Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026258.D
Acq On : 16 Mar 2017 6:49
Operator : SJ/MA
Sample : I2236-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABJ3

Manual Integrations APPROVED
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Quant Time: Mar 16 07:39:18 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	81659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	429981	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	236481	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	509978	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	535926	20.00	ng/ul	0.00
22) Perylene-d12	24.83	264	520636	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.36	160	400535	20.45	ng/ul	0.00
10) Fluorene-d10	15.64	176	293059	19.49	ng/ul	0.00
14) Anthracene-d10	17.49	188	428025	18.56	ng/ul	0.00
18) Pyrene-d10	19.76	212	466961	18.08	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	435806	18.91	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.43	178	103481	3.80	ng/ul	99
16) Fluoranthene	19.43	202	209056	6.99	ng/ul	98
19) Pyrene	19.79	202	177700	5.48	ng/ul#	95
20) Benzo(a)anthracene	21.62	228	101885	3.38	ng/ul	94
21) Chrysene	21.68	228	103754	3.60	ng/ul	98
23) Benzo(b)fluoranthene	23.81	252	154243	5.13	ng/ul#	92
24) Benzo(k)fluoranthene	23.87	252	51489	1.77	ng/ul#	91
26) Benzo(a)pyrene	24.67	252	98282	3.38	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.45	276	79708m	2.34	ng/ul	
29) Benzo(g,h,i)perylene	29.59	276	73769m	2.62	ng/ul	

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

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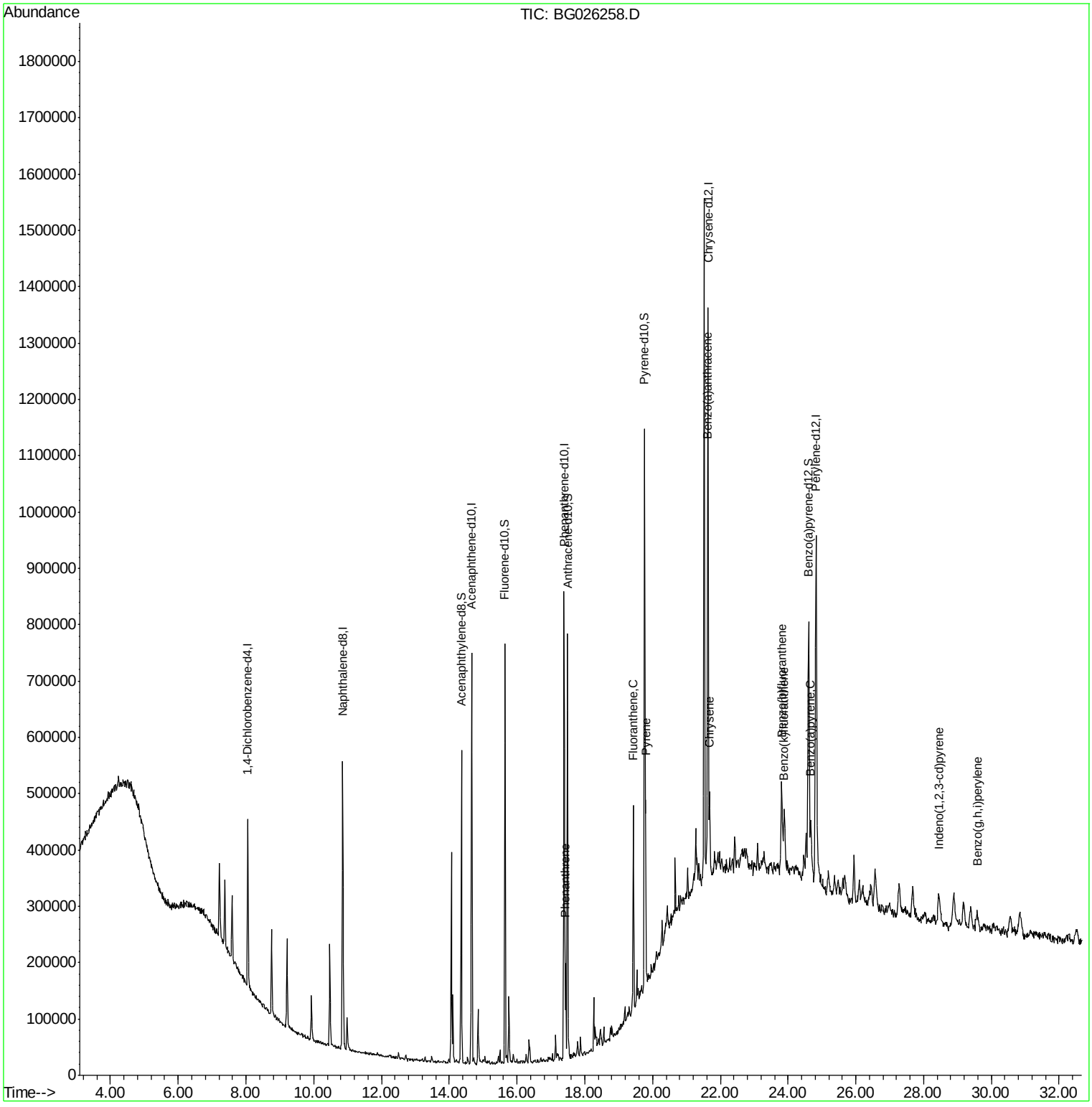
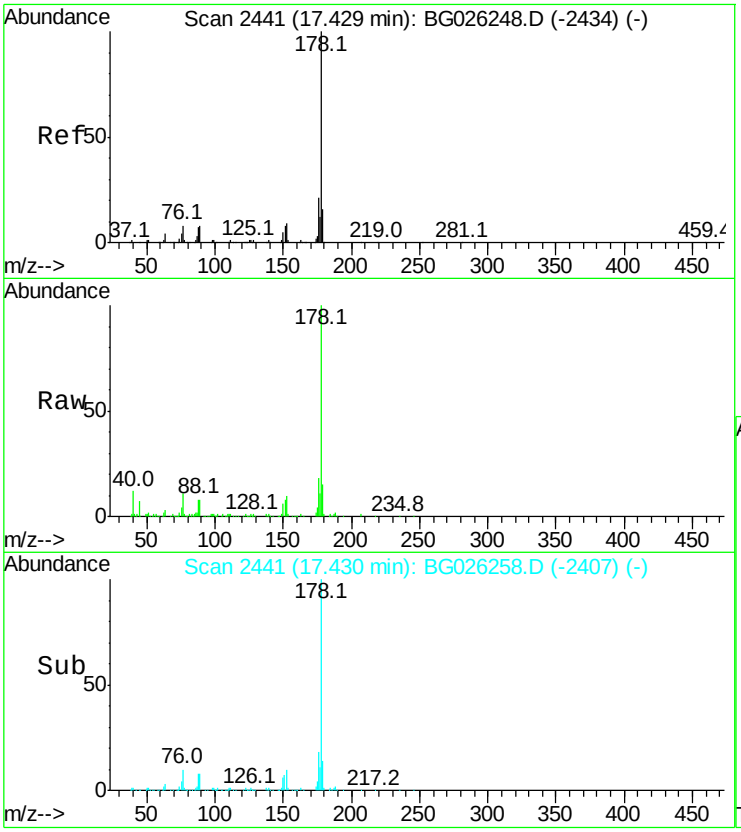
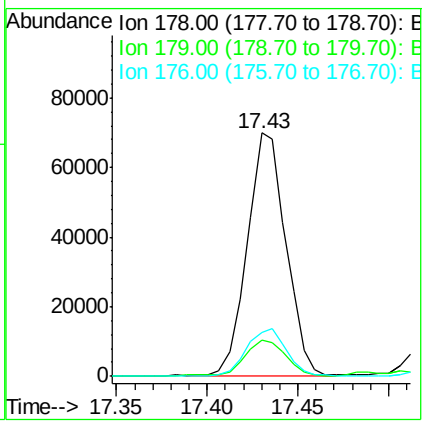




#13
Phenanthrene
Concen: 3.80 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:178 Resp: 103481

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.3	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DABJ3

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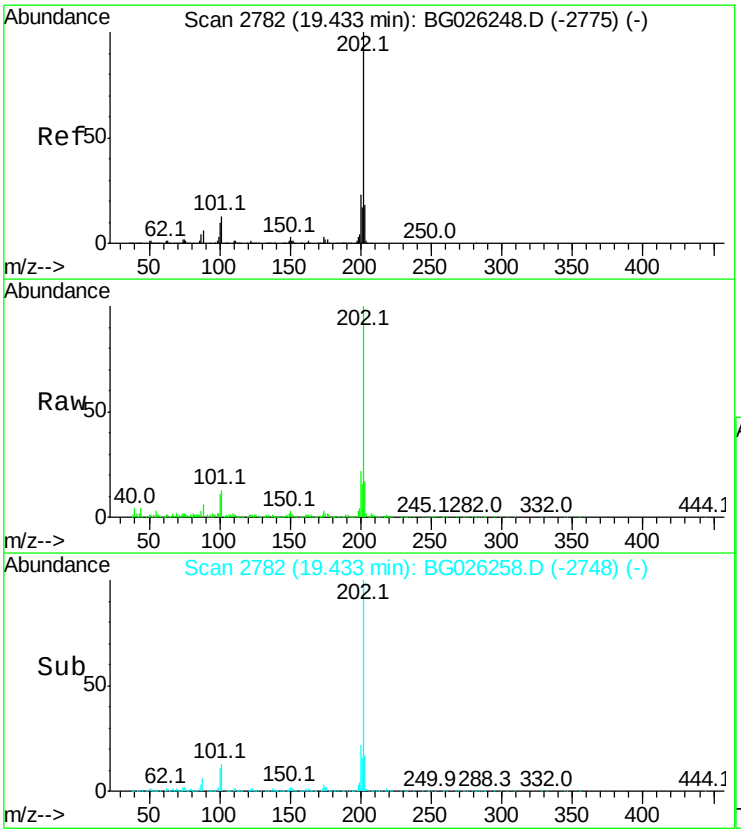
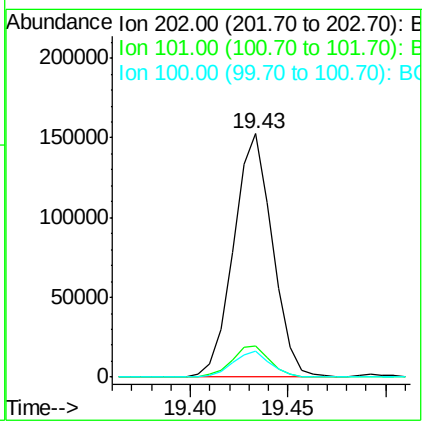
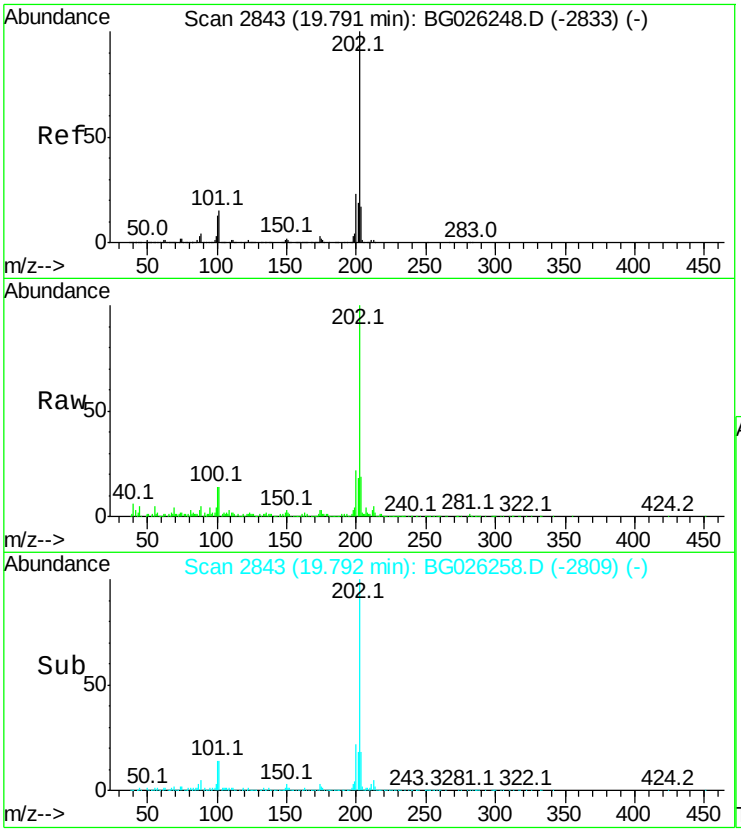


#16
Fluoranthene
Concen: 6.99 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:202 Resp: 209056

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.9	14.9
100	10.6	7.4	11.0





#19
Pyrene
Concen: 5.48 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:202 Resp: 177700

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.4
100	13.9	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DABJ3

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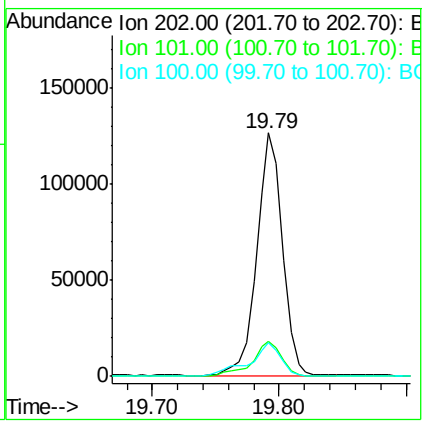
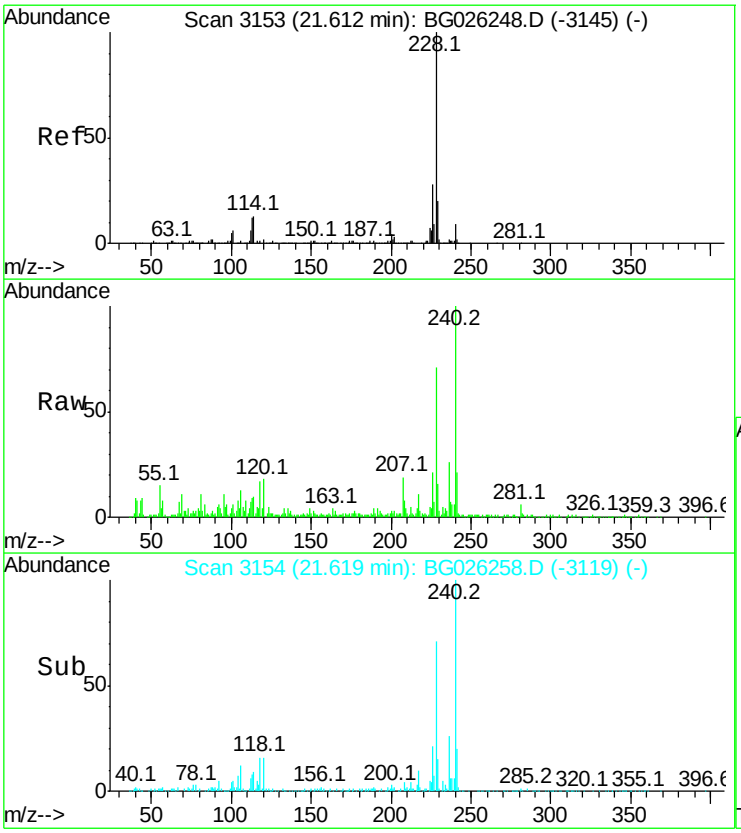
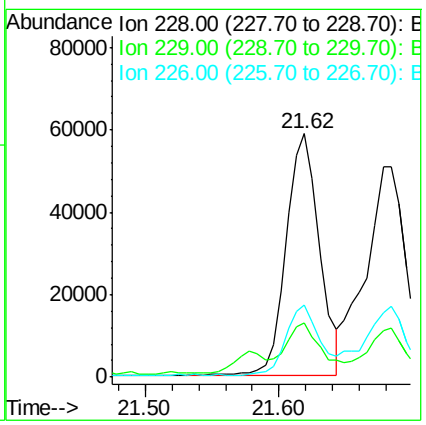


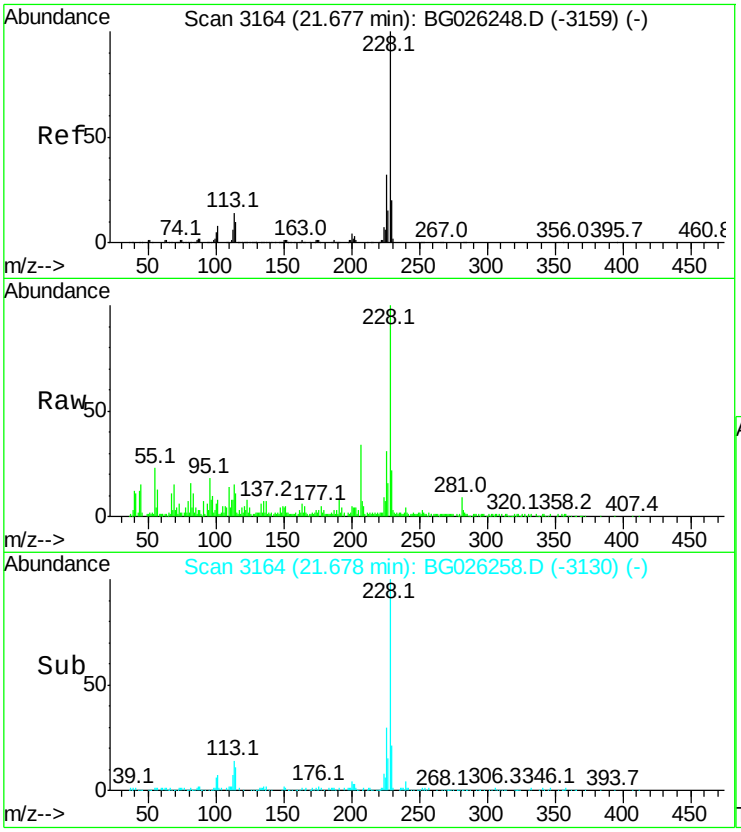


#20
Benzo(a)anthracene
Concen: 3.38 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:228 Resp: 101885

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.7	23.5
226	29.5	21.1	31.7

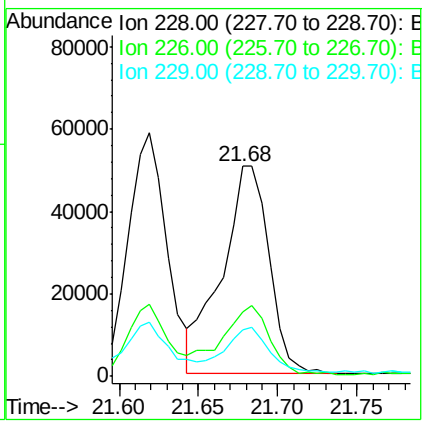




#21
Chrysene
Concen: 3.60 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:228 Resp: 103754

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	22.4	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
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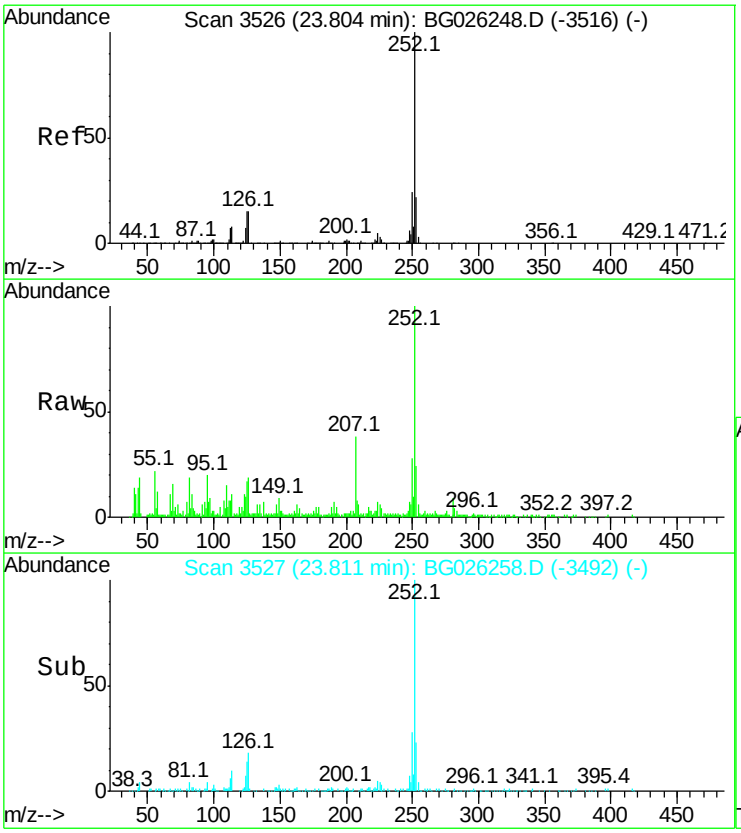
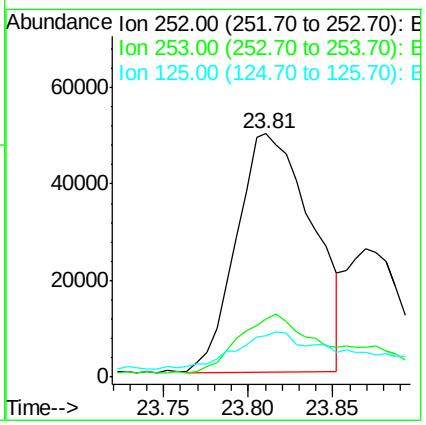
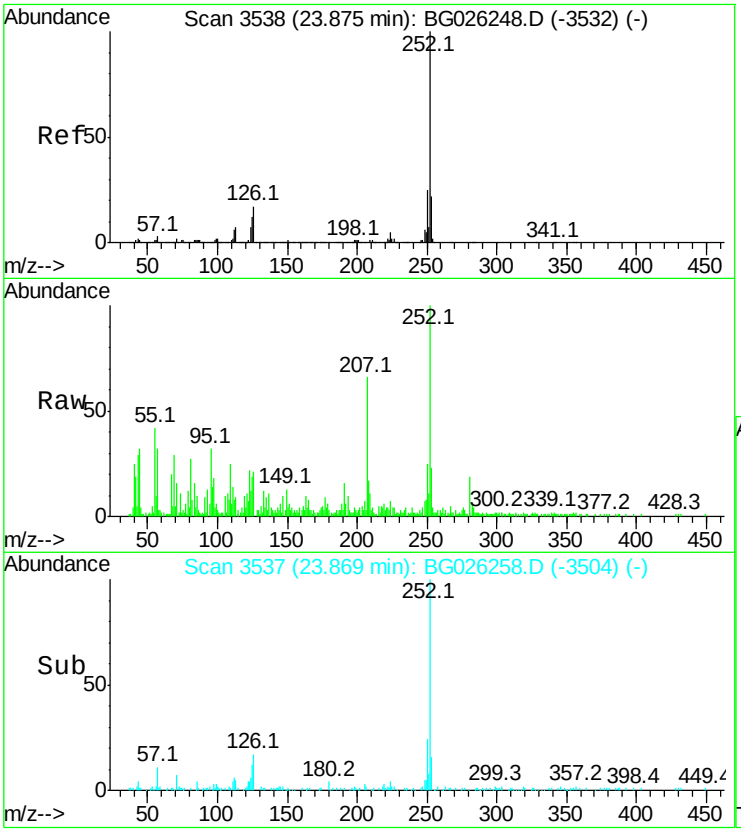


#23
Benzo(b)fluoranthene
Concen: 5.13 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:252 Resp: 154243

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	17.1	8.0	12.0#

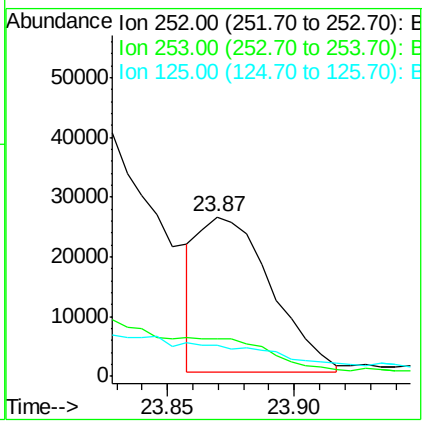




#24
Benzo(k)fluoranthene
Concen: 1.77 ng/ul
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:252 Resp: 51489

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	19.3	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DABJ3

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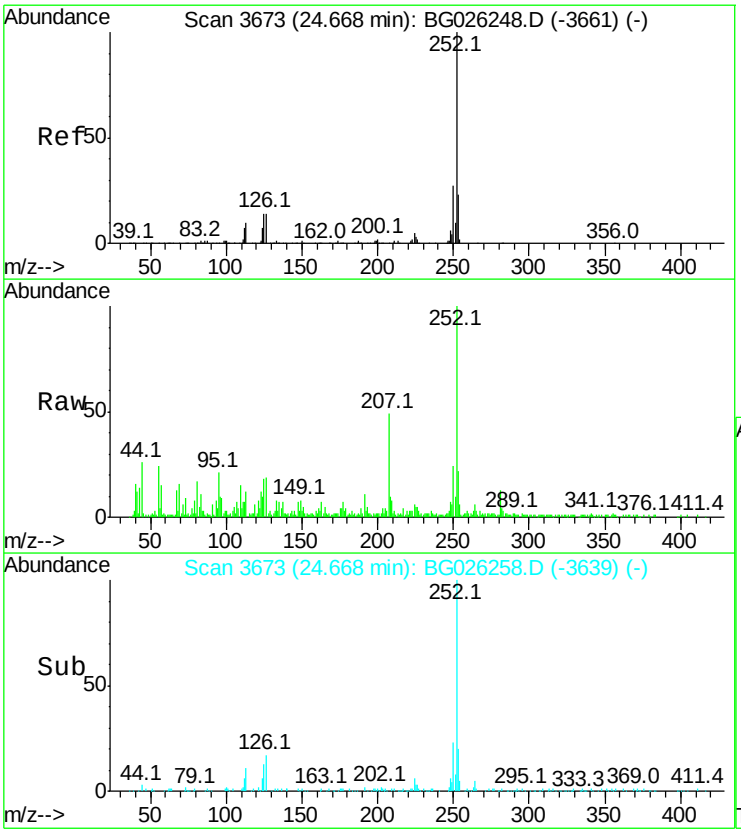
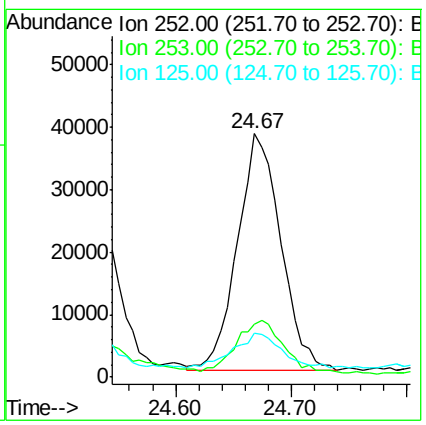
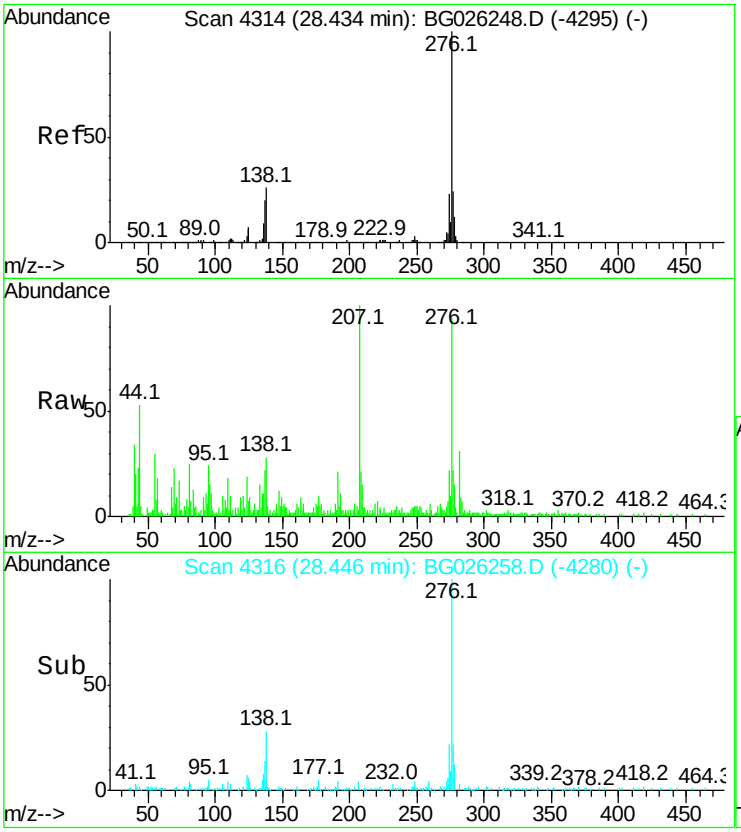


#26
Benzo(a)pyrene
Concen: 3.38 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. 0.00 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:252 Resp: 98282

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	18.0	8.2	12.4#

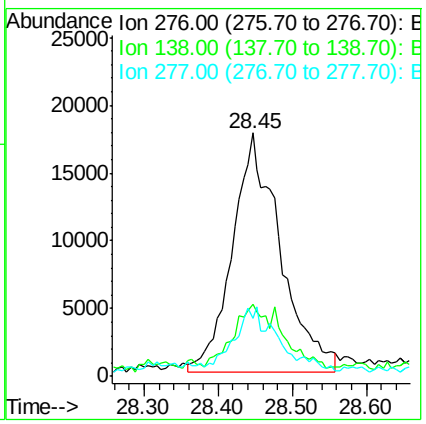




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng/ul m
RT: 28.45 min Scan# 4316
Delta R.T. 0.01 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:276 Resp: 79708

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	23.8	18.0	27.0



Instrument :
BNA_G
ClientSampleId :
DABJ3

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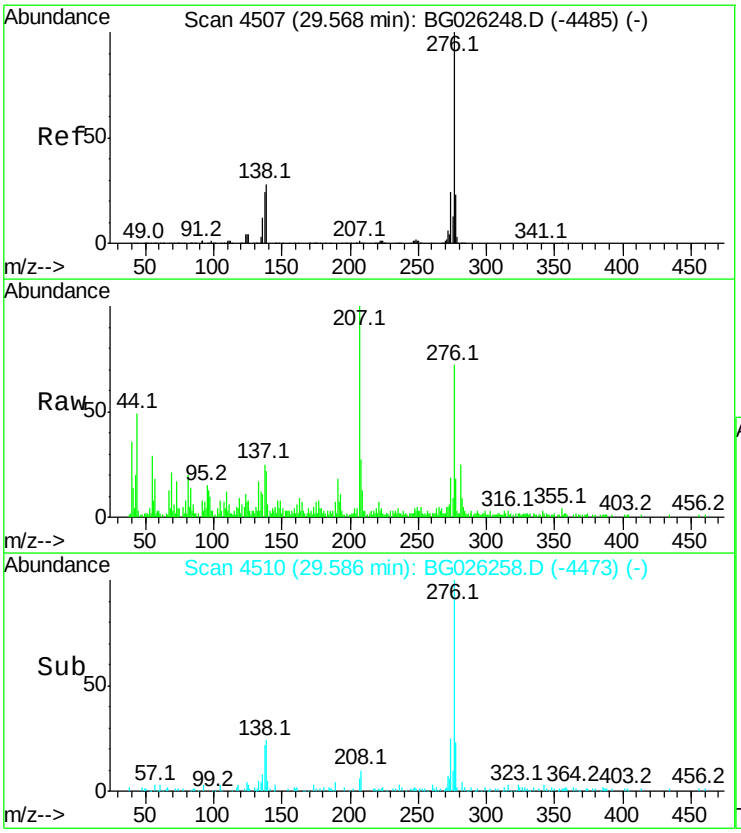

#29
Benzo(g,h,i)perylene
Concen: 2.62 ng/ul m
RT: 29.59 min Scan# 4510
Delta R.T. 0.02 min
Lab File: BG026258.D
Acq: 16 Mar 2017 6:49

Tgt Ion:276 Resp: 73769

Ion	Ratio	Lower	Upper
276	100		
138	30.2	15.3	22.9#
277	25.1	19.0	28.4