Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
Data File : BG027144.D
Acq On : 25 May 2017 1:24
Operator : SJ/MA
Sample : I3279-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 25 04:54:25 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	232373	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1117829	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	580042	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1043004	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	925856	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	822747	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1367140	22.98	ng/ul	0.00
10) Fluorene-d10	15.61	176	869130	21.90	ng/ul	0.00
14) Anthracene-d10	17.35	188	1043004	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	1126503	23.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	991904	24.26	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.40	178	361788	6.20	ng/ul	98
15) Anthracene	17.49	178	71951	1.20	ng/ul	96
16) Fluoranthene	19.40	202	696365	11.68	ng/ul#	91
19) Pyrene	19.77	202	580385	9.59	ng/ul#	90
20) Benzo(a)anthracene	21.59	228	356425	6.39	ng/ul	97
21) Chrysene	21.59	228	355378	6.94	ng/ul	95
23) Benzo(b)fluoranthene	23.78	252	512324	10.48	ng/ul#	92
24) Benzo(k)fluoranthene	23.78	252	512324	10.19	ng/ul#	92
26) Benzo(a)pyrene	24.63	252	297389	6.22	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	28.40	276	75520	1.72	ng/ul#	78
29) Benzo(g,h,i)perylene	29.56	276	117787	3.37	ng/ul#	80

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

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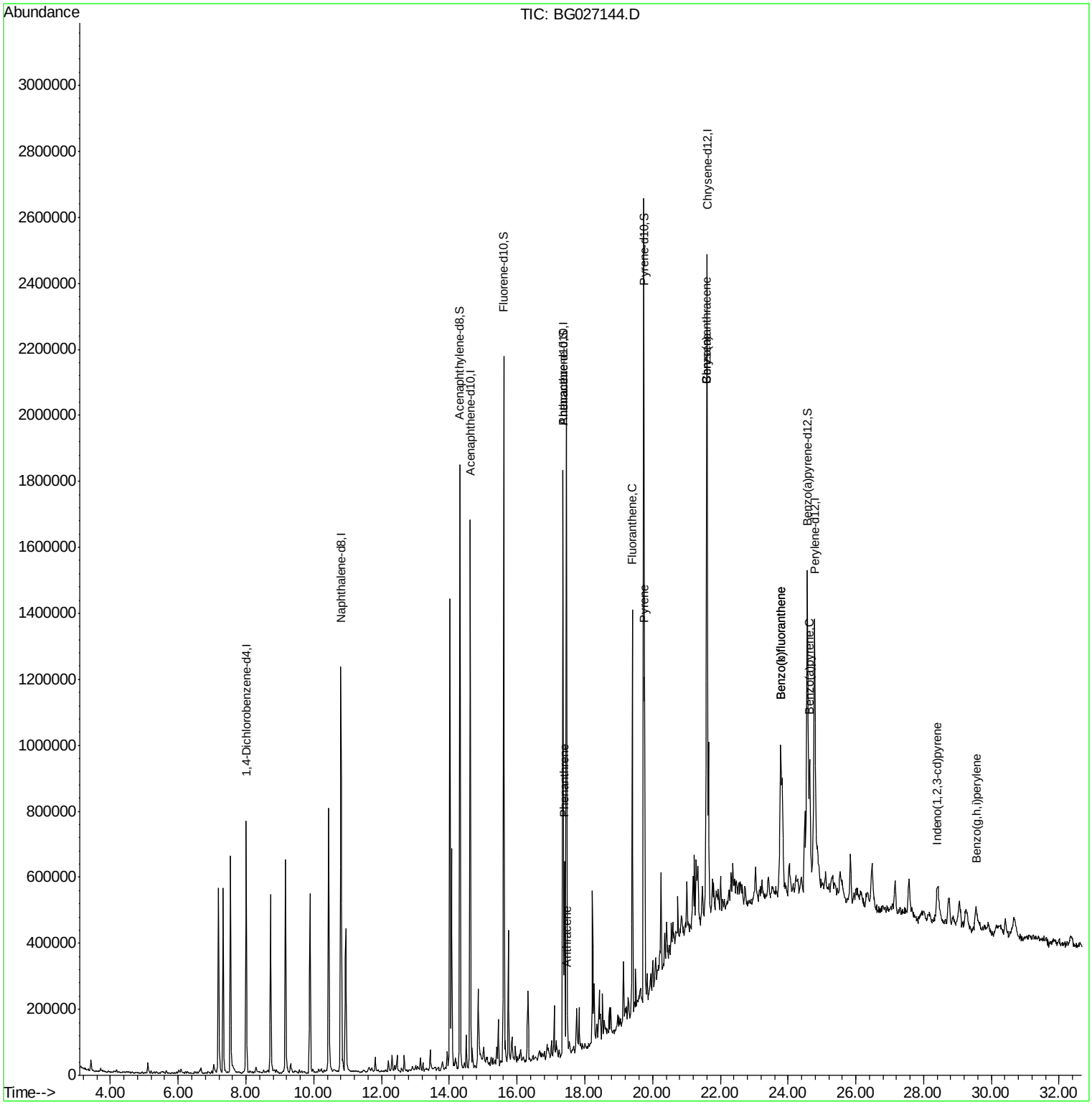
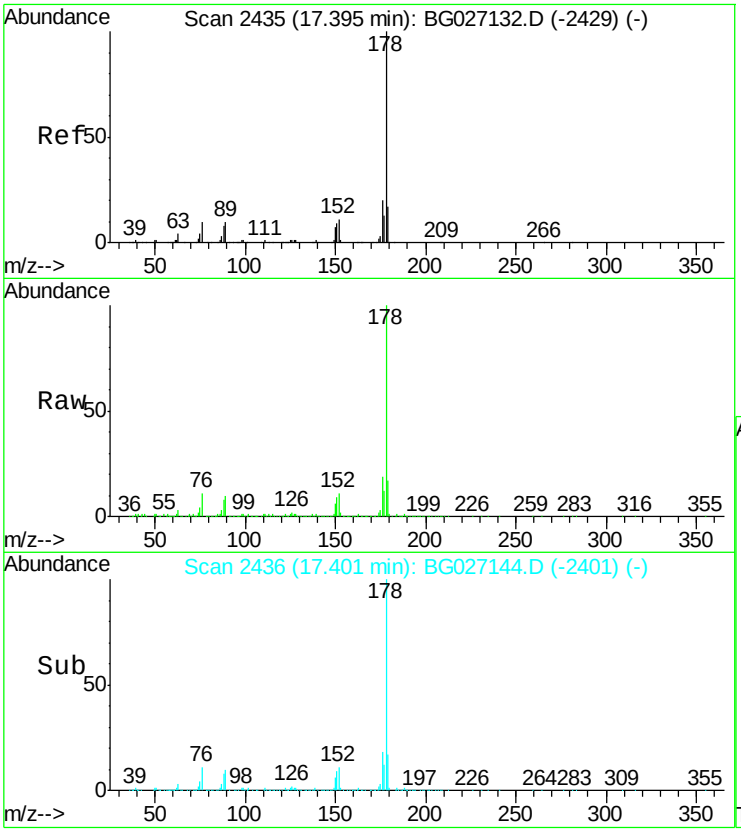
Response via : Initial Calibration



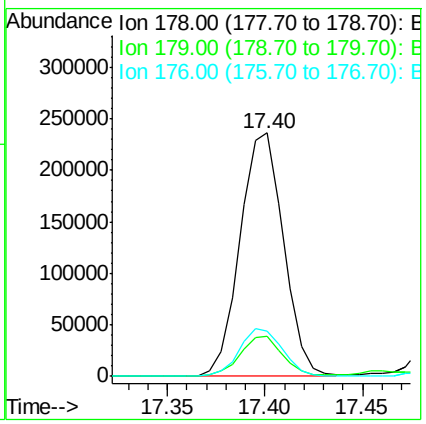


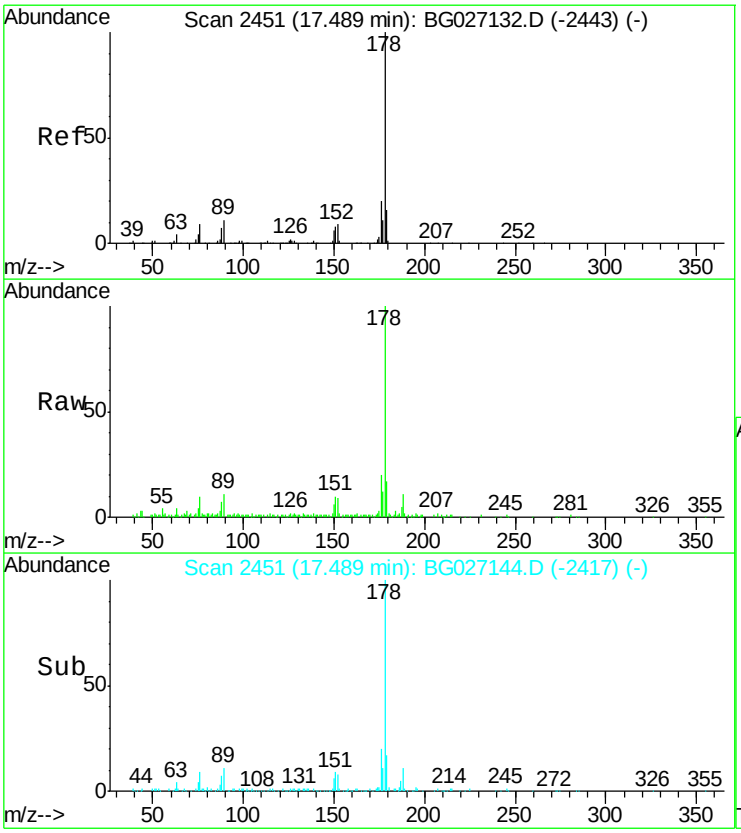
#13
Phenanthrene
Concen: 6.20 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 361788

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	18.5	15.1	22.7

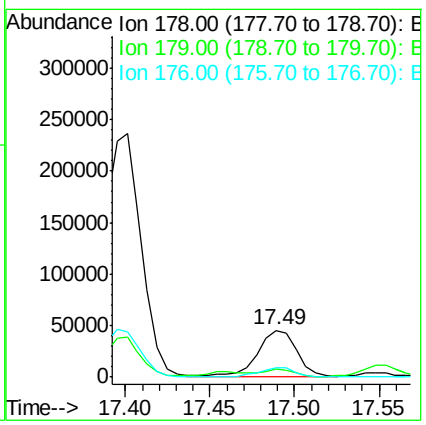


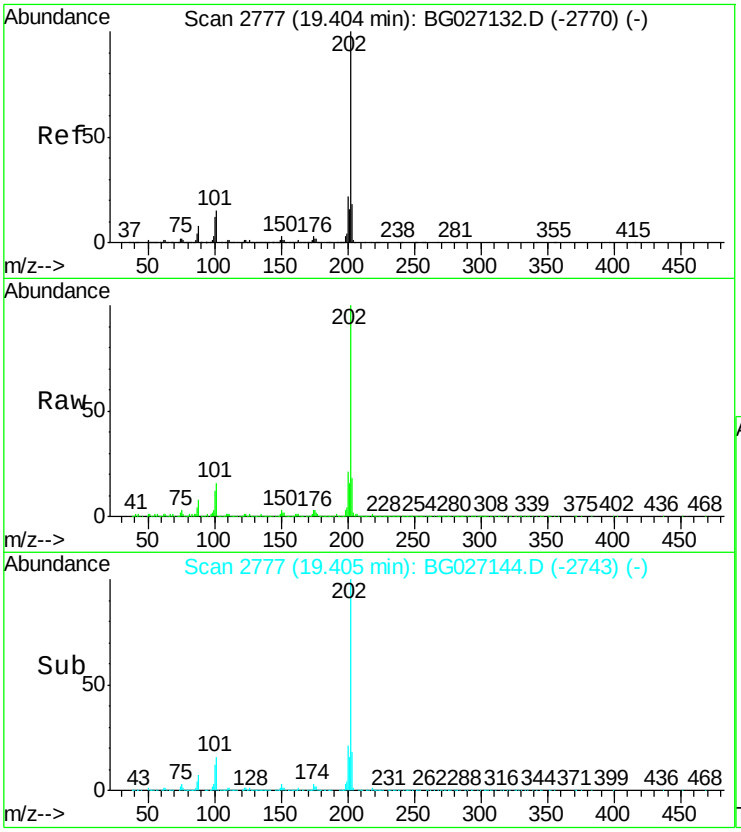


#15
Anthracene
Concen: 1.20 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Tgt Ion:178 Resp: 71951

Ion	Ratio	Lower	Upper
178	100		
179	17.1	11.8	17.8
176	20.1	15.2	22.8



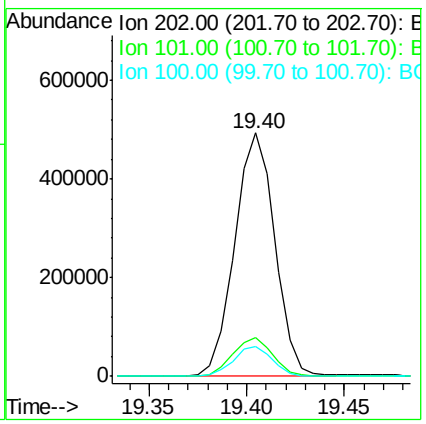


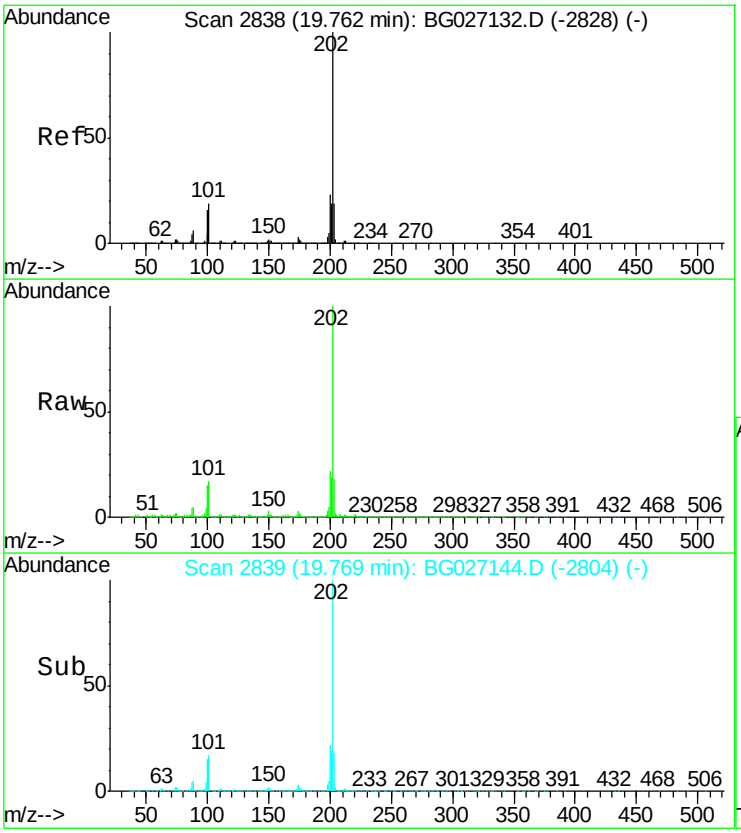
#16
Fluoranthene
Concen: 11.68 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 696365

Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	12.2	7.4	11.0#

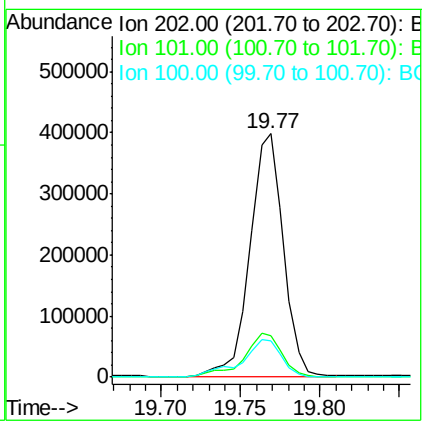


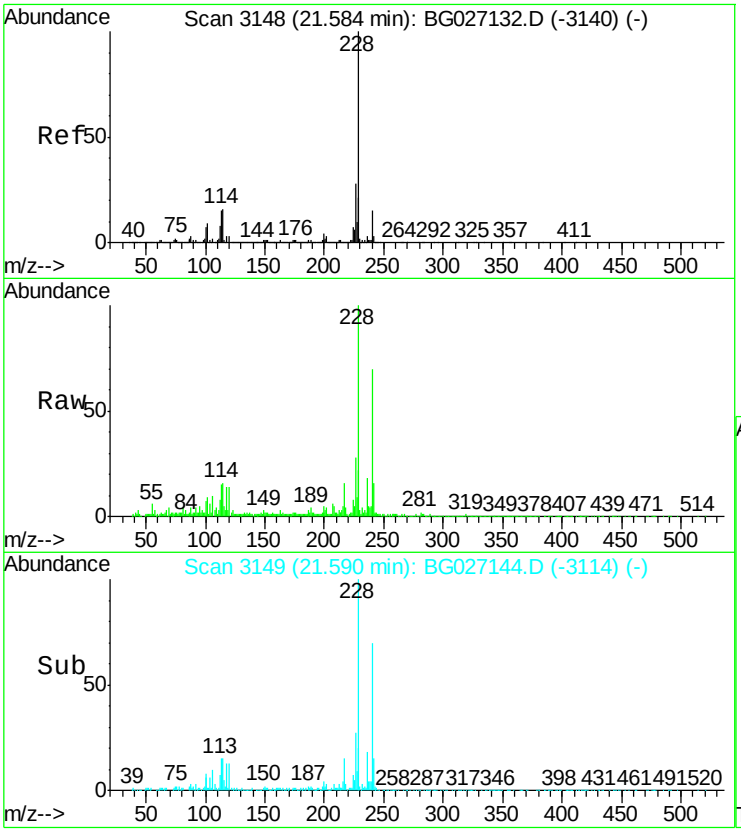


#19
Pyrene
Concen: 9.59 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Tgt Ion:202 Resp: 580385

Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.0	16.4#
100	14.9	8.1	12.1#



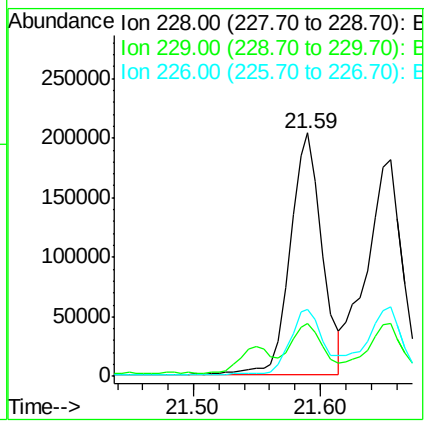


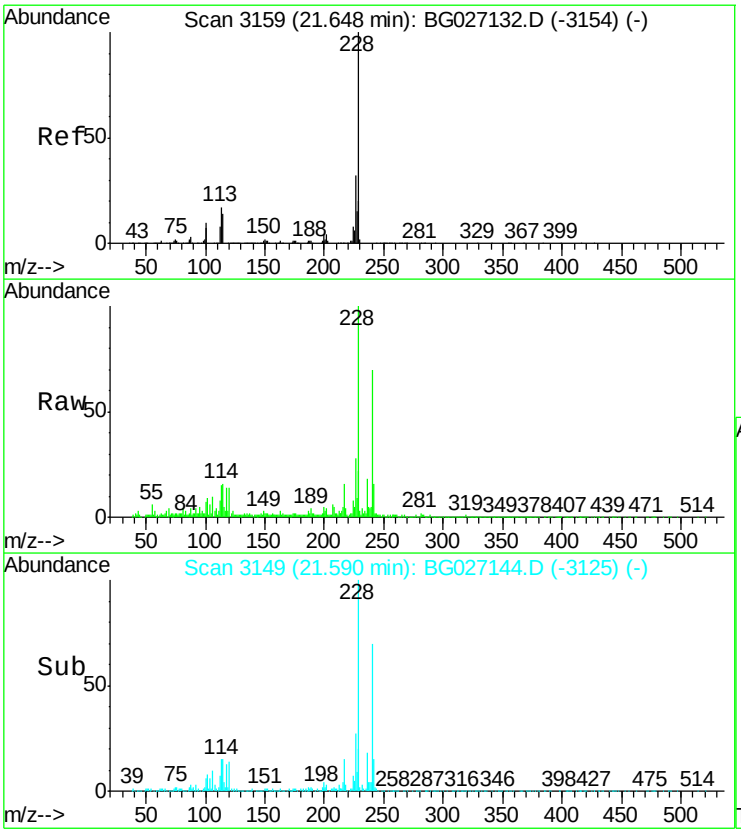
#20
Benzo(a)anthracene
Concen: 6.39 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 356425

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	27.6	21.1	31.7

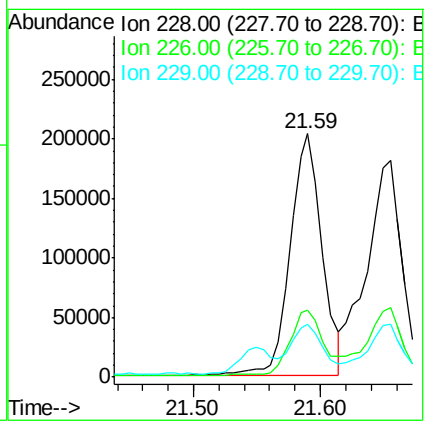


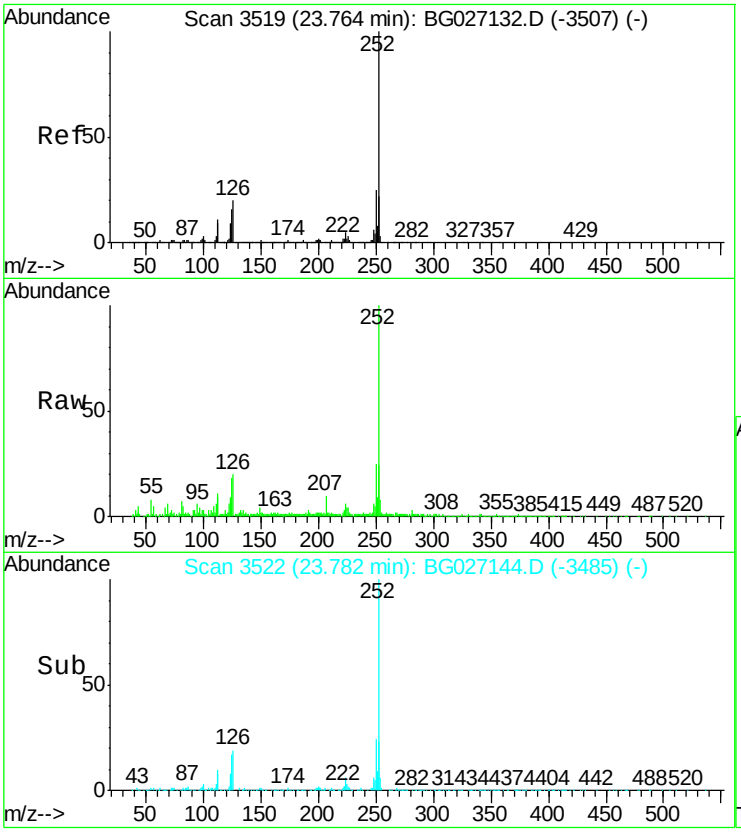


#21
Chrysene
Concen: 6.94 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. -0.06 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Tgt Ion:228 Resp: 355378

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.5	36.7
229	21.5	15.8	23.8



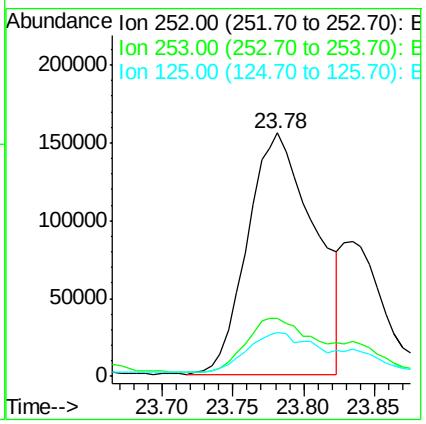


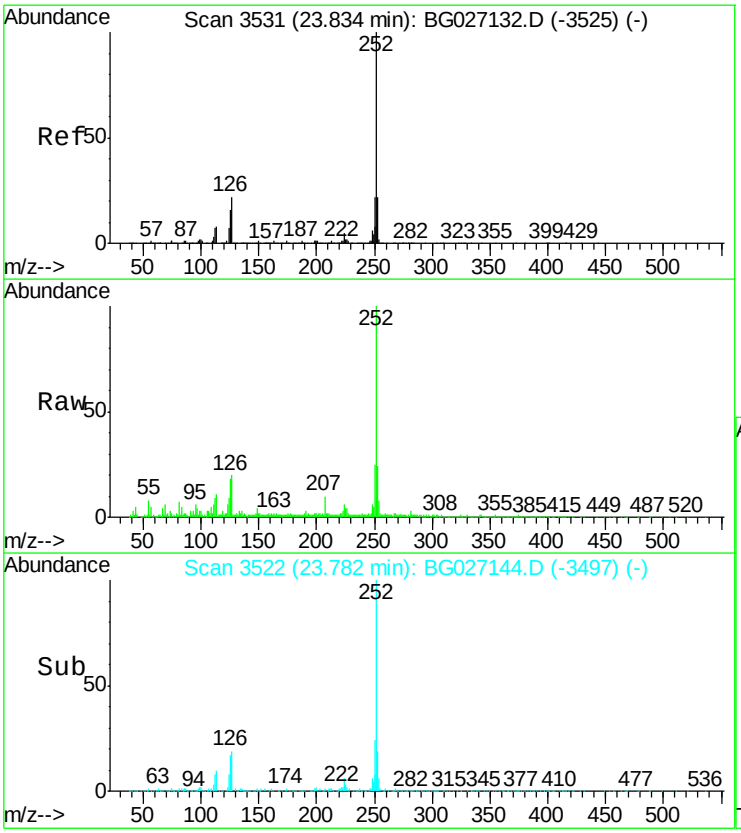
#23
Benzo(b)fluoranthene
Concen: 10.48 ng/ul
RT: 23.78 min Scan# 3522
Delta R.T. 0.02 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 512324

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

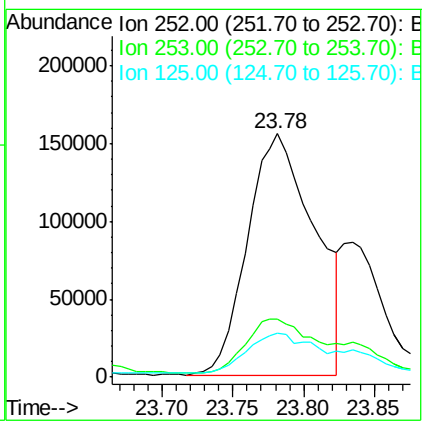


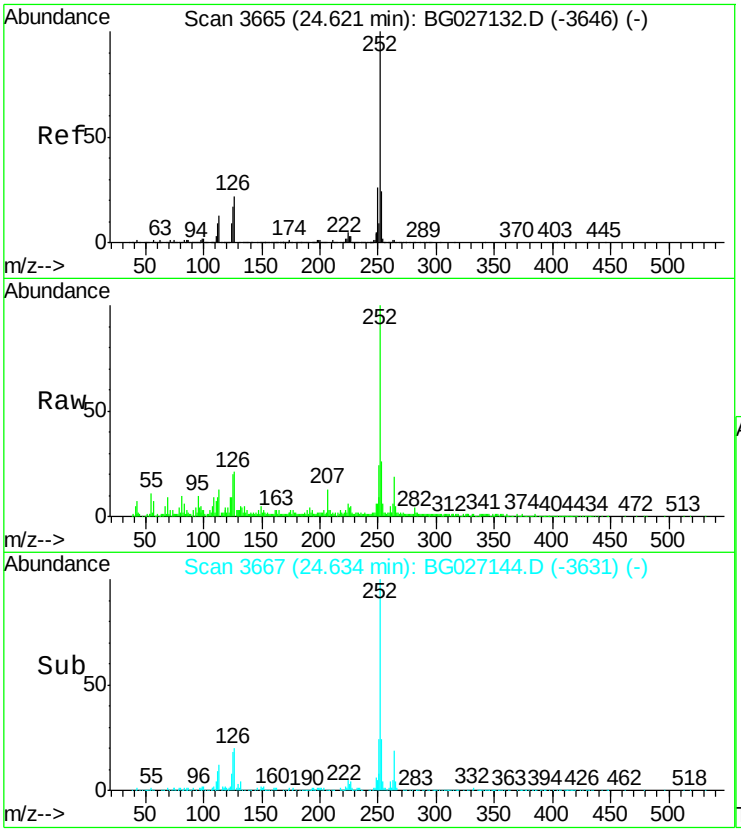


#24
Benzo(k)fluoranthene
Concen: 10.19 ng/ul
RT: 23.78 min Scan# 3522
Delta R.T. -0.05 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Tgt Ion:252 Resp: 512324

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



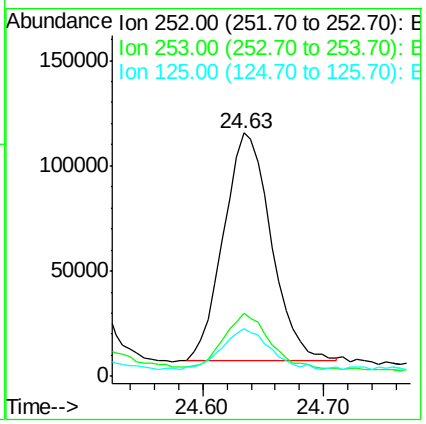


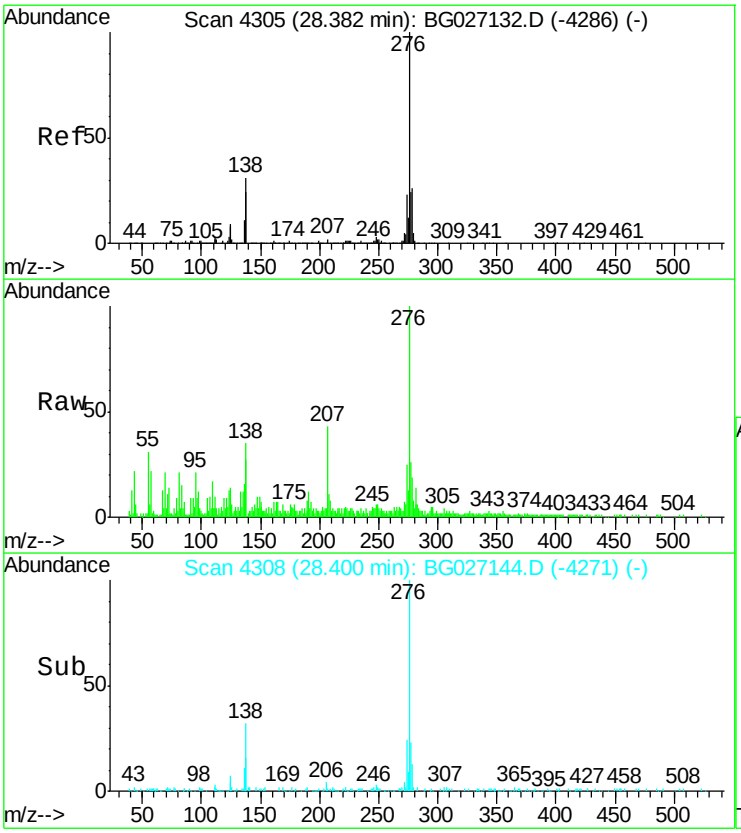
#26
Benzo(a)pyrene
Concen: 6.22 ng/ul
RT: 24.63 min Scan# 3667
Delta R.T. 0.01 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 297389

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.2	25.8#
125	19.9	8.2	12.4#

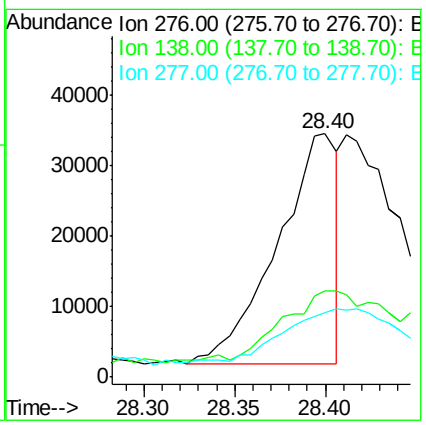


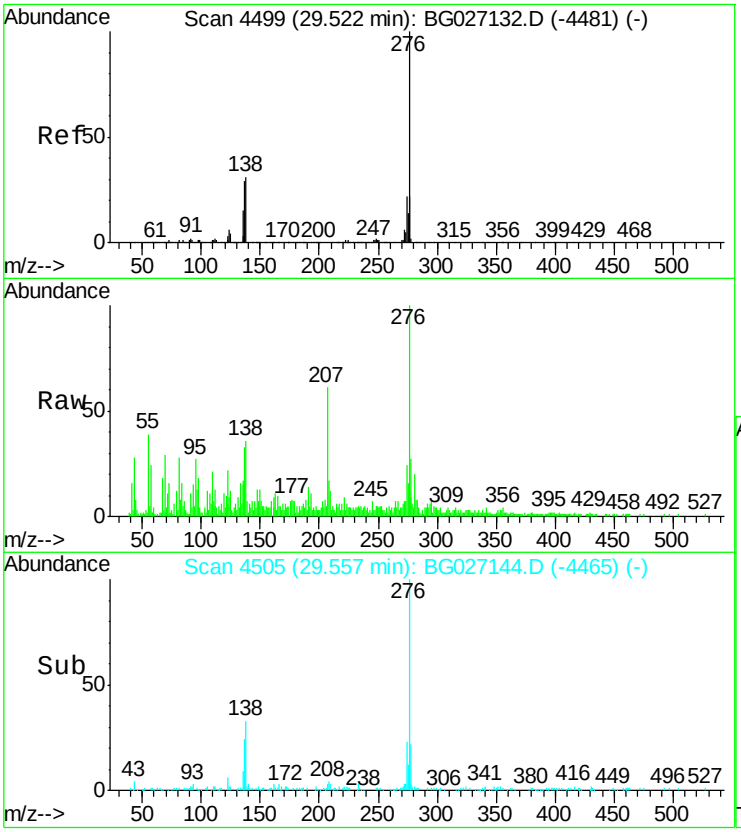


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.72 ng/ul
RT: 28.40 min Scan# 4308
Delta R.T. 0.02 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Tgt Ion:276 Resp: 75520

Ion	Ratio	Lower	Upper
276	100		
138	35.2	14.4	21.6#
277	26.5	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 3.37 ng/ul
RT: 29.56 min Scan# 4505
Delta R.T. 0.04 min
Lab File: BG027144.D
Acq: 25 May 2017 1:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 117787

Ion	Ratio	Lower	Upper
276	100		
138	36.2	15.3	22.9#
277	26.9	19.0	28.4