Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
Data File : BG027106.D
Acq On : 23 May 2017 22:32
Operator : SJ/MA
Sample : I3279-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 24 01:28:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:27:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	175481	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	829686	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	431556	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	804181	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	740765	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	629746	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	660019	14.91	ng/ul	0.00
10) Fluorene-d10	15.60	176	426491	14.44	ng/ul	0.00
14) Anthracene-d10	17.35	188	804181	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	585662	15.14	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	455246	14.55	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.40	178	78495	1.75	ng/ul	97
16) Fluoranthene	19.40	202	163137	3.55	ng/ul#	92
19) Pyrene	19.76	202	142804	2.95	ng/ul#	89
20) Benzo(a)anthracene	21.65	228	70897	1.59	ng/ul	98
21) Chrysene	21.65	228	69987	1.71	ng/ul	95
23) Benzo(b)fluoranthene	23.76	252	83472	2.23	ng/ul#	94
24) Benzo(k)fluoranthene	23.76	252	83472	2.17	ng/ul#	94
26) Benzo(a)pyrene	24.62	252	48604	1.33	ng/ul#	95

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

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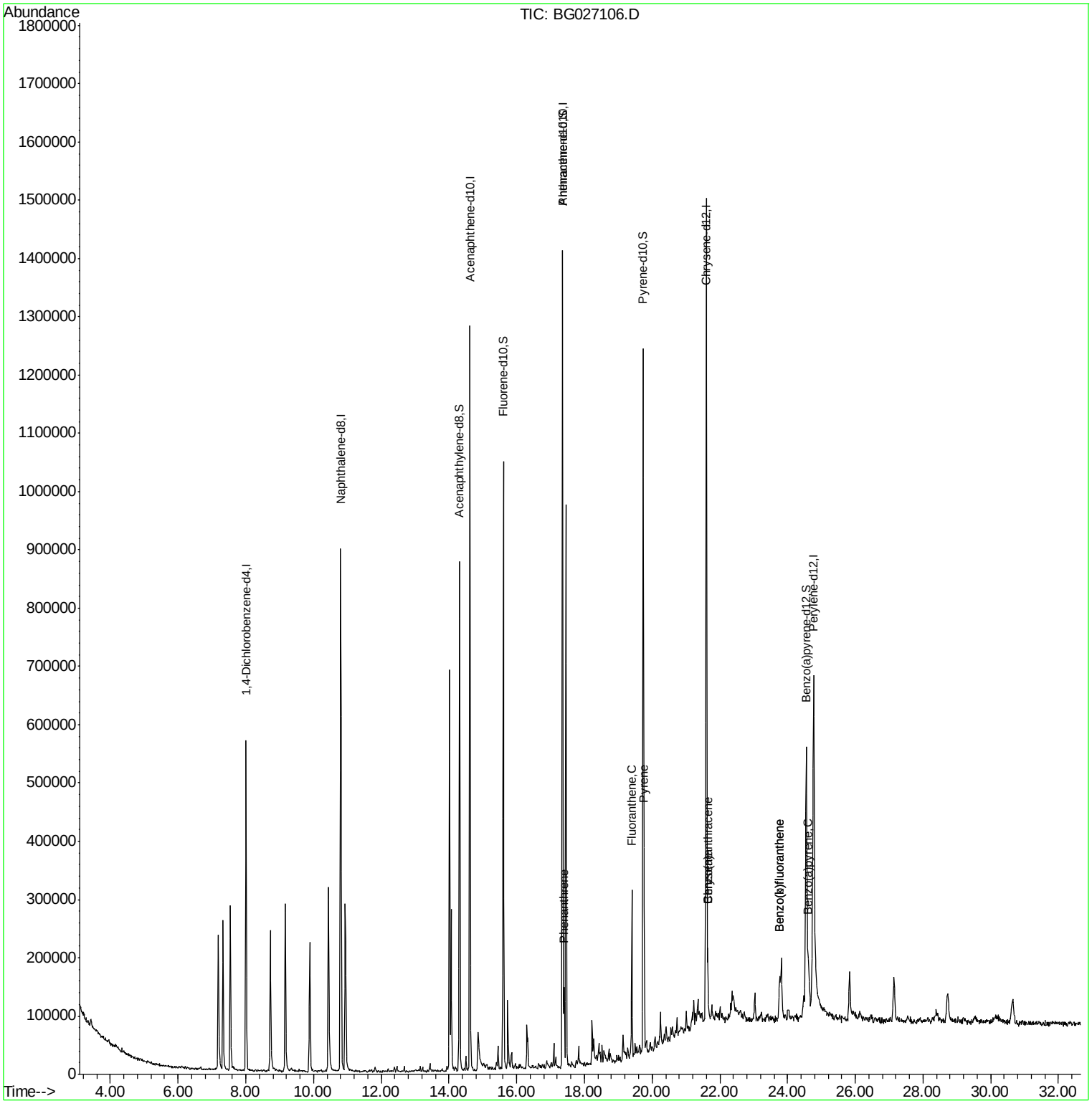
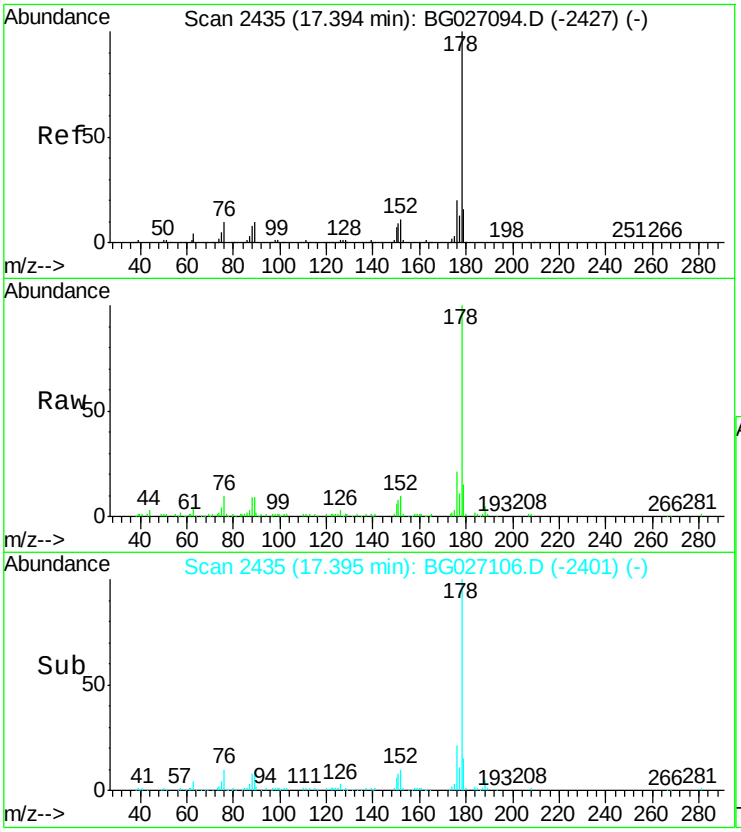


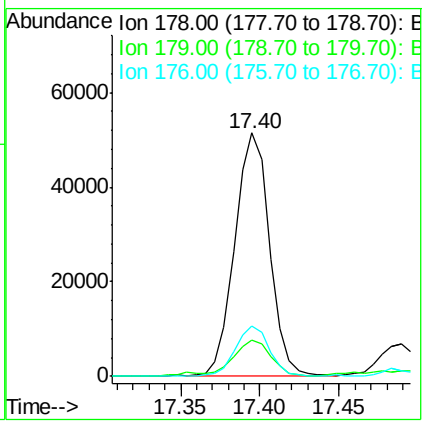


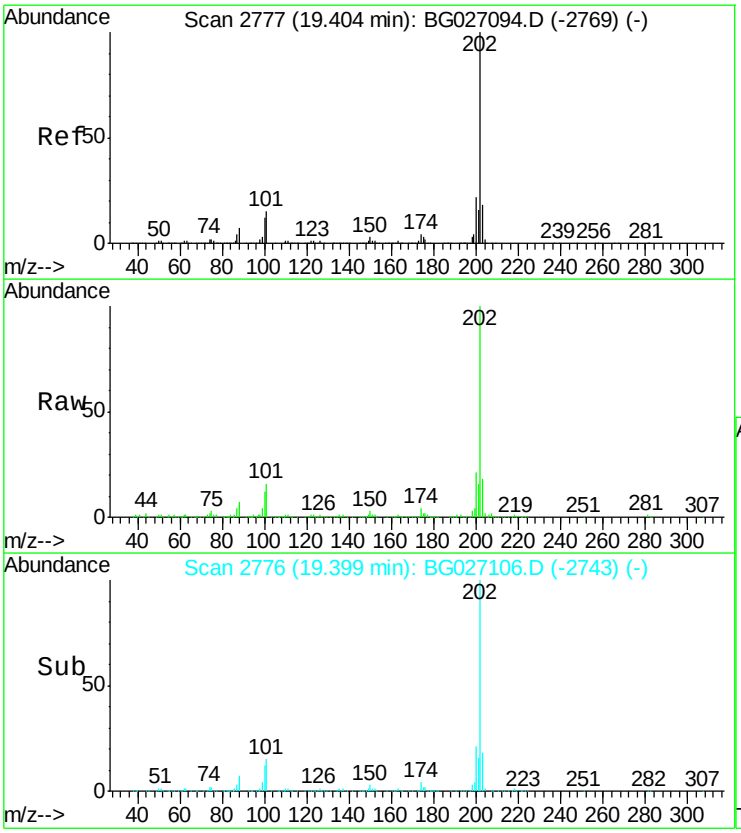
#13
Phenanthrene
Concen: 1.75 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 78495

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	20.6	15.1	22.7

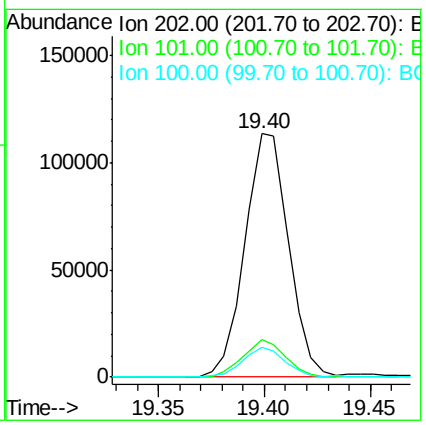


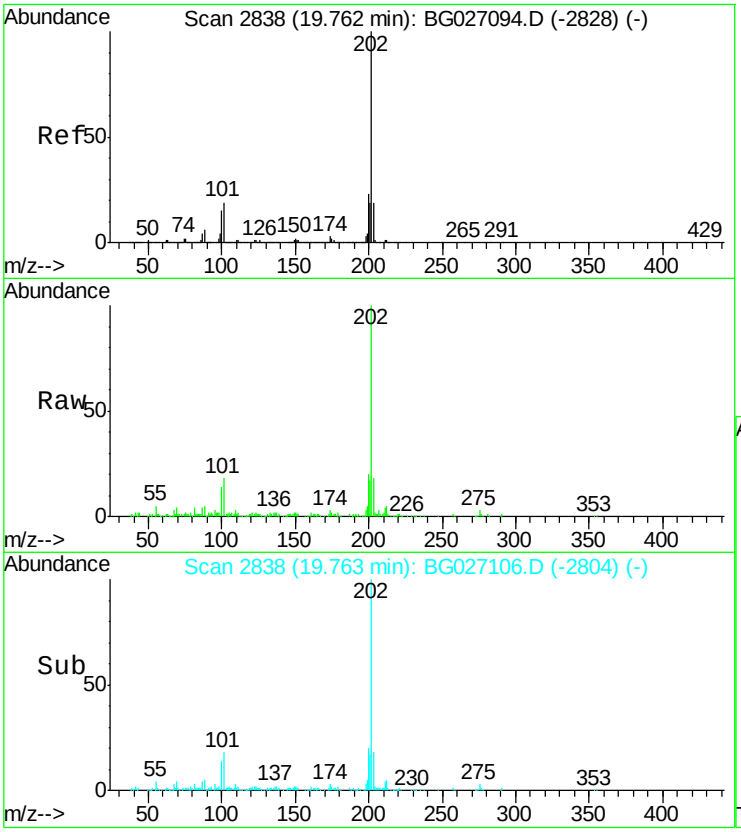


#16
Fluoranthene
Concen: 3.55 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Tgt Ion:202 Resp: 163137

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	12.3	7.4	11.0#



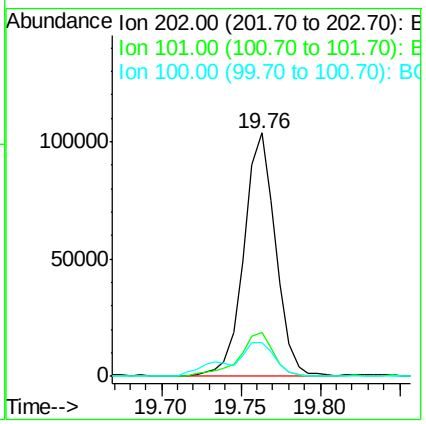


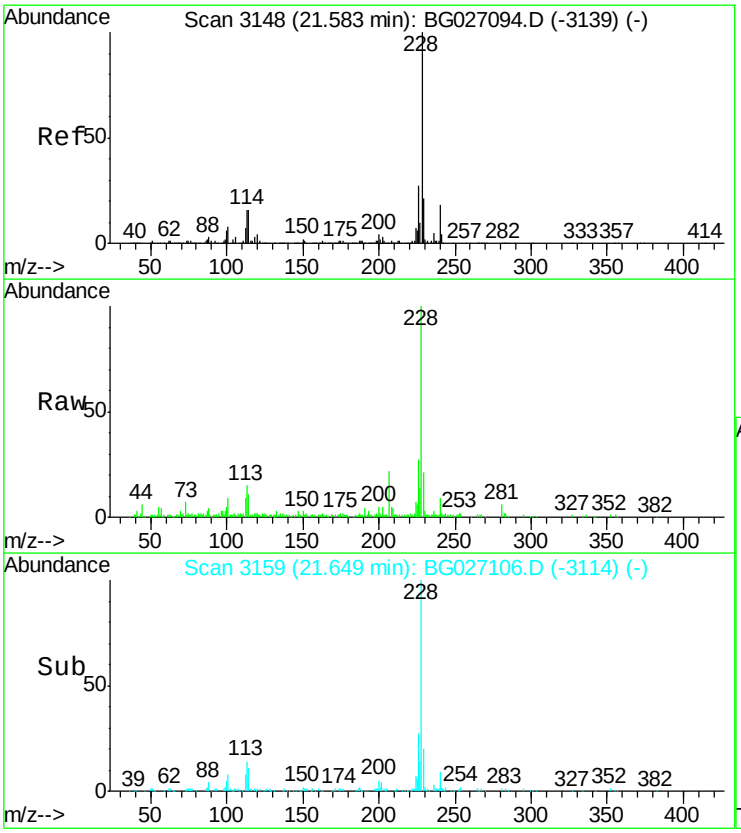
#19
Pyrene
Concen: 2.95 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 142804

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.0	8.1	12.1#

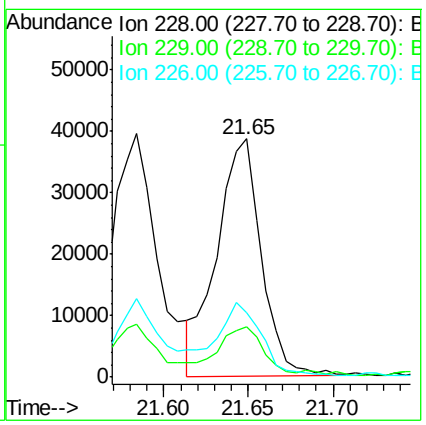


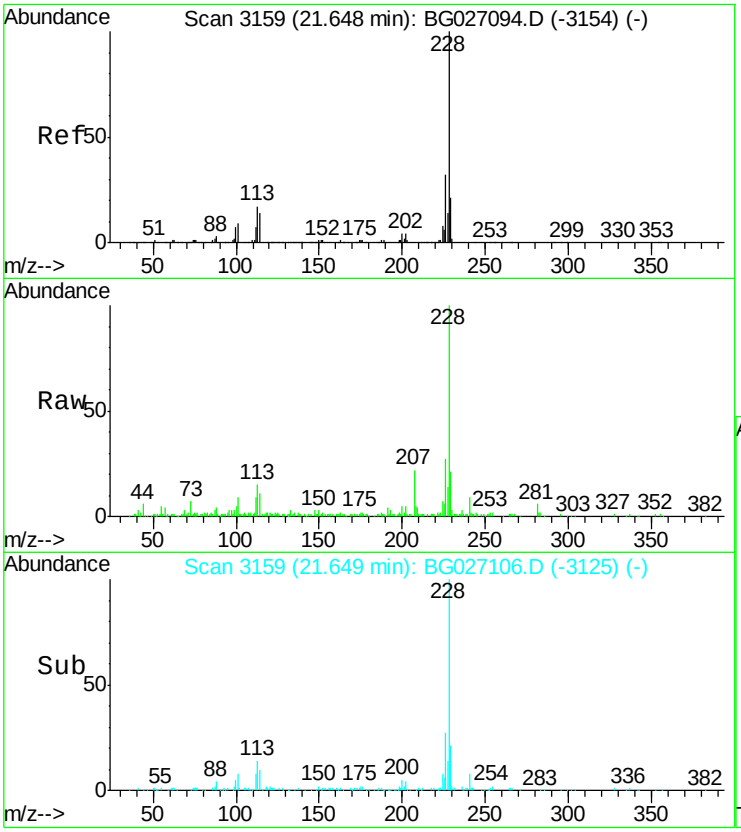


#20
Benzo(a)anthracene
Concen: 1.59 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.07 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Tgt Ion:228 Resp: 70897

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	27.0	21.1	31.7



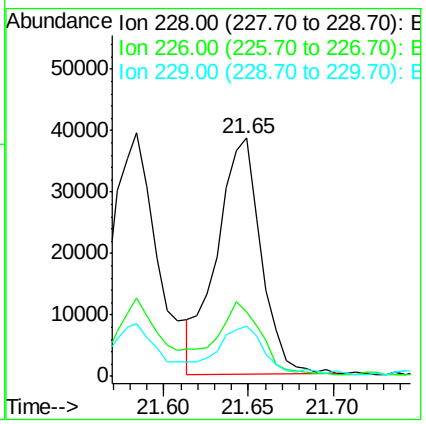


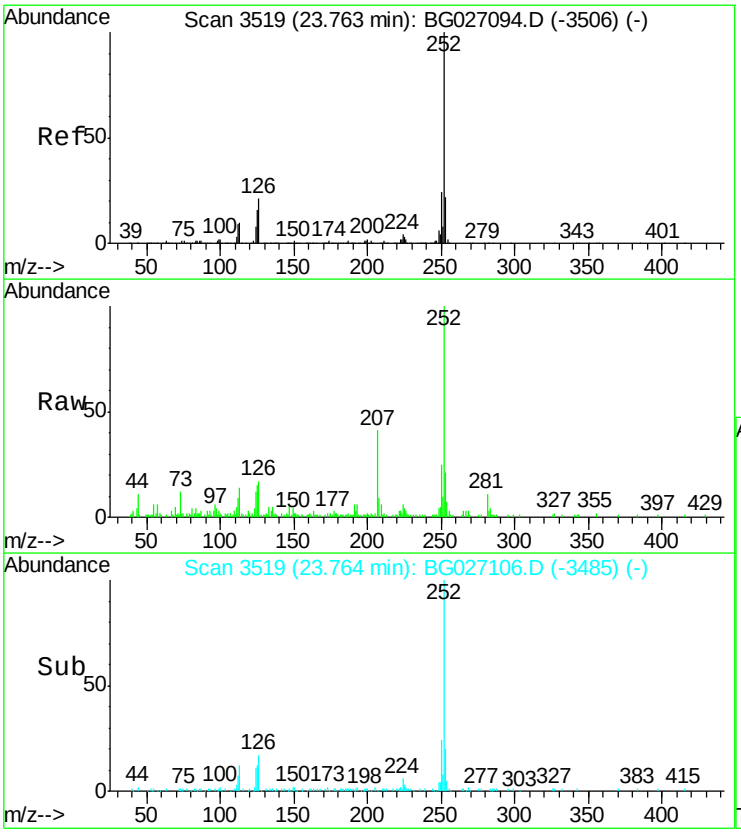
#21
Chrysene
Concen: 1.71 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 69987

Ion	Ratio	Lower	Upper
228	100		
226	27.0	24.5	36.7
229	21.4	15.8	23.8

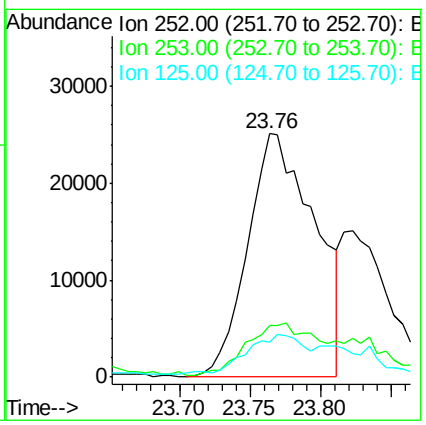


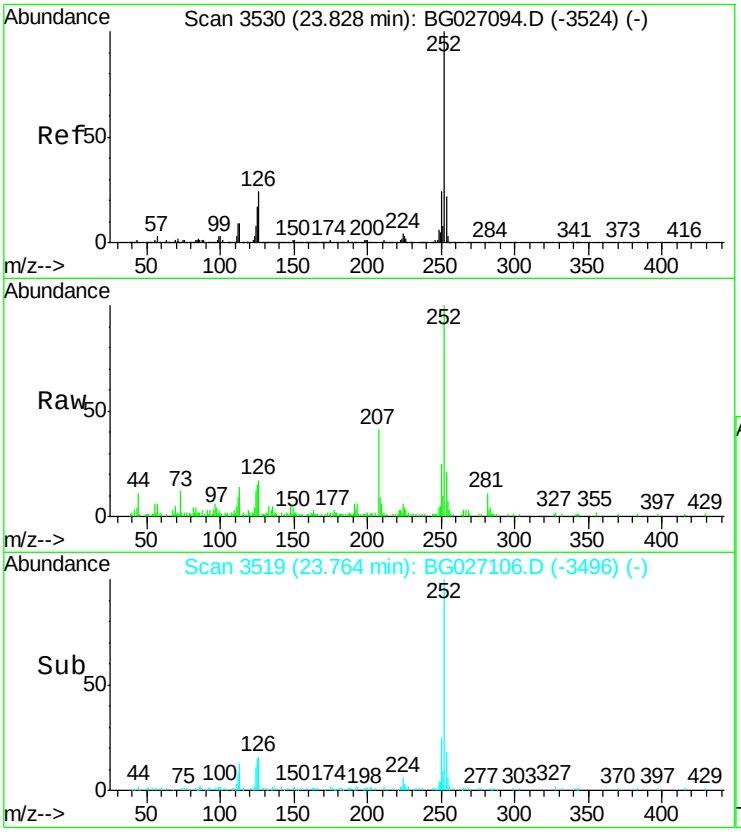


#23
Benzo(b)fluoranthene
Concen: 2.23 ng/ul
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Tgt Ion:252 Resp: 83472

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	14.5	8.0	12.0#



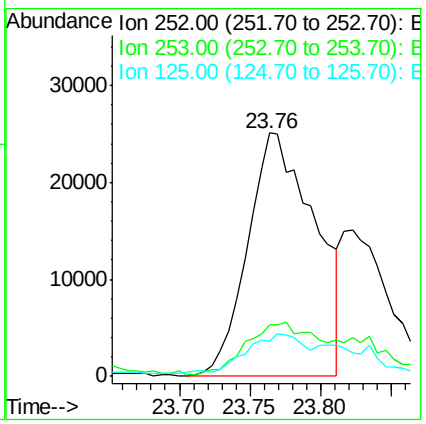


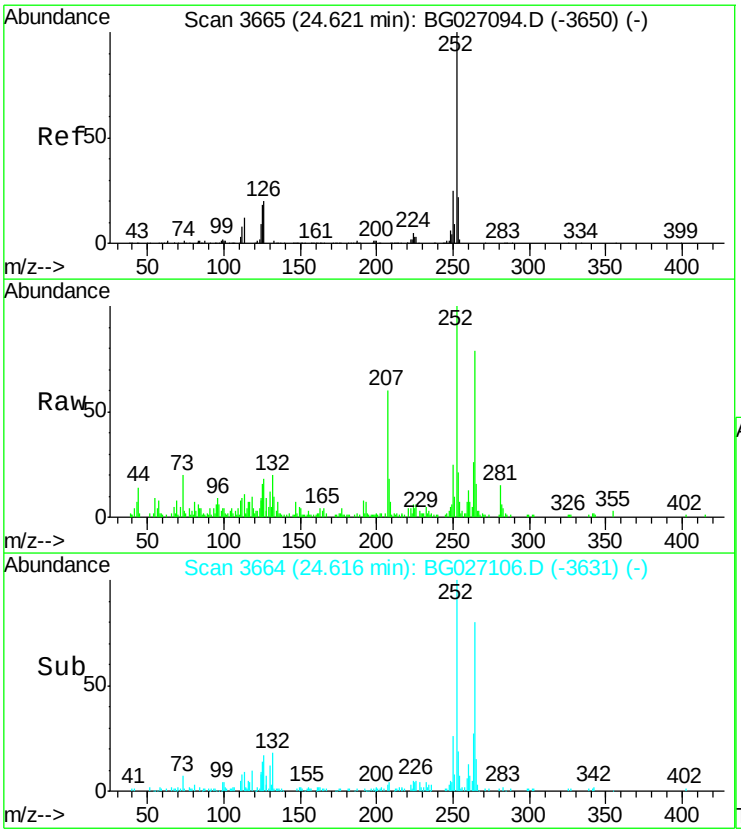
#24
Benzo(k)fluoranthene
Concen: 2.17 ng/ul
RT: 23.76 min Scan# 3519
Delta R.T. -0.06 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 83472

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	14.5	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 1.33 ng/ul
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG027106.D
Acq: 23 May 2017 22:32

Tgt Ion:252 Resp: 48604

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	15.5	8.2	12.4#