Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026222.D
Acq On : 13 Mar 2017 21:46
Operator : SJ/MA
Sample : I2217-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB2Z1

Manual Integrations APPROVED
mohammad
3/16/2017 10:52:31 AM

Quant Time: Mar 15 17:47:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 17:21:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	83378	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	414953	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	255358	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	587278	20.00	ng/ul	-0.02
18) Chrysene-d12	21.64	240	598825	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	578308	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	75729	12.32	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	451051	20.72	ng/ul	-0.02
10) Fluorene-d10	15.64	176	328523	20.68	ng/ul	-0.02
15) Anthracene-d10	17.49	188	467171	17.90	ng/ul	-0.02
19) Pyrene-d10	19.76	212	512383	16.77	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	459815	18.44	ng/ul	-0.03
Target Compounds						Qvalue
14) Phenanthrene	17.44	178	115038	3.70	ng/ul	98
17) Fluoranthene	19.43	202	196459	6.08	ng/ul	96
20) Pyrene	19.79	202	188184	4.94	ng/ul	99
21) Benzo(a)anthracene	21.61	228	110163	3.31	ng/ul	98
22) Chrysene	21.68	228	105532	3.39	ng/ul	97
24) Benzo(b)fluoranthene	23.82	252	147110m	4.48	ng/ul	
25) Benzo(k)fluoranthene	23.87	252	42418	1.35	ng/ul	96
27) Benzo(a)pyrene	24.67	252	100996	3.31	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.44	276	71878	2.13	ng/ul	95
30) Benzo(g,h,i)perylene	29.56	276	70126m	2.43	ng/ul	

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

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Instrument :
BNA_G
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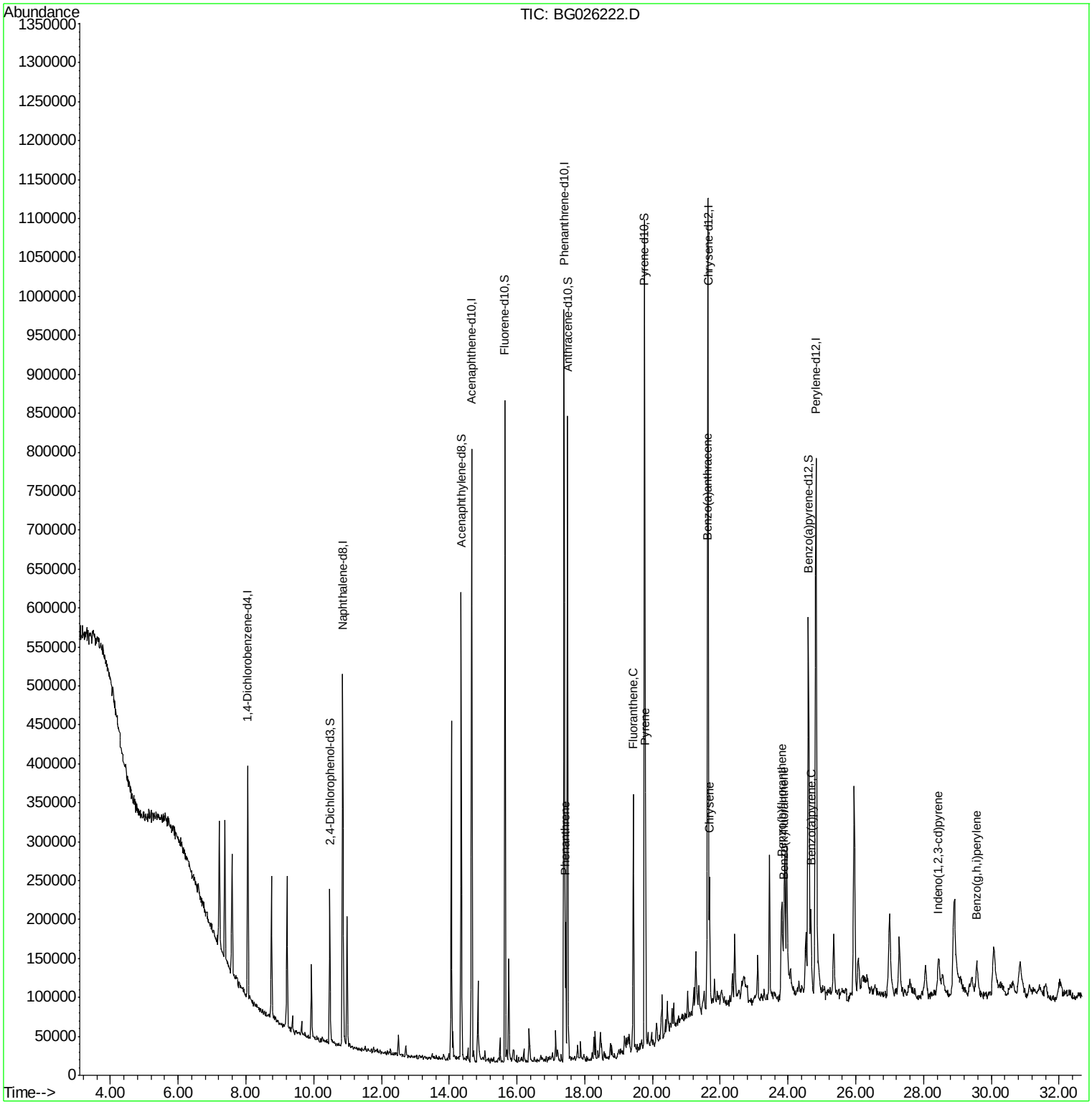
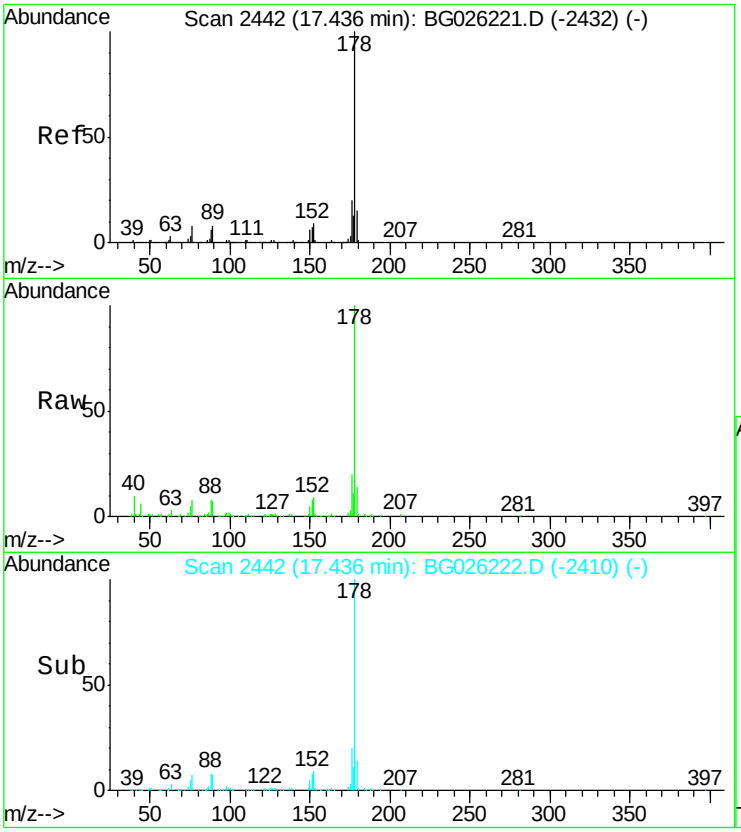
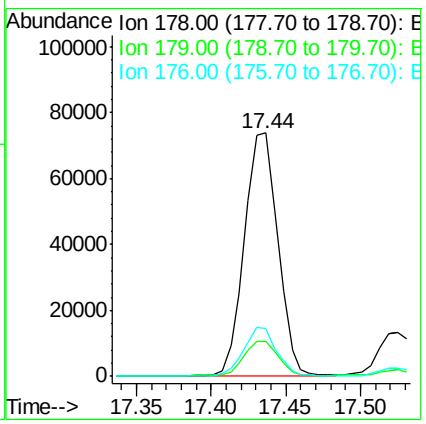




#14
Phenanthrene
Concen: 3.70 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:178 Resp: 115038

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.2	18.4
176	19.7	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
CB2Z1

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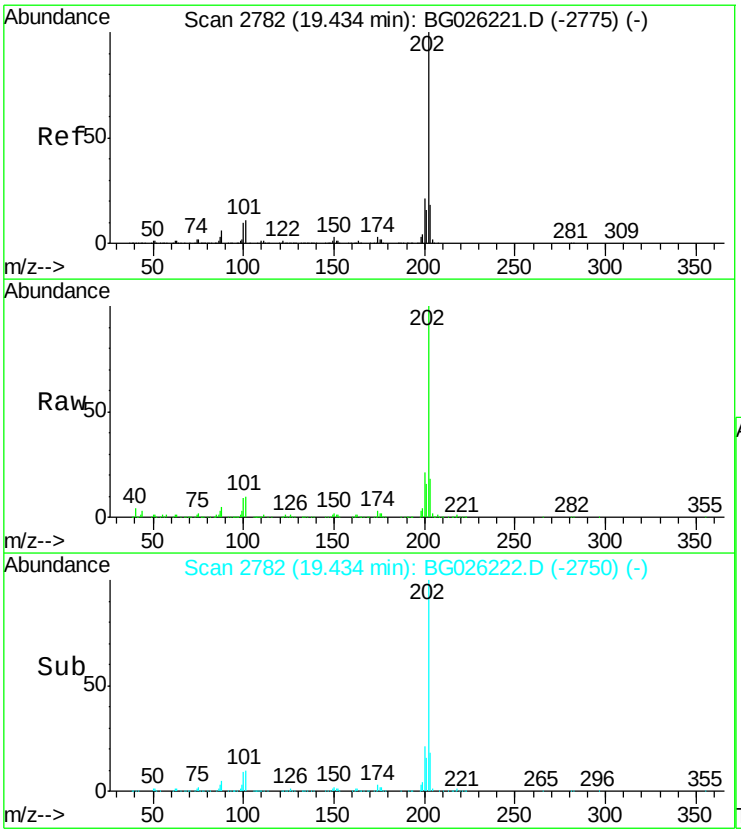
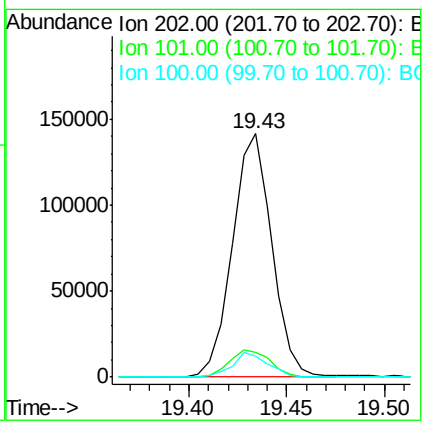
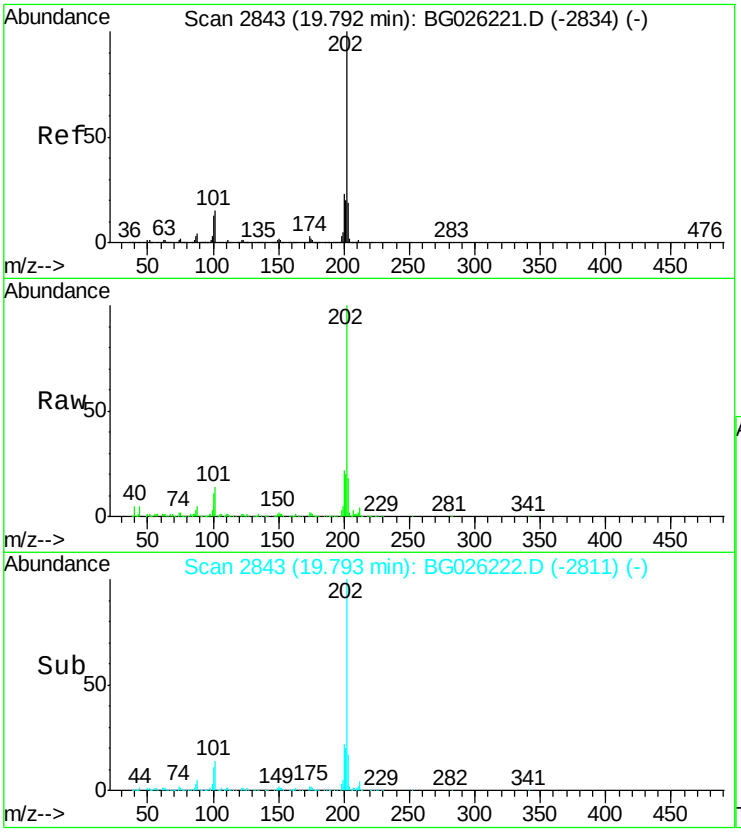


#17
Fluoranthene
Concen: 6.08 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:202 Resp: 196459

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.8	14.8
100	8.6	7.5	11.3

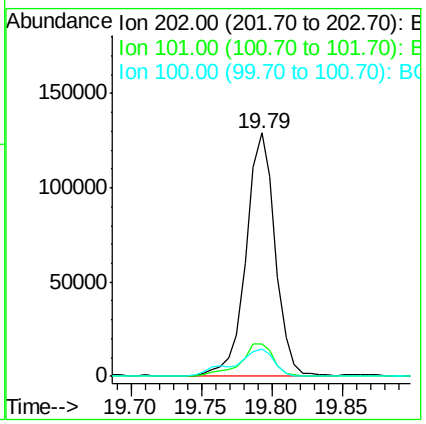




#20
Pyrene
Concen: 4.94 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:202 Resp: 188184

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.2	16.8
100	11.4	9.8	14.6



Instrument :
BNA_G
ClientSampleId :
CB2Z1

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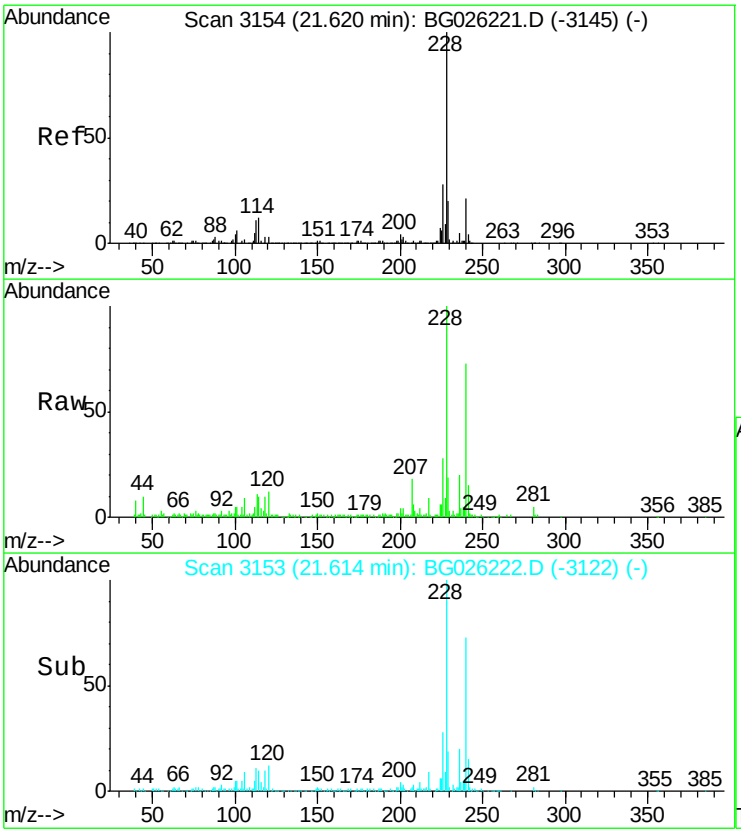
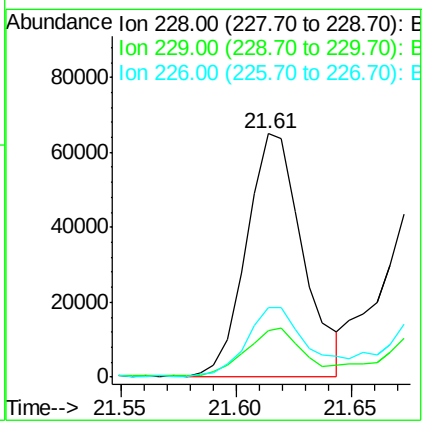
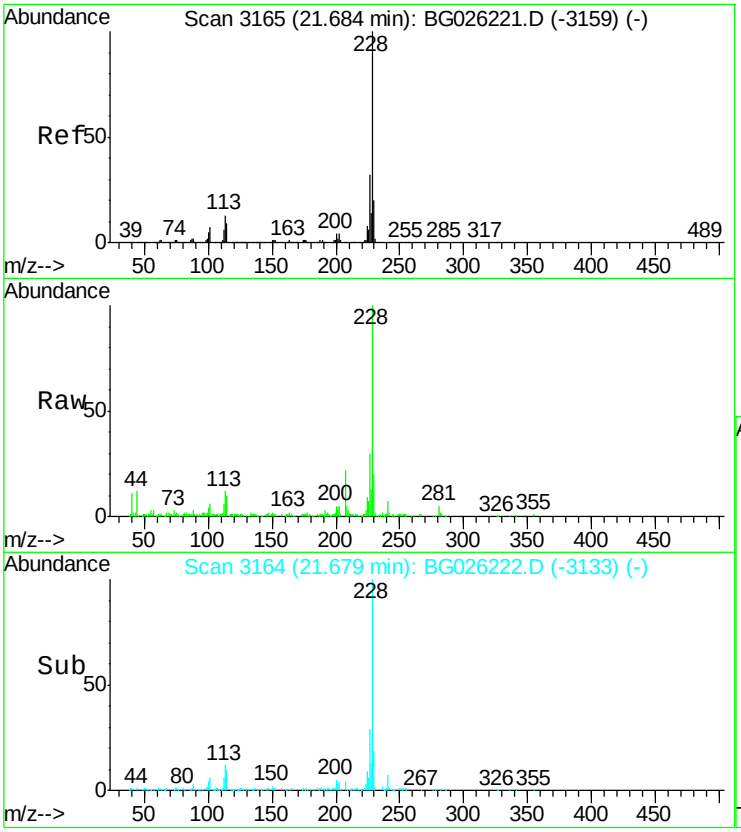


#21
Benzo(a)anthracene
Concen: 3.31 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:228 Resp: 110163

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.9	23.9
226	28.5	22.1	33.1





#22
Chrysene
Concen: 3.39 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:228 Resp: 105532

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.6	16.6	25.0

Instrument :
BNA_G
ClientSampleId :
CB2Z1

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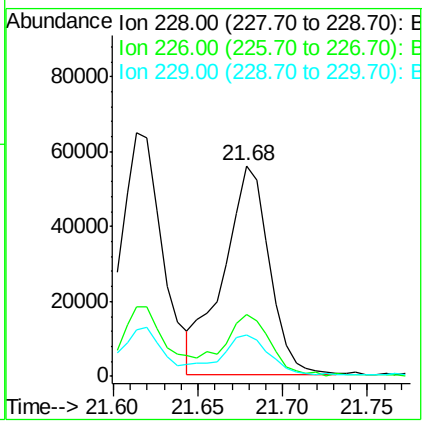
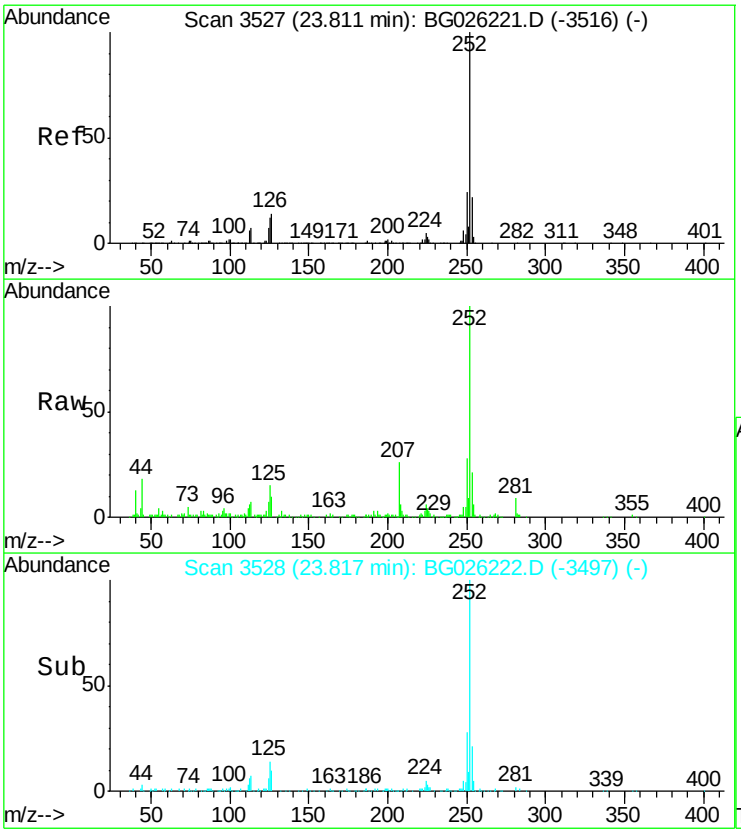
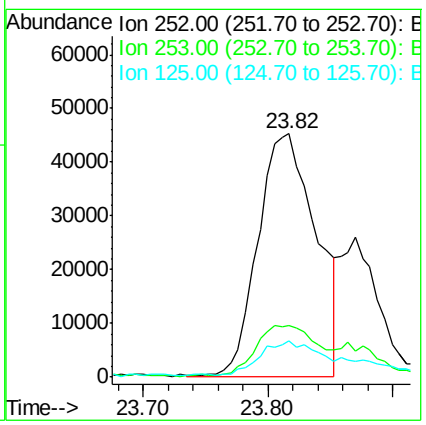


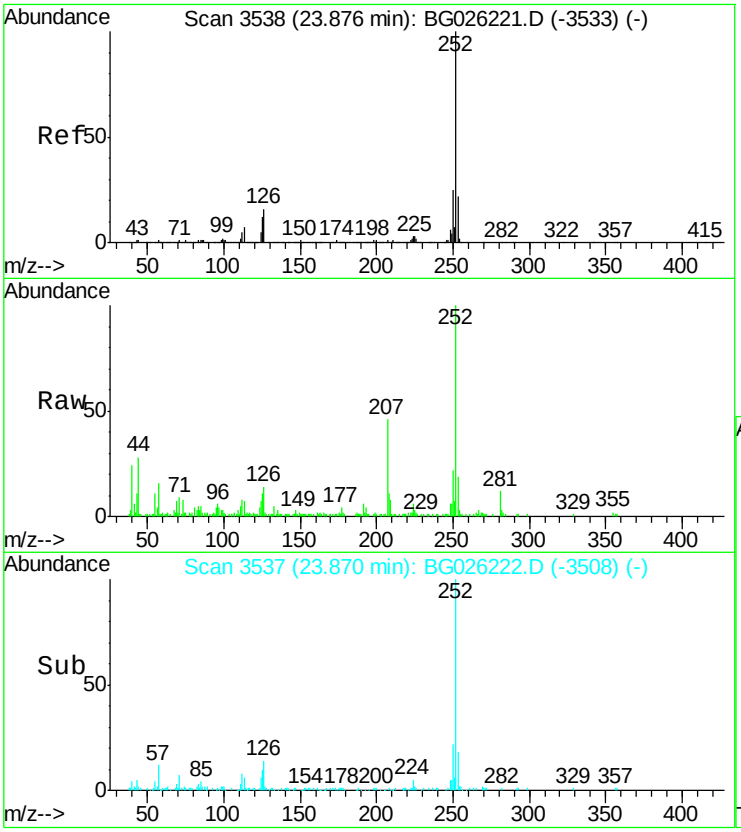


#24
Benzo(b)fluoranthene
Concen: 4.48 ng/ul m
RT: 23.82 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:252 Resp: 147110

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	14.7	9.4	14.0#

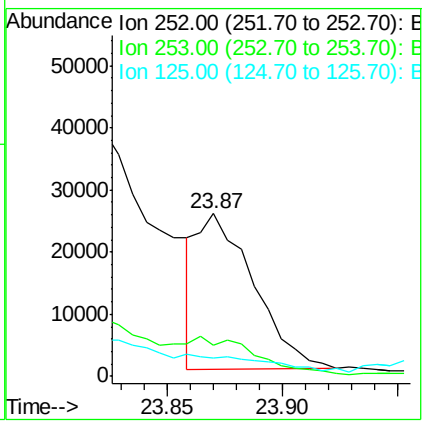




#25
Benzo(k)fluoranthene
Concen: 1.35 ng/ul
RT: 23.87 min Scan# 3537
Delta R.T. -0.03 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:252 Resp: 42418

Ion	Ratio	Lower	Upper
252	100		
253	19.0	17.4	26.2
125	11.3	8.8	13.2



Instrument :
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ClientSampleId :
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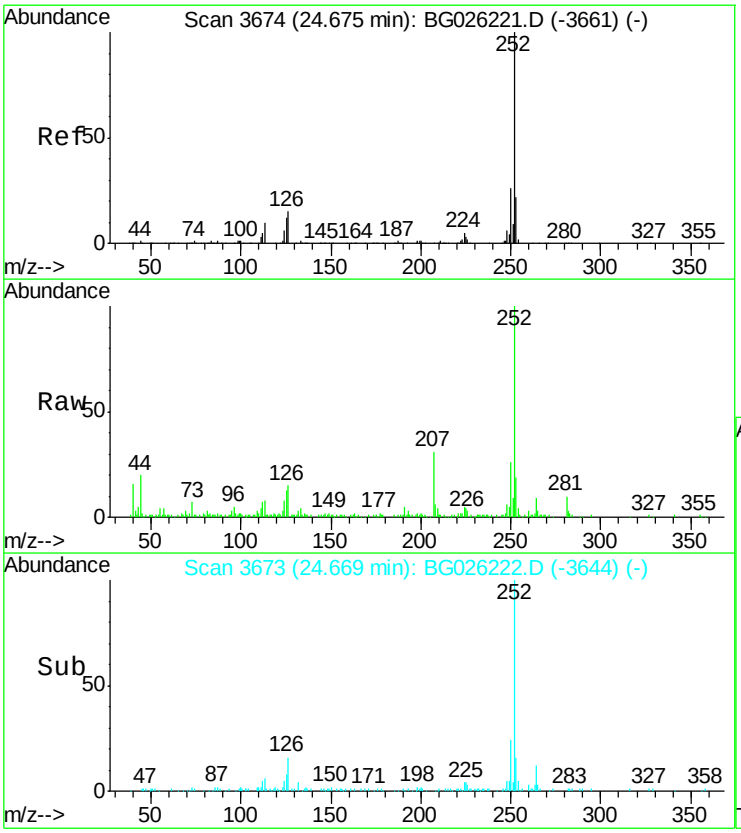
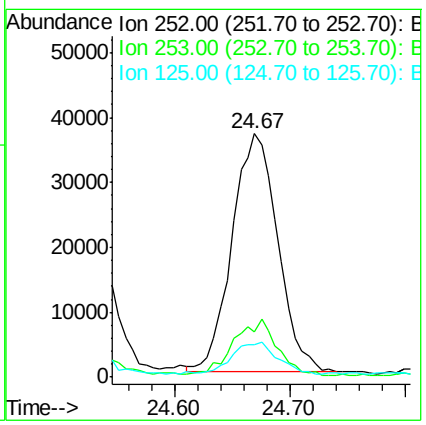
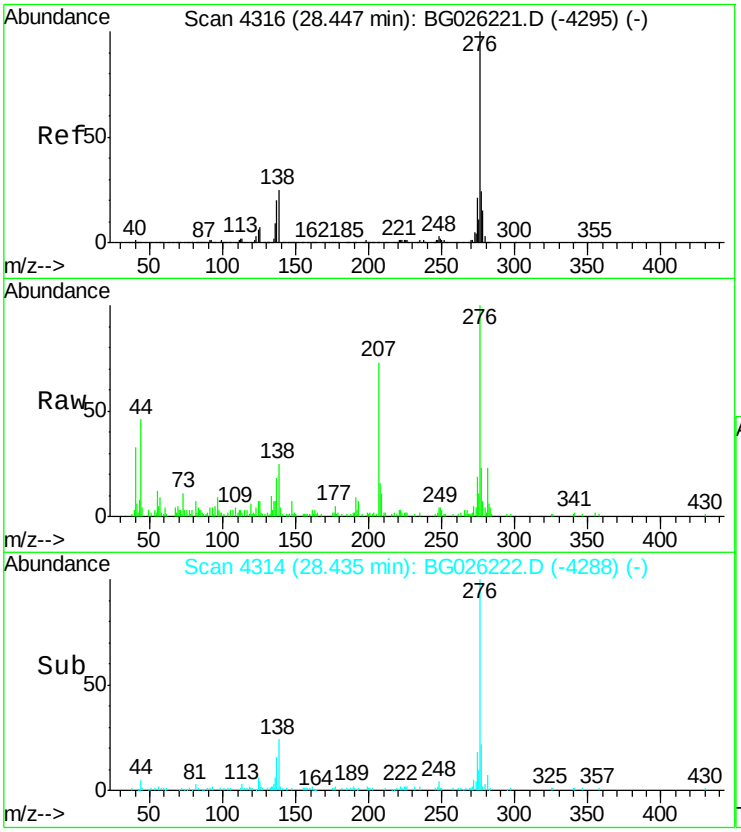


#27
Benzo(a)pyrene
Concen: 3.31 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:252 Resp: 100996

Ion	Ratio	Lower	Upper
252	100		
253	18.6	17.1	25.7
125	13.1	9.4	14.2

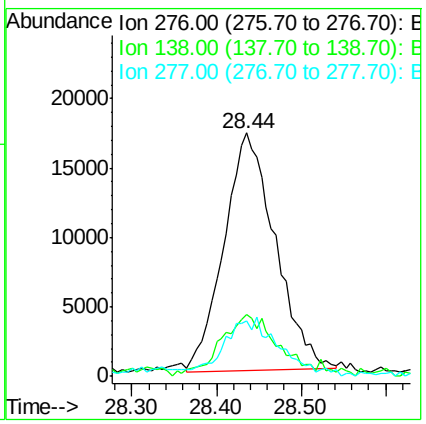




#28
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng/ul
RT: 28.44 min Scan# 4314
Delta R.T. -0.04 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:276 Resp: 71878

Ion	Ratio	Lower	Upper
276	100		
138	25.2	17.8	26.6
277	22.7	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
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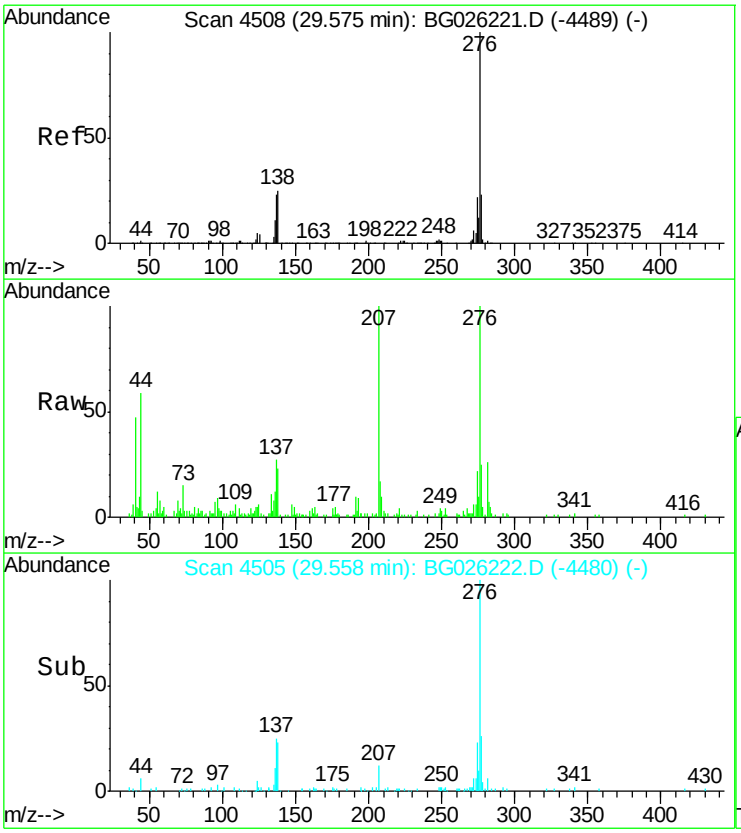

#30
Benzo(g,h,i)perylene
Concen: 2.43 ng/ul m
RT: 29.56 min Scan# 4505
Delta R.T. -0.05 min
Lab File: BG026222.D
Acq: 13 Mar 2017 21:46

Tgt Ion:276 Resp: 70126

Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.0	28.4
277	25.2	19.7	29.5