Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027033.D
Acq On : 19 May 2017 10:25
Operator : SJ/MA
Sample : I3136-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC30

Manual Integrations APPROVED
mohammad
5/22/2017 11:05:10 AM

Quant Time: May 19 12:52:09 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	8.01	152	244798	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1132581	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	596069	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1070498	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	966344	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	945358	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1183166	19.35	ng/ul	0.00
10) Fluorene-d10	15.61	176	751040	18.41	ng/ul	0.00
14) Anthracene-d10	17.45	188	1014924m	19.45	ng/ul	0.00
18) Pyrene-d10	19.73	212	975108	19.33	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	889624	18.94	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.40	178	206604	3.45	ng/ul	98
16) Fluoranthene	19.40	202	327472	5.35	ng/ul#	94
19) Pyrene	19.76	202	275228	4.36	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	146963	2.52	ng/ul	96
21) Chrysene	21.64	228	152641m	2.86	ng/ul	
23) Benzo(b)fluoranthene	23.77	252	204503	3.64	ng/ul#	86
24) Benzo(k)fluoranthene	23.82	252	86139m	1.49	ng/ul	
26) Benzo(a)pyrene	24.62	252	123415	2.25	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.39	276	72520m	1.43	ng/ul	
29) Benzo(g,h,i)perylene	29.51	276	72584m	1.81	ng/ul	

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

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Instrument :
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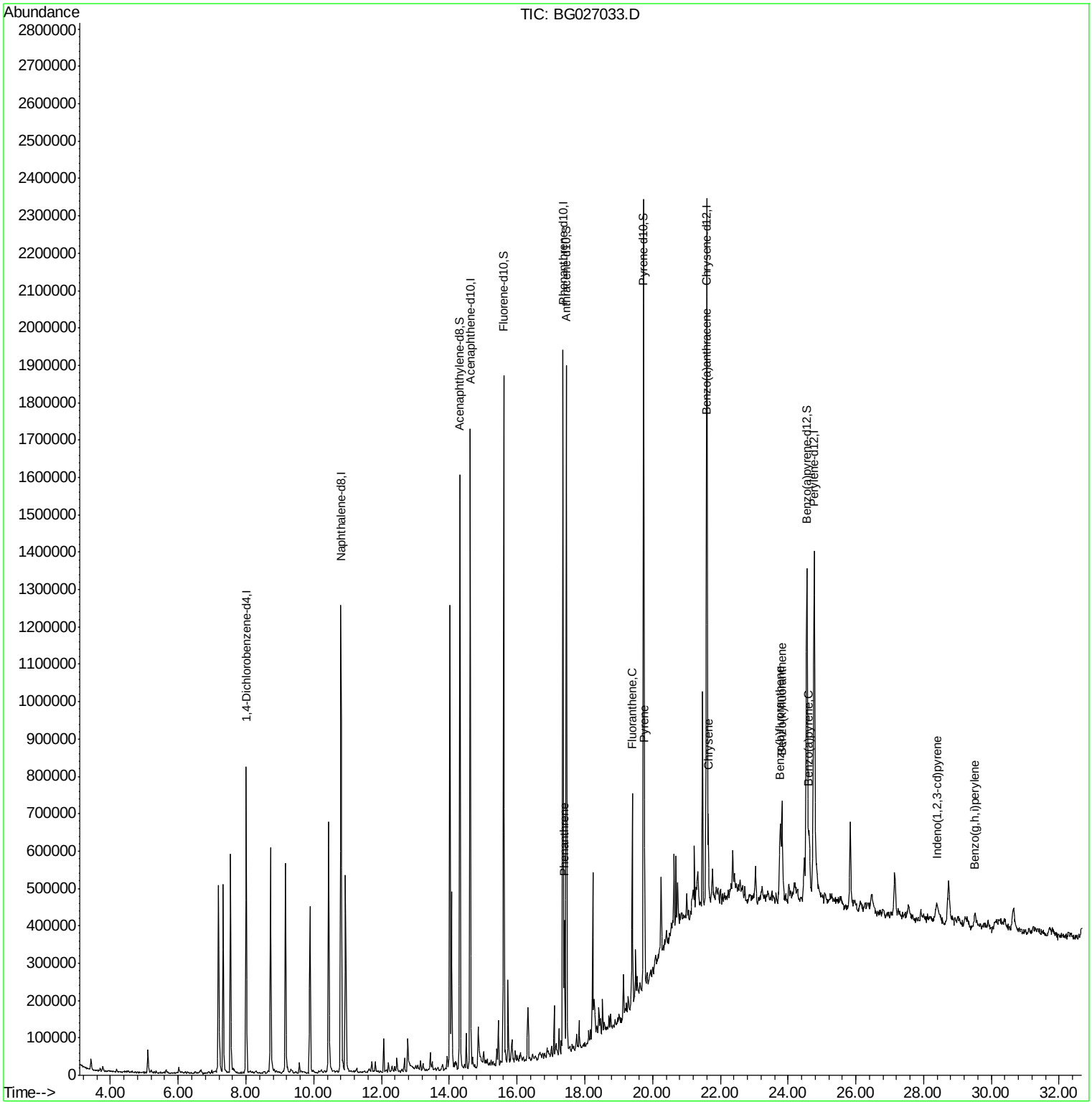
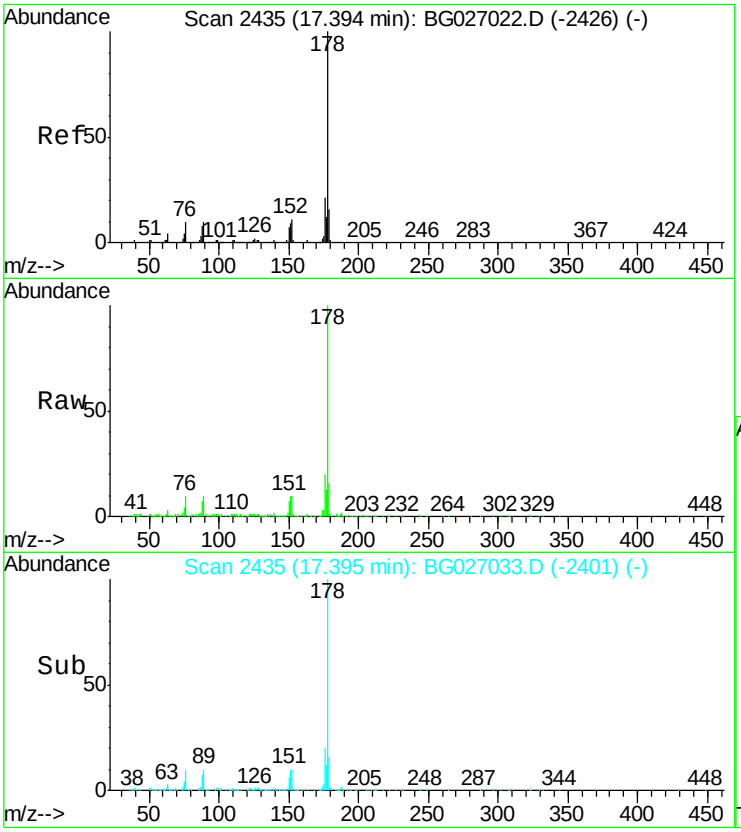
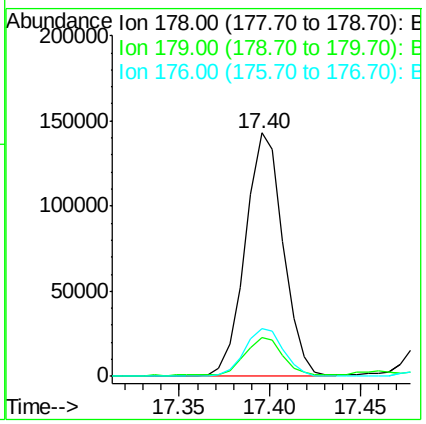




#13
Phenanthrene
Concen: 3.45 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:178 Resp: 206604

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.6	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DAC30

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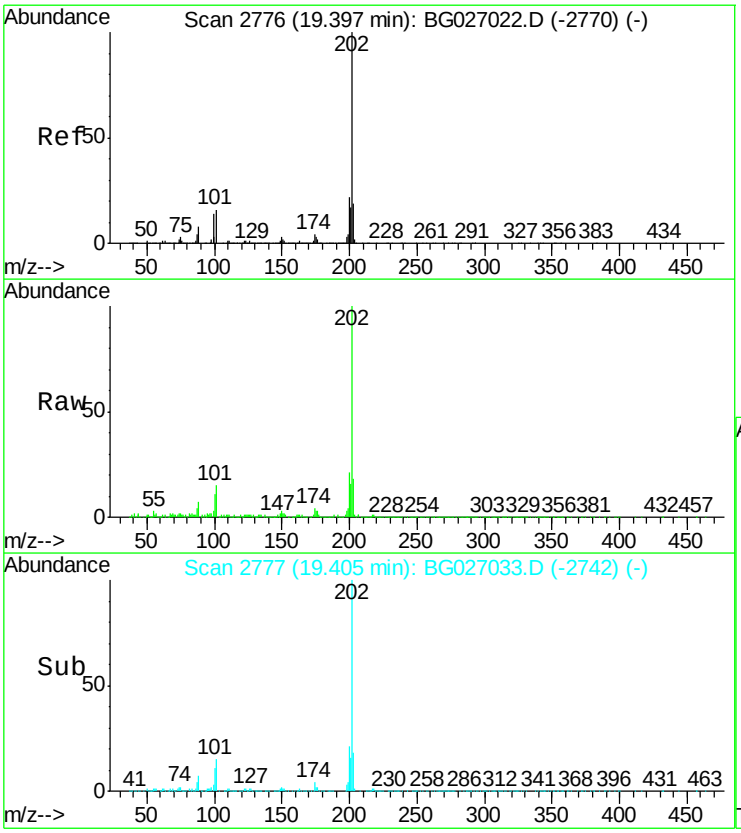
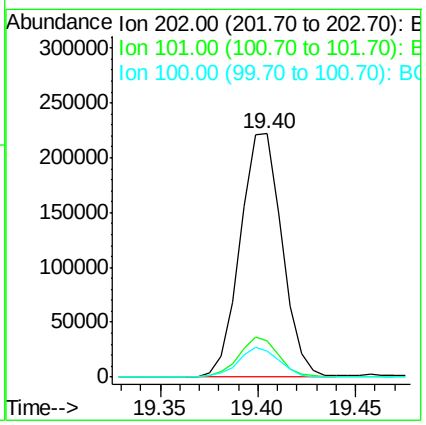
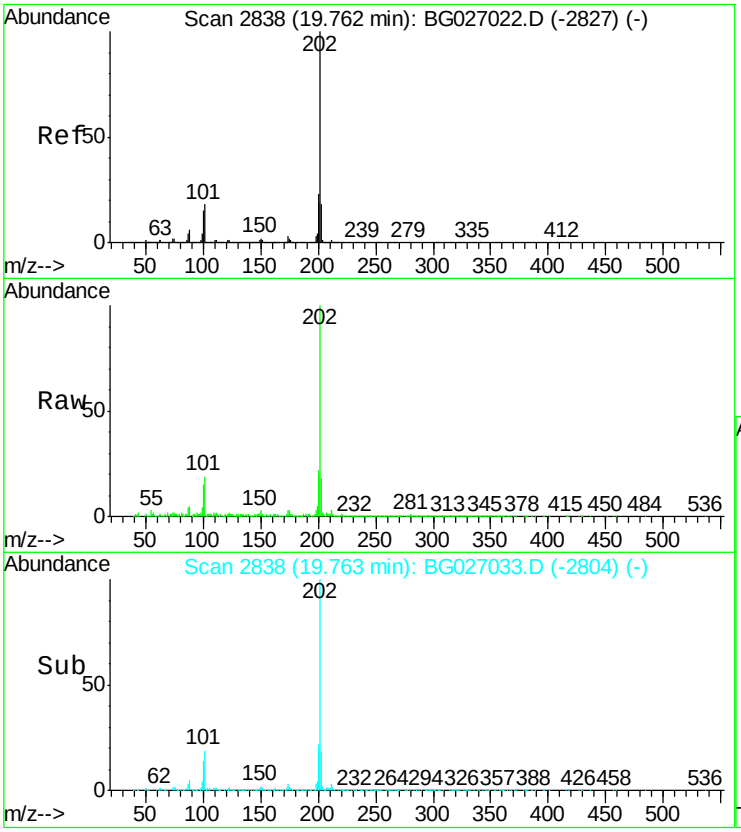


#16
Fluoranthene
Concen: 5.35 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:202 Resp: 327472

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	10.9	7.4	11.0





#19
Pyrene
Concen: 4.36 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:202 Resp: 275228

Ion	Ratio	Lower	Upper
202	100		
101	19.1	11.0	16.4#
100	14.6	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC30

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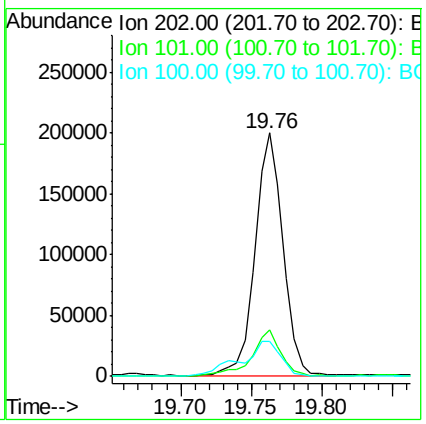
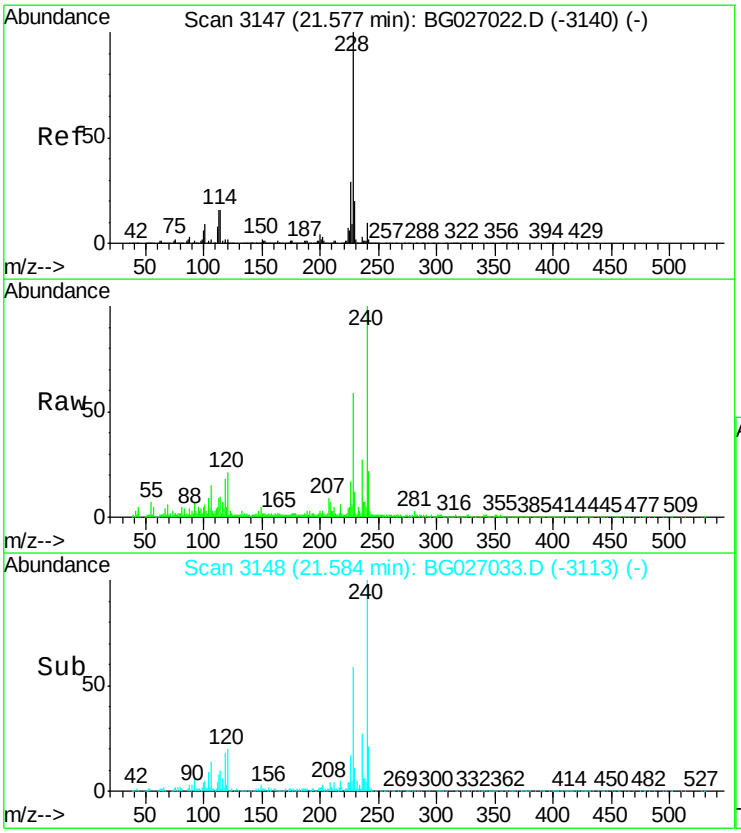
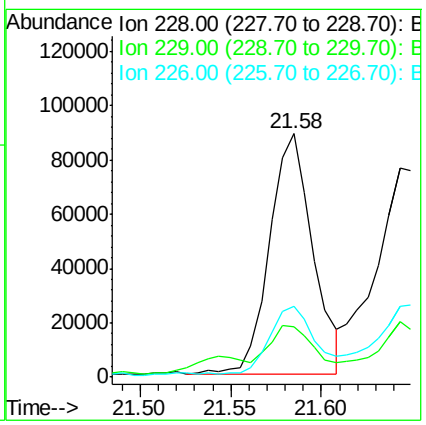


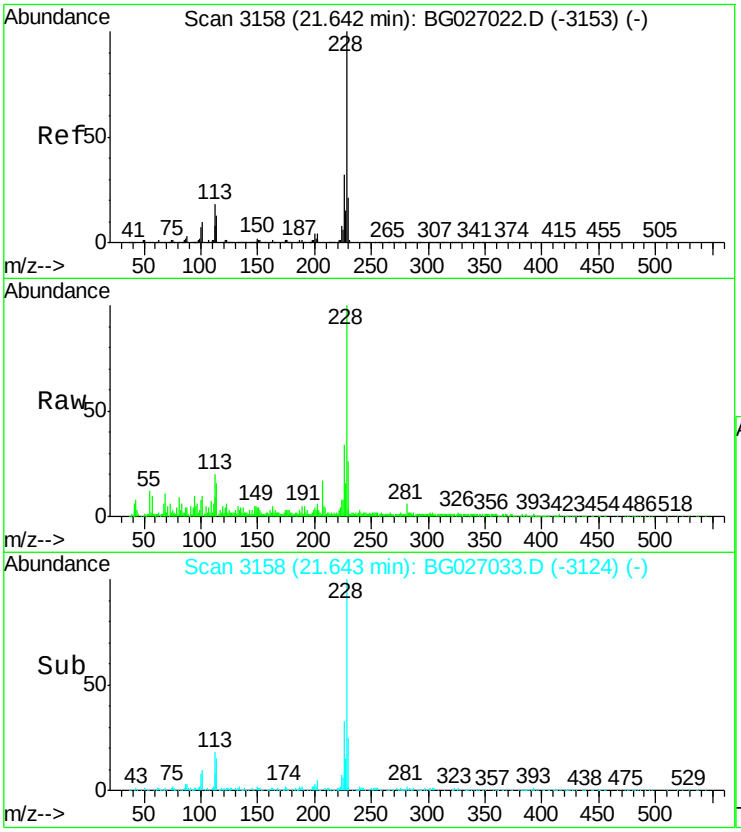


#20
Benzo(a)anthracene
Concen: 2.52 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:228 Resp: 146963

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	29.2	21.1	31.7





#21
Chrysene
Concen: 2.86 ng/ul m
RT: 21.64 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:228 Resp: 152641

Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.5	36.7
229	26.4	15.8	23.8#

Instrument :
BNA_G
ClientSampleId :
DAC30

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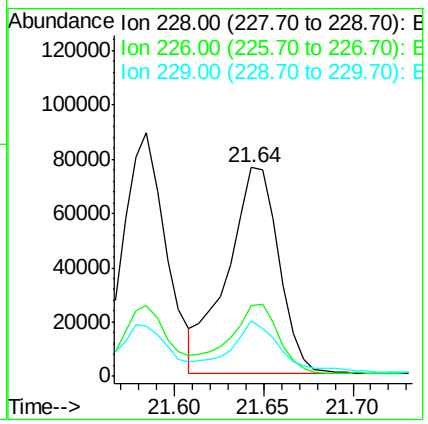
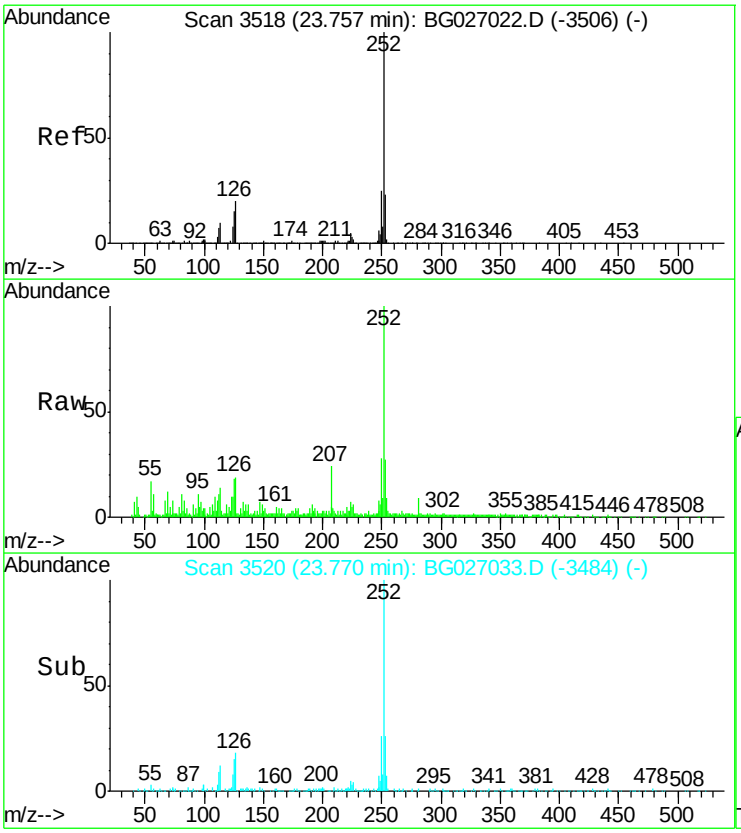
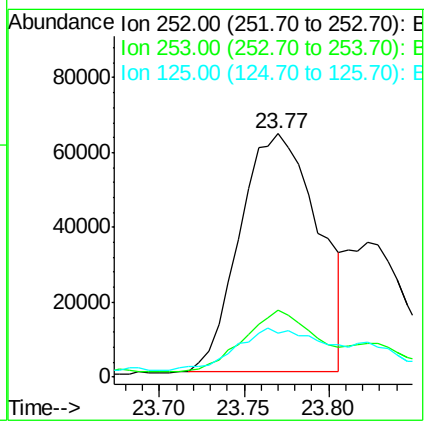


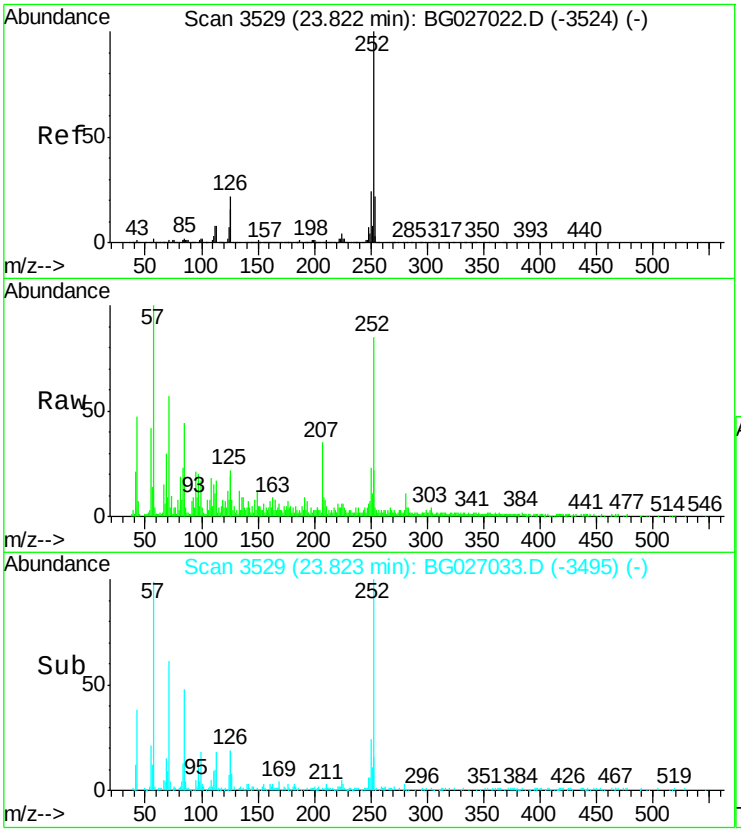


#23
Benzo(b)fluoranthene
Concen: 3.64 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:252 Resp: 204503

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.0	27.0#
125	18.1	8.0	12.0#

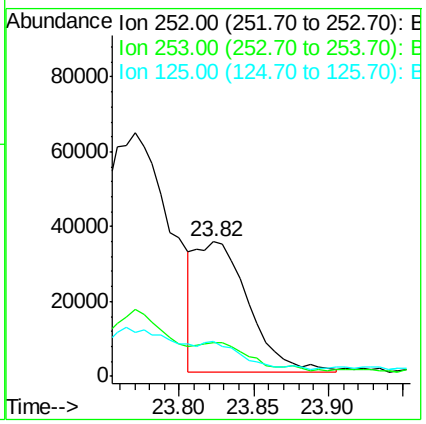




#24
Benzo(k)fluoranthene
Concen: 1.49 ng/ul m
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:252 Resp: 86139

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	25.6	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
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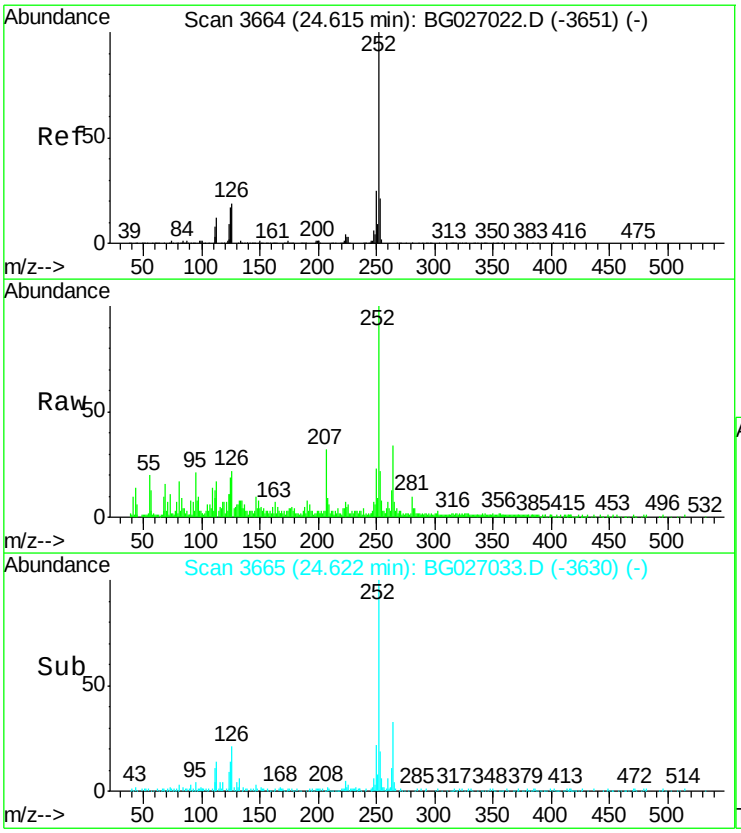
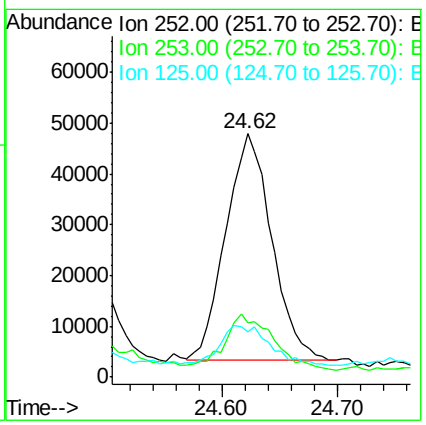
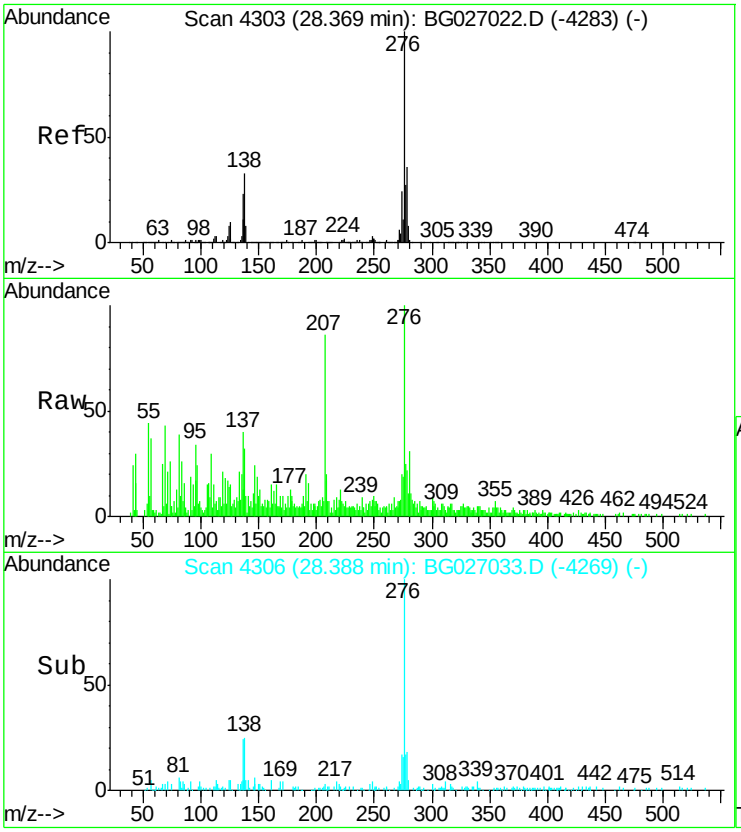


#26
Benzo(a)pyrene
Concen: 2.25 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:252 Resp: 123415

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	18.8	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.43 ng/ul m
RT: 28.39 min Scan# 4306
Delta R.T. 0.02 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:276 Resp: 72520

Ion	Ratio	Lower	Upper
276	100		
138	32.1	14.4	21.6#
277	24.9	18.0	27.0

Instrument :
BNA_G
ClientSampleId :
DAC30

Manual Integrations APPROVED
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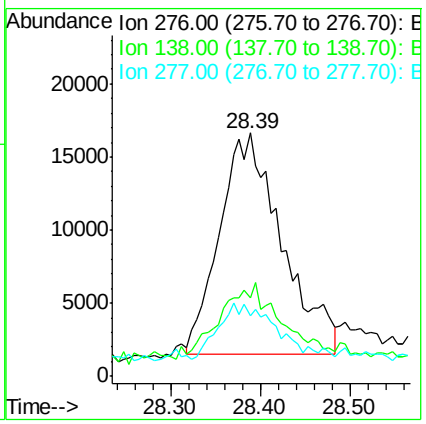

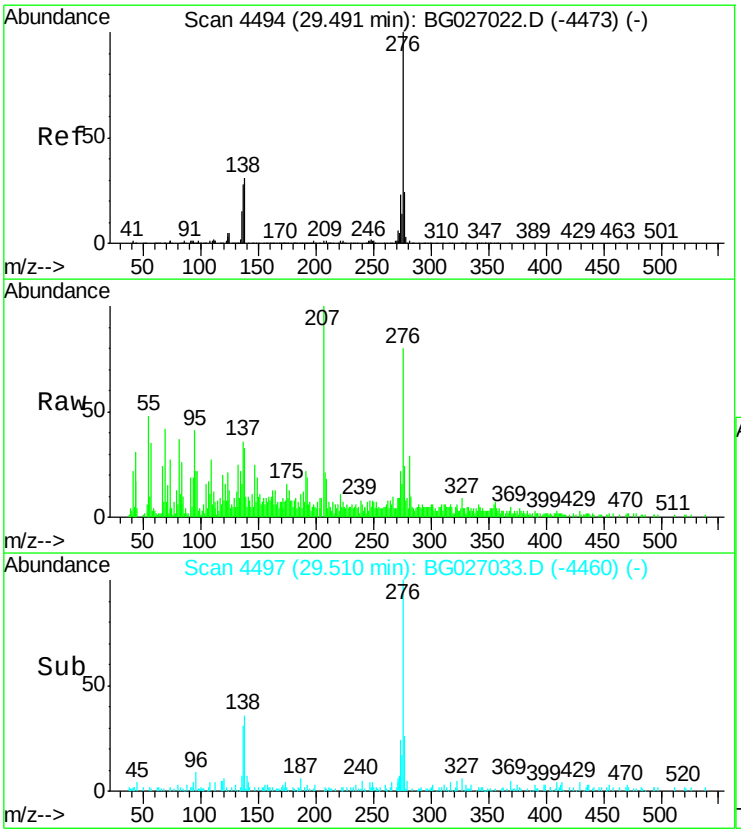

#29
Benzo(g,h,i)perylene
Concen: 1.81 ng/ul m
RT: 29.51 min Scan# 4497
Delta R.T. 0.02 min
Lab File: BG027033.D
Acq: 19 May 2017 10:25

Tgt Ion:276 Resp: 72584

Ion	Ratio	Lower	Upper
276	100		
138	40.8	15.3	22.9#
277	29.4	19.0	28.4#