Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
Data File : BG027114.D
Acq On : 24 May 2017 3:47
Operator : SJ/MA
Sample : I3275-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC74

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Quant Time: May 31 16:40:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:50:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	275338	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1275048	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	652741	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1137183	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	1051340	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	938692	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1549979	23.15	ng/ul	0.00
10) Fluorene-d10	15.61	176	985373	22.06	ng/ul	0.00
14) Anthracene-d10	17.45	188	1324818m	23.89	ng/ul	0.00
18) Pyrene-d10	19.73	212	1261081	22.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	1138871	24.42	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.39	178	310903	4.89	ng/ul	99
16) Fluoranthene	19.40	202	579082	8.91	ng/ul#	93
19) Pyrene	19.76	202	547316	7.97	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	277657	4.38	ng/ul	94
21) Chrysene	21.65	228	436916	7.51	ng/ul	95
23) Benzo(b)fluoranthene	23.77	252	697528	12.50	ng/ul#	93
24) Benzo(k)fluoranthene	23.83	252	341992m	5.96	ng/ul	
26) Benzo(a)pyrene	24.63	252	361976	6.63	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	28.39	276	194399m	3.87	ng/ul	
28) Dibenzo(a,h)anthracene	28.43	278	46107m	1.06	ng/ul	
29) Benzo(g,h,i)perylene	29.53	276	130585m	3.27	ng/ul	

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

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:50:08 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DAC74

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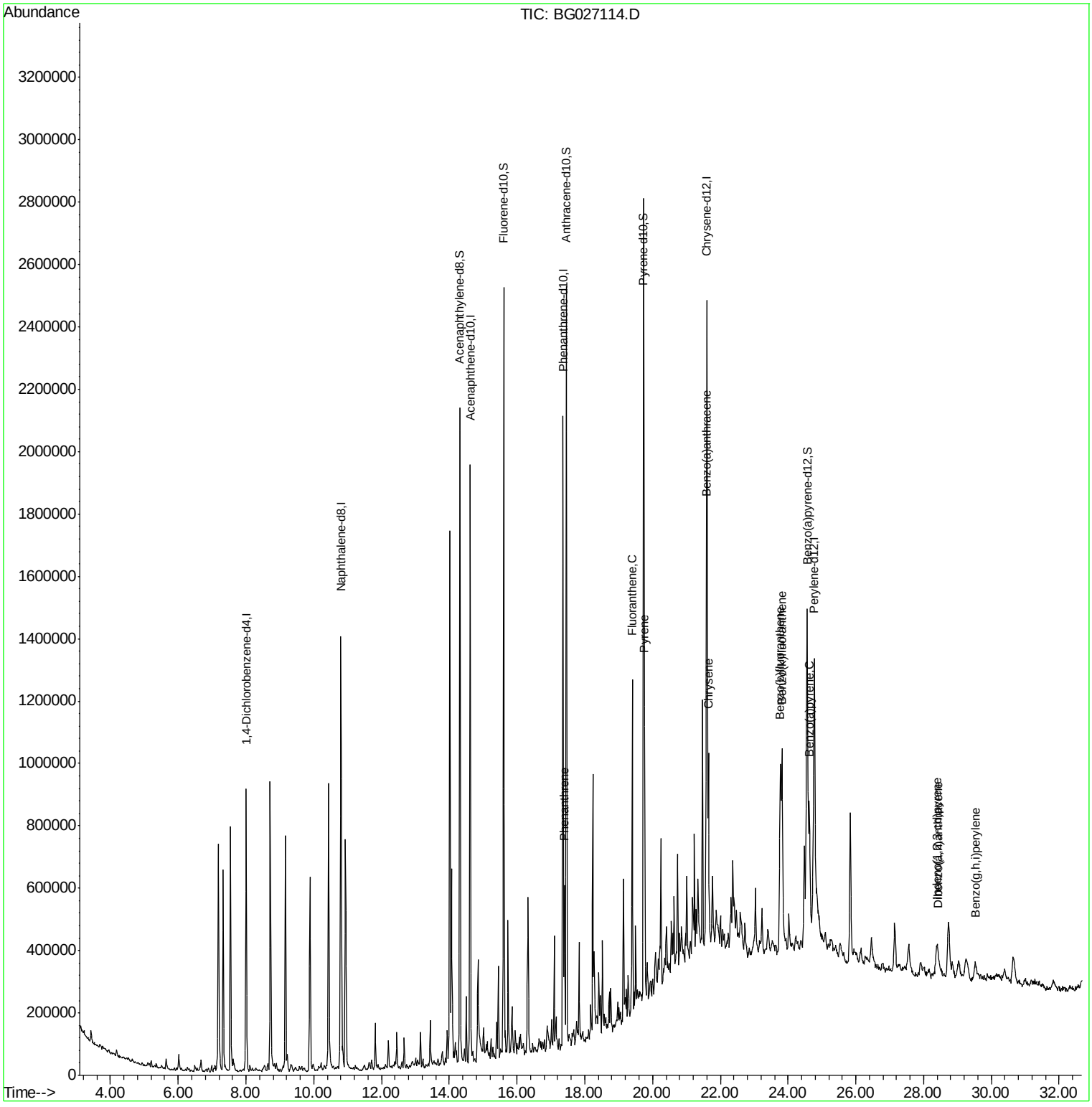
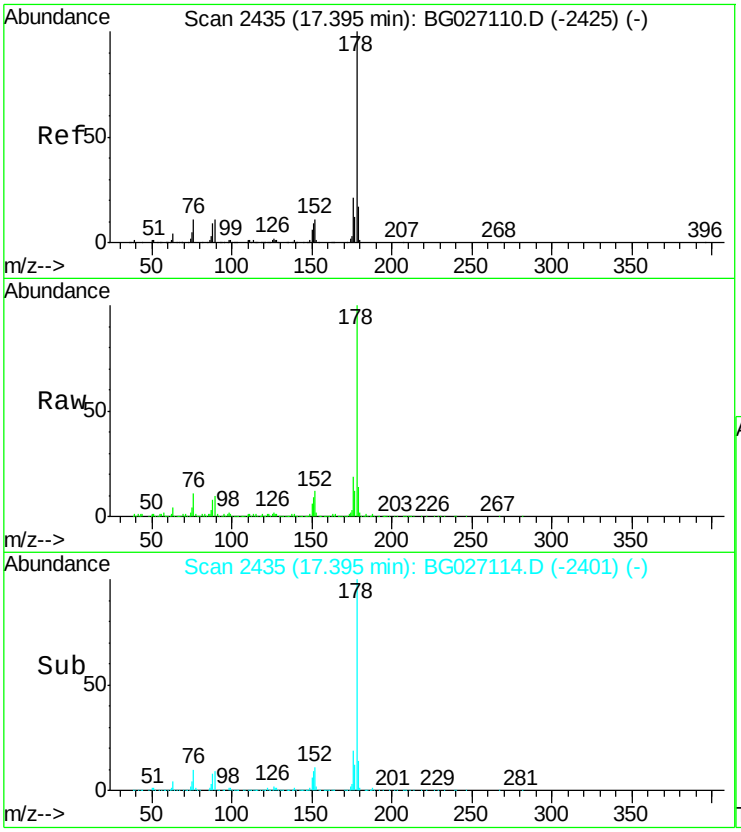
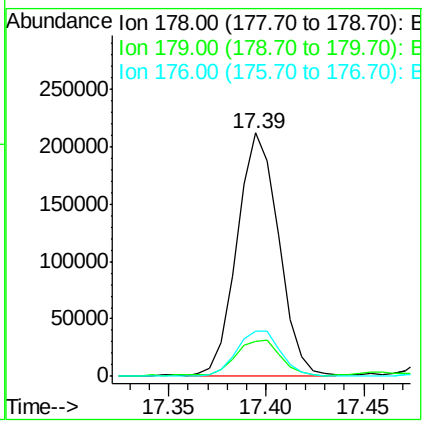




#13
Phenanthrene
Concen: 4.89 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:178 Resp: 310903

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.3	18.5
176	18.8	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DAC74

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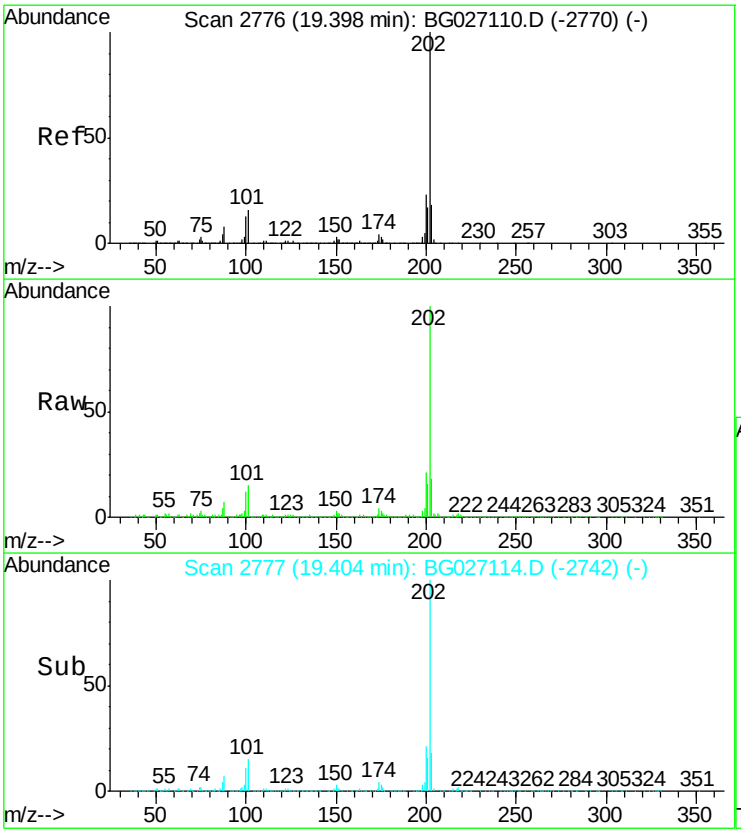
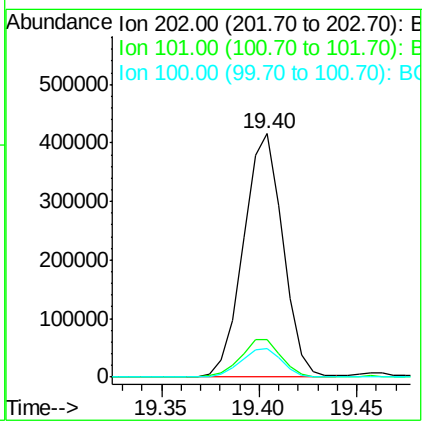
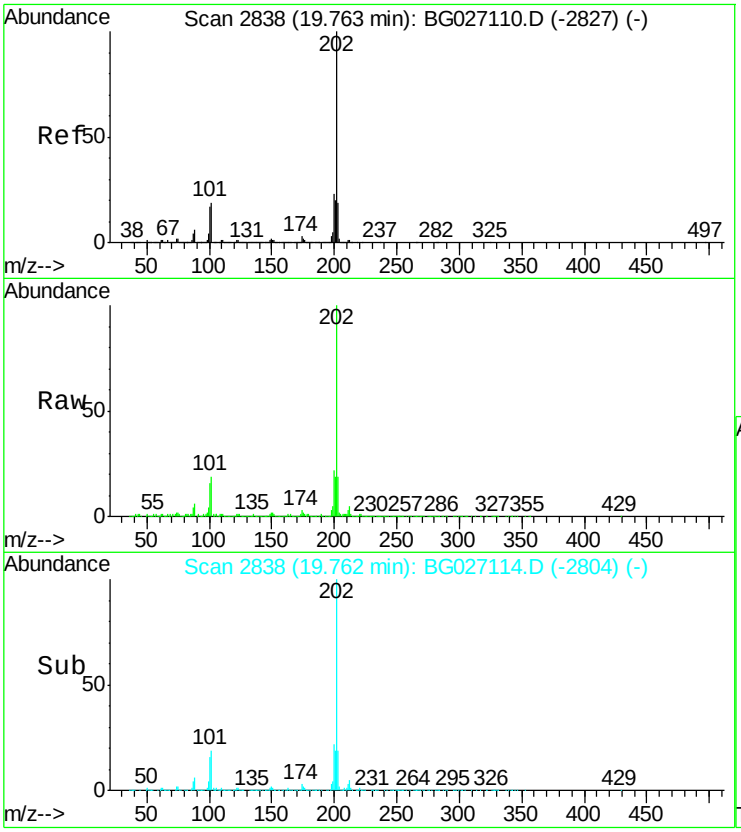


#16
Fluoranthene
Concen: 8.91 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:202 Resp: 579082

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.5	7.4	11.0#





#19
Pyrene
Concen: 7.97 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:202 Resp: 547316

Ion	Ratio	Lower	Upper
202	100		
101	19.2	11.0	16.4#
100	15.5	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC74

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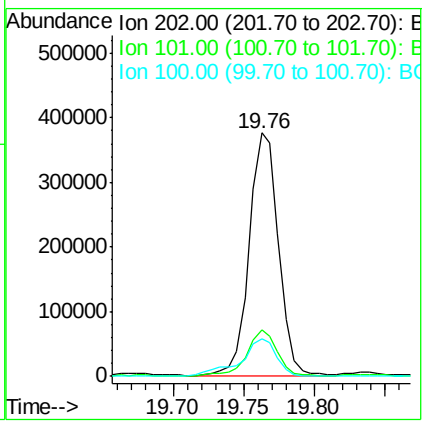
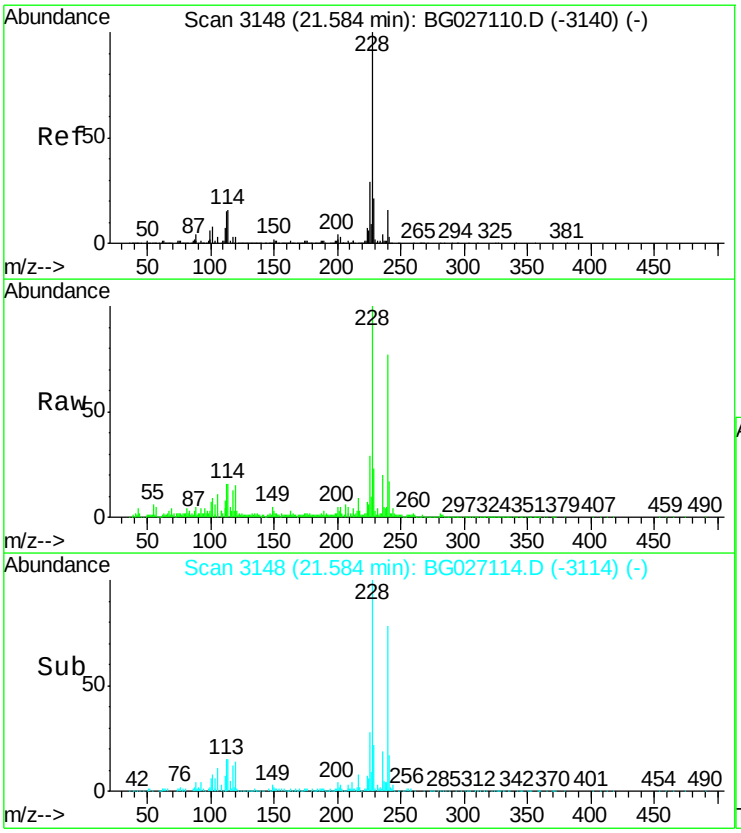
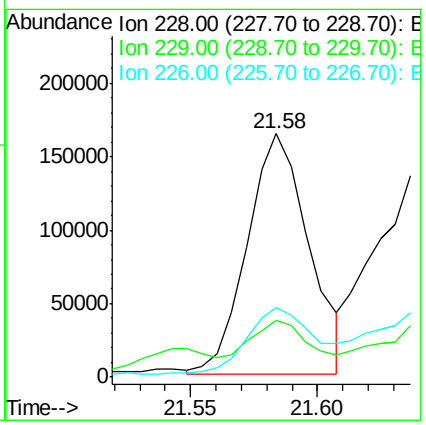


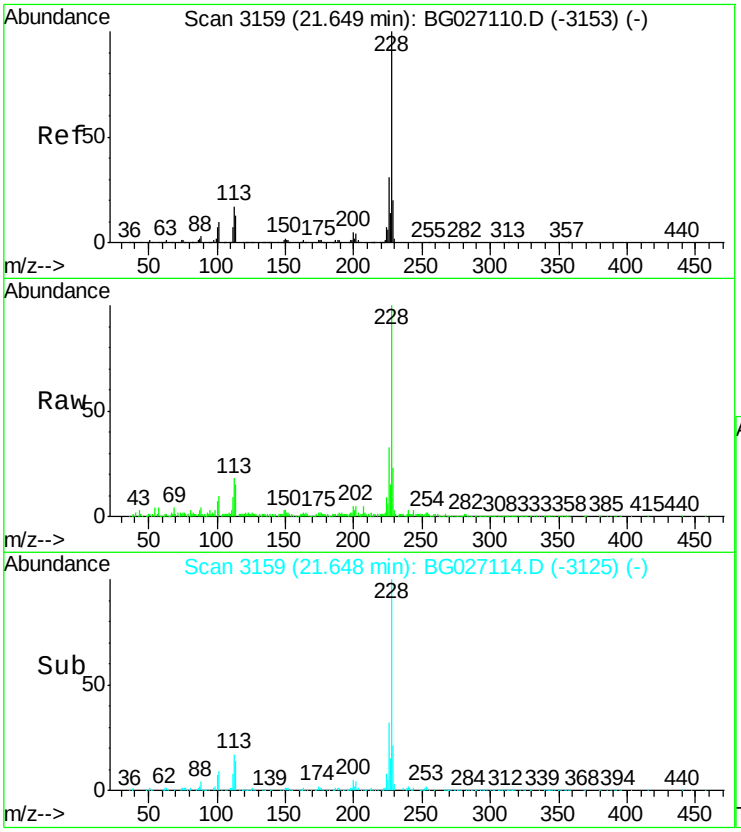


#20
Benzo(a)anthracene
Concen: 4.38 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:228 Resp: 277657

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.7	23.5
226	28.7	21.1	31.7

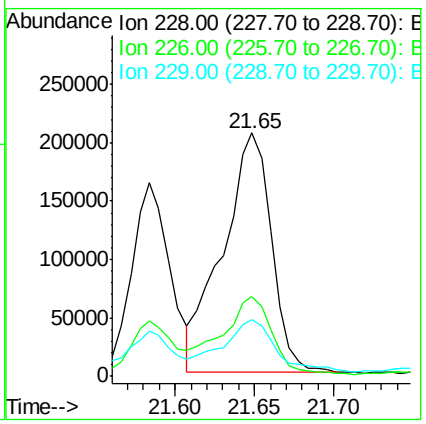




#21
Chrysene
Concen: 7.51 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:228 Resp: 436916

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.5	36.7
229	23.1	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
DAC74

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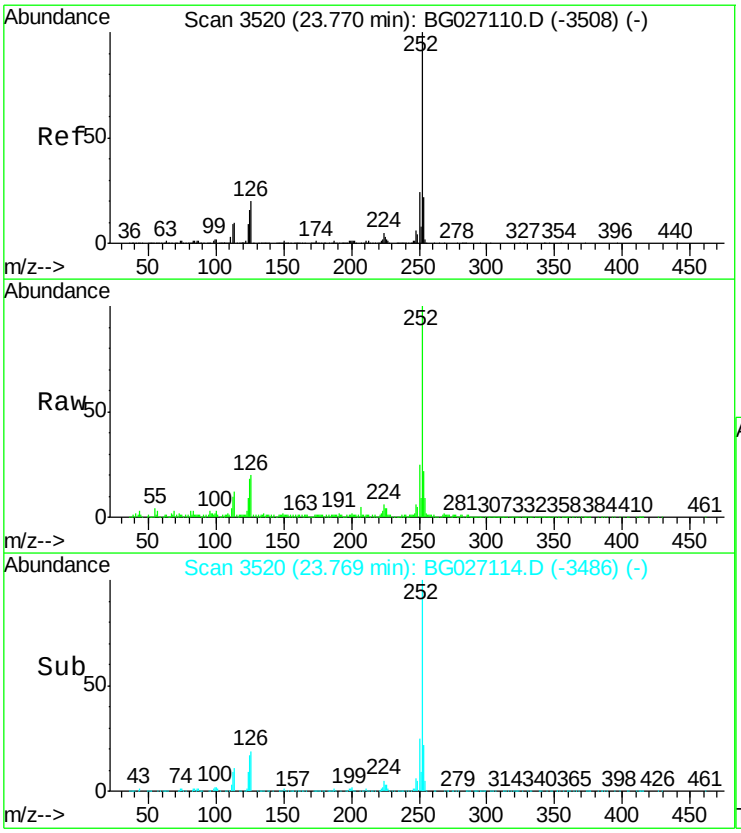
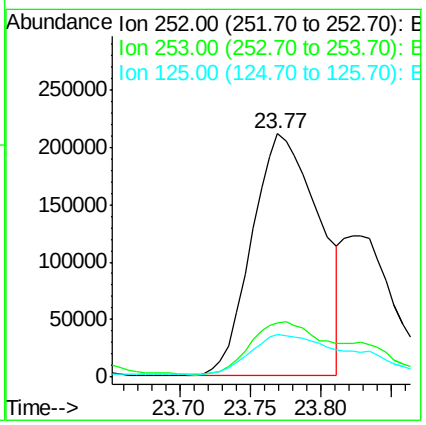
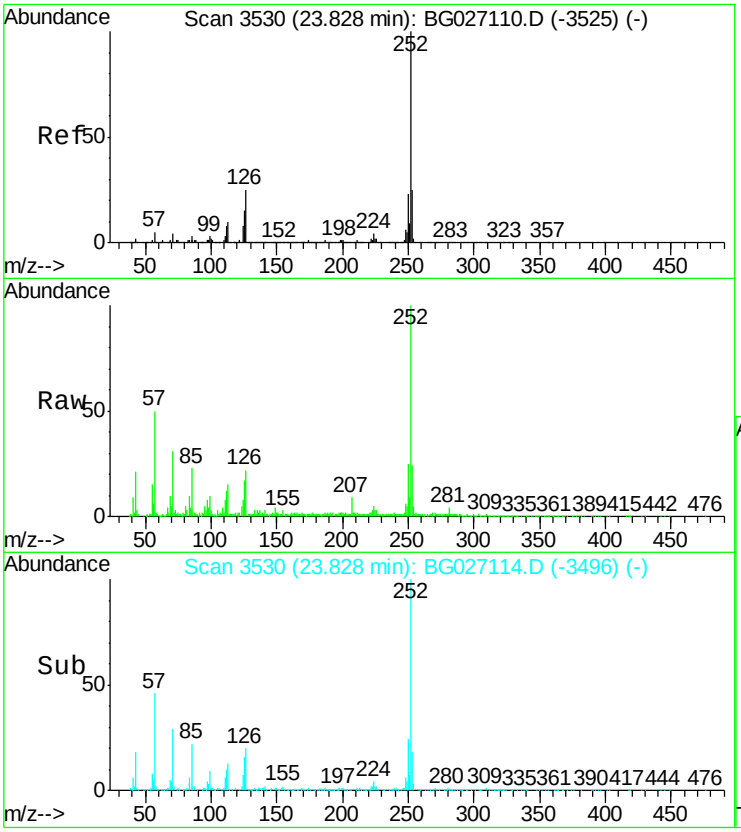


#23
Benzo(b)fluoranthene
Concen: 12.50 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.00 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:252 Resp: 697528

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	17.7	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 5.96 ng/ul m
RT: 23.83 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:252 Resp: 341992

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	17.5	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC74

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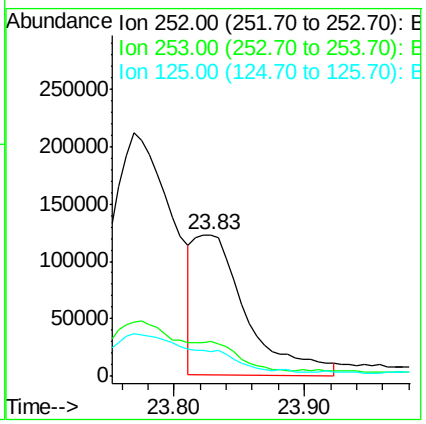
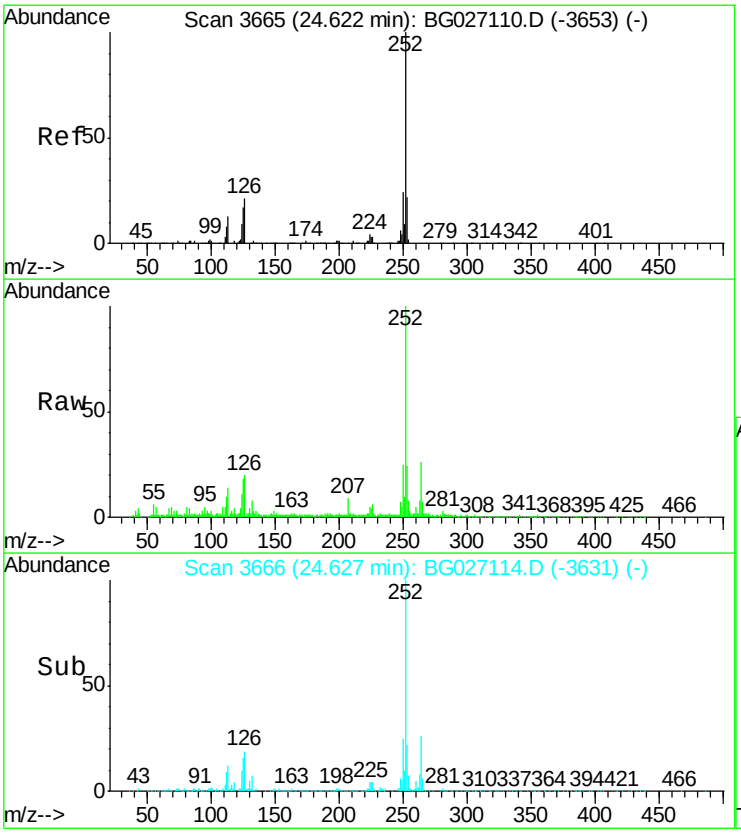
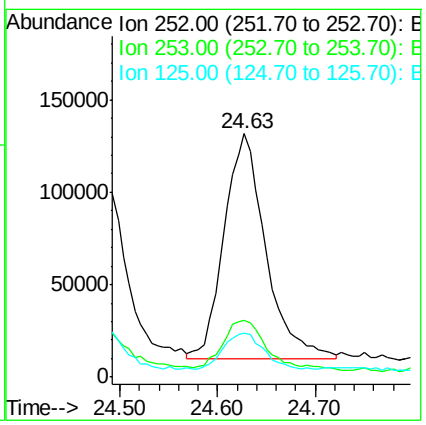


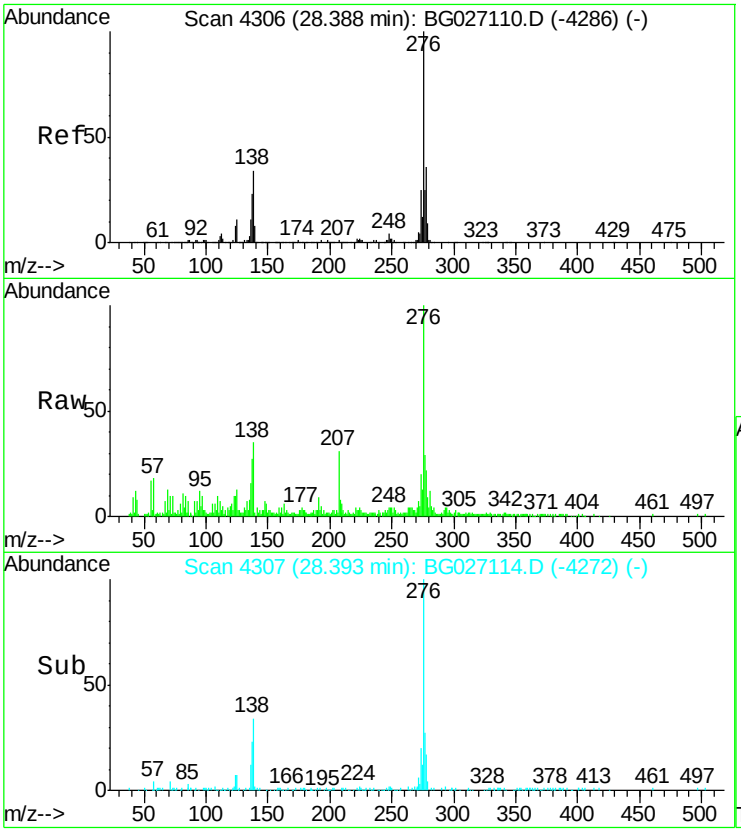


#26
Benzo(a)pyrene
Concen: 6.63 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:252 Resp: 361976

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	17.9	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.87 ng/ul m
RT: 28.39 min Scan# 4307
Delta R.T. 0.01 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:276 Resp: 194399

Ion	Ratio	Lower	Upper
276	100		
138	34.6	14.4	21.6#
277	29.0	18.0	27.0#

Instrument :
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ClientSampleId :
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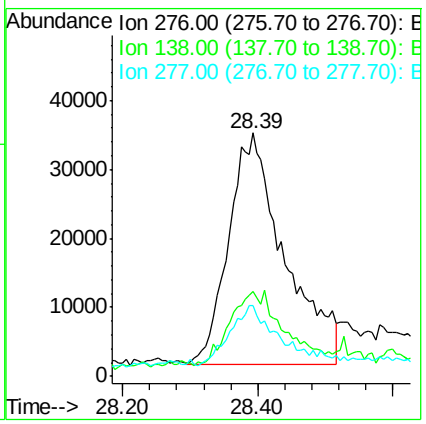
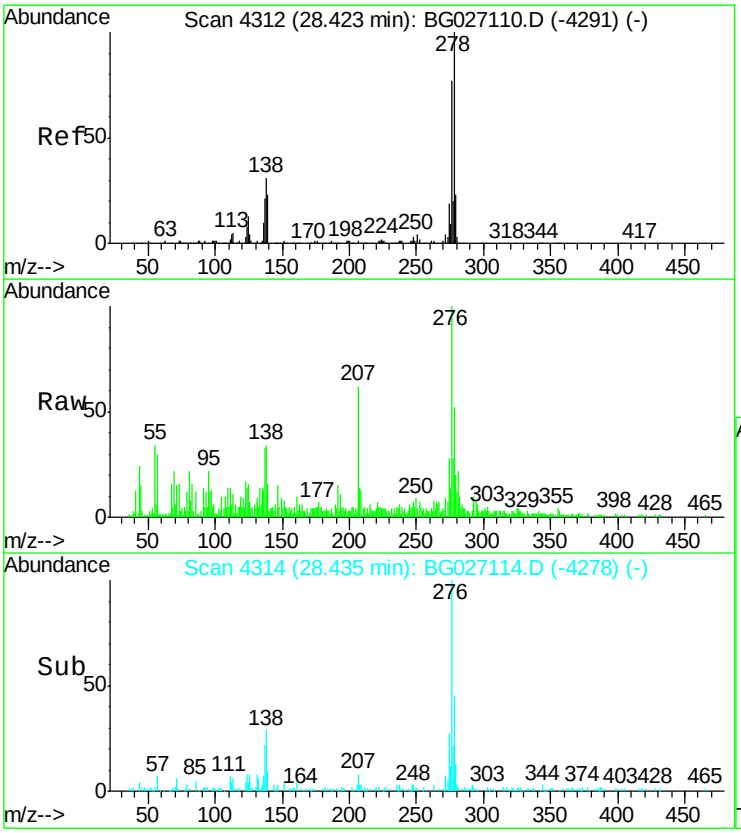
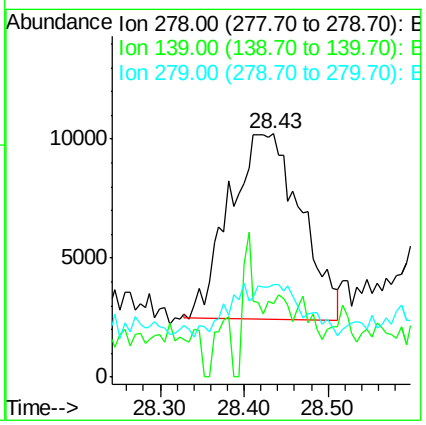


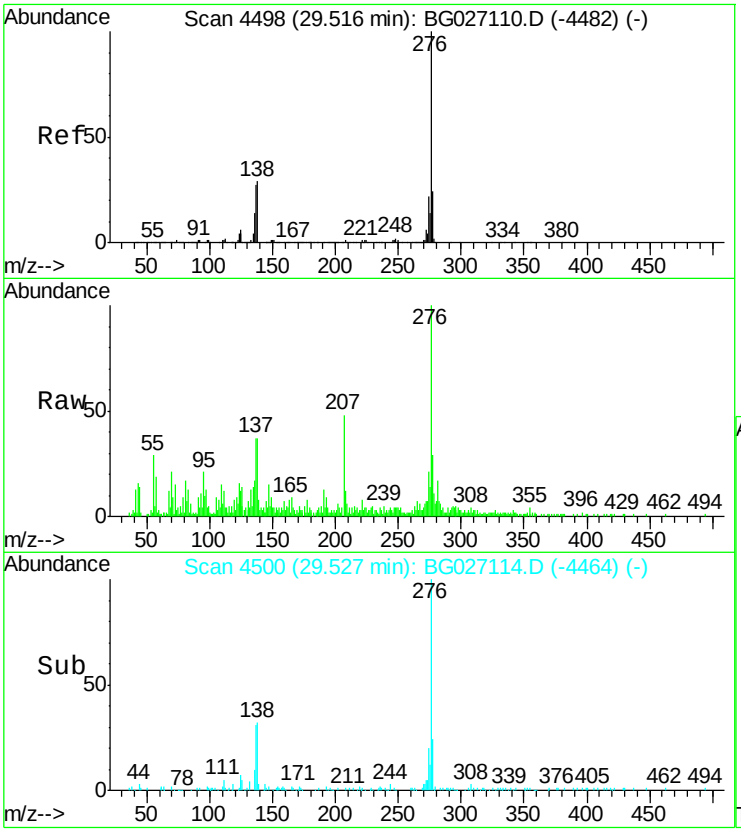


#28
Dibenzo(a,h)anthracene
Concen: 1.06 ng/ul m
RT: 28.43 min Scan# 4314
Delta R.T. 0.01 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:278 Resp: 46107

Ion	Ratio	Lower	Upper
278	100		
139	30.3	12.2	18.4#
279	38.3	19.2	28.8#

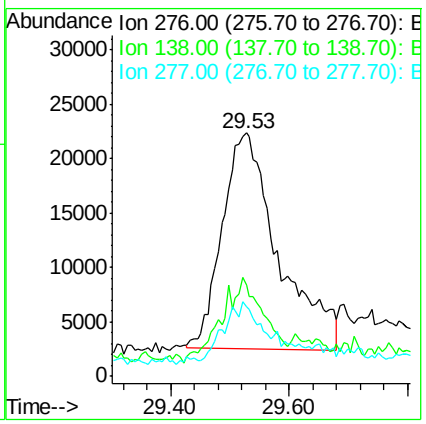




#29
Benzo(g,h,i)perylene
Concen: 3.27 ng/ul m
RT: 29.53 min Scan# 4500
Delta R.T. 0.01 min
Lab File: BG027114.D
Acq: 24 May 2017 3:47

Tgt Ion:276 Resp: 130585

Ion	Ratio	Lower	Upper
276	100		
138	37.3	15.3	22.9#
277	28.5	19.0	28.4#



Instrument :
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