Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
Data File : BG025886.D
Acq On : 20 Feb 2017 23:22
Operator : SJ/MA
Sample : I1898-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB0MSD

Manual Integrations APPROVED
mohammad
2/21/2017 10:33:59 AM

Quant Time: Feb 21 02:44:25 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	105035	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	506067	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	321390	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	745831	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	733971	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	703293	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	697491	26.21	ng/ul	0.00
10) Fluorene-d10	15.67	176	518627	25.38	ng/ul	0.00
14) Anthracene-d10	17.51	188	790298	23.44	ng/ul	0.00
18) Pyrene-d10	19.79	212	830051	23.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	743446	23.89	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.75	153	495048	25.41	ng/ul	94
13) Phenanthrene	17.46	178	59676	1.50	ng/ul	98
16) Fluoranthene	19.45	202	121183	2.77	ng/ul	100
19) Pyrene	19.82	202	1112801	25.05	ng/ul#	94
20) Benzo(a)anthracene	21.65	228	68724m	1.66	ng/ul	
21) Chrysene	21.71	228	73779	1.87	ng/ul	98
23) Benzo(b)fluoranthene	23.85	252	106958	2.63	ng/ul#	96
26) Benzo(a)pyrene	24.72	252	64639	1.64	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.51	276	52337m	1.14	ng/ul	
29) Benzo(g,h,i)perylene	29.64	276	47416m	1.25	ng/ul	

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

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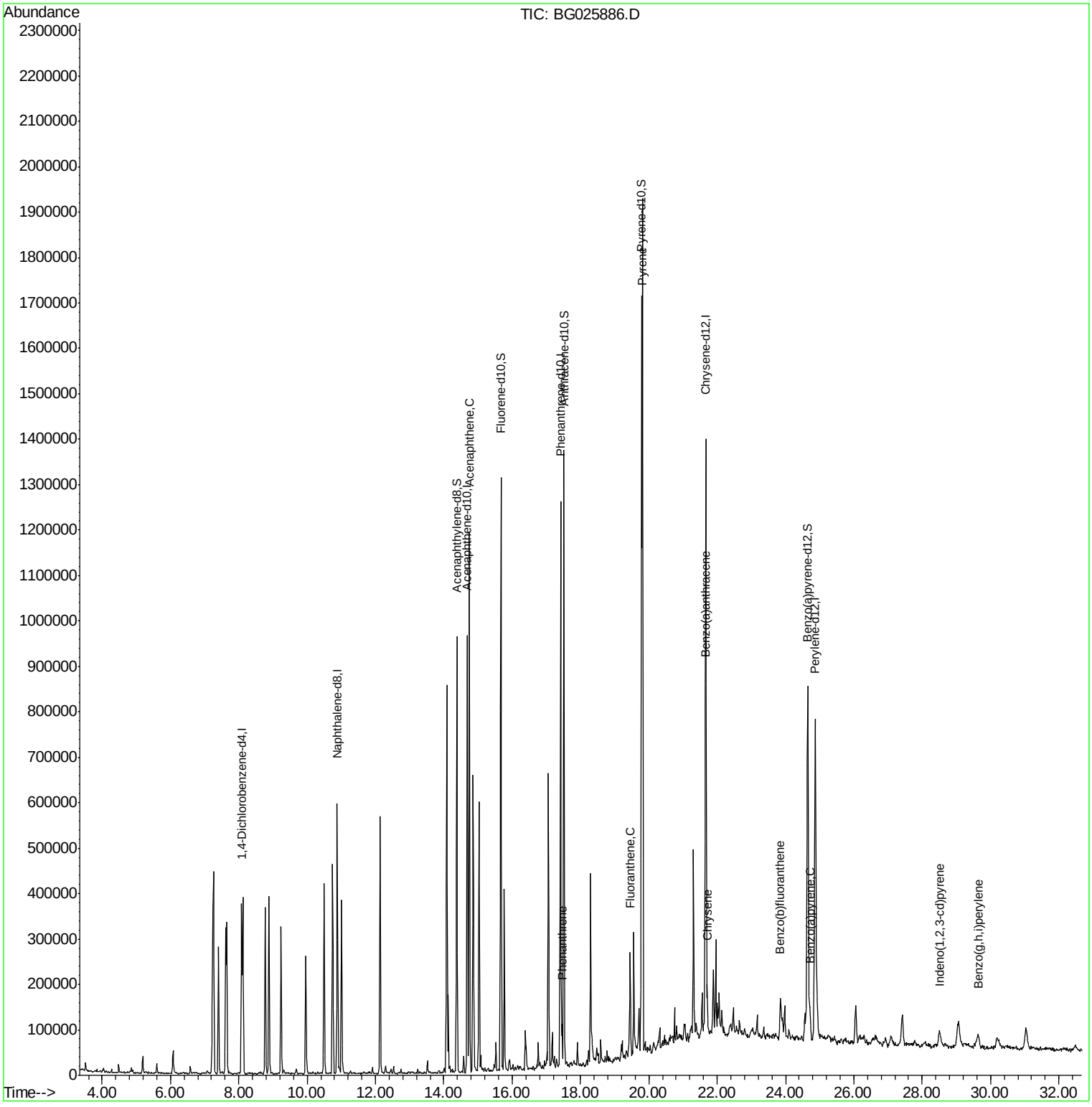
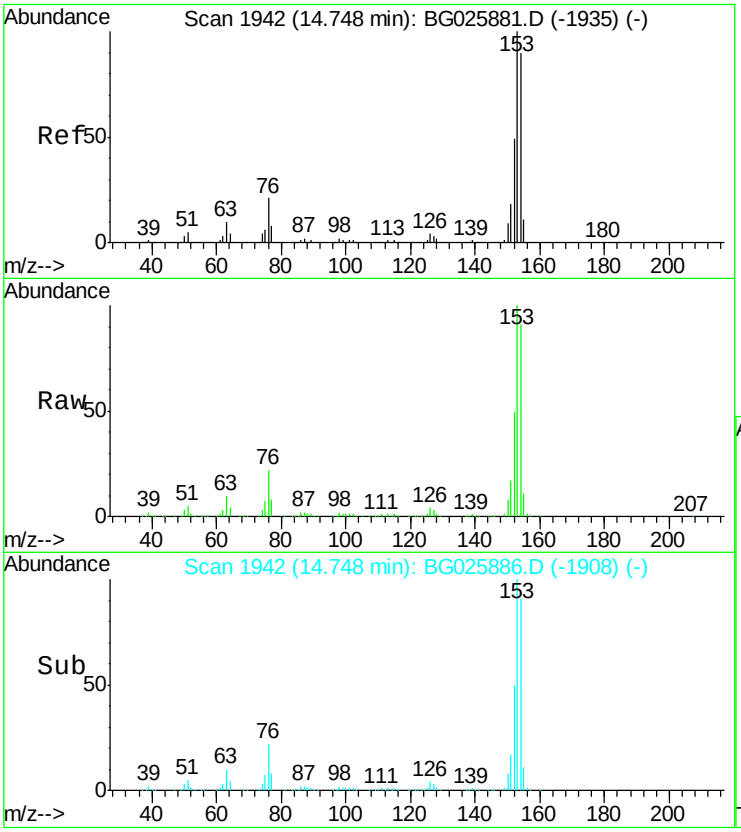
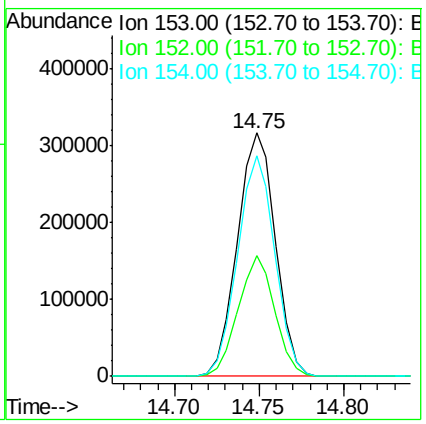




#9
Acenaphthene
Concen: 25.41 ng/ul
RT: 14.75 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:153 Resp: 495048

Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.0	58.6
154	90.8	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DABB0MSD

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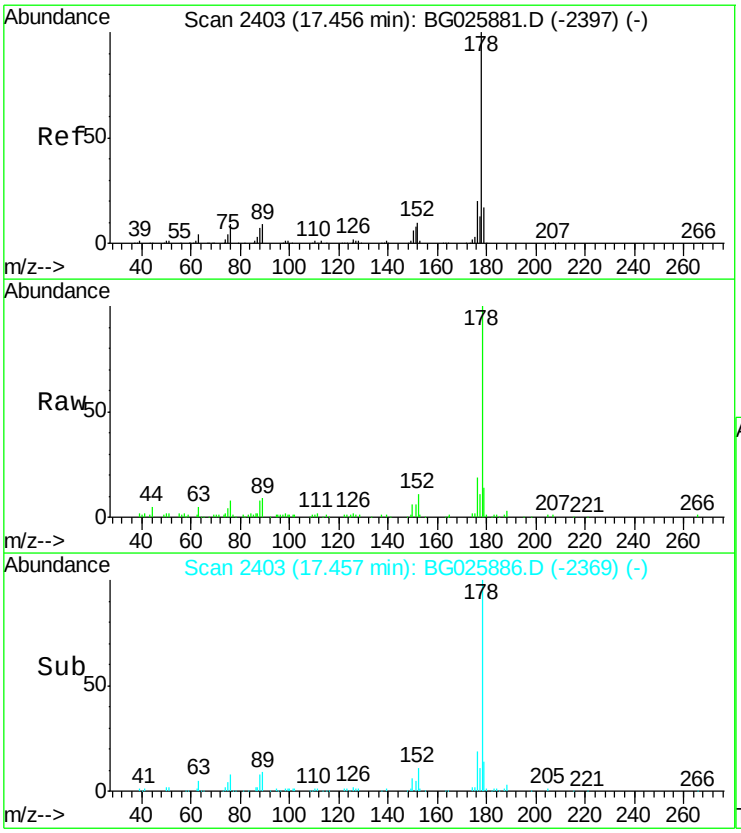
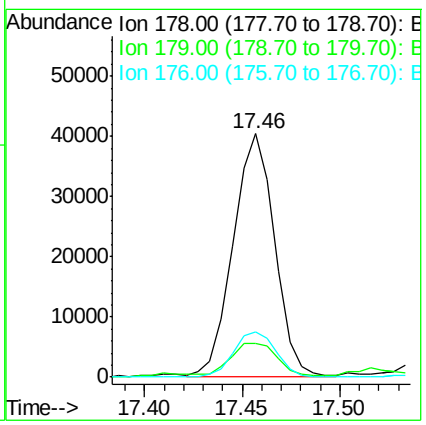
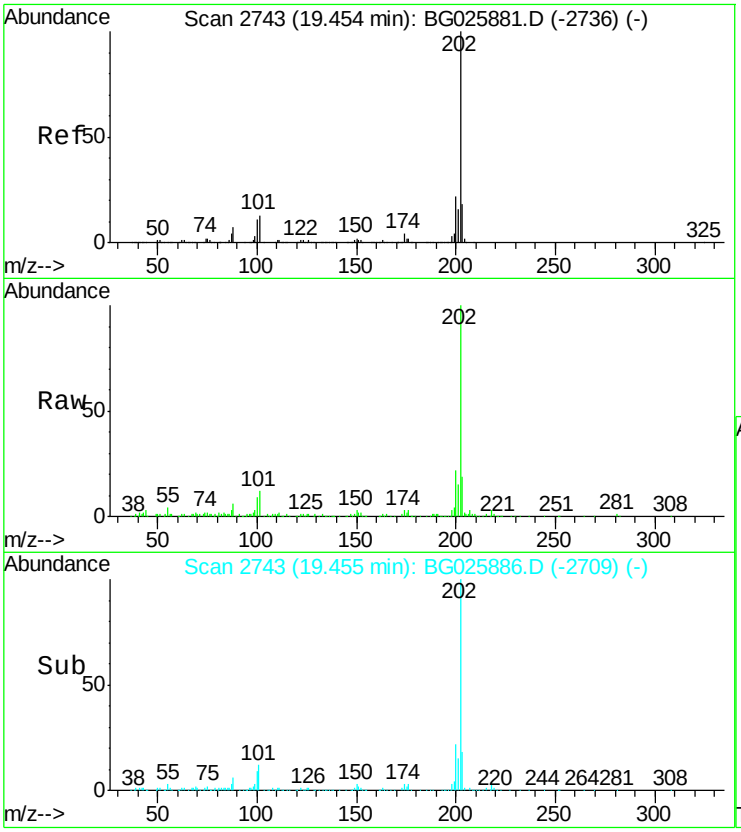


#13
Phenanthrene
Concen: 1.50 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:178 Resp: 59676

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.3	18.5
176	18.7	15.1	22.7

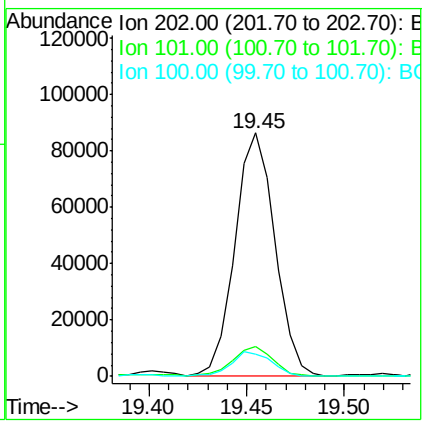




#16
Fluoranthene
Concen: 2.77 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:202 Resp: 121183

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.9	14.9
100	9.1	7.4	11.0



Instrument :
BNA_G
ClientSampleId :
DABB0MSD

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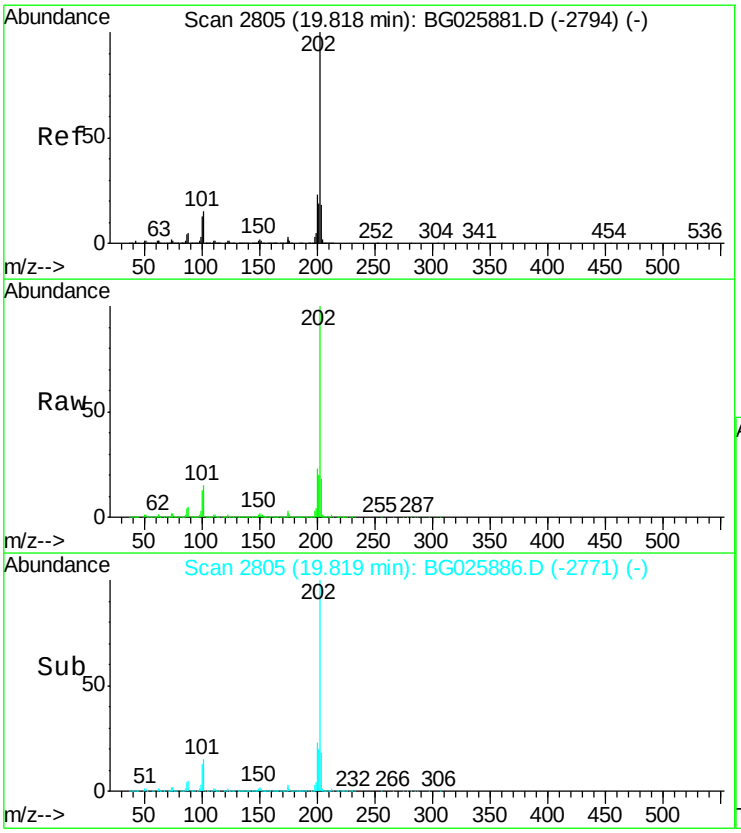
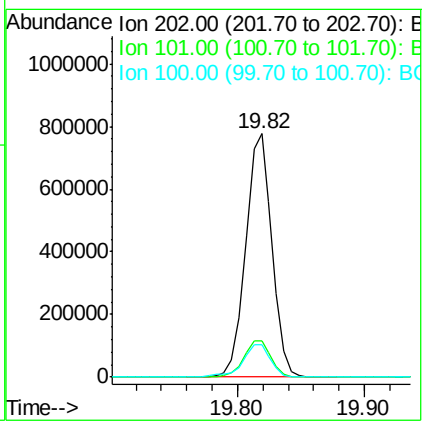
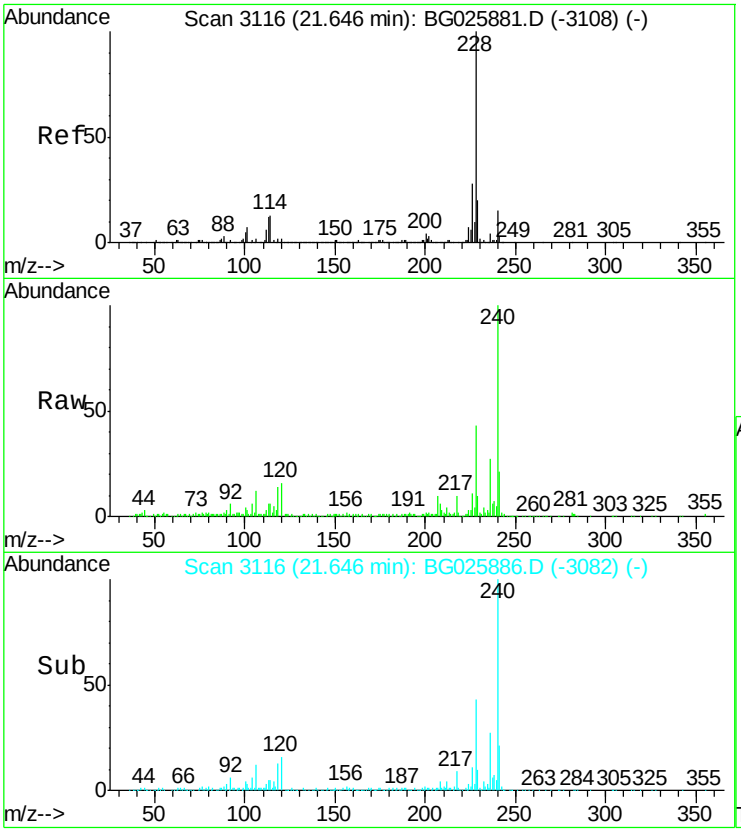


#19
Pyrene
Concen: 25.05 ng/ul
RT: 19.82 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:202 Resp: 1112801

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.0	16.4
100	13.4	8.1	12.1#

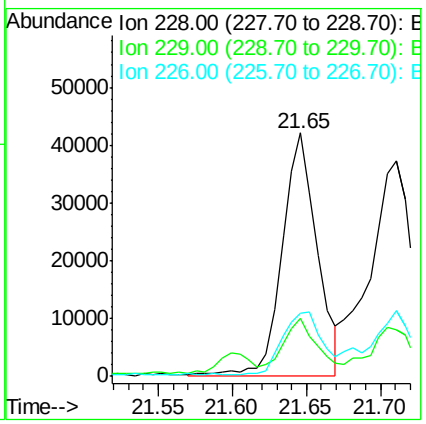




#20
Benzo(a)anthracene
Concen: 1.66 ng/ul m
RT: 21.65 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:228 Resp: 68724

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.7	23.5#
226	25.7	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DABB0MSD

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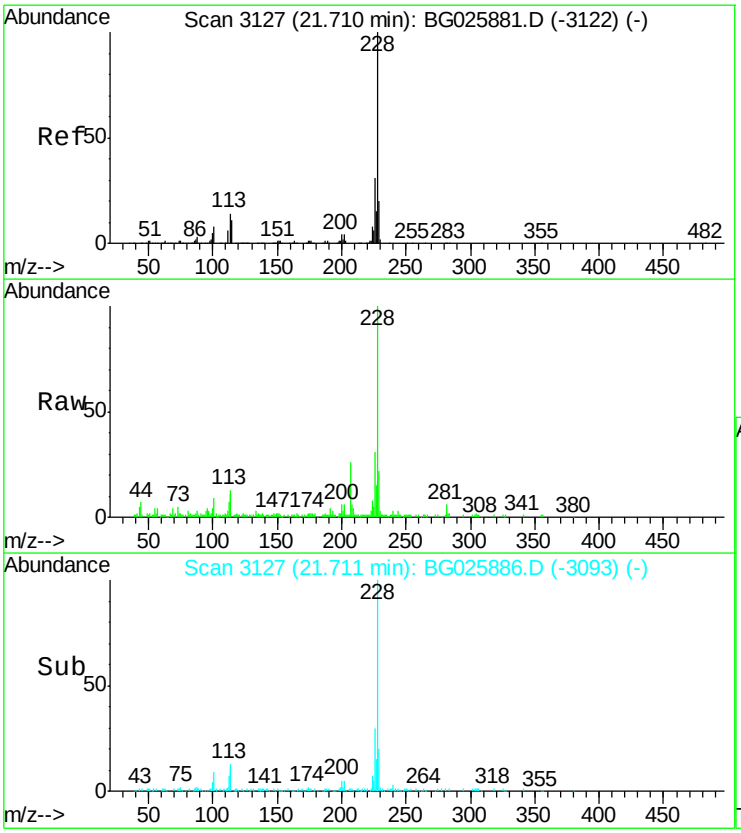
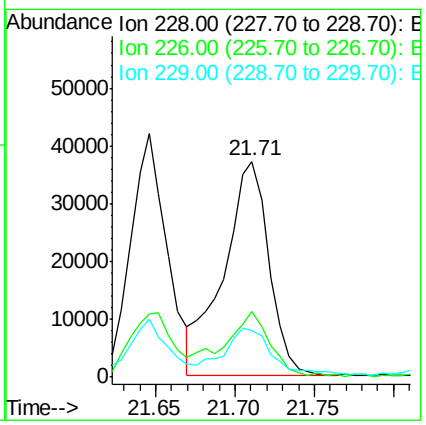
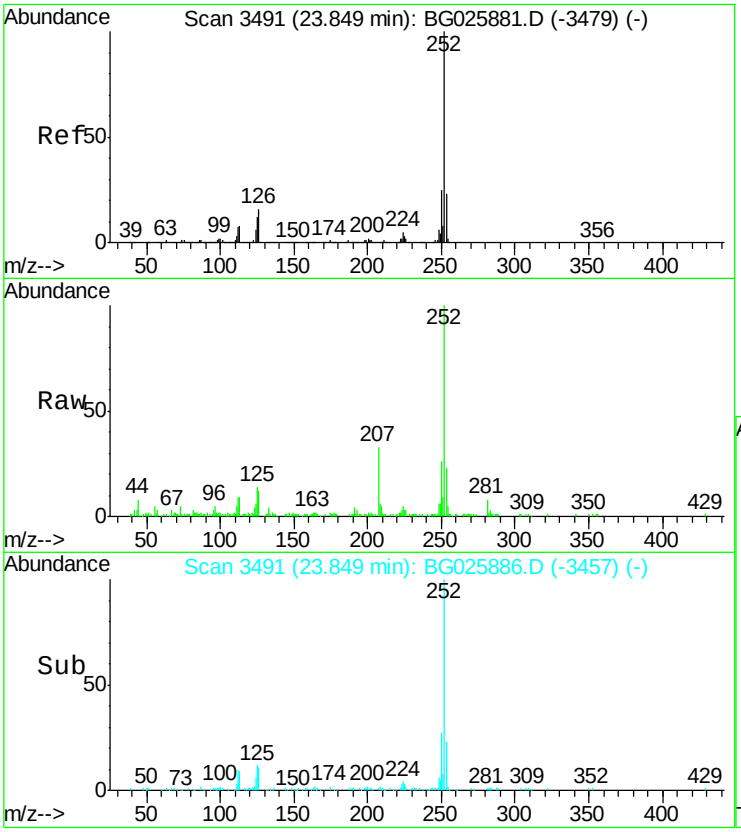


#21
Chrysene
Concen: 1.87 ng/ul
RT: 21.71 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:228 Resp: 73779

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	21.5	15.8	23.8

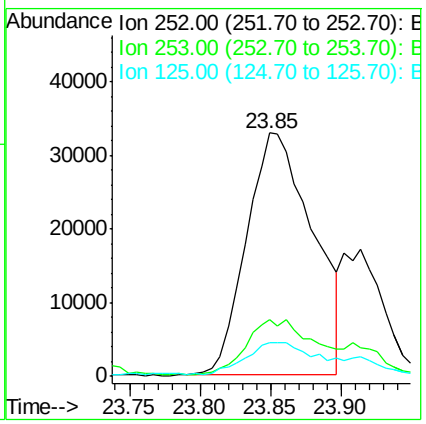




#23
Benzo(b)fluoranthene
Concen: 2.63 ng/ul
RT: 23.85 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:252 Resp: 106958

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.6	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
DABB0MSD

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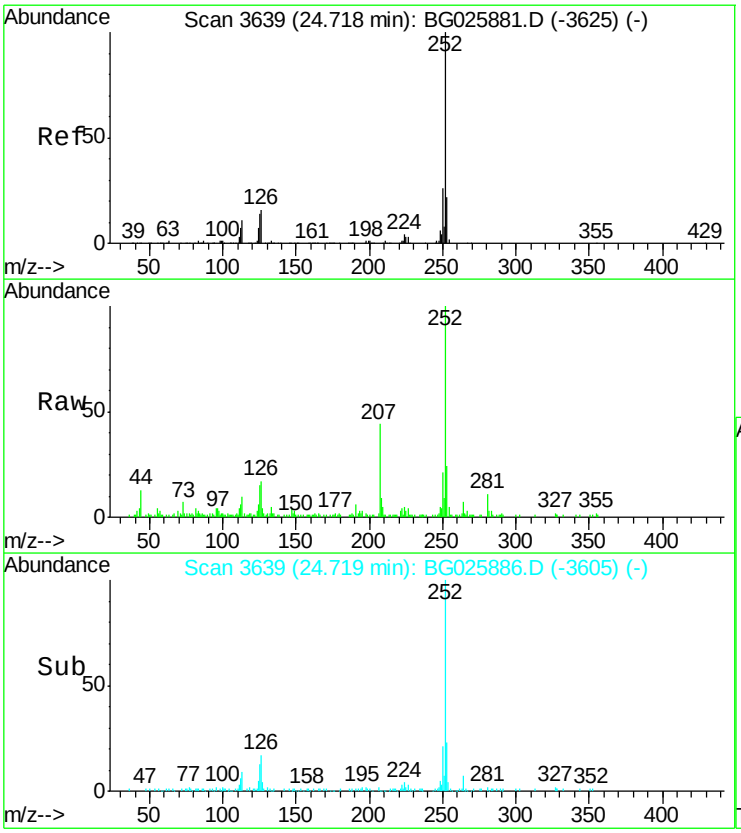
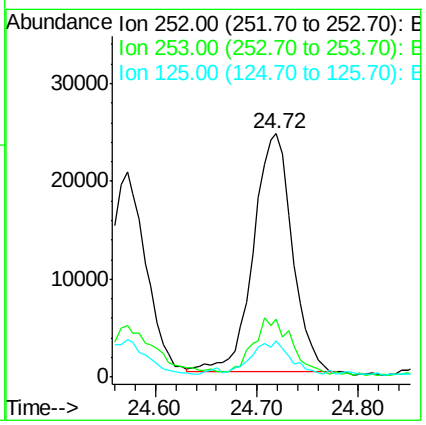
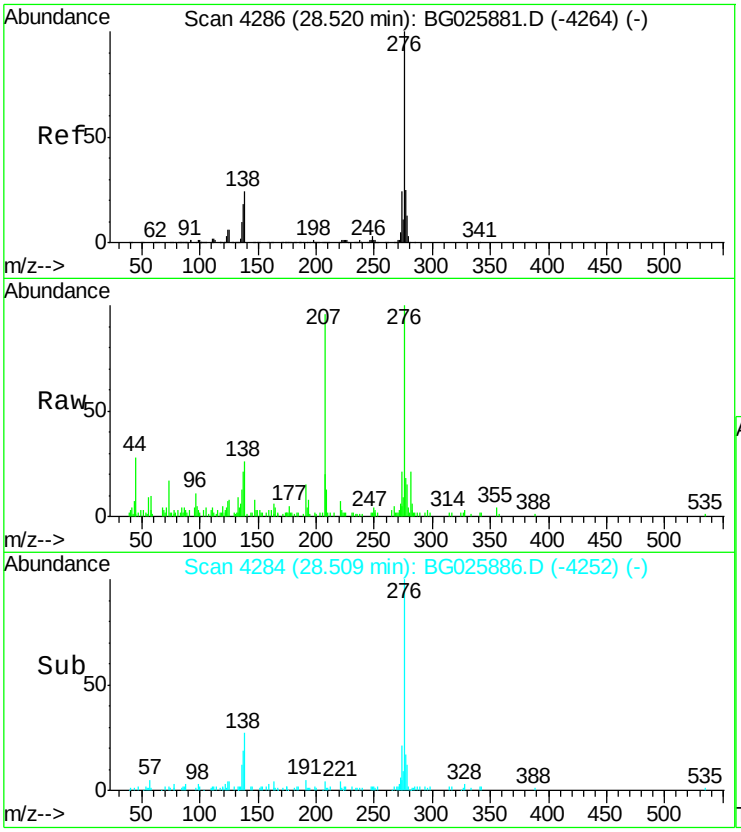


#26
Benzo(a)pyrene
Concen: 1.64 ng/ul
RT: 24.72 min Scan# 3639
Delta R.T. 0.00 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:252 Resp: 64639

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	14.8	8.2	12.4#

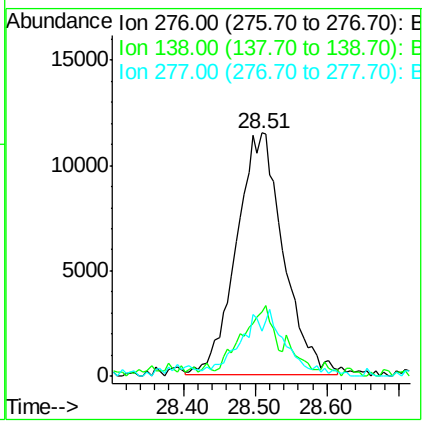




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.14 ng/ul m
RT: 28.51 min Scan# 4284
Delta R.T. -0.01 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:276 Resp: 52337

Ion	Ratio	Lower	Upper
276	100		
138	26.3	14.4	21.6#
277	18.5	18.0	27.0



Instrument :
BNA_G
ClientSampleId :
DABB0MSD

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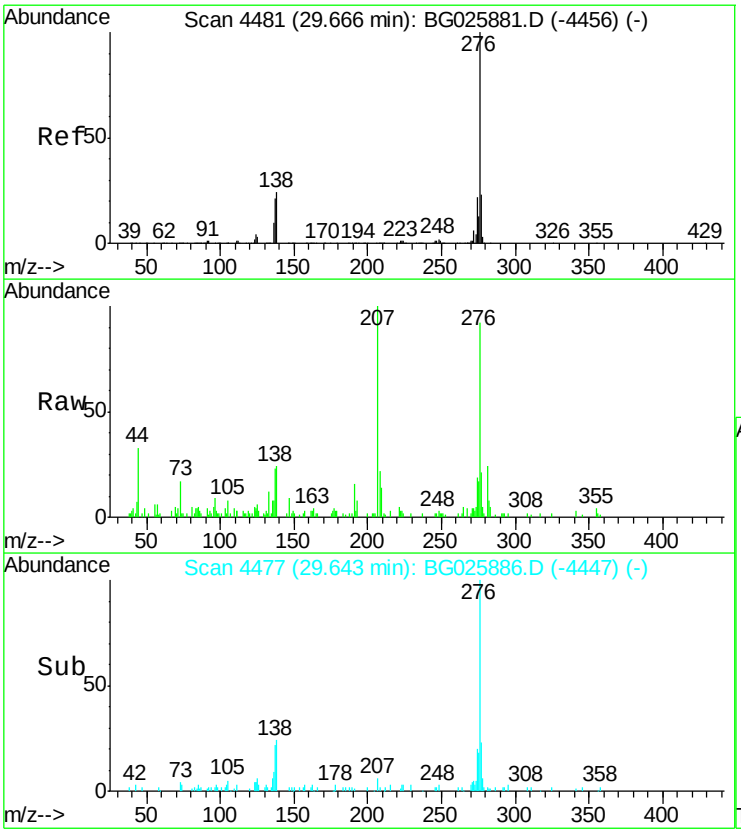

#29
Benzo(g,h,i)perylene
Concen: 1.25 ng/ul m
RT: 29.64 min Scan# 4477
Delta R.T. -0.02 min
Lab File: BG025886.D
Acq: 20 Feb 2017 23:22

Tgt Ion:276 Resp: 47416

Ion	Ratio	Lower	Upper
276	100		
138	26.2	15.3	22.9#
277	23.2	19.0	28.4