Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
Data File : BG025885.D
Acq On : 20 Feb 2017 22:43
Operator : SJ/MA
Sample : I1898-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB0MS

Manual Integrations APPROVED
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2/21/2017 10:33:57 AM

Quant Time: Feb 21 02:40:11 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	8.09	152	110876	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	546037	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	348172	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	796205	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	781005	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	749504	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	1019315	35.35	ng/ul	0.00
10) Fluorene-d10	15.67	176	760439	34.34	ng/ul	0.00
14) Anthracene-d10	17.51	188	1126471	31.29	ng/ul	0.00
18) Pyrene-d10	19.79	212	1146383	30.45	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	1053493	31.76	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.75	153	718186	34.03	ng/ul	96
13) Phenanthrene	17.46	178	96657	2.28	ng/ul	97
16) Fluoranthene	19.46	202	185864	3.98	ng/ul	98
19) Pyrene	19.81	202	1562728	33.06	ng/ul#	92
20) Benzo(a)anthracene	21.64	228	103039	2.35	ng/ul	94
21) Chrysene	21.71	228	102795	2.45	ng/ul	98
23) Benzo(b)fluoranthene	23.86	252	155507	3.59	ng/ul#	93
24) Benzo(k)fluoranthene	23.91	252	56270m	1.35	ng/ul	
26) Benzo(a)pyrene	24.72	252	99089	2.36	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	28.50	276	75321	1.53	ng/ul#	91
29) Benzo(g,h,i)perylene	29.64	276	72432	1.79	ng/ul#	93

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

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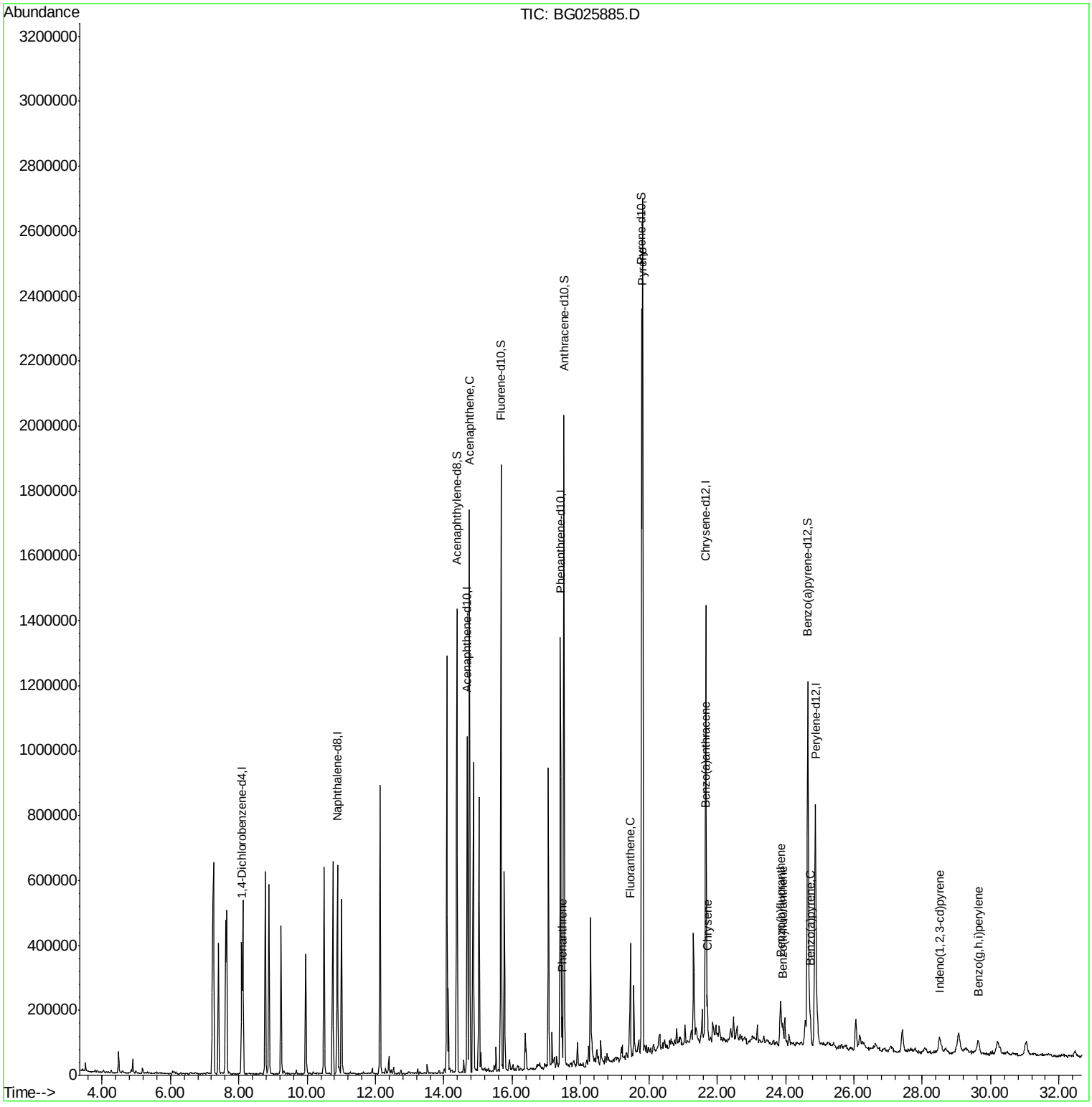
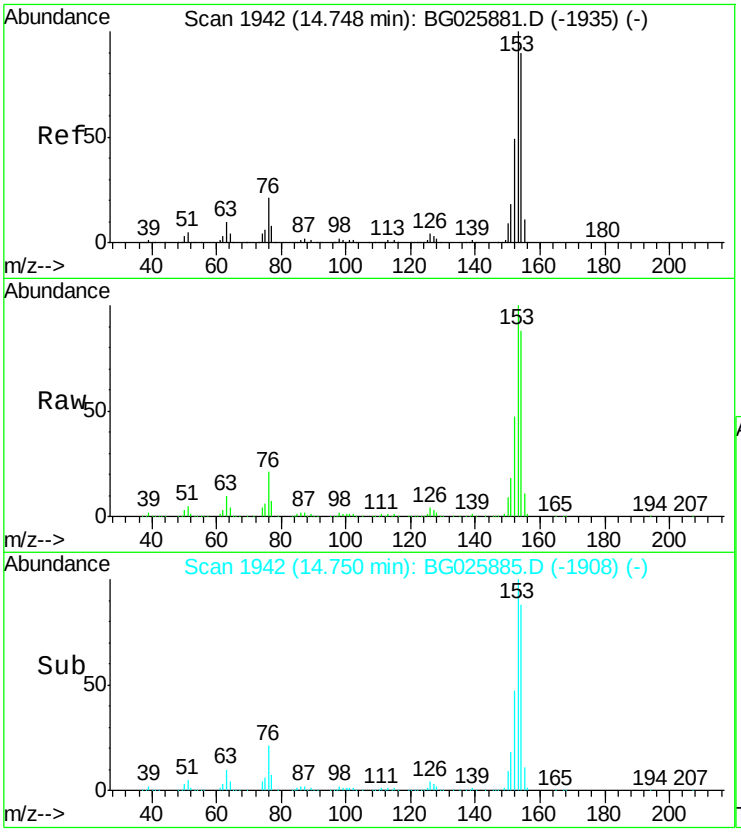
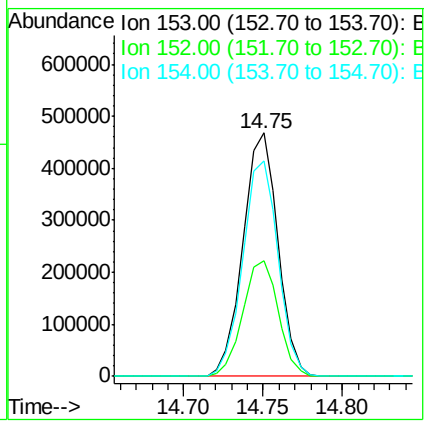




#9
Acenaphthene
Concen: 34.03 ng/ul
RT: 14.75 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:153 Resp: 718186

Ion	Ratio	Lower	Upper
153	100		
152	47.4	39.0	58.6
154	88.3	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DABB0MS

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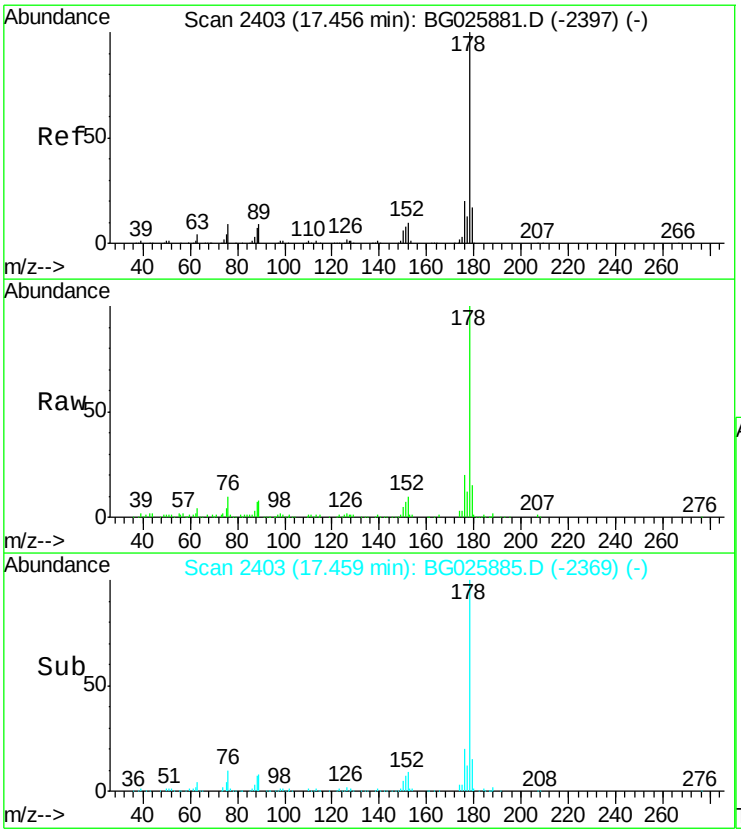
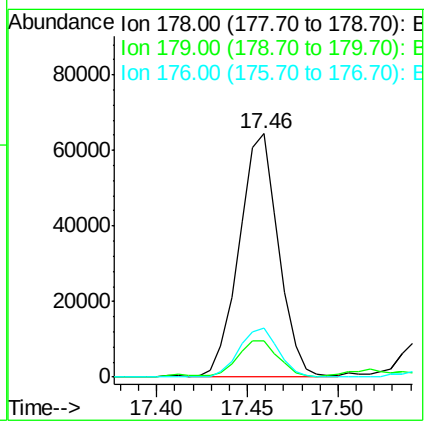
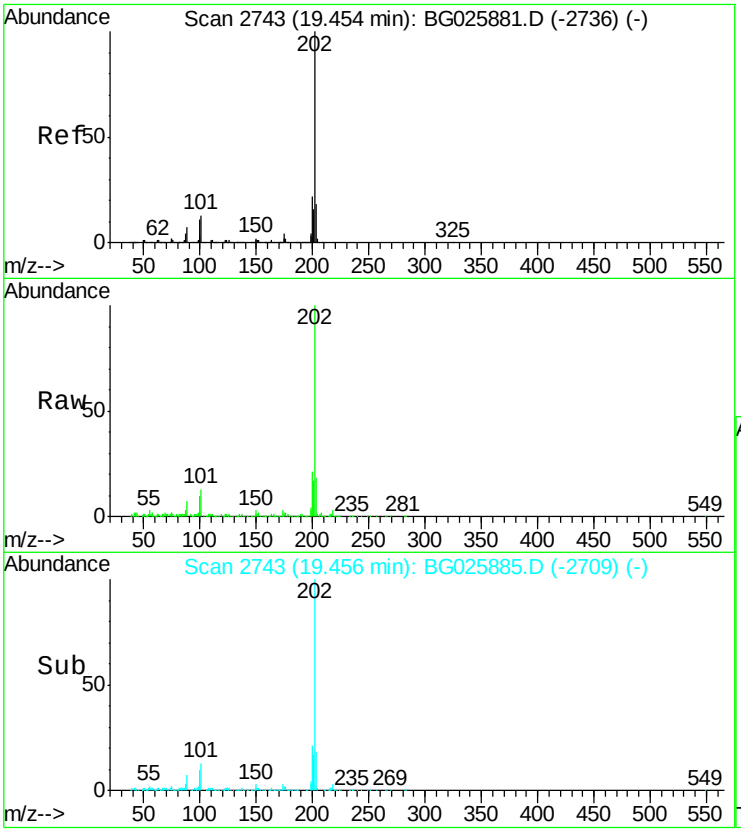


#13
Phenanthrene
Concen: 2.28 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:178 Resp: 96657

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	20.3	15.1	22.7

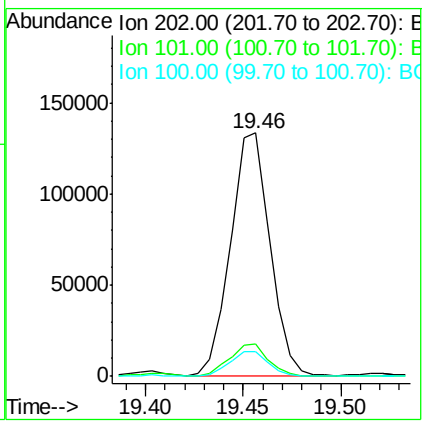




#16
Fluoranthene
Concen: 3.98 ng/ul
RT: 19.46 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:202 Resp: 185864

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.9	14.9
100	10.3	7.4	11.0



Instrument :
BNA_G
ClientSampleId :
DABB0MS

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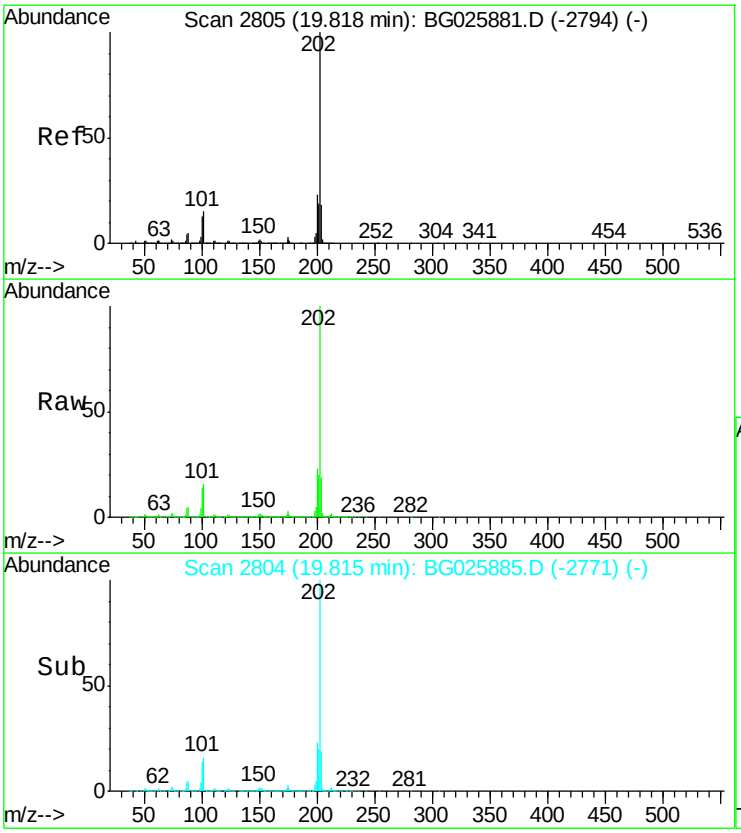
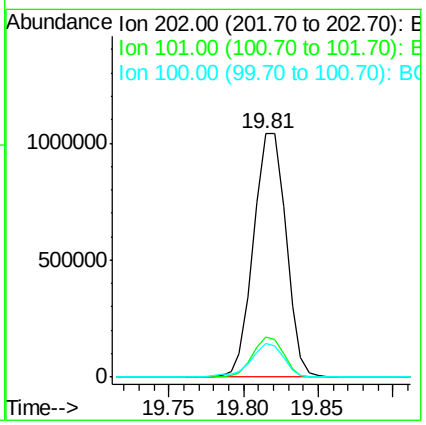
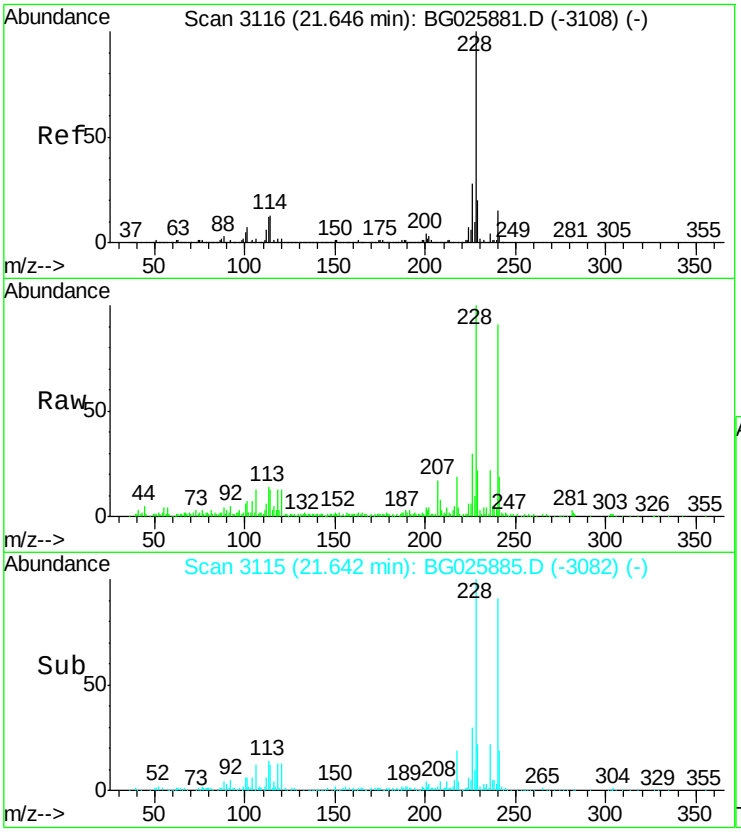


#19
Pyrene
Concen: 33.06 ng/ul
RT: 19.81 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:202 Resp: 1562728

Ion	Ratio	Lower	Upper
202	100		
101	16.3	11.0	16.4
100	13.9	8.1	12.1#

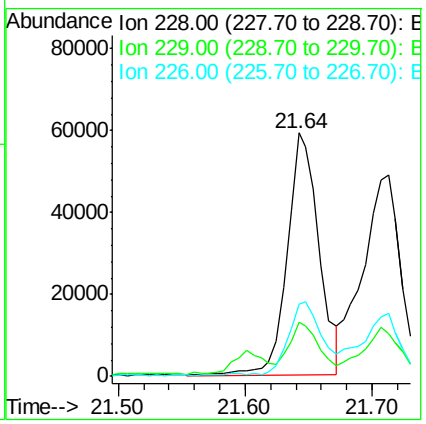




#20
Benzo(a)anthracene
Concen: 2.35 ng/ul
RT: 21.64 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:228 Resp: 103039

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.7	23.5
226	29.8	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DABB0MS

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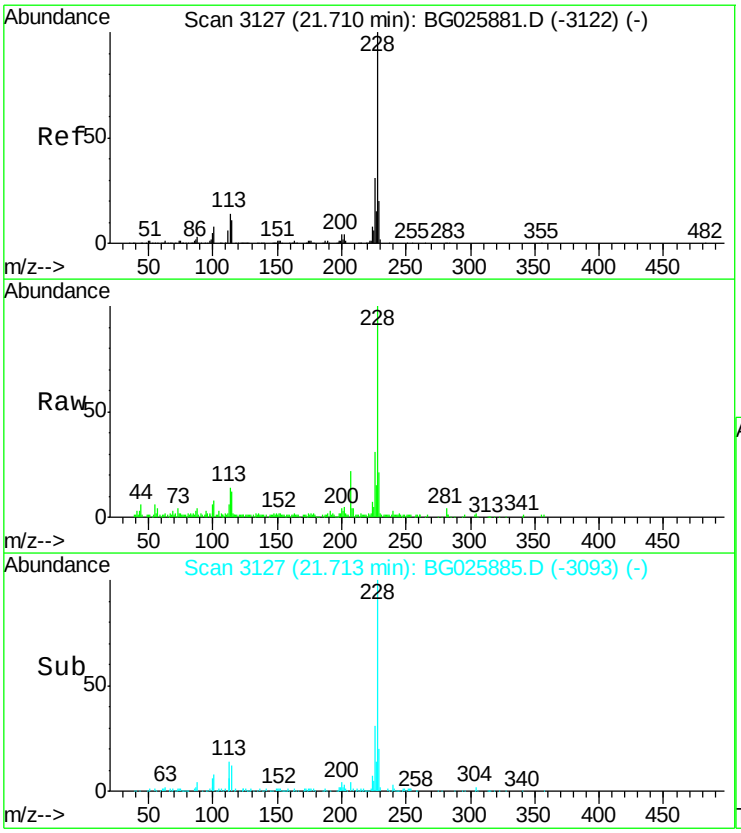
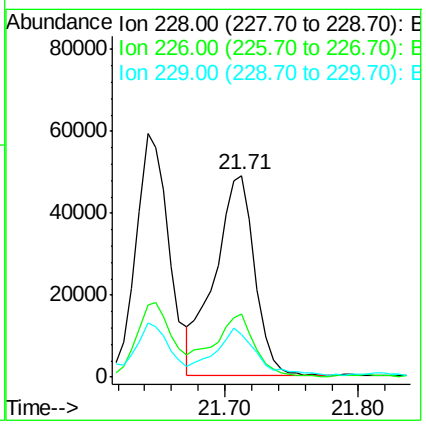
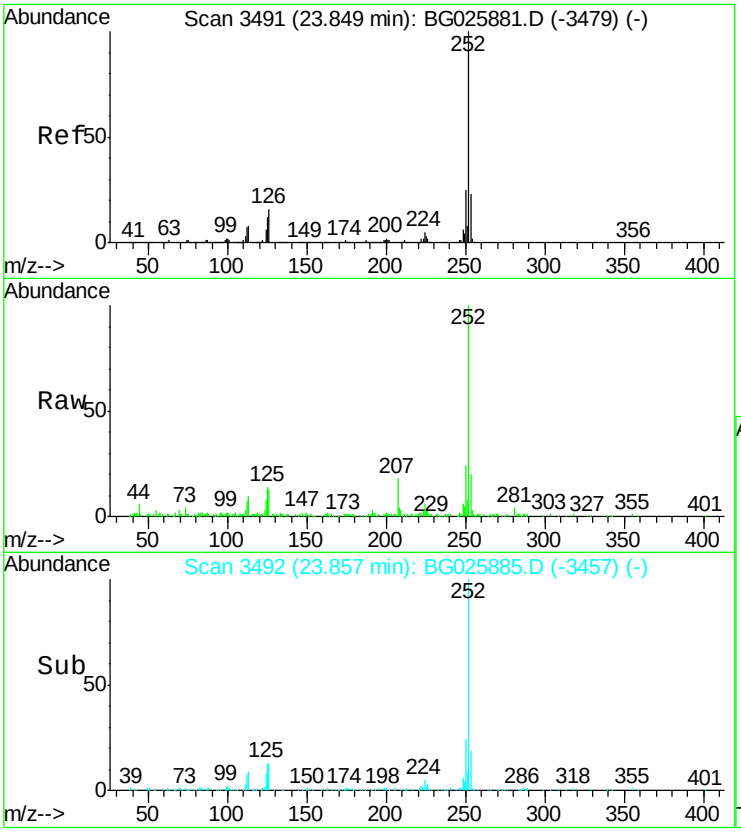


#21
Chrysene
Concen: 2.45 ng/ul
RT: 21.71 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:228 Resp: 102795

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	21.2	15.8	23.8





#23
Benzo(b)fluoranthene
Concen: 3.59 ng/ul
RT: 23.86 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:252 Resp: 155507

Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.0	27.0
125	13.9	8.0	12.0#

Instrument :
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ClientSampleId :
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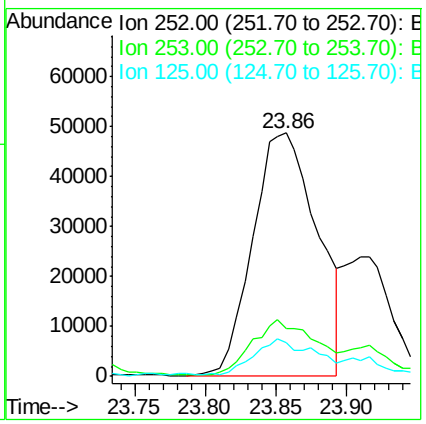
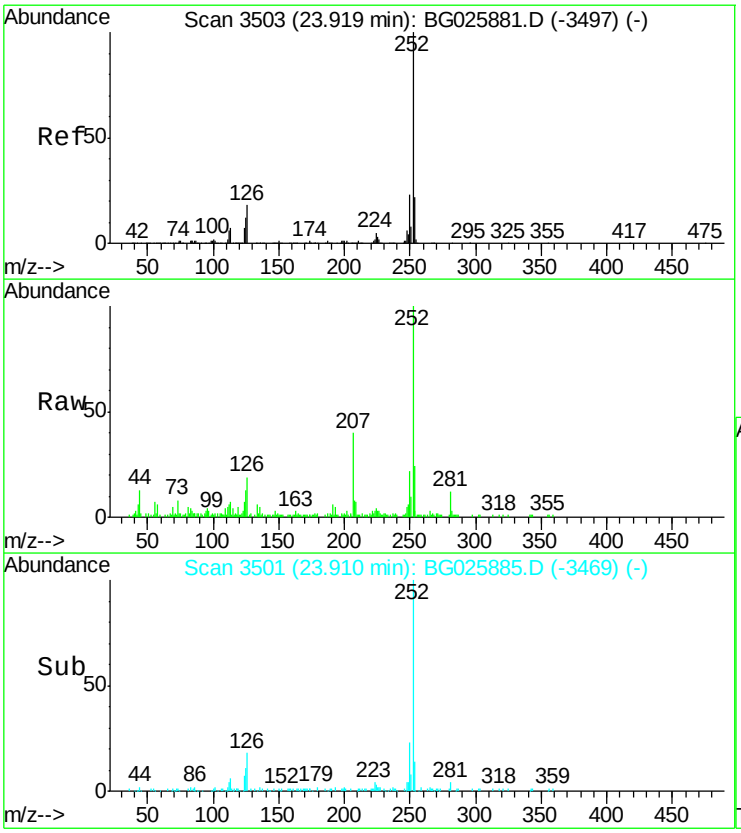
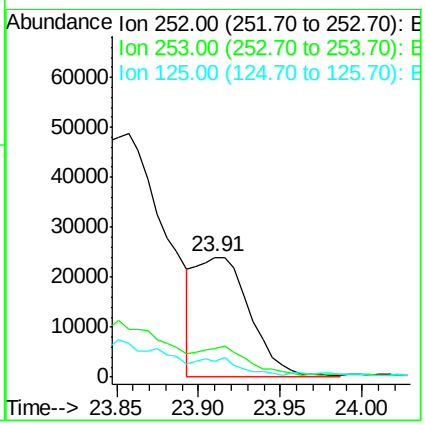


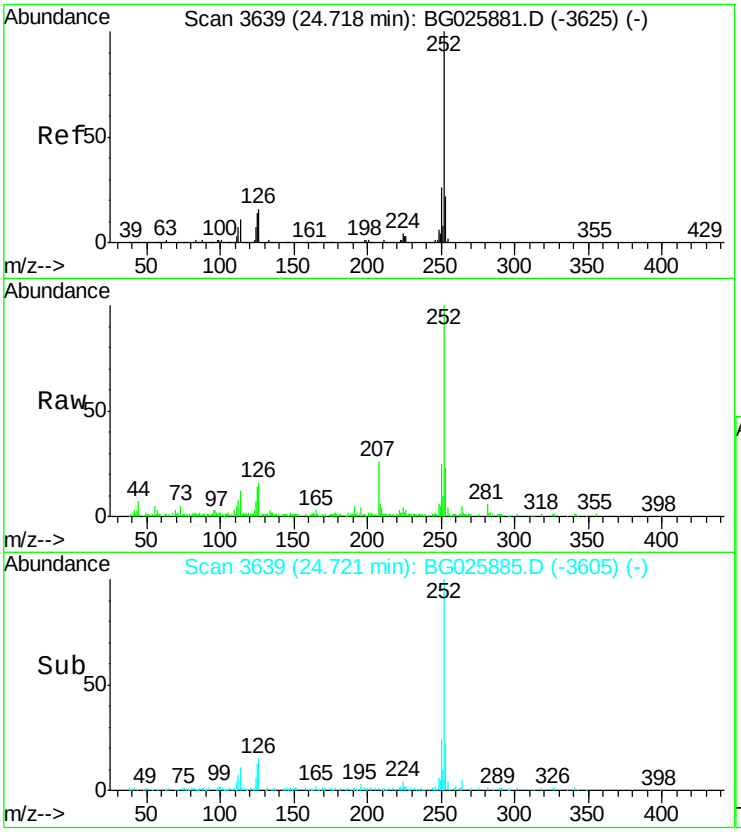


#24
Benzo(k)fluoranthene
Concen: 1.35 ng/ul m
RT: 23.91 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:252 Resp: 56270

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.7	8.1	12.1#





#26
Benzo(a)pyrene
Concen: 2.36 ng/ul
RT: 24.72 min Scan# 3639
Delta R.T. 0.00 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:252 Resp: 99089

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	14.0	8.2	12.4#

Instrument :
BNA_G
ClientSampleId :
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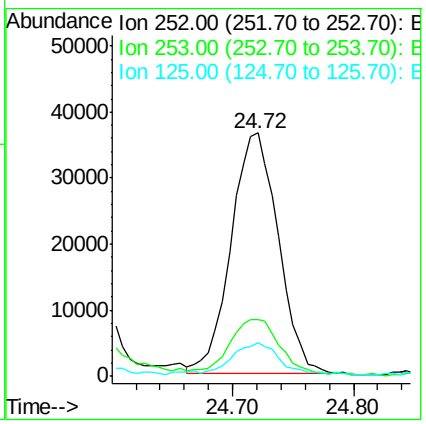
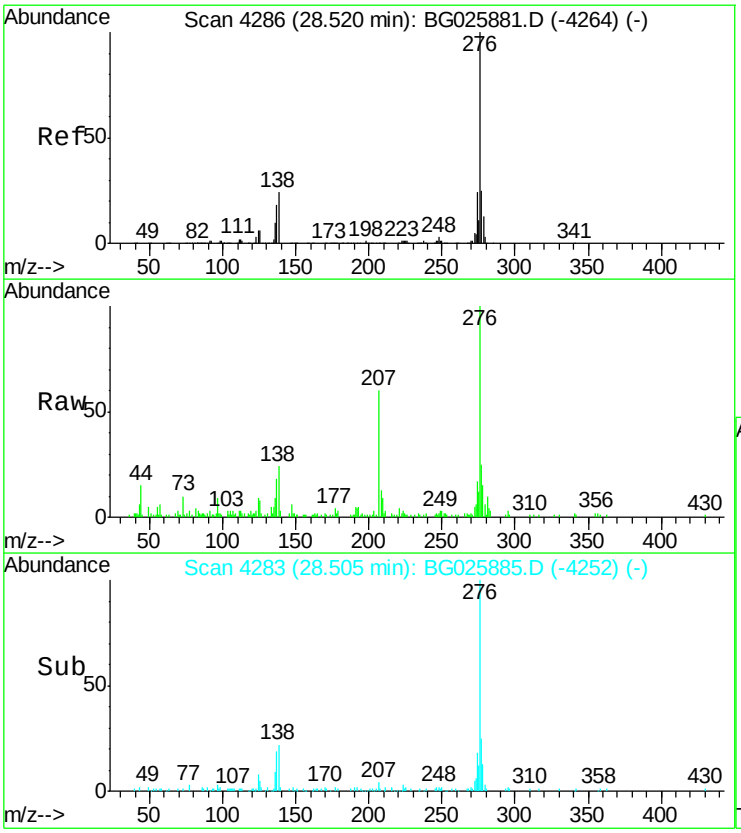
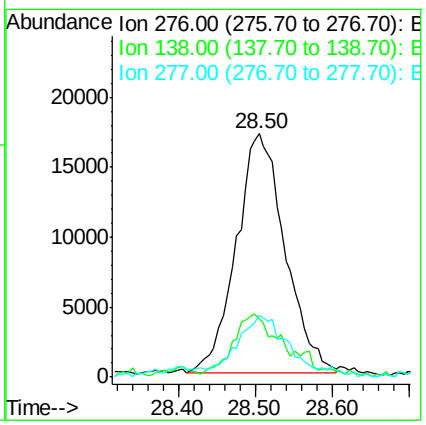


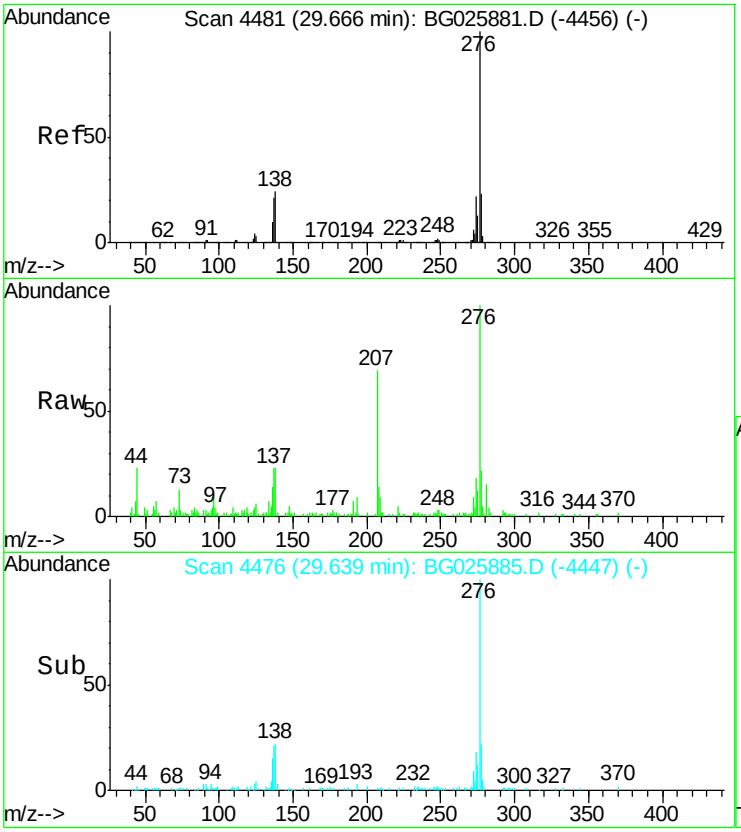


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.53 ng/ul
RT: 28.50 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:276 Resp: 75321

Ion	Ratio	Lower	Upper
276	100		
138	23.6	14.4	21.6#
277	25.4	18.0	27.0

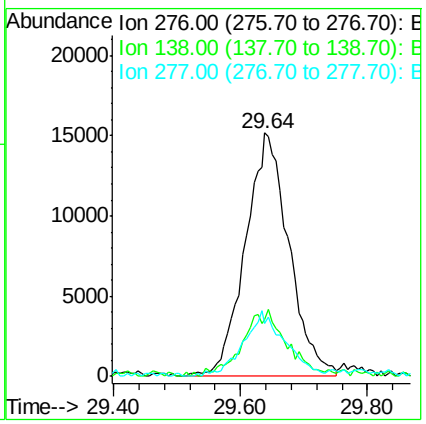




#29
Benzo(g,h,i)perylene
Concen: 1.79 ng/ul
RT: 29.64 min Scan# 4476
Delta R.T. -0.03 min
Lab File: BG025885.D
Acq: 20 Feb 2017 22:43

Tgt Ion:276 Resp: 72432

Ion	Ratio	Lower	Upper
276	100		
138	23.4	15.3	22.9#
277	21.6	19.0	28.4



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