Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027013.D
Acq On : 18 May 2017 21:14
Operator : SJ/MA
Sample : I3136-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC20

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:10 AM

Quant Time: May 19 03:42:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	205497	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	980838	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.61	164	525257	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	977969	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	885208	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	932315	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	875202	16.24	ng/ul	0.00
10) Fluorene-d10	15.60	176	558804	15.55	ng/ul	0.00
14) Anthracene-d10	17.45	188	787460m	16.51	ng/ul	0.00
18) Pyrene-d10	19.73	212	758810	16.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	736068	15.89	ng/ul	0.00
Target Compounds						Qvalue
16) Fluoranthene	19.40	202	102553	1.83	ng/ul#	95
19) Pyrene	19.76	202	94244	1.63	ng/ul#	86
20) Benzo(a)anthracene	21.57	228	55227	1.04	ng/ul	94
21) Chrysene	21.64	228	65614	1.34	ng/ul	95
23) Benzo(b)fluoranthene	23.75	252	100323	1.81	ng/ul#	91
26) Benzo(a)pyrene	24.61	252	58031	1.07	ng/ul#	92

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

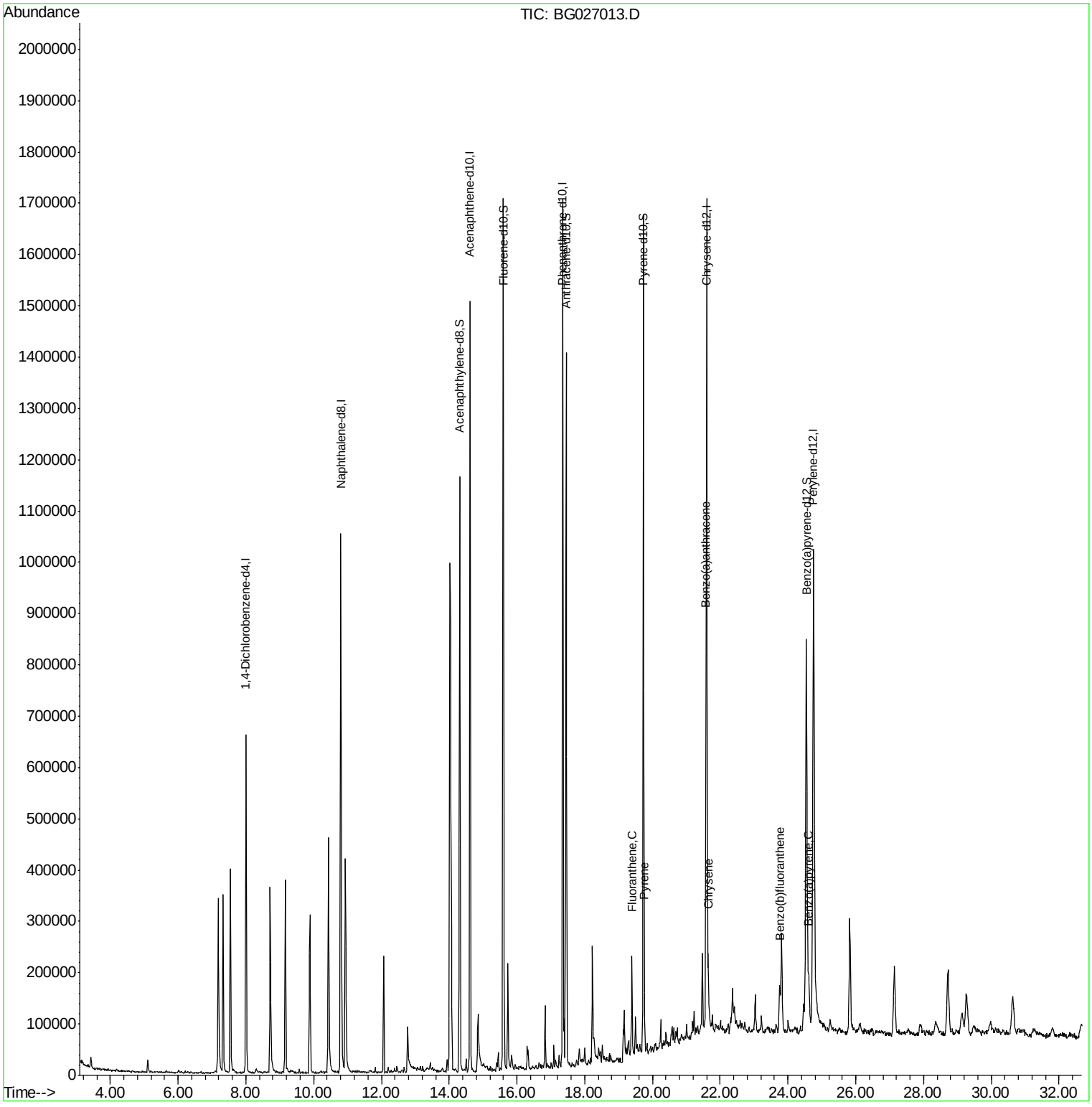
Quantitation Report (QT Reviewed)

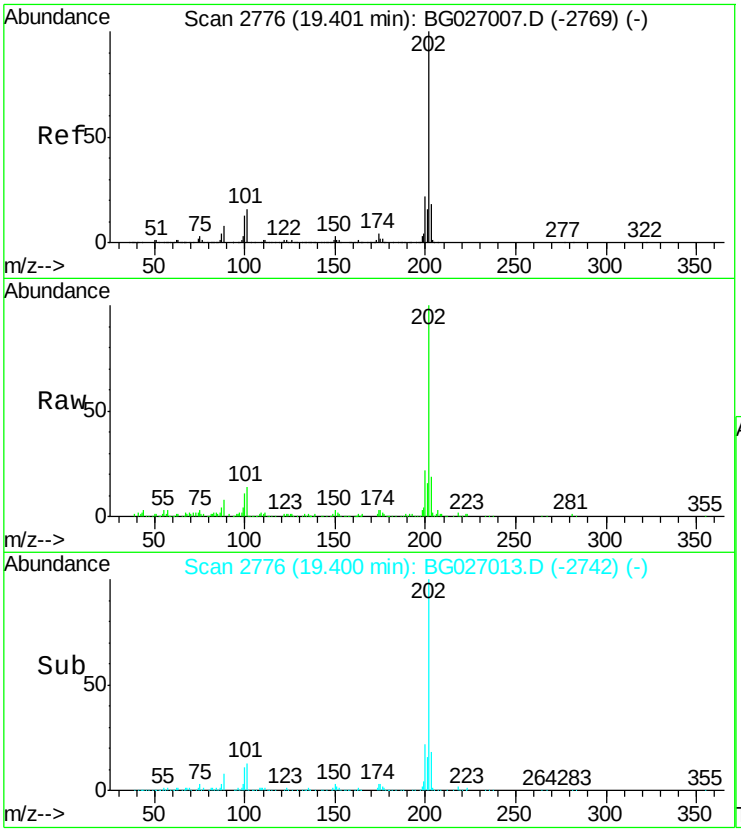
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027013.D
Acq On : 18 May 2017 21:14
Operator : SJ/MA
Sample : I3136-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 19 03:42:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 03:12:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DAC20

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:10 AM

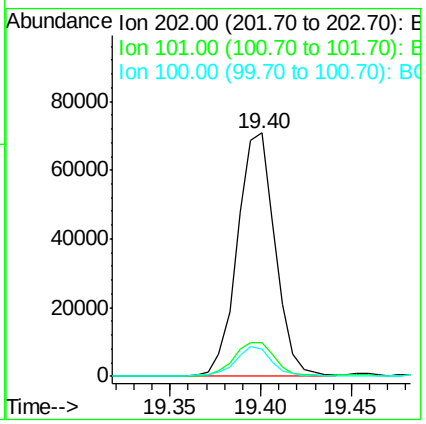




#16
Fluoranthene
Concen: 1.83 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

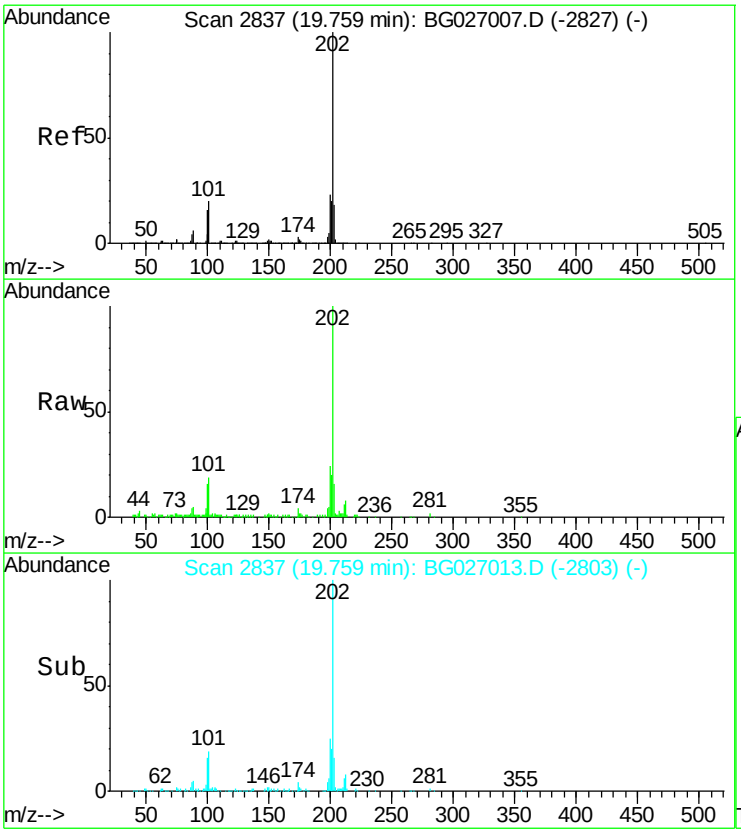
Tgt Ion:202 Resp: 102553

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.9	14.9
100	11.2	7.4	11.0#



Instrument :
BNA_G
ClientSampleId :
DAC20

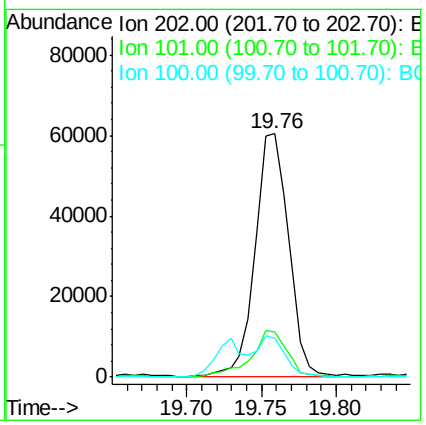
Manual Integrations APPROVED
mohammad
5/22/2017 11:04:10 AM

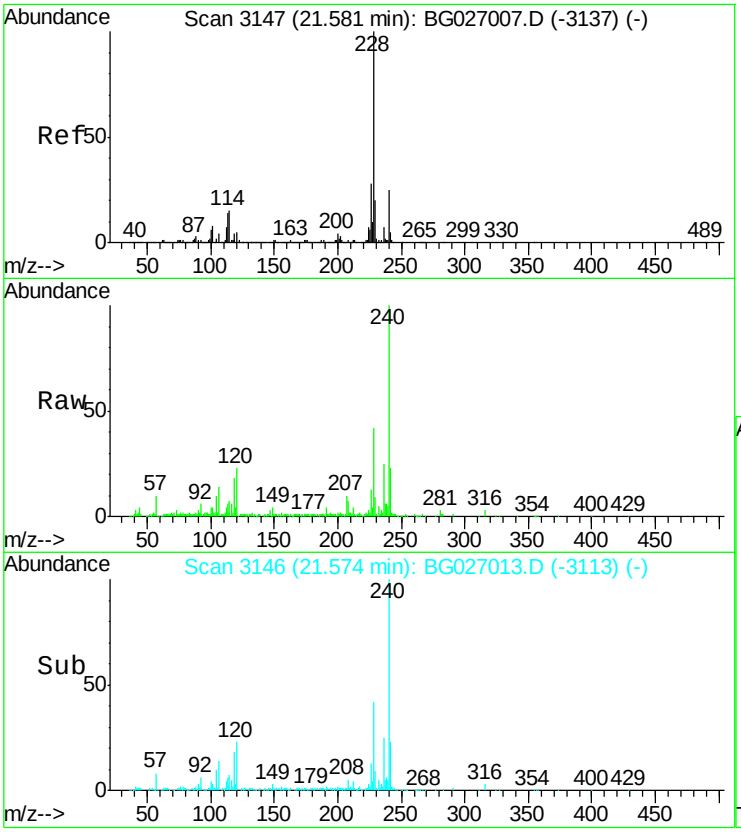


#19
Pyrene
Concen: 1.63 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

Tgt Ion:202 Resp: 94244

Ion	Ratio	Lower	Upper
202	100		
101	18.8	11.0	16.4#
100	15.9	8.1	12.1#

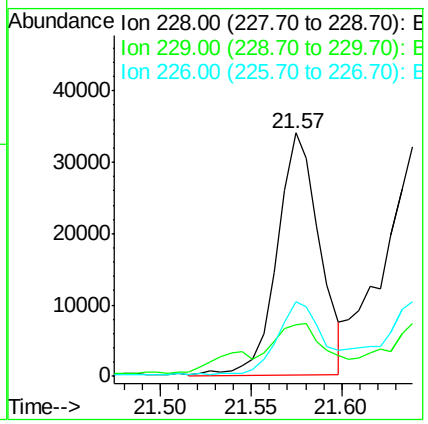




#20
Benzo(a)anthracene
Concen: 1.04 ng/ul
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

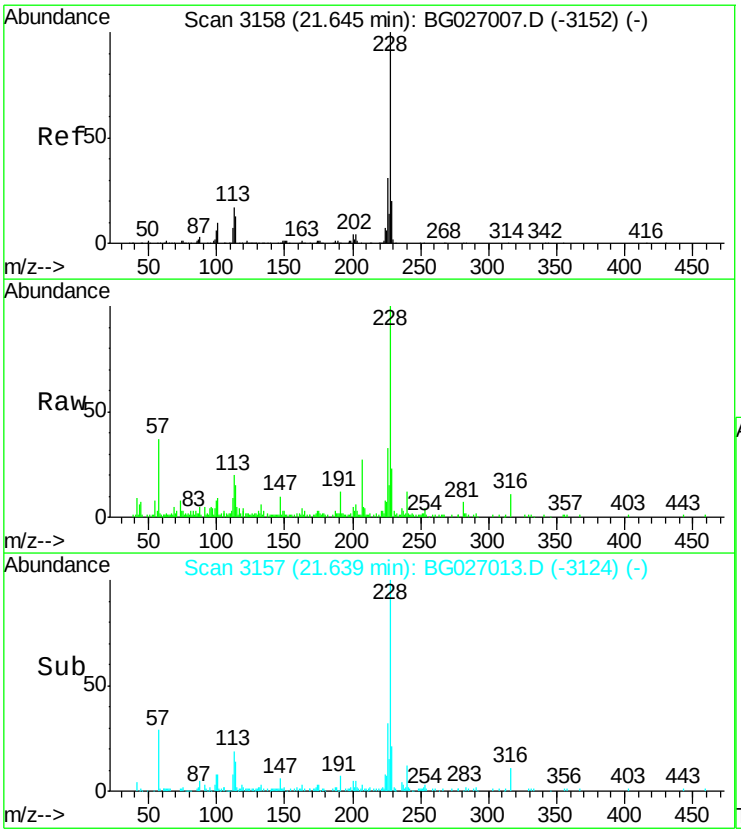
Tgt Ion:228 Resp: 55227

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	30.6	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DAC20

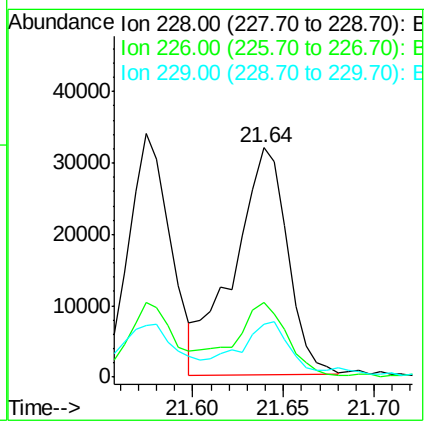
Manual Integrations APPROVED
mohammad
5/22/2017 11:04:10 AM

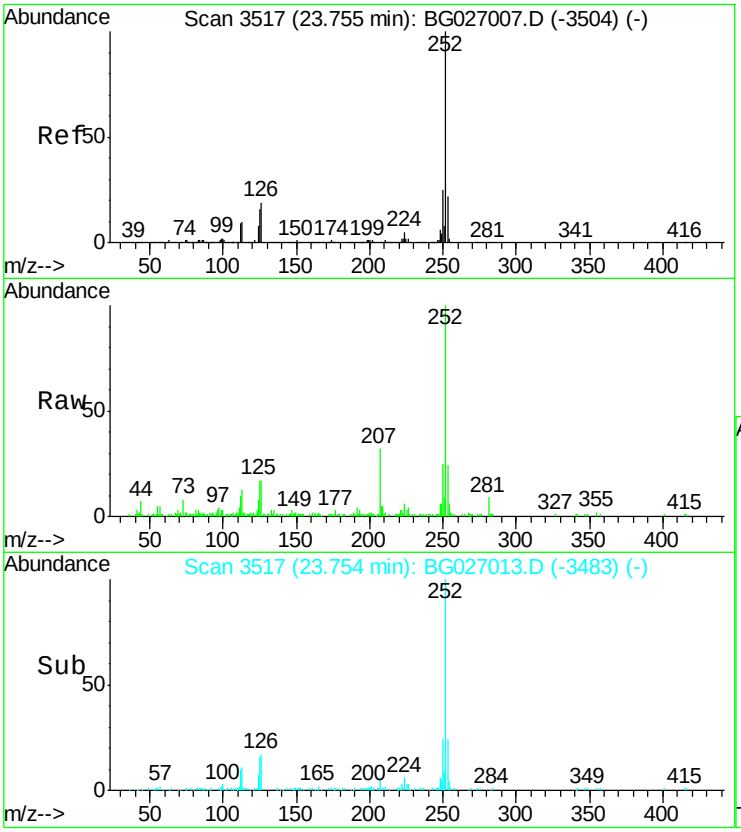


#21
Chrysene
Concen: 1.34 ng/ul
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

Tgt Ion:228 Resp: 65614

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.5	36.7
229	22.9	15.8	23.8

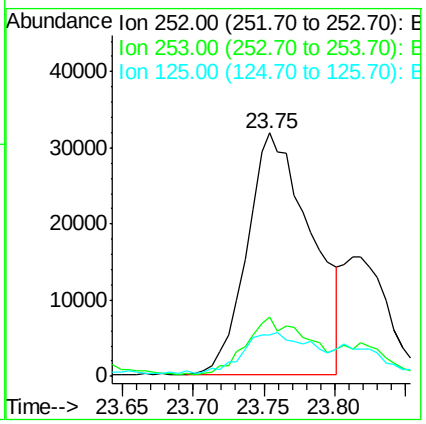




#23
Benzo(b)fluoranthene
Concen: 1.81 ng/ul
RT: 23.75 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

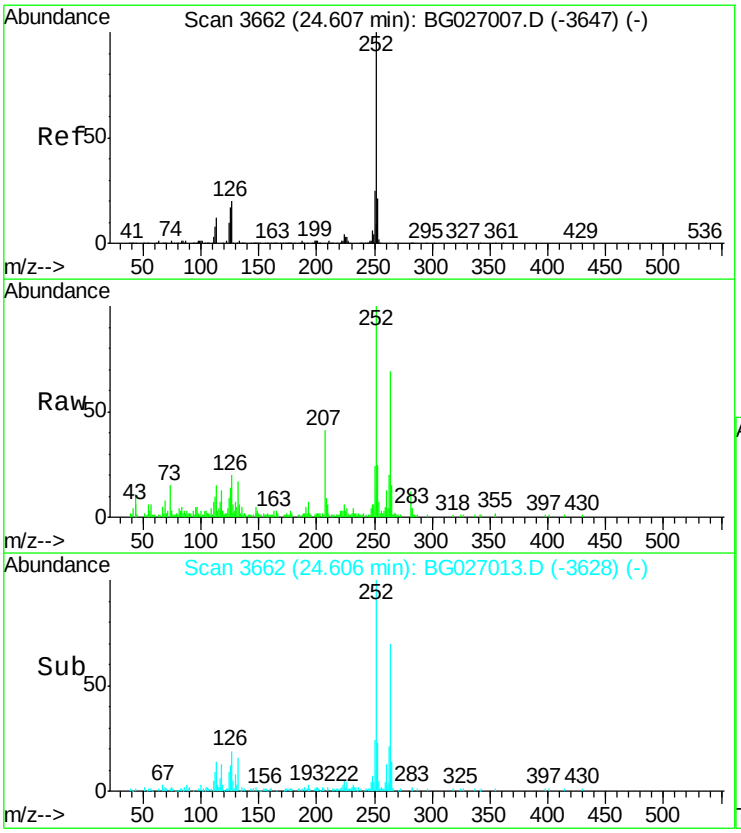
Tgt Ion:252 Resp: 100323

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	17.2	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
DAC20

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:10 AM



#26
Benzo(a)pyrene
Concen: 1.07 ng/ul
RT: 24.61 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG027013.D
Acq: 18 May 2017 21:14

Tgt Ion:252 Resp: 58031

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	13.8	8.2	12.4#