Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027028.D
Acq On : 19 May 2017 7:08
Operator : SJ/MA
Sample : I3136-07MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAC16MSD

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:57 AM

Quant Time: May 19 14:04:46 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	213322	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	988789	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.61	164	519239	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	966661	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	862919	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	873406	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	906747	17.02	ng/ul	0.00
10) Fluorene-d10	15.60	176	584247	16.44	ng/ul	0.00
14) Anthracene-d10	17.45	188	797031	16.91	ng/ul	0.00
18) Pyrene-d10	19.73	212	761975	16.91	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	714295	16.46	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.68	153	645632	17.62	ng/ul	97
13) Phenanthrene	17.39	178	485804	8.99	ng/ul	99
15) Anthracene	17.49	178	88355	1.59	ng/ul	97
16) Fluoranthene	19.40	202	888322	16.08	ng/ul#	91
19) Pyrene	19.76	202	1639942	29.08	ng/ul#	84
20) Benzo(a)anthracene	21.58	228	416643	8.01	ng/ul	96
21) Chrysene	21.64	228	432955	9.07	ng/ul	98
23) Benzo(b)fluoranthene	23.76	252	614650	11.84	ng/ul#	94
24) Benzo(k)fluoranthene	23.82	252	230121m	4.31	ng/ul	
26) Benzo(a)pyrene	24.61	252	392915	7.74	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	28.36	276	236827m	5.07	ng/ul	
28) Dibenzo(a,h)anthracene	28.41	278	64861m	1.61	ng/ul	
29) Benzo(g,h,i)perylene	29.50	276	181803	4.89	ng/ul#	86

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

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Instrument :
BNA_G
ClientSampleId :
DAC16MSD

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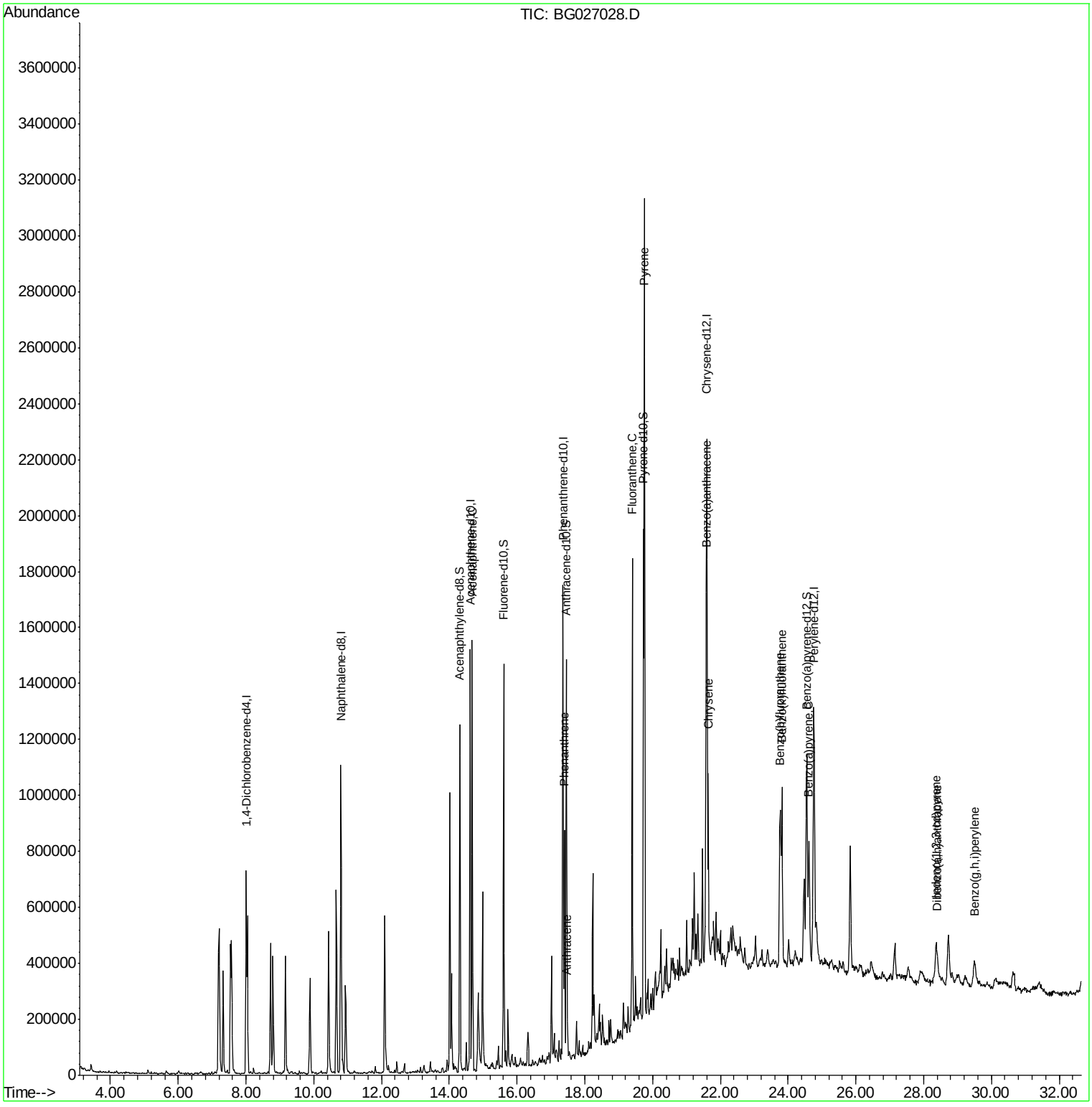
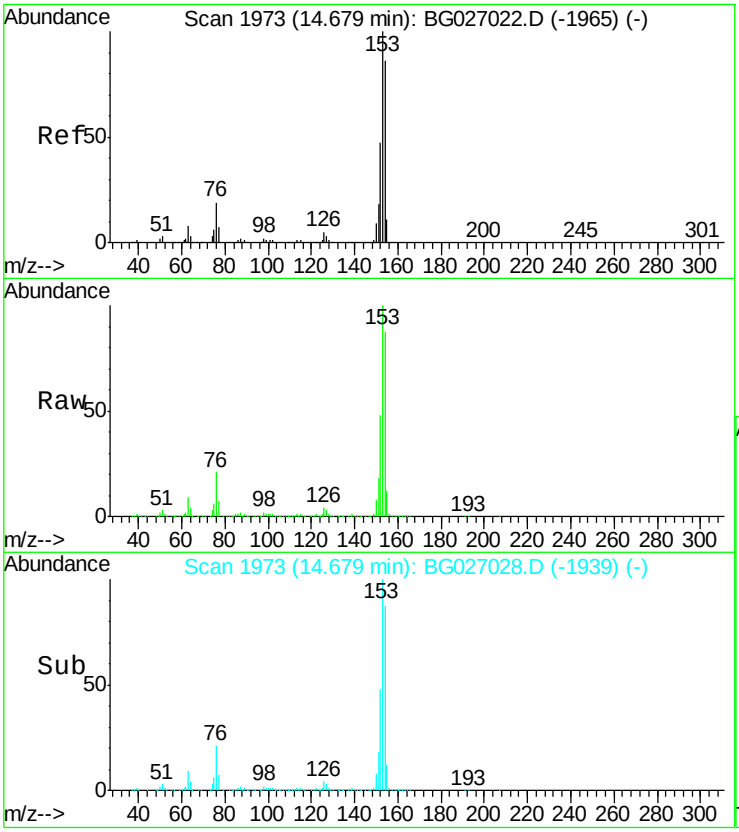
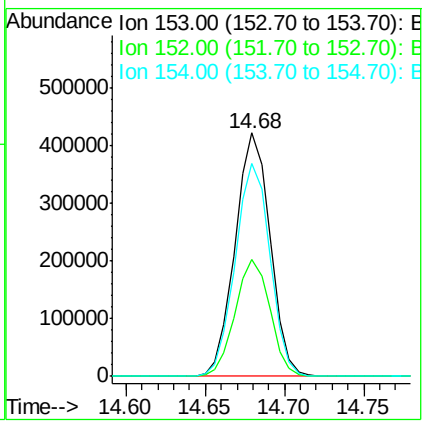




#9
Acenaphthene
Concen: 17.62 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:153 Resp: 645632

Ion	Ratio	Lower	Upper
153	100		
152	48.2	39.0	58.6
154	87.2	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DAC16MSD

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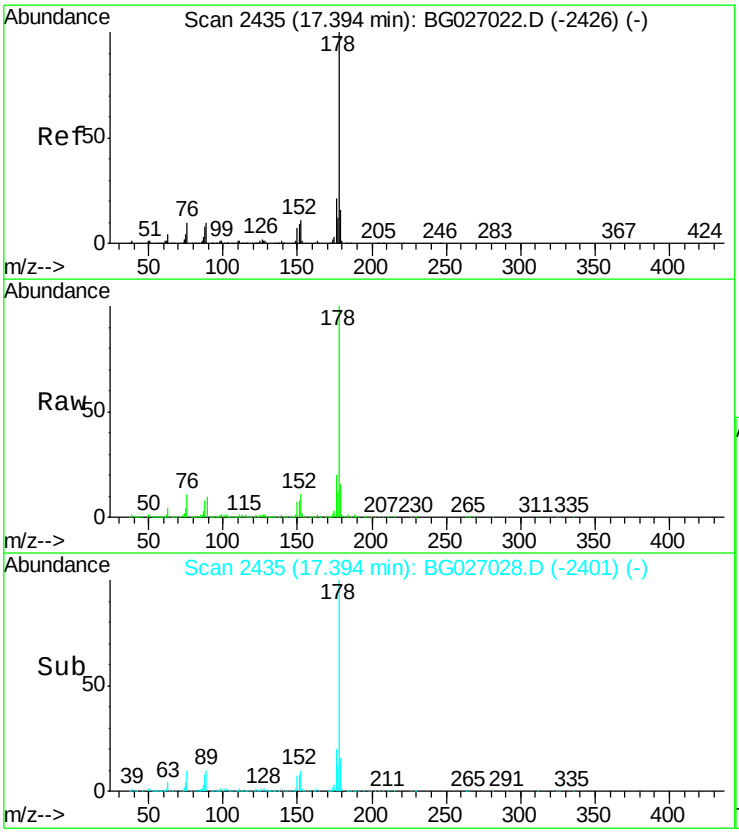
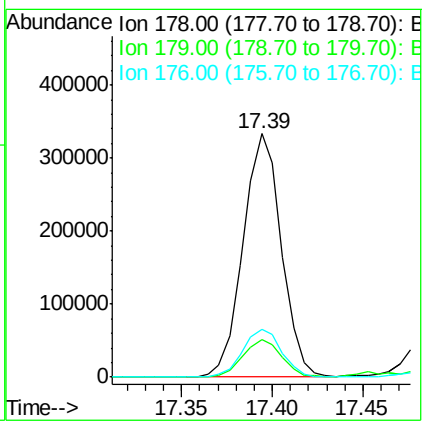
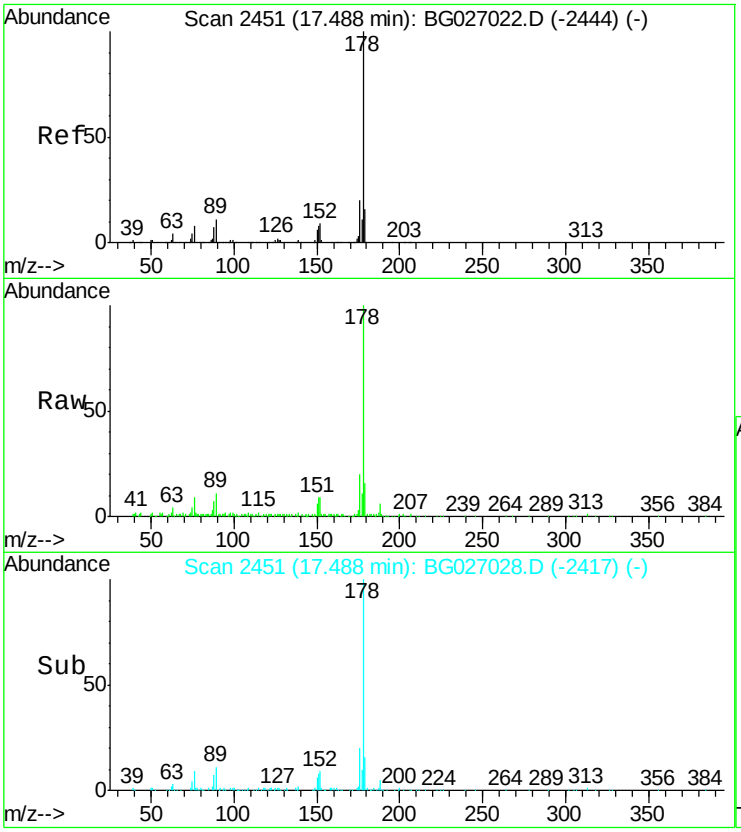


#13
Phenanthrene
Concen: 8.99 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:178 Resp: 485804

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.1	22.7

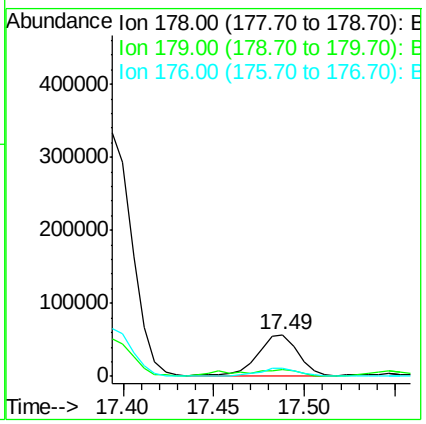




#15
Anthracene
Concen: 1.59 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:178 Resp: 88355

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.8
176	20.4	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
DAC16MSD

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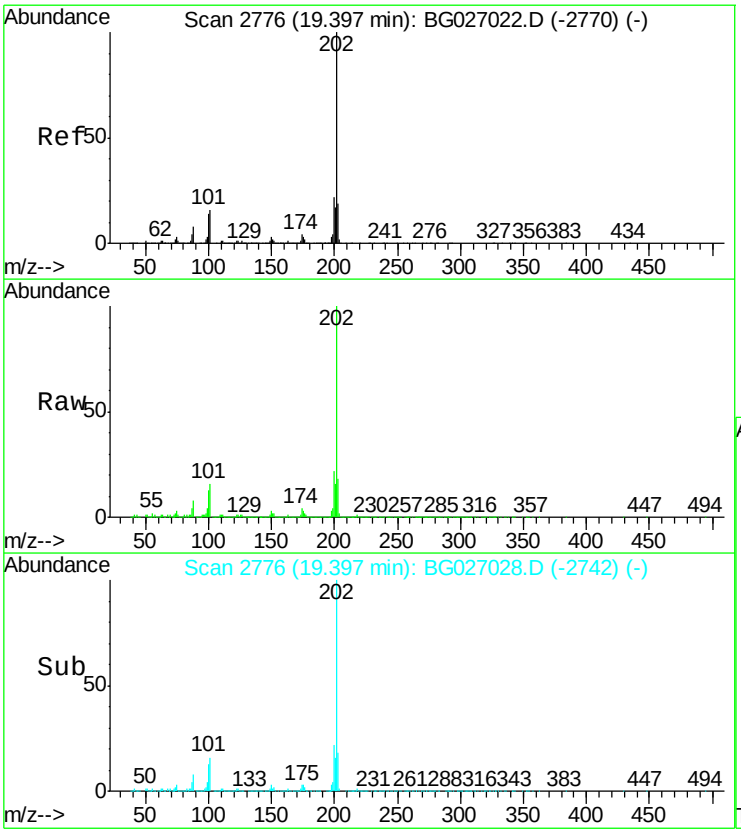
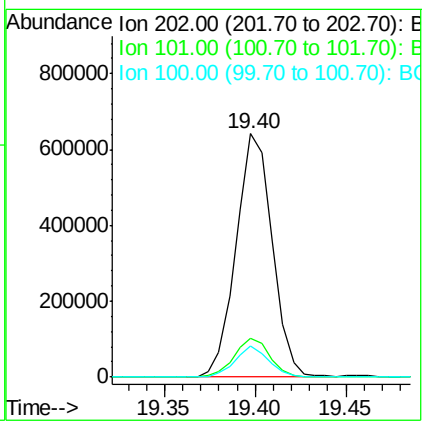
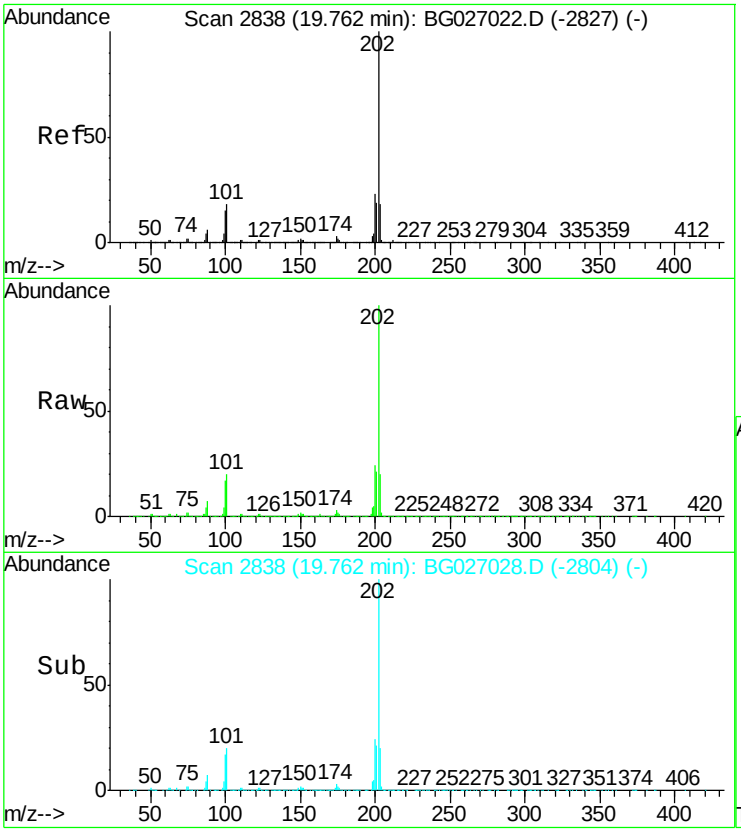


#16
Fluoranthene
Concen: 16.08 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:202 Resp: 888322

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.9	14.9#
100	13.0	7.4	11.0#

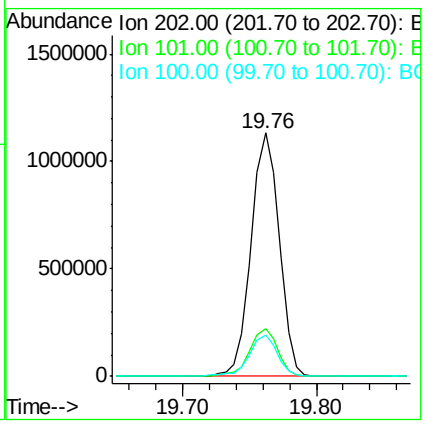




#19
Pyrene
Concen: 29.08 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:202 Resp: 1639942

Ion	Ratio	Lower	Upper
202	100		
101	19.9	11.0	16.4#
100	16.8	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DAC16MSD

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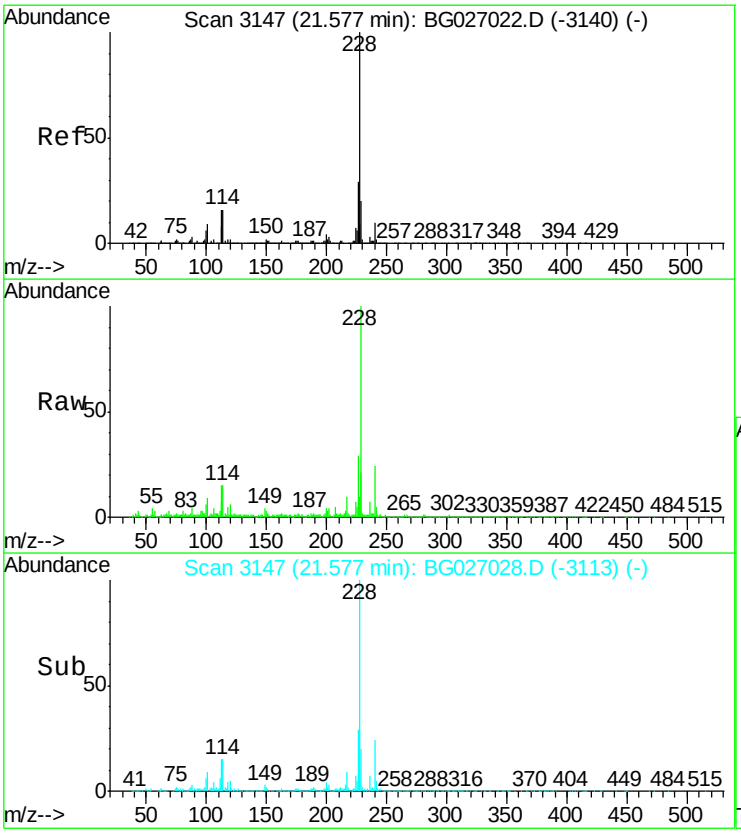
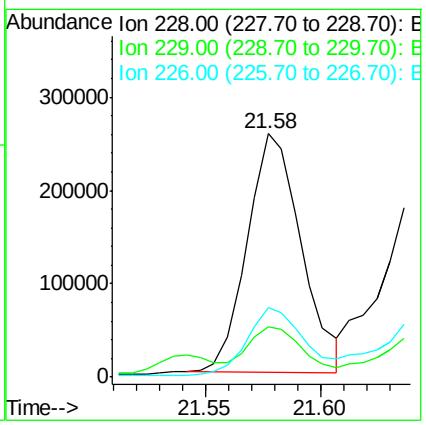
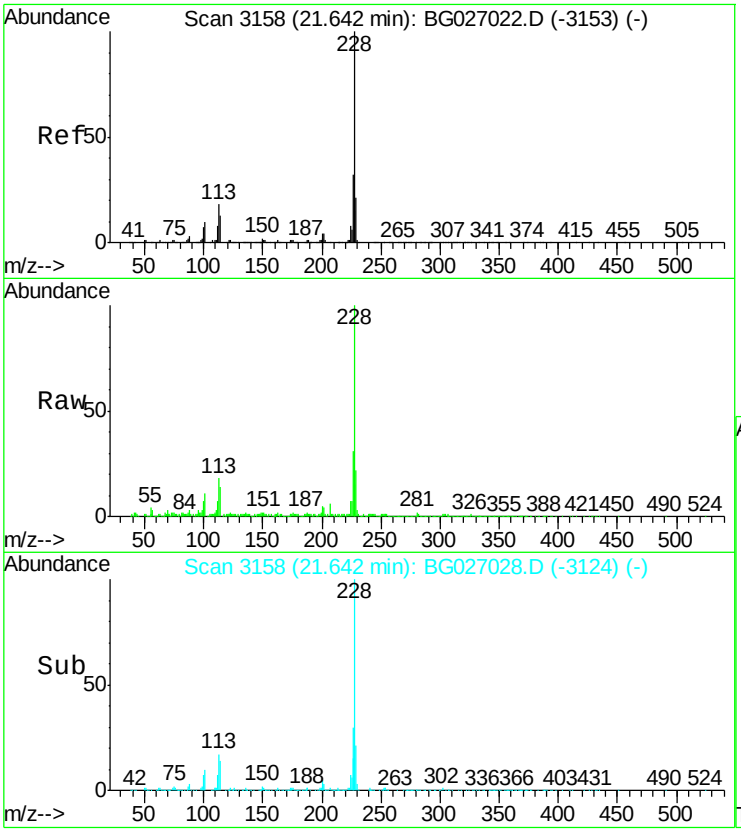


#20
Benzo(a)anthracene
Concen: 8.01 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:228 Resp: 416643

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.8	21.1	31.7

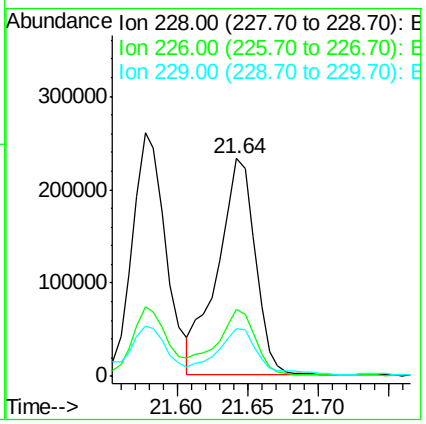




#21
Chrysene
Concen: 9.07 ng/ul
RT: 21.64 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:228 Resp: 432955

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	22.0	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
DAC16MSD

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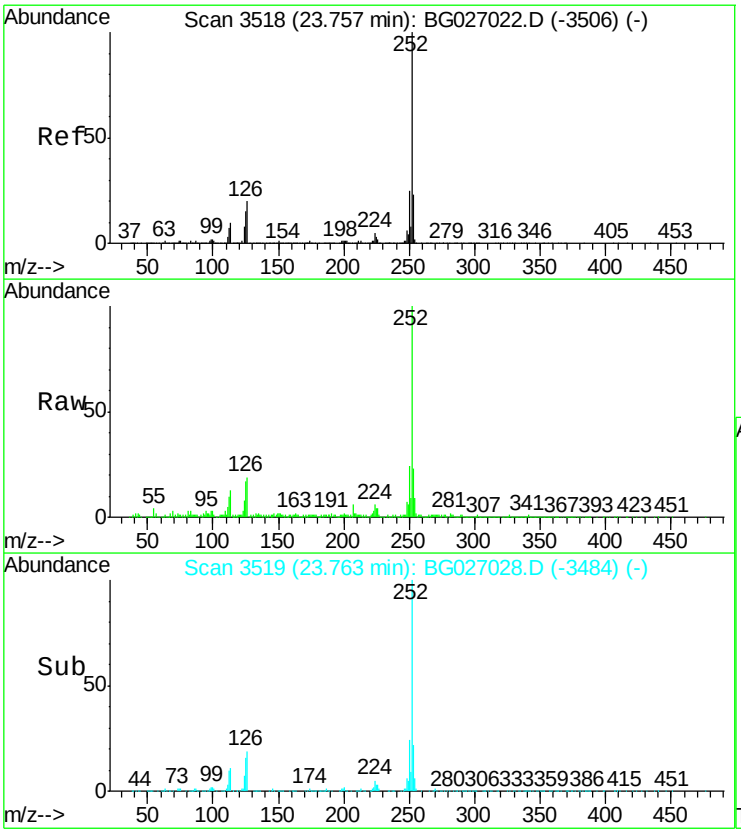
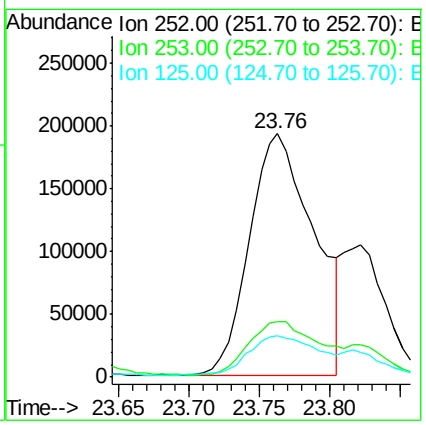
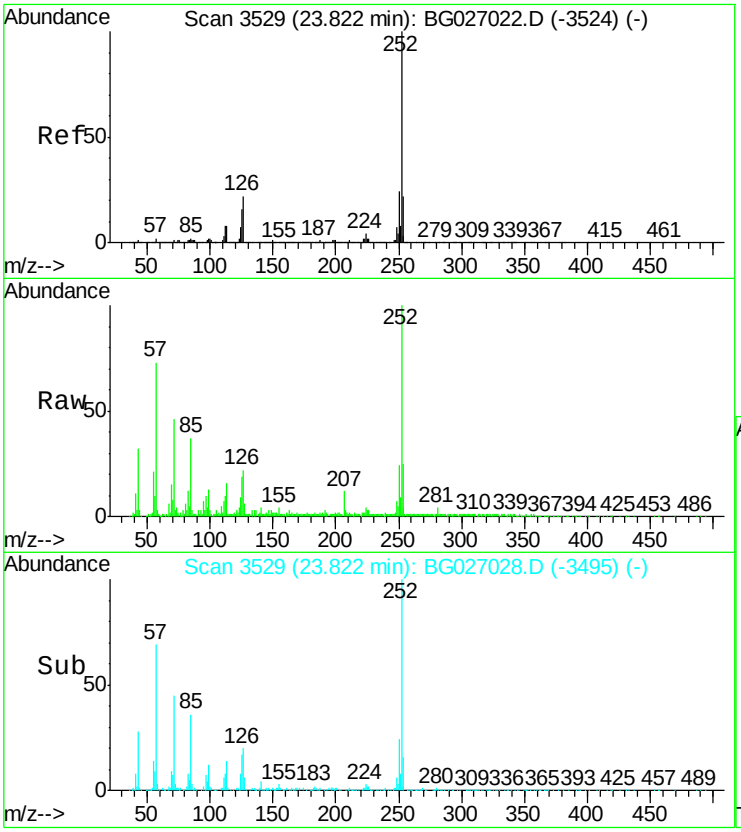


#23
Benzo(b)fluoranthene
Concen: 11.84 ng/ul
RT: 23.76 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:252 Resp: 614650

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	17.1	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 4.31 ng/ul m
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:252 Resp: 230121

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	18.8	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC16MSD

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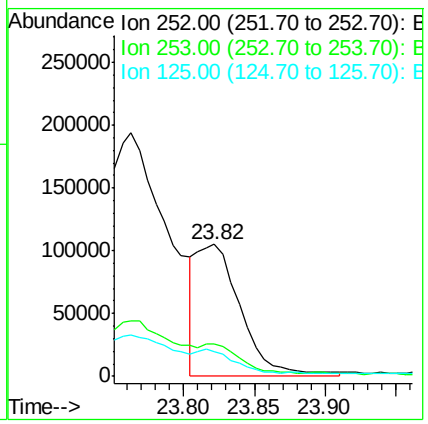
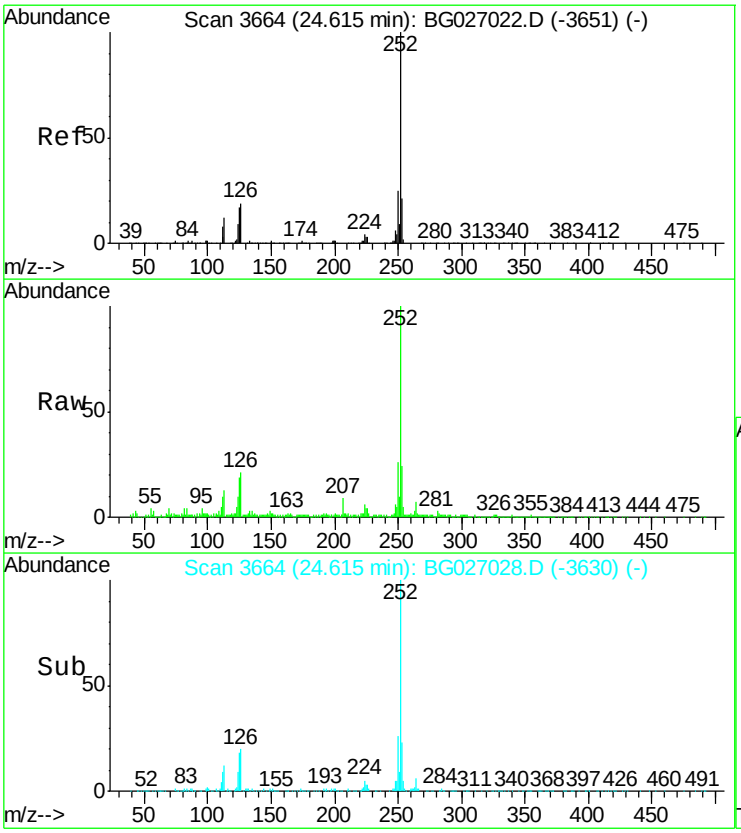
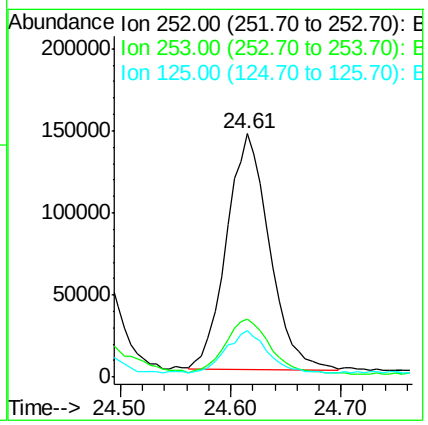


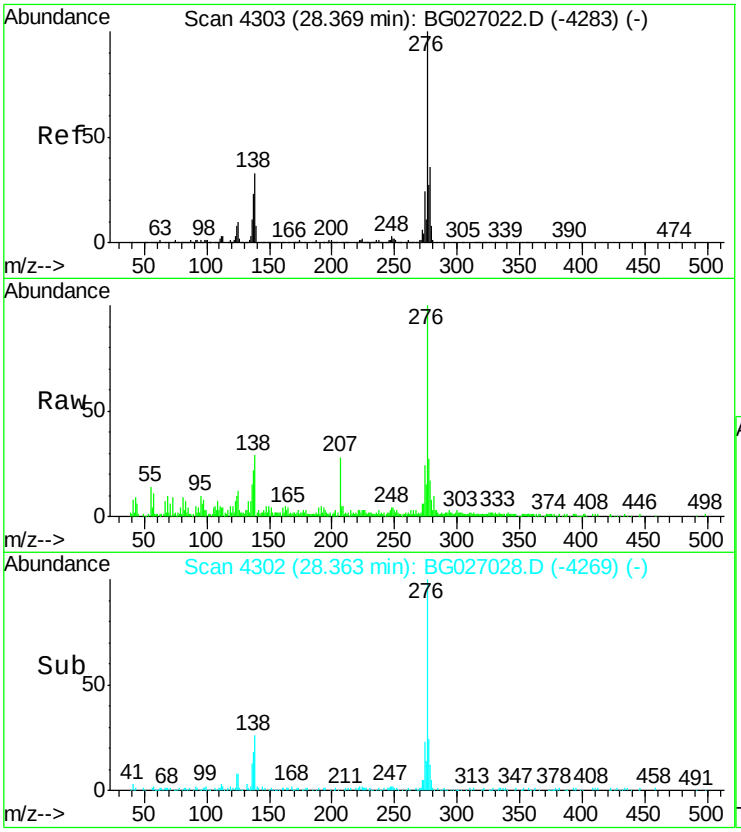


#26
Benzo(a)pyrene
Concen: 7.74 ng/ul
RT: 24.61 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:252 Resp: 392915

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	19.0	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.07 ng/ul m
RT: 28.36 min Scan# 4302
Delta R.T. -0.01 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:276 Resp: 236827

Ion	Ratio	Lower	Upper
276	100		
138	29.1	14.4	21.6#
277	27.3	18.0	27.0#

Instrument :
BNA_G
ClientSampleId :
DAC16MSD

Manual Integrations APPROVED
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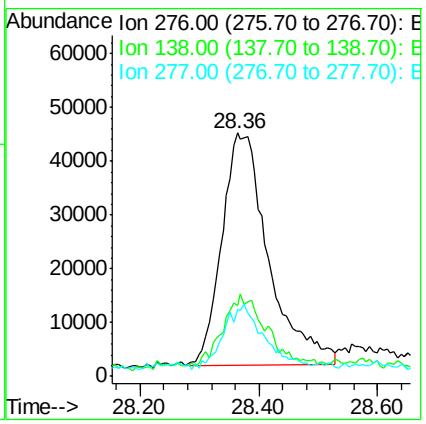
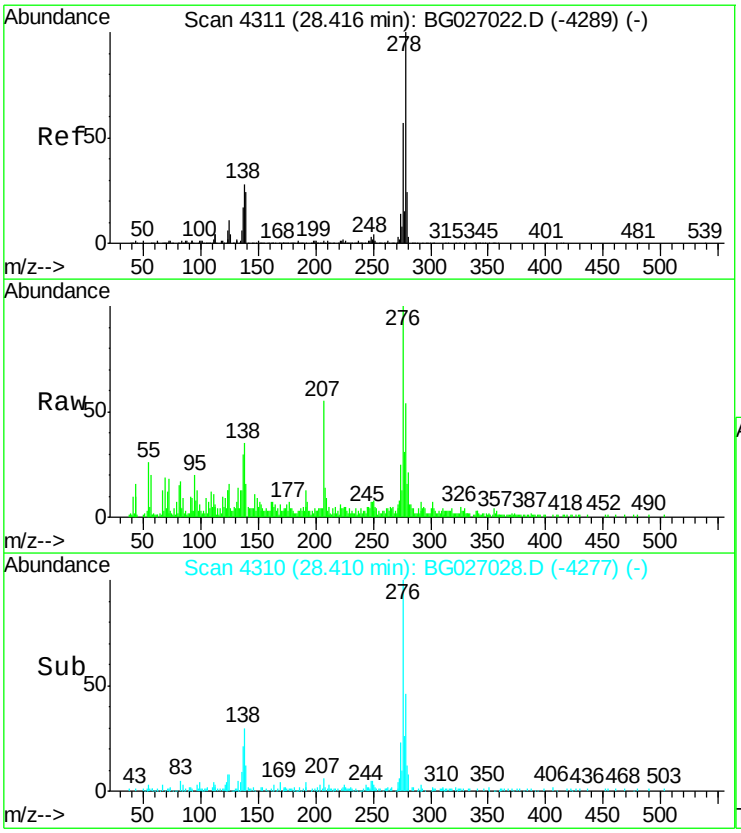
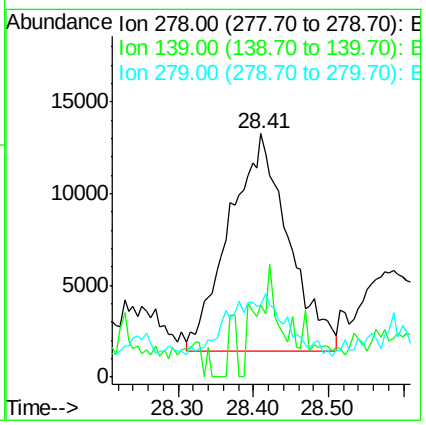


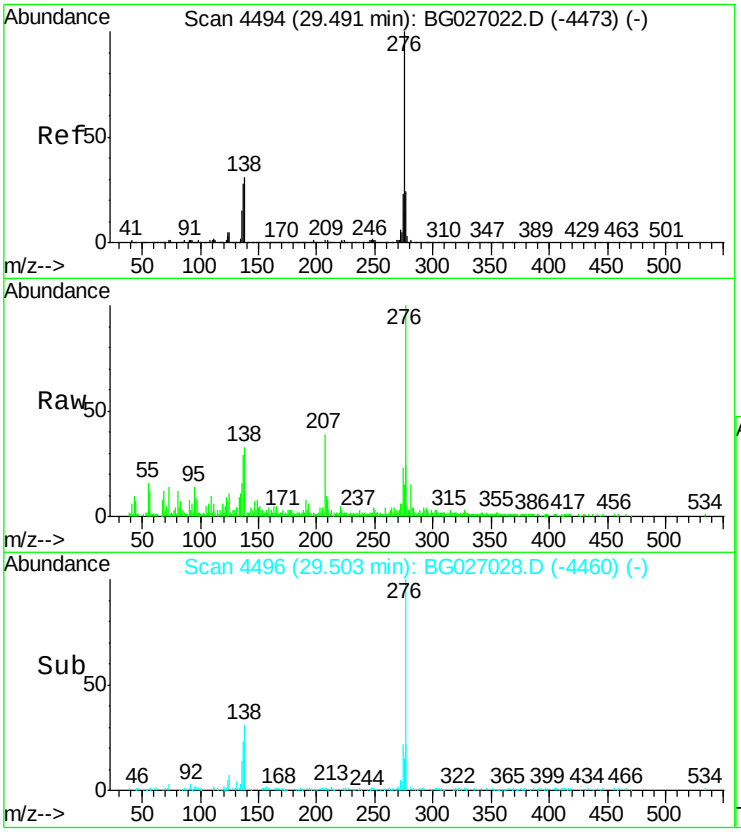


#28
Dibenzo(a,h)anthracene
Concen: 1.61 ng/ul m
RT: 28.41 min Scan# 4310
Delta R.T. -0.01 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:278 Resp: 64861

Ion	Ratio	Lower	Upper
278	100		
139	29.5	12.2	18.4#
279	29.8	19.2	28.8#

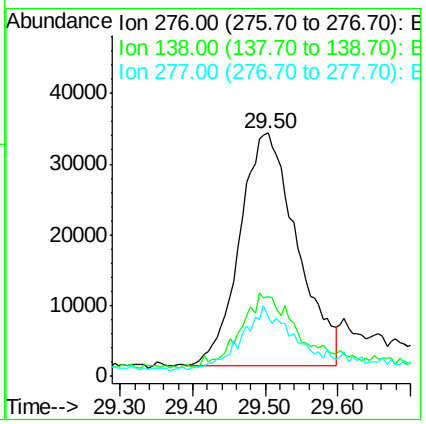




#29
Benzo(g,h,i)perylene
Concen: 4.89 ng/ul
RT: 29.50 min Scan# 4496
Delta R.T. 0.01 min
Lab File: BG027028.D
Acq: 19 May 2017 7:08

Tgt Ion:276 Resp: 181803

Ion	Ratio	Lower	Upper
276	100		
138	32.8	15.3	22.9#
277	24.2	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
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