Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026267.D
Acq On : 16 Mar 2017 13:20
Operator : SJ/MA
Sample : I2237-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABH1

Manual Integrations APPROVED
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Quant Time: Mar 16 14:40:47 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 14:39:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	86885	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	452824	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	245890	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	515684	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	554484	20.00	ng/ul	0.00
22) Perylene-d12	24.83	264	538879	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	614673	30.19	ng/ul	0.00
10) Fluorene-d10	15.64	176	424138	27.12	ng/ul	0.00
14) Anthracene-d10	17.49	188	589385	25.28	ng/ul	0.00
18) Pyrene-d10	19.76	212	655781	24.54	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	629804	26.41	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.44	178	49610	1.80	ng/ul	96
16) Fluoranthene	19.43	202	84191	2.78	ng/ul	98
19) Pyrene	19.79	202	83864	2.50	ng/ul#	92
20) Benzo(a)anthracene	21.62	228	59948	1.92	ng/ul	96
21) Chrysene	21.68	228	66499m	2.23	ng/ul	
23) Benzo(b)fluoranthene	23.81	252	110982	3.56	ng/ul#	95
26) Benzo(a)pyrene	24.67	252	63401	2.10	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.45	276	38334	1.09	ng/ul#	88
29) Benzo(g,h,i)perylene	29.59	276	39586m	1.36	ng/ul	

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

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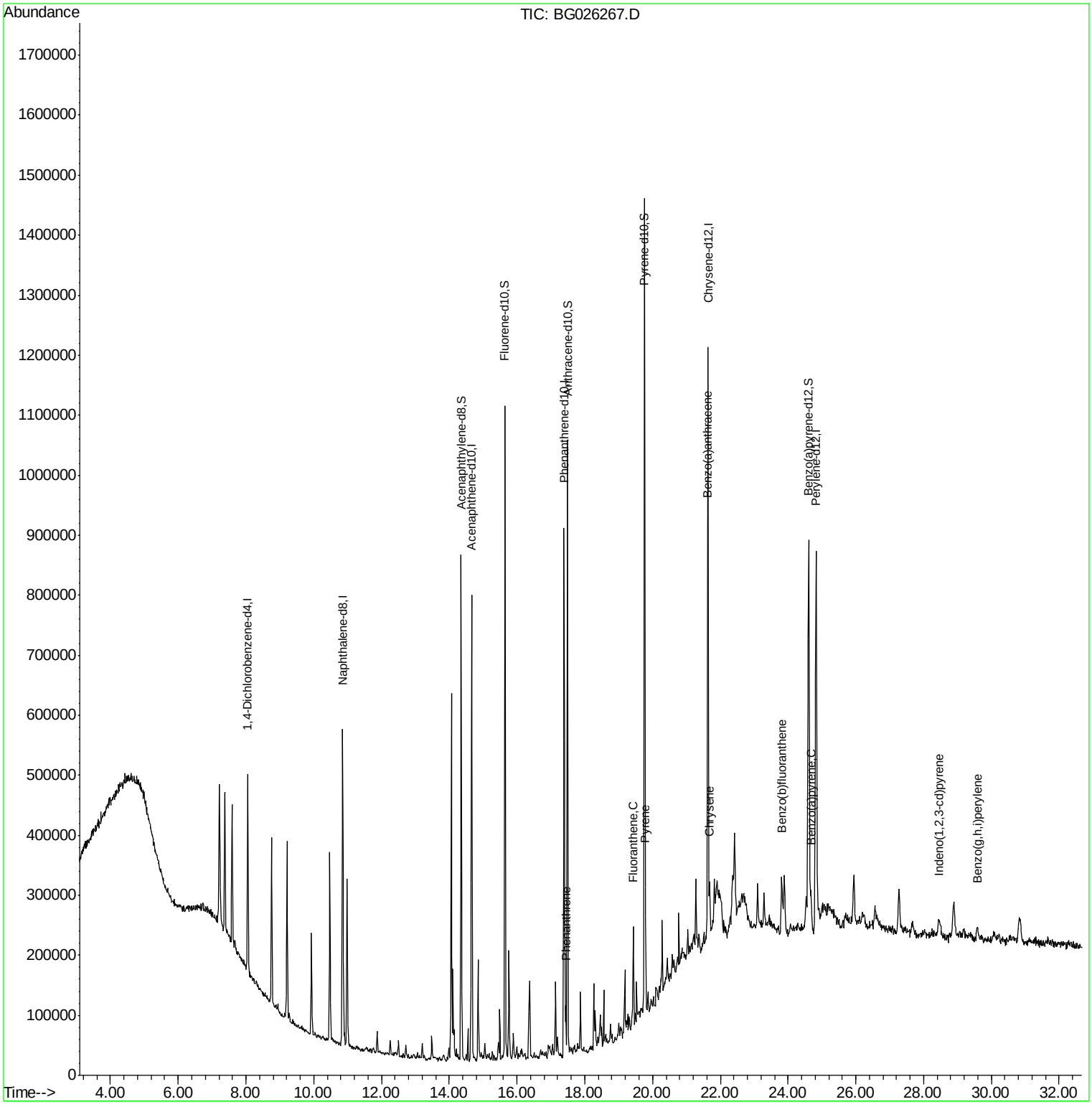
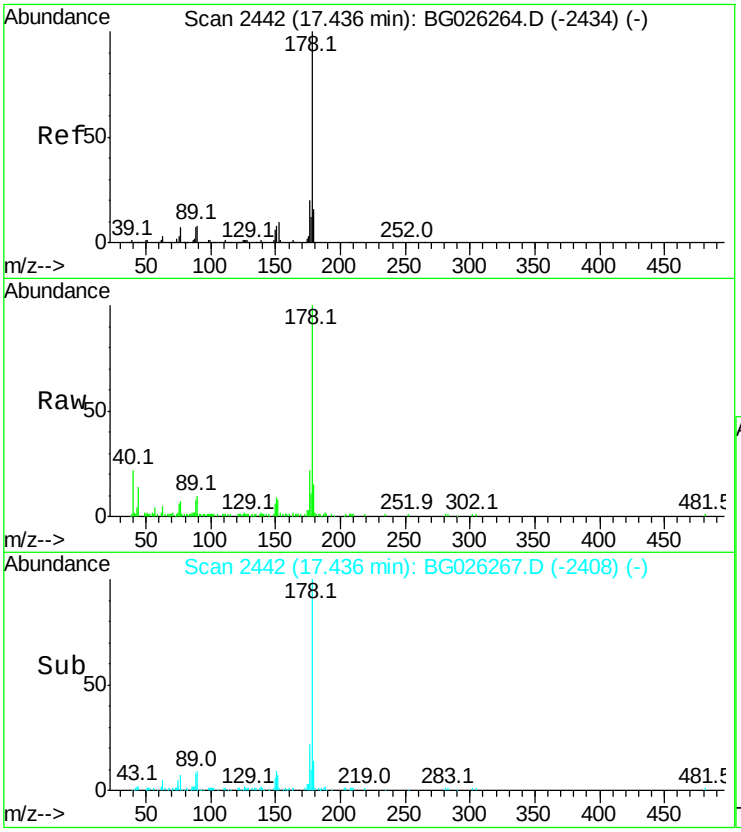
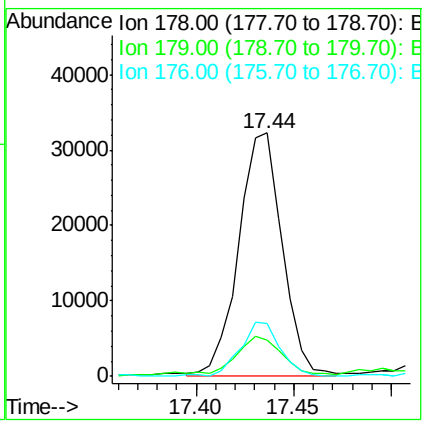




#13
Phenanthrene
Concen: 1.80 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:178 Resp: 49610

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	21.5	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DABH1

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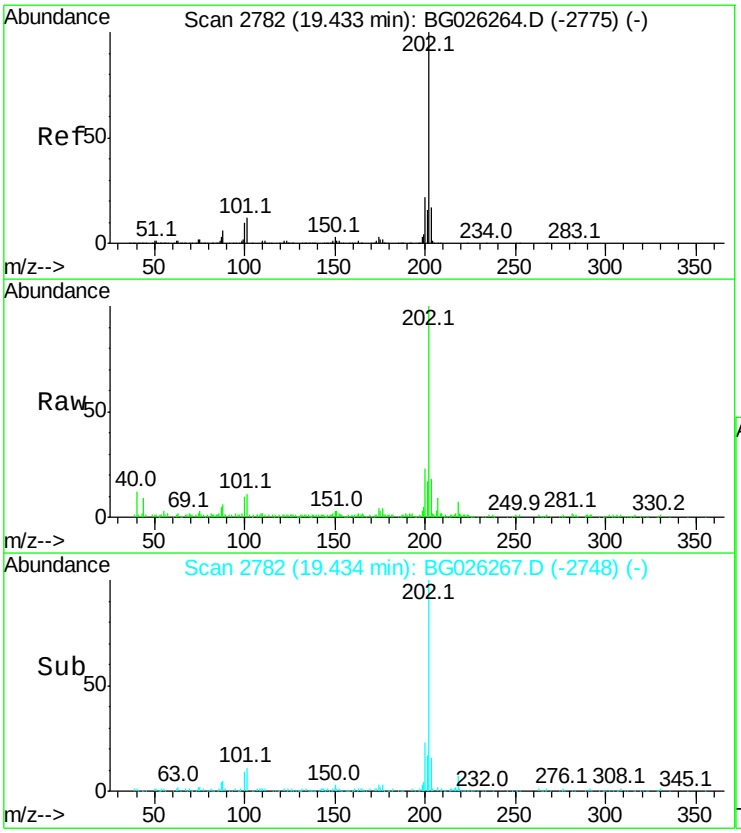
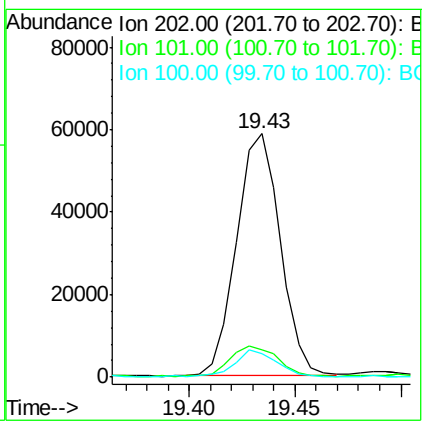
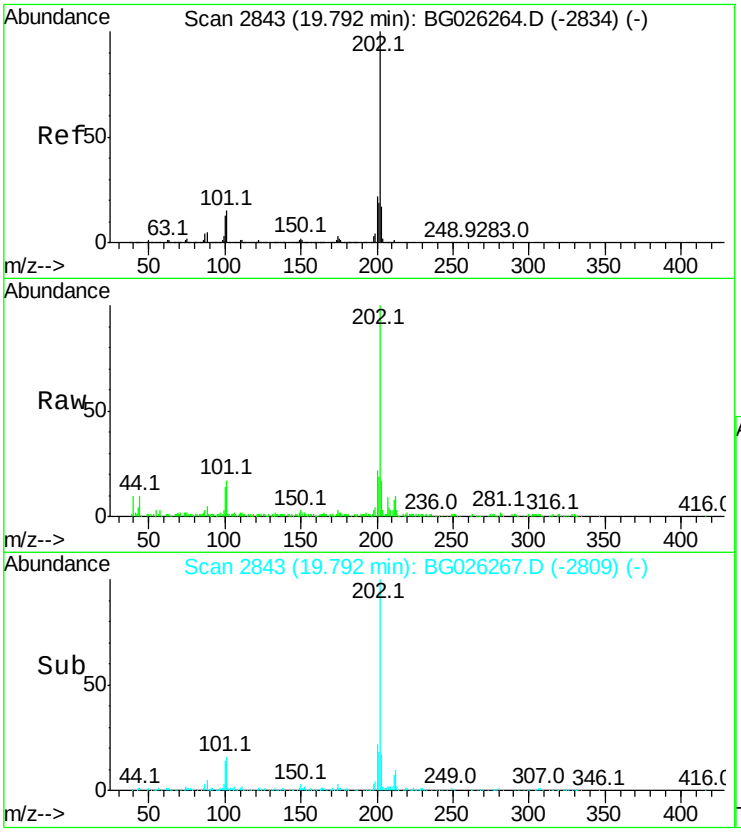


#16
Fluoranthene
Concen: 2.78 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:202 Resp: 84191

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.9	14.9
100	9.8	7.4	11.0





#19
Pyrene
Concen: 2.50 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:202 Resp: 83864

Ion	Ratio	Lower	Upper
202	100		
101	16.6	11.0	16.4#
100	13.8	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DABH1

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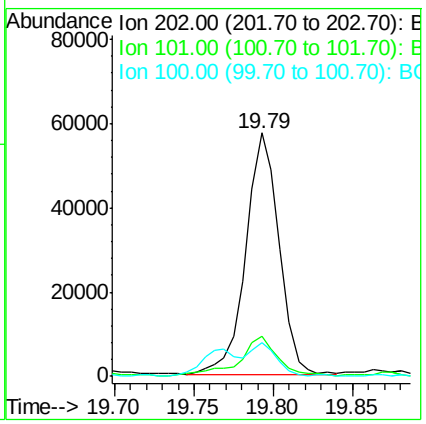
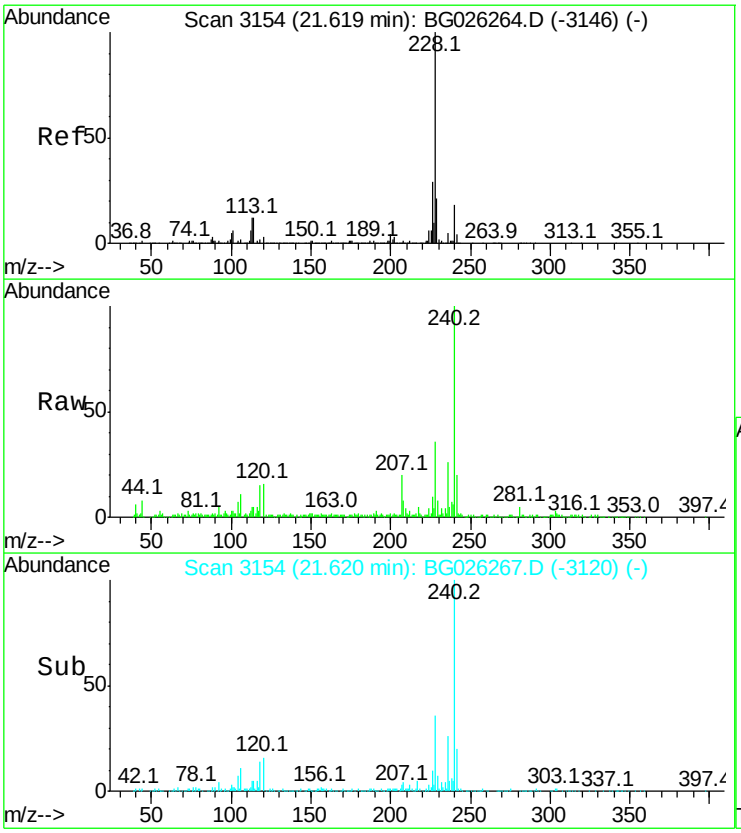
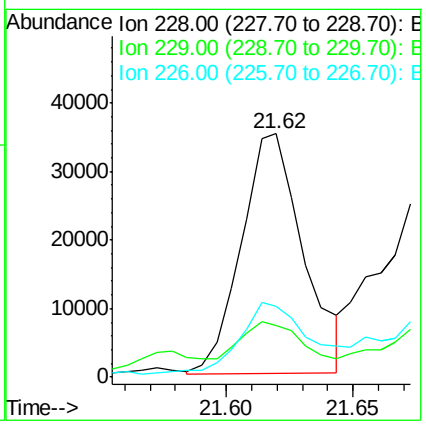


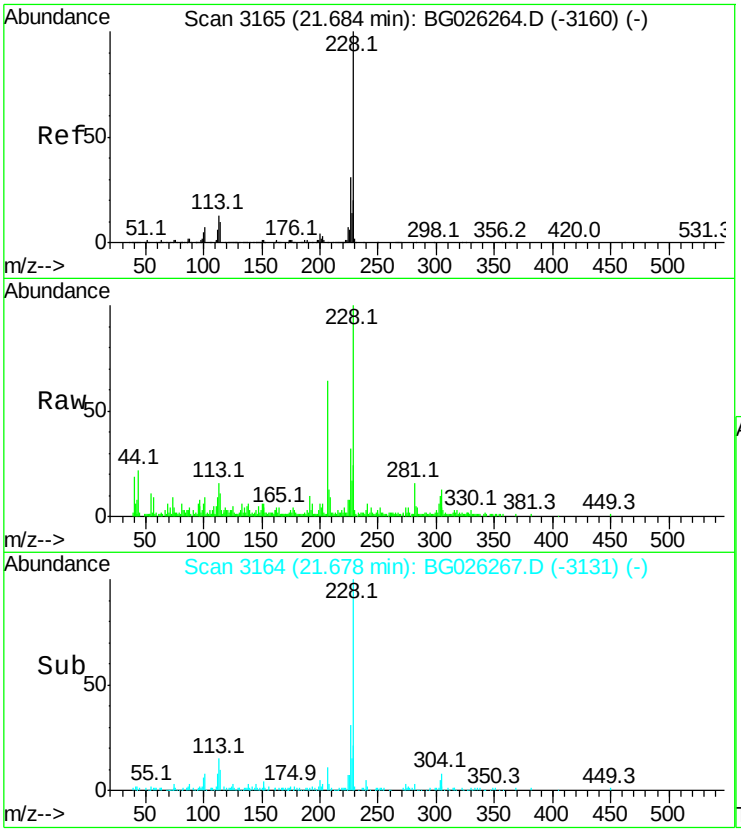


#20
Benzo(a)anthracene
Concen: 1.92 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:228 Resp: 59948

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	28.9	21.1	31.7





#21
Chrysene
Concen: 2.23 ng/ul m
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:228 Resp: 66499

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.5	36.7
229	23.8	15.8	23.8#

Instrument :
BNA_G
ClientSampleId :
DABH1

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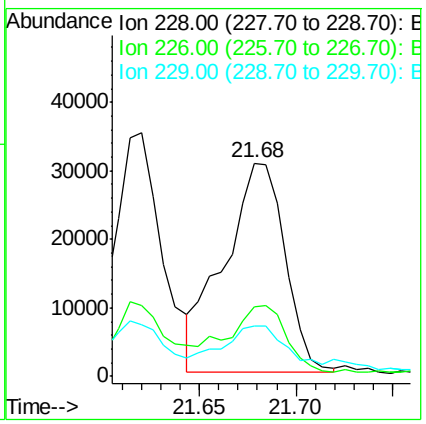
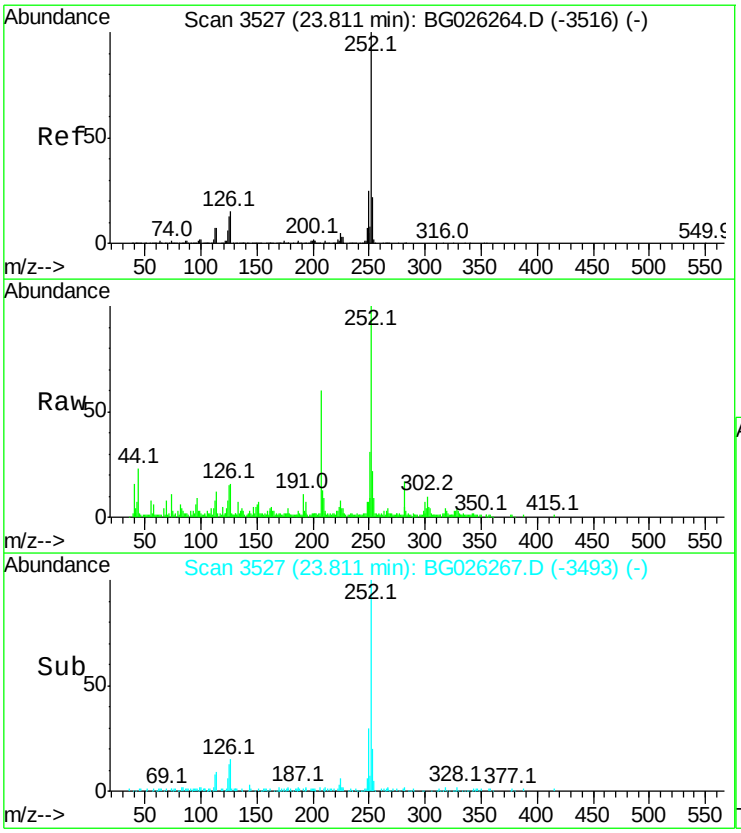
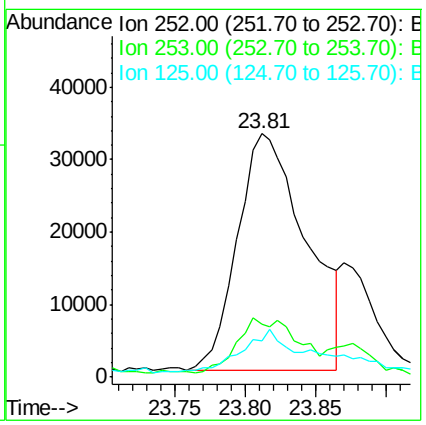


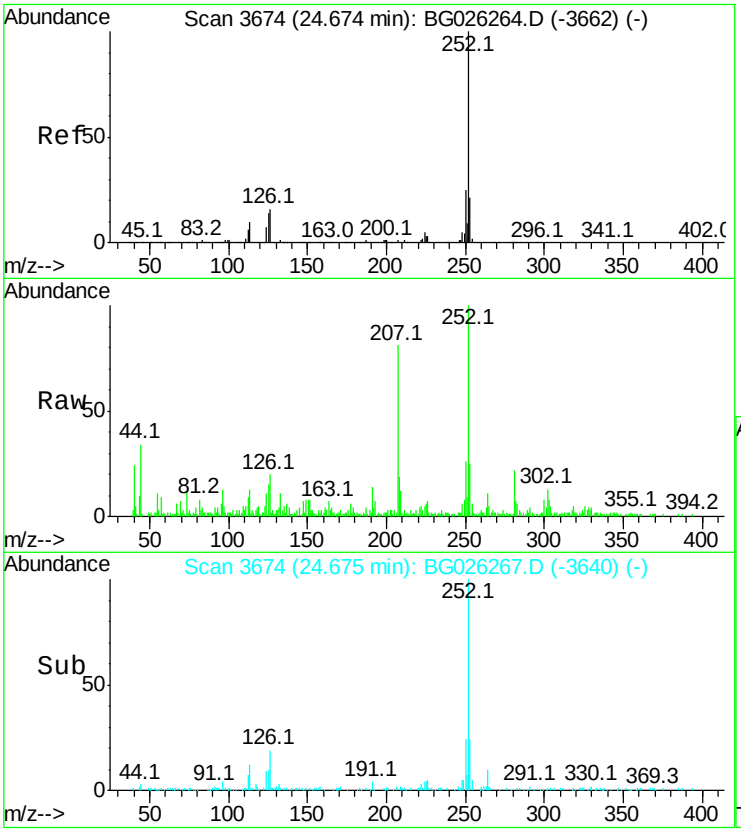


#23
Benzo(b)fluoranthene
Concen: 3.56 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:252 Resp: 110982

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	15.1	8.0	12.0#





#26
Benzo(a)pyrene
Concen: 2.10 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:252 Resp: 63401

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	14.7	8.2	12.4#

Instrument :
BNA_G
ClientSampleId :
DABH1

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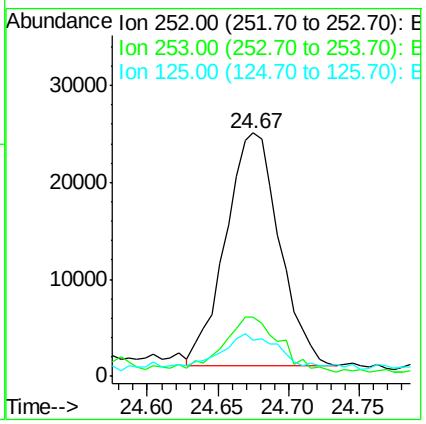
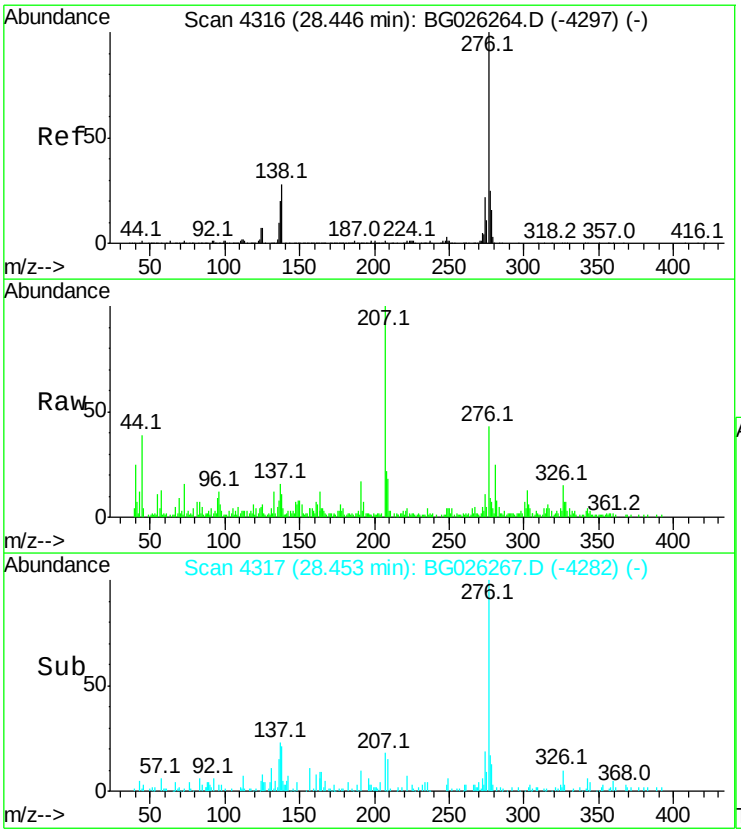
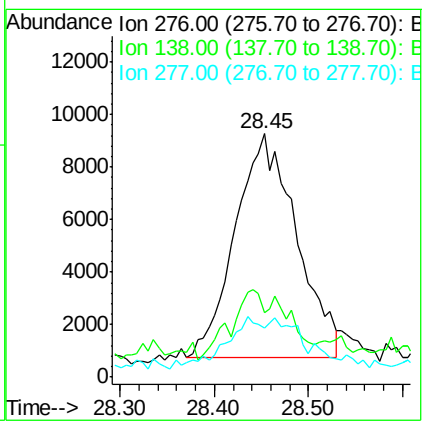


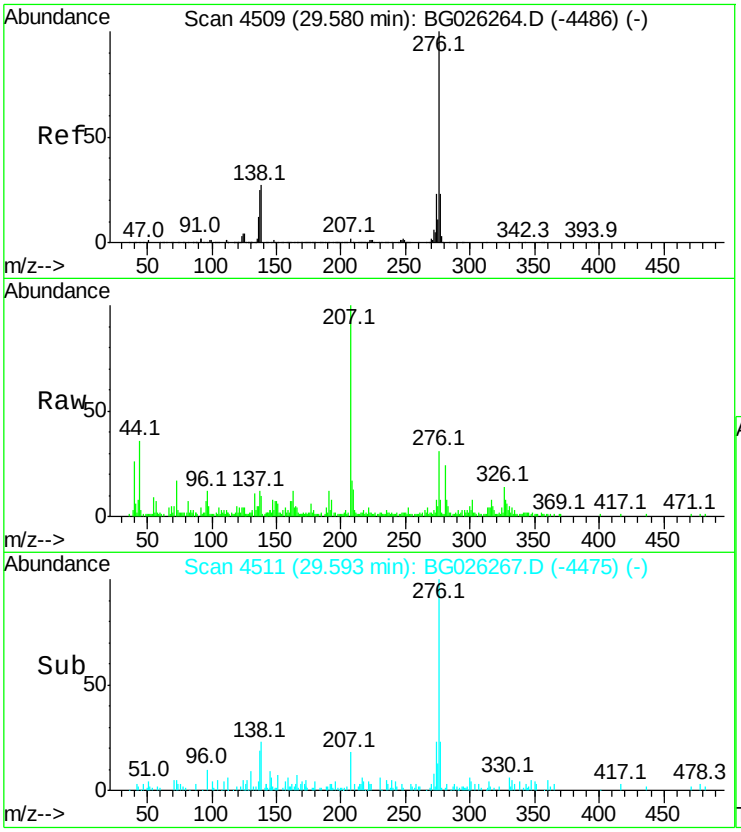


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.09 ng/ul
RT: 28.45 min Scan# 4317
Delta R.T. 0.01 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:276 Resp: 38334

Ion	Ratio	Lower	Upper
276	100		
138	26.7	14.4	21.6#
277	19.9	18.0	27.0

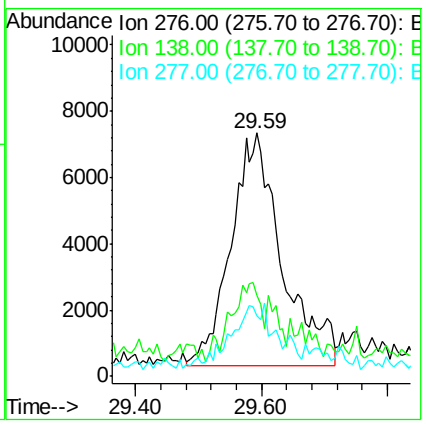




#29
Benzo(g,h,i)perylene
Concen: 1.36 ng/ul m
RT: 29.59 min Scan# 4511
Delta R.T. 0.01 min
Lab File: BG026267.D
Acq: 16 Mar 2017 13:20

Tgt Ion:276 Resp: 39586

Ion	Ratio	Lower	Upper
276	100		
138	33.5	15.3	22.9#
277	24.9	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
DABH1

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