Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100717\
Data File : BG029089.D
Acq On : 8 Oct 2017 19:37
Operator : SJ/JU
Sample : I5578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAGC5

Manual Integrations APPROVED
Sohil
10/9/2017 6:50:37 PM

Quant Time: Oct 09 07:54:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 07:29:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	97883	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	457222	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	297760	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	650247	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	600606	20.00	ng/ul	0.00
22) Perylene-d12	25.17	264	601095	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	857498	27.69	ng/ul	0.00
10) Fluorene-d10	15.81	176	619694	27.59	ng/ul	0.00
14) Anthracene-d10	17.66	188	881452	27.99	ng/ul	0.00
18) Pyrene-d10	19.93	212	944440	30.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	868493	30.16	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.60	178	84434	2.434	ng/ul	97
16) Fluoranthene	19.60	202	228479	5.619	ng/ul	98
19) Pyrene	19.96	202	194071	5.184	ng/ul	97
20) Benzo(a)anthracene	21.82	228	133035	3.761	ng/ul	94
21) Chrysene	21.88	228	134892m	4.165	ng/ul	
23) Benzo(b)fluoranthene	24.12	252	177786	4.944	ng/ul	97
24) Benzo(k)fluoranthene	24.18	252	62531	1.782	ng/ul	96
26) Benzo(a)pyrene	25.02	252	119289	3.415	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	28.98	276	81955	2.067	ng/ul#	92
29) Benzo(g,h,i)perylene	30.18	276	75561	2.312	ng/ul#	93

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

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Instrument :
BNA_G
ClientSampleId :
DAGC5

Manual Integrations APPROVED
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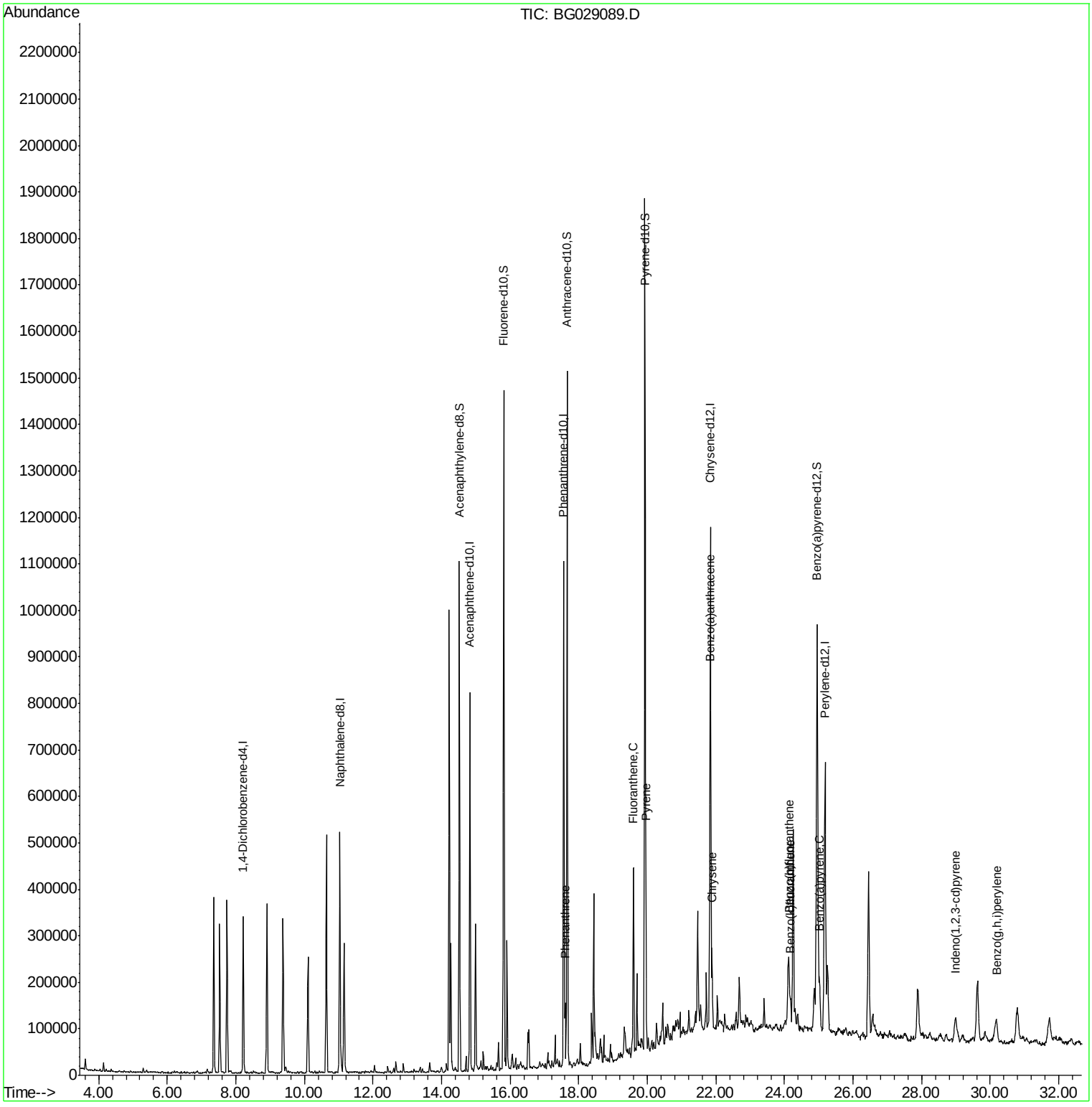
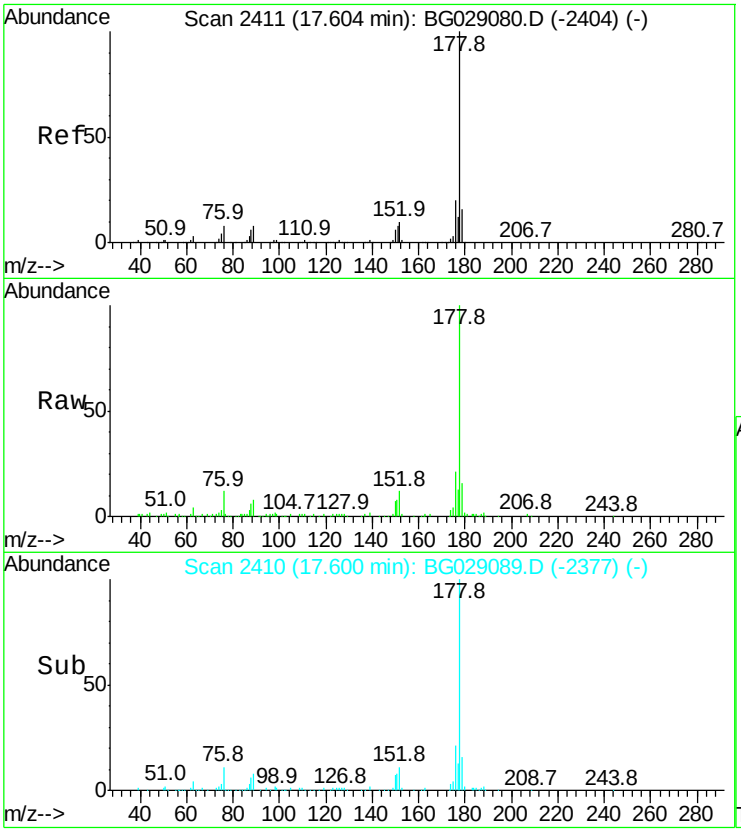
10/9/2017 6:50:37 PM

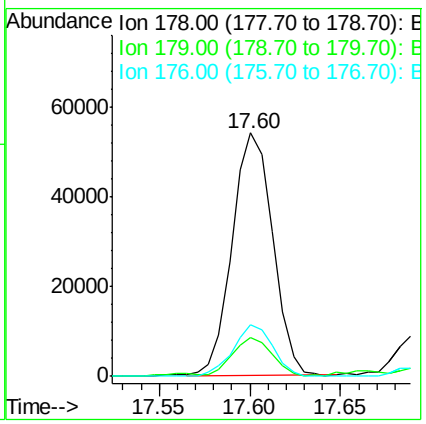




#13
Phenanthrene
Concen: 2.434 ng/ul
RT: 17.60 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:178 Resp: 84434

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	21.1	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DAGC5

Manual Integrations APPROVED
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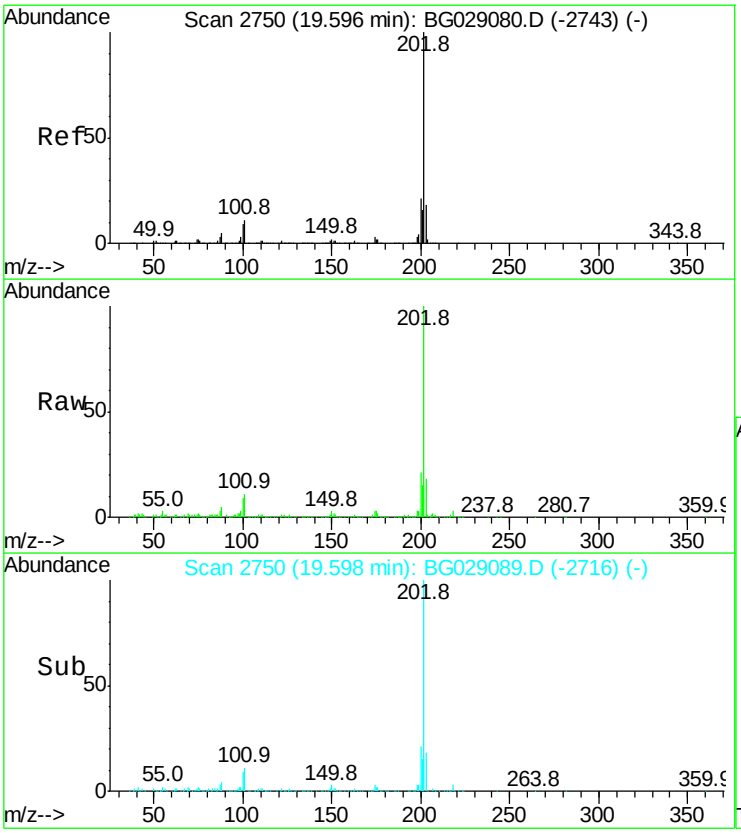
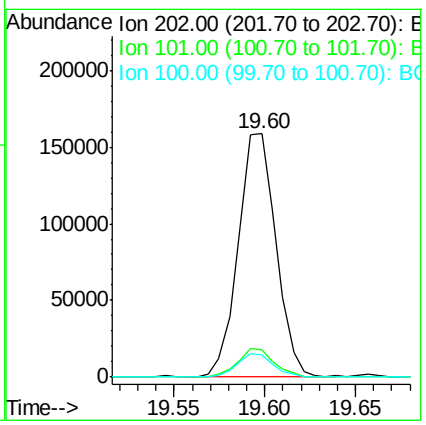
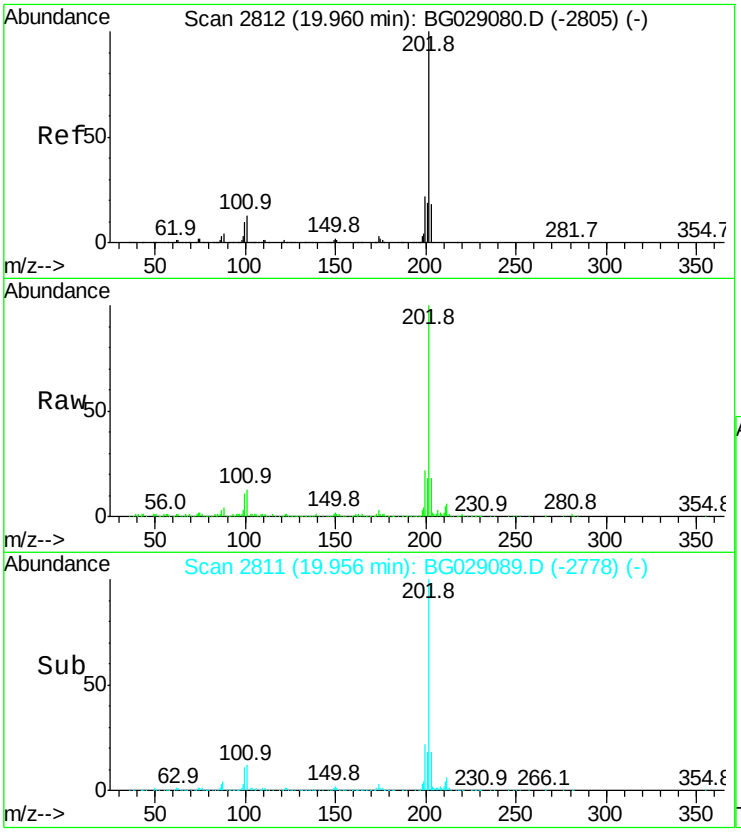


#16
Fluoranthene
Concen: 5.619 ng/ul
RT: 19.60 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:202 Resp: 228479

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.9	14.9
100	9.1	7.4	11.0

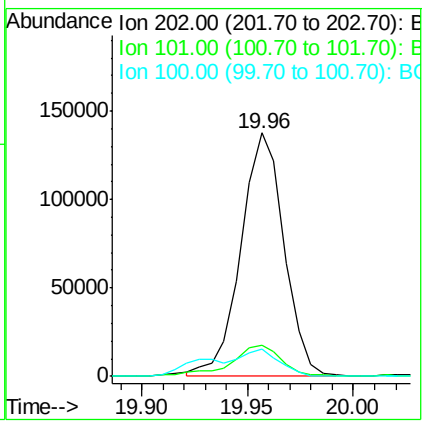




#19
Pyrene
Concen: 5.184 ng/ul
RT: 19.96 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:202 Resp: 194071

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.0	16.4
100	11.2	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
DAGC5

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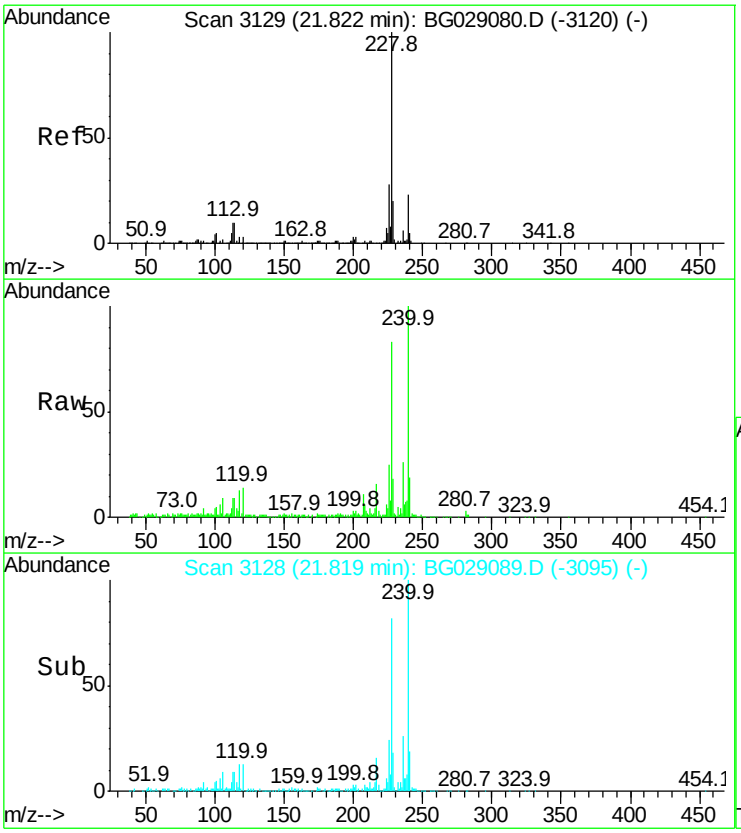
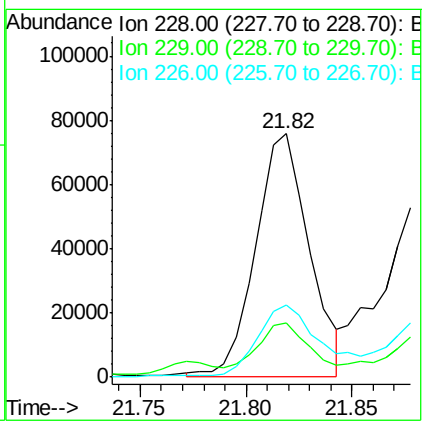
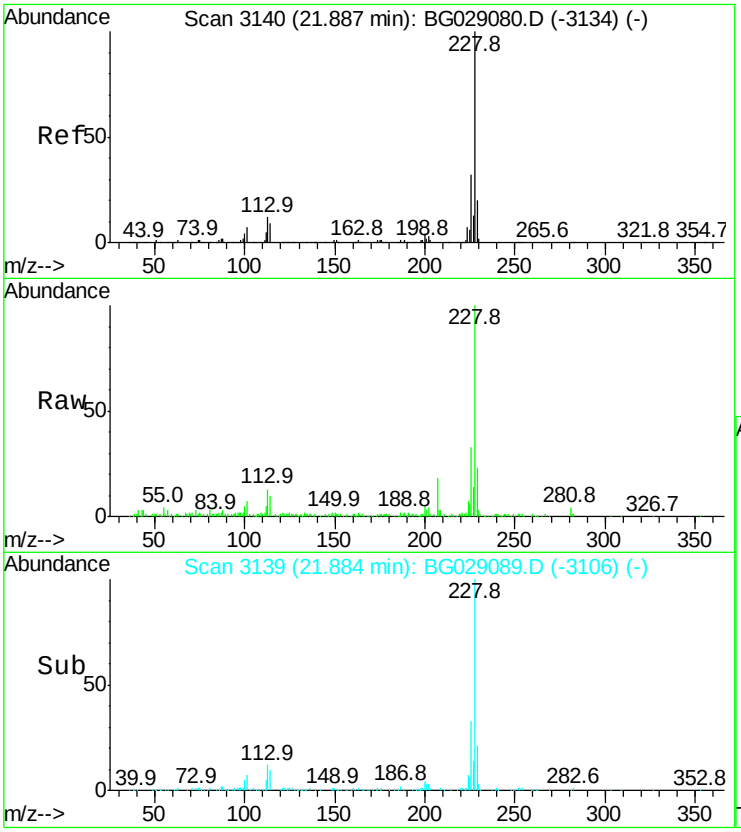


#20
Benzo(a)anthracene
Concen: 3.761 ng/ul
RT: 21.82 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:228 Resp: 133035

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	29.8	21.1	31.7

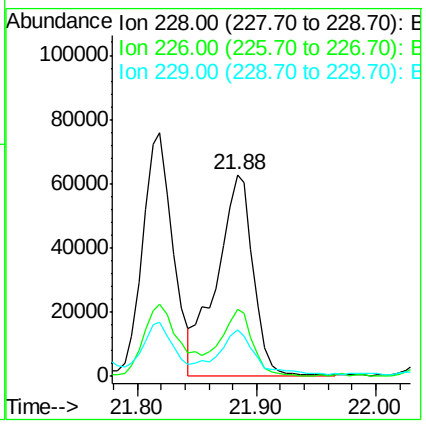




#21
Chrysene
Concen: 4.165 ng/ul m
RT: 21.88 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:228 Resp: 134892

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.5	36.7
229	22.8	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
DAGC5

Manual Integrations APPROVED
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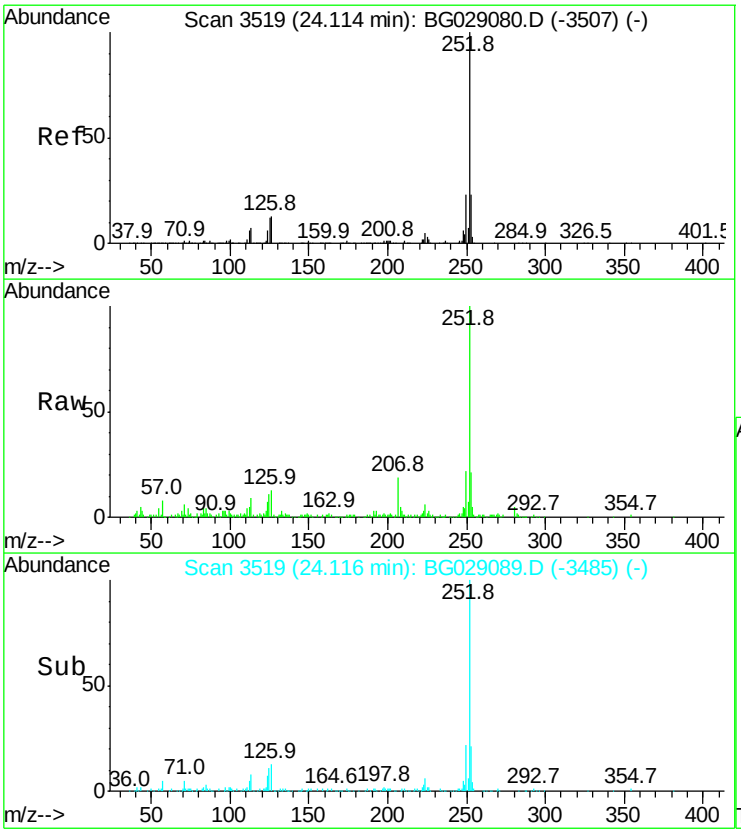
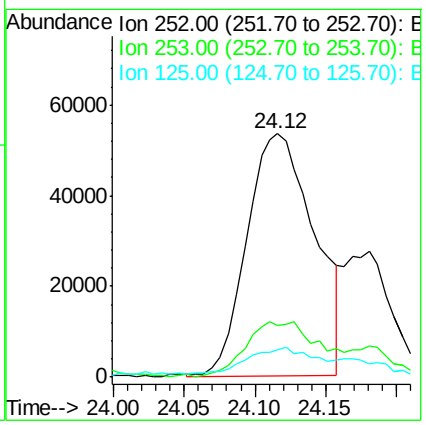
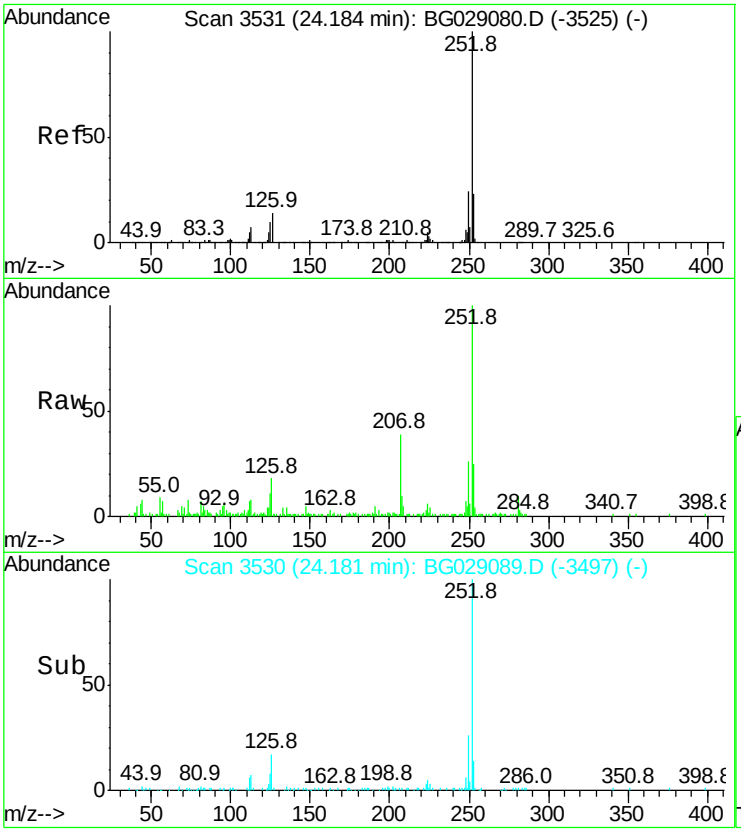


#23
Benzo(b)fluoranthene
Concen: 4.944 ng/ul
RT: 24.12 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:252 Resp: 177786

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	11.2	8.0	12.0

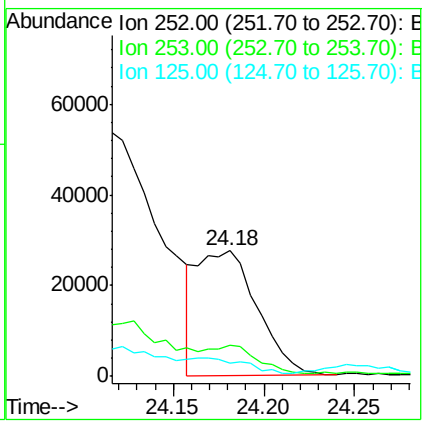




#24
Benzo(k)fluoranthene
Concen: 1.782 ng/ul
RT: 24.18 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:252 Resp: 62531

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	10.7	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
DAGC5

Manual Integrations APPROVED
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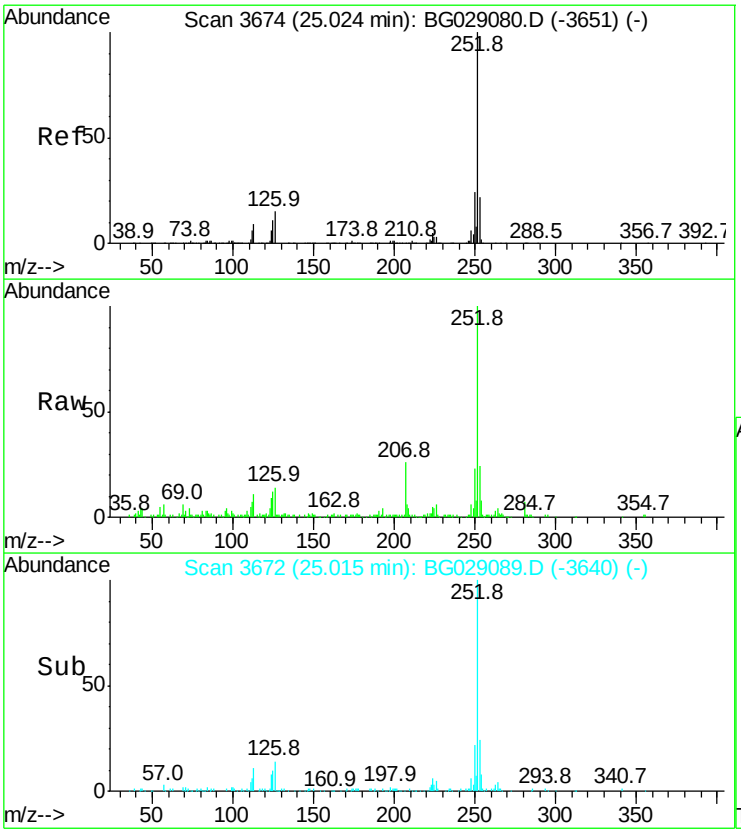
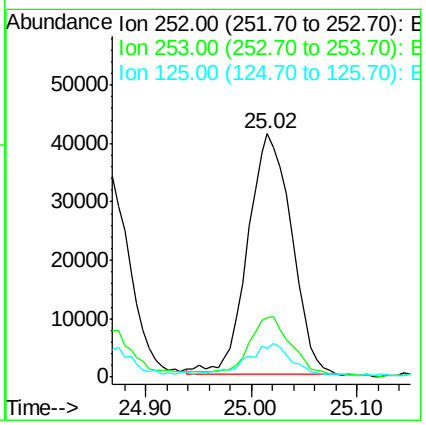
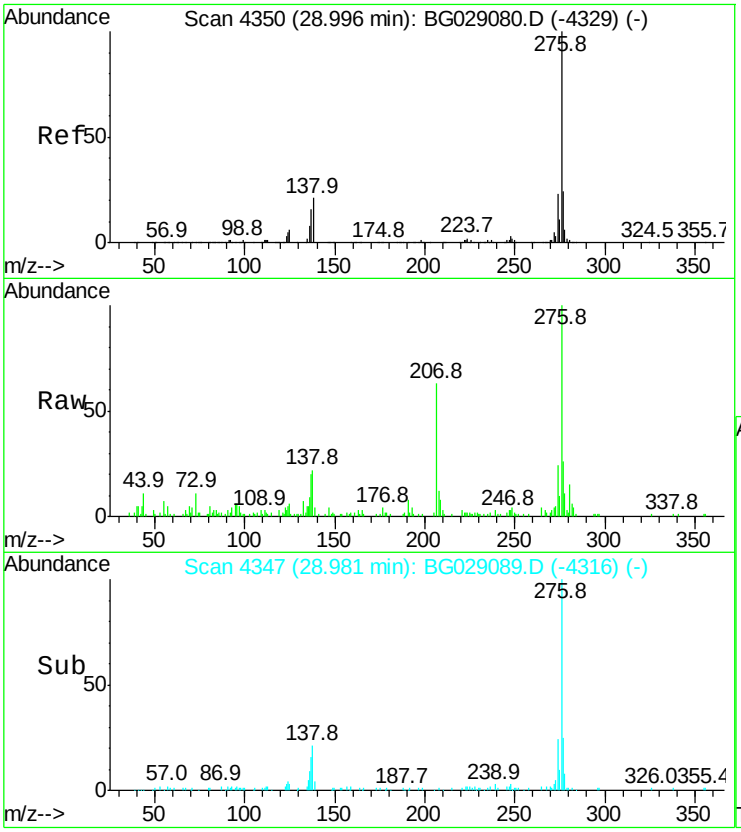


#26
Benzo(a)pyrene
Concen: 3.415 ng/ul
RT: 25.02 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:252 Resp: 119289

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	11.8	8.2	12.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.067 ng/ul
RT: 28.98 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:276 Resp: 81955

Ion	Ratio	Lower	Upper
276	100		
138	21.8	14.4	21.6#
277	26.4	18.0	27.0

Instrument :
BNA_G
ClientSampleId :
DAGC5

Manual Integrations APPROVED
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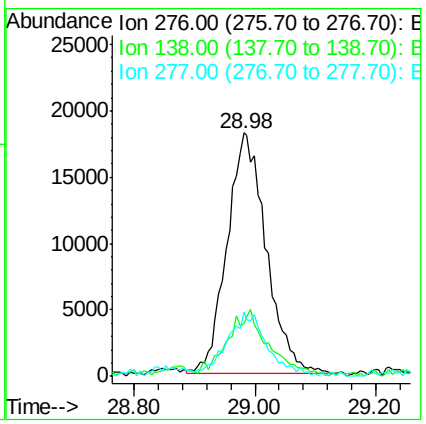

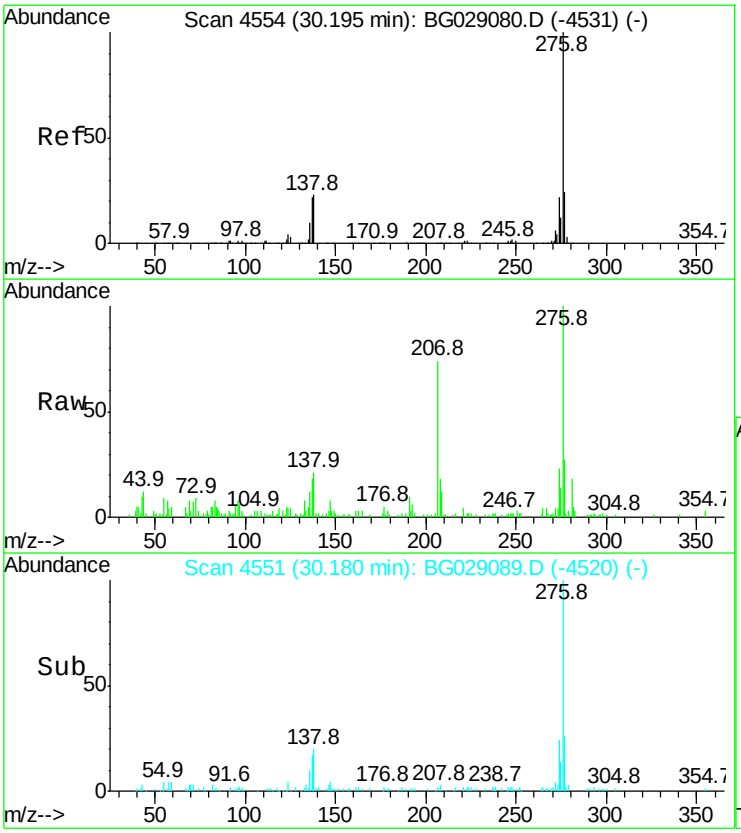

#29
Benzo(g,h,i)perylene
Concen: 2.312 ng/ul
RT: 30.18 min Scan# 4551
Delta R.T. -0.02 min
Lab File: BG029089.D
Acq: 8 Oct 2017 19:37

Tgt Ion:276 Resp: 75561

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.3	22.9
277	28.6	19.0	28.4#