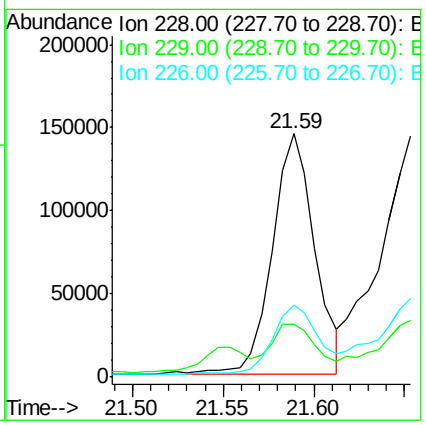


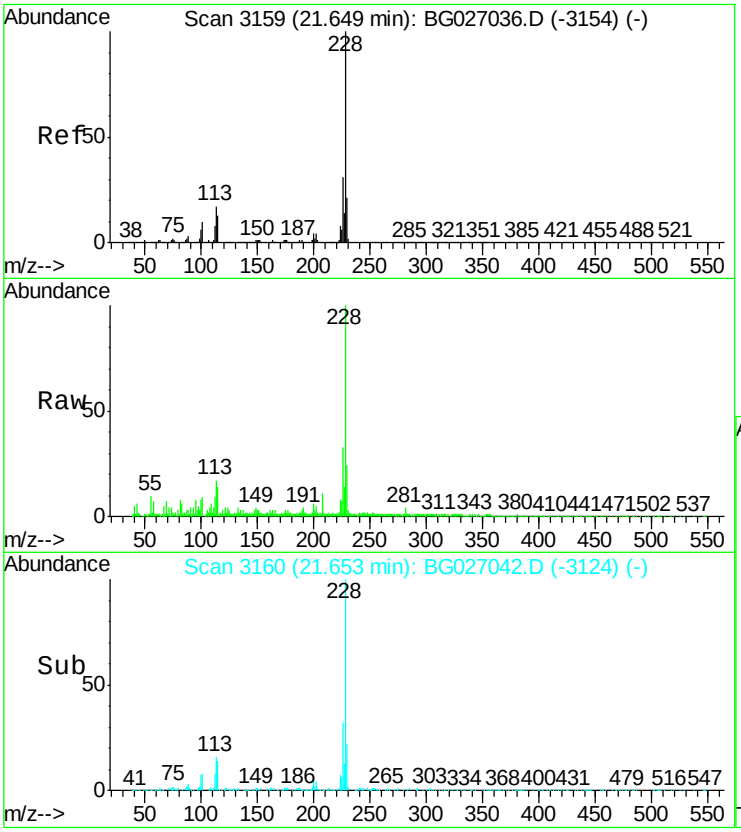


#20
Benzo(a)anthracene
Concen: 5.23 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Tgt Ion:228 Resp: 235864

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	29.6	21.1	31.7



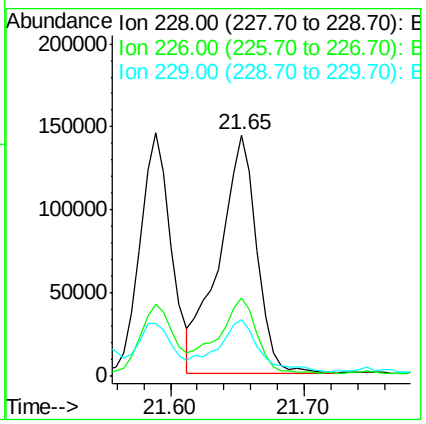


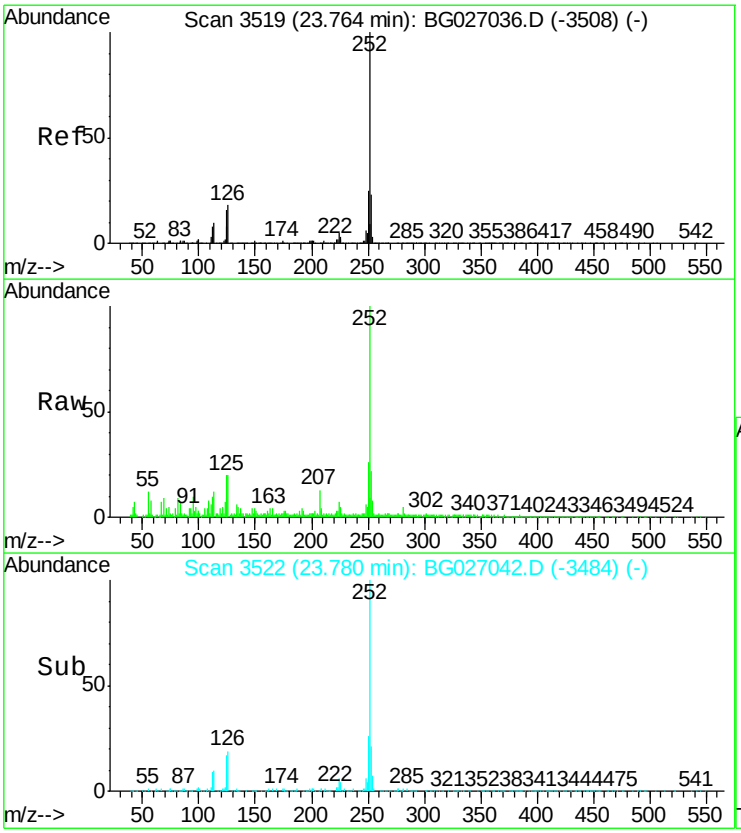
#21
Chrysene
Concen: 6.80 ng/ul
RT: 21.65 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Instrument :
BNA_G
ClientSampleId :
DAC34

Tgt Ion:228 Resp: 281521

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.5	36.7
229	23.6	15.8	23.8

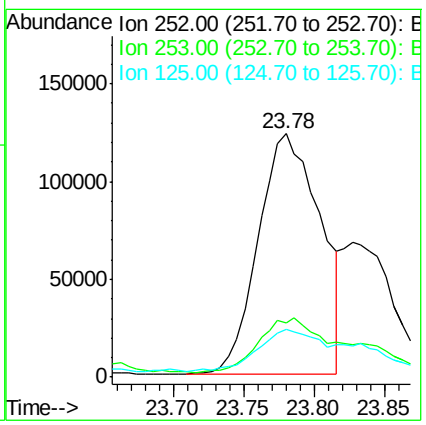


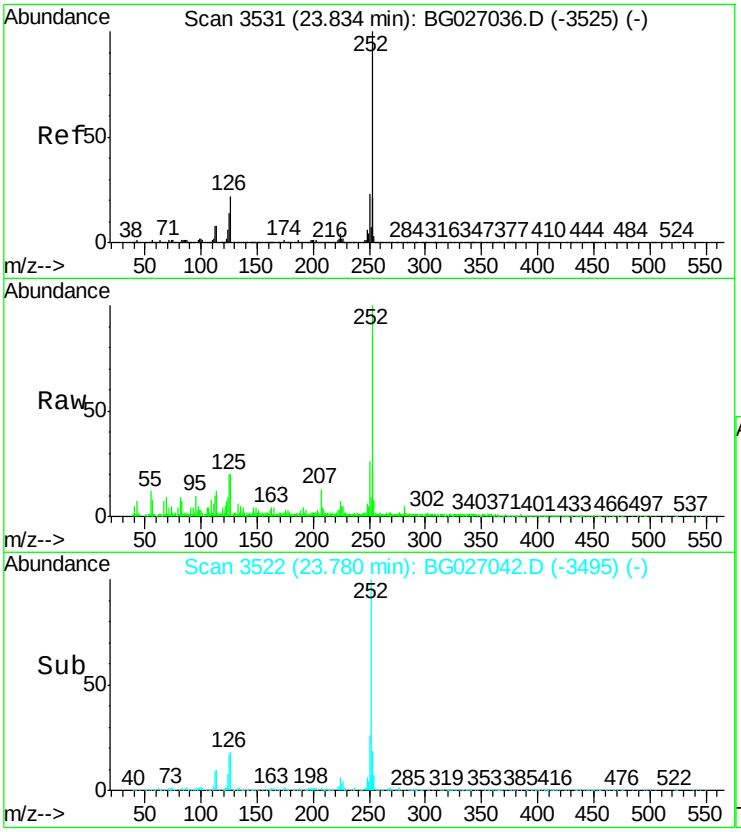


#23
Benzo(b)fluoranthene
Concen: 9.61 ng/ul
RT: 23.78 min Scan# 3522
Delta R.T. 0.02 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Tgt Ion:252 Resp: 377928

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	19.5	8.0	12.0#



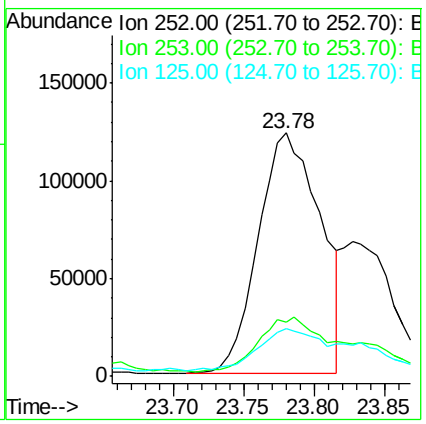


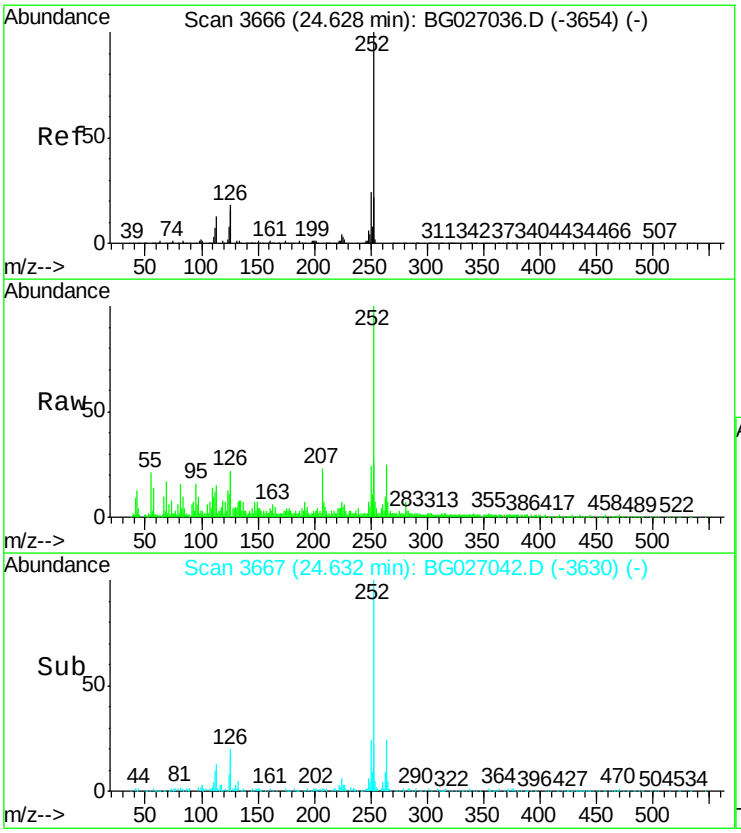
#24
Benzo(k)fluoranthene
Concen: 9.34 ng/ul
RT: 23.78 min Scan# 3522
Delta R.T. -0.04 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Instrument :
BNA_G
ClientSampleId :
DAC34

Tgt Ion:252 Resp: 377928

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	19.5	8.1	12.1#

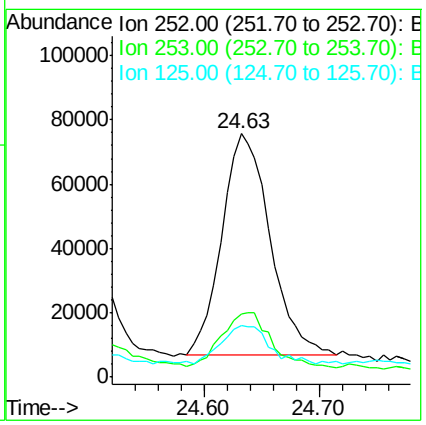


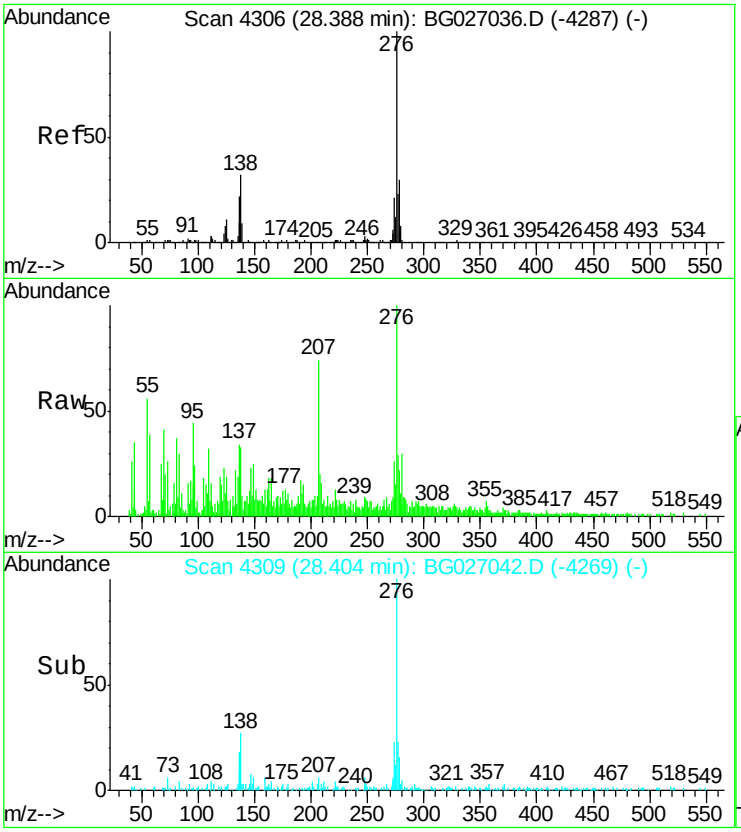


#26
Benzo(a)pyrene
Concen: 5.19 ng/ul
RT: 24.63 min Scan# 3667
Delta R.T. 0.02 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Tgt Ion:252 Resp: 199767

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	20.9	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.82 ng/ul
RT: 28.40 min Scan# 4309
Delta R.T. 0.04 min
Lab File: BG027042.D
Acq: 19 May 2017 16:21

Instrument :
BNA_G
ClientSampleId :
DAC34

Tgt Ion:276 Resp: 64295

Ion	Ratio	Lower	Upper
276	100		
138	33.5	14.4	21.6#
277	29.1	18.0	27.0#