Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027027.D
Acq On : 19 May 2017 6:28
Operator : SJ/MA
Sample : I3136-06MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC16MS

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Quant Time: May 19 14:02:17 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	8.00	152	223550	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1037115	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	547201	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1001713	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	893702	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	894972	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1017574	18.13	ng/ul	0.00
10) Fluorene-d10	15.61	176	645909	17.25	ng/ul	0.00
14) Anthracene-d10	17.45	188	898357m	18.39	ng/ul	0.00
18) Pyrene-d10	19.73	212	850113	18.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	777587	17.49	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.68	153	727539	18.84	ng/ul	97
13) Phenanthrene	17.39	178	586625	10.48	ng/ul	98
15) Anthracene	17.49	178	92553	1.61	ng/ul	99
16) Fluoranthene	19.40	202	1044663m	18.25	ng/ul	
19) Pyrene	19.76	202	1827989	31.29	ng/ul#	83
20) Benzo(a)anthracene	21.58	228	466107	8.66	ng/ul	96
21) Chrysene	21.64	228	482161	9.75	ng/ul	98
23) Benzo(b)fluoranthene	23.76	252	655320	12.32	ng/ul#	92
24) Benzo(k)fluoranthene	23.81	252	297288m	5.43	ng/ul	
26) Benzo(a)pyrene	24.61	252	432798	8.32	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.37	276	261736	5.47	ng/ul#	82
28) Dibenzo(a,h)anthracene	28.41	278	73658m	1.78	ng/ul	
29) Benzo(g,h,i)perylene	29.51	276	248005m	6.51	ng/ul	

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

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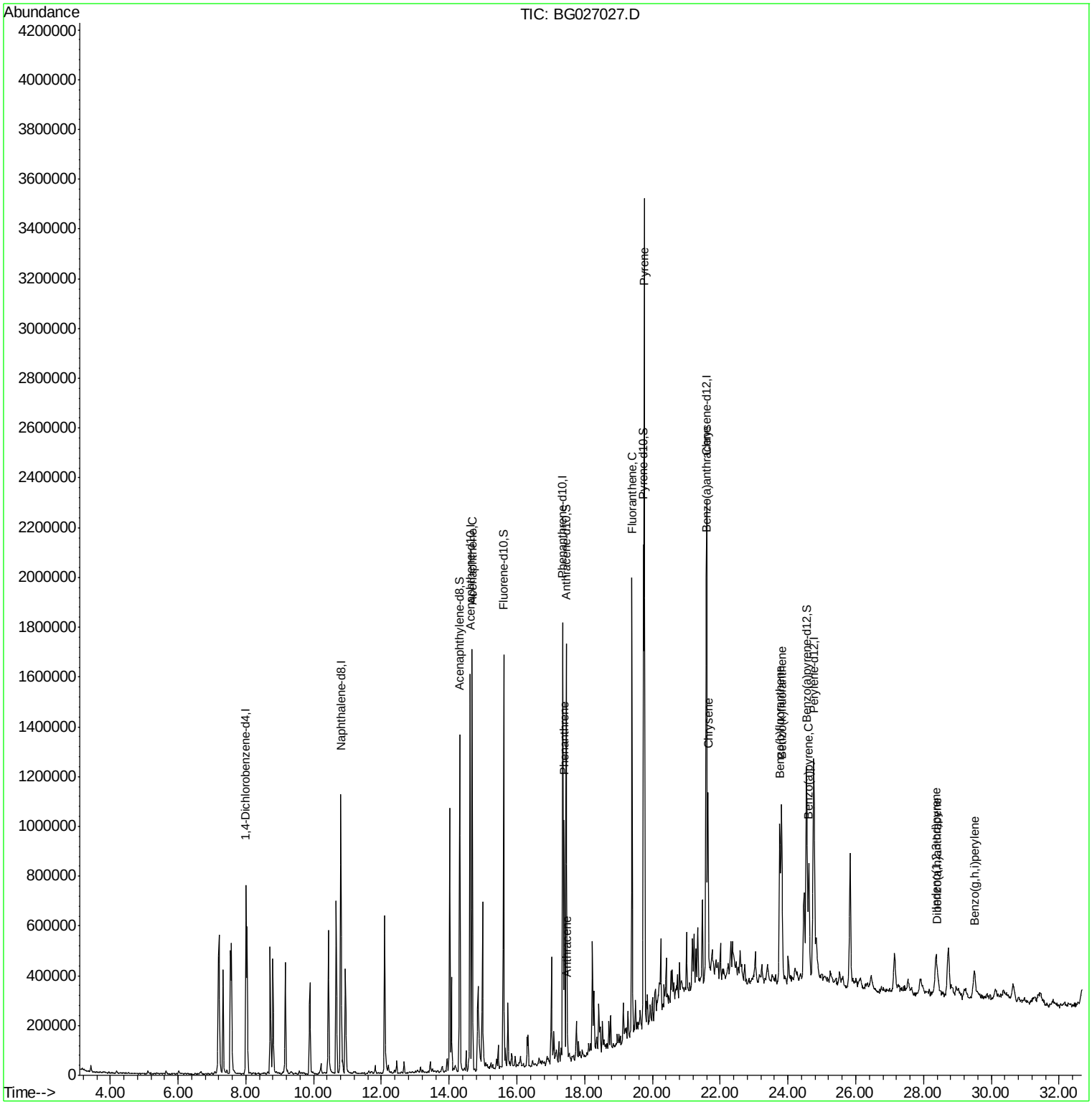
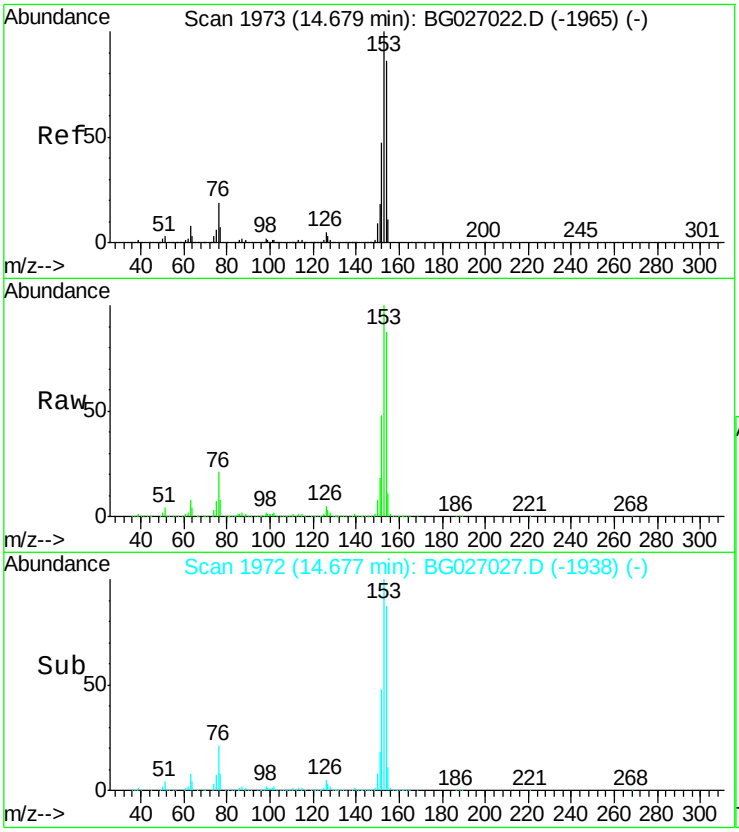
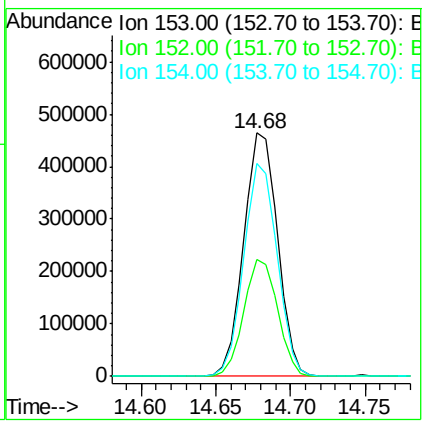




#9
Acenaphthene
Concen: 18.84 ng/ul
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:153 Resp: 727539

Ion	Ratio	Lower	Upper
153	100		
152	47.9	39.0	58.6
154	87.4	66.8	100.2



Instrument :
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ClientSampleId :
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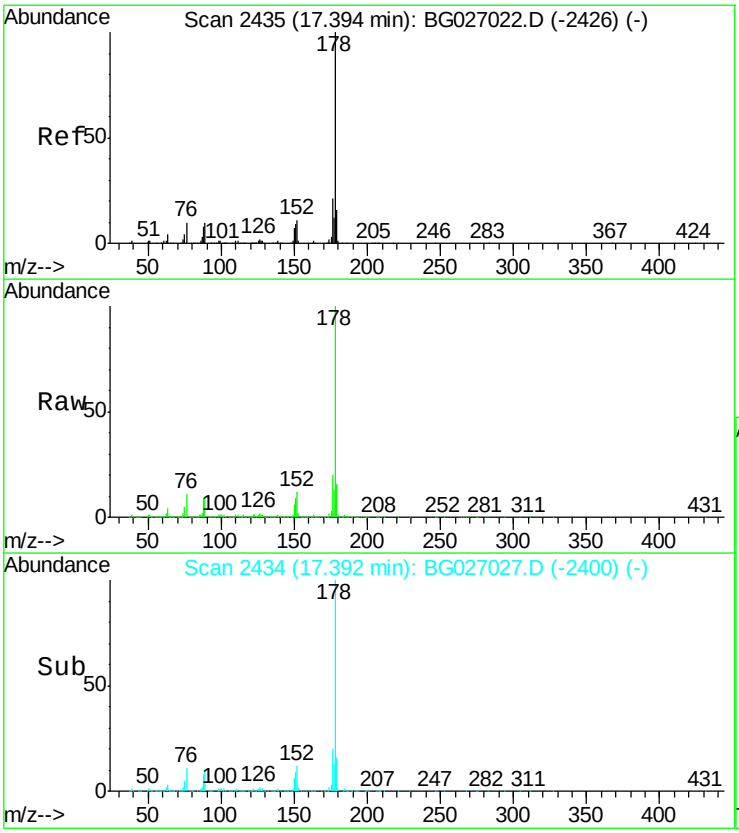
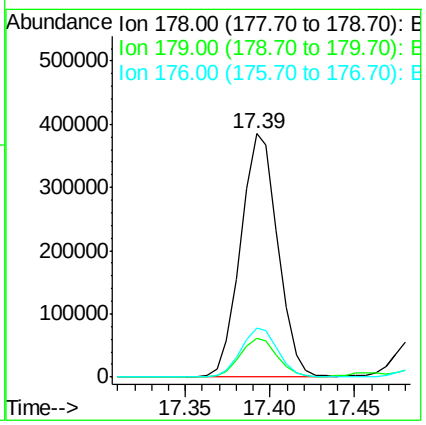
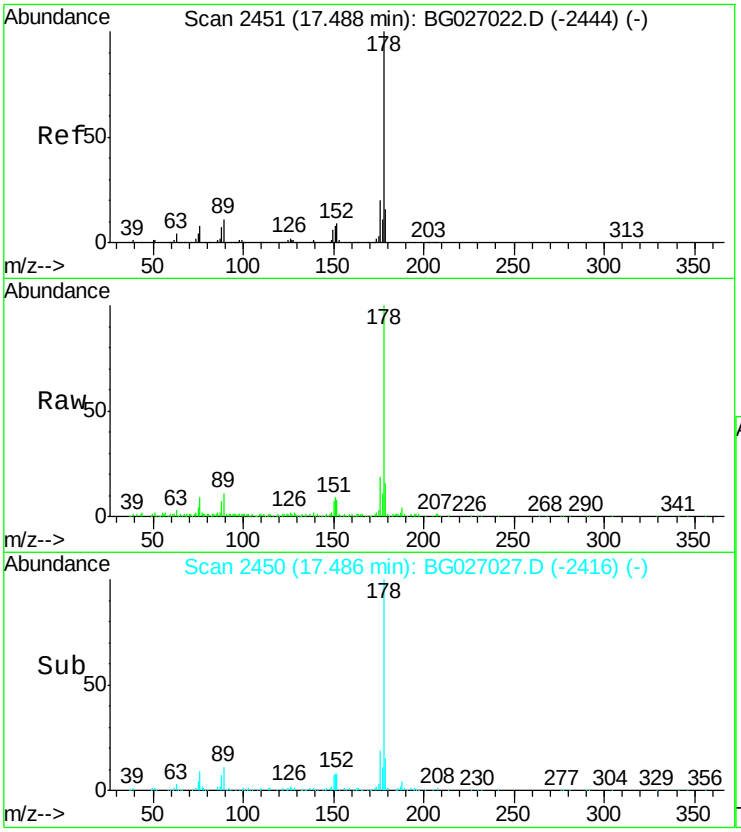


#13
Phenanthrene
Concen: 10.48 ng/ul
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:178 Resp: 586625

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	20.0	15.1	22.7

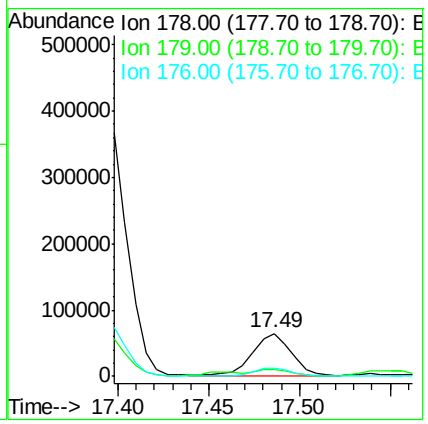




#15
Anthracene
Concen: 1.61 ng/ul
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:178 Resp: 92553

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.5	15.2	22.8



Instrument :
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ClientSampleId :
DAC16MS

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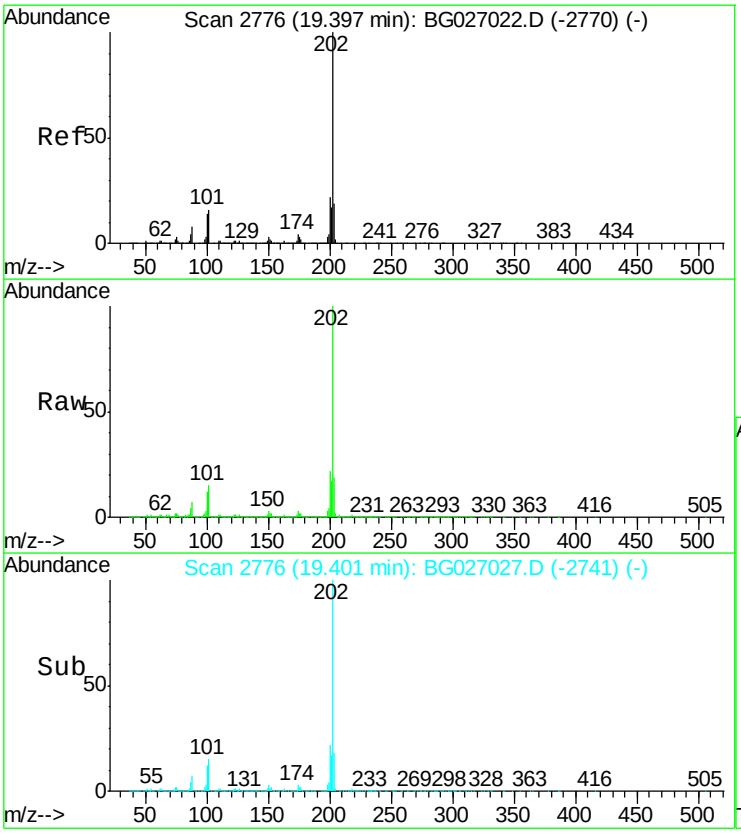
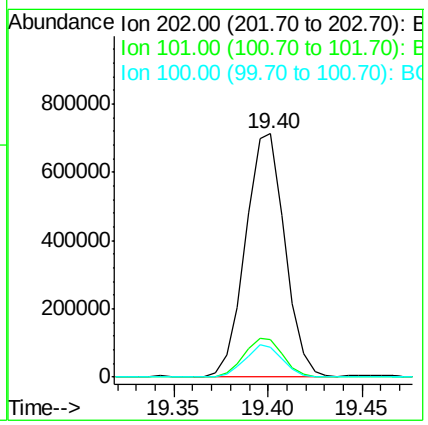
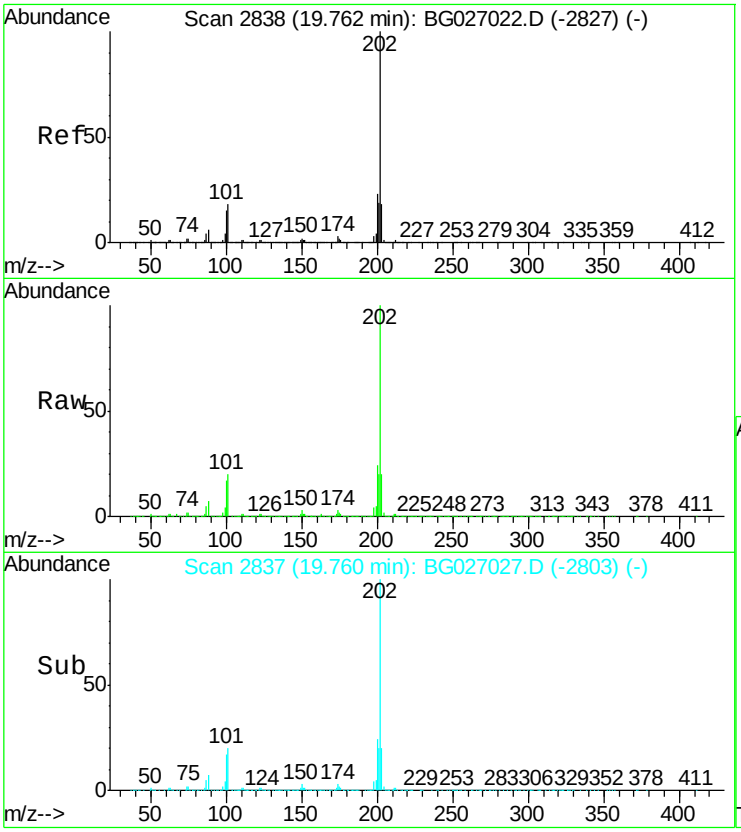


#16
Fluoranthene
Concen: 18.25 ng/ul m
RT: 19.40 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:202 Resp: 1044663

Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	12.4	7.4	11.0#





#19
Pyrene
Concen: 31.29 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:202 Resp: 1827989

Ion	Ratio	Lower	Upper
202	100		
101	20.3	11.0	16.4#
100	17.1	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC16MS

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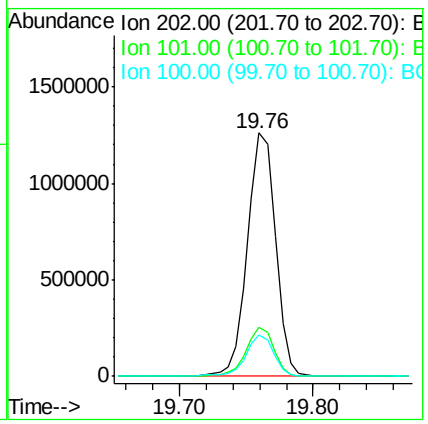
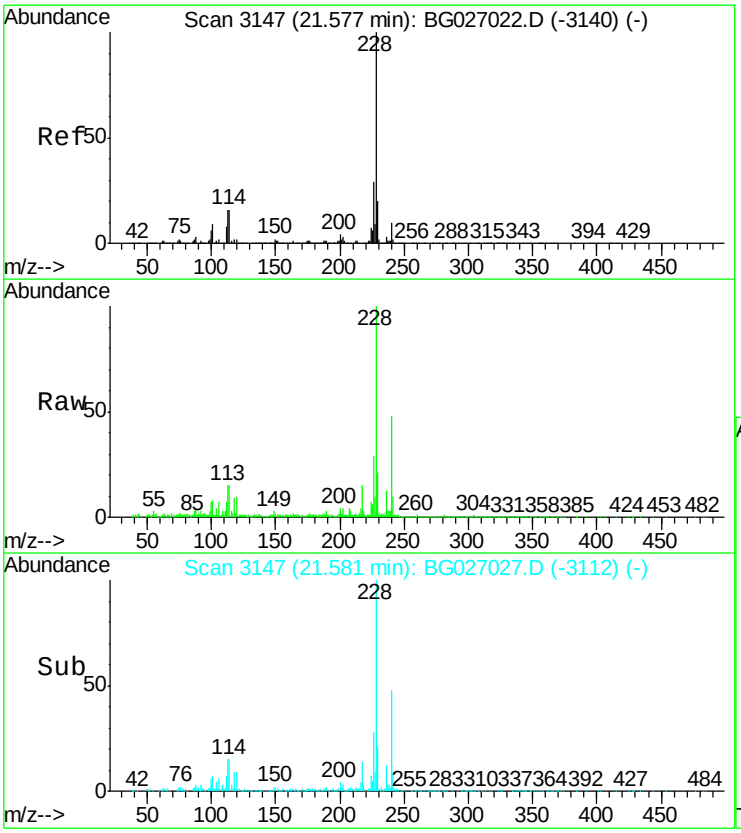
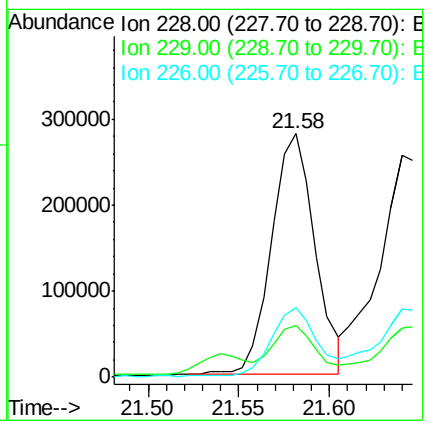


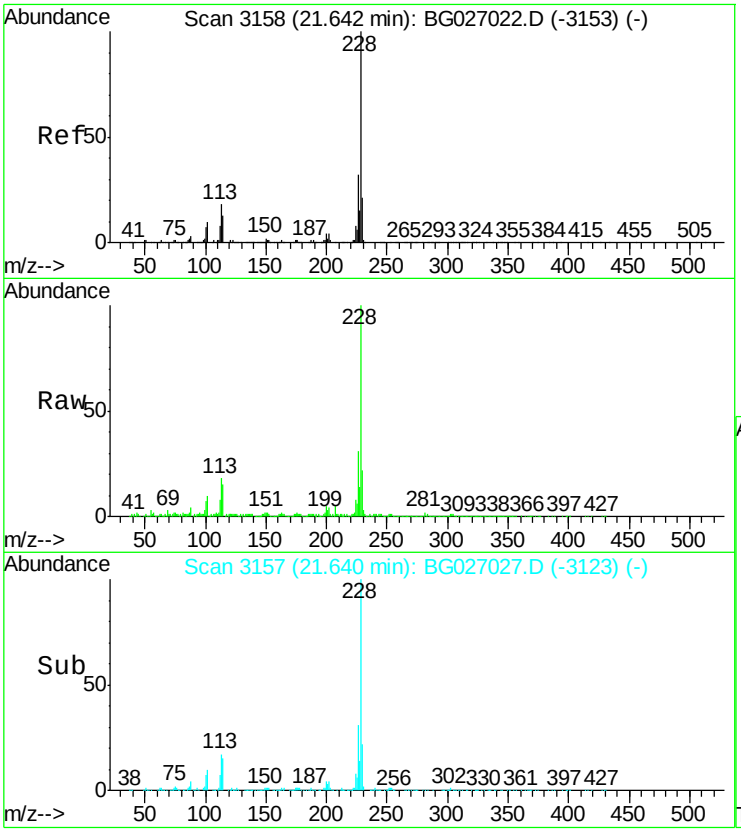


#20
Benzo(a)anthracene
Concen: 8.66 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:228 Resp: 466107

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.5	21.1	31.7

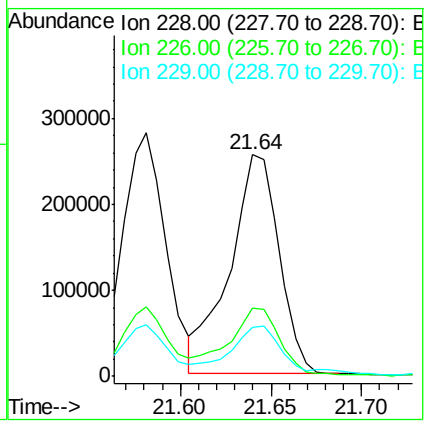




#21
Chrysene
Concen: 9.75 ng/ul
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:228 Resp: 482161

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	22.3	15.8	23.8



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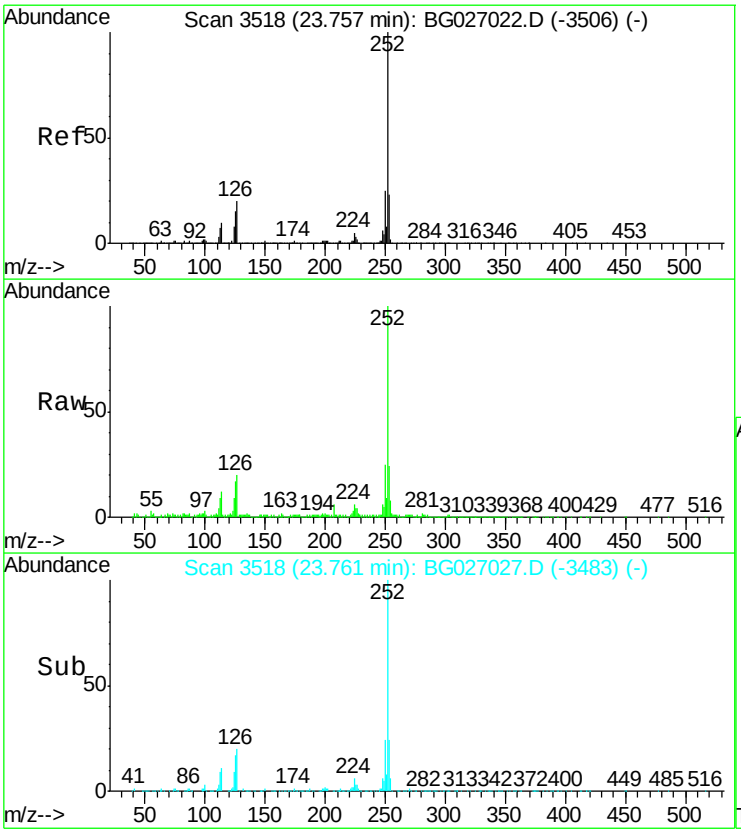
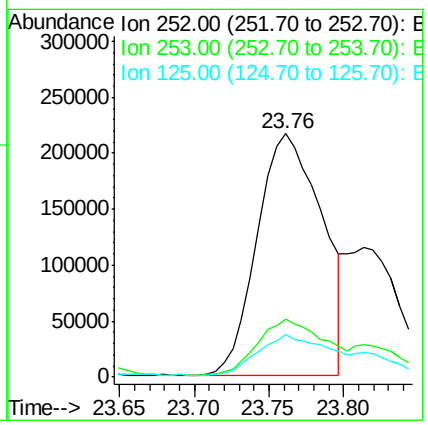
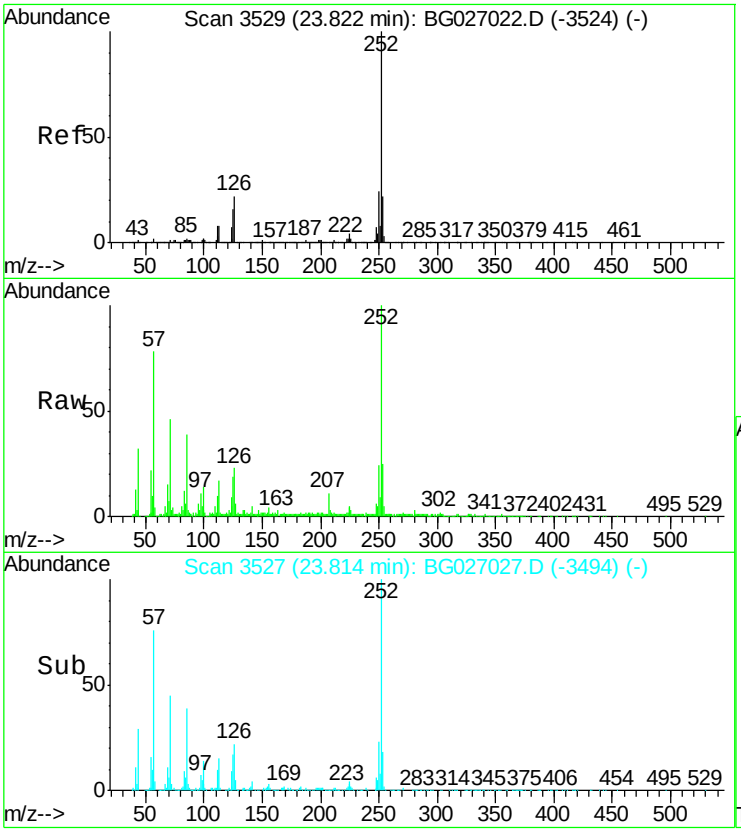


#23
Benzo(b)fluoranthene
Concen: 12.32 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:252 Resp: 655320

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	17.3	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 5.43 ng/ul m
RT: 23.81 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:252 Resp: 297288

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	18.8	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
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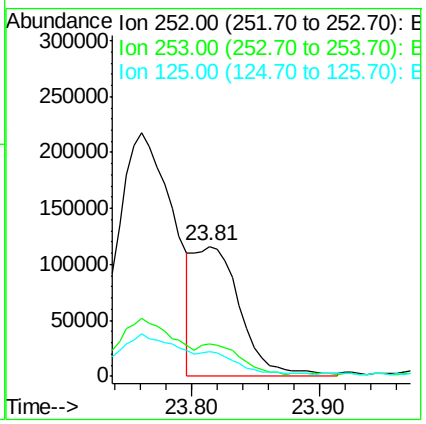
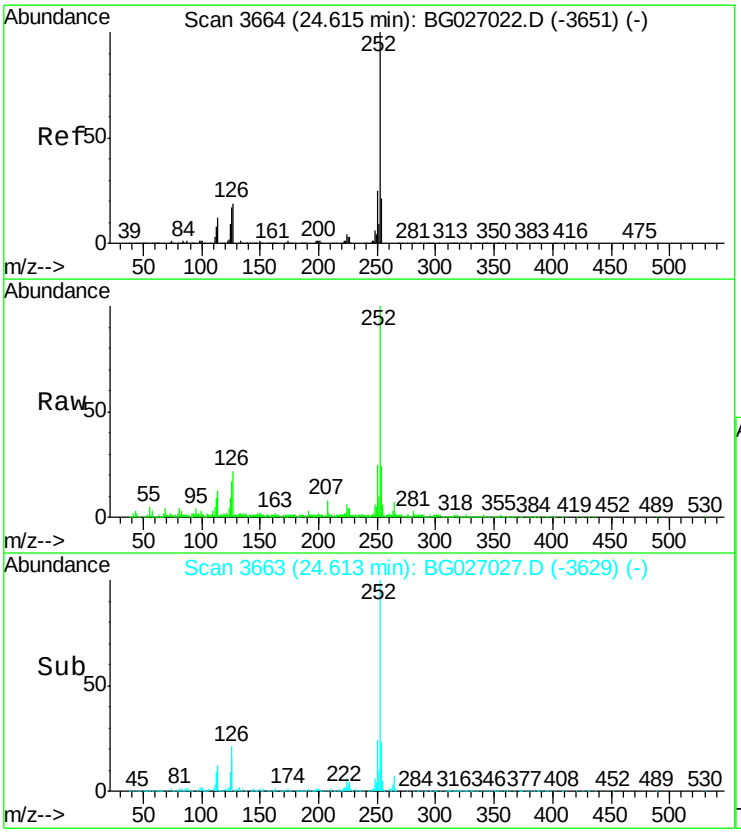
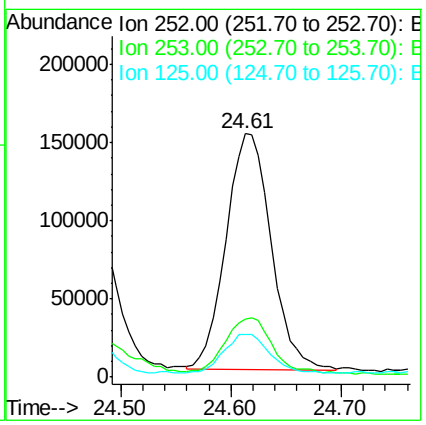


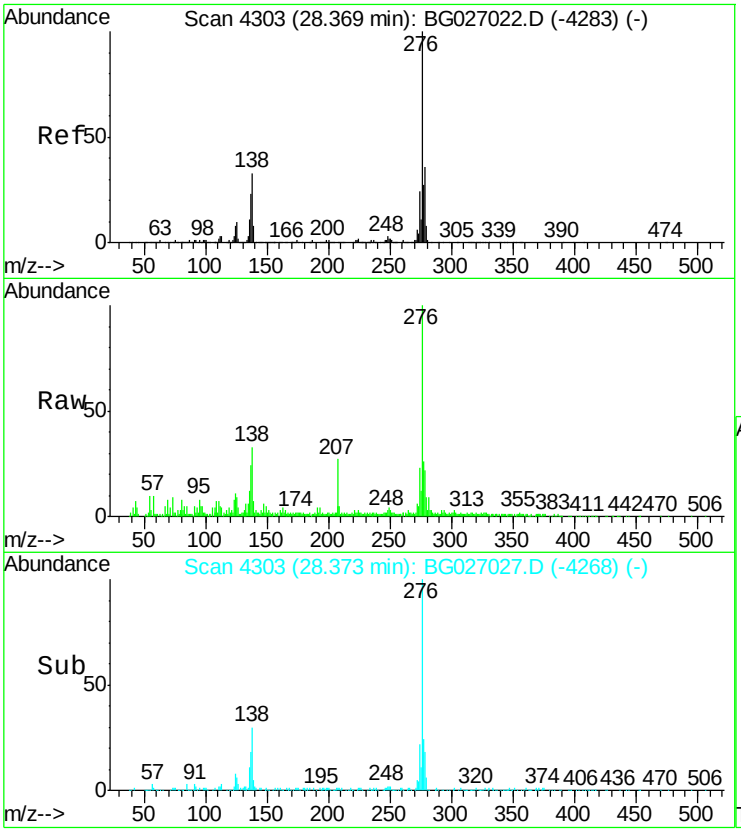


#26
Benzo(a)pyrene
Concen: 8.32 ng/ul
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:252 Resp: 432798

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	17.4	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.47 ng/ul
RT: 28.37 min Scan# 4303
Delta R.T. 0.00 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:276 Resp: 261736

Ion	Ratio	Lower	Upper
276	100		
138	32.6	14.4	21.6#
277	25.8	18.0	27.0

Instrument :
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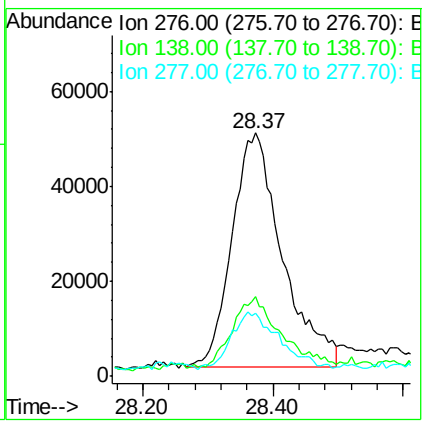
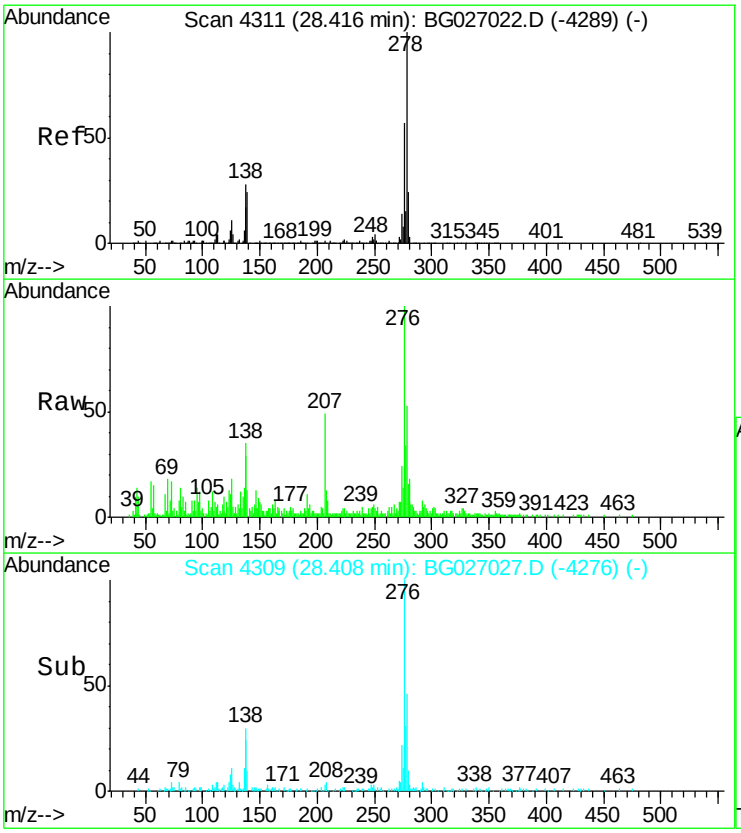
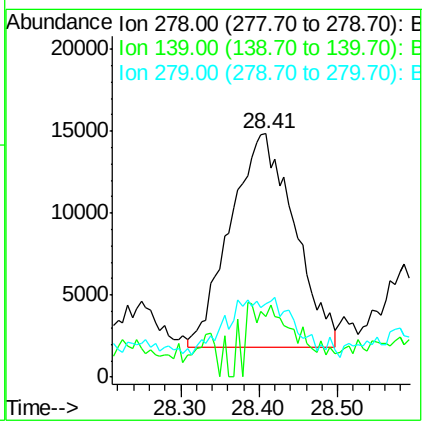


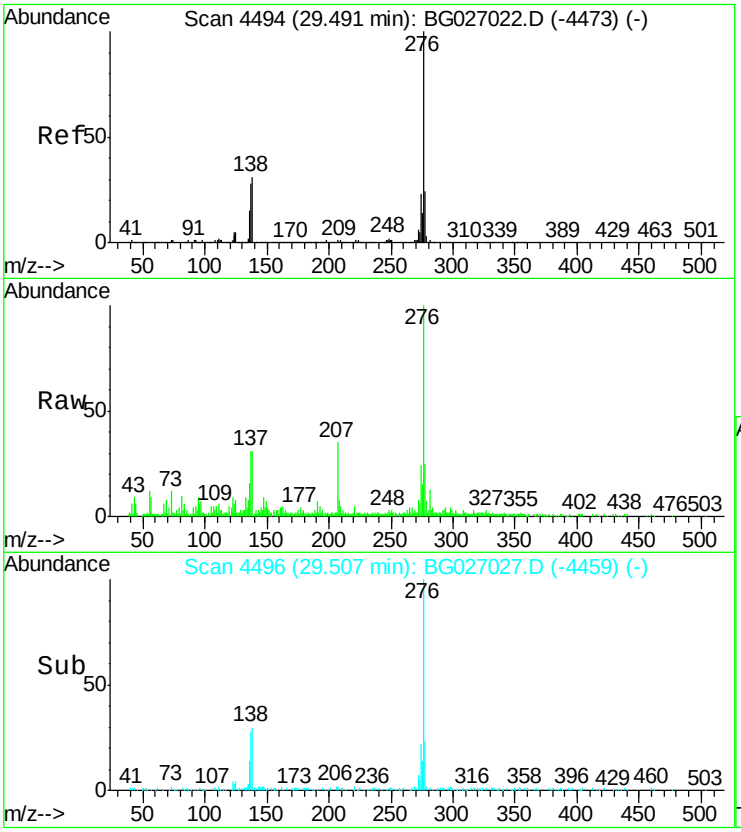


#28
Dibenzo(a,h)anthracene
Concen: 1.78 ng/ul m
RT: 28.41 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:278 Resp: 73658

Ion	Ratio	Lower	Upper
278	100		
139	25.1	12.2	18.4#
279	30.2	19.2	28.8#

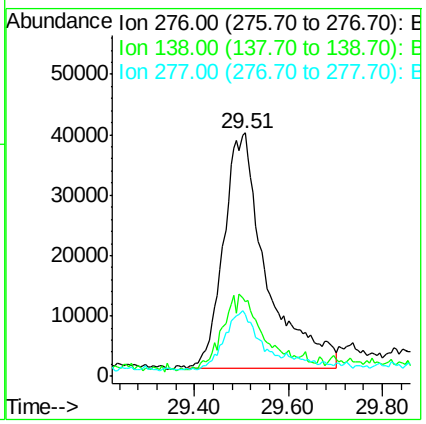




#29
Benzo(g,h,i)perylene
Concen: 6.51 ng/ul m
RT: 29.51 min Scan# 4496
Delta R.T. 0.02 min
Lab File: BG027027.D
Acq: 19 May 2017 6:28

Tgt Ion:276 Resp: 248005

Ion	Ratio	Lower	Upper
276	100		
138	30.8	15.3	22.9#
277	25.4	19.0	28.4



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