Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
Data File : BG025883.D
Acq On : 20 Feb 2017 21:24
Operator : SJ/MA
Sample : I1898-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABA9

Manual Integrations APPROVED
mohammad
2/21/2017 10:33:51 AM

Quant Time: Feb 21 02:36:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 21 02:22:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	113561	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	549422	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	353137	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	833180	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	834282	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	777746	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	666425	22.79	ng/ul	0.00
10) Fluorene-d10	15.67	176	501461	22.33	ng/ul	0.00
14) Anthracene-d10	17.51	188	793954	21.08	ng/ul	0.00
18) Pyrene-d10	19.79	212	888462	22.10	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	826823	24.02	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.45	178	50212	1.13	ng/ul	99
16) Fluoranthene	19.46	202	81347	1.67	ng/ul	97
19) Pyrene	19.81	202	71004	1.41	ng/ul	98
21) Chrysene	21.71	228	48928m	1.09	ng/ul	
23) Benzo(b)fluoranthene	23.85	252	63893	1.42	ng/ul#	95

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

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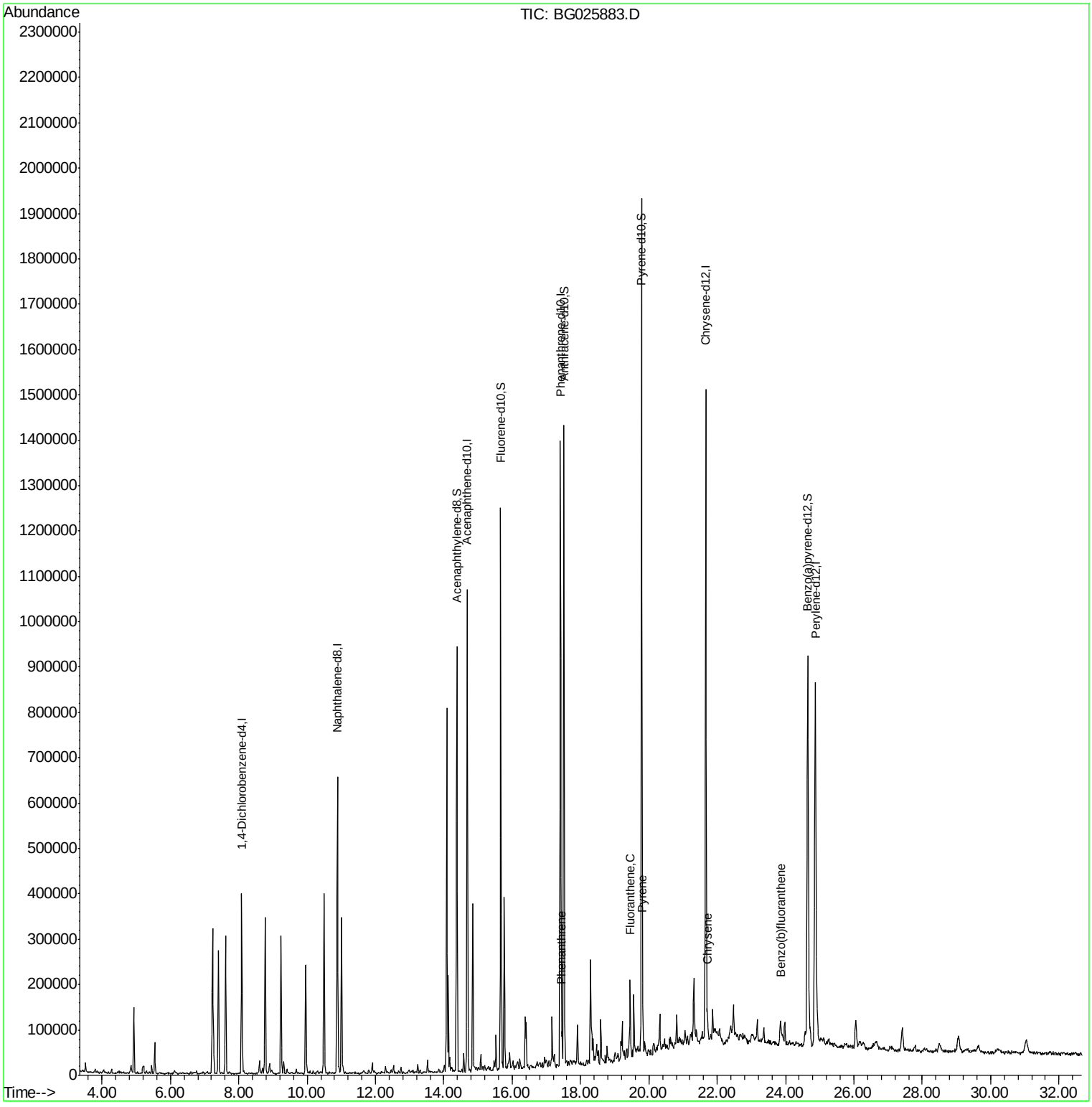
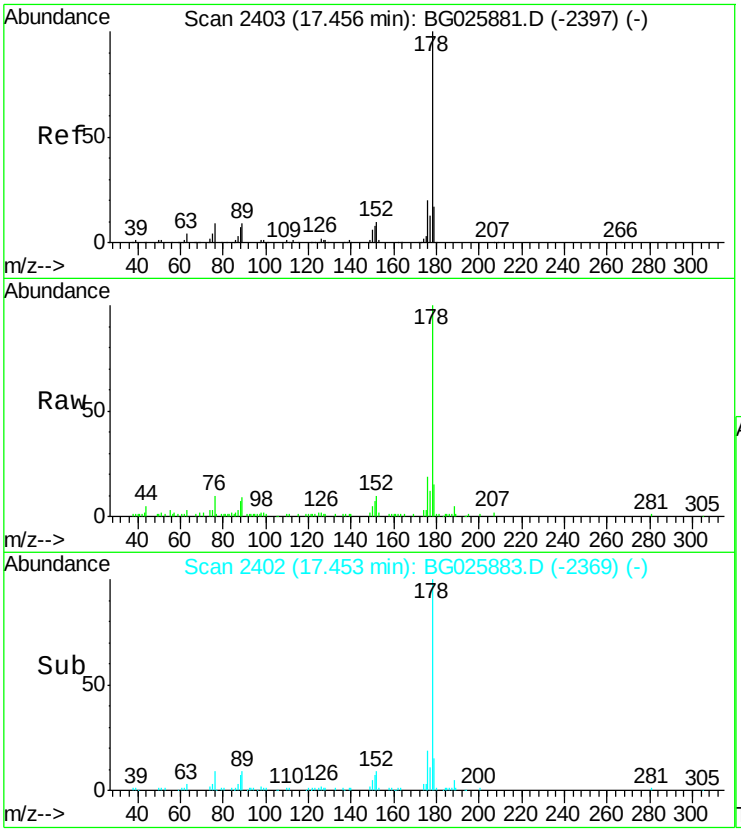
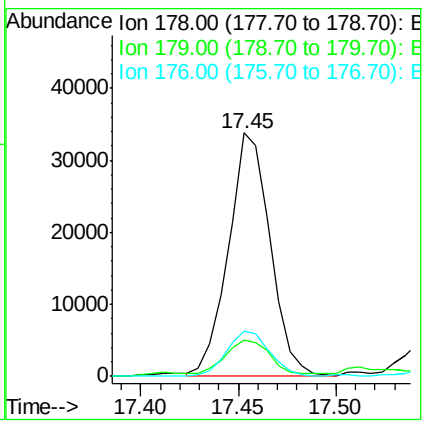




#13
Phenanthrene
Concen: 1.13 ng/ul
RT: 17.45 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BG025883.D
Acq: 20 Feb 2017 21:24

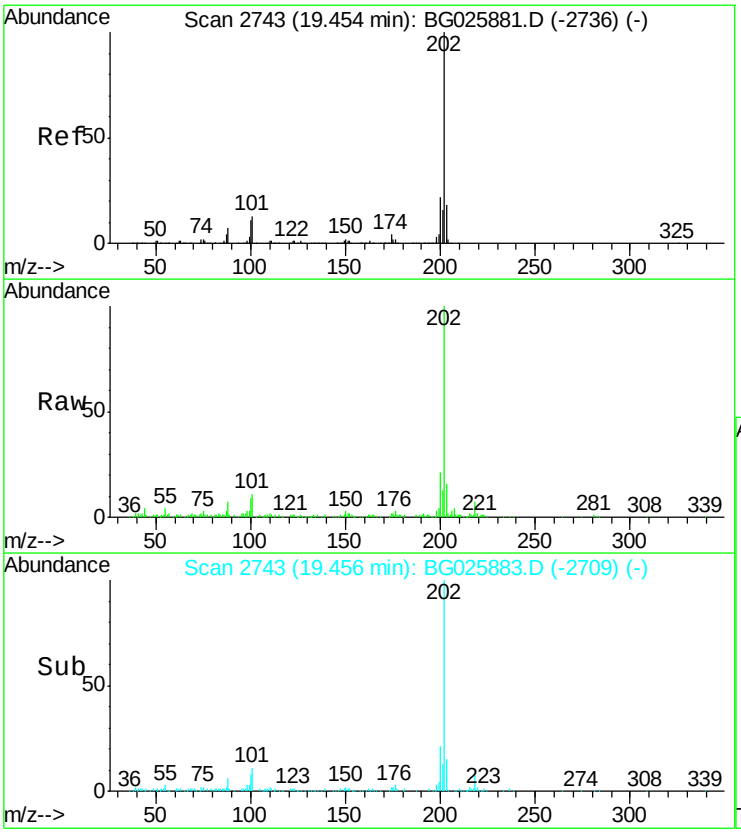
Tgt Ion:178 Resp: 50212

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



Instrument :
BNA_G
ClientSampleId :
DABA9

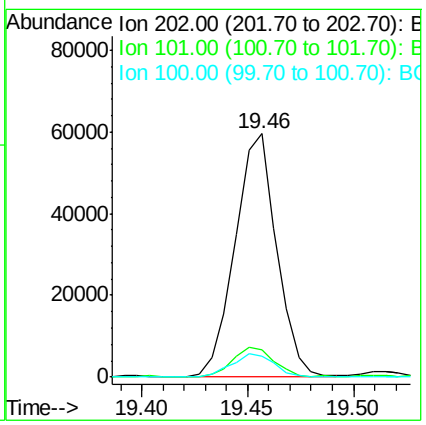
Manual Integrations APPROVED
mohammad
2/21/2017 10:33:51 AM

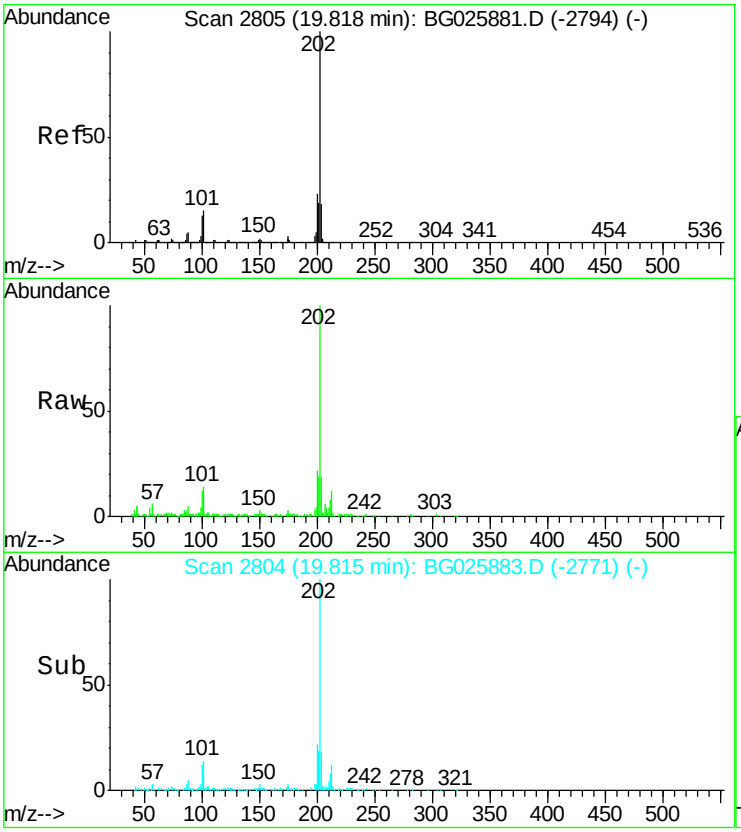


#16
Fluoranthene
Concen: 1.67 ng/ul
RT: 19.46 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BG025883.D
Acq: 20 Feb 2017 21:24

Tgt Ion:202 Resp: 81347

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.9	14.9
100	8.6	7.4	11.0





#19
Pyrene
Concen: 1.41 ng/ul
RT: 19.81 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BG025883.D
Acq: 20 Feb 2017 21:24

Tgt Ion:202 Resp: 71004

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
100	11.9	8.1	12.1

Instrument :
BNA_G
ClientSampleId :
DABA9

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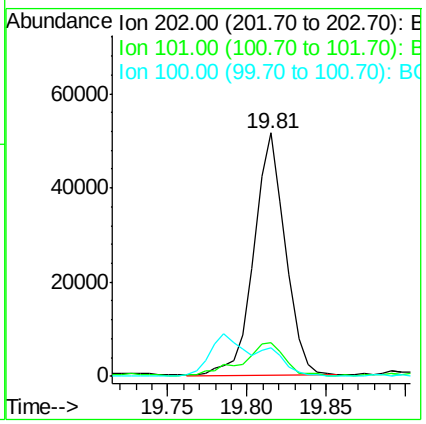
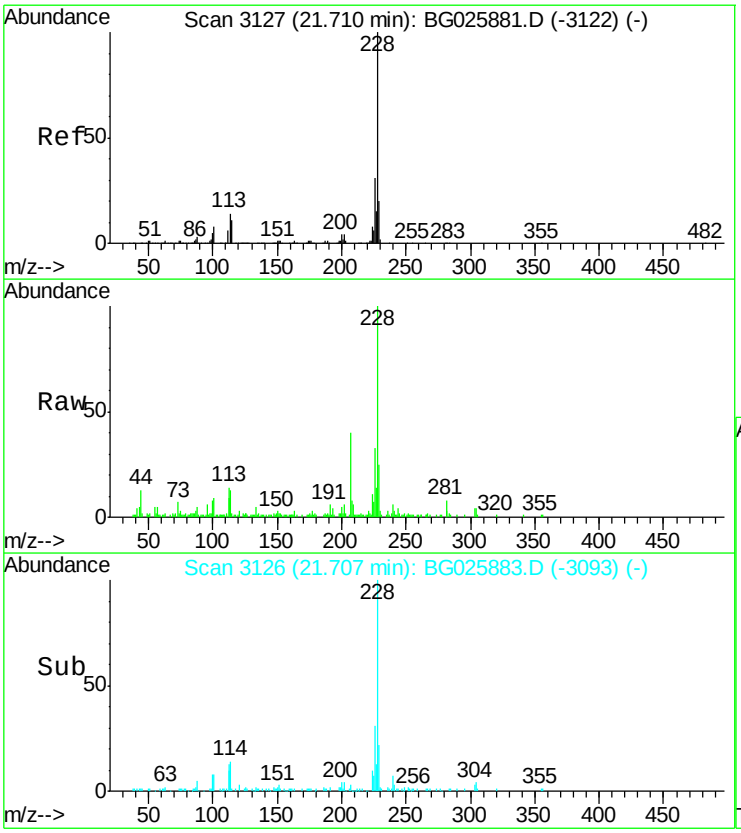
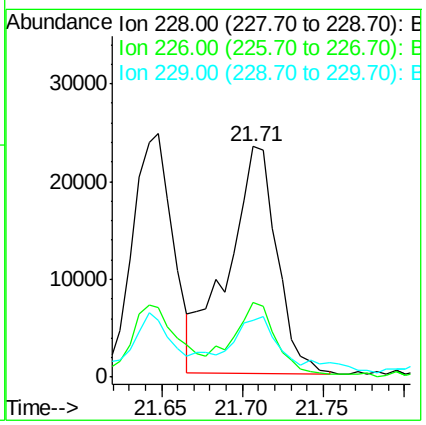


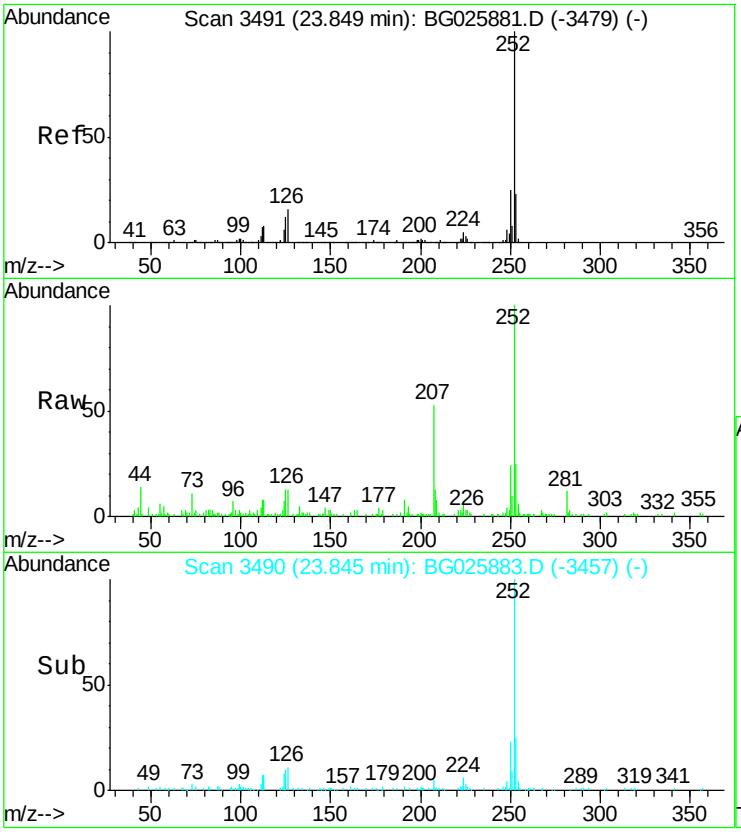


#21
Chrysene
Concen: 1.09 ng/ul m
RT: 21.71 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG025883.D
Acq: 20 Feb 2017 21:24

Tgt Ion:228 Resp: 48928

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	24.6	15.8	23.8#

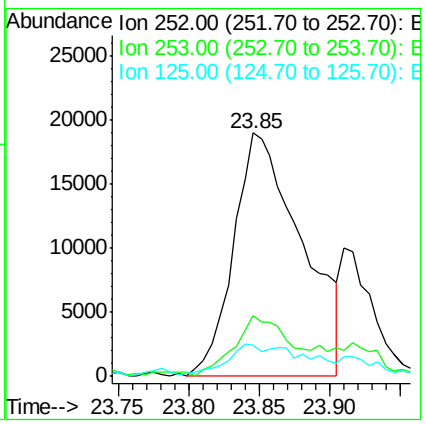




#23
Benzo(b)fluoranthene
Concen: 1.42 ng/ul
RT: 23.85 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BG025883.D
Acq: 20 Feb 2017 21:24

Tgt Ion:252 Resp: 63893

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	12.6	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
DABA9

Manual Integrations APPROVED
mohammad
2/21/2017 10:33:51 AM