Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
Data File : BG027121.D
Acq On : 24 May 2017 8:22
Operator : SJ/MA
Sample : I3276-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC92

Manual Integrations APPROVED
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Quant Time: May 24 12:02:47 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	8.00	152	256480	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1204420	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	613941	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	1102561	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	1016295	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	897403	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1437131	22.82	ng/ul	0.00
10) Fluorene-d10	15.61	176	913463	21.74	ng/ul	0.00
14) Anthracene-d10	17.45	188	1210240m	22.51	ng/ul	0.00
18) Pyrene-d10	19.74	212	1185028	22.33	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	1050198	23.55	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	17.40	178	219270	3.56	ng/ul	96
16) Fluoranthene	19.40	202	446107	7.08	ng/ul#	93
19) Pyrene	19.77	202	403879	6.08	ng/ul#	90
20) Benzo(a)anthracene	21.59	228	232535	3.80	ng/ul	98
21) Chrysene	21.65	228	248203	4.42	ng/ul	96
23) Benzo(b)fluoranthene	23.78	252	598410	11.22	ng/ul#	91
24) Benzo(k)fluoranthene	23.83	252	241294m	4.40	ng/ul	
26) Benzo(a)pyrene	24.63	252	277132	5.31	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.39	276	281538	5.87	ng/ul#	83
28) Dibenzo(a,h)anthracene	28.44	278	68958m	1.66	ng/ul	
29) Benzo(g,h,i)perylene	29.53	276	256078m	6.71	ng/ul	

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

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ClientSampleId :
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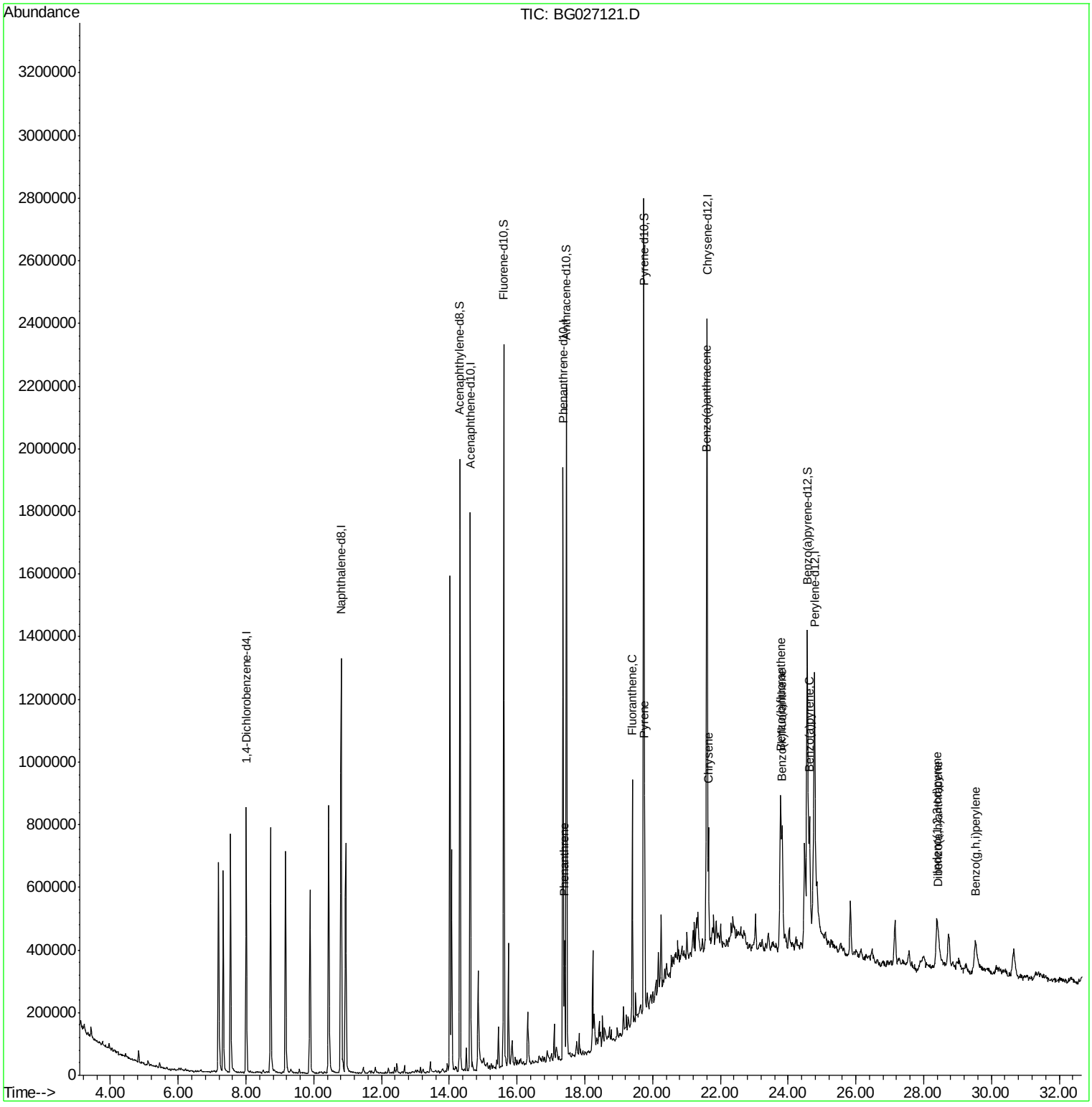
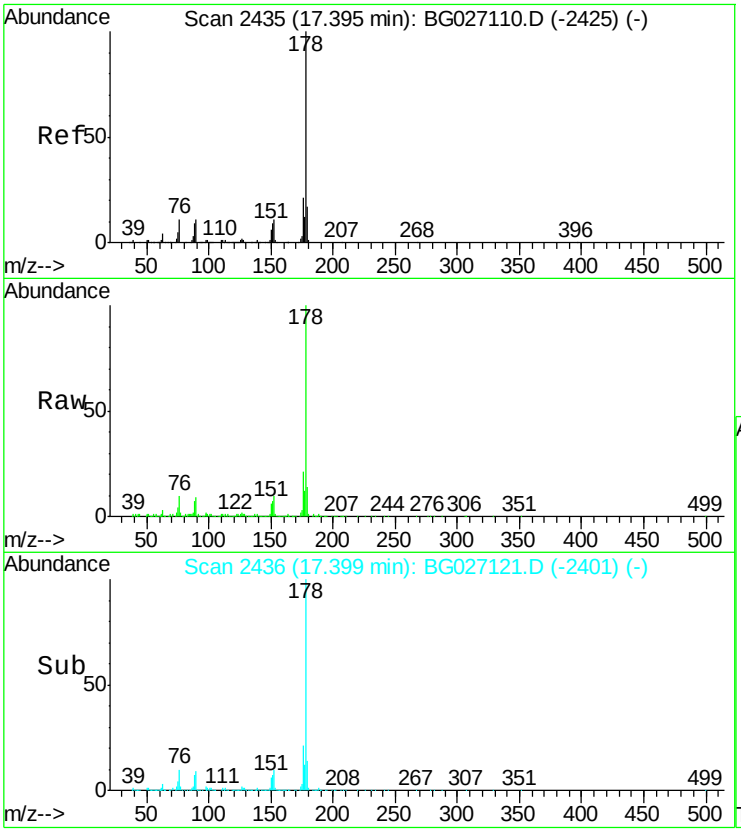
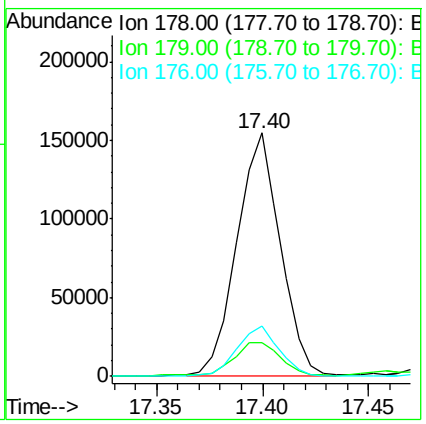




#13
Phenanthrene
Concen: 3.56 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:178 Resp: 219270

Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.3	18.5
176	20.9	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DAC92

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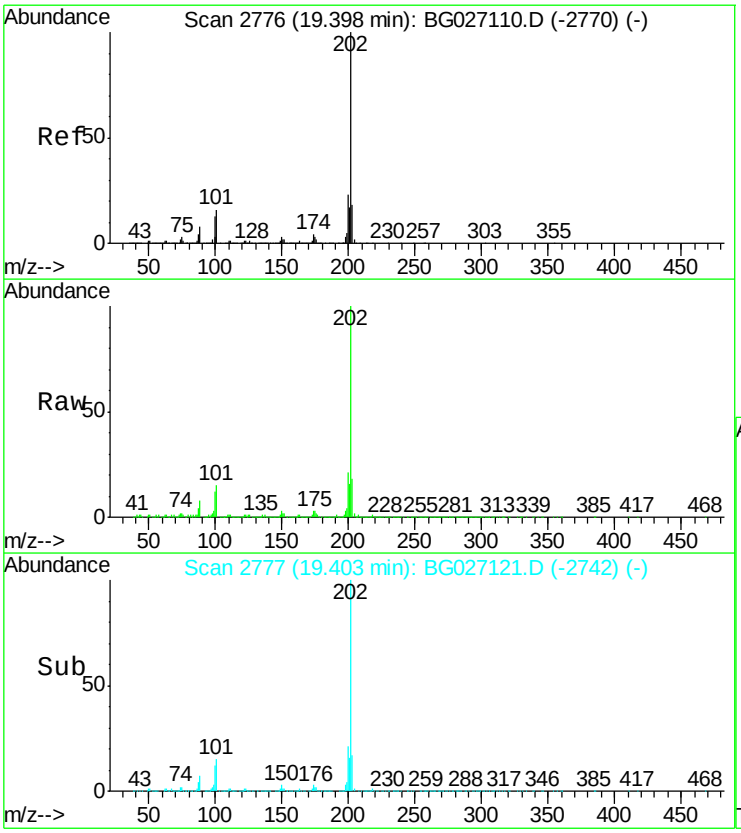
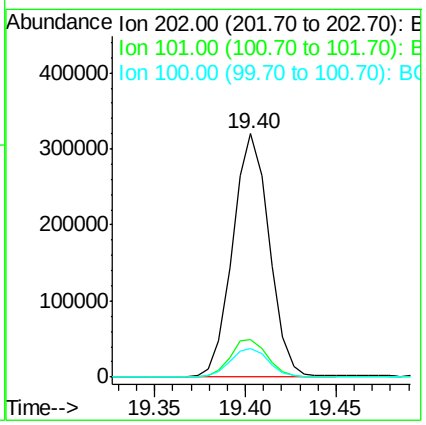
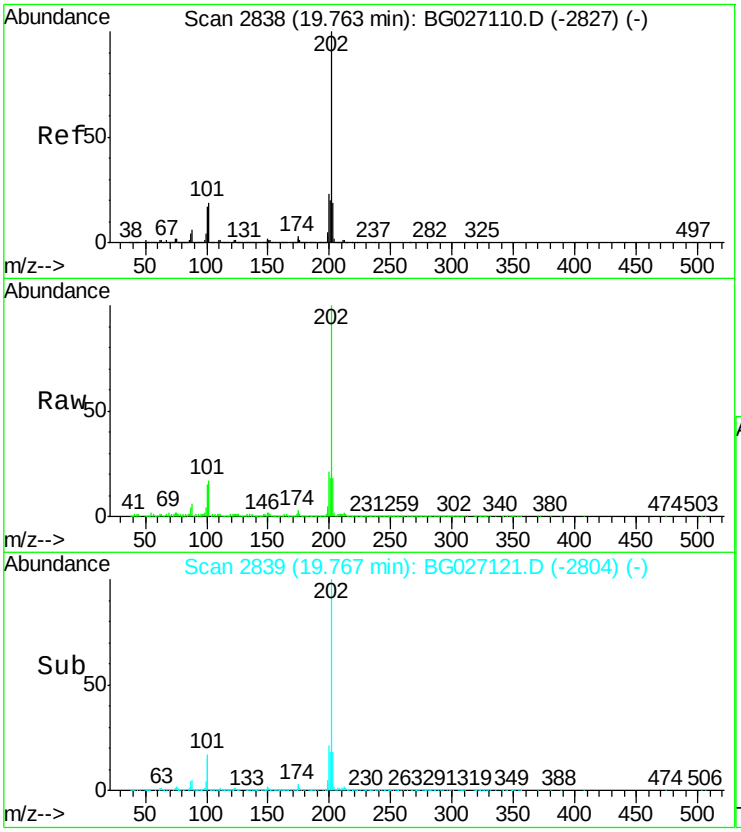


#16
Fluoranthene
Concen: 7.08 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:202 Resp: 446107

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.8	7.4	11.0#





#19
Pyrene
Concen: 6.08 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:202 Resp: 403879

Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.0	16.4#
100	14.9	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC92

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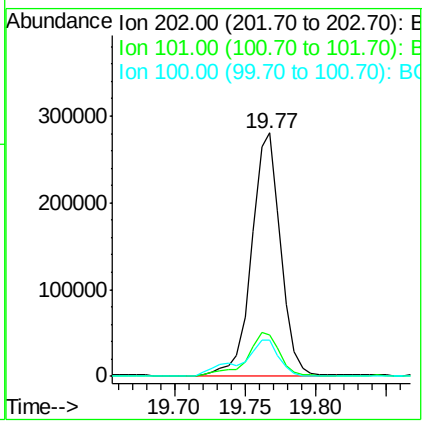
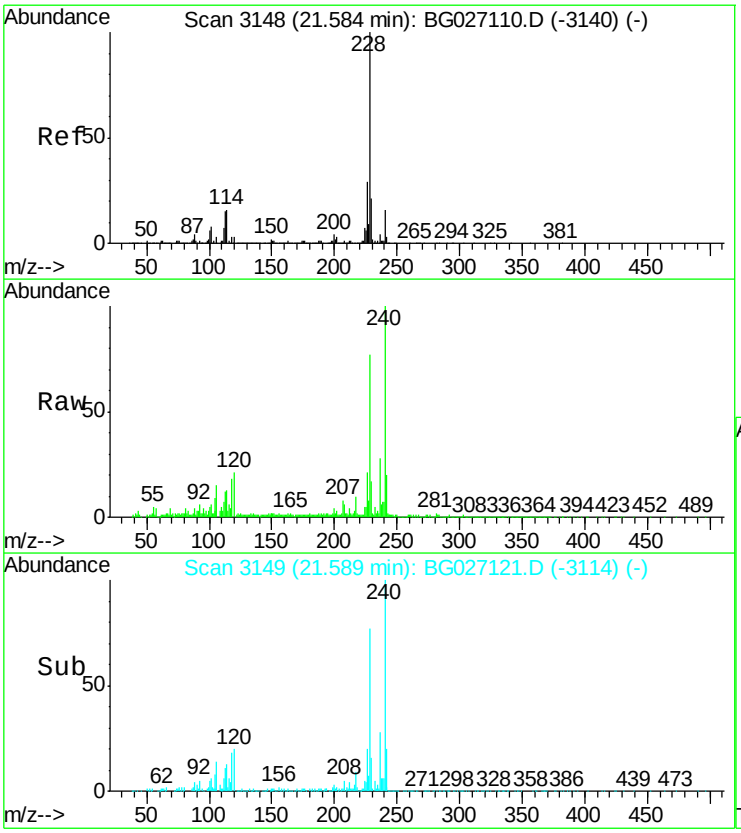
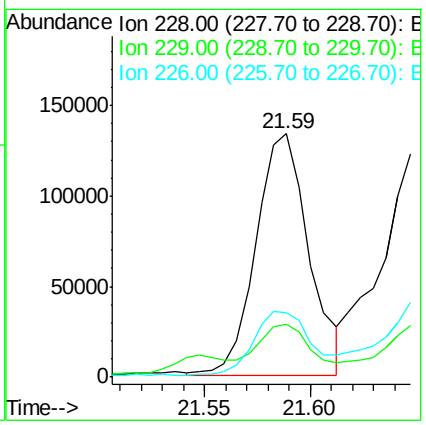


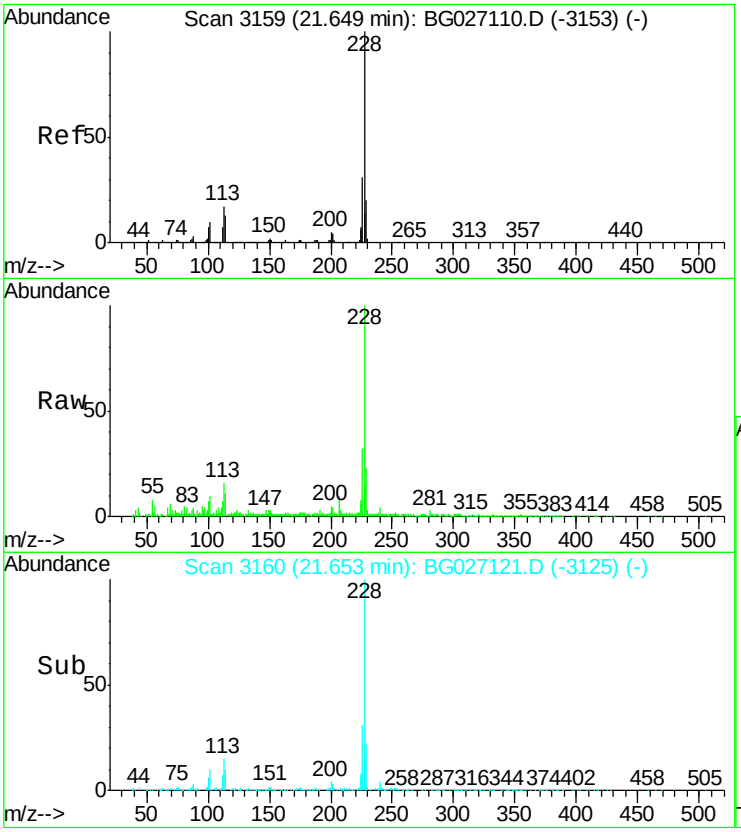


#20
Benzo(a)anthracene
Concen: 3.80 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:228 Resp: 232535

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	26.5	21.1	31.7





#21
Chrysene
Concen: 4.42 ng/ul
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:228 Resp: 248203

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	23.2	15.8	23.8

Instrument :
BNA_G
ClientSampleId :
DAC92

Manual Integrations APPROVED
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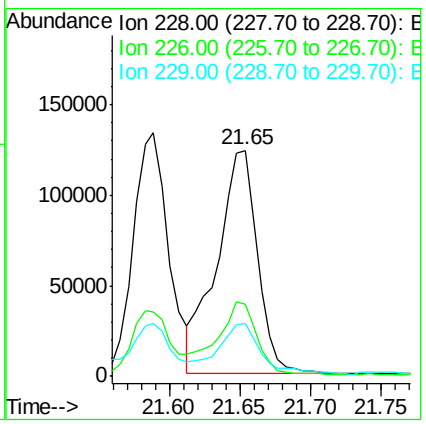
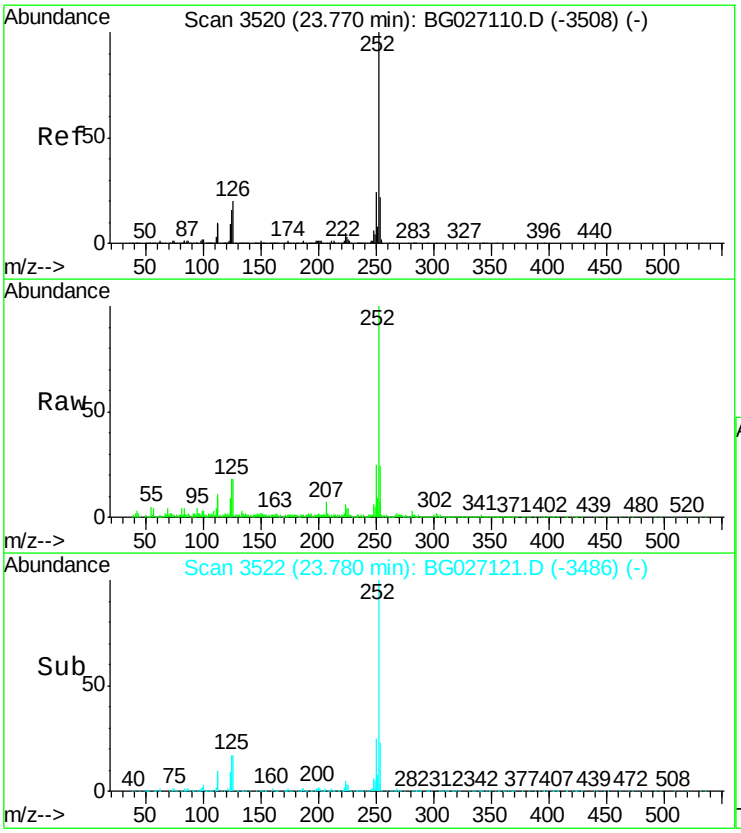
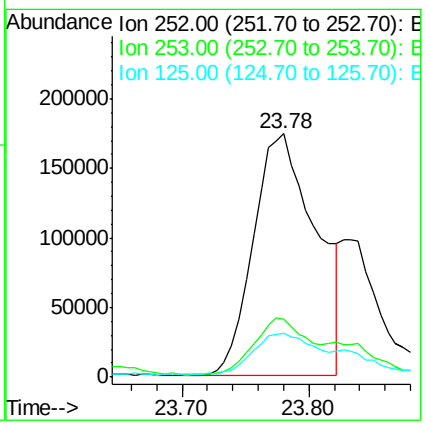


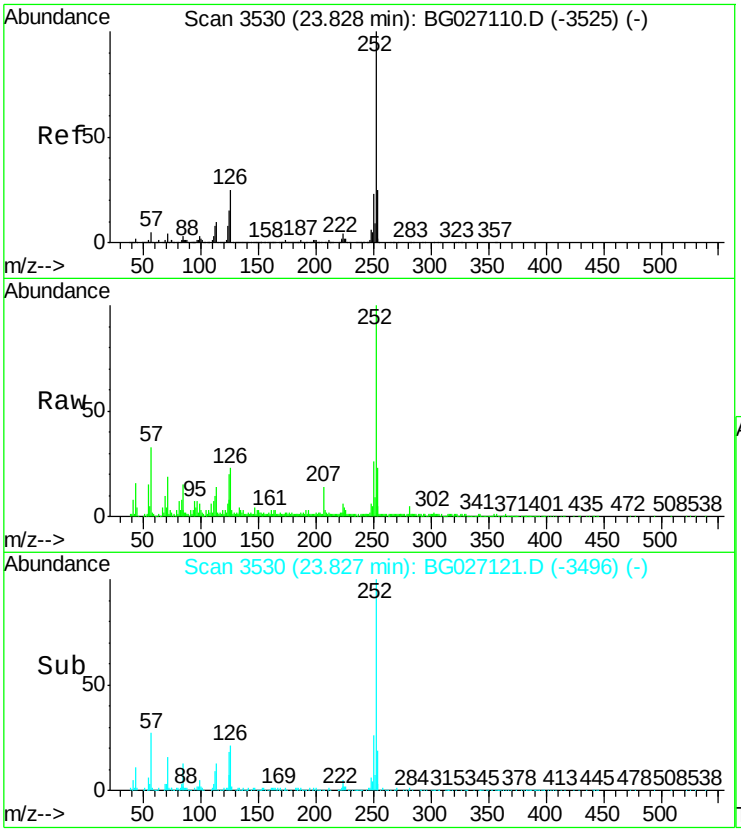


#23
Benzo(b)fluoranthene
Concen: 11.22 ng/ul
RT: 23.78 min Scan# 3522
Delta R.T. 0.01 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:252 Resp: 598410

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	18.1	8.0	12.0#





#24
Benzo(k)fluoranthene
Concen: 4.40 ng/ul m
RT: 23.83 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:252 Resp: 241294

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	20.2	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC92

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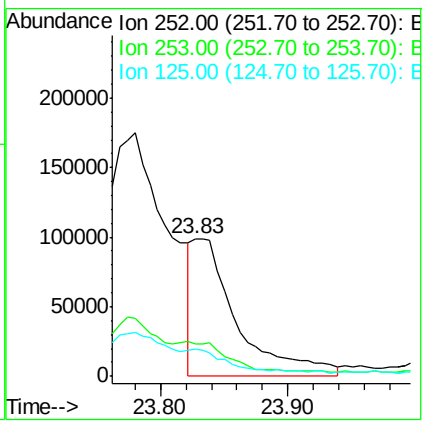
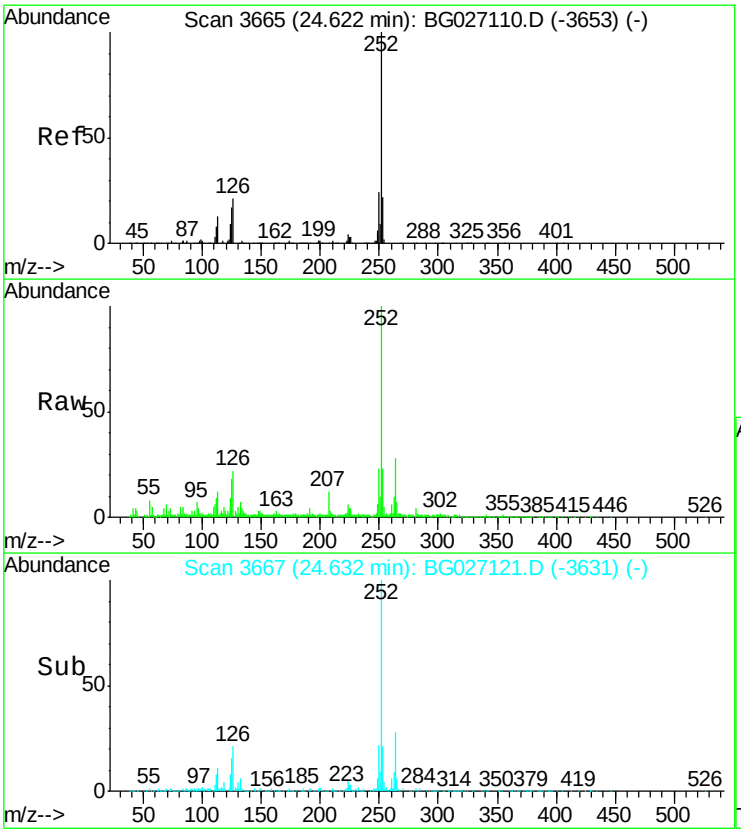
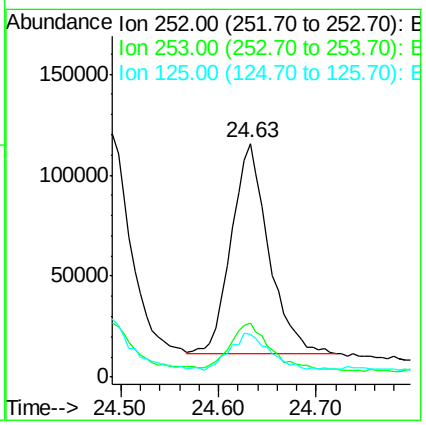


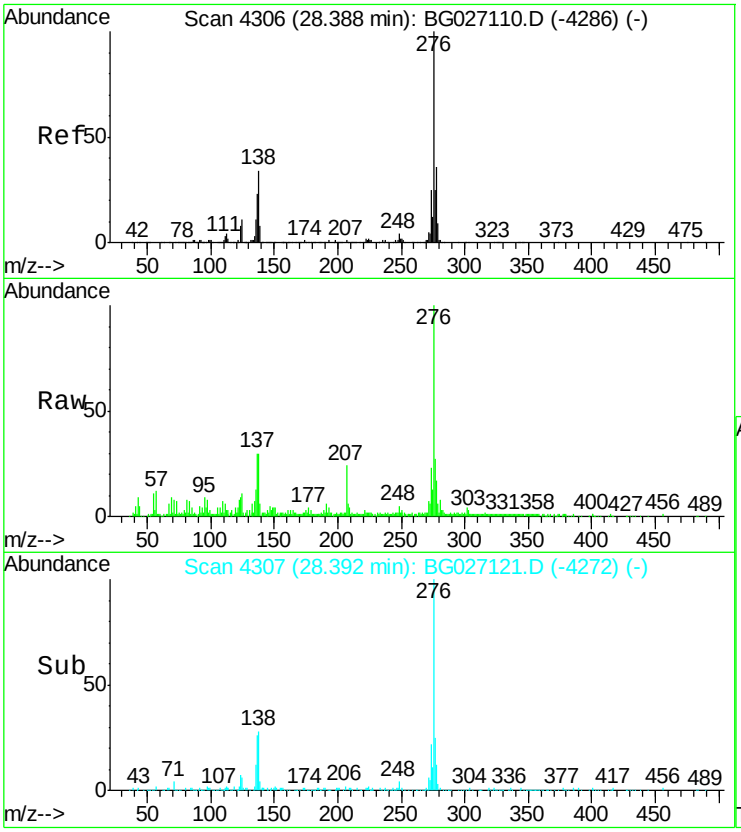


#26
Benzo(a)pyrene
Concen: 5.31 ng/ul
RT: 24.63 min Scan# 3667
Delta R.T. 0.01 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:252 Resp: 277132

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	18.3	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.87 ng/ul
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:276 Resp: 281538

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	26.7	18.0	27.0

Instrument :
BNA_G
ClientSampleId :
DAC92

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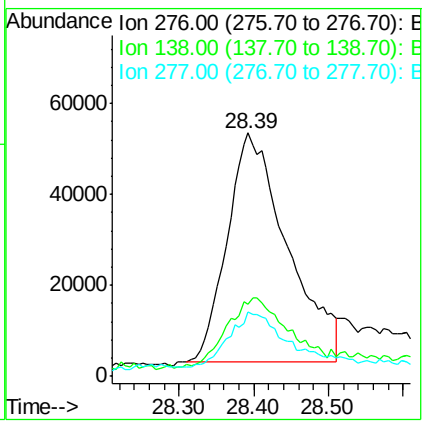
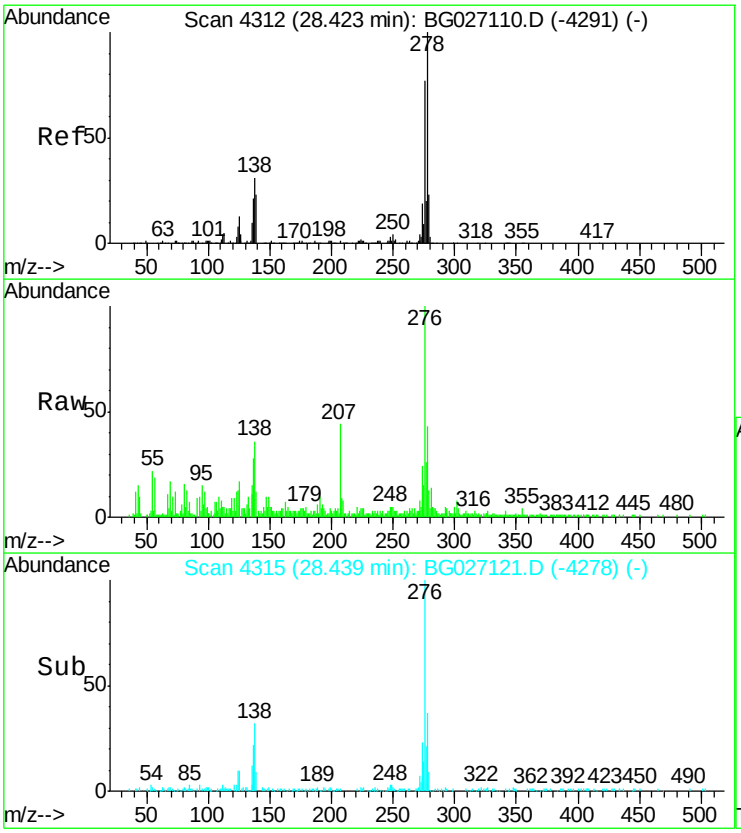
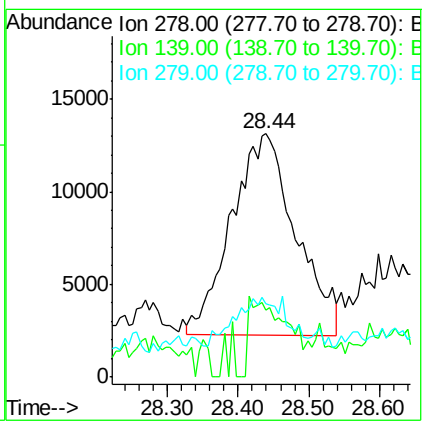


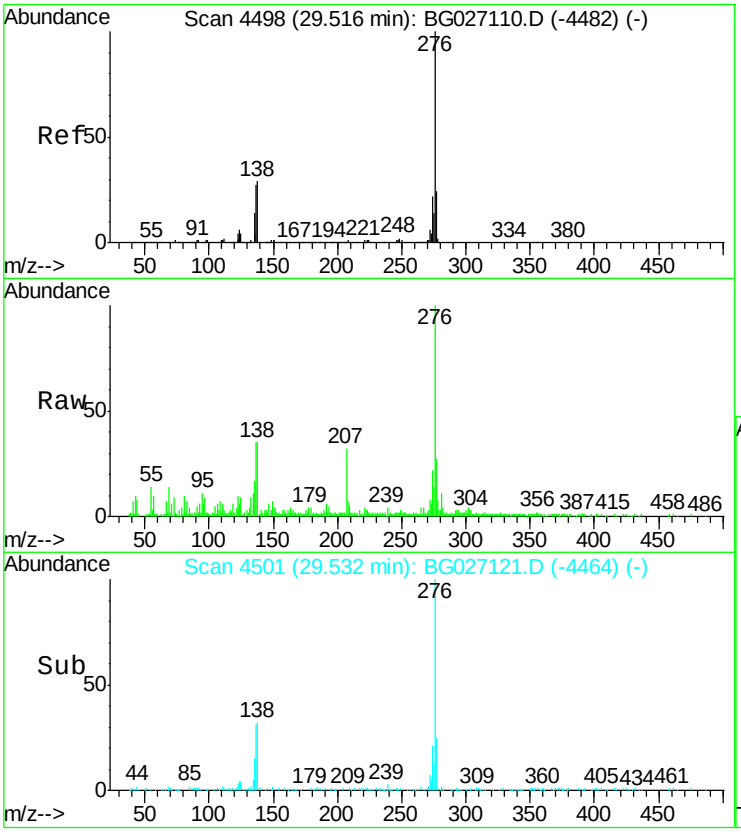


#28
Dibenzo(a,h)anthracene
Concen: 1.66 ng/ul m
RT: 28.44 min Scan# 4315
Delta R.T. 0.02 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:278 Resp: 68958

Ion	Ratio	Lower	Upper
278	100		
139	27.6	12.2	18.4#
279	30.2	19.2	28.8#

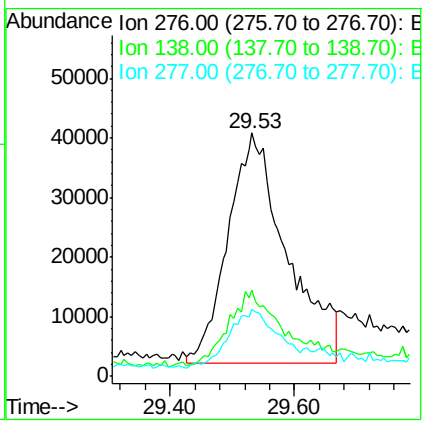




#29
Benzo(g,h,i)perylene
Concen: 6.71 ng/ul m
RT: 29.53 min Scan# 4501
Delta R.T. 0.02 min
Lab File: BG027121.D
Acq: 24 May 2017 8:22

Tgt Ion:276 Resp: 256078

Ion	Ratio	Lower	Upper
276	100		
138	35.4	15.3	22.9#
277	27.3	19.0	28.4



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