Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026256.D
Acq On : 16 Mar 2017 5:30
Operator : SJ/MA
Sample : I2236-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABJ1

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:44 PM

Quant Time: Mar 18 05:28:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 04:25:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80575	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	431265	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	239720	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	513599	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	520187	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	500307	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	423950	21.36	ng/ul	0.00
10) Fluorene-d10	15.64	176	299076	19.62	ng/ul	0.00
14) Anthracene-d10	17.49	188	416257	17.93	ng/ul	0.00
18) Pyrene-d10	19.76	212	454409	18.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	426306	19.25	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.43	178	28486	1.04	ng/ul	97
16) Fluoranthene	19.43	202	75762	2.52	ng/ul	96
19) Pyrene	19.79	202	71353	2.27	ng/ul#	93
20) Benzo(a)anthracene	21.61	228	45690	1.56	ng/ul	97
21) Chrysene	21.68	228	49070m	1.76	ng/ul	
23) Benzo(b)fluoranthene	23.81	252	71685	2.48	ng/ul#	94
26) Benzo(a)pyrene	24.67	252	43946	1.57	ng/ul#	88
29) Benzo(g,h,i)perylene	29.56	276	32733m	1.21	ng/ul	

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

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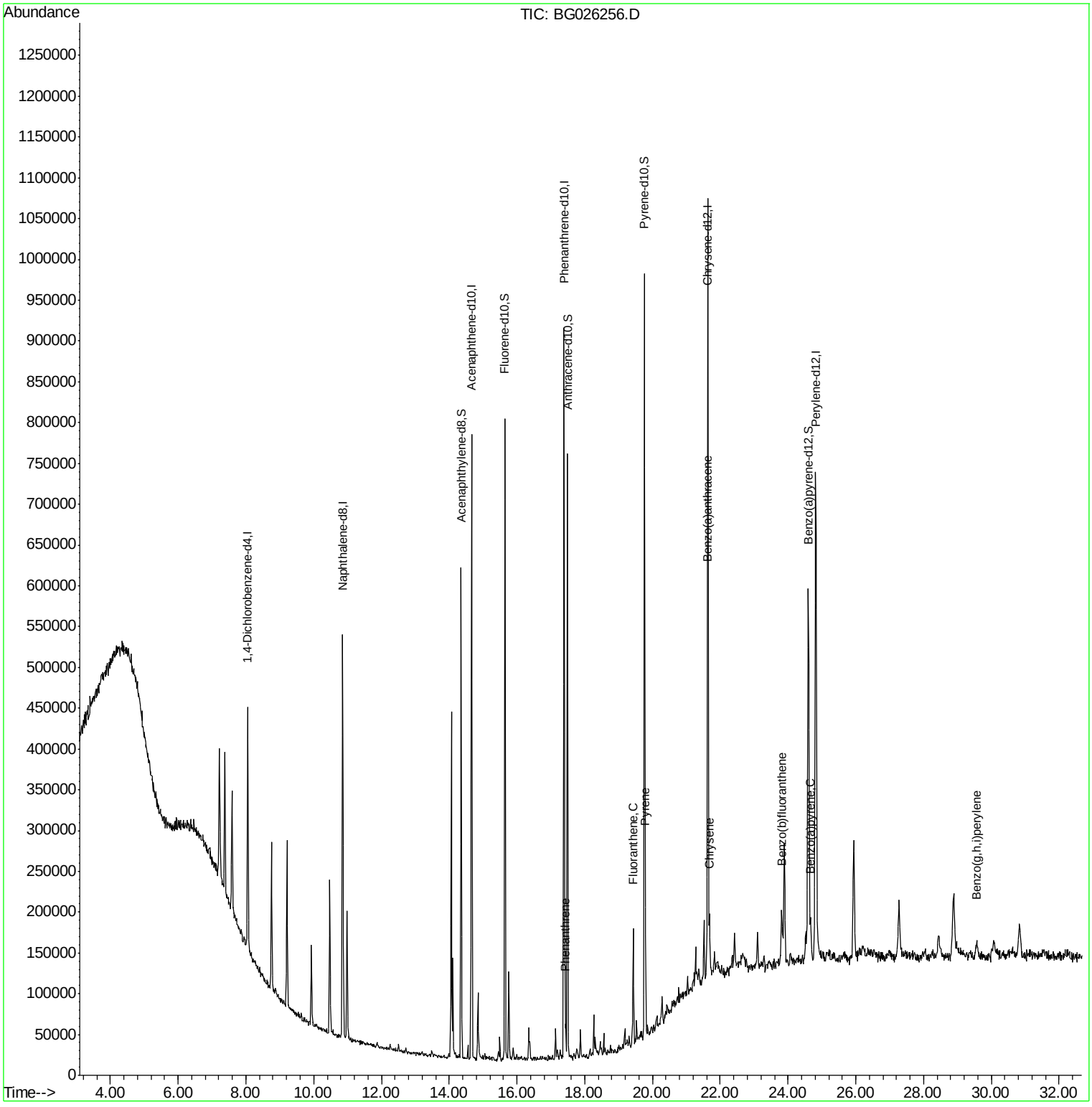
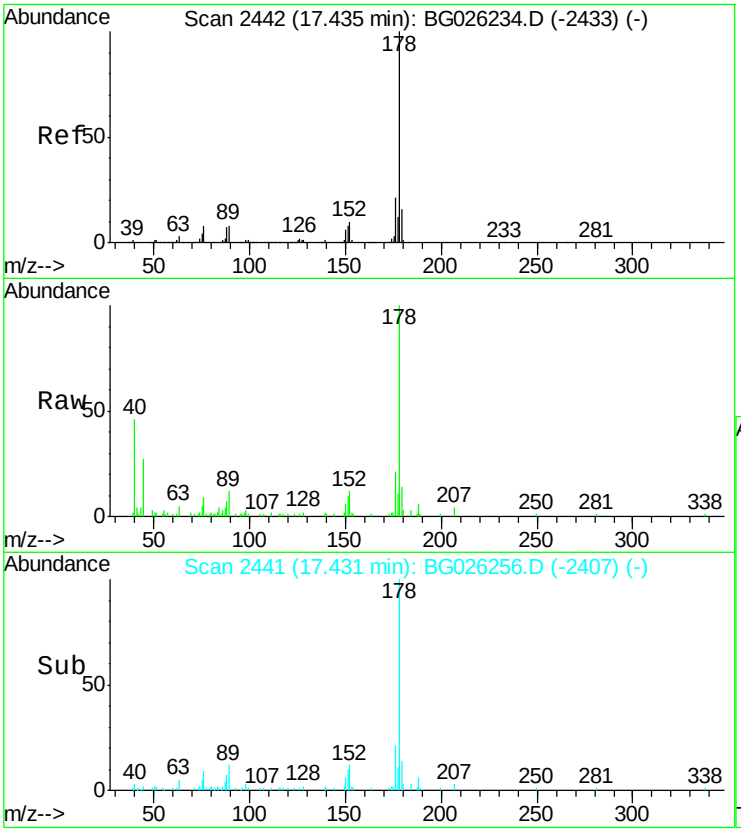
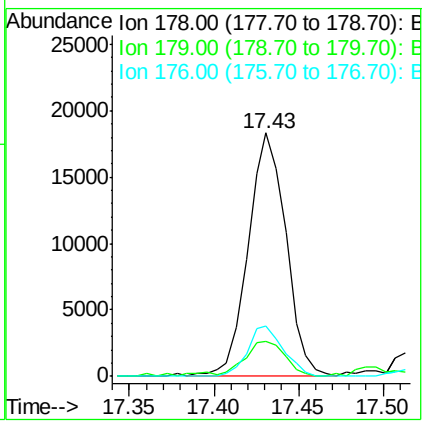




#13
Phenanthrene
Concen: 1.04 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:178 Resp: 28486

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	20.6	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DABJ1

Manual Integrations APPROVED
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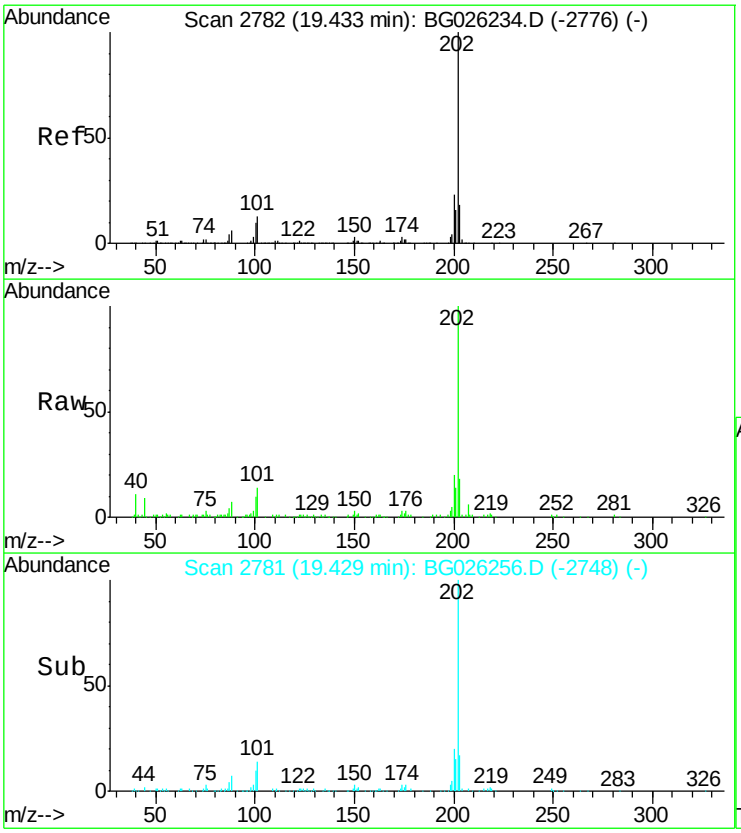
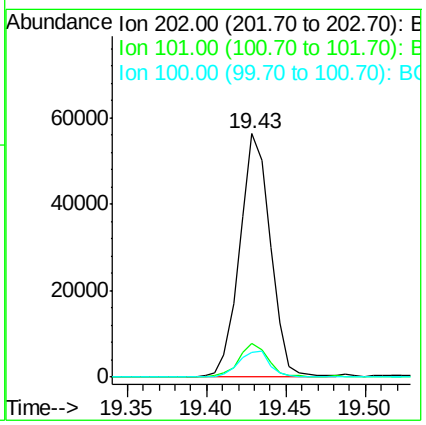
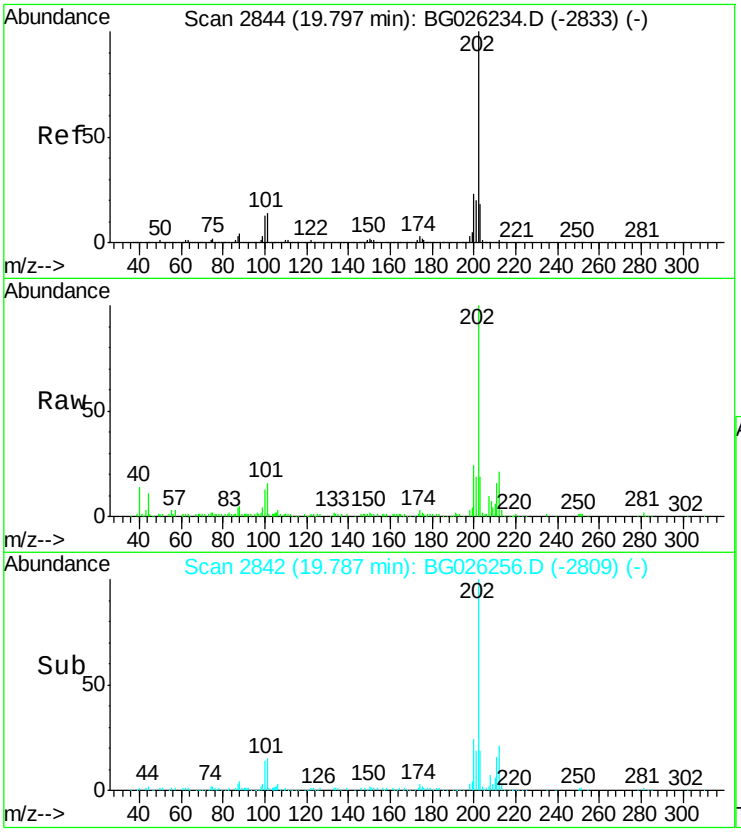


#16
Fluoranthene
Concen: 2.52 ng/ul
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:202 Resp: 75762

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.9	14.9
100	10.4	7.4	11.0

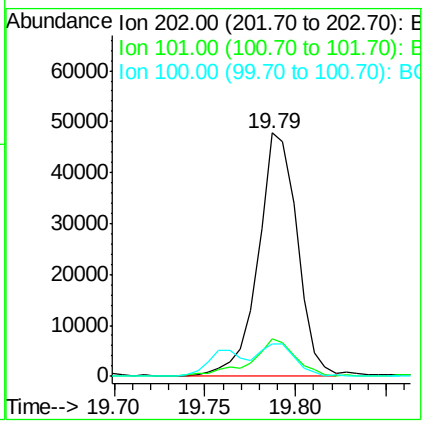




#19
Pyrene
Concen: 2.27 ng/ul
RT: 19.79 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:202 Resp: 71353

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.0	16.4
100	13.5	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DABJ1

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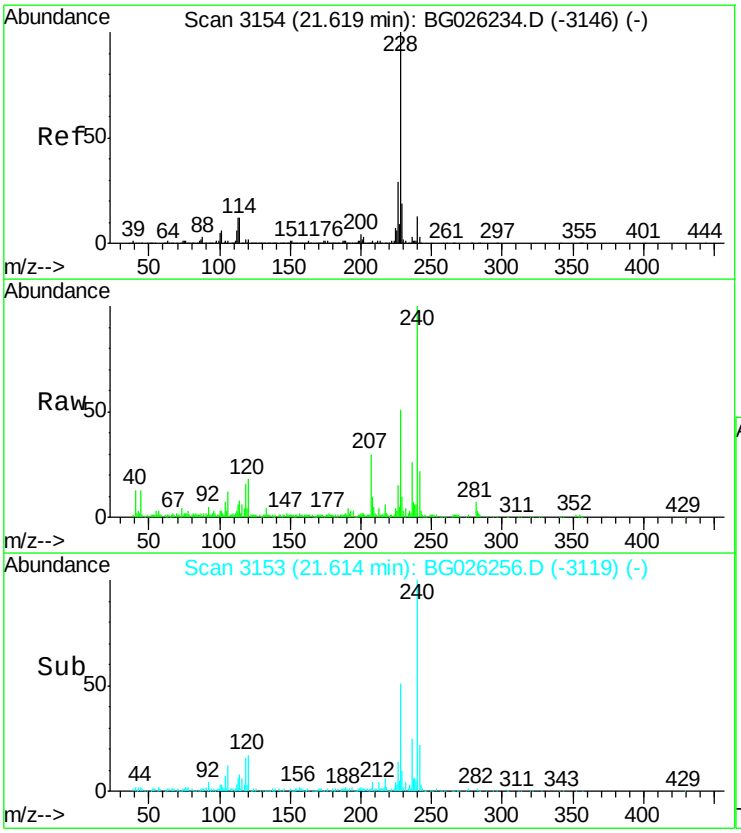
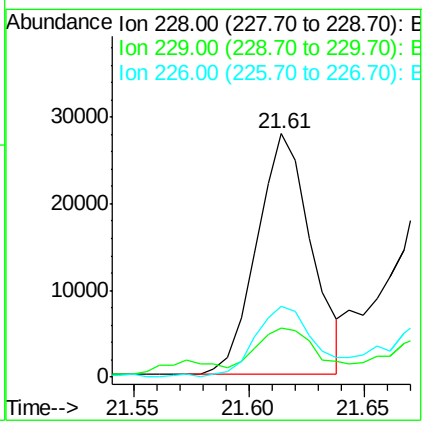
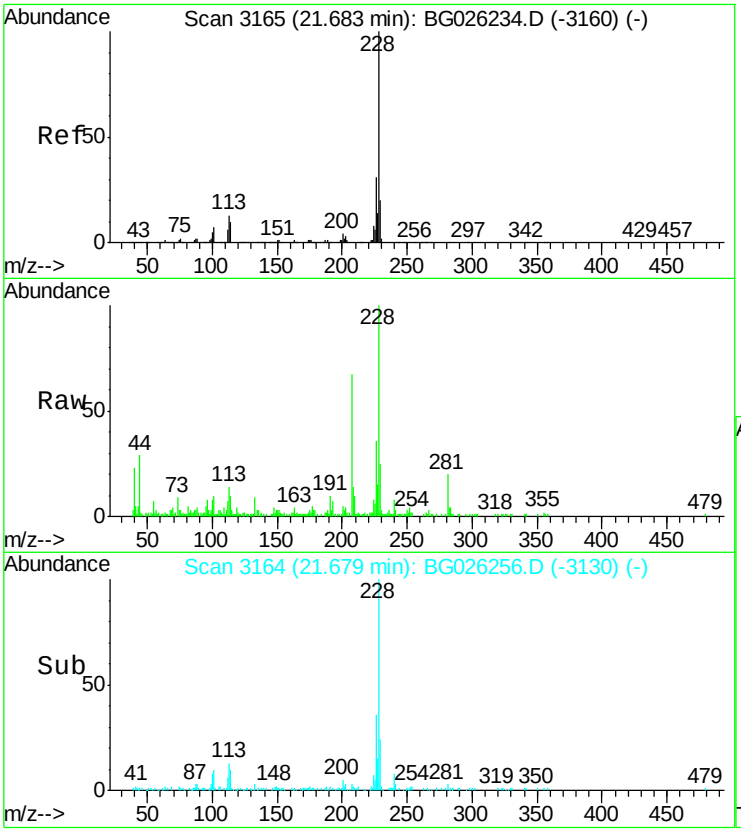


#20
Benzo(a)anthracene
Concen: 1.56 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:228 Resp: 45690

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	28.9	21.1	31.7





#21
Chrysene
Concen: 1.76 ng/ul m
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:228 Resp: 49070

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.5	36.7
229	24.9	15.8	23.8#

Instrument :
BNA_G
ClientSampleId :
DABJ1

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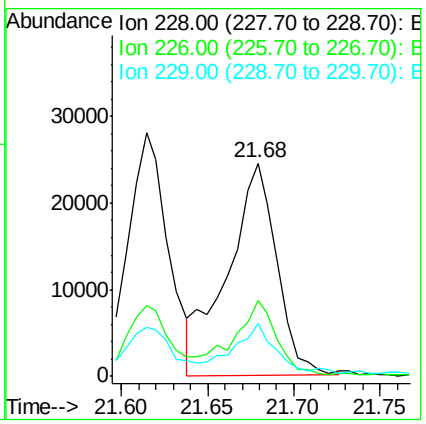
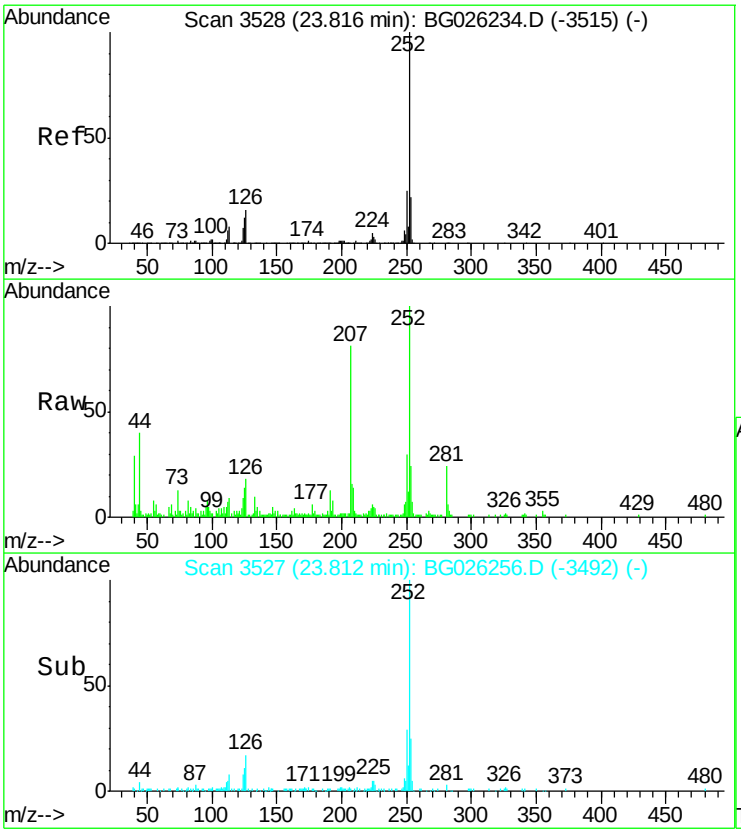
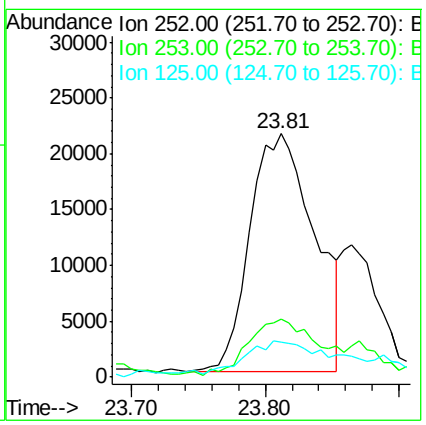


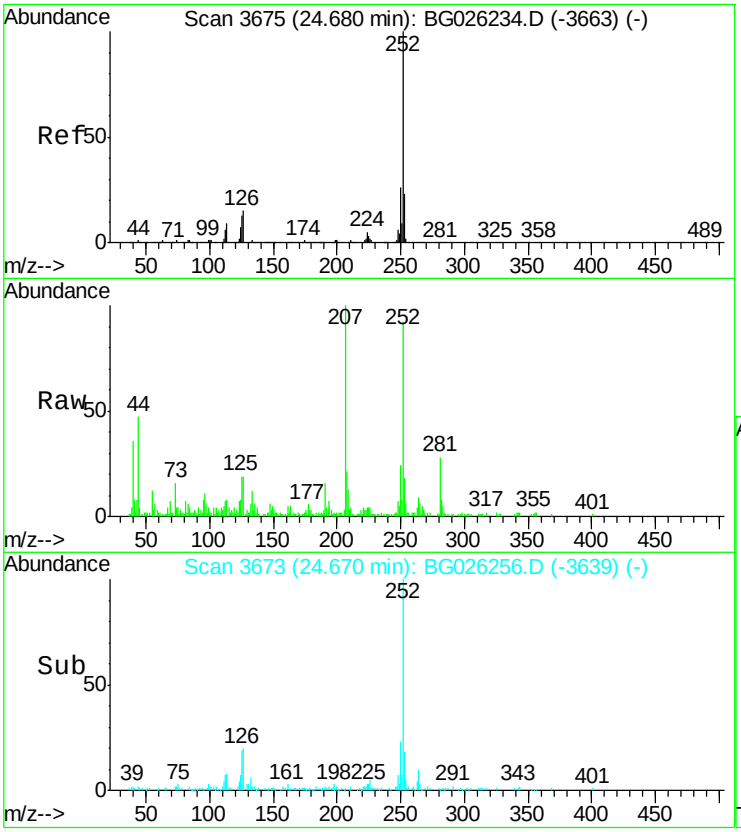


#23
Benzo(b)fluoranthene
Concen: 2.48 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:252 Resp: 71685

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.2	8.0	12.0#

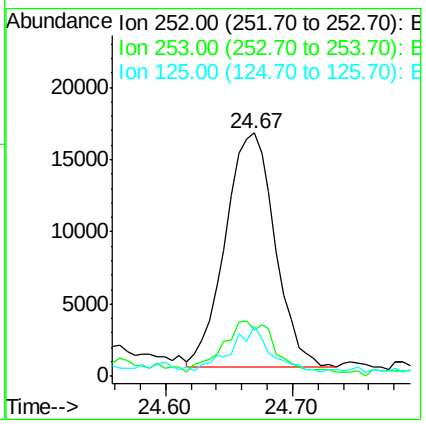




#26
Benzo(a)pyrene
Concen: 1.57 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. 0.00 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:252 Resp: 43946

Ion	Ratio	Lower	Upper
252	100		
253	19.1	17.2	25.8
125	20.7	8.2	12.4#



Instrument :
BNA_G
ClientSampleId :
DABJ1

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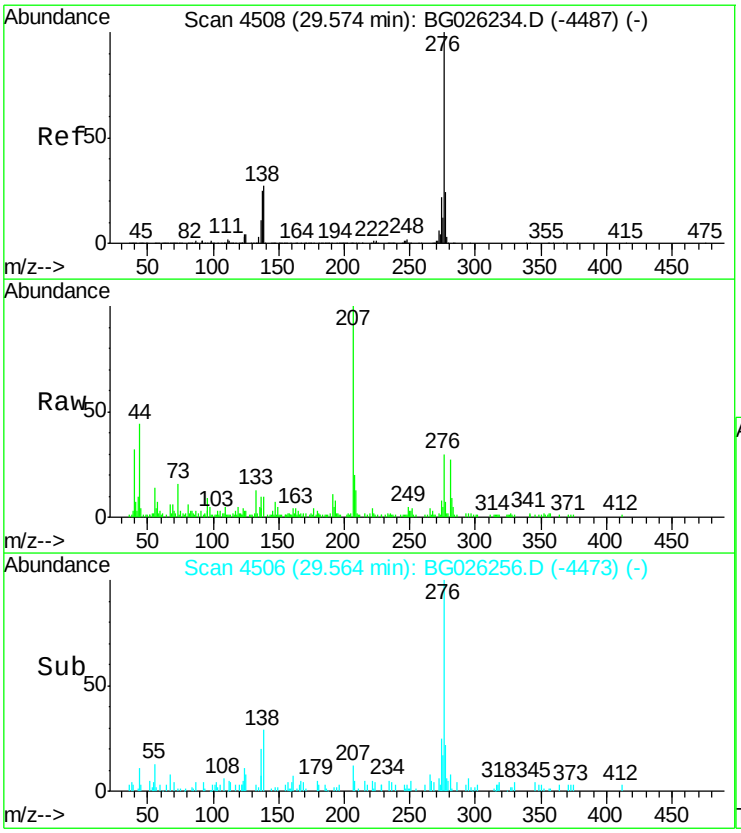

#29
Benzo(g,h,i)perylene
Concen: 1.21 ng/ul m
RT: 29.56 min Scan# 4506
Delta R.T. -0.00 min
Lab File: BG026256.D
Acq: 16 Mar 2017 5:30

Tgt Ion:276 Resp: 32733

Ion	Ratio	Lower	Upper
276	100		
138	32.7	15.3	22.9#
277	22.3	19.0	28.4