Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
Data File : BG025887.D
Acq On : 21 Feb 2017 00:02
Operator : SJ/MA
Sample : I1898-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB1

Manual Integrations APPROVED
mohammad
2/21/2017 10:34:02 AM

Quant Time: Feb 21 02:47:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 21 02:22:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	134732	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	679897	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	428533	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	933452	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	909833	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	872306	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	1016203	28.63	ng/ul	0.00
10) Fluorene-d10	15.67	176	738005	27.08	ng/ul	0.00
14) Anthracene-d10	17.51	188	1054944	25.00	ng/ul	0.00
18) Pyrene-d10	19.79	212	1070106	24.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	980692	25.40	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.46	178	133153	2.67	ng/ul	99
16) Fluoranthene	19.45	202	300124	5.48	ng/ul	98
19) Pyrene	19.82	202	249073	4.52	ng/ul	96
20) Benzo(a)anthracene	21.65	228	147281	2.88	ng/ul	96
21) Chrysene	21.71	228	159648	3.26	ng/ul	98
23) Benzo(b)fluoranthene	23.85	252	237193	4.71	ng/ul#	95
24) Benzo(k)fluoranthene	23.91	252	72400m	1.49	ng/ul	
26) Benzo(a)pyrene	24.72	252	142752	2.93	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	28.51	276	111120	1.95	ng/ul#	89
29) Benzo(g,h,i)perylene	29.66	276	105977m	2.25	ng/ul	

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

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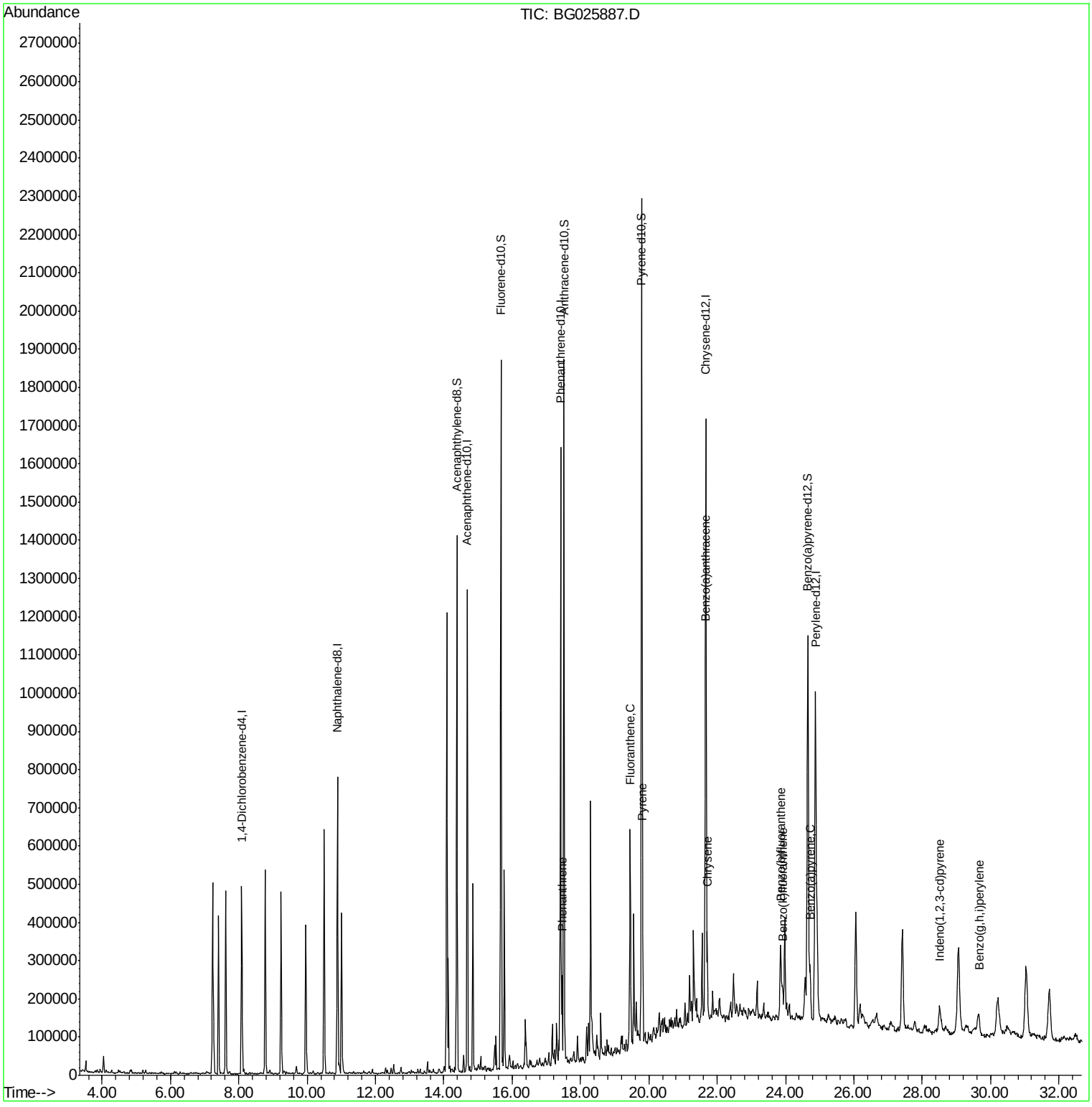
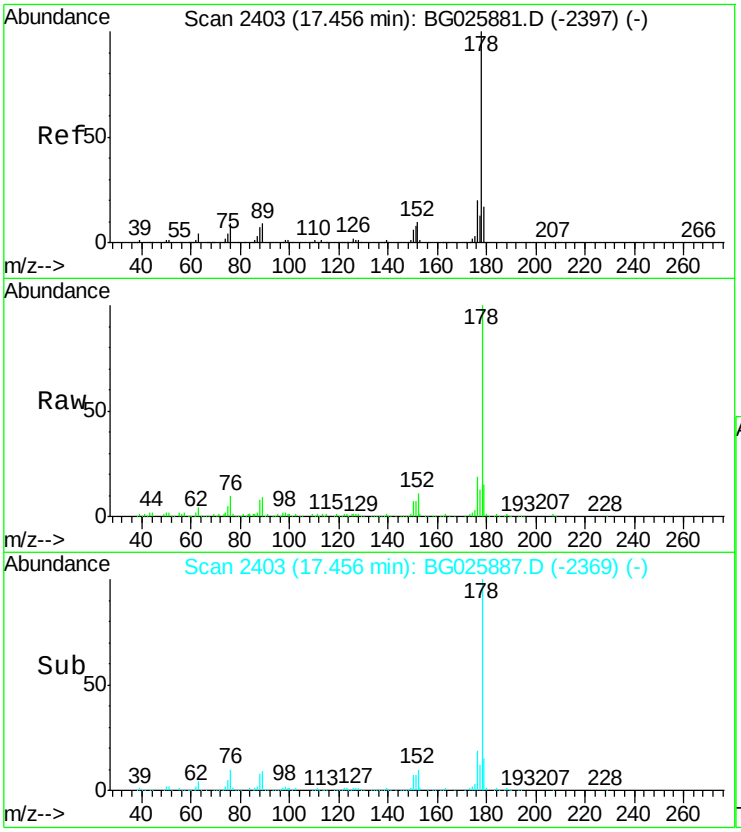
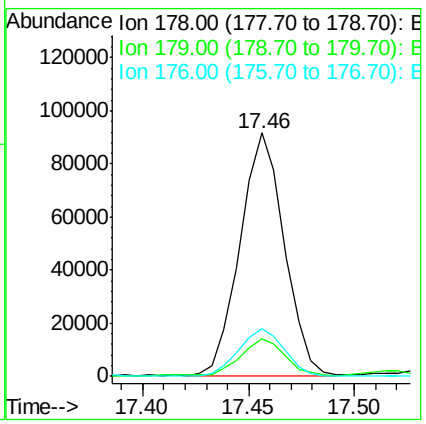




#13
Phenanthrene
Concen: 2.67 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:178 Resp: 133153

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.4	15.1	22.7



Instrument :
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ClientSampleId :
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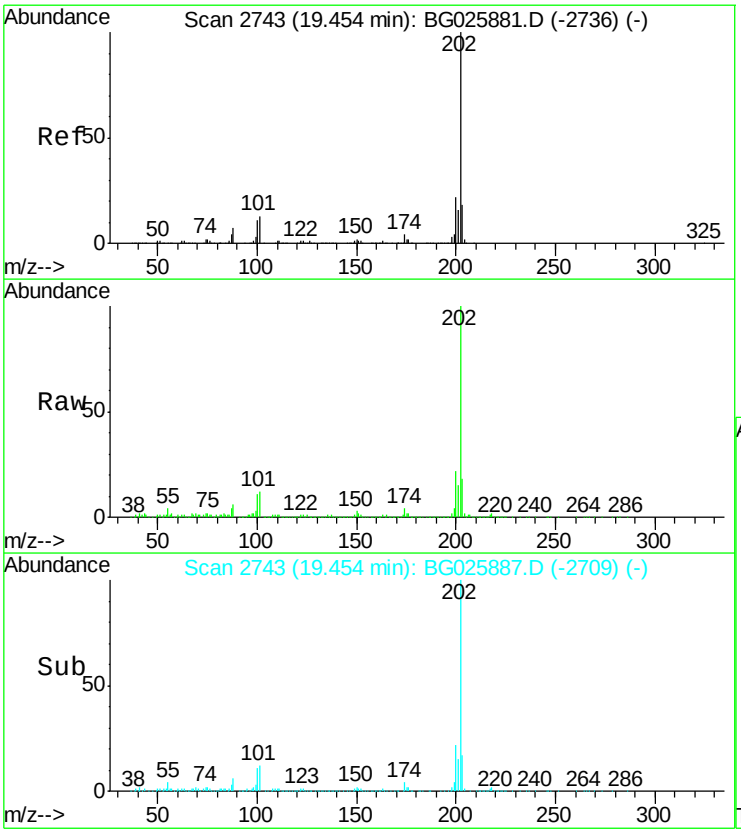
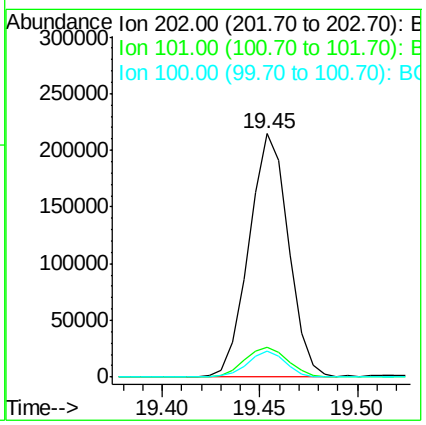
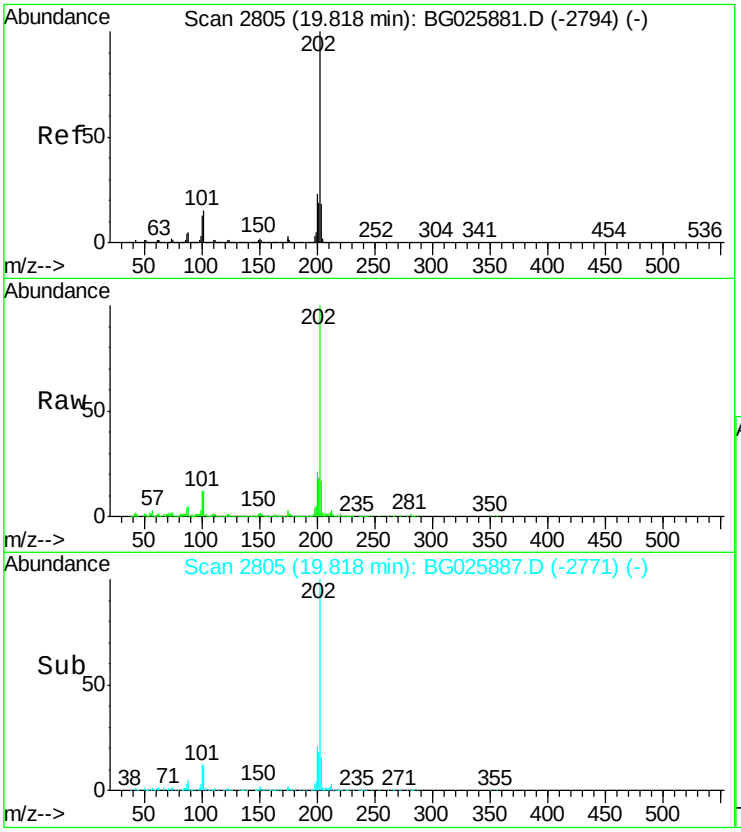


#16
Fluoranthene
Concen: 5.48 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:202 Resp: 300124

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.9	14.9
100	10.8	7.4	11.0

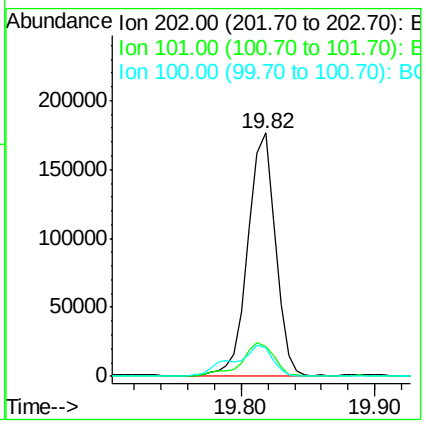




#19
Pyrene
Concen: 4.52 ng/ul
RT: 19.82 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:202 Resp: 249073

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.0	16.4
100	11.9	8.1	12.1



Instrument :
BNA_G
ClientSampleId :
DABB1

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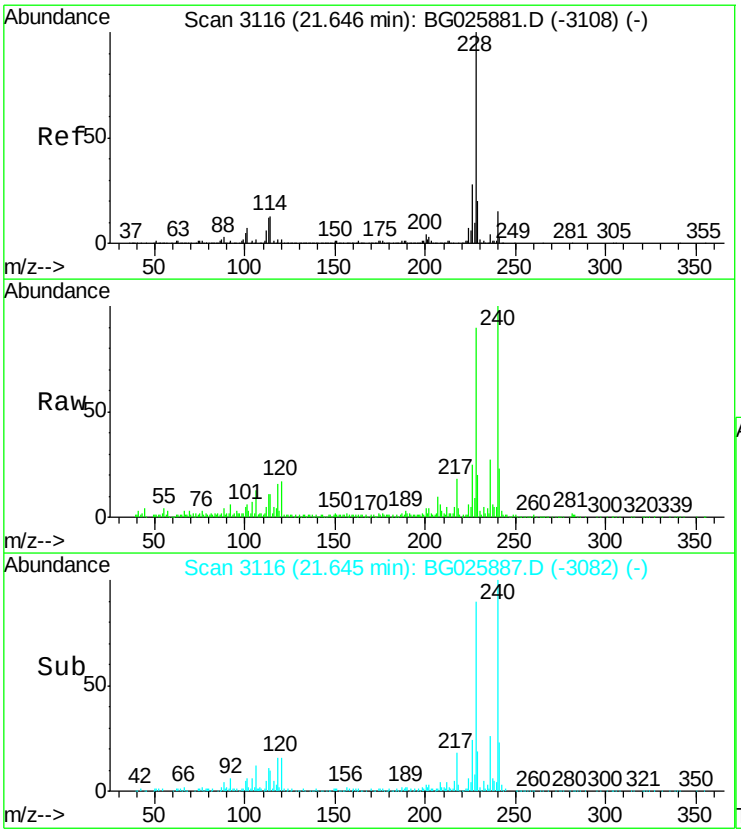
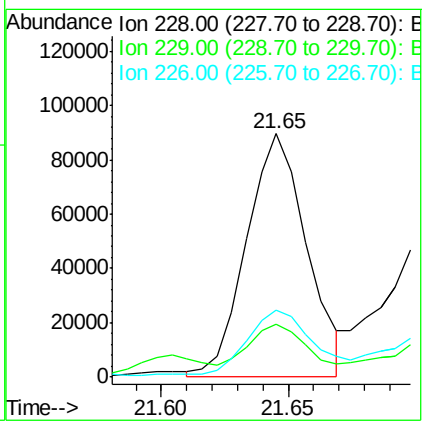
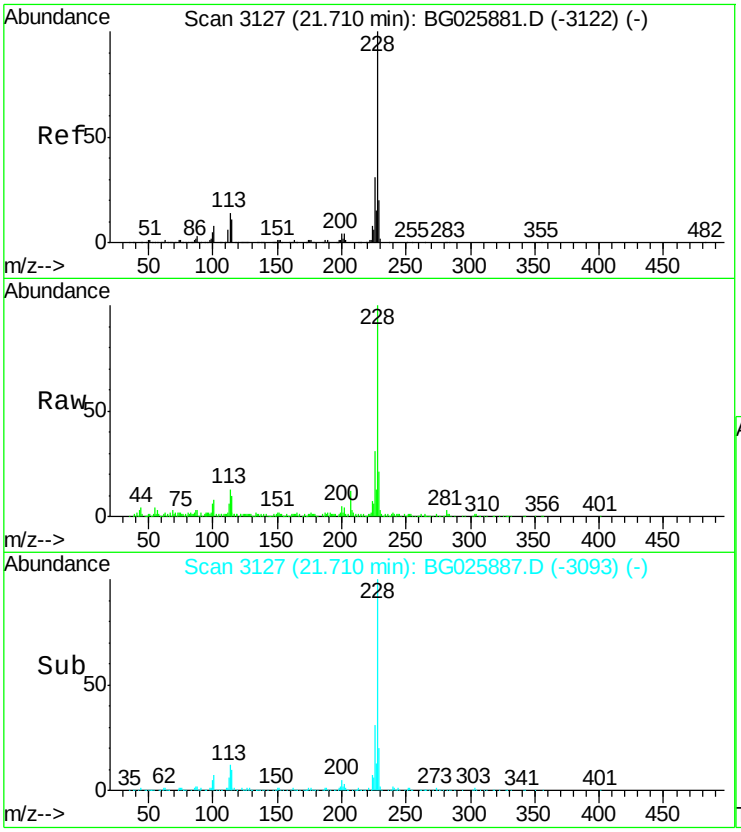


#20
Benzo(a)anthracene
Concen: 2.88 ng/ul
RT: 21.65 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:228 Resp: 147281

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	27.6	21.1	31.7

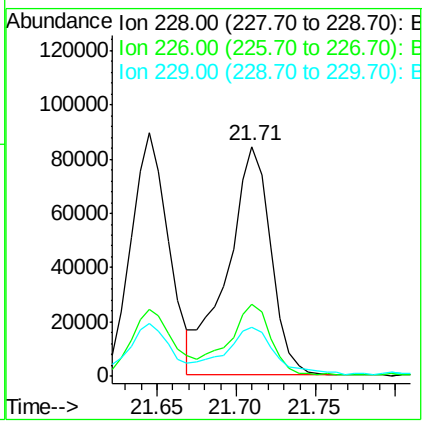




#21
Chrysene
Concen: 3.26 ng/ul
RT: 21.71 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:228 Resp: 159648

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	21.2	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
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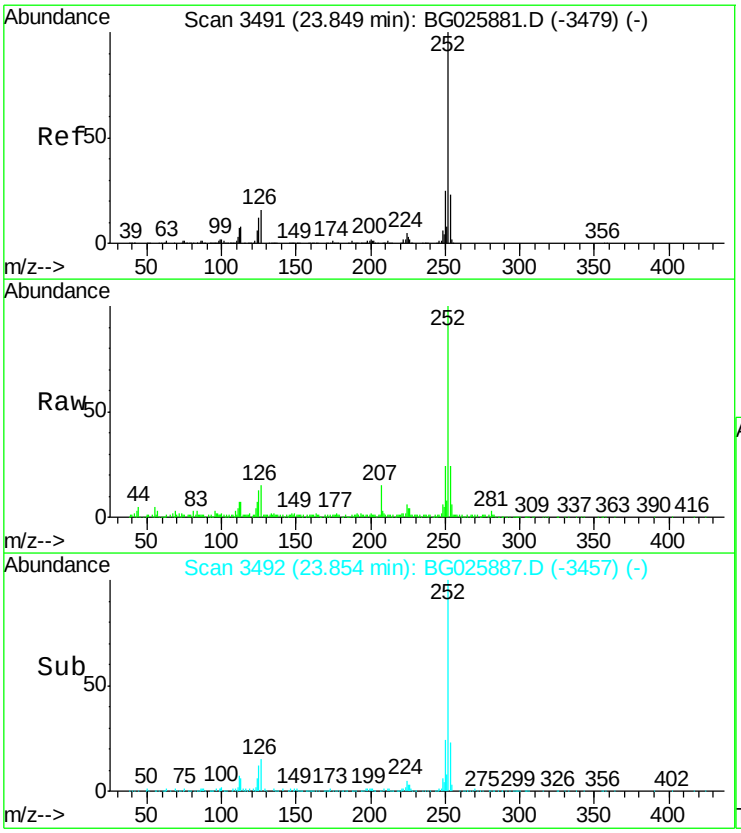
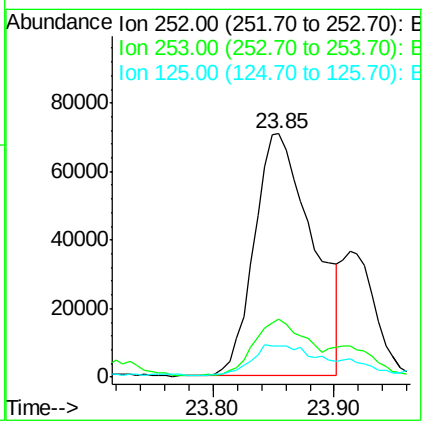
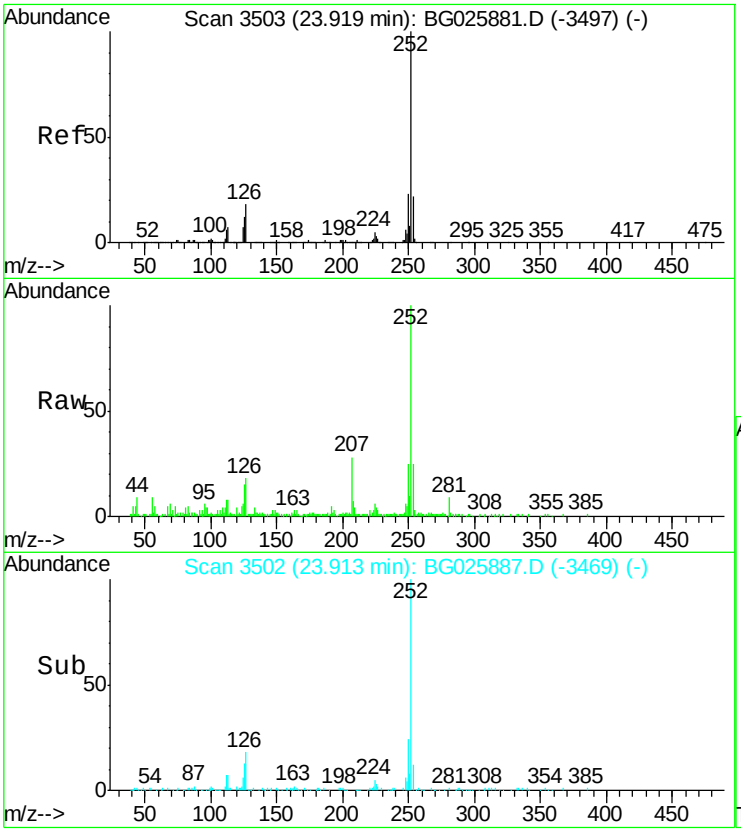


#23
Benzo(b)fluoranthene
Concen: 4.71 ng/ul
RT: 23.85 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:252 Resp: 237193

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	13.0	8.0	12.0#

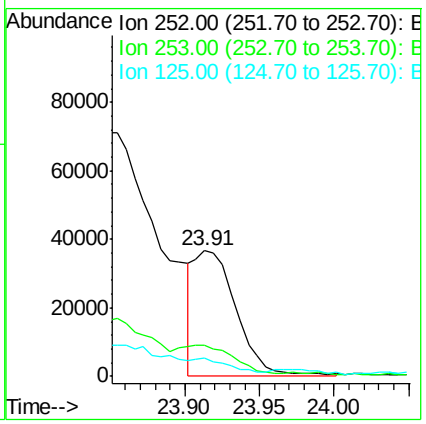




#24
Benzo(k)fluoranthene
Concen: 1.49 ng/ul m
RT: 23.91 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:252 Resp: 72400

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	14.8	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DABB1

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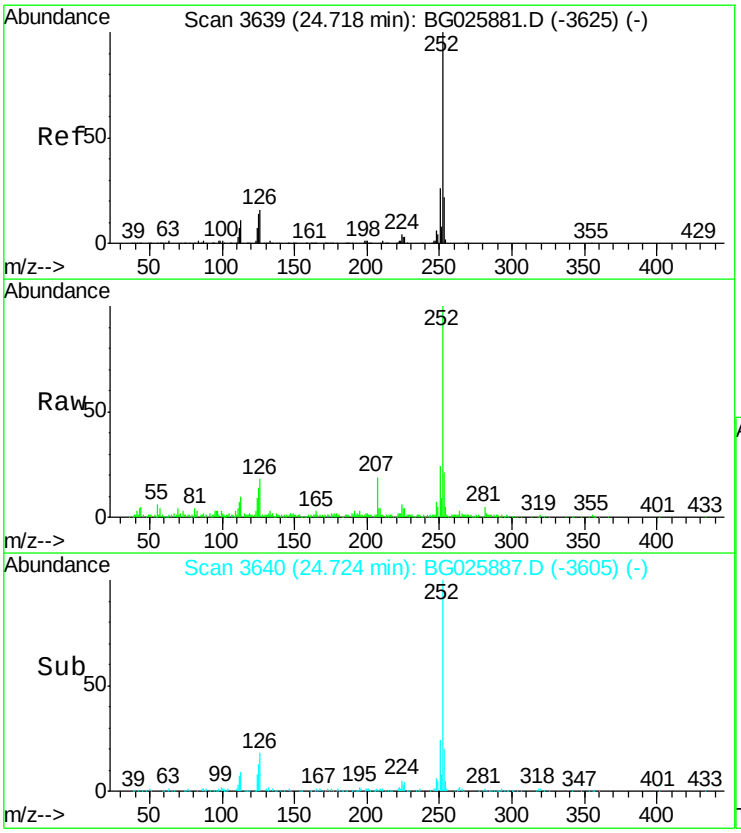
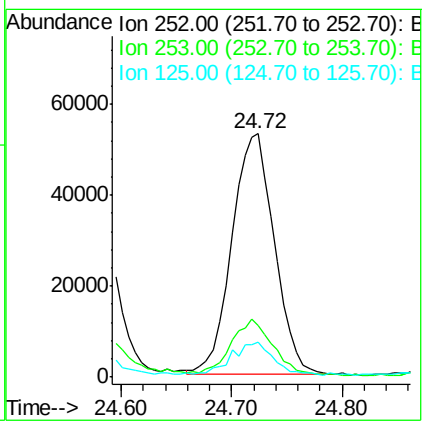
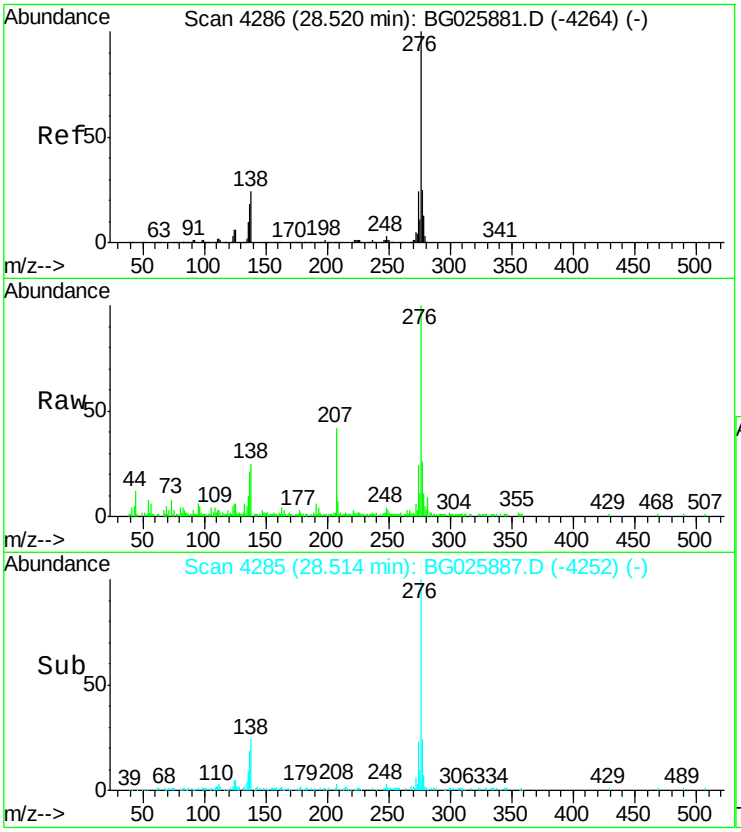


#26
Benzo(a)pyrene
Concen: 2.93 ng/ul
RT: 24.72 min Scan# 3640
Delta R.T. 0.01 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:252 Resp: 142752

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	14.4	8.2	12.4#

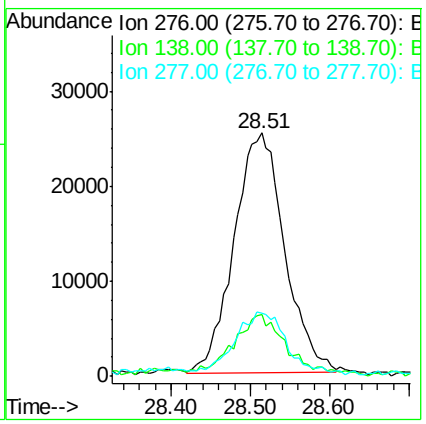




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.95 ng/ul
RT: 28.51 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:276 Resp: 111120

Ion	Ratio	Lower	Upper
276	100		
138	25.5	14.4	21.6#
277	25.7	18.0	27.0



Instrument :
BNA_G
ClientSampleId :
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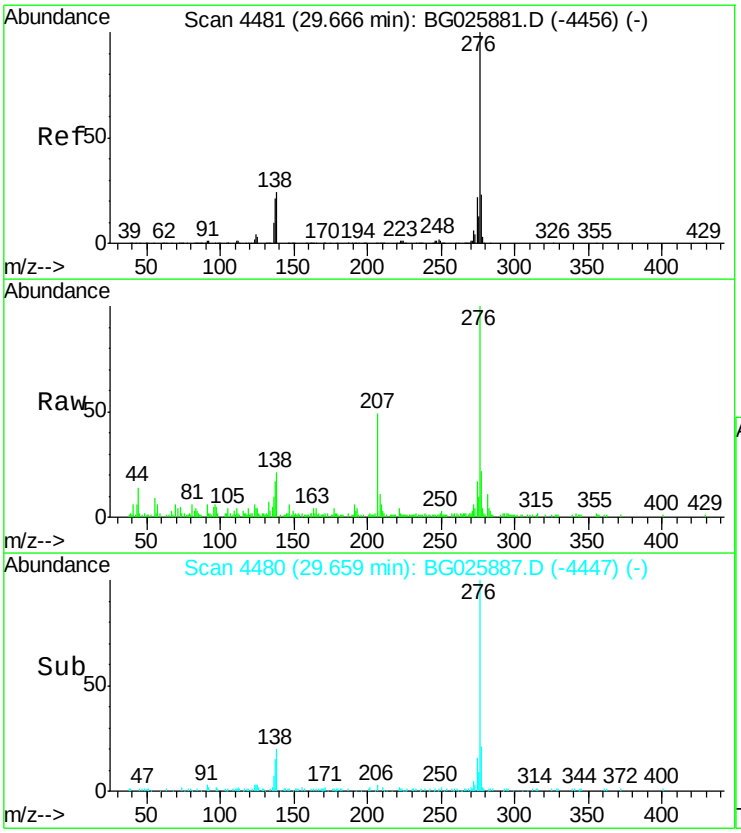

#29
Benzo(g,h,i)perylene
Concen: 2.25 ng/ul m
RT: 29.66 min Scan# 4480
Delta R.T. -0.01 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:276 Resp: 105977

Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.3	22.9
277	22.4	19.0	28.4