Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
Data File : BG027100.D
Acq On : 23 May 2017 18:35
Operator : SJ/MA
Sample : I3275-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC70MSD

Manual Integrations APPROVED
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Quant Time: May 23 19:15:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 17:47:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	190970	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	900528	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	480564	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	875645	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	807237	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	723519	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	859759	17.44	ng/ul	0.00
10) Fluorene-d10	15.60	176	548638	16.68	ng/ul	0.00
14) Anthracene-d10	17.45	188	763326m	17.88	ng/ul	0.00
18) Pyrene-d10	19.74	212	762928	18.10	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	651645	18.13	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.68	153	602805	17.77	ng/ul	98
13) Phenanthrene	17.40	178	89844	1.84	ng/ul	96
16) Fluoranthene	19.40	202	190285	3.80	ng/ul#	94
19) Pyrene	19.76	202	1124998	21.32	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	113756	2.34	ng/ul	97
21) Chrysene	21.64	228	120843	2.71	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	183848	4.28	ng/ul#	89
24) Benzo(k)fluoranthene	23.82	252	77364m	1.75	ng/ul	
26) Benzo(a)pyrene	24.62	252	102871	2.45	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.38	276	50879	1.31	ng/ul#	86
29) Benzo(g,h,i)perylene	29.52	276	47274m	1.54	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
Data File : BG027100.D
Acq On : 23 May 2017 18:35
Operator : SJ/MA
Sample : I3275-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 19:15:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 23 17:47:51 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DAC70MSD

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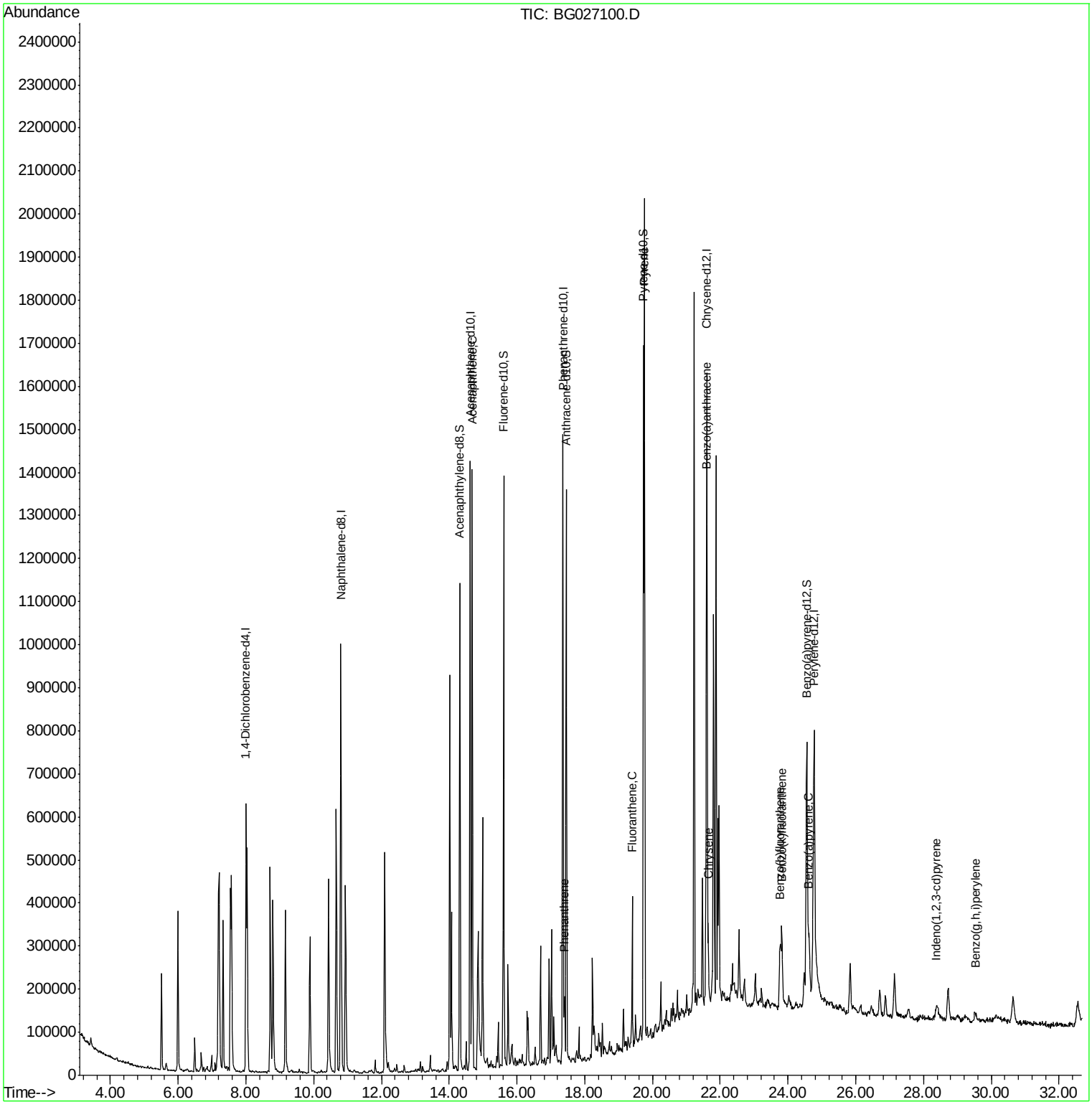
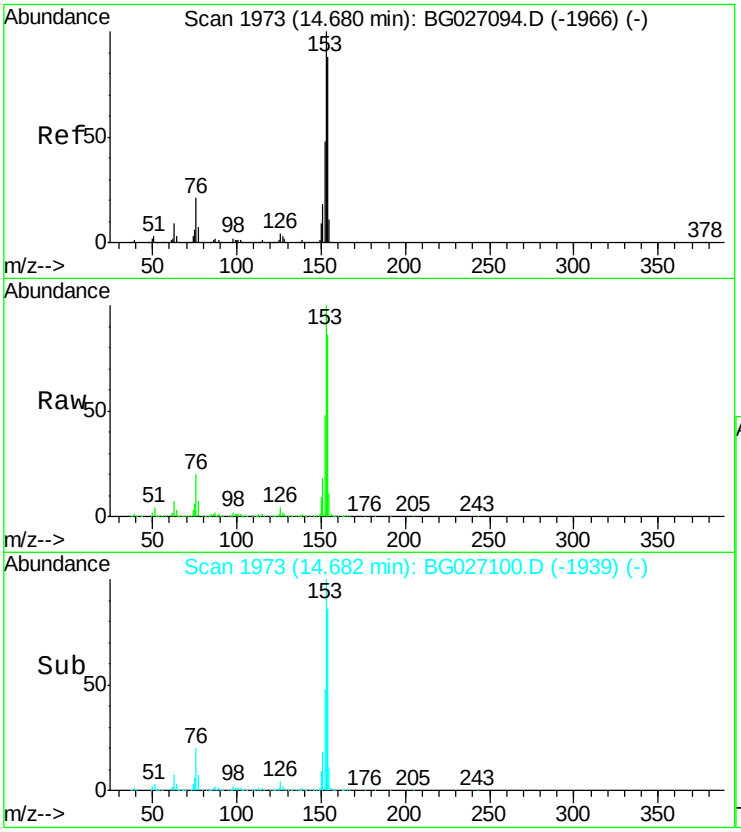
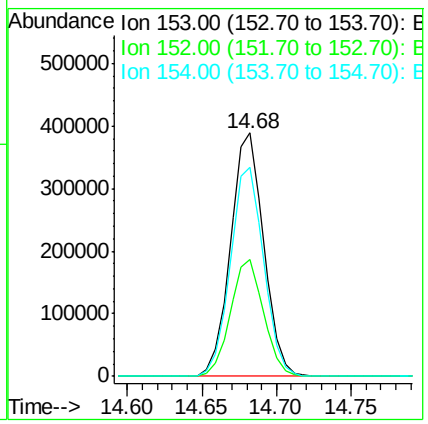




#9
Acenaphthene
Concen: 17.77 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:153 Resp: 602805

Ion	Ratio	Lower	Upper
153	100		
152	48.0	39.0	58.6
154	86.0	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DAC70MSD

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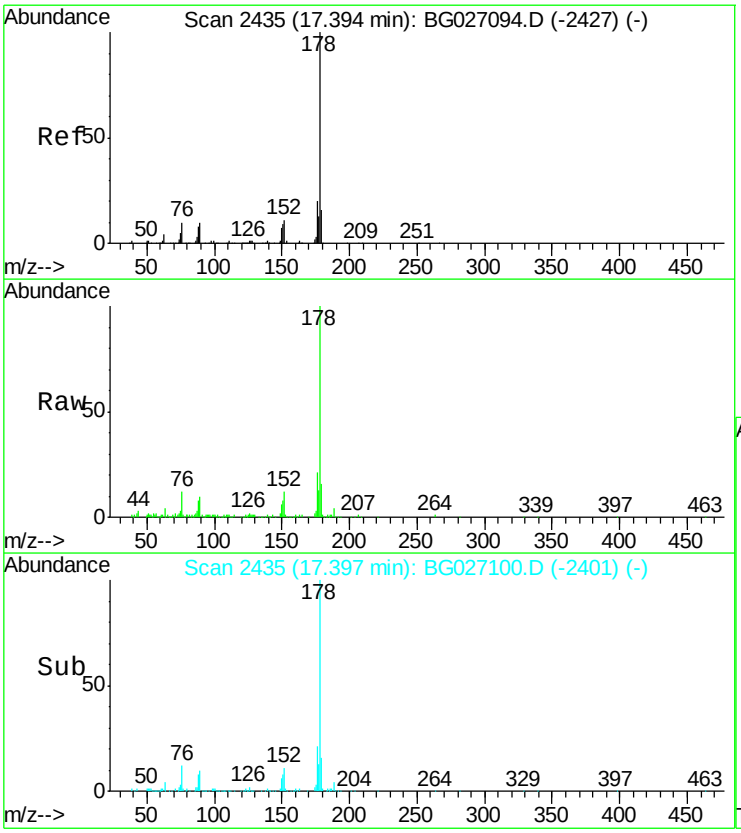
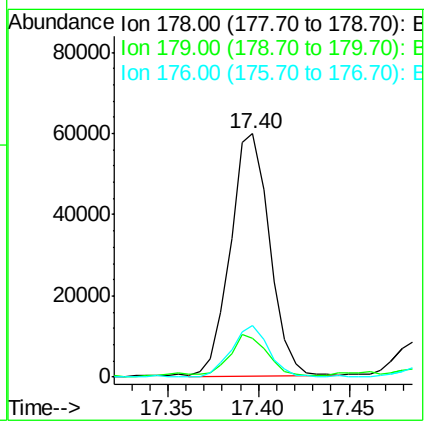
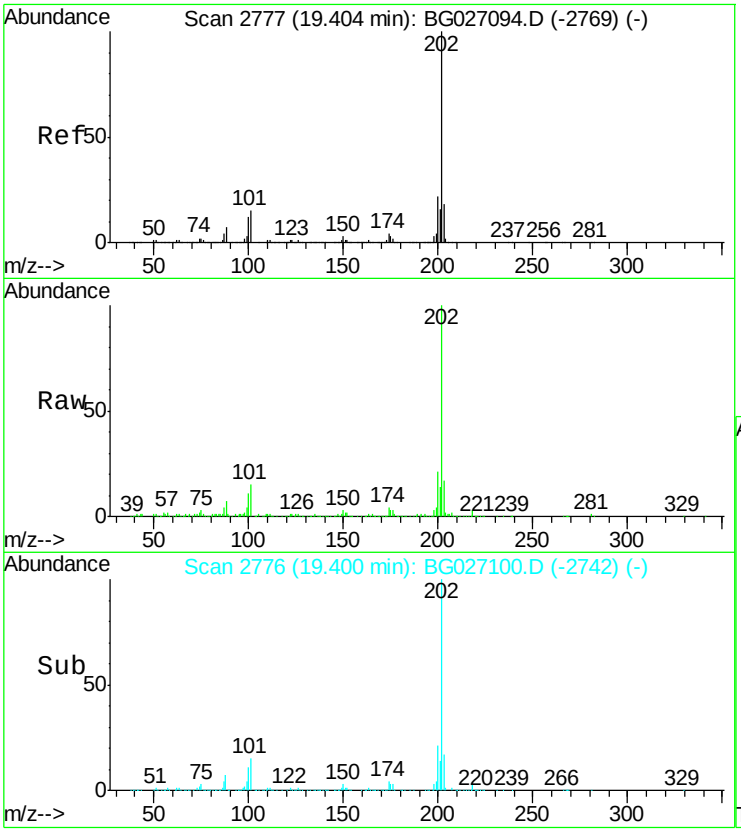


#13
Phenanthrene
Concen: 1.84 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:178 Resp: 89844

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	21.3	15.1	22.7

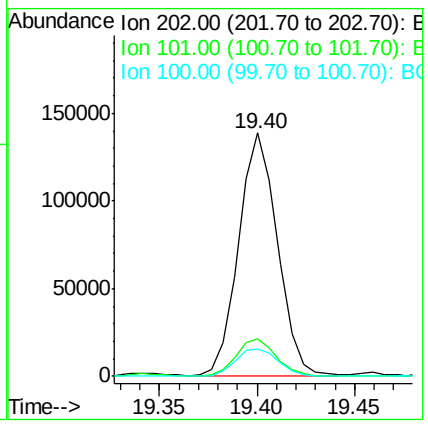




#16
Fluoranthene
Concen: 3.80 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:202 Resp: 190285

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.0	7.4	11.0



Instrument :
BNA_G
ClientSampleId :
DAC70MSD

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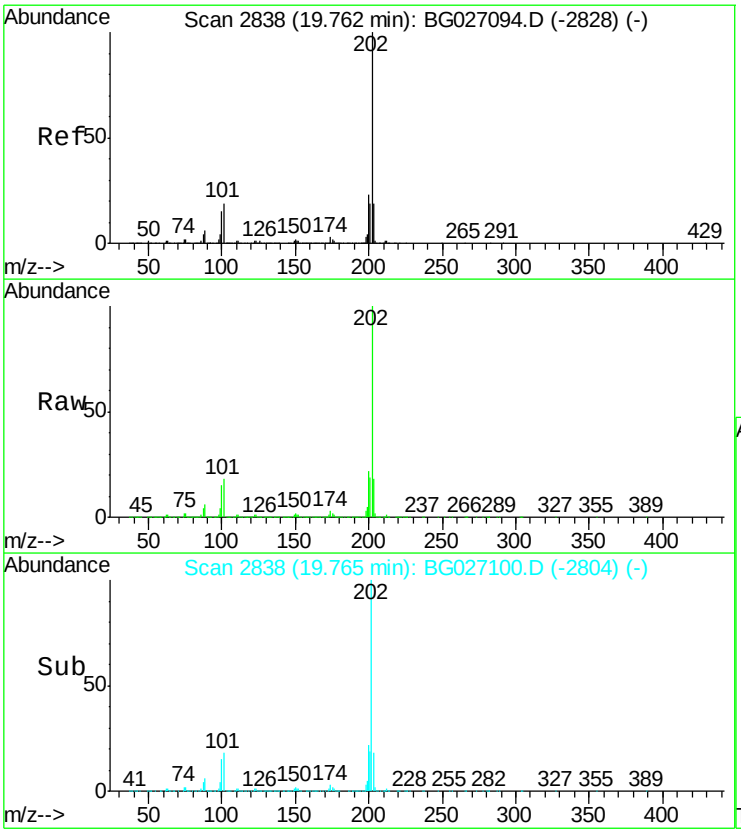
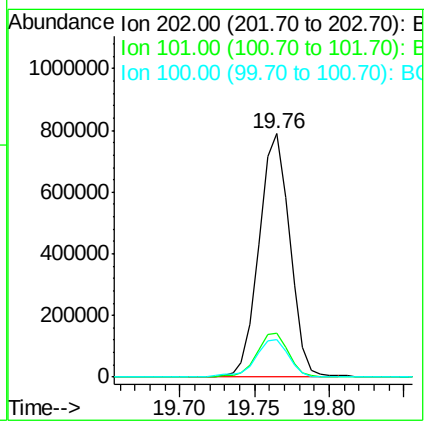
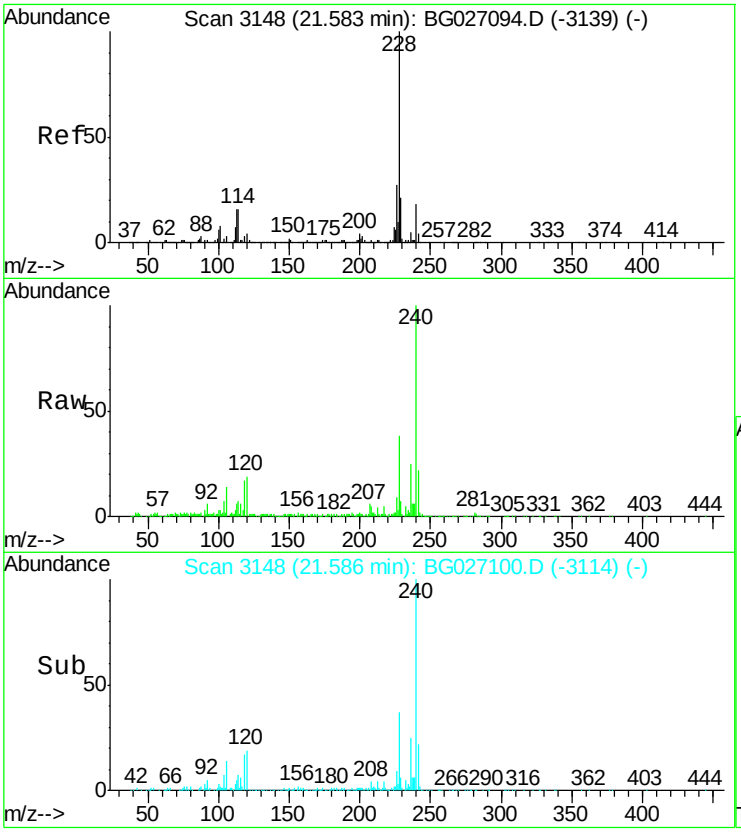


#19
Pyrene
Concen: 21.32 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:202 Resp: 1124998

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	15.3	8.1	12.1#

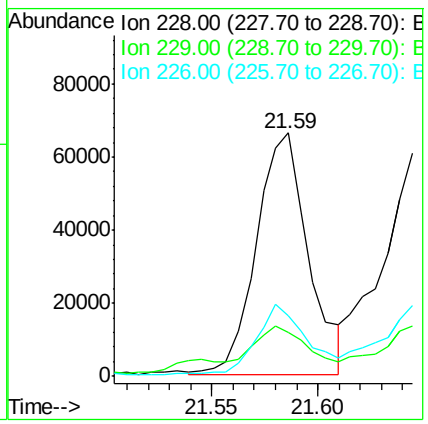




#20
Benzo(a)anthracene
Concen: 2.34 ng/ul
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:228 Resp: 113756

Ion	Ratio	Lower	Upper
228	100		
229	18.2	15.7	23.5
226	25.1	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DAC70MSD

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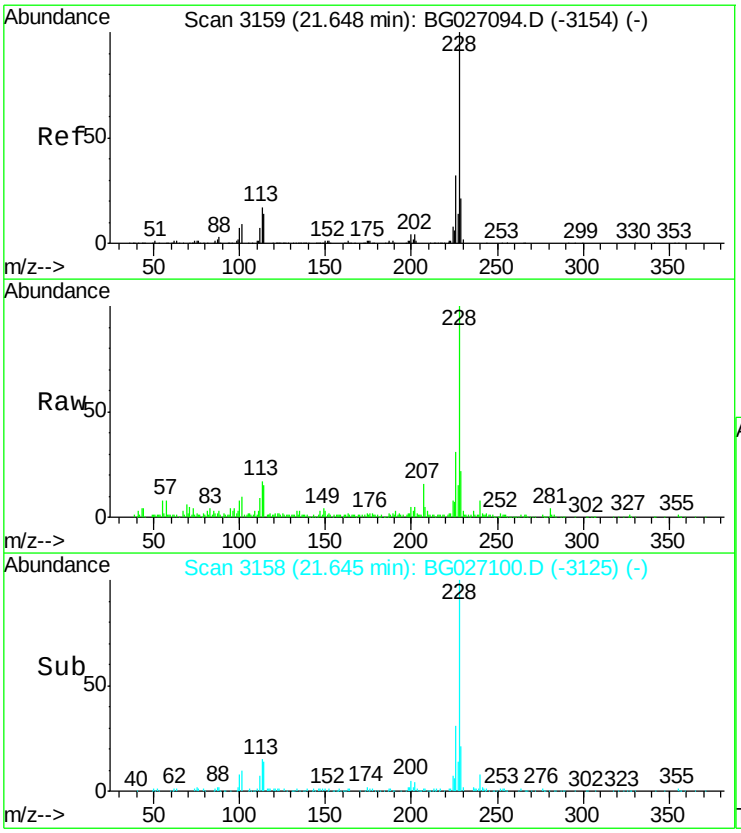
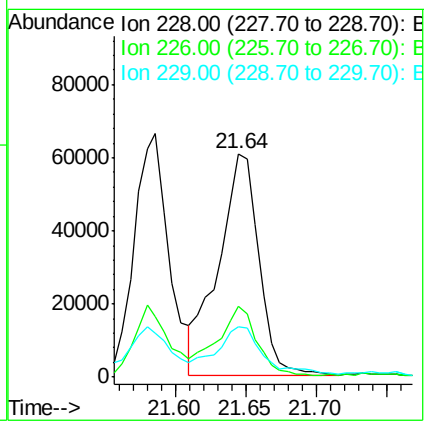
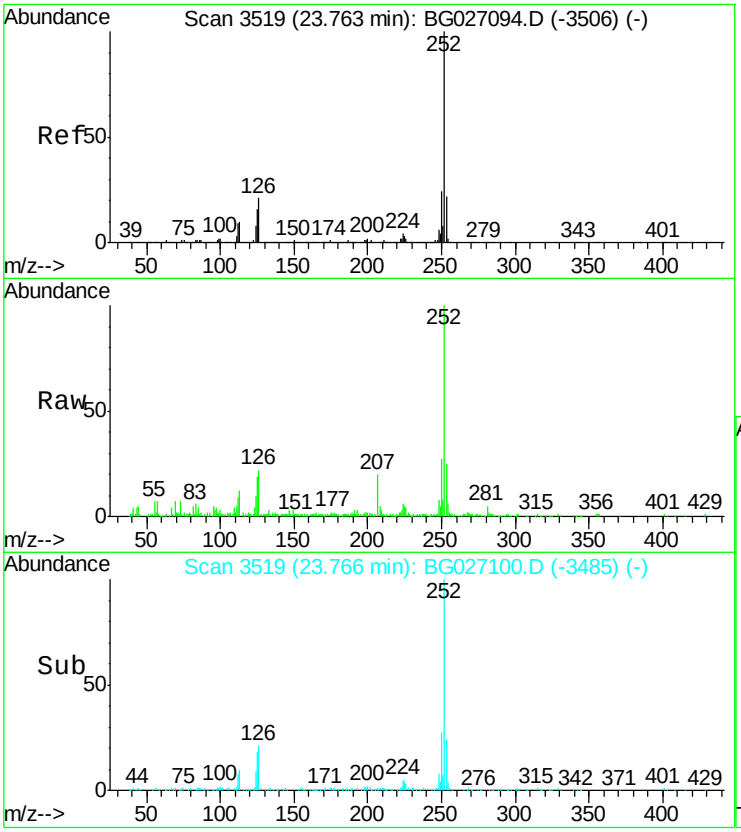


#21
Chrysene
Concen: 2.71 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:228 Resp: 120843

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	22.3	15.8	23.8

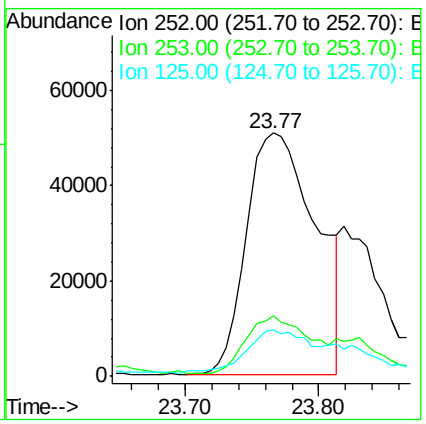




#23
Benzo(b)fluoranthene
Concen: 4.28 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:252 Resp: 183848

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	19.2	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
DAC70MSD

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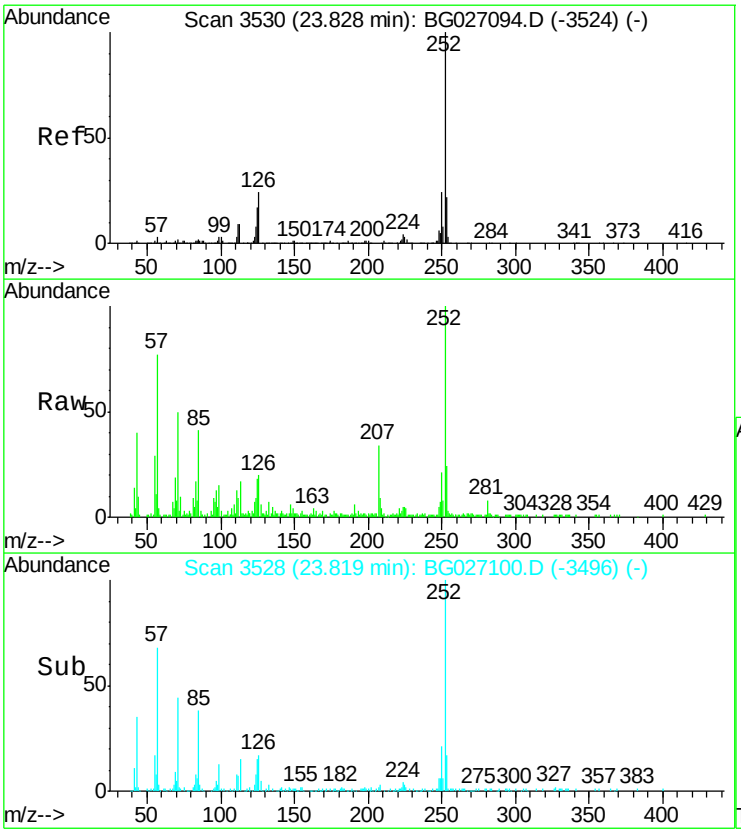
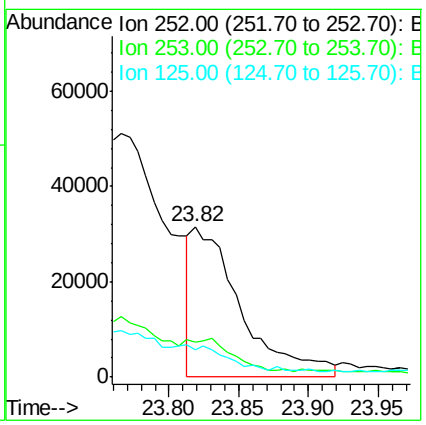
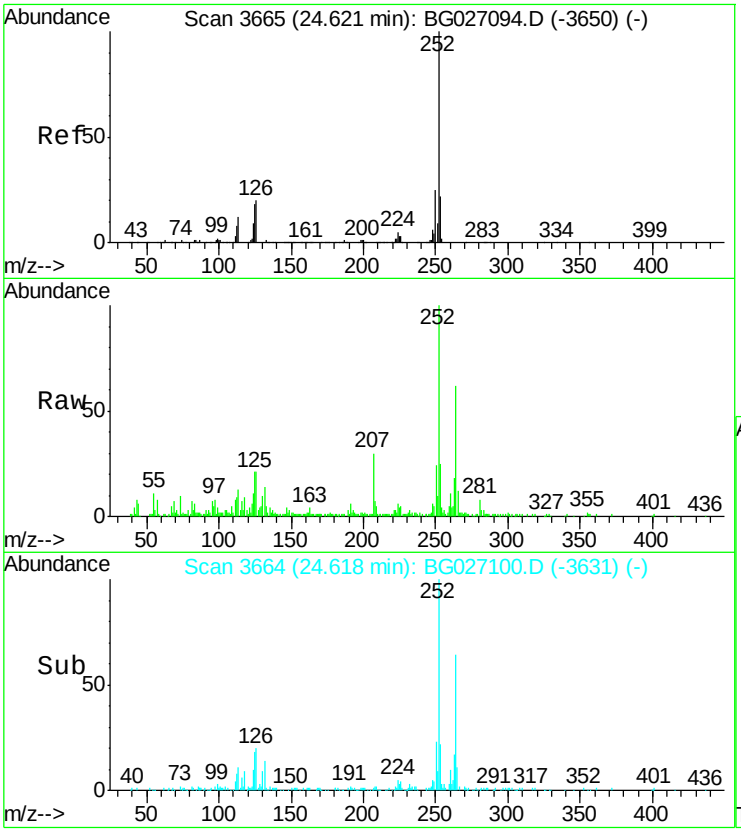


#24
Benzo(k)fluoranthene
Concen: 1.75 ng/ul m
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:252 Resp: 77364

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	17.9	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 2.45 ng/ul
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:252 Resp: 102871

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	20.9	8.2	12.4#

Instrument :
BNA_G
ClientSampleId :
DAC70MSD

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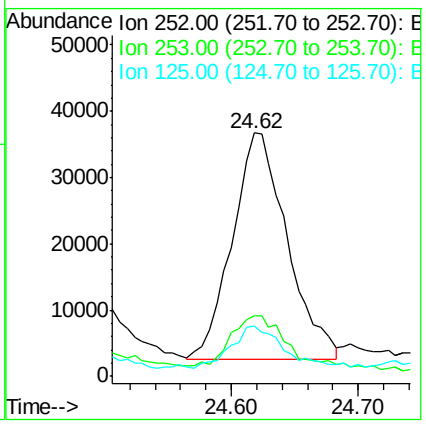
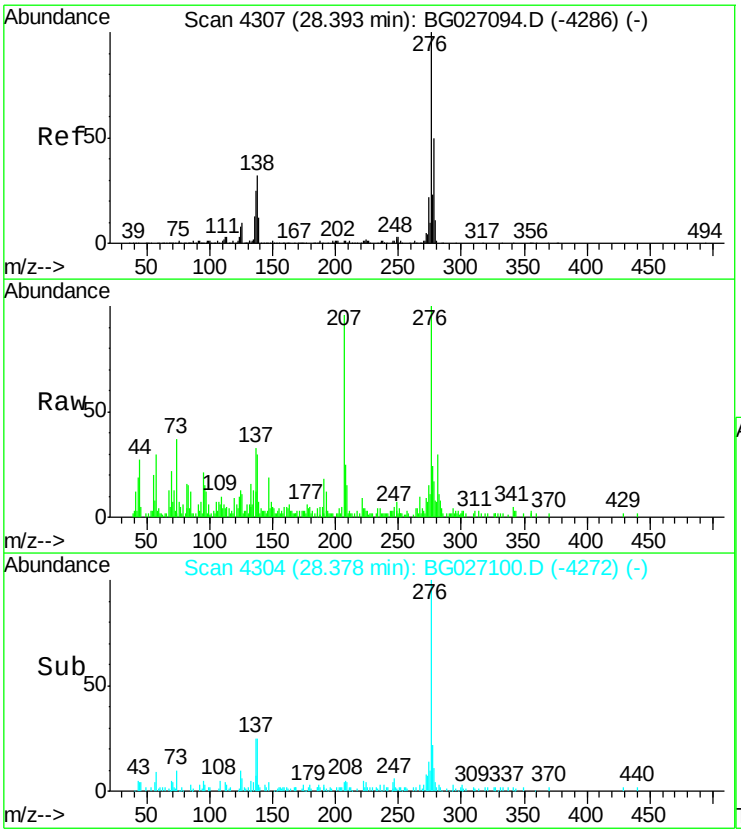
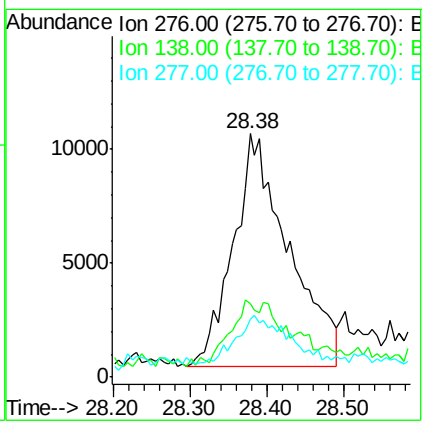


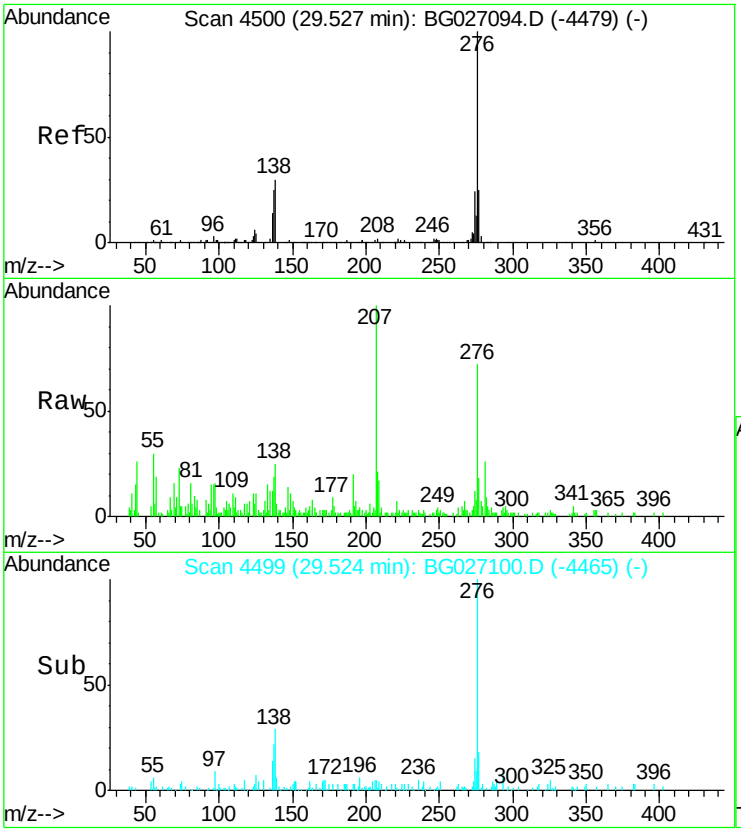


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.31 ng/ul
RT: 28.38 min Scan# 4304
Delta R.T. -0.01 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:276 Resp: 50879

Ion	Ratio	Lower	Upper
276	100		
138	30.4	14.4	21.6#
277	24.0	18.0	27.0

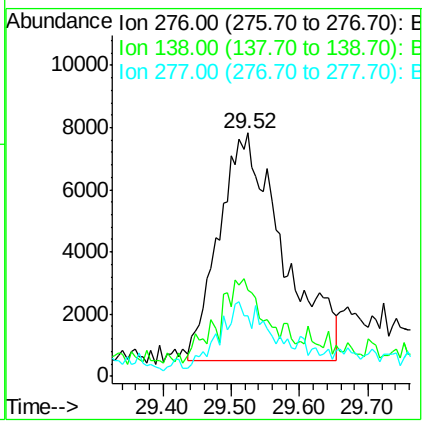




#29
Benzo(g,h,i)perylene
Concen: 1.54 ng/ul m
RT: 29.52 min Scan# 4499
Delta R.T. -0.00 min
Lab File: BG027100.D
Acq: 23 May 2017 18:35

Tgt Ion:276 Resp: 47274

Ion	Ratio	Lower	Upper
276	100		
138	35.2	15.3	22.9#
277	25.1	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
DAC70MSD

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