Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026255.D
Acq On : 16 Mar 2017 4:51
Operator : SJ/MA
Sample : I2236-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABG9

Manual Integrations APPROVED
mohammad
3/17/2017 1:08:51 PM

Quant Time: Mar 16 06:54:01 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	87294	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	451909	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	251522	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	547304	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	598752	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	573585	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	379085	18.20	ng/ul	0.00
10) Fluorene-d10	15.64	176	266595	16.67	ng/ul	0.00
14) Anthracene-d10	17.49	188	385553	15.58	ng/ul	0.00
18) Pyrene-d10	19.76	212	428077	14.83	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	404014	15.92	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.43	178	85441	2.93	ng/ul	99
16) Fluoranthene	19.43	202	193985	6.05	ng/ul	100
19) Pyrene	19.79	202	175453	4.84	ng/ul#	93
20) Benzo(a)anthracene	21.61	228	101494	3.01	ng/ul	97
21) Chrysene	21.68	228	109309	3.40	ng/ul	99
23) Benzo(b)fluoranthene	23.81	252	160190	4.83	ng/ul#	95
24) Benzo(k)fluoranthene	23.87	252	45075m	1.41	ng/ul	
26) Benzo(a)pyrene	24.66	252	98476	3.07	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.43	276	72822m	1.94	ng/ul	
29) Benzo(g,h,i)perylene	29.56	276	69713m	2.25	ng/ul	

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

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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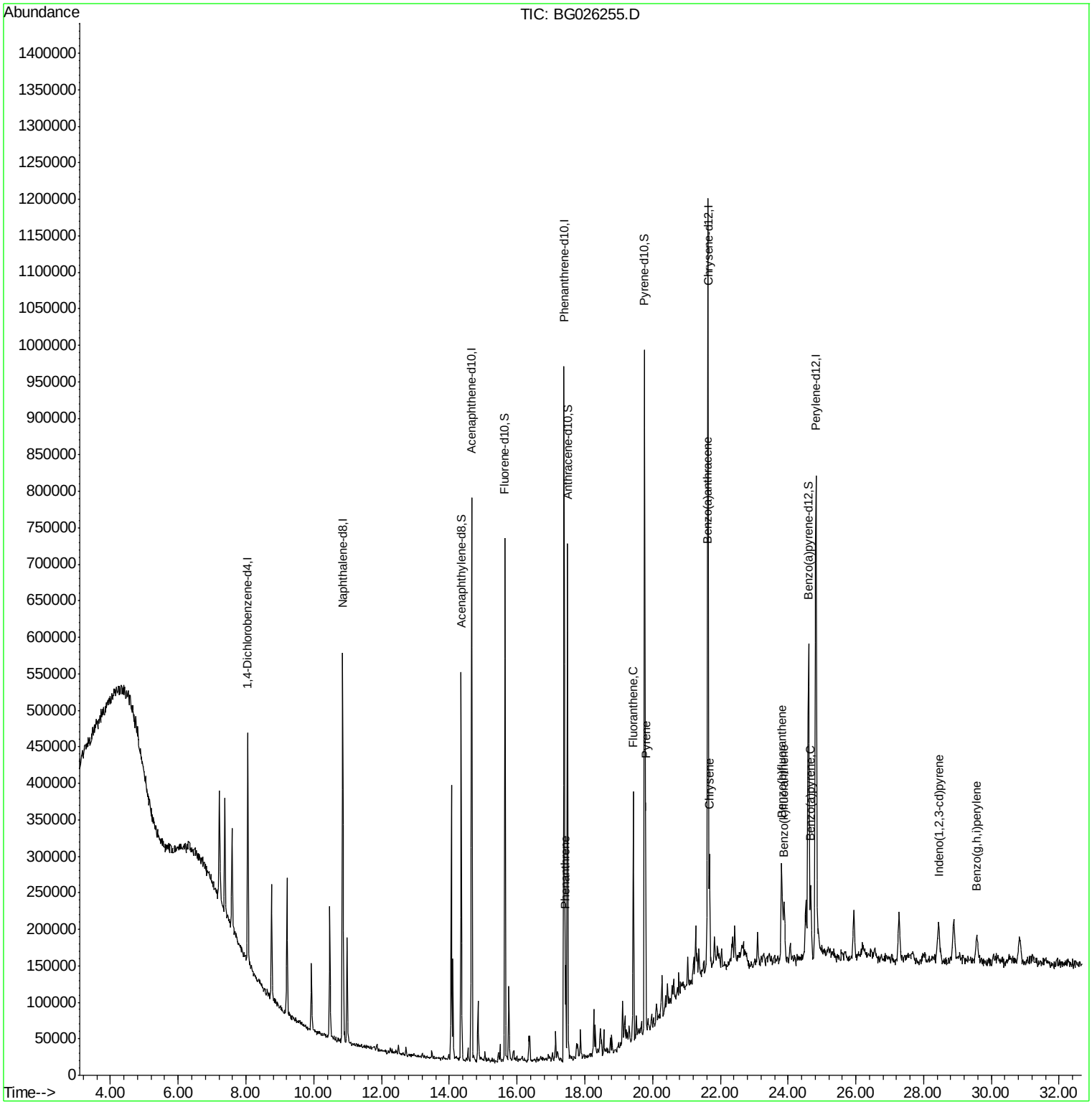
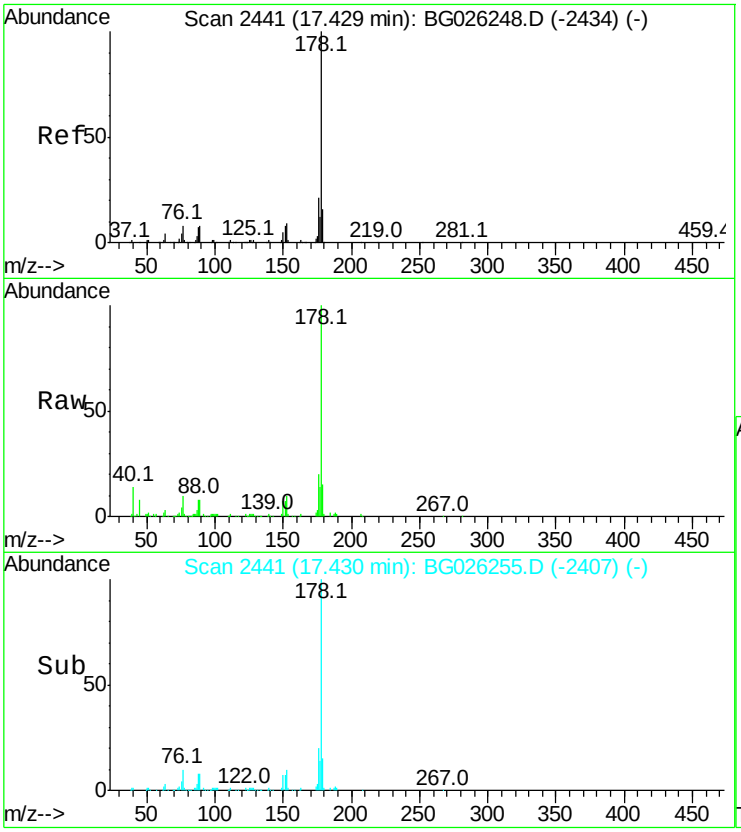
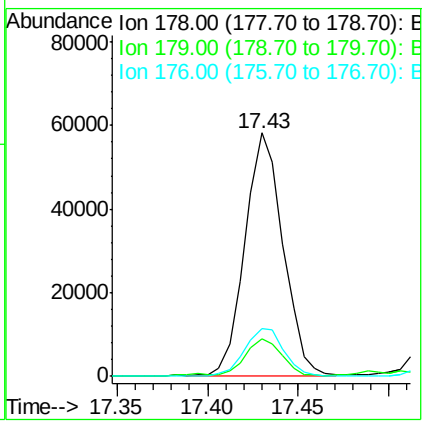




#13
Phenanthrene
Concen: 2.93 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:178 Resp: 85441

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.8	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DABG9

Manual Integrations APPROVED
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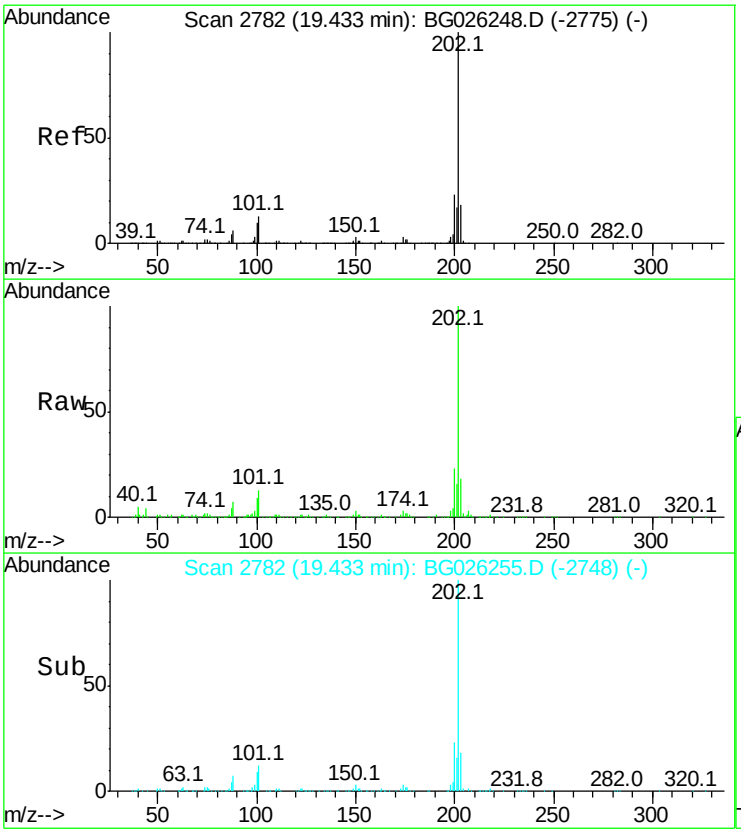
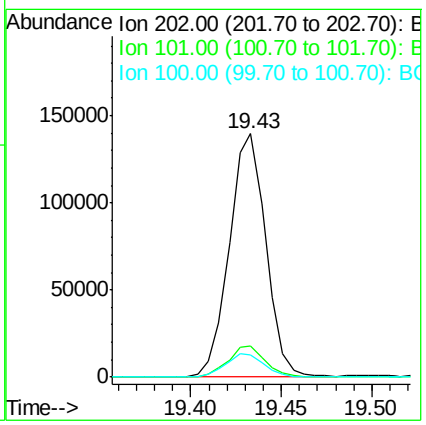
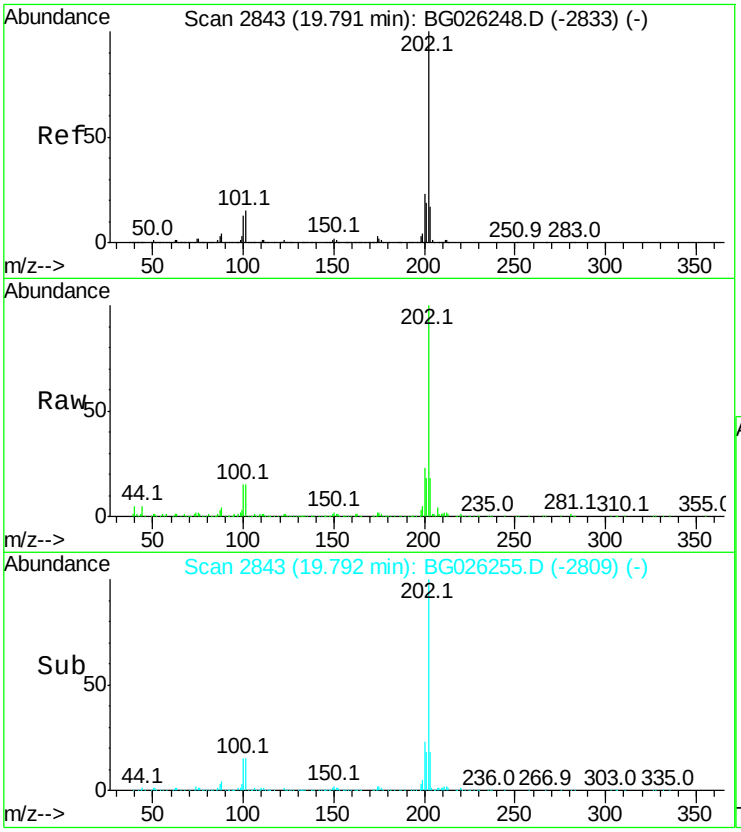


#16
Fluoranthene
Concen: 6.05 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:202 Resp: 193985

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.9	14.9
100	9.0	7.4	11.0

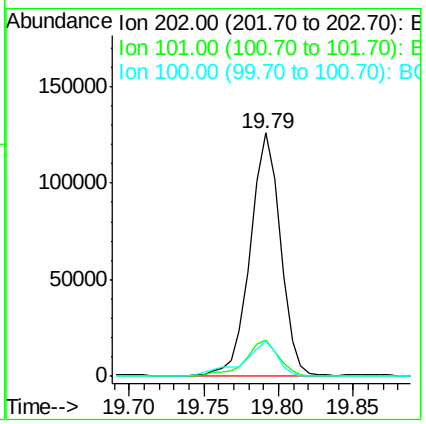




#19
Pyrene
Concen: 4.84 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:202 Resp: 175453

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.0	16.4
100	14.6	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DABG9

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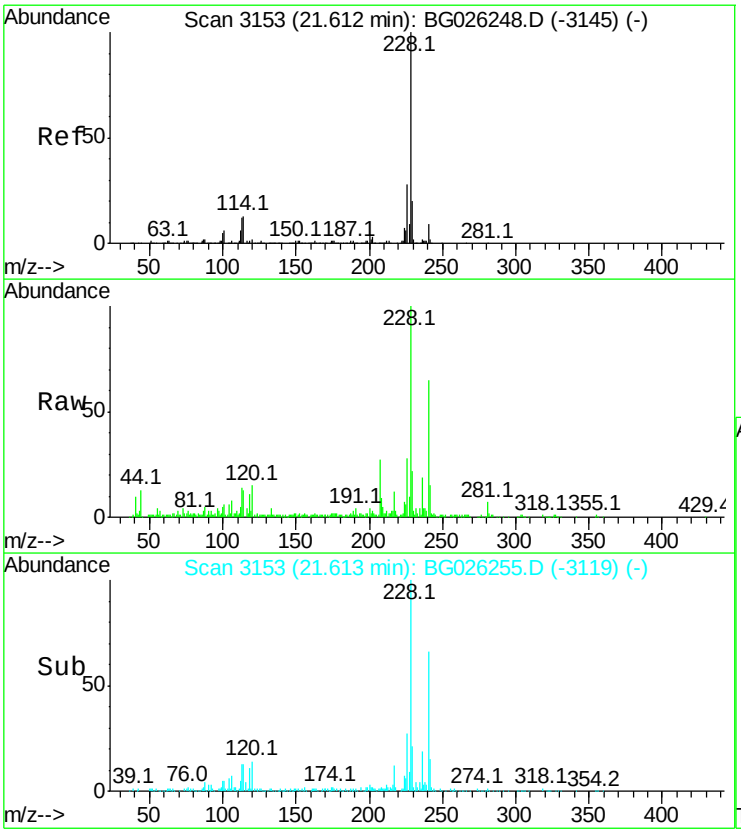
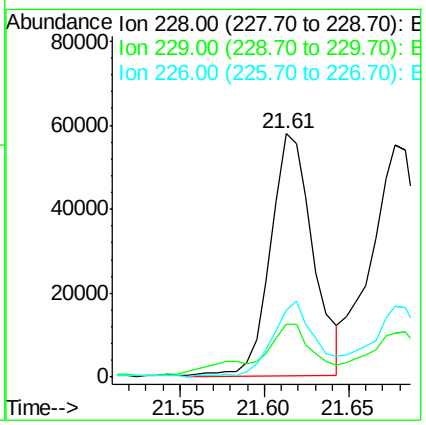
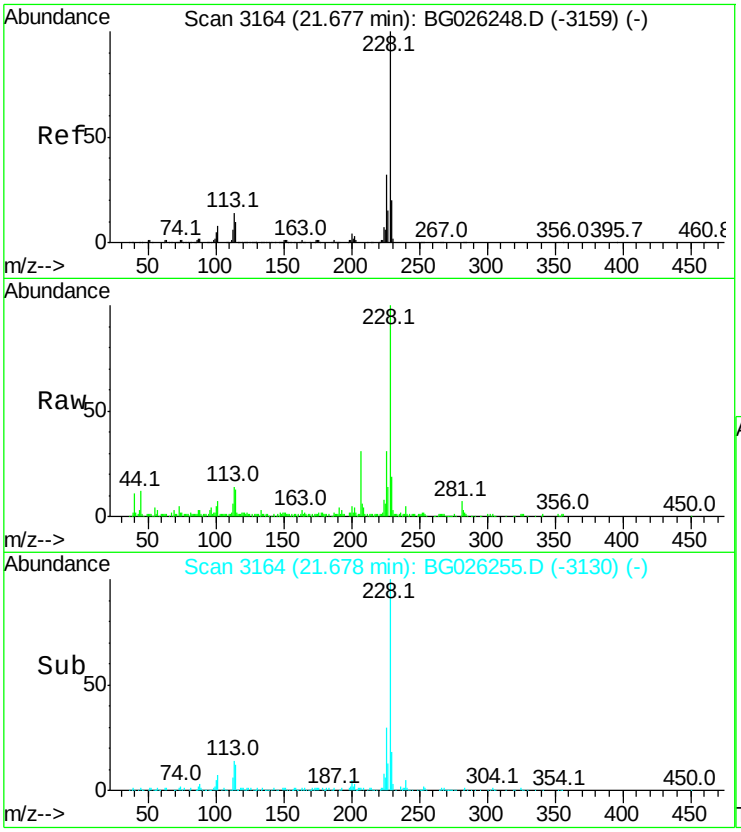


#20
Benzo(a)anthracene
Concen: 3.01 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:228 Resp: 101494

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	27.6	21.1	31.7

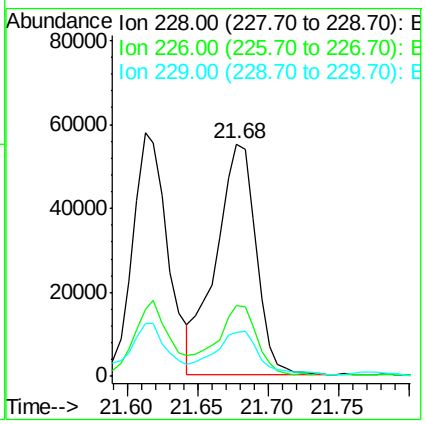




#21
Chrysene
Concen: 3.40 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:228 Resp: 109309

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	18.9	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
DABG9

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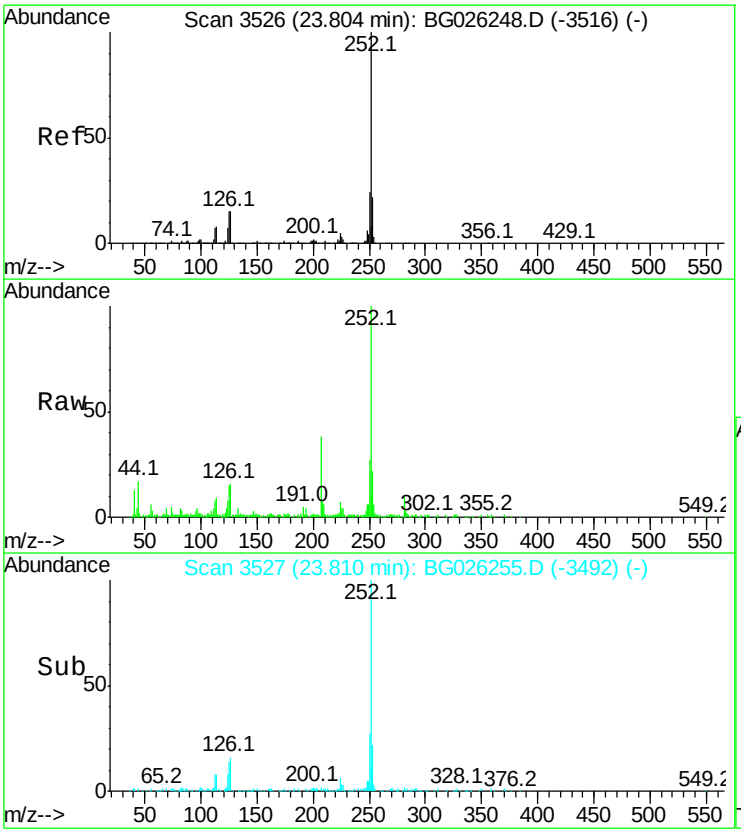
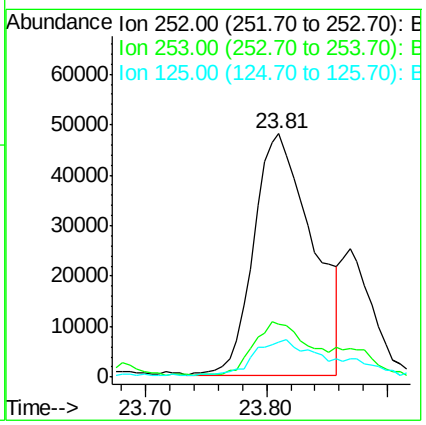
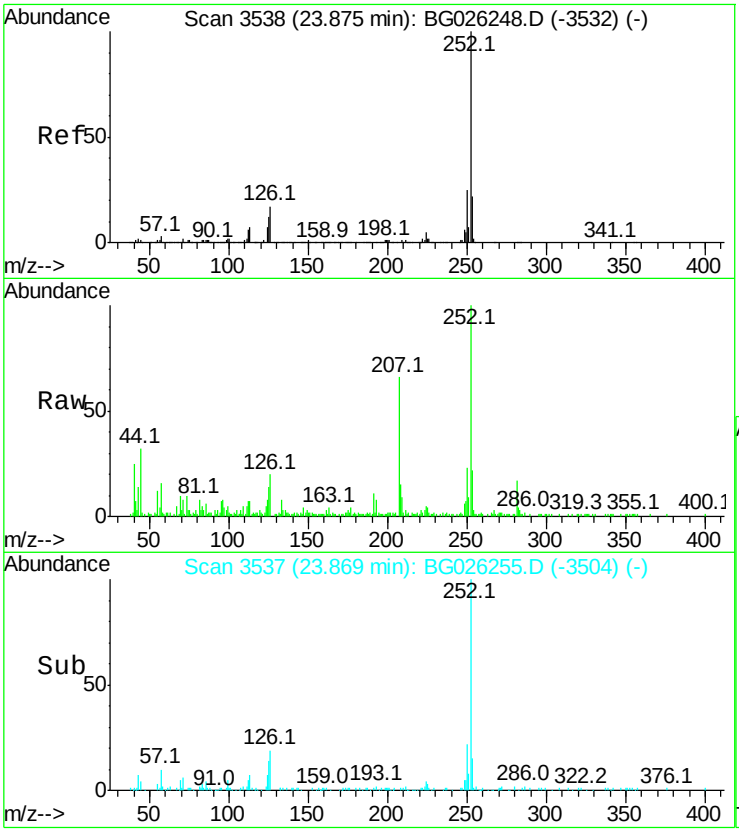


#23
Benzo(b)fluoranthene
Concen: 4.83 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:252 Resp: 160190

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	14.5	8.0	12.0#

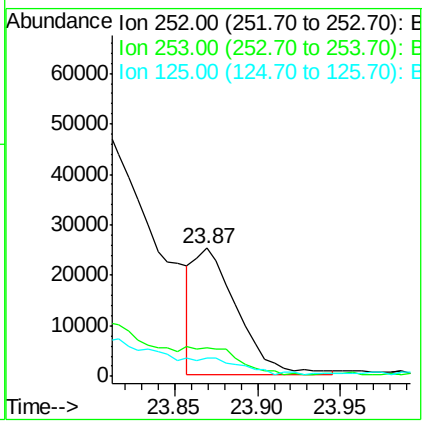




#24
Benzo(k)fluoranthene
Concen: 1.41 ng/ul m
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:252 Resp: 45075

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	14.1	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DABG9

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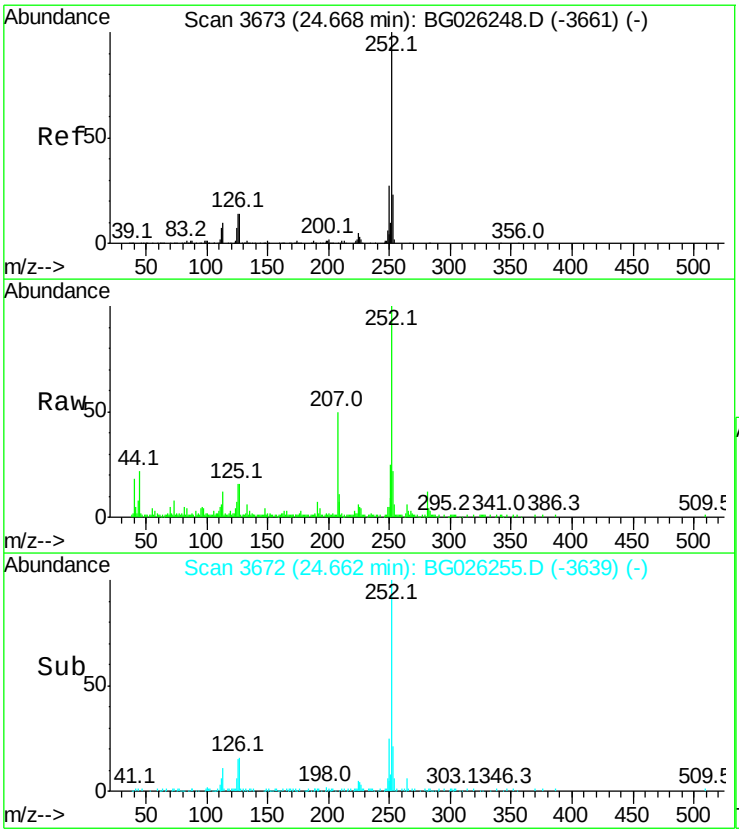
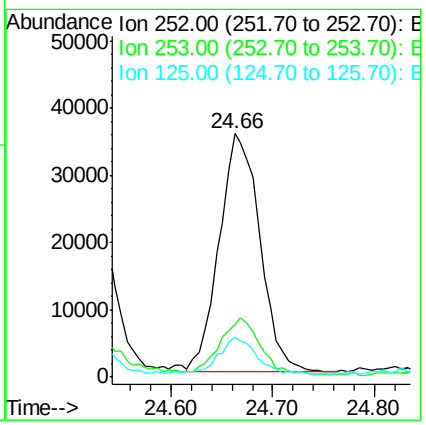
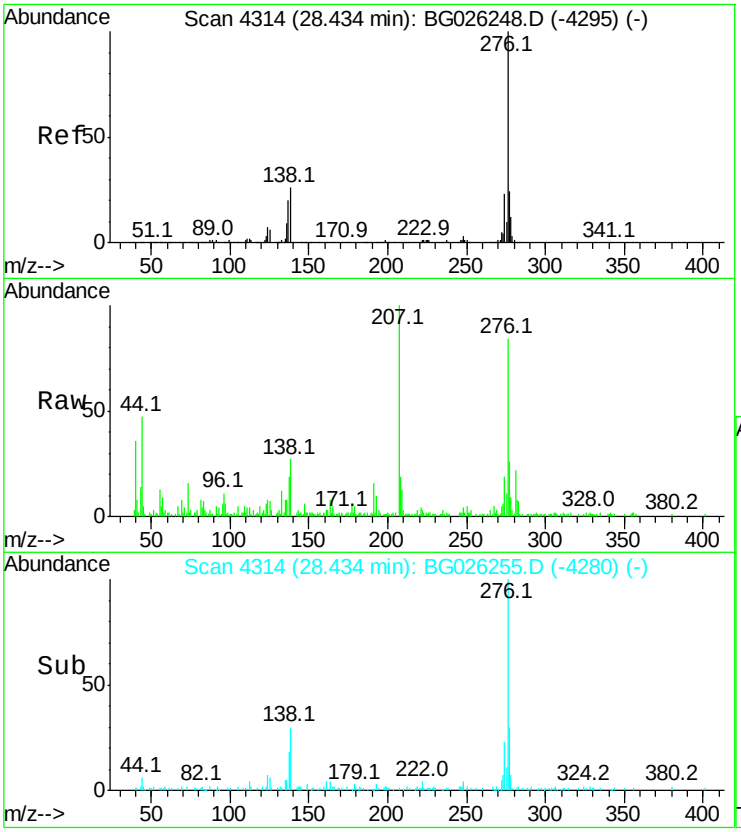


#26
Benzo(a)pyrene
Concen: 3.07 ng/ul
RT: 24.66 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:252 Resp: 98476

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	16.4	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.94 ng/ul m
RT: 28.43 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:276 Resp: 72822

Ion	Ratio	Lower	Upper
276	100		
138	32.0	14.4	21.6#
277	31.4	18.0	27.0#

Instrument :
BNA_G
ClientSampleId :
DABG9

Manual Integrations APPROVED
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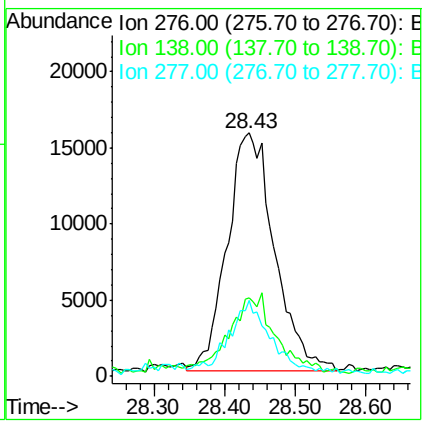

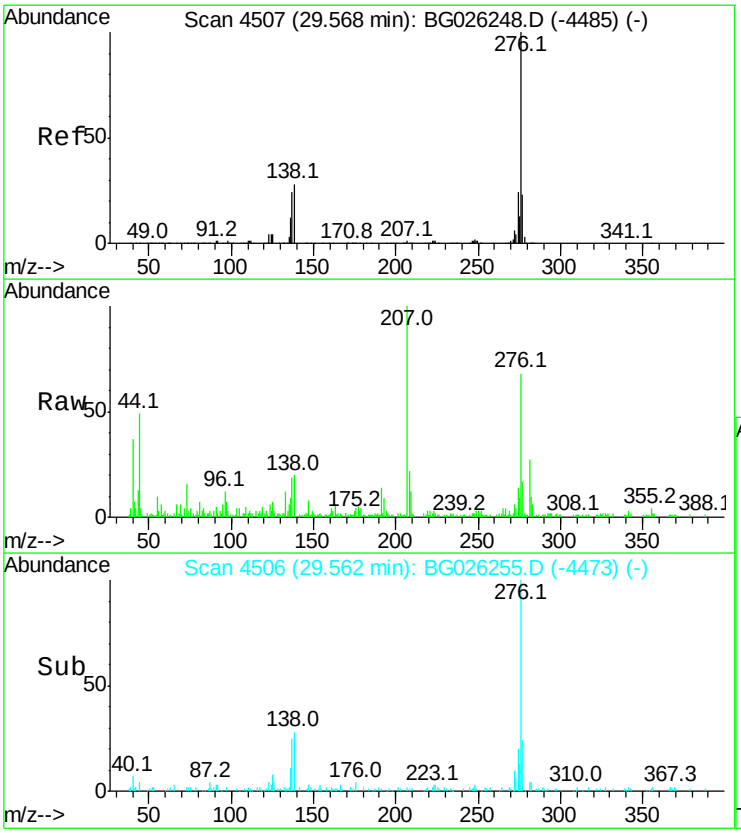

#29
Benzo(g,h,i)perylene
Concen: 2.25 ng/ul m
RT: 29.56 min Scan# 4506
Delta R.T. -0.01 min
Lab File: BG026255.D
Acq: 16 Mar 2017 4:51

Tgt Ion:276 Resp: 69713

Ion	Ratio	Lower	Upper
276	100		
138	28.9	15.3	22.9#
277	24.8	19.0	28.4