Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029106.D
Acq On : 9 Oct 2017 13:59
Operator : SJ/JU
Sample : I5578-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAGC5MSD

Manual Integrations APPROVED
Sohil
10/10/2017 5:03:28 PM

Quant Time: Oct 10 05:26:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	42038	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	195216	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	131114	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	308674m	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	329233m	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	333592	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	500022	36.67	ng/ul	0.00
10) Fluorene-d10	15.81	176	374350	37.85	ng/ul	0.00
14) Anthracene-d10	17.66	188	538309	36.00	ng/ul	0.00
18) Pyrene-d10	19.93	212	650892	38.64	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	611570	38.27	ng/ul	0.00
Target Compounds						Qvalue
4) 2-Methylnaphthalene	12.67	142	8451	1.096	ng/ul#	78
5) 1-Methylnaphthalene	12.89	142	7564	1.027	ng/ul	97
9) Acenaphthene	14.89	153	301499	33.743	ng/ul	96
13) Phenanthrene	17.60	178	56438m	3.428	ng/ul	
16) Fluoranthene	19.60	202	113359m	5.873	ng/ul	
19) Pyrene	19.96	202	745696m	36.335	ng/ul	
20) Benzo(a)anthracene	21.82	228	65695m	3.388	ng/ul	
21) Chrysene	21.89	228	68230	3.843	ng/ul	98
23) Benzo(b)fluoranthene	24.13	252	100541m	5.038	ng/ul	
24) Benzo(k)fluoranthene	24.17	252	34133m	1.752	ng/ul	
26) Benzo(a)pyrene	25.02	252	60973	3.146	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	28.99	276	50798	2.309	ng/ul#	88
29) Benzo(g,h,i)perylene	30.18	276	43383	2.391	ng/ul#	94

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

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Manual Integrations APPROVED
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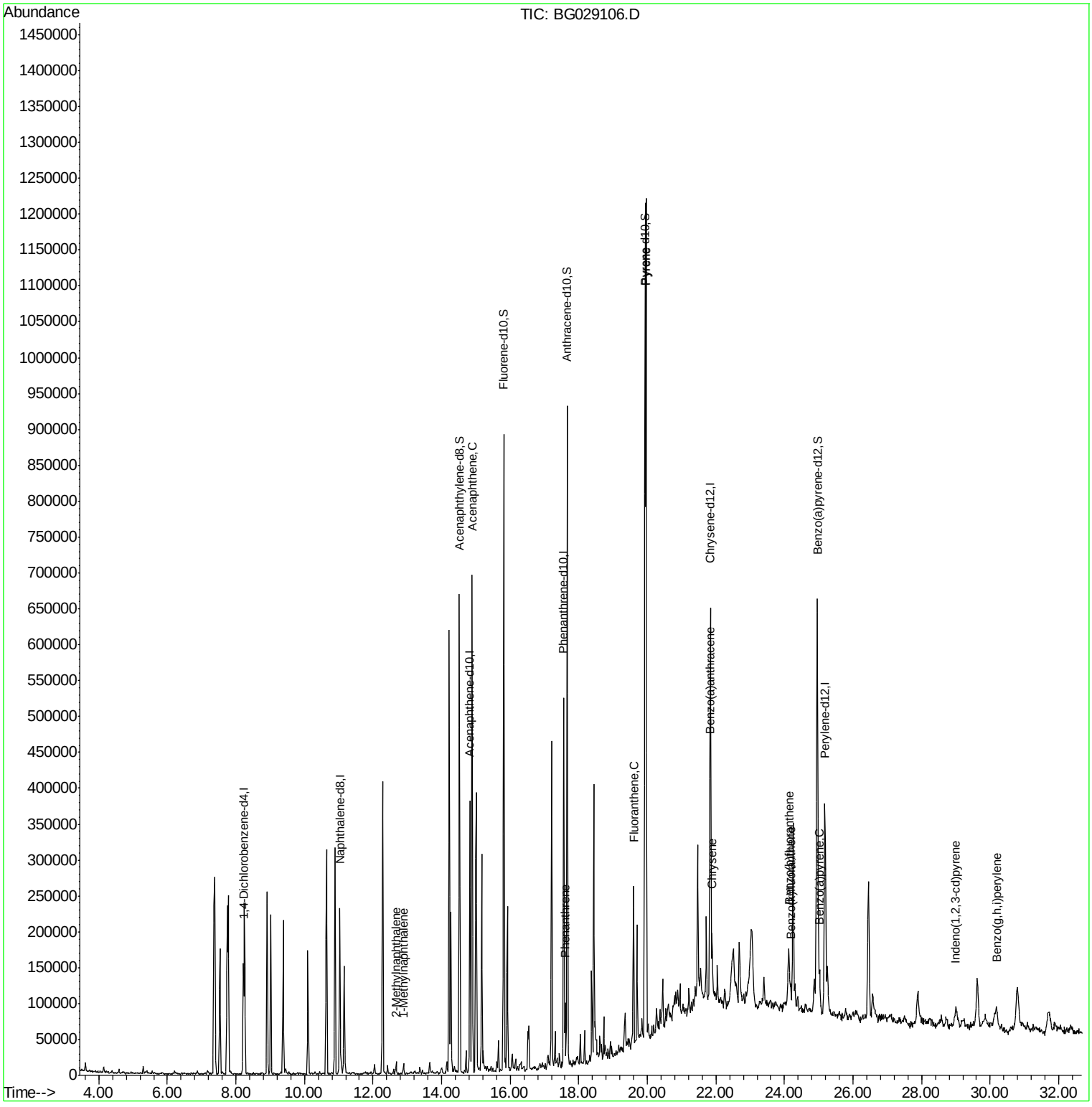

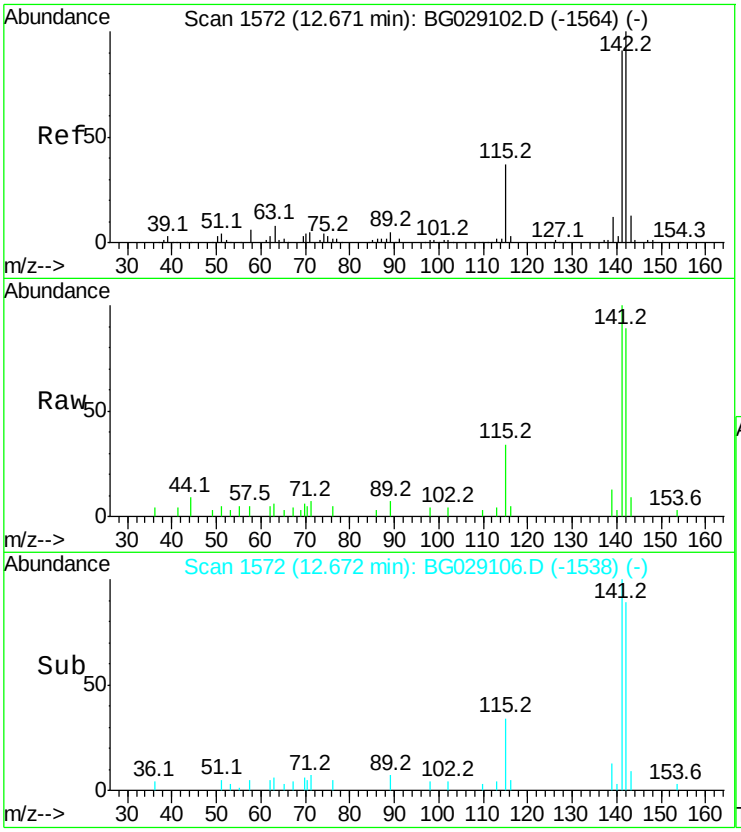

#4
2-Methylnaphthalene
Concen: 1.096 ng/ul
RT: 12.67 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:142 Resp: 8451

Ion	Ratio	Lower	Upper
142	100		
141	111.9	72.7	109.1#

Instrument :
BNA_G
ClientSampleId :
DAGC5MSD

Manual Integrations APPROVED
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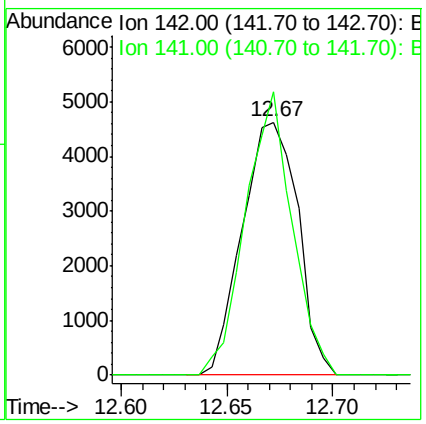
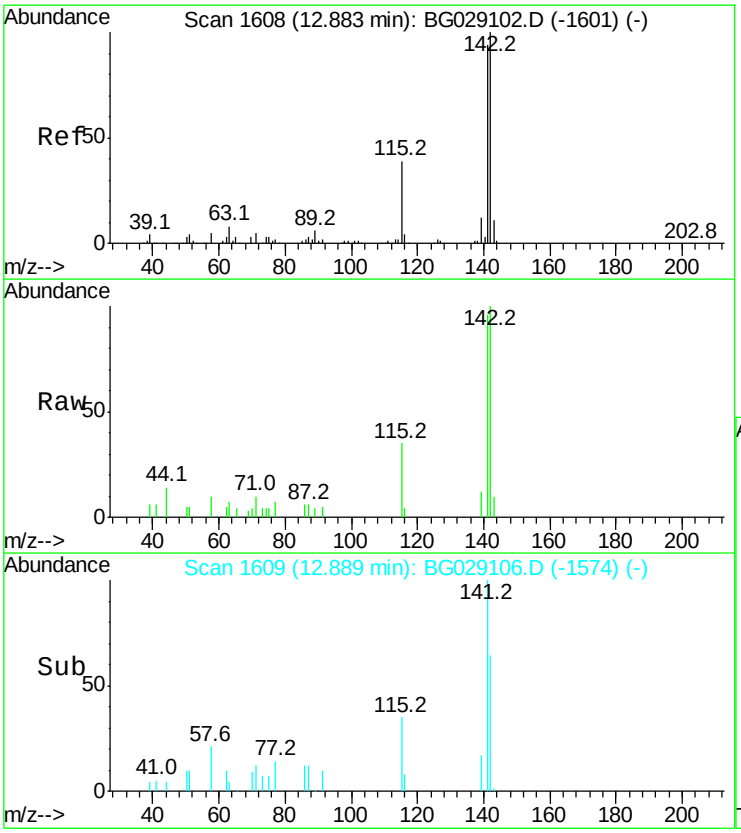
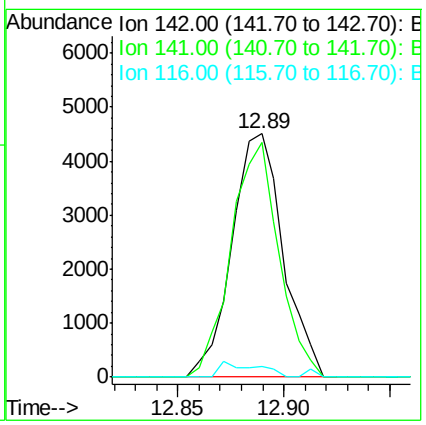


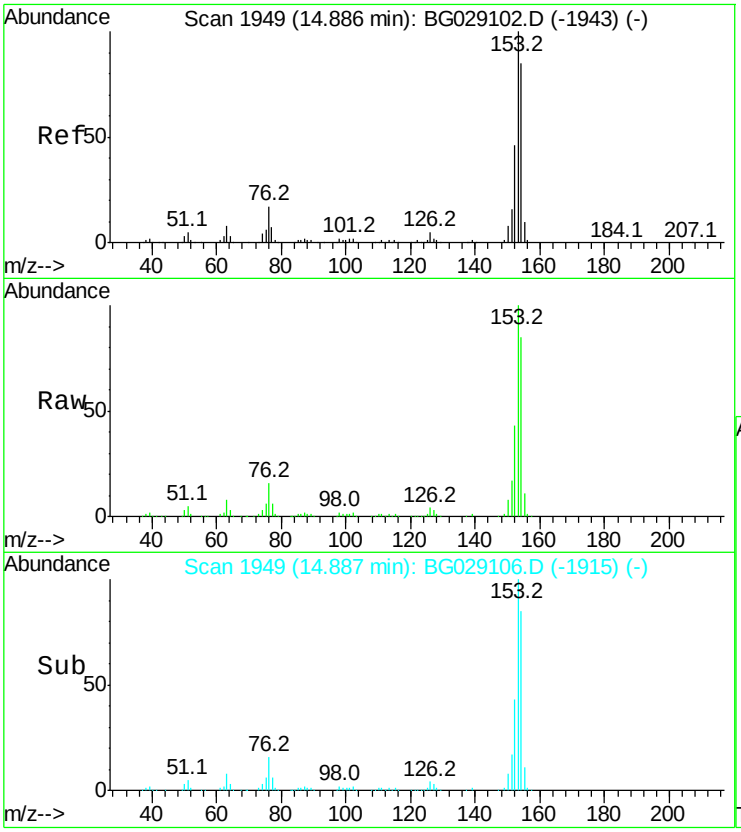


#5
1-Methylnaphthalene
Concen: 1.027 ng/ul
RT: 12.89 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:142 Resp: 7564

Ion	Ratio	Lower	Upper
142	100		
141	96.5	79.3	118.9
116	4.2	4.2	6.2

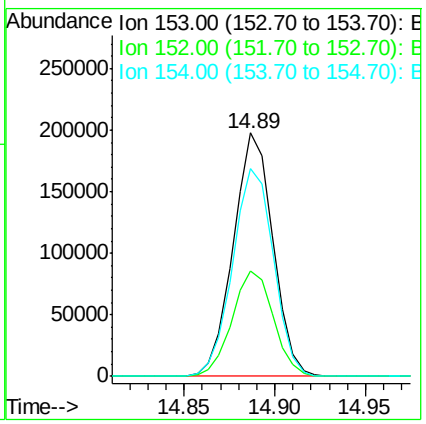




#9
Acenaphthene
Concen: 33.743 ng/ul
RT: 14.89 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:153 Resp: 301499

Ion	Ratio	Lower	Upper
153	100		
152	43.2	39.0	58.6
154	85.4	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DAGC5MSD

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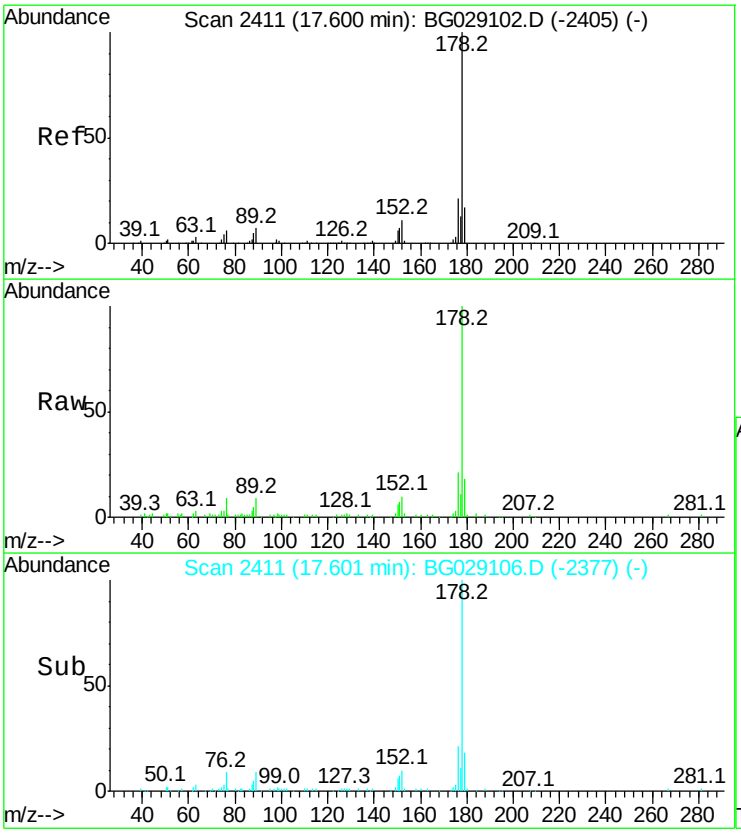
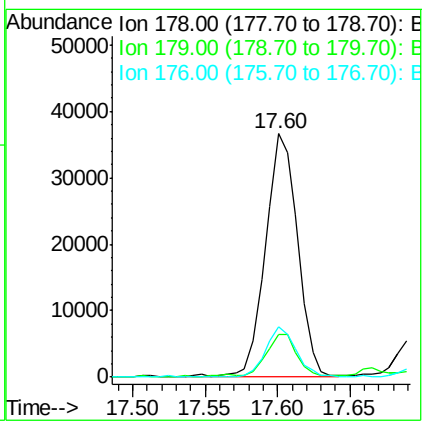
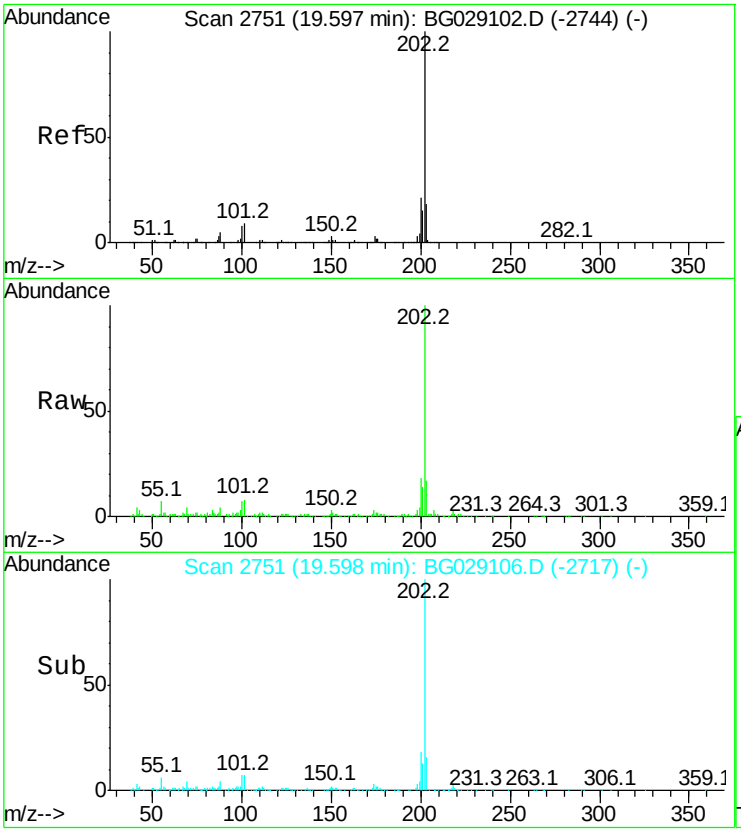


#13
Phenanthrene
Concen: 3.428 ng/ul m
RT: 17.60 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:178 Resp: 56438

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.3	18.5
176	20.8	15.1	22.7

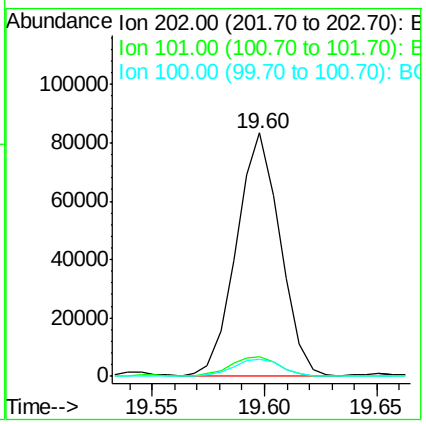




#16
Fluoranthene
Concen: 5.873 ng/ul m
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:202 Resp: 113359

Ion	Ratio	Lower	Upper
202	100		
101	7.9	9.9	14.9#
100	6.8	7.4	11.0#



Instrument :
BNA_G
ClientSampleId :
DAGC5MSD

Manual Integrations APPROVED
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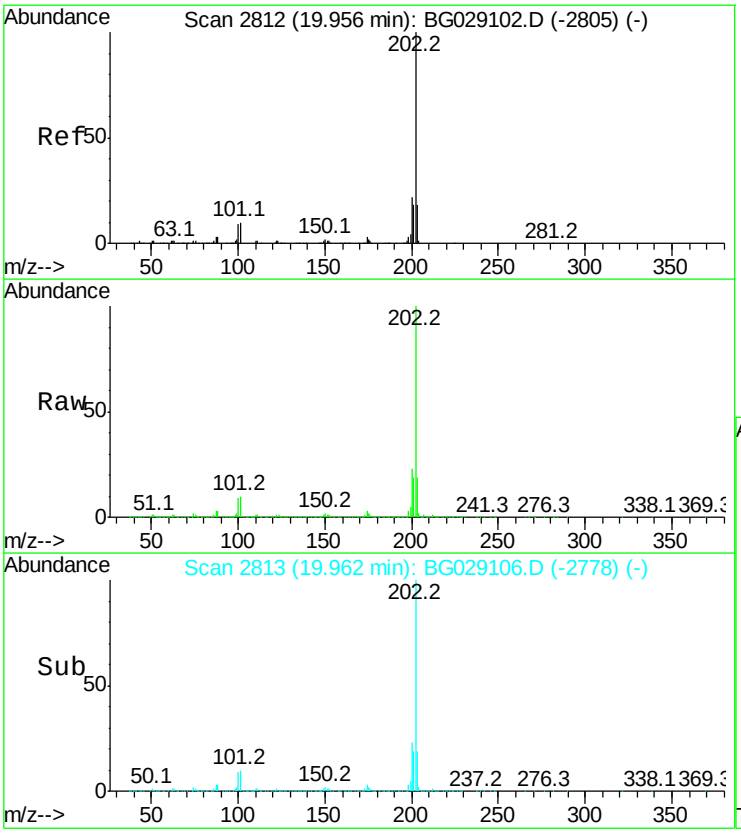
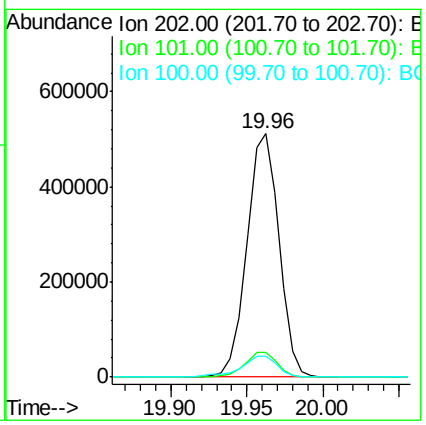
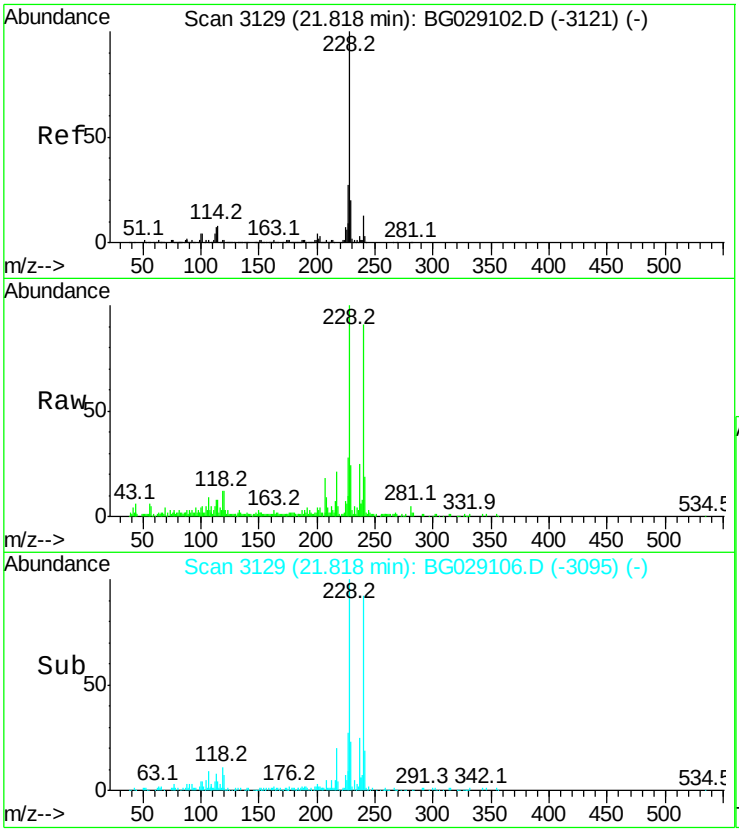


#19
Pyrene
Concen: 36.335 ng/ul m
RT: 19.96 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:202 Resp: 745696

Ion	Ratio	Lower	Upper
202	100		
101	10.4	11.0	16.4#
100	8.8	8.1	12.1

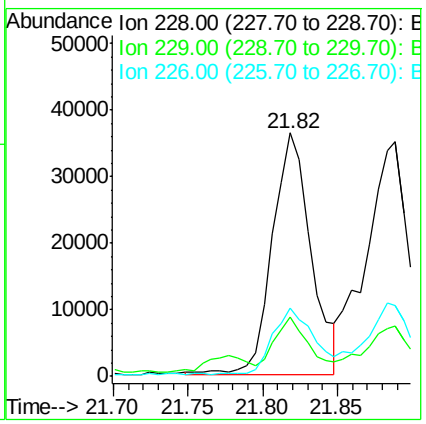




#20
Benzo(a)anthracene
Concen: 3.388 ng/ul m
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:228 Resp: 65695

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.7	23.5#
226	27.8	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DAGC5MSD

Manual Integrations APPROVED
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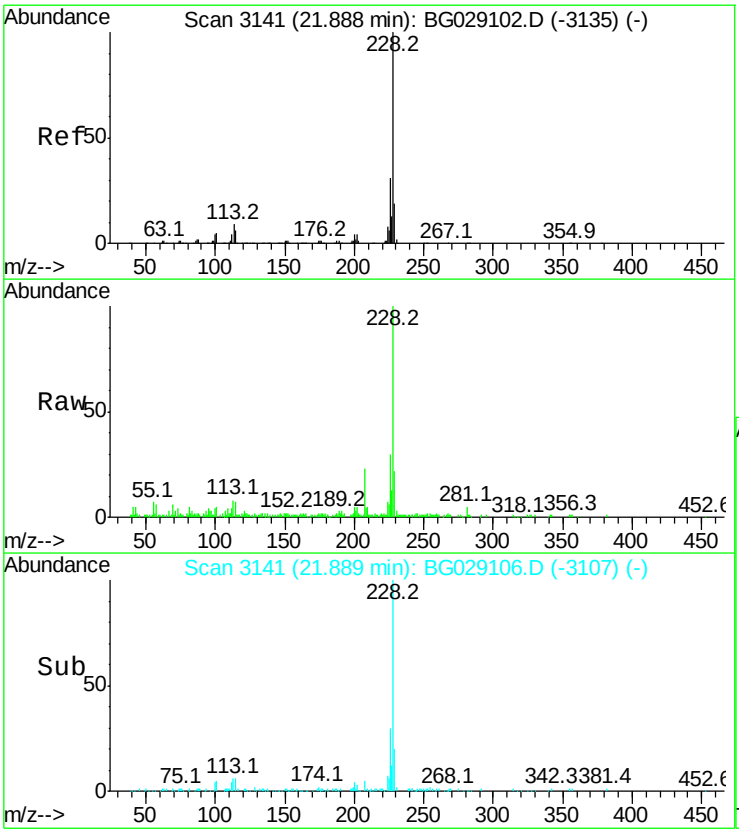
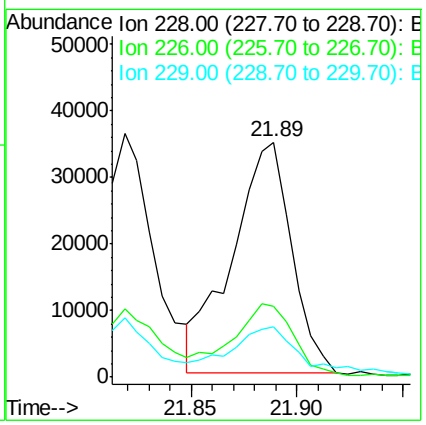
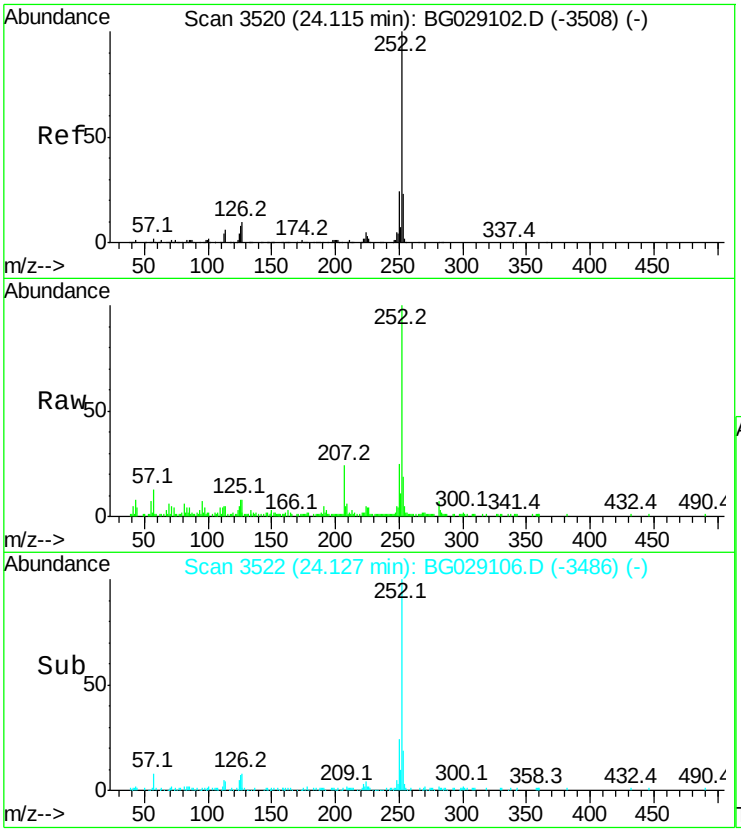


#21
Chrysene
Concen: 3.843 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:228 Resp: 68230

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	21.6	15.8	23.8





#23
Benzo(b)fluoranthene
Concen: 5.038 ng/ul m
RT: 24.13 min Scan# 3522
Delta R.T. 0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:252 Resp: 100541

Ion	Ratio	Lower	Upper
252	100		
253	19.2	18.0	27.0
125	8.3	8.0	12.0

Instrument :
BNA_G
ClientSampleId :
DAGC5MSD

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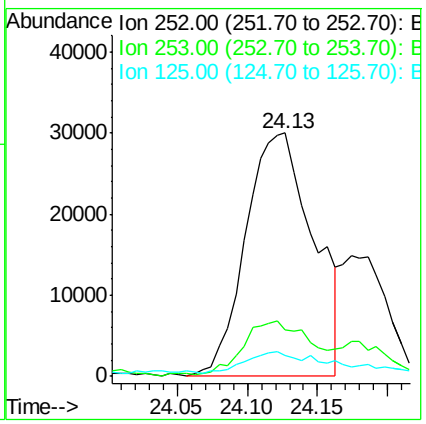
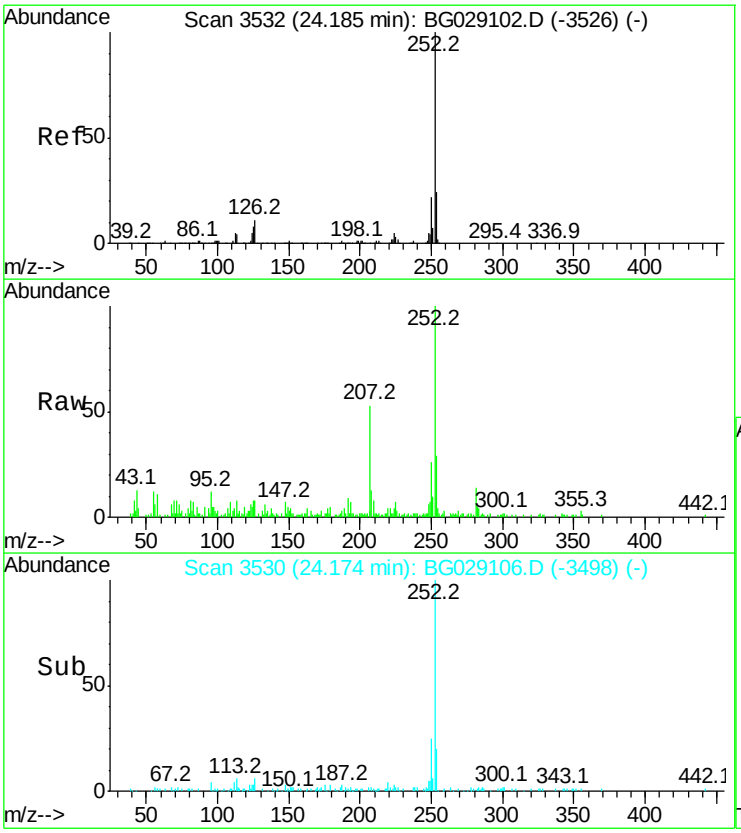
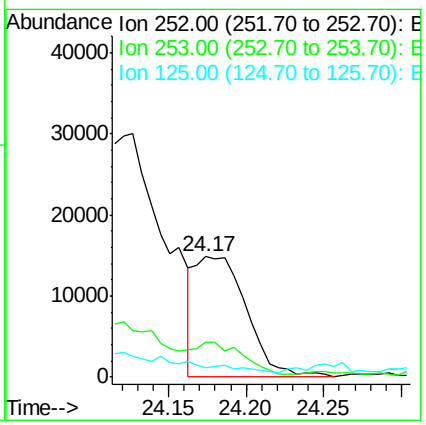


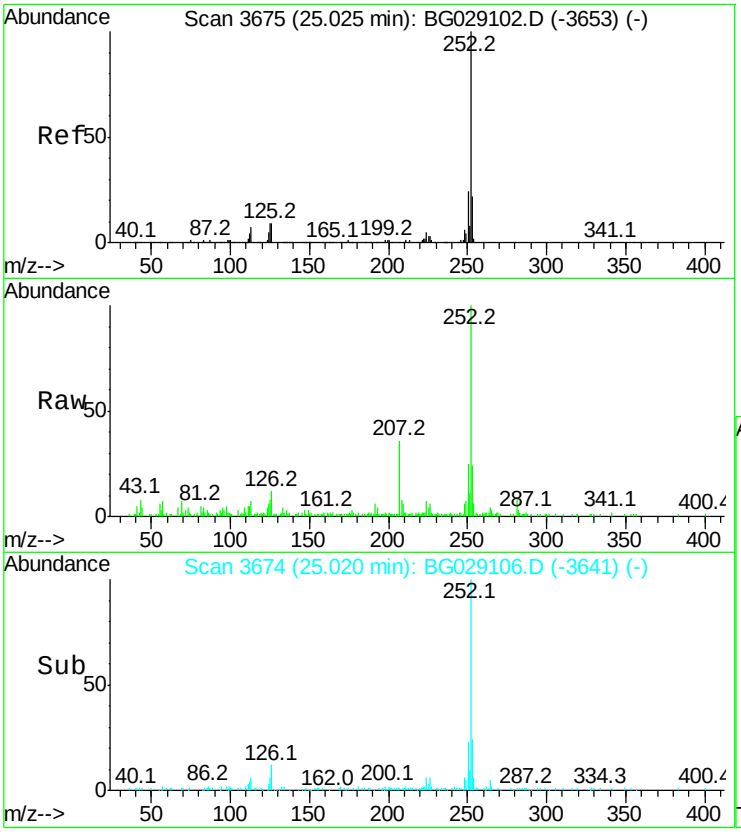


#24
Benzo(k)fluoranthene
Concen: 1.752 ng/ul m
RT: 24.17 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:252 Resp: 34133

Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.0	27.0#
125	8.0	8.1	12.1#

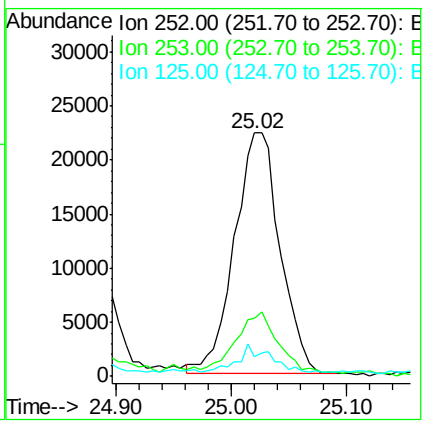




#26
Benzo(a)pyrene
Concen: 3.146 ng/ul
RT: 25.02 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:252 Resp: 60973

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	8.3	8.2	12.4



Instrument :
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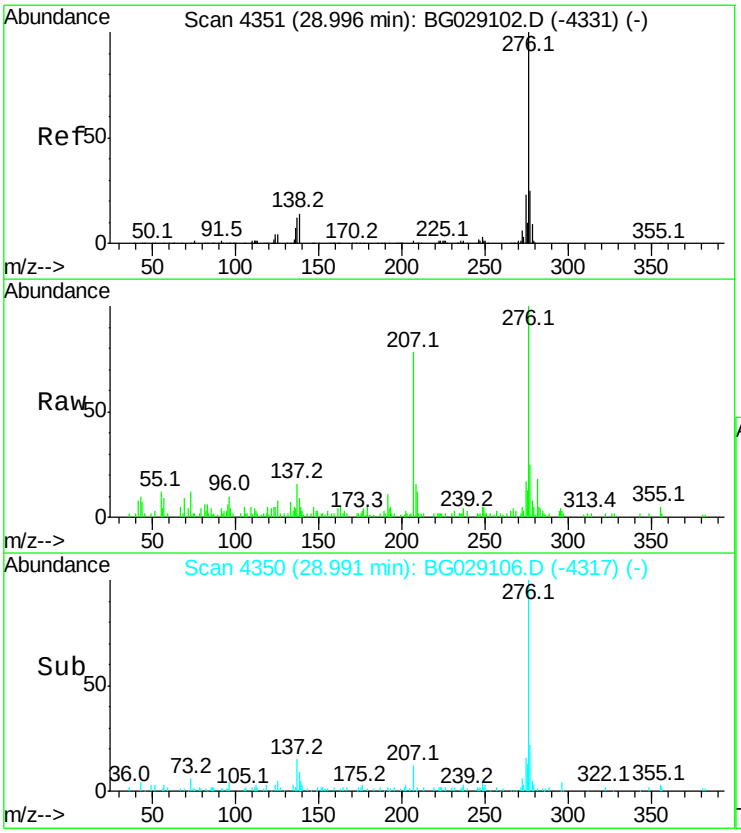
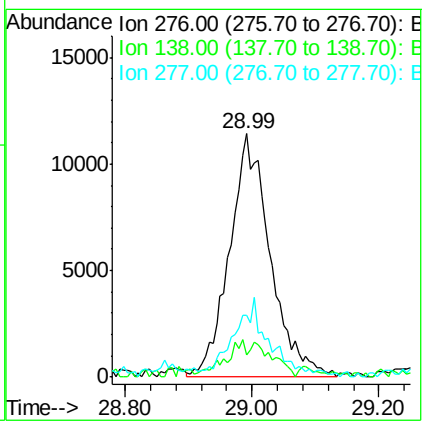
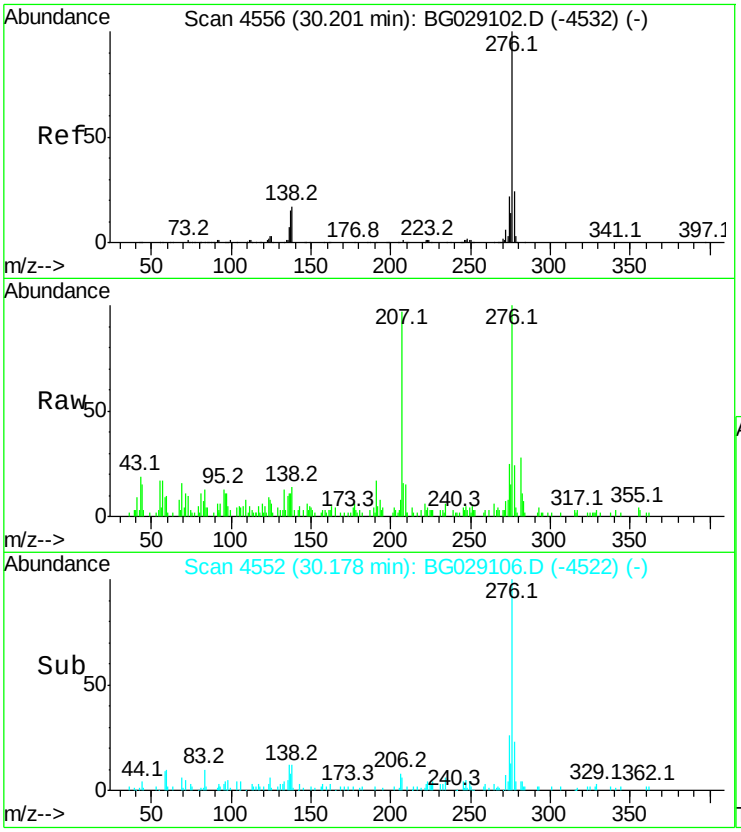


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.309 ng/ul
RT: 28.99 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:276 Resp: 50798

Ion	Ratio	Lower	Upper
276	100		
138	9.2	14.4	21.6#
277	25.2	18.0	27.0

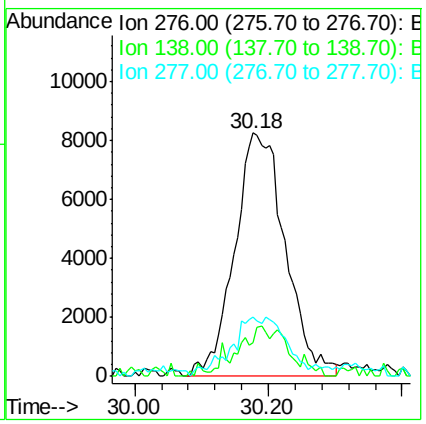




#29
Benzo(g,h,i)perylene
Concen: 2.391 ng/ul
RT: 30.18 min Scan# 4552
Delta R.T. -0.02 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:276 Resp: 43383

Ion	Ratio	Lower	Upper
276	100		
138	14.0	15.3	22.9#
277	24.3	19.0	28.4



Instrument :
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ClientSampleId :
DAGC5MSD

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