Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027136.D
Acq On : 24 May 2017 20:10
Operator : SJ/MA
Sample : I3277-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC83

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Quant Time: May 25 05:07:55 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	8.00	152	178783	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	868429	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.61	164	446452	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	804204	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	728830	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	652863	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1053884	23.01	ng/ul	0.00
10) Fluorene-d10	15.60	176	673020	22.03	ng/ul	0.00
14) Anthracene-d10	17.45	188	895669	22.84	ng/ul	0.00
18) Pyrene-d10	19.73	212	882142	23.18	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	744396	22.95	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.85	128	106863	2.37	ng/ul#	96
4) 2-Methylnaphthalene	12.45	142	74186	2.22	ng/ul	99
5) 1-Methylnaphthalene	12.67	142	62675	1.74	ng/ul#	92
13) Phenanthrene	17.39	178	197594	4.40	ng/ul	98
16) Fluoranthene	19.40	202	367413	7.99	ng/ul#	92
19) Pyrene	19.76	202	361819	7.60	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	193042	4.40	ng/ul	96
21) Chrysene	21.65	228	218338	5.42	ng/ul	98
23) Benzo(b)fluoranthene	23.77	252	325690	8.39	ng/ul#	93
24) Benzo(k)fluoranthene	23.82	252	122419m	3.07	ng/ul	
26) Benzo(a)pyrene	24.63	252	178881	4.71	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.38	276	87188	2.50	ng/ul#	87
29) Benzo(g,h,i)perylene	29.50	276	66748m	2.40	ng/ul	

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

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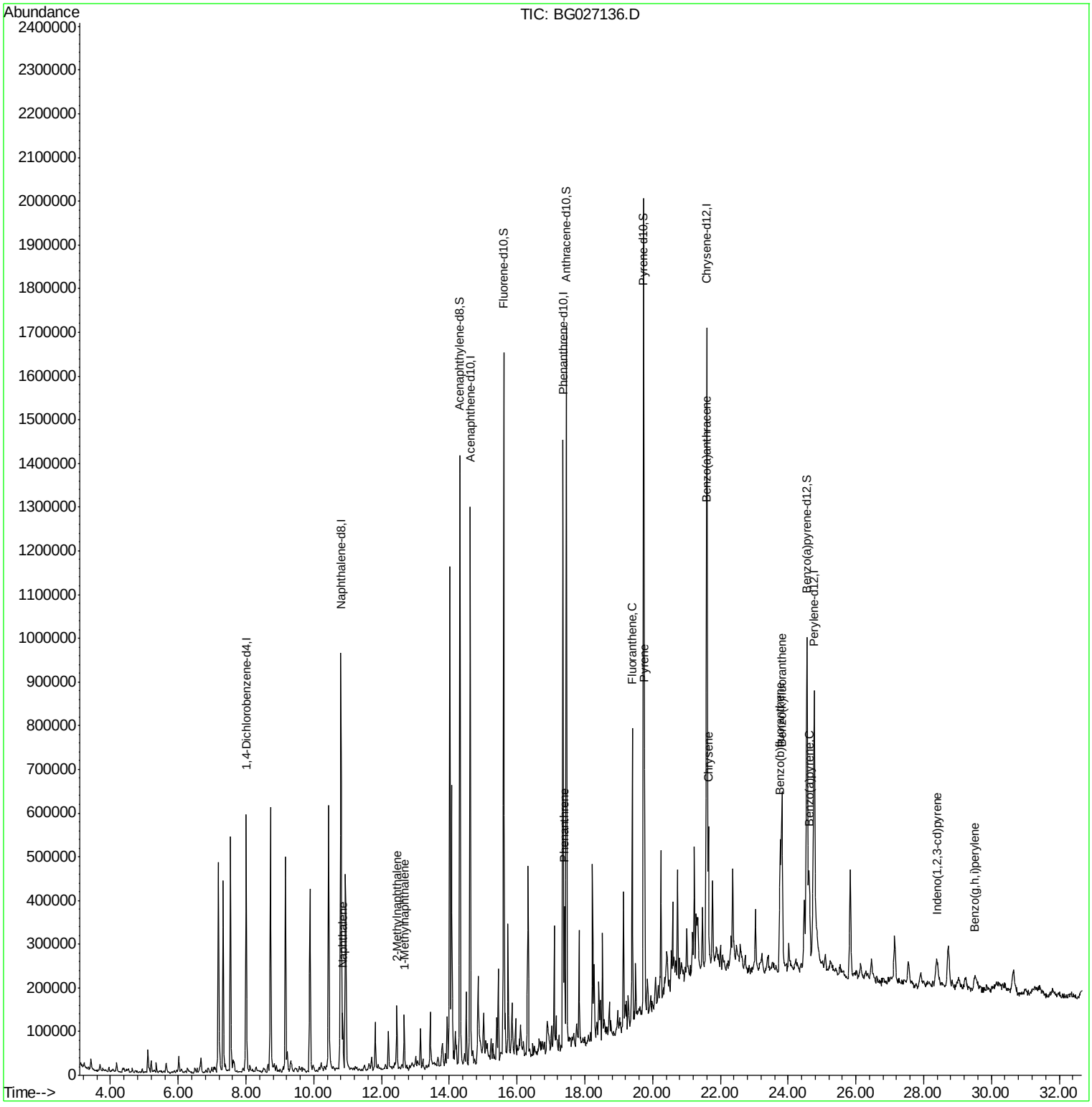

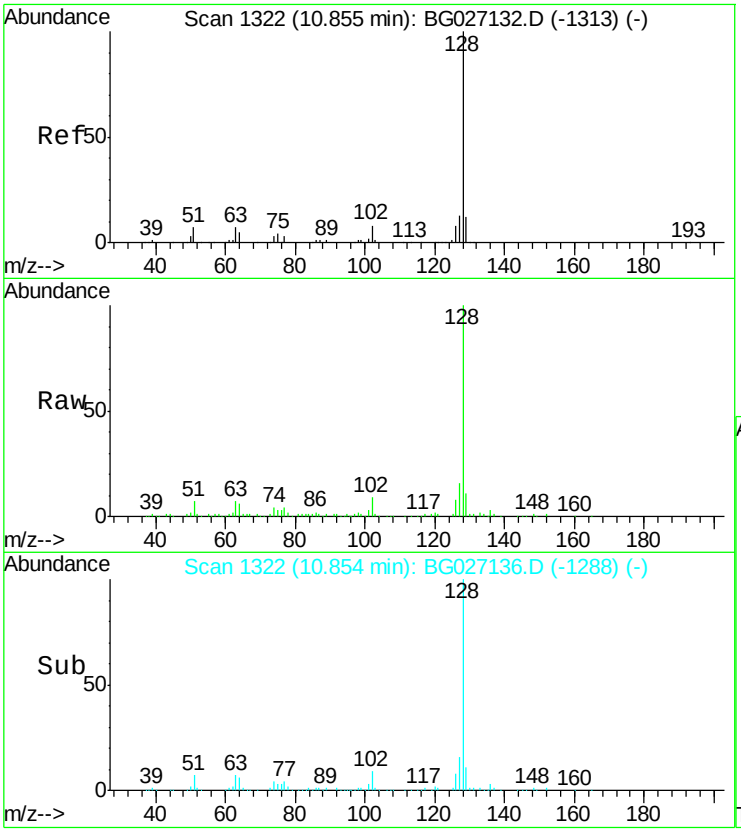

#3
Naphthalene
Concen: 2.37 ng/ul
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:128 Resp: 106863

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	16.0	10.6	16.0#

Instrument :
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ClientSampleId :
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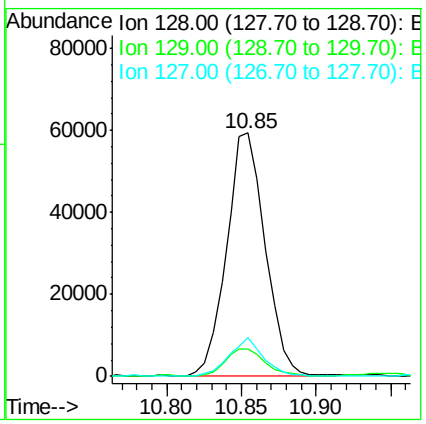
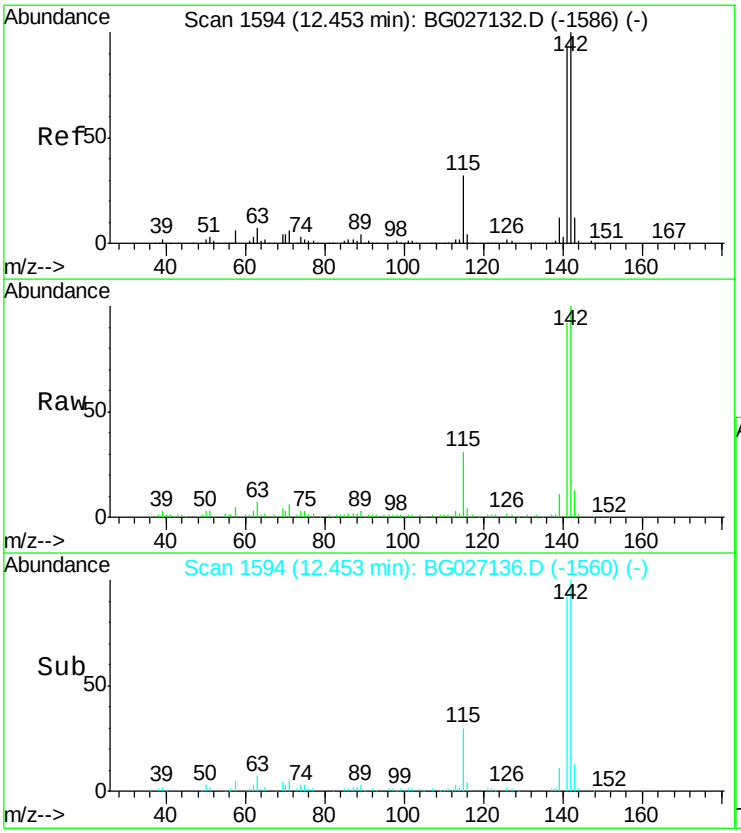
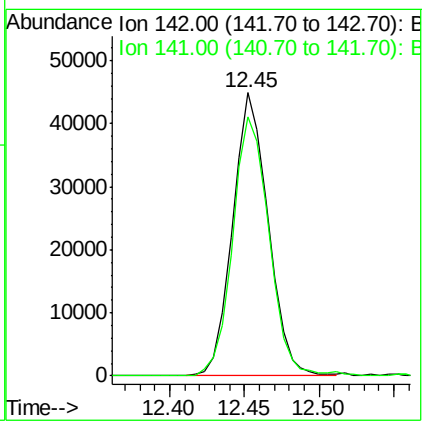


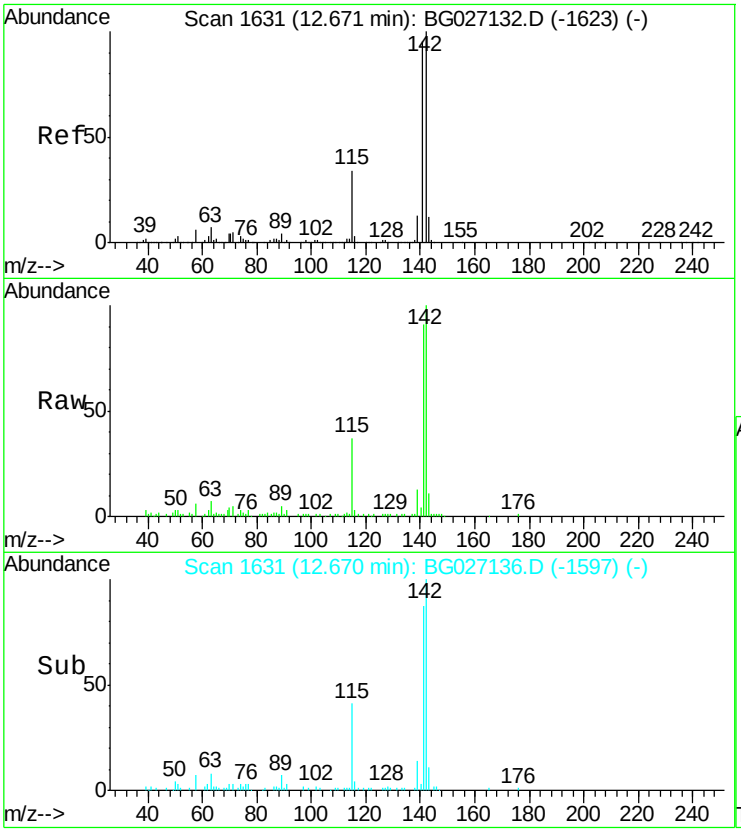


#4
2-Methylnaphthalene
Concen: 2.22 ng/ul
RT: 12.45 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:142 Resp: 74186

Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.7	109.1

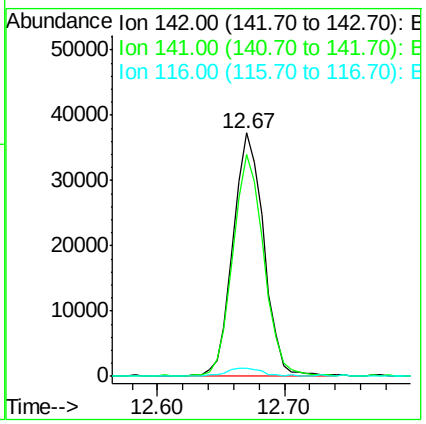




#5
1-Methylnaphthalene
Concen: 1.74 ng/ul
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:142 Resp: 62675

Ion	Ratio	Lower	Upper
142	100		
141	91.1	79.3	118.9
116	3.2	4.2	6.2#



Instrument :
BNA_G
ClientSampleId :
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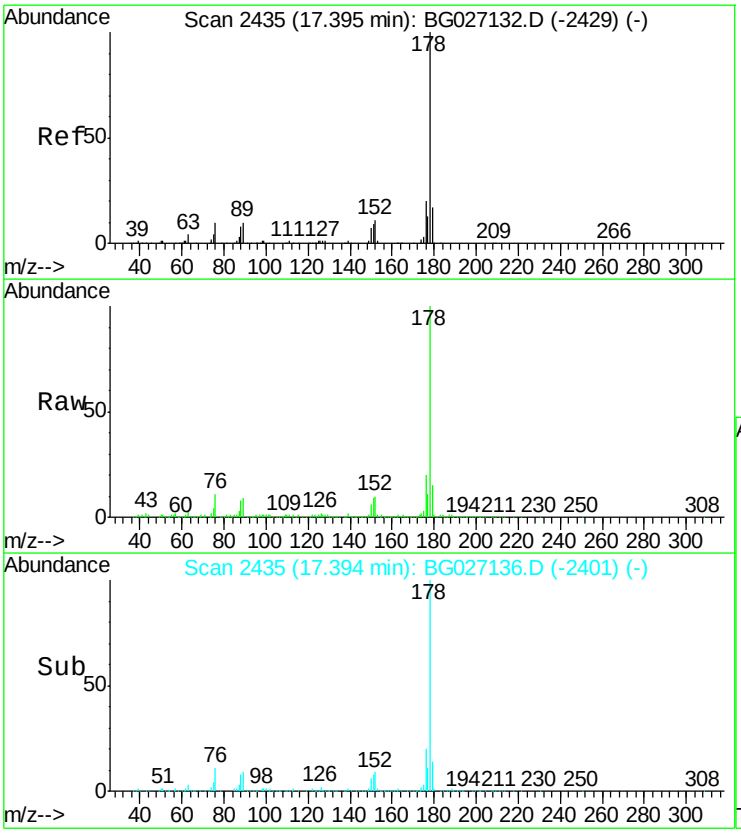
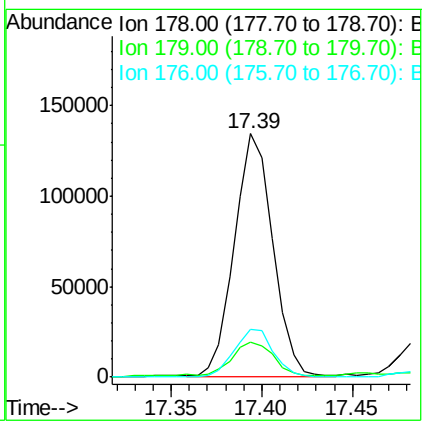
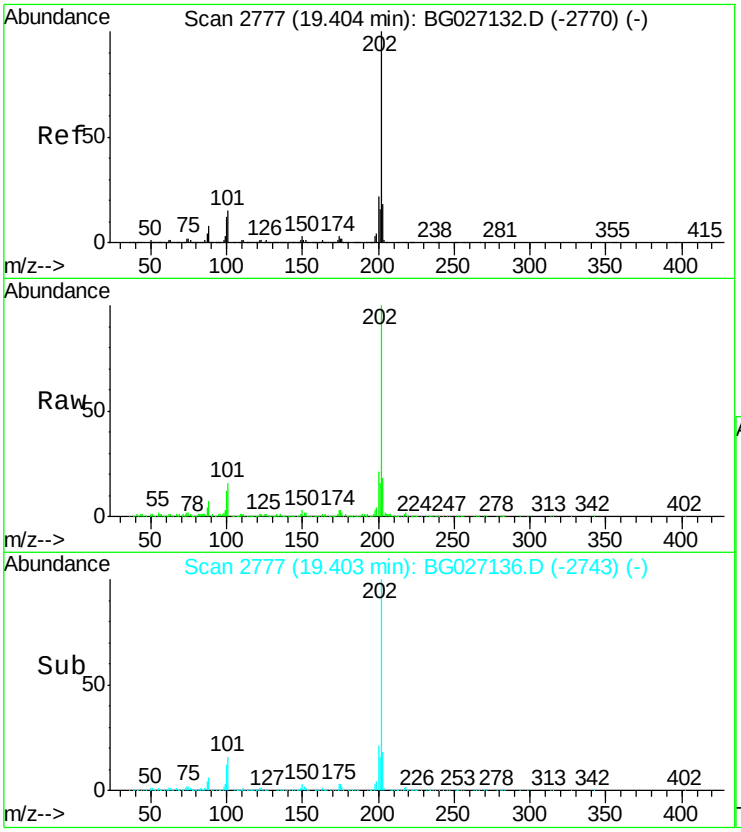


#13
Phenanthrene
Concen: 4.40 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:178 Resp: 197594

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	19.9	15.1	22.7





#16
Fluoranthene
Concen: 7.99 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:202 Resp: 367413

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.9	14.9#
100	11.8	7.4	11.0#

Instrument :
BNA_G
ClientSampleId :
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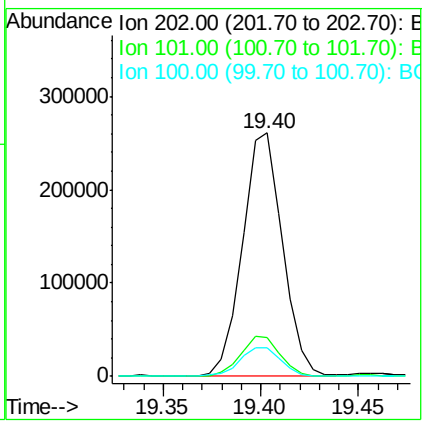
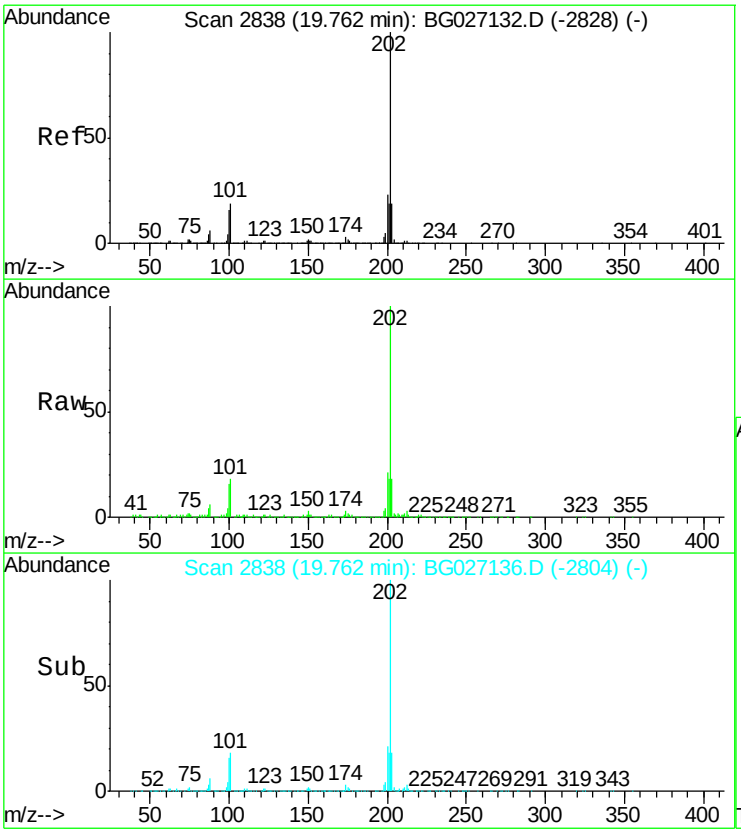
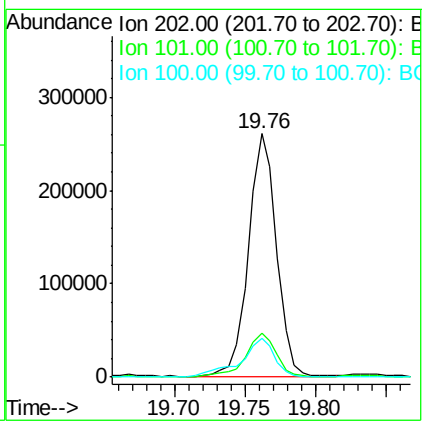


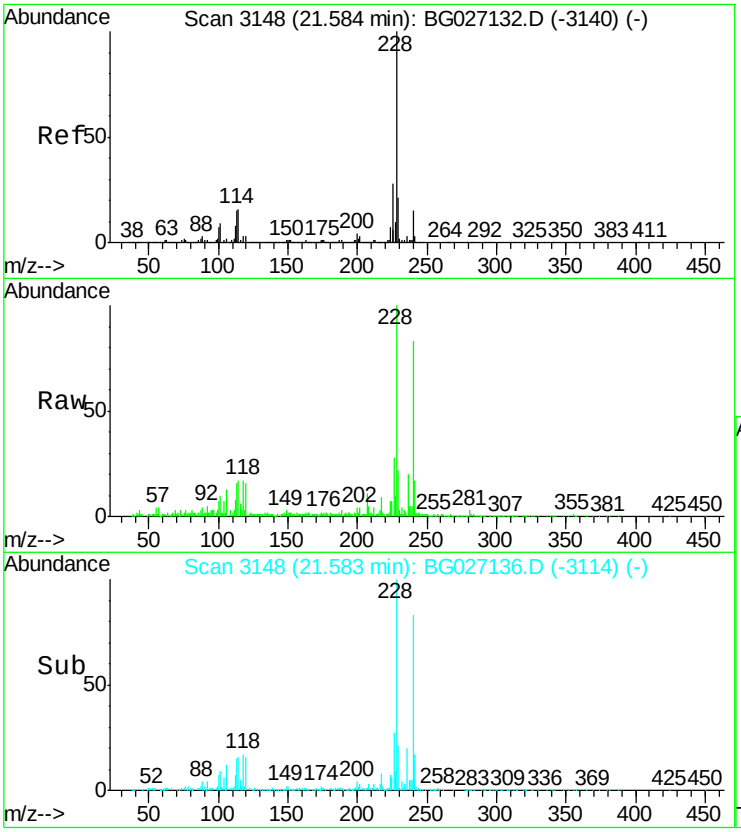


#19
Pyrene
Concen: 7.60 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:202 Resp: 361819

Ion	Ratio	Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	16.1	8.1	12.1#

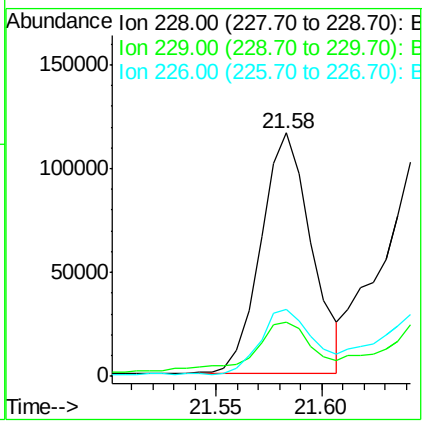




#20
Benzo(a)anthracene
Concen: 4.40 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:228 Resp: 193042

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.7	23.5
226	27.6	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
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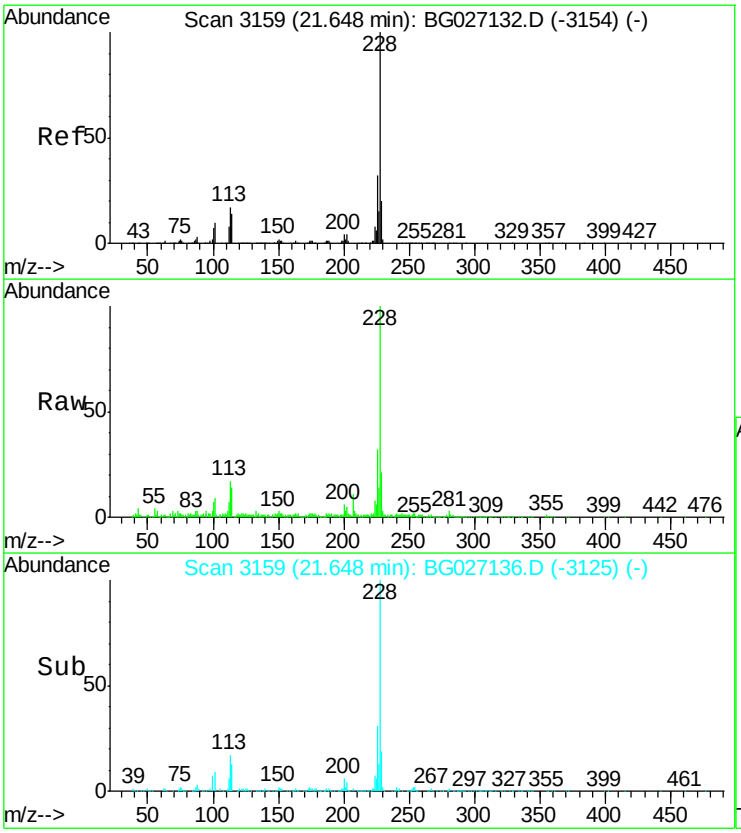
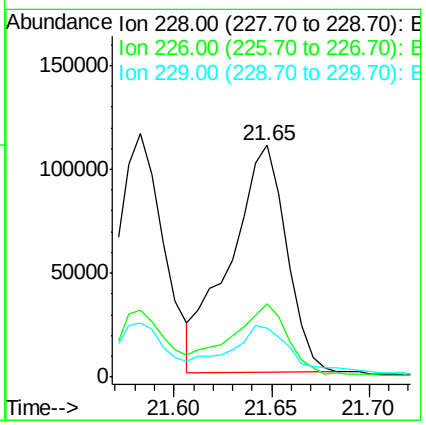
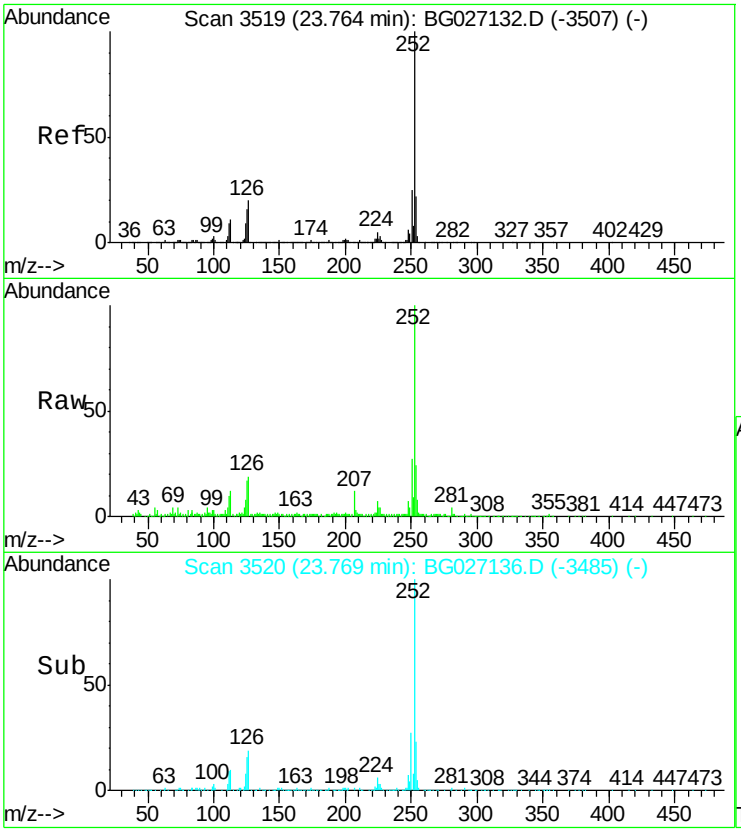


#21
Chrysene
Concen: 5.42 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:228 Resp: 218338

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.5	36.7
229	20.9	15.8	23.8





#23
Benzo(b)fluoranthene
Concen: 8.39 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:252 Resp: 325690

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	16.8	8.0	12.0#

Instrument :
BNA_G
ClientSampleId :
DAC83

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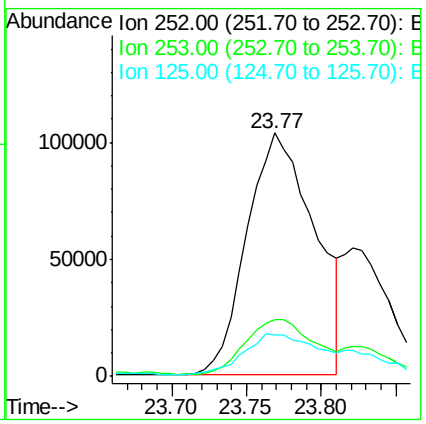
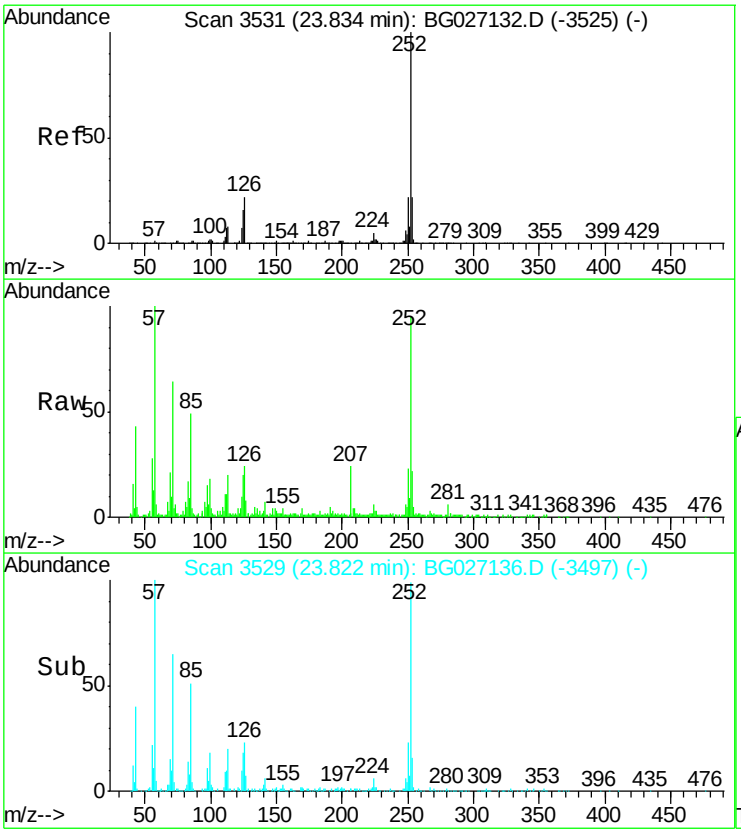
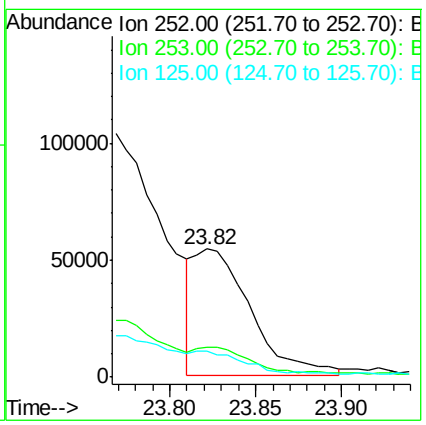


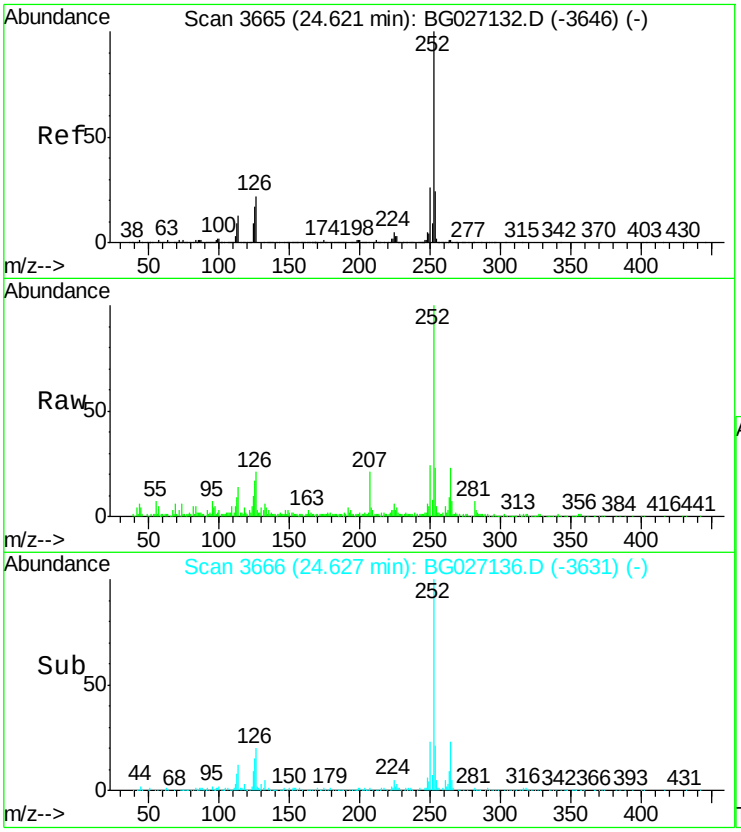


#24
Benzo(k)fluoranthene
Concen: 3.07 ng/ul m
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:252 Resp: 122419

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	20.7	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 4.71 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:252 Resp: 178881

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	16.7	8.2	12.4#

Instrument :
BNA_G
ClientSampleId :
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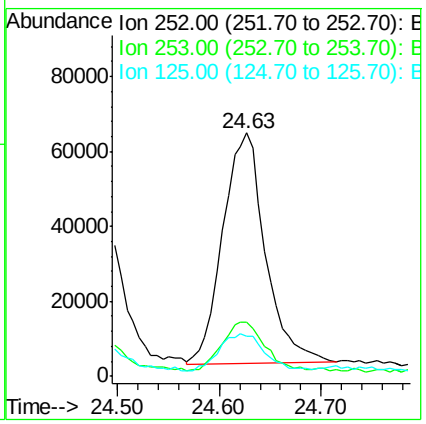
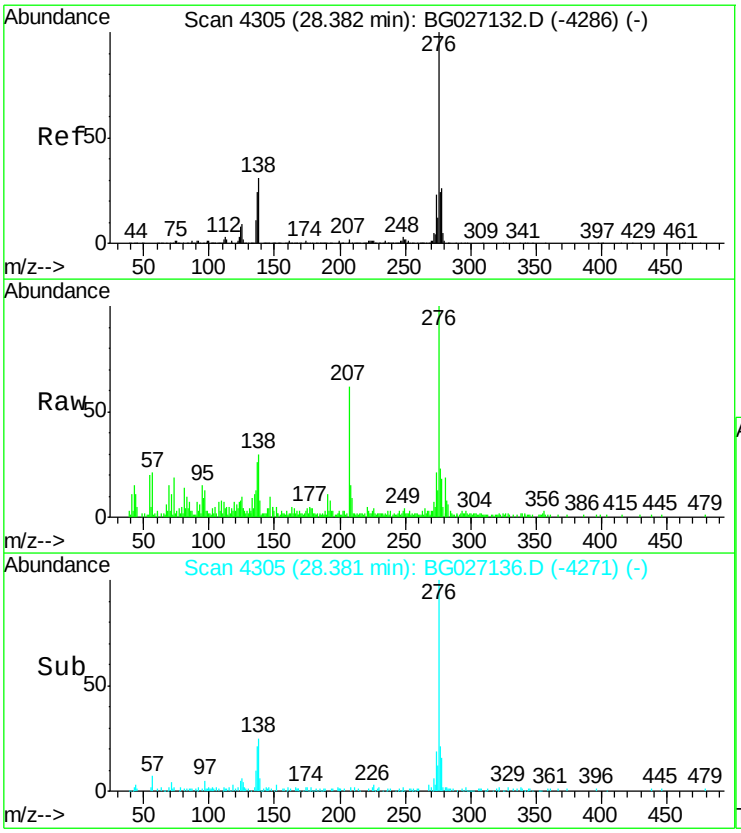
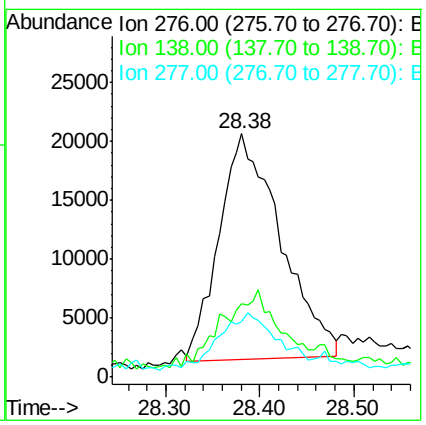


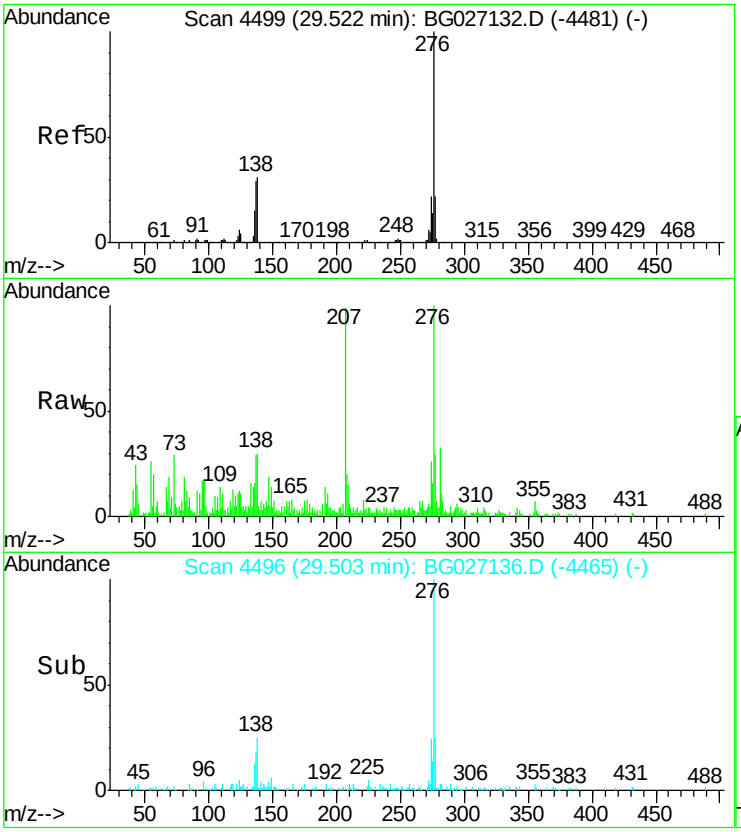


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng/ul
RT: 28.38 min Scan# 4305
Delta R.T. -0.00 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:276 Resp: 87188

Ion	Ratio	Lower	Upper
276	100		
138	29.9	14.4	21.6#
277	22.9	18.0	27.0

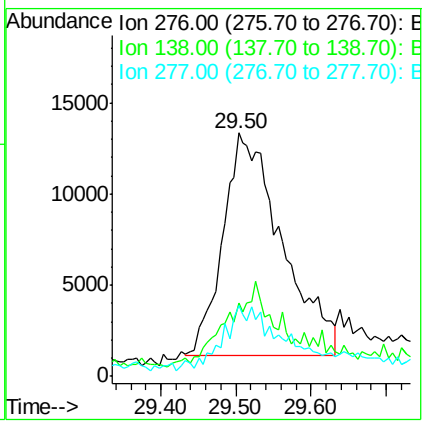




#29
Benzo(g,h,i)perylene
Concen: 2.40 ng/ul m
RT: 29.50 min Scan# 4496
Delta R.T. -0.02 min
Lab File: BG027136.D
Acq: 24 May 2017 20:10

Tgt Ion:276 Resp: 66748

Ion	Ratio	Lower	Upper
276	100		
138	30.0	15.3	22.9#
277	29.2	19.0	28.4#



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