Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029125.D
Acq On : 10 Oct 2017 2:38
Operator : SJ/JU
Sample : I5577-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAH84

Manual Integrations APPROVED
Sohil
10/10/2017 5:03:59 PM

Quant Time: Oct 10 07:02:56 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	57882	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	248269	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	165985	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	379213	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	393085	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	410780	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	406922	23.57	ng/ul	0.00
10) Fluorene-d10	15.82	176	308646	24.65	ng/ul	0.00
14) Anthracene-d10	17.67	188	438043	23.85	ng/ul	0.00
18) Pyrene-d10	19.94	212	517162	25.72	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.97	264	484664	24.63	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.09	128	20332	1.573	ng/ul	99
9) Acenaphthene	14.89	153	27945	2.471	ng/ul	94
11) Fluorene	15.87	166	41788	3.157	ng/ul	89
13) Phenanthrene	17.61	178	805958	39.846	ng/ul	96
15) Anthracene	17.70	178	207542	10.029	ng/ul	99
16) Fluoranthene	19.60	202	1214748	51.231	ng/ul#	90
19) Pyrene	19.97	202	940814	38.396	ng/ul#	92
20) Benzo(a)anthracene	21.83	228	520781	22.496	ng/ul	96
21) Chrysene	21.90	228	488096	23.026	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	681938m	27.750	ng/ul	
24) Benzo(k)fluoranthene	24.20	252	202347	8.437	ng/ul	96
26) Benzo(a)pyrene	25.05	252	434708m	18.212	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.03	276	292677m	10.804	ng/ul	
28) Dibenzo(a,h)anthracene	29.10	278	67194	2.996	ng/ul#	86
29) Benzo(g,h,i)perylene	30.23	276	246849	11.050	ng/ul#	91

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

Quantitation Report (QT Reviewed)

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ClientSampleId :
DAH84

Manual Integrations APPROVED
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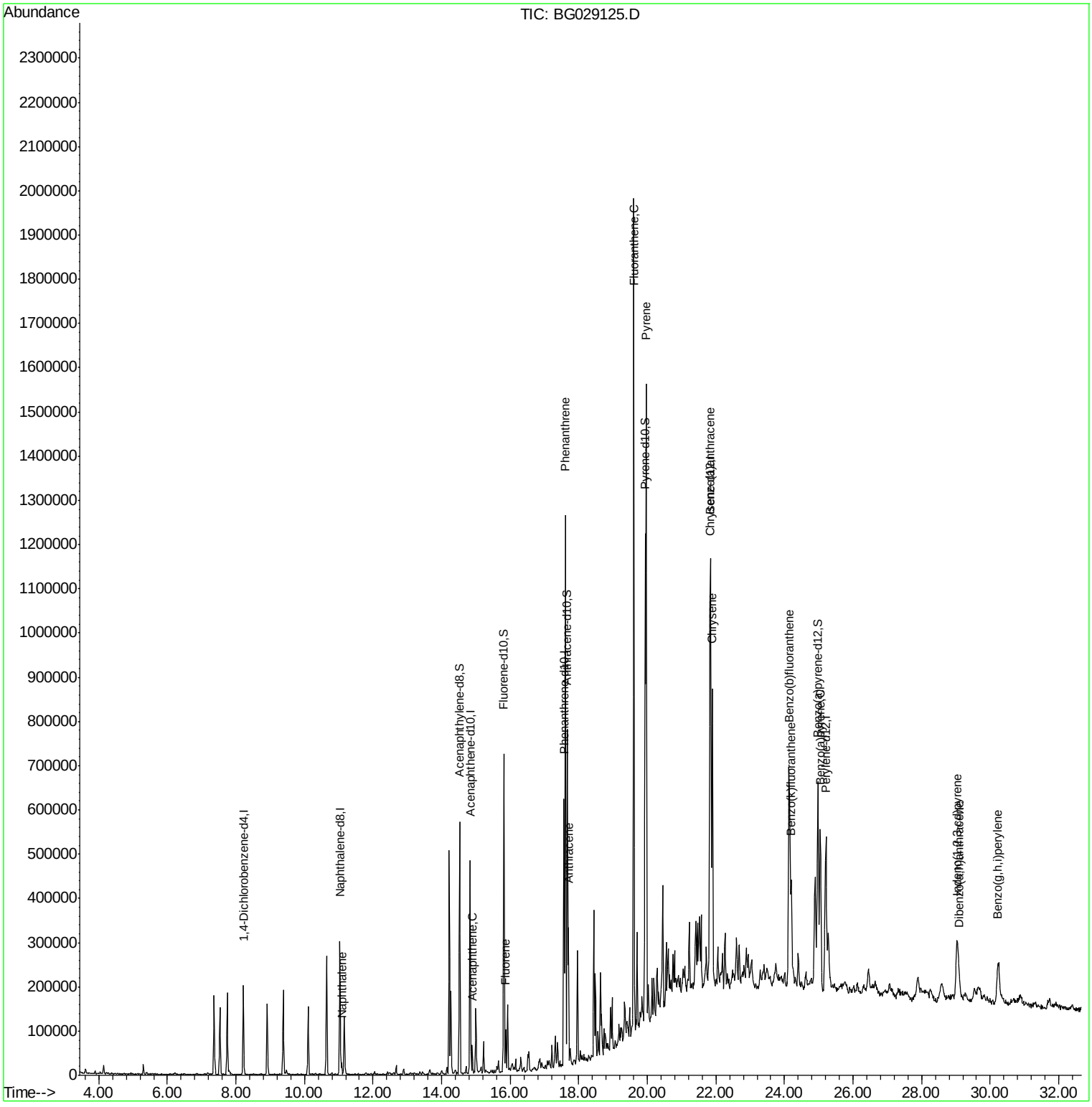
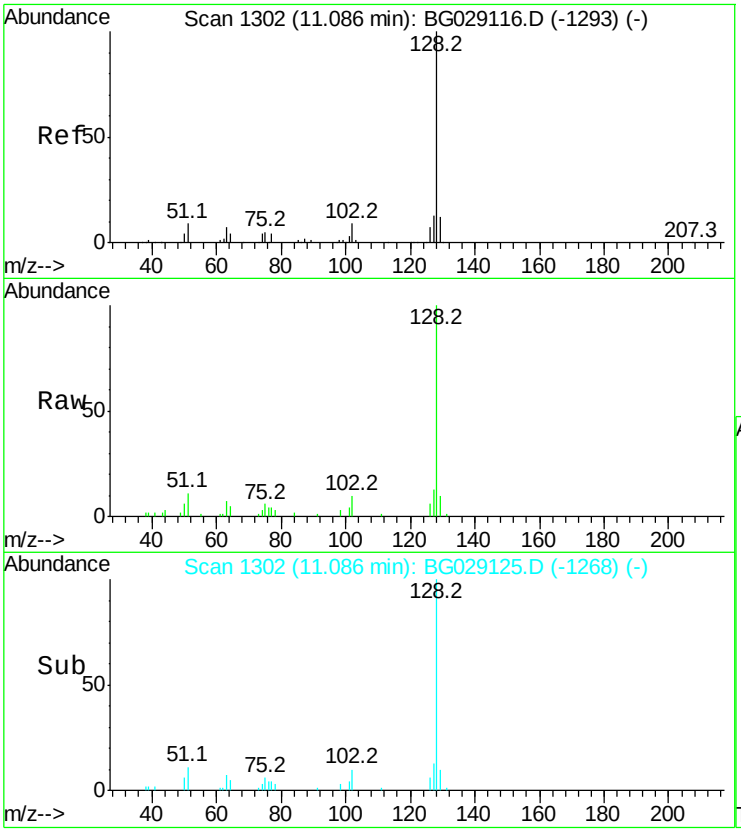
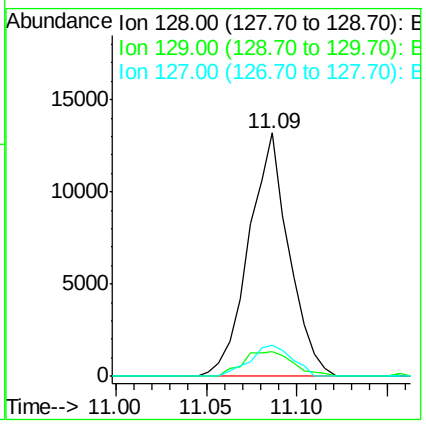




#3
Naphthalene
Concen: 1.573 ng/ul
RT: 11.09 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:128 Resp: 20332

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	12.8	10.6	16.0



Instrument :
BNA_G
ClientSampleId :
DAH84

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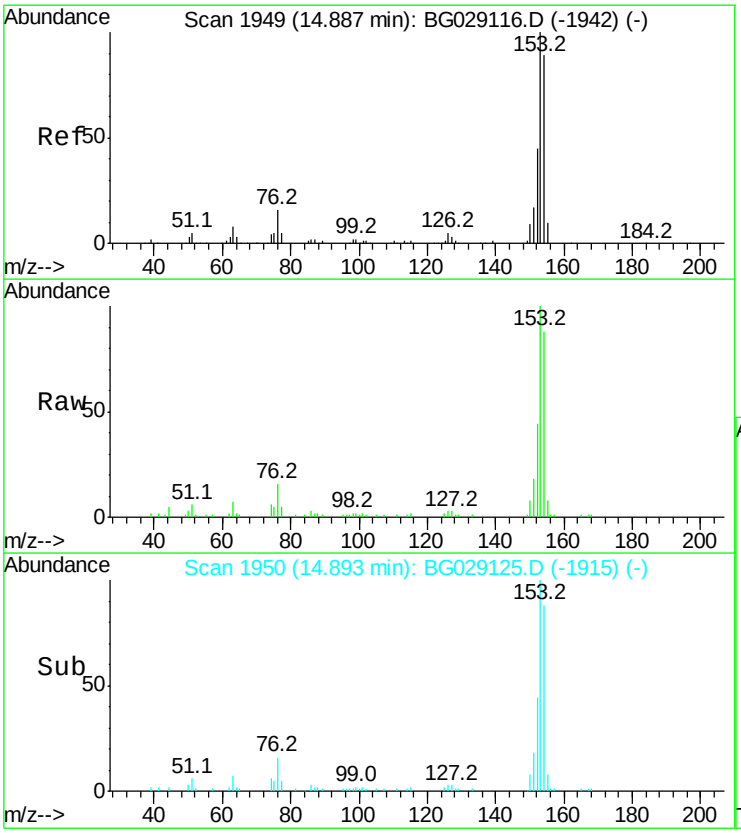
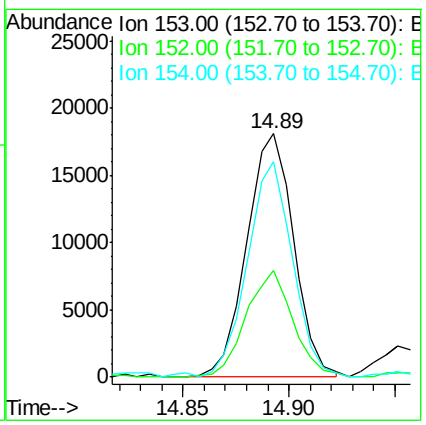
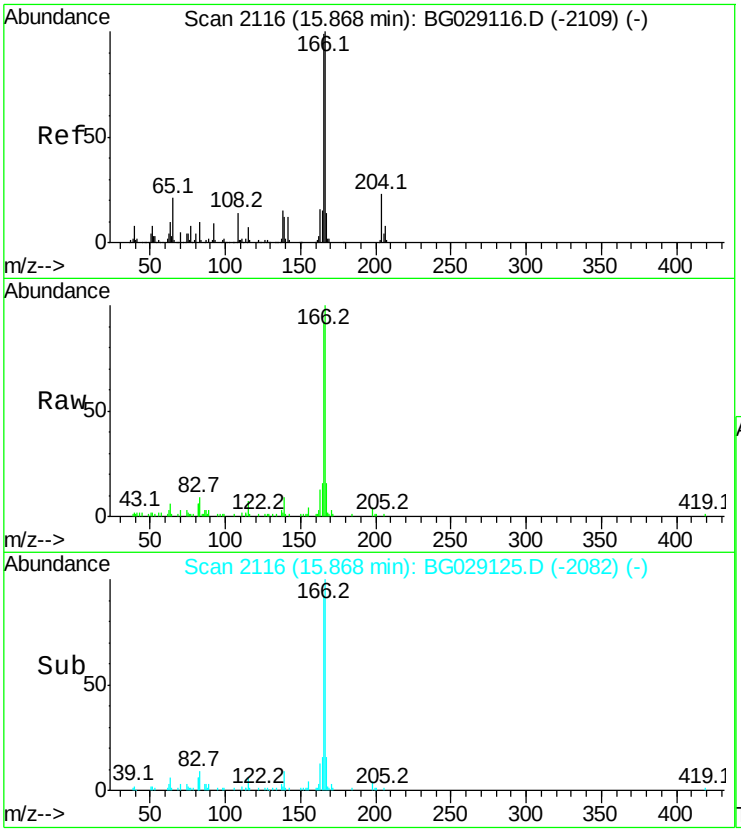


#9
Acenaphthene
Concen: 2.471 ng/ul
RT: 14.89 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:153 Resp: 27945

Ion	Ratio	Lower	Upper
153	100		
152	43.7	39.0	58.6
154	88.4	66.8	100.2

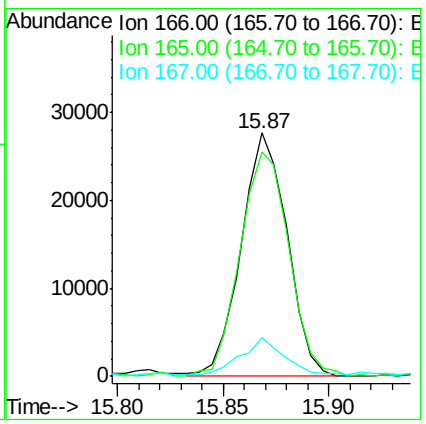




#11
Fluorene
Concen: 3.157 ng/ul
RT: 15.87 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:166 Resp: 41788

Ion	Ratio	Lower	Upper
166	100		
165	92.0	83.8	125.8
167	15.7	11.5	17.3



Instrument :
BNA_G
ClientSampleId :
DAH84

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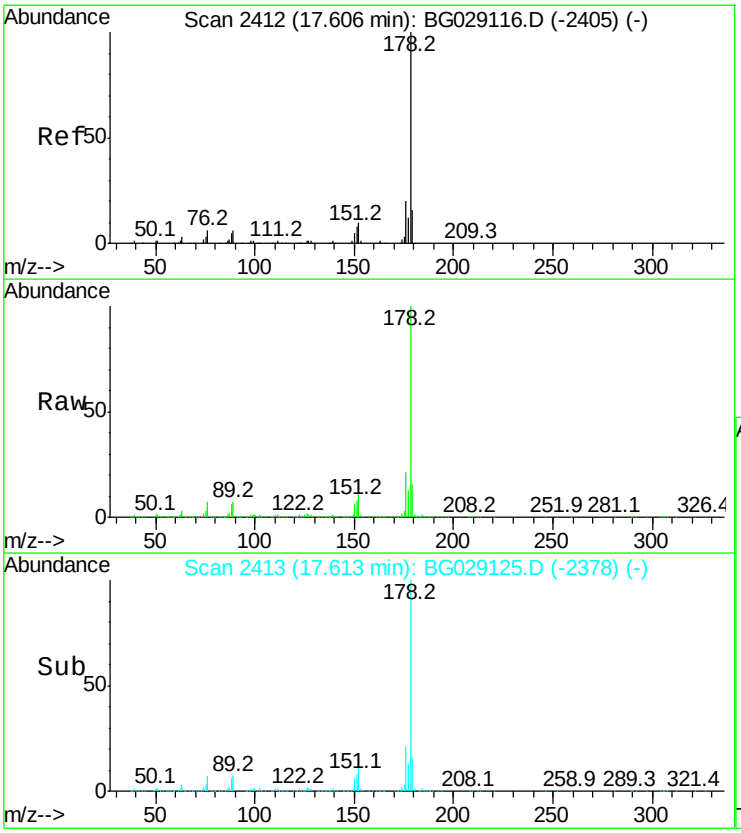
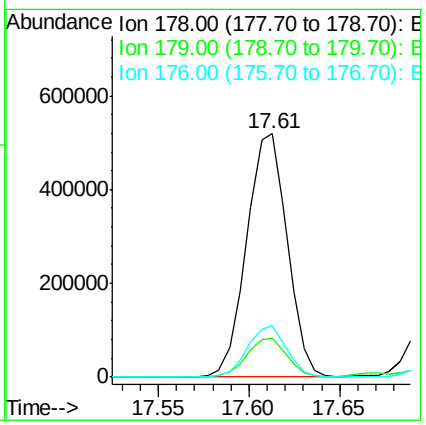
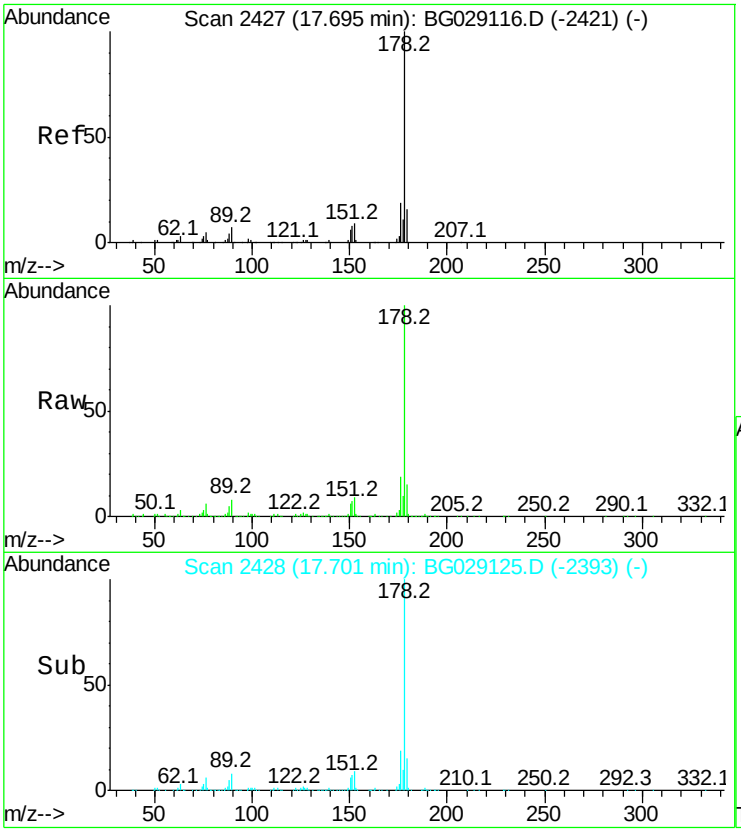


#13
Phenanthrene
Concen: 39.846 ng/ul
RT: 17.61 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:178 Resp: 805958

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	21.4	15.1	22.7

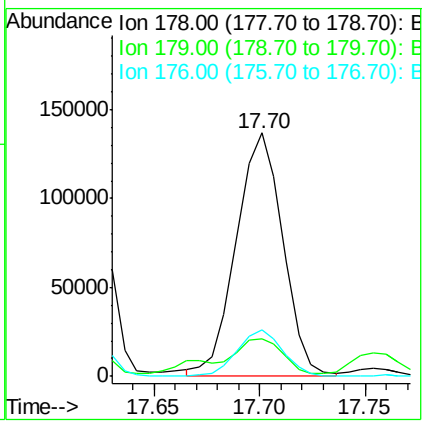




#15
Anthracene
Concen: 10.029 ng/ul
RT: 17.70 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:178 Resp: 207542

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.1	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
DAH84

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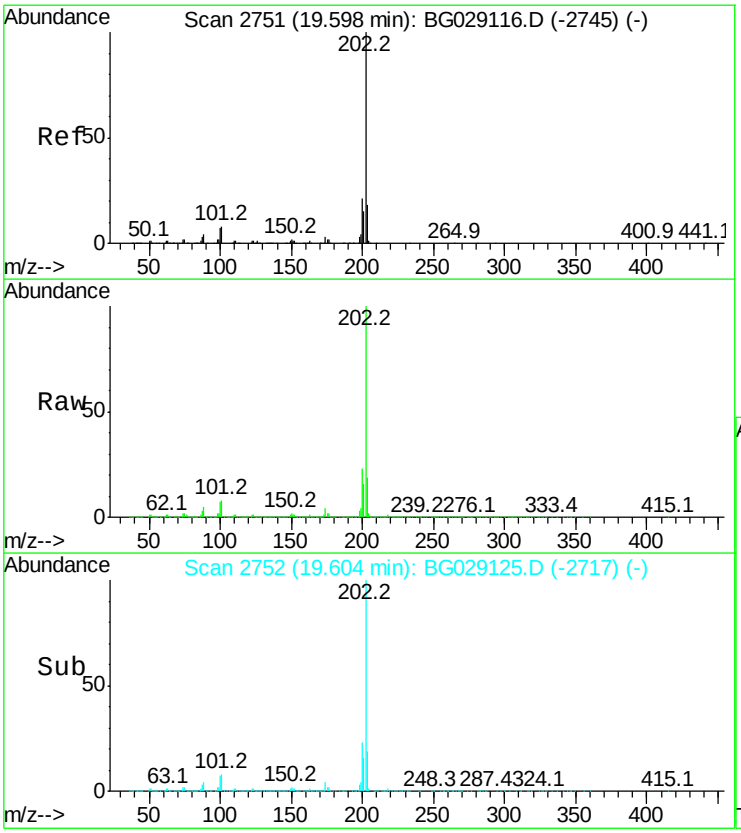
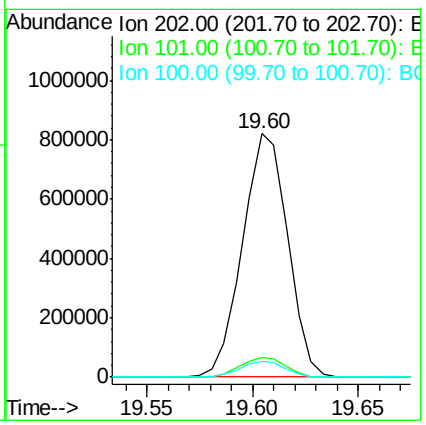
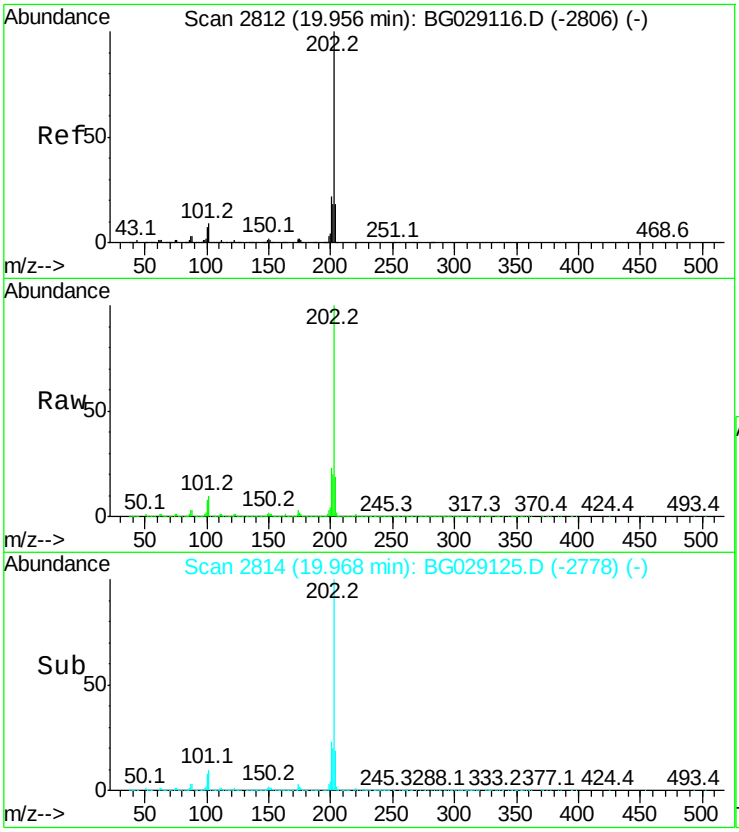


#16
Fluoranthene
Concen: 51.231 ng/ul
RT: 19.60 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:202 Resp: 1214748

Ion	Ratio	Lower	Upper
202	100		
101	7.8	9.9	14.9#
100	6.6	7.4	11.0#





#19
Pyrene
Concen: 38.396 ng/ul
RT: 19.97 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:202 Resp: 940814

Ion	Ratio	Lower	Upper
202	100		
101	9.6	11.0	16.4#
100	8.0	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAH84

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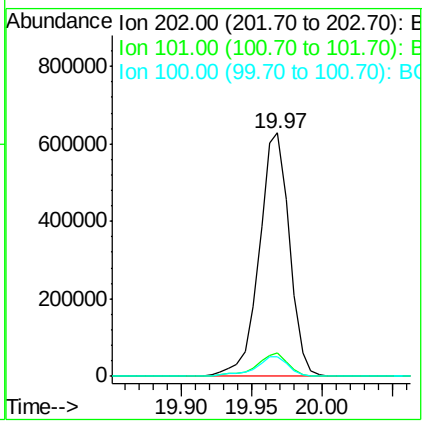
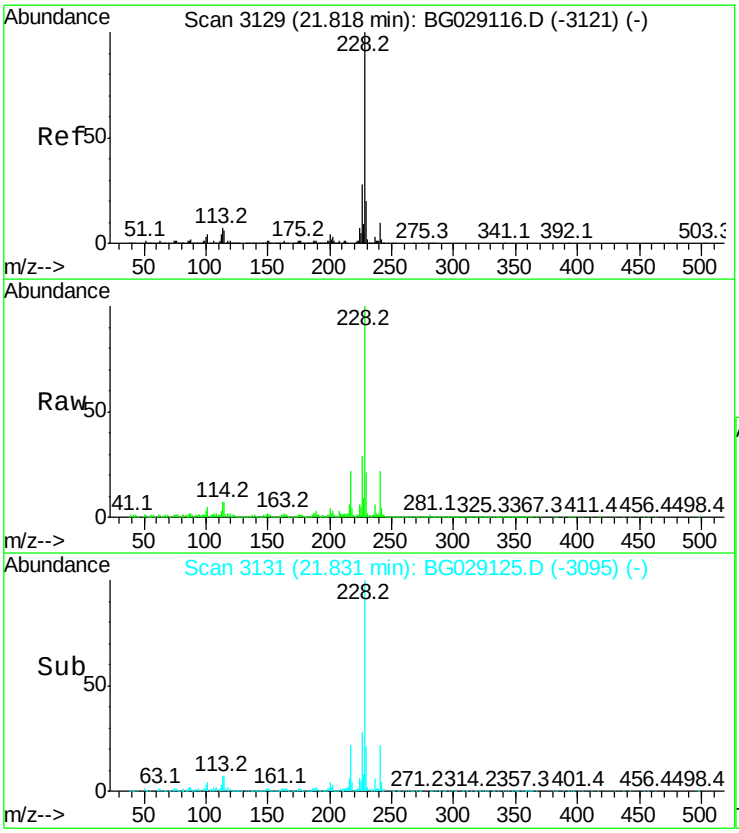
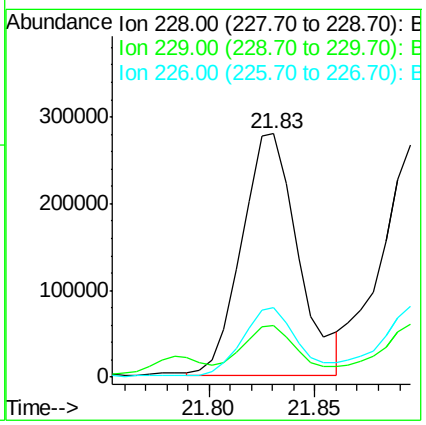


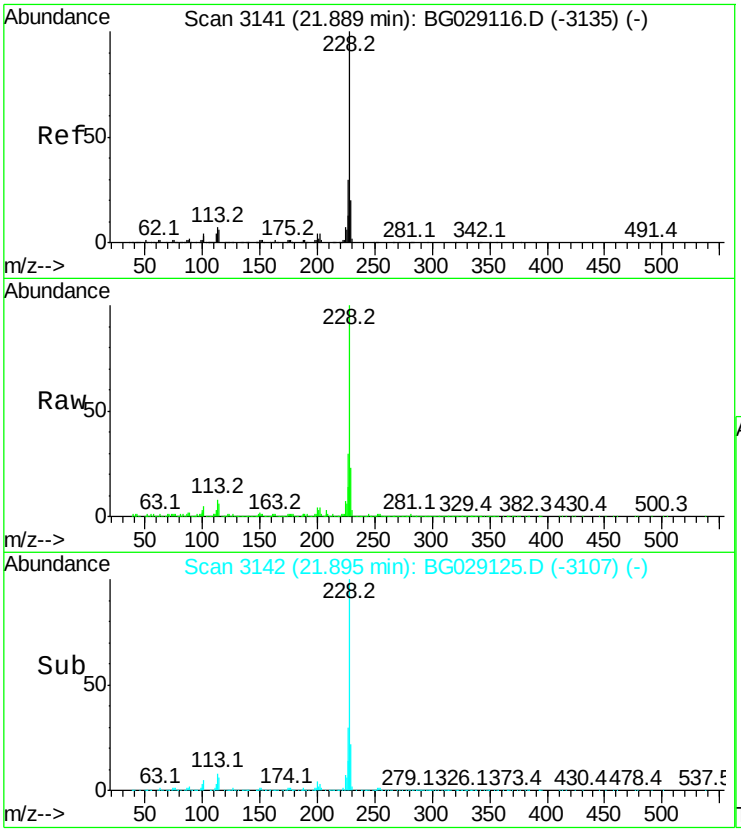


#20
Benzo(a)anthracene
Concen: 22.496 ng/ul
RT: 21.83 min Scan# 3131
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:228 Resp: 520781

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	28.7	21.1	31.7

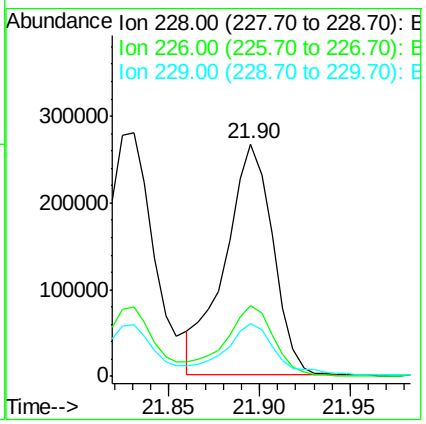




#21
Chrysene
Concen: 23.026 ng/ul
RT: 21.90 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:228 Resp: 488096

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	22.8	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
DAH84

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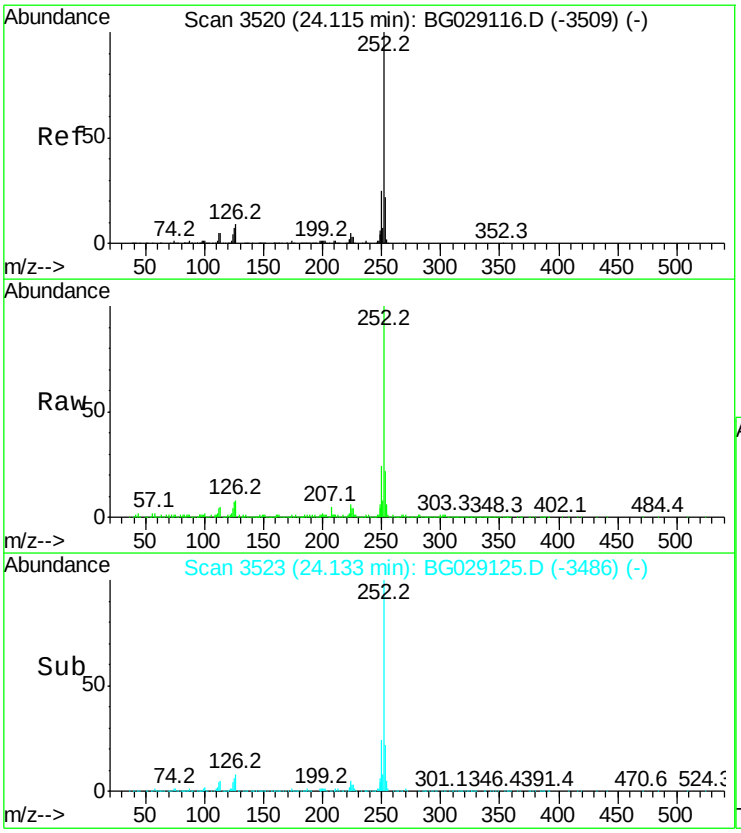
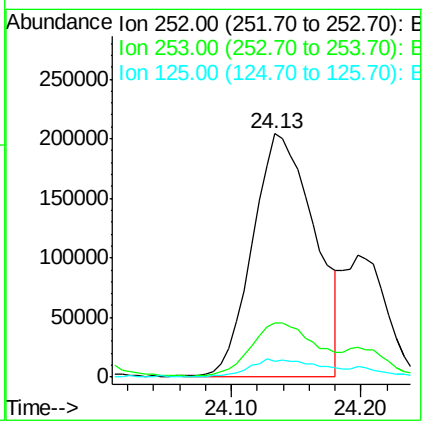
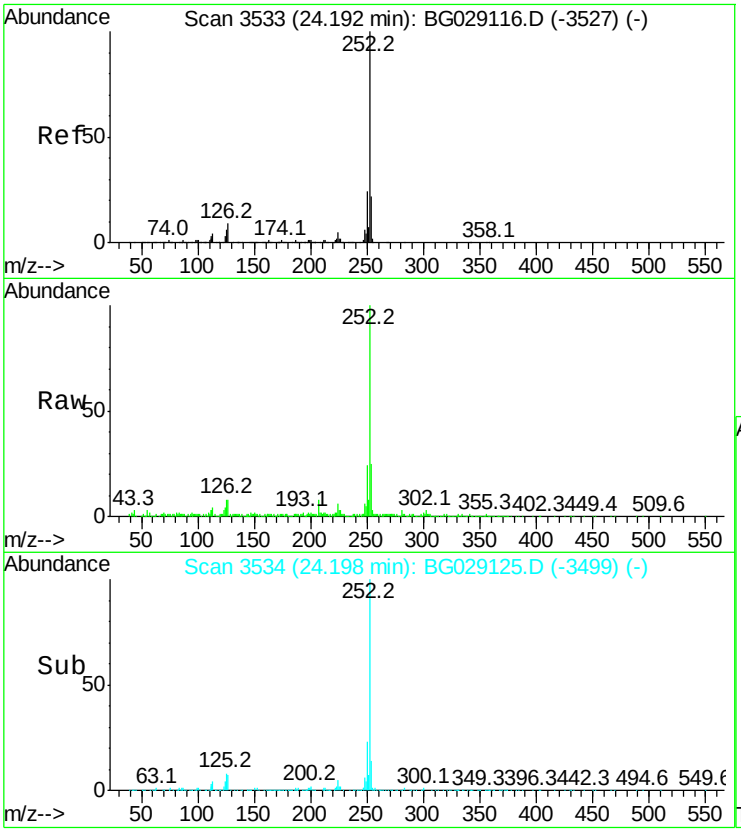


#23
Benzo(b)fluoranthene
Concen: 27.750 ng/ul m
RT: 24.13 min Scan# 3523
Delta R.T. 0.02 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:252 Resp: 681938

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	6.6	8.0	12.0#

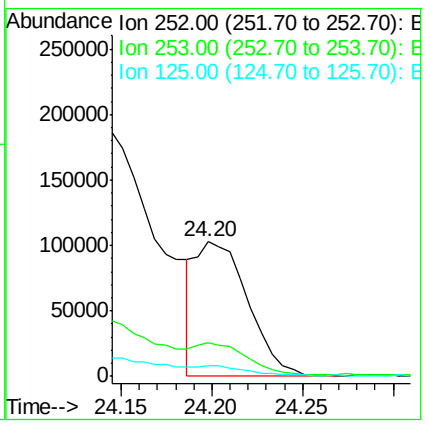




#24
Benzo(k)fluoranthene
Concen: 8.437 ng/ul
RT: 24.20 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:252 Resp: 202347

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	8.4	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
DAH84

Manual Integrations APPROVED
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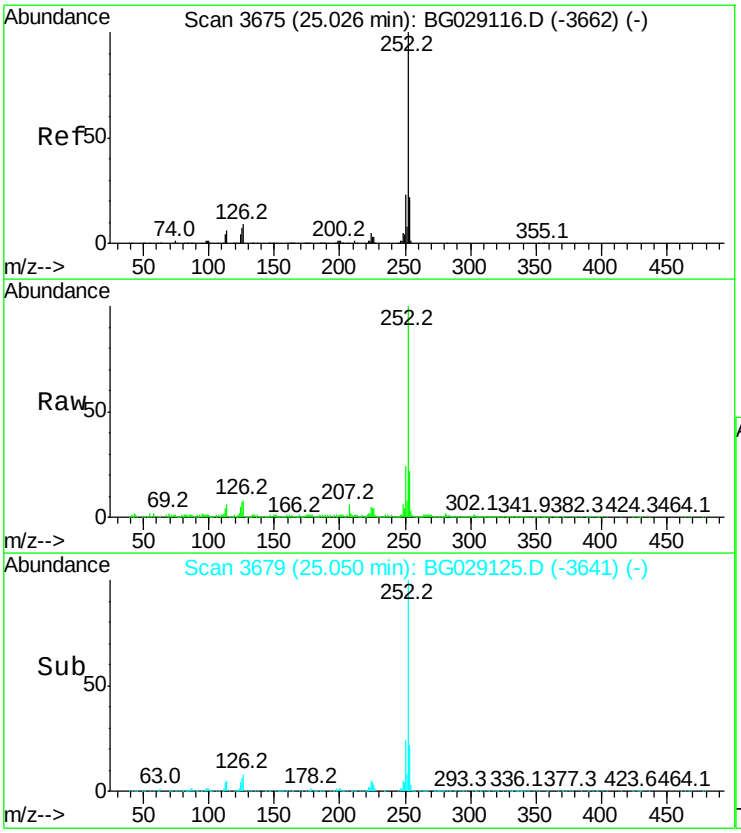
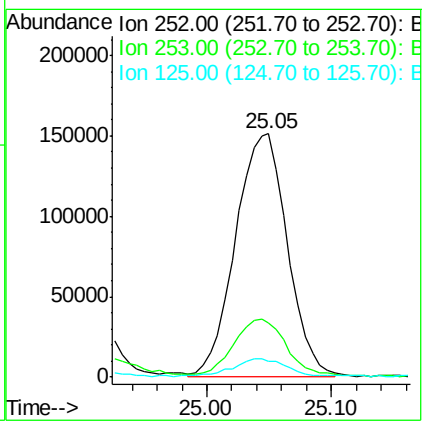
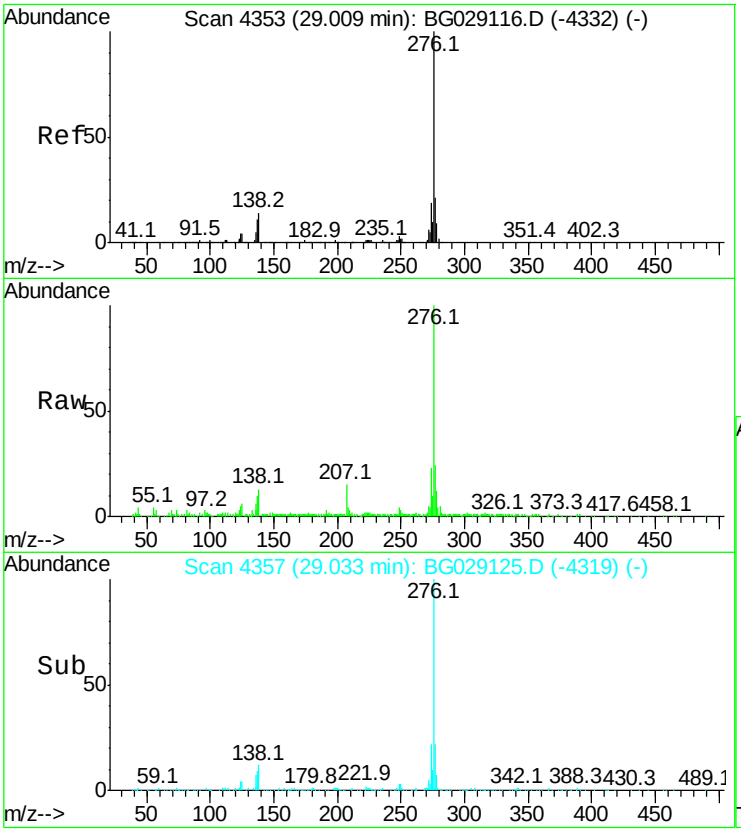


#26
Benzo(a)pyrene
Concen: 18.212 ng/ul m
RT: 25.05 min Scan# 3679
Delta R.T. 0.02 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:252 Resp: 434708

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	6.7	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 10.804 ng/ul m
RT: 29.03 min Scan# 4357
Delta R.T. 0.02 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:276 Resp: 292677

Ion	Ratio	Lower	Upper
276	100		
138	12.6	14.4	21.6#
277	24.1	18.0	27.0

Instrument :
BNA_G
ClientSampleId :
DAH84

Manual Integrations APPROVED
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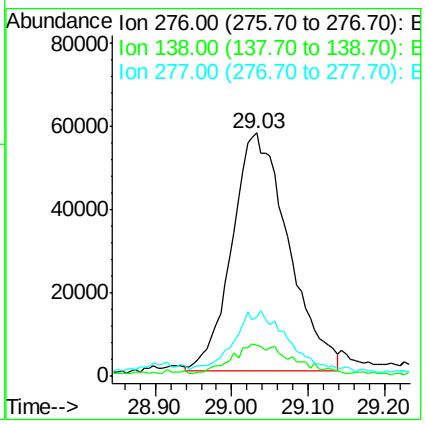
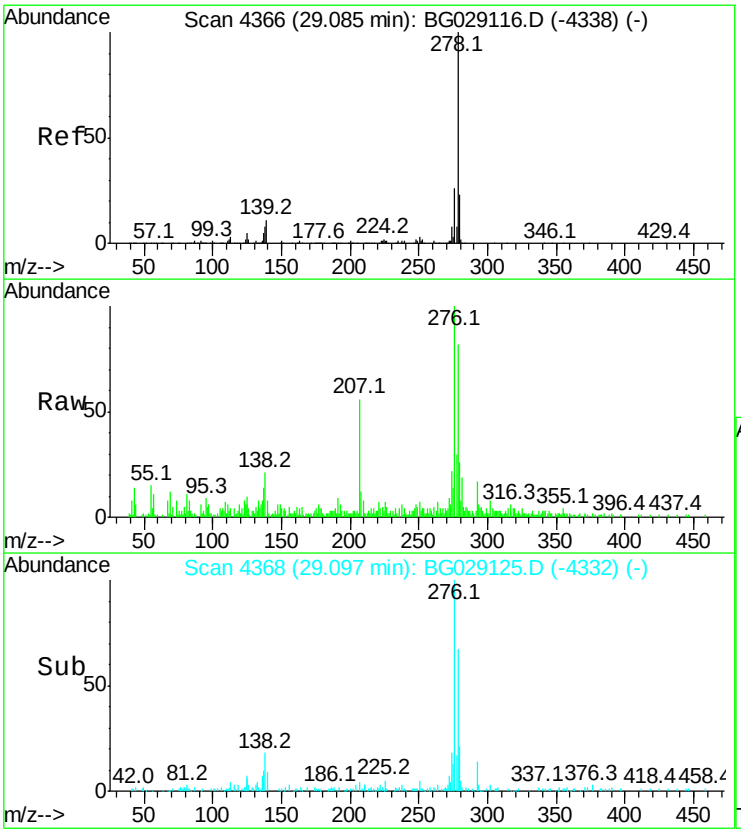
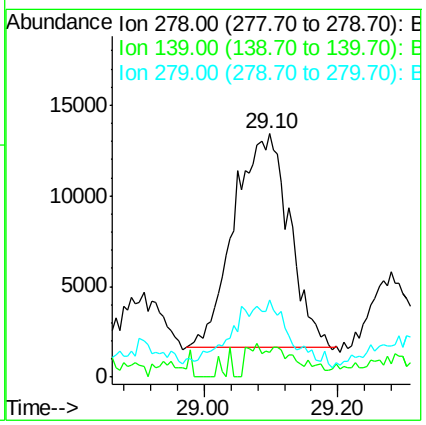


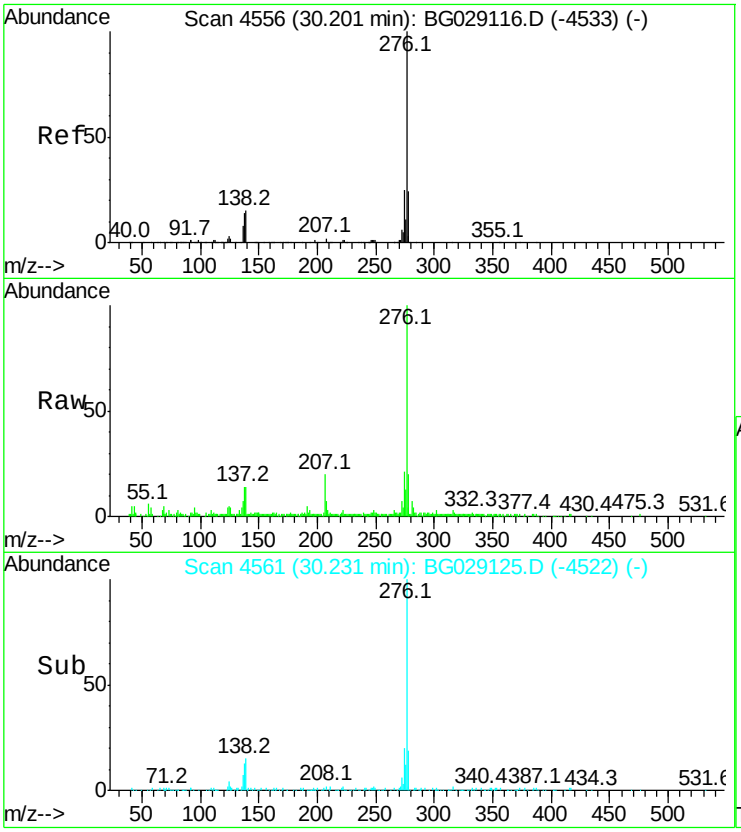


#28
Dibenzo(a,h)anthracene
Concen: 2.996 ng/ul
RT: 29.10 min Scan# 4368
Delta R.T. 0.01 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:278 Resp: 67194

Ion	Ratio	Lower	Upper
278	100		
139	10.1	12.2	18.4#
279	31.6	19.2	28.8#

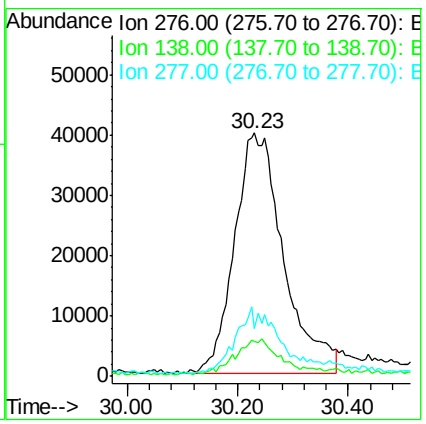




#29
Benzo(g,h,i)perylene
Concen: 11.050 ng/ul
RT: 30.23 min Scan# 4561
Delta R.T. 0.03 min
Lab File: BG029125.D
Acq: 10 Oct 2017 2:38

Tgt Ion:276 Resp: 246849

Ion	Ratio	Lower	Upper
276	100		
138	14.4	15.3	22.9#
277	19.9	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
DAH84

Manual Integrations APPROVED
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10/10/2017 5:03:59 PM