Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029129.D
Acq On : 10 Oct 2017 5:18
Operator : SJ/JU
Sample : I5578-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAHA7

Manual Integrations APPROVED
Sohil
10/10/2017 5:04:09 PM

Quant Time: Oct 10 07:15:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	61188	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	260850	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	172277	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	397024	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	411033	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	434832	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	465431	25.98	ng/ul	0.00
10) Fluorene-d10	15.81	176	366536	28.21	ng/ul	0.00
14) Anthracene-d10	17.67	188	565914	29.43	ng/ul	0.00
18) Pyrene-d10	19.94	212	675970	32.14	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.97	264	663368	31.85	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.61	178	108715	5.134	ng/ul	97
16) Fluoranthene	19.60	202	341167m	13.743	ng/ul	
19) Pyrene	19.97	202	335795	13.106	ng/ul#	92
20) Benzo(a)anthracene	21.83	228	216433	8.941	ng/ul	98
21) Chrysene	21.89	228	205080	9.252	ng/ul	95
23) Benzo(b)fluoranthene	24.14	252	282922	10.876	ng/ul	97
24) Benzo(k)fluoranthene	24.19	252	81442m	3.208	ng/ul	
26) Benzo(a)pyrene	25.04	252	206802m	8.185	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.03	276	127311m	4.440	ng/ul	
28) Dibenzo(a,h)anthracene	29.09	278	32657m	1.375	ng/ul	
29) Benzo(g,h,i)perylene	30.22	276	92814	3.925	ng/ul#	94

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

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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Instrument :
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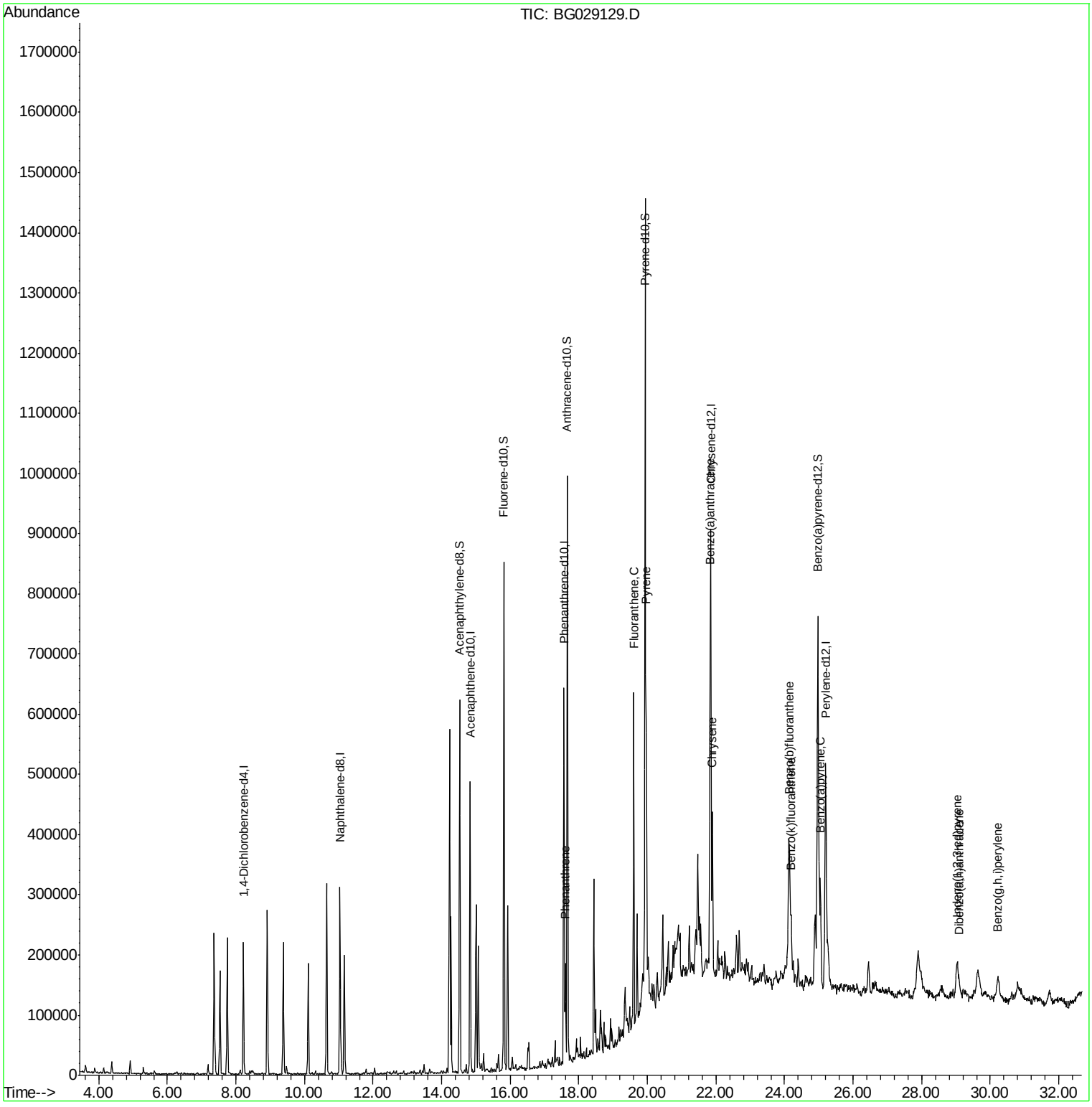
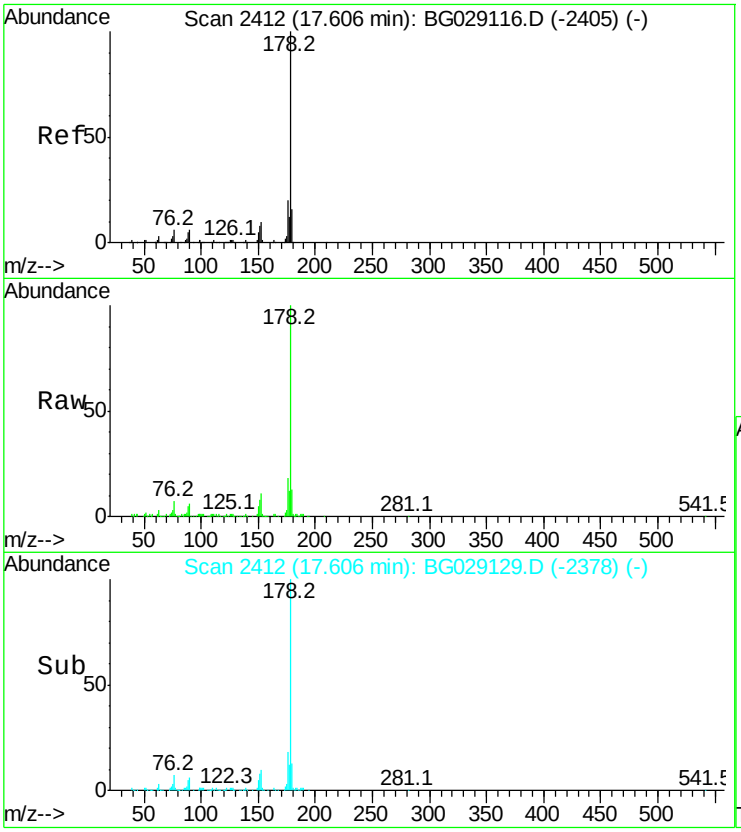
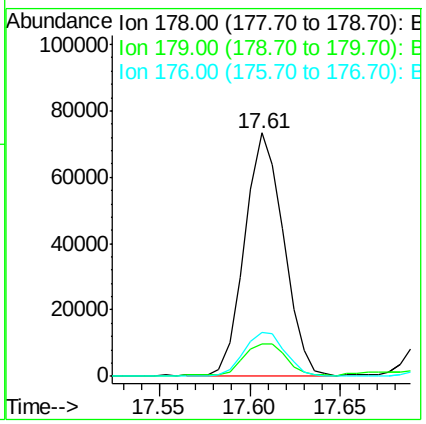




#13
Phenanthrene
Concen: 5.134 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:178 Resp: 108715

Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.3	18.5
176	17.9	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DAHA7

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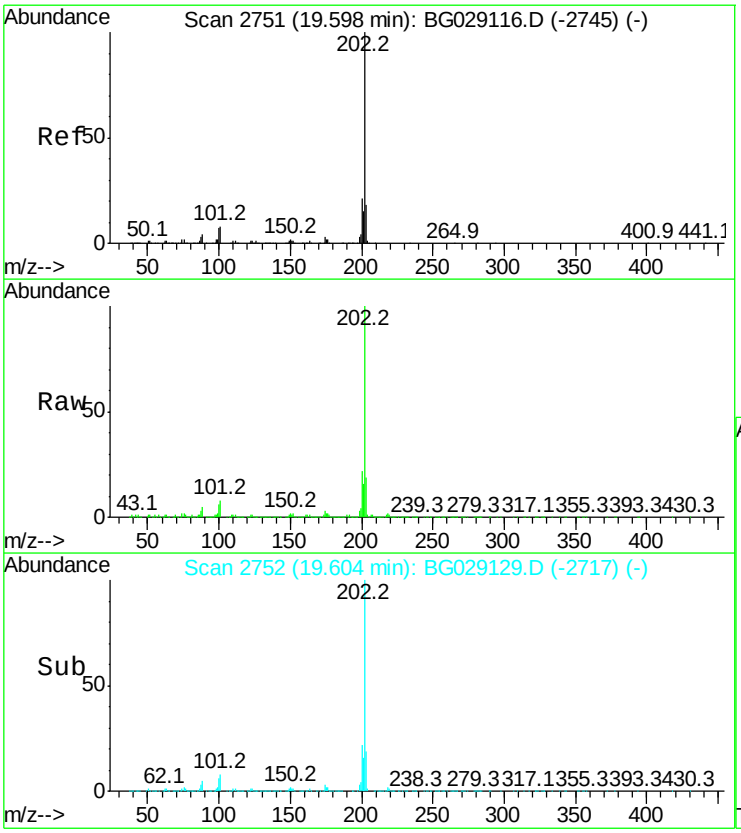
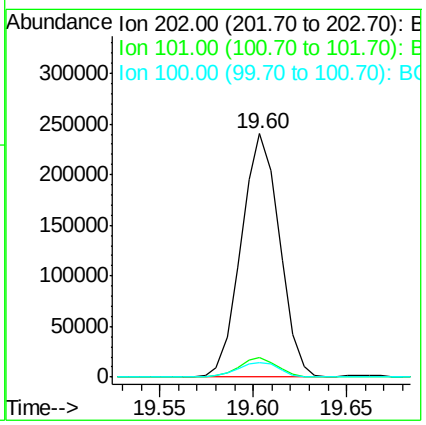
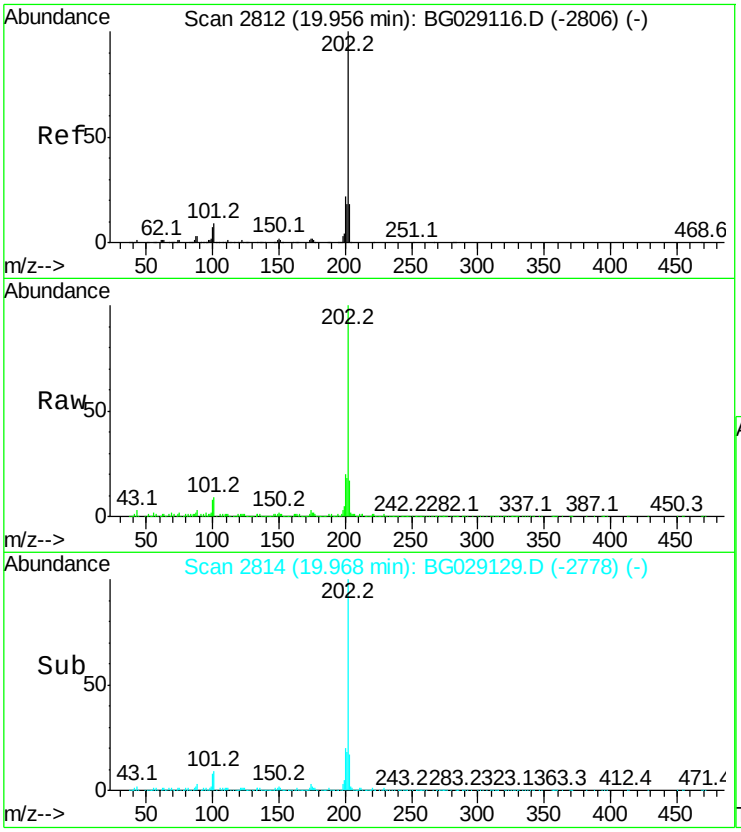


#16
Fluoranthene
Concen: 13.743 ng/ul m
RT: 19.60 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:202 Resp: 341167

Ion	Ratio	Lower	Upper
202	100		
101	8.1	9.9	14.9#
100	5.8	7.4	11.0#

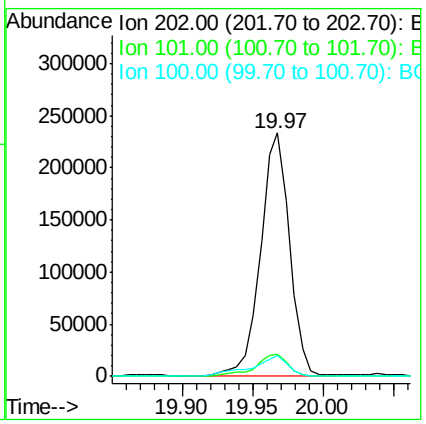




#19
Pyrene
Concen: 13.106 ng/ul
RT: 19.97 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:202 Resp: 335795

Ion	Ratio	Lower	Upper
202	100		
101	9.1	11.0	16.4#
100	8.4	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
DAHA7

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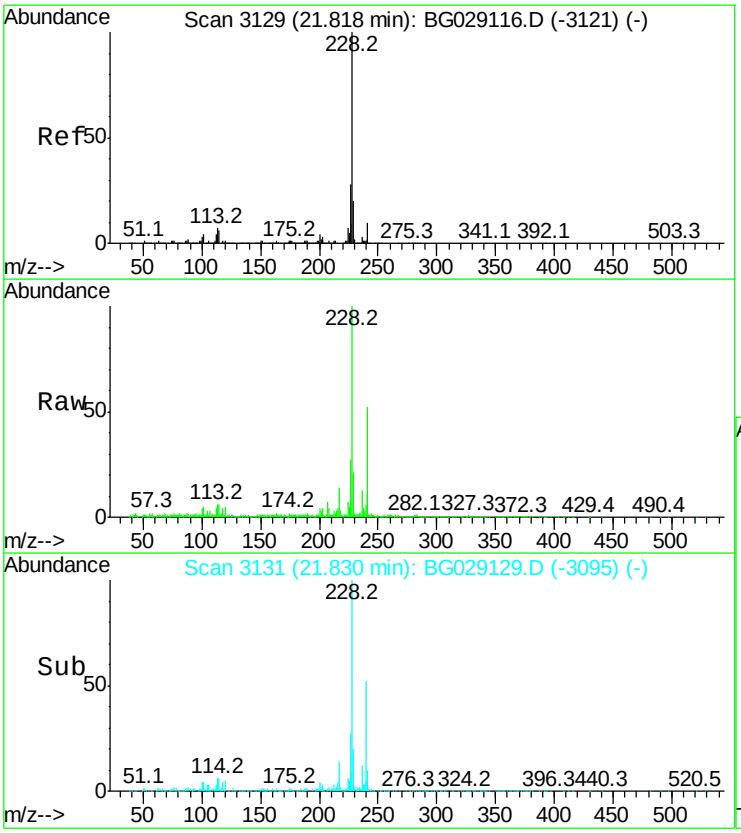
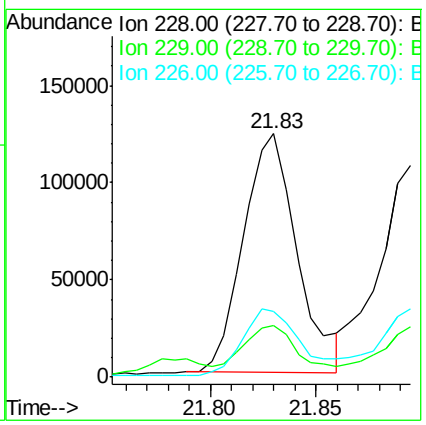
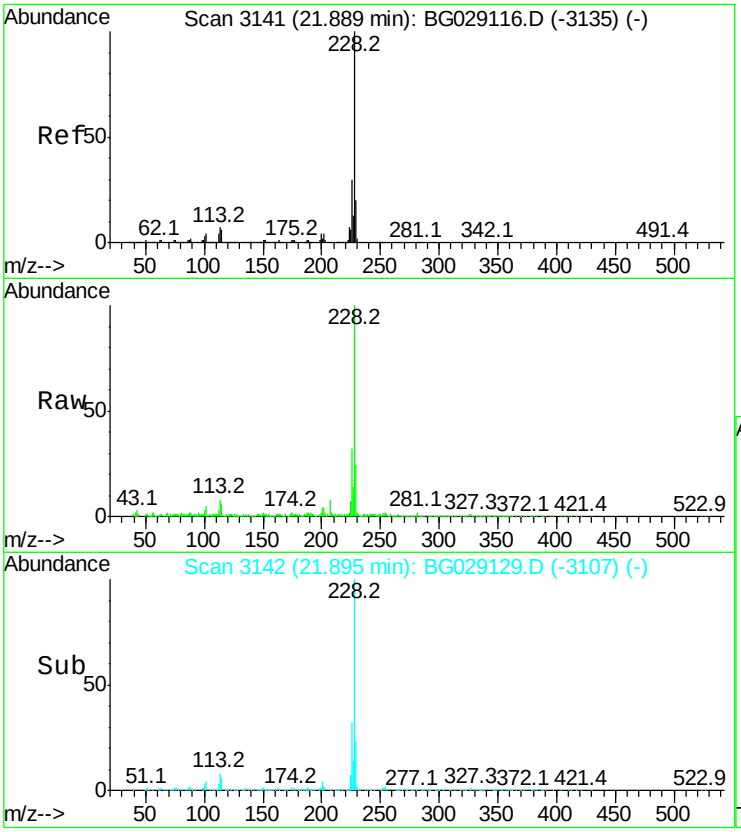


#20
Benzo(a)anthracene
Concen: 8.941 ng/ul
RT: 21.83 min Scan# 3131
Delta R.T. 0.01 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:228 Resp: 216433

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	27.1	21.1	31.7

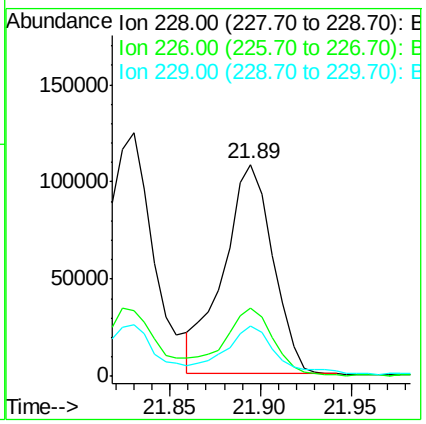




#21
Chrysene
Concen: 9.252 ng/ul
RT: 21.89 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:228 Resp: 205080

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.5	36.7
229	23.6	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
DAHA7

Manual Integrations APPROVED
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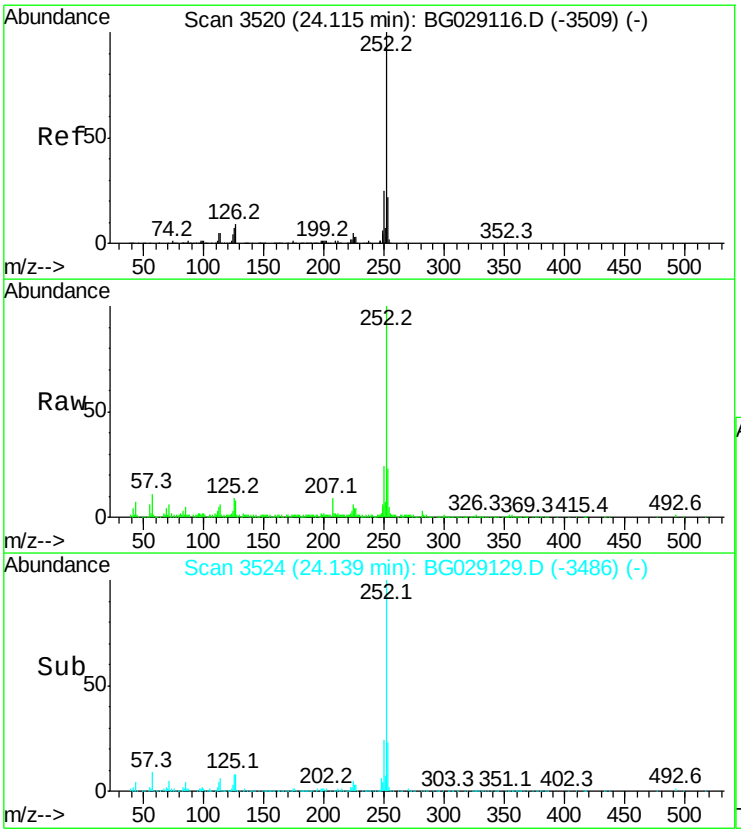
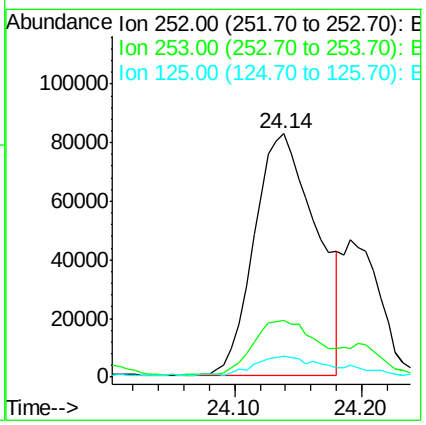
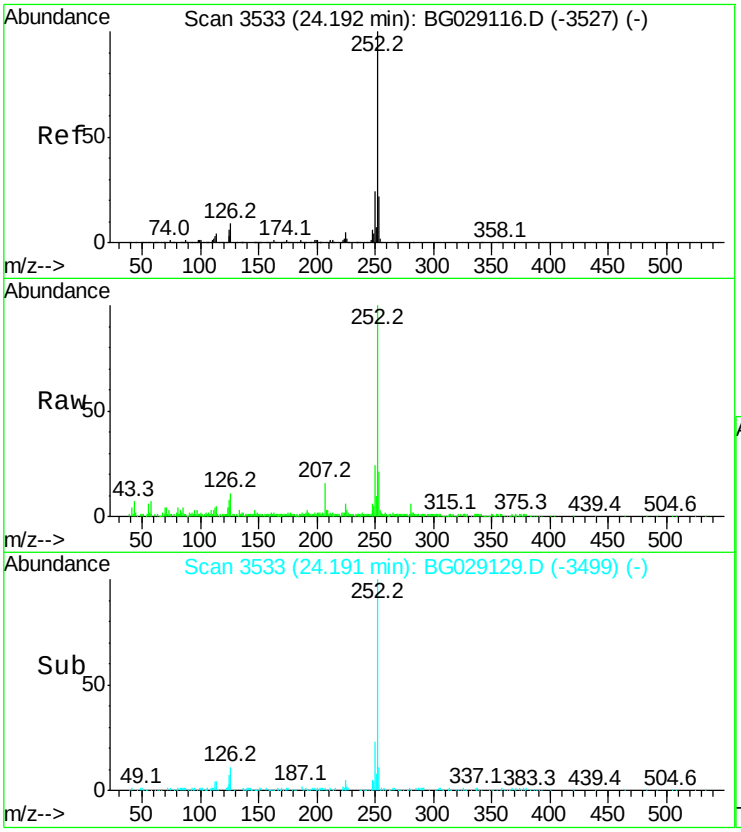


#23
Benzo(b)fluoranthene
Concen: 10.876 ng/ul
RT: 24.14 min Scan# 3524
Delta R.T. 0.02 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:252 Resp: 282922

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	8.5	8.0	12.0

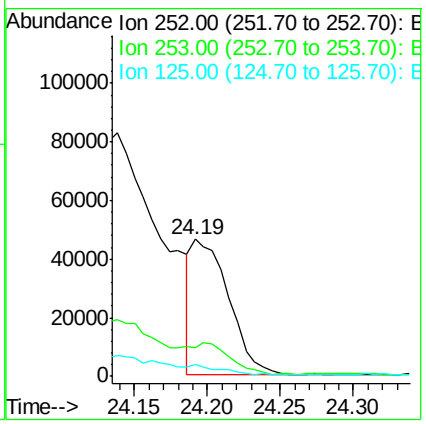




#24
Benzo(k)fluoranthene
Concen: 3.208 ng/ul m
RT: 24.19 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:252 Resp: 81442

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	8.4	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
DAHA7

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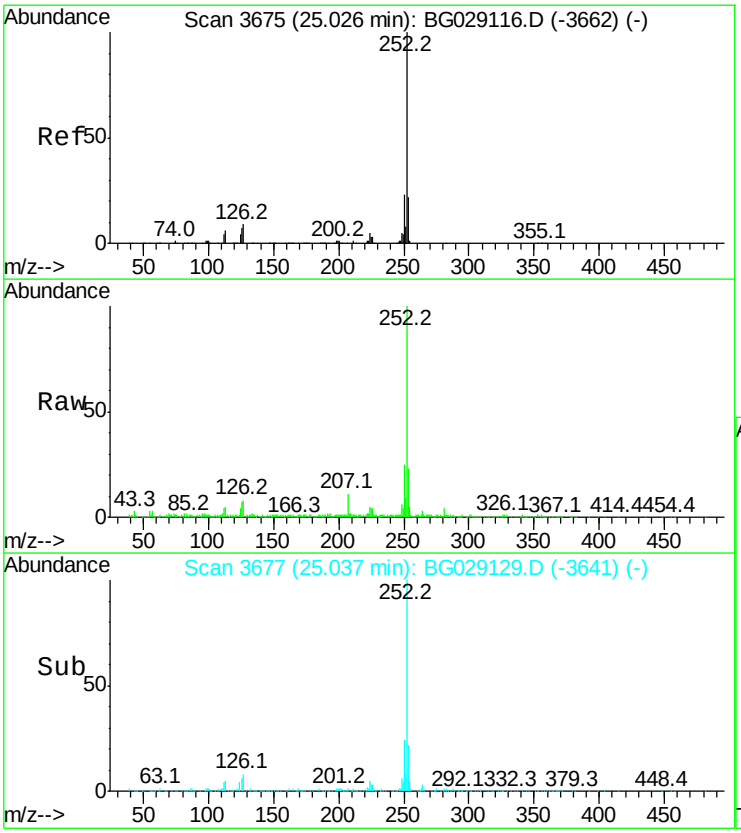
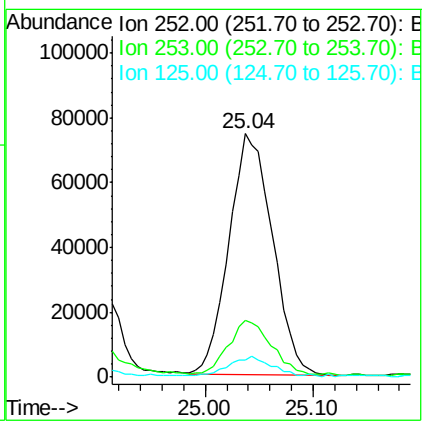
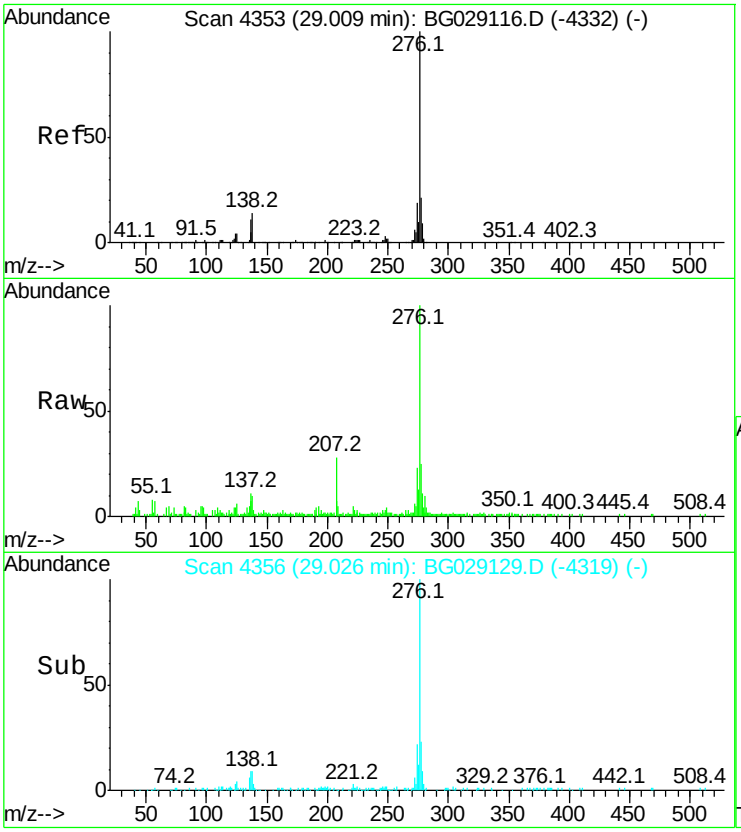


#26
Benzo(a)pyrene
Concen: 8.185 ng/ul m
RT: 25.04 min Scan# 3677
Delta R.T. 0.01 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:252 Resp: 206802

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	7.2	8.2	12.4#

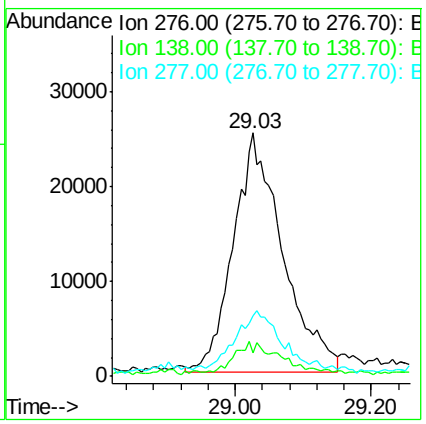




#27
Indeno(1,2,3-cd)pyrene
Concen: 4.440 ng/ul m
RT: 29.03 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:276 Resp: 127311

Ion	Ratio	Lower	Upper
276	100		
138	9.7	14.4	21.6#
277	24.6	18.0	27.0



Instrument :
BNA_G
ClientSampleId :
DAHA7

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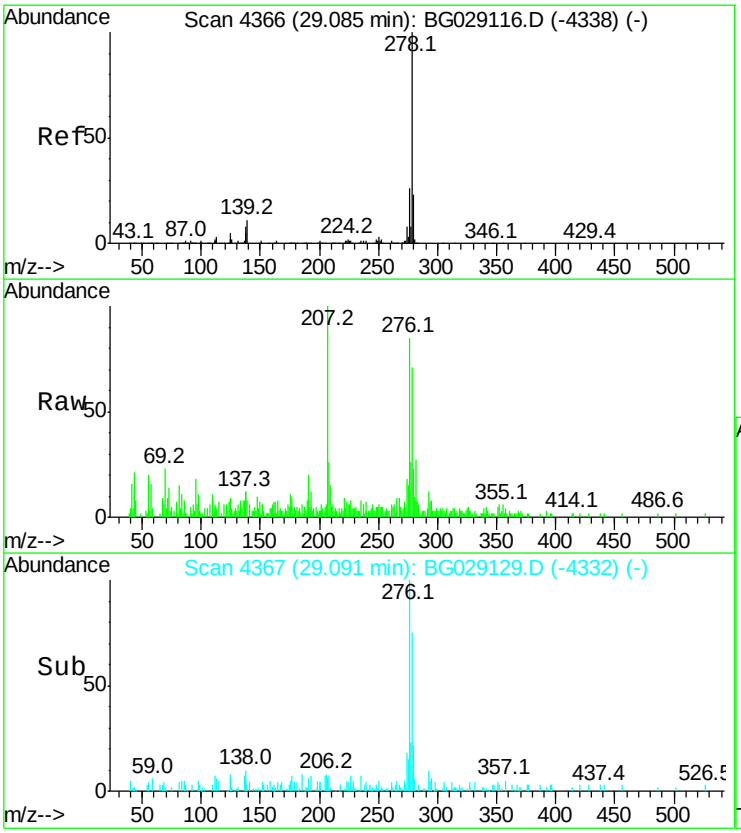
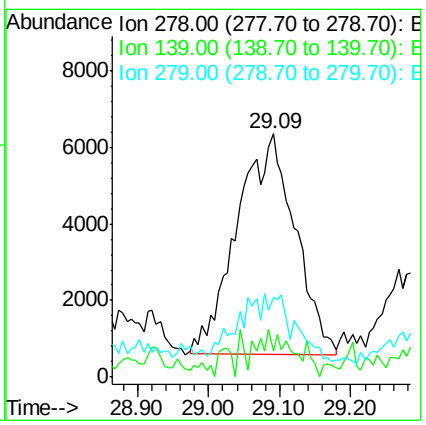
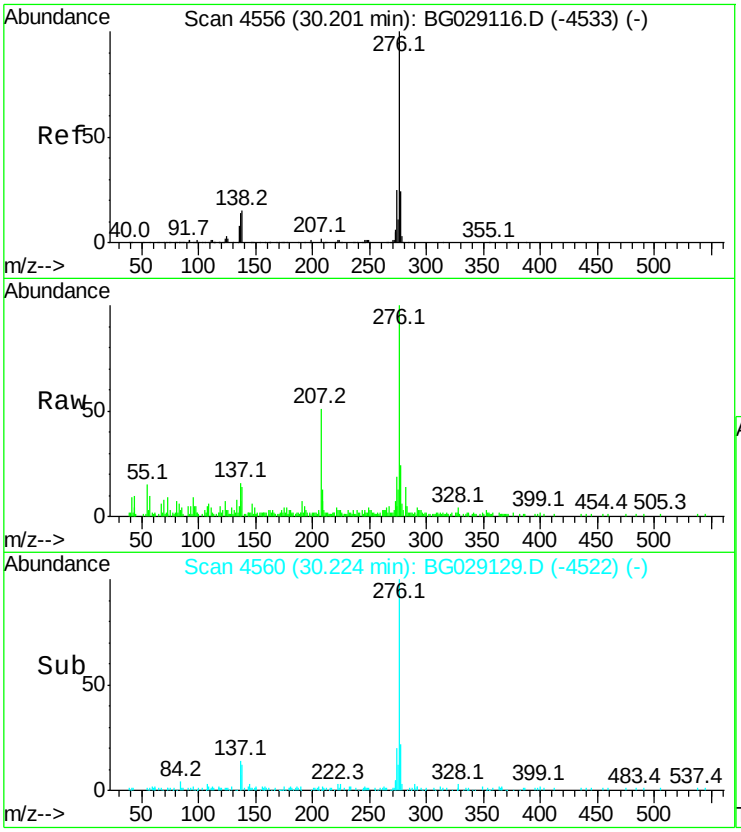


#28
Dibenzo(a,h)anthracene
Concen: 1.375 ng/ul m
RT: 29.09 min Scan# 4367
Delta R.T. 0.01 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:278 Resp: 32657

Ion	Ratio	Lower	Upper
278	100		
139	10.8	12.2	18.4#
279	32.7	19.2	28.8#

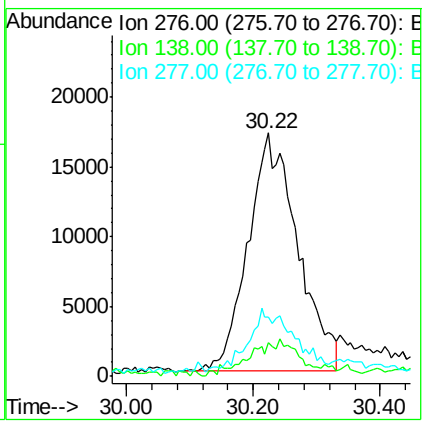




#29
Benzo(g,h,i)perylene
Concen: 3.925 ng/ul
RT: 30.22 min Scan# 4560
Delta R.T. 0.02 min
Lab File: BG029129.D
Acq: 10 Oct 2017 5:18

Tgt Ion:276 Resp: 92814

Ion	Ratio	Lower	Upper
276	100		
138	14.0	15.3	22.9#
277	24.2	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
DAHA7

Manual Integrations APPROVED
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10/10/2017 5:04:09 PM