Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027019.D
Acq On : 19 May 2017 1:12
Operator : SJ/MA
Sample : I3137-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC22MSD

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:32 AM

Quant Time: May 19 04:07:50 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	192176	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	917424	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	497470	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	934831	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	846486	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	852560	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1270579	24.90	ng/ul	0.00
10) Fluorene-d10	15.60	176	824797	24.23	ng/ul	0.00
14) Anthracene-d10	17.45	188	1124259m	24.67	ng/ul	0.00
18) Pyrene-d10	19.73	212	1123947	25.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	1037015	24.48	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.68	153	900660	25.65	ng/ul	96
16) Fluoranthene	19.40	202	85567	1.60	ng/ul#	93
19) Pyrene	19.76	202	1510416	27.30	ng/ul#	87
21) Chrysene	21.64	228	52311	1.12	ng/ul	97
23) Benzo(b)fluoranthene	23.76	252	70828	1.40	ng/ul#	89

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

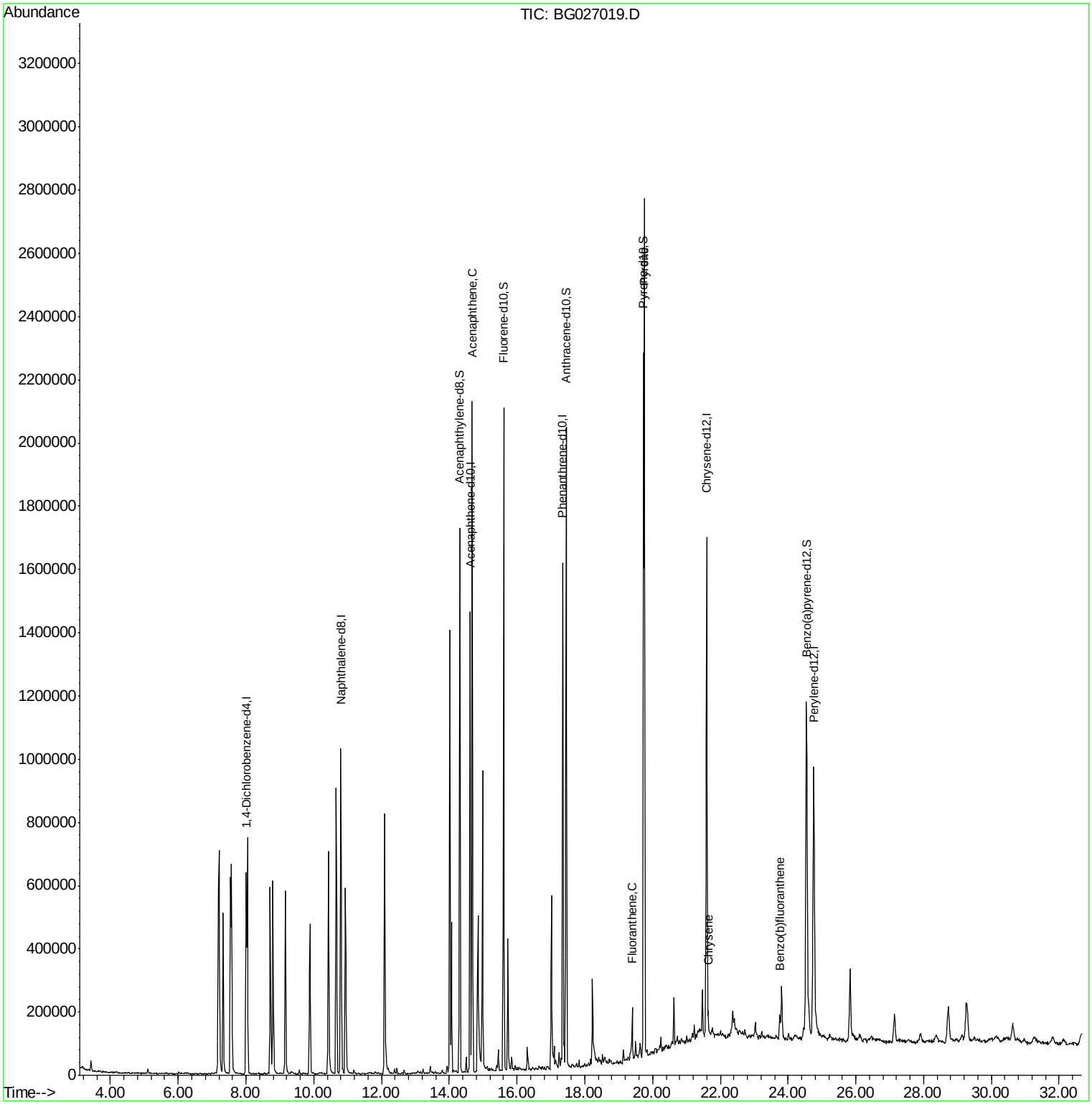
Quantitation Report (QT Reviewed)

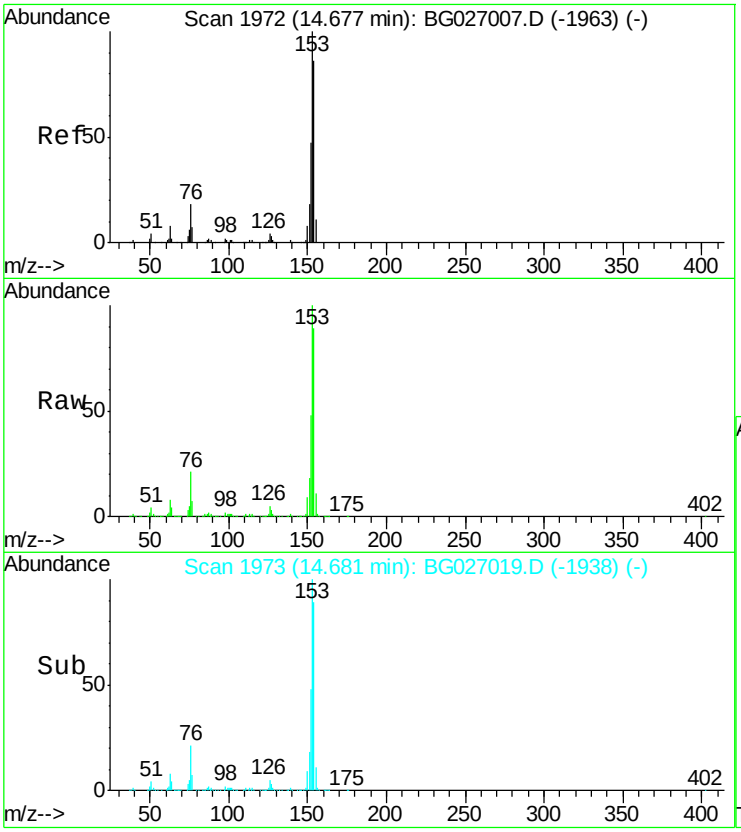
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027019.D
Acq On : 19 May 2017 1:12
Operator : SJ/MA
Sample : I3137-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 19 04:07:50 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 :
DAC22MSD

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:32 AM

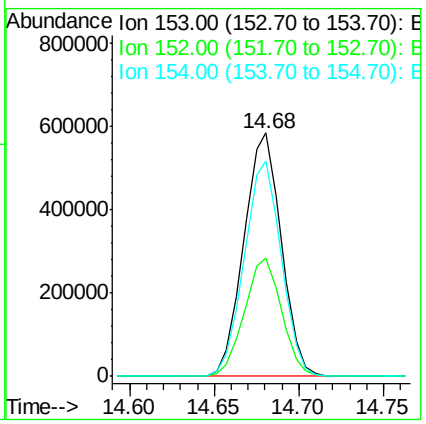




#9
Acenaphthene
Concen: 25.65 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG027019.D
Acq: 19 May 2017 1:12

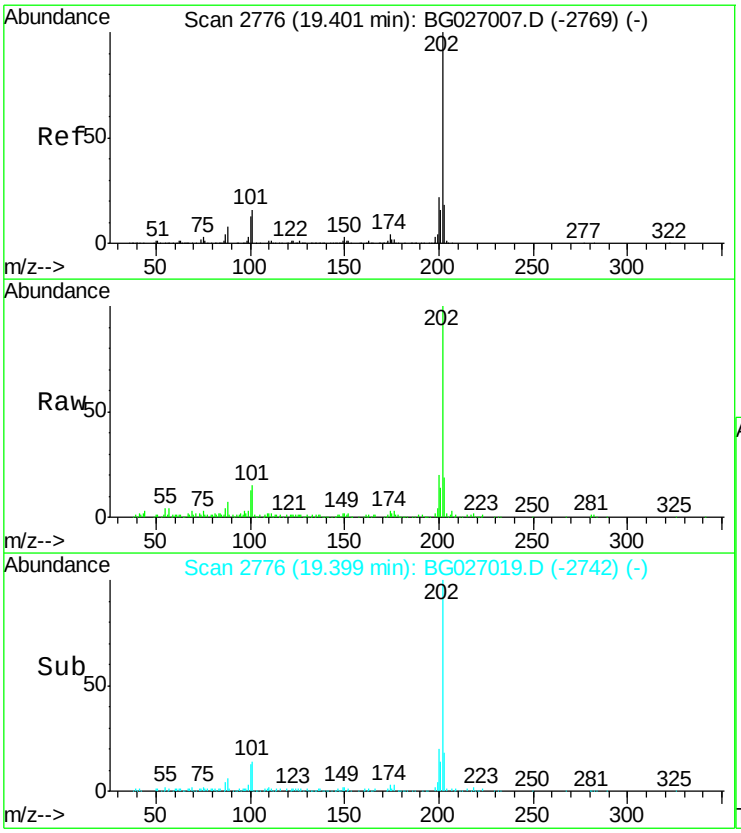
Tgt Ion:153 Resp: 900660

Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.0	58.6
154	88.6	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DAC22MSD

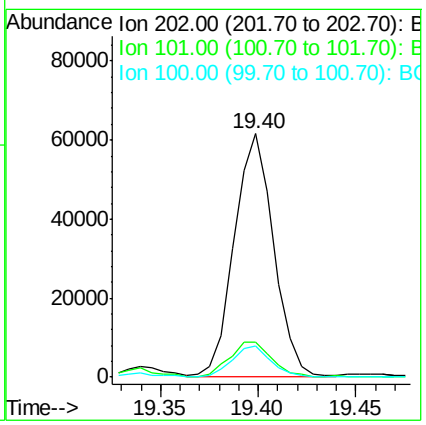
Manual Integrations APPROVED
mohammad
5/22/2017 11:04:32 AM

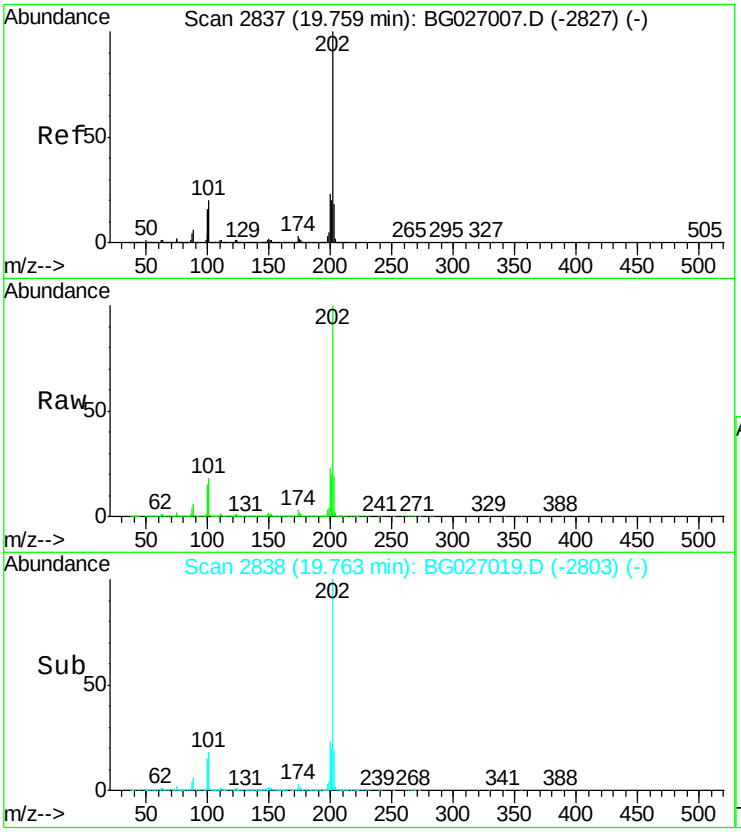


#16
Fluoranthene
Concen: 1.60 ng/ul
RT: 19.40 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BG027019.D
Acq: 19 May 2017 1:12

Tgt Ion:202 Resp: 85567

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	12.7	7.4	11.0#





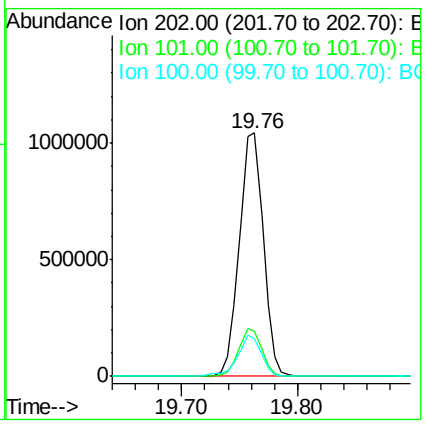
#19
Pyrene
Concen: 27.30 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027019.D
Acq: 19 May 2017 1:12

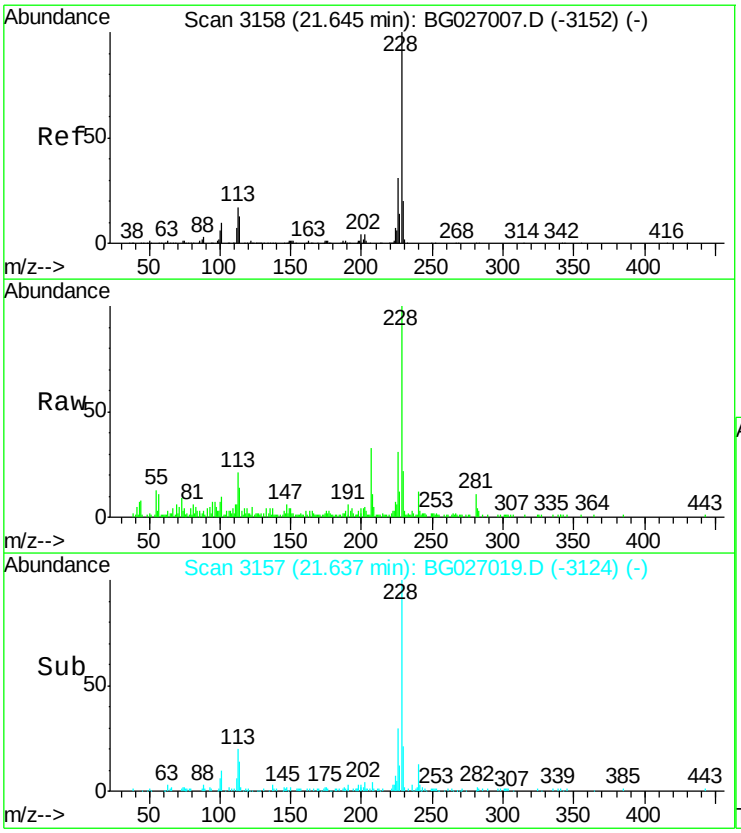
Tgt Ion:202 Resp: 1510416

Ion	Ratio	Lower	Upper
202	100		
101	18.4	11.0	16.4#
100	15.2	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAC22MSD

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:32 AM

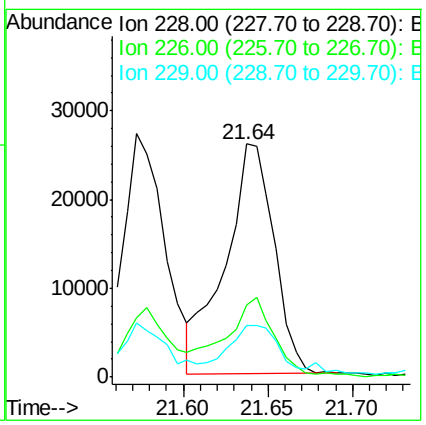


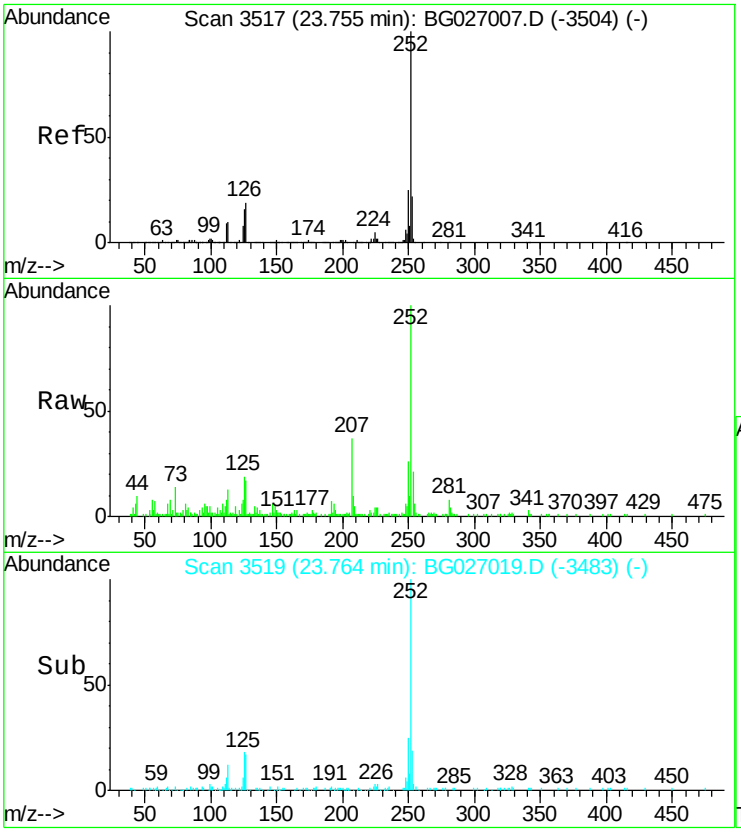


#21
Chrysene
Concen: 1.12 ng/ul
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG027019.D
Acq: 19 May 2017 1:12

Tgt Ion:228 Resp: 52311

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	22.1	15.8	23.8

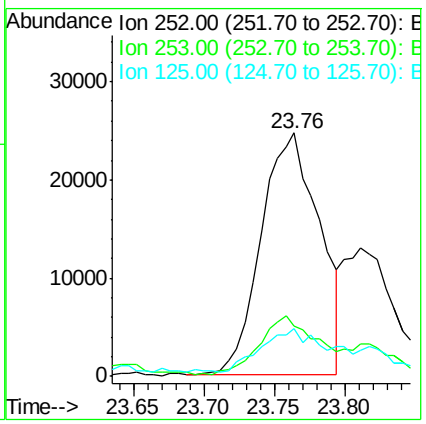




#23
Benzo(b)fluoranthene
Concen: 1.40 ng/ul
RT: 23.76 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG027019.D
Acq: 19 May 2017 1:12

Tgt Ion:252 Resp: 70828

Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.0	27.0
125	19.4	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
DAC22MSD

Manual Integrations APPROVED
mohammad
5/22/2017 11:04:32 AM