Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022820\
Data File : BM025177.D
Acq On : 29 Feb 2020 20:28
Operator : CG/JU
Sample : L1542-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD52

Manual Integrations APPROVED
Sohil
3/3/2020 8:39:50 AM

Quant Time: Mar 02 03:04:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 02:08:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3075	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	12073	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7655	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17371	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17401	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	19549	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	2202	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	6235	0.10	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.09	178	1285	0.021	ng/ul#	89
15) Fluoranthene	19.11	202	3121	0.035	ng/ul	97
17) Pyrene	19.47	202	3805m	0.049	ng/ul	
19) Chrysene	21.27	228	1501	0.020	ng/ul#	87
21) Benzo(b)fluoranthene	22.78	252	1761m	0.023	ng/ul	

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

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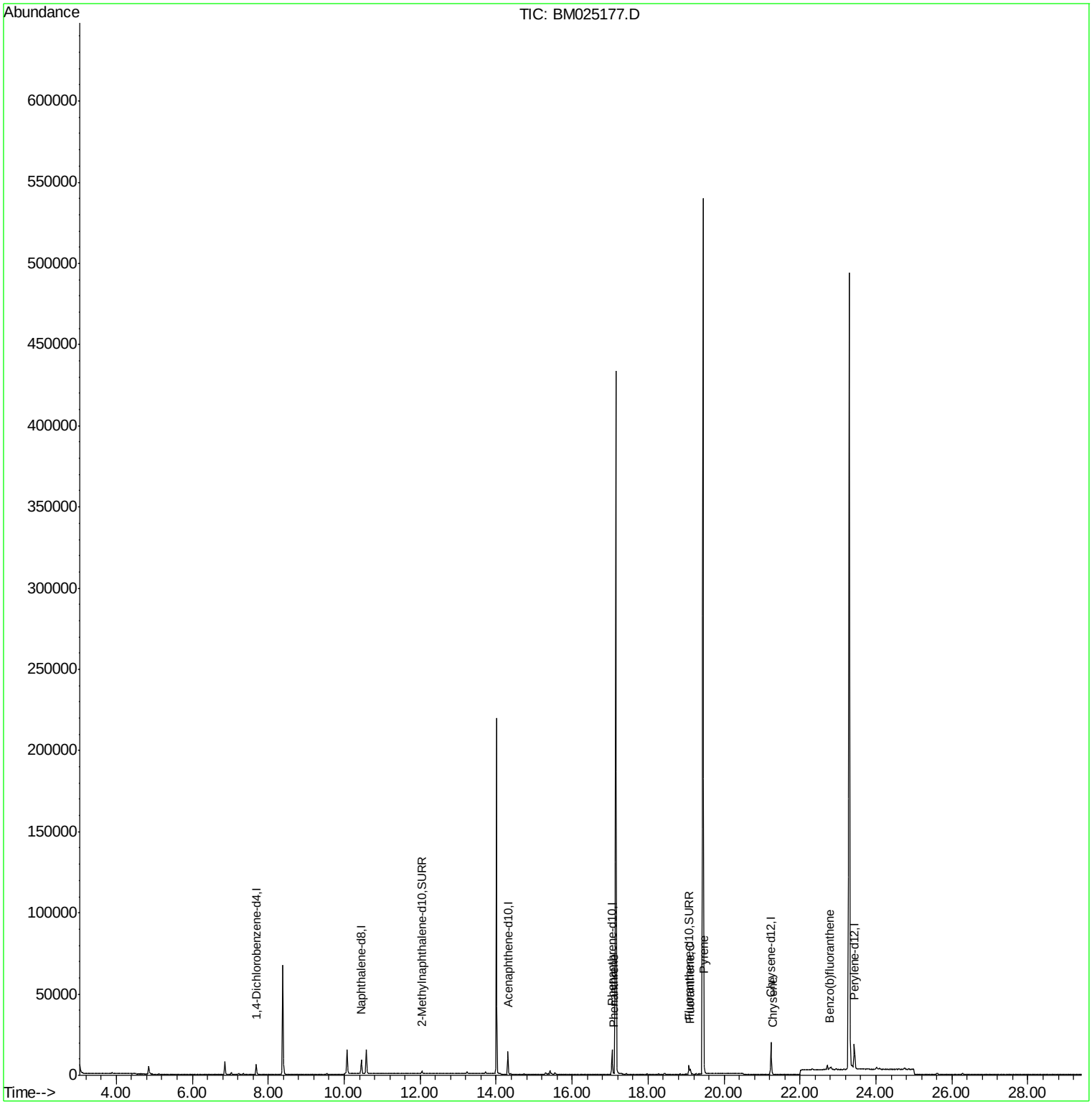

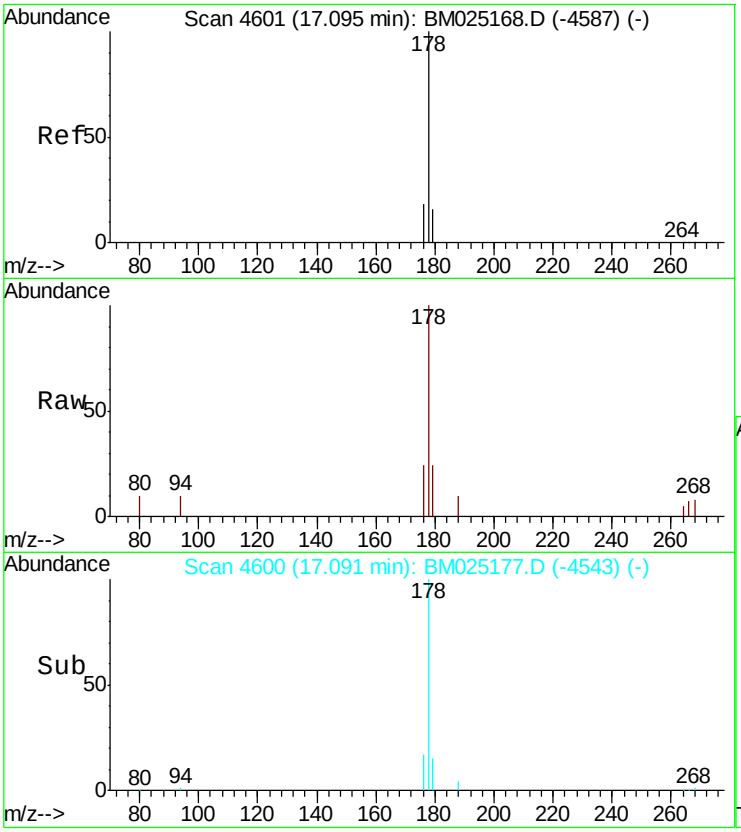

#12
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.09 min Scan# 4600
Delta R.T. -0.00 min
Lab File: BM025177.D
Acq: 29 Feb 2020 20:28

Tgt Ion:178 Resp: 1285

Ion	Ratio	Lower	Upper
178	100		
179	24.2	14.0	21.0#
176	23.8	16.6	24.8

Instrument :
BNA_M
ClientSampleId :
DBD52

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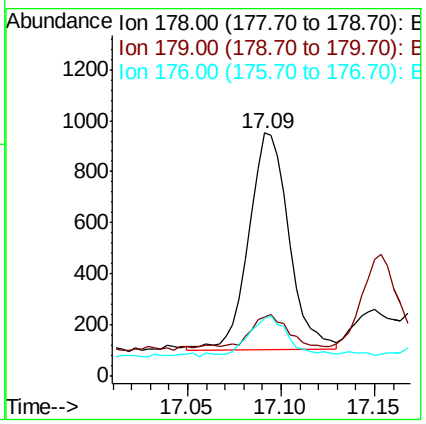
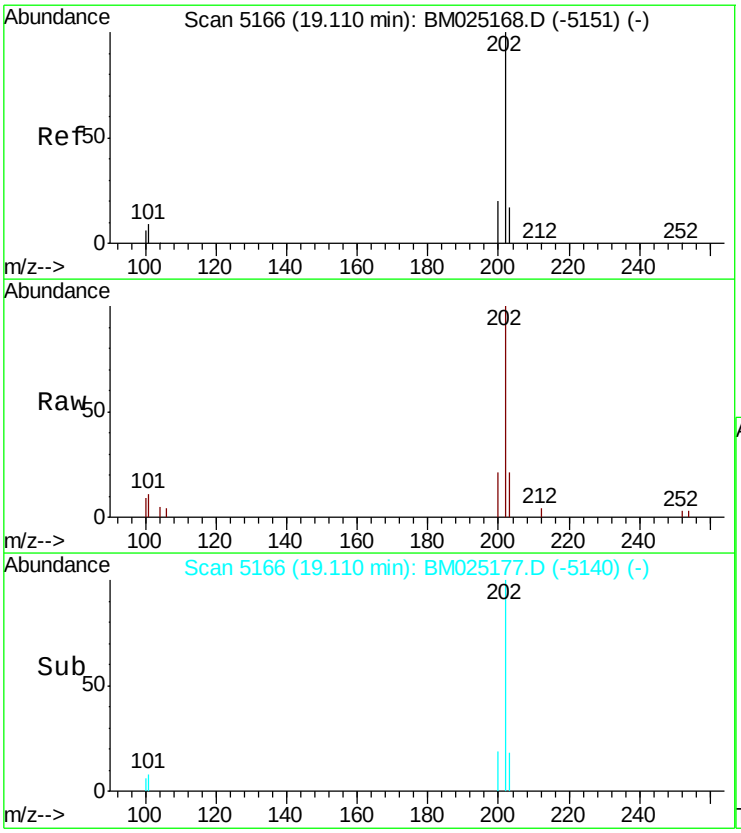
Sohil
3/3/2020 8:39:50 AM

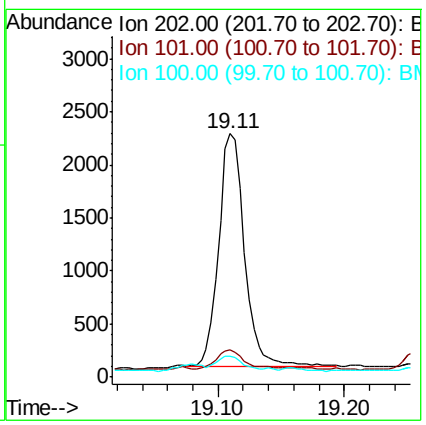


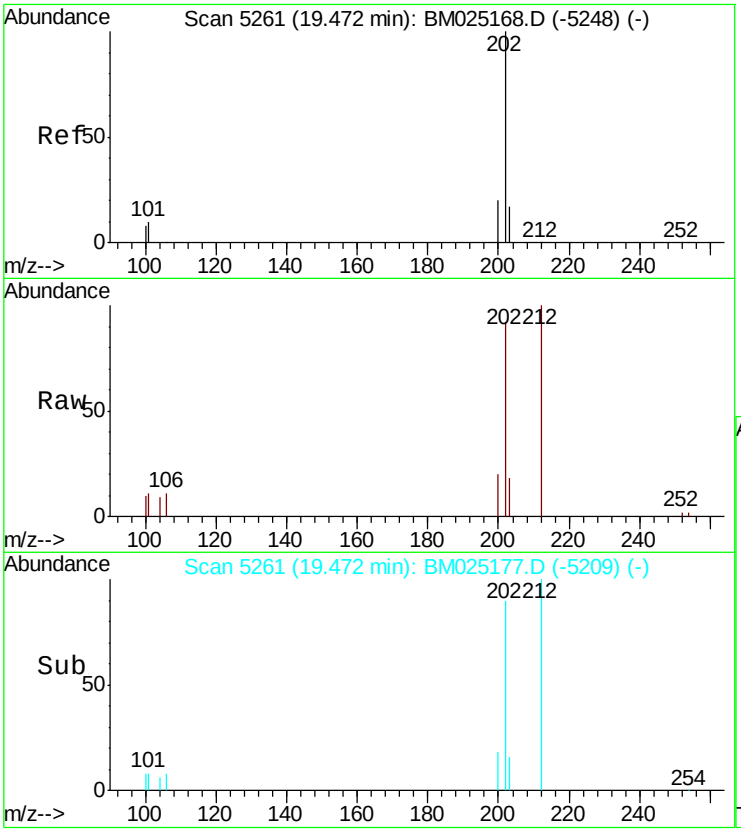


#15
Fluoranthene
Concen: 0.035 ng/ul
RT: 19.11 min Scan# 5166
Delta R.T. -0.00 min
Lab File: BM025177.D
Acq: 29 Feb 2020 20:28

Tgt Ion:202 Resp: 3121

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.4
100	8.7	0.0	28.0





#17
Pyrene
Concen: 0.049 ng/ul m
RT: 19.47 min Scan# 5261
Delta R.T. -0.00 min
Lab File: BM025177.D
Acq: 29 Feb 2020 20:28

Tgt Ion:202 Resp: 3805

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.7	13.1
100	10.4	7.3	10.9

Instrument :
BNA_M
ClientSampleId :
DBD52

Manual Integrations APPROVED
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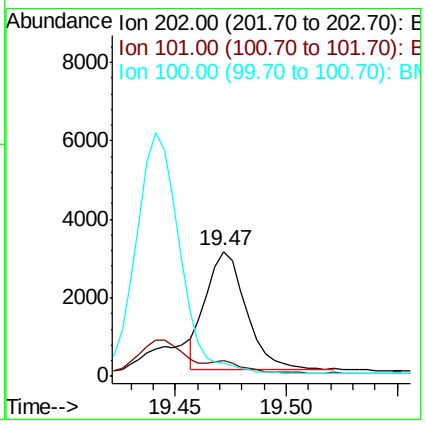
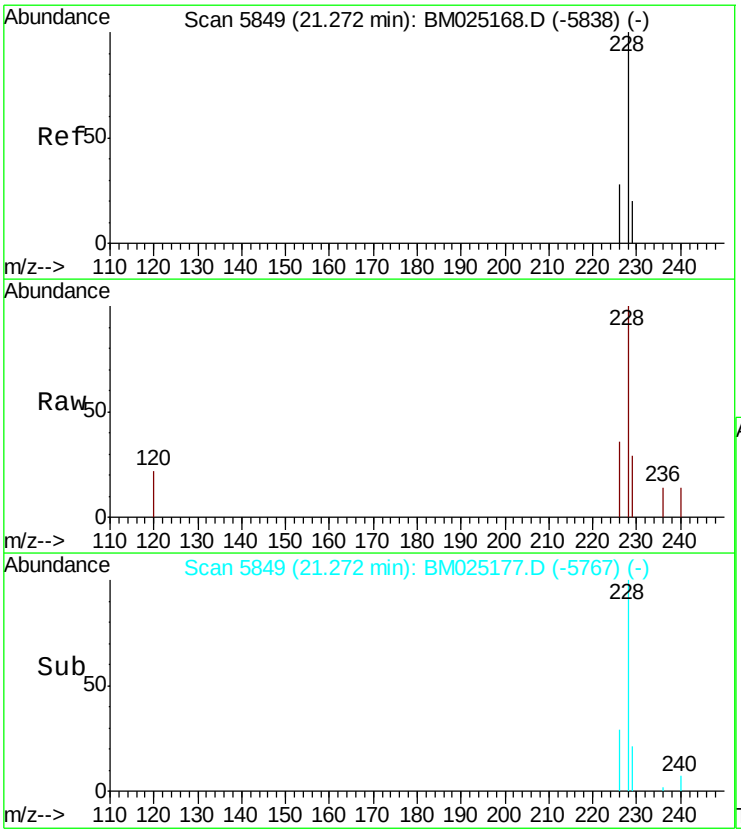
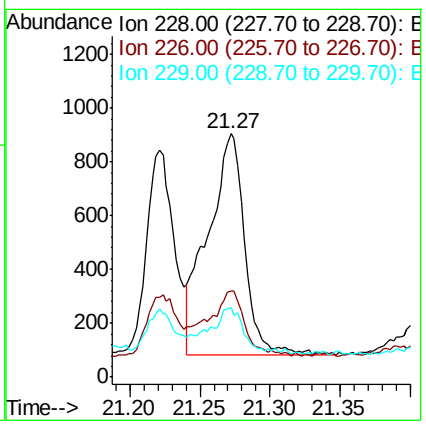


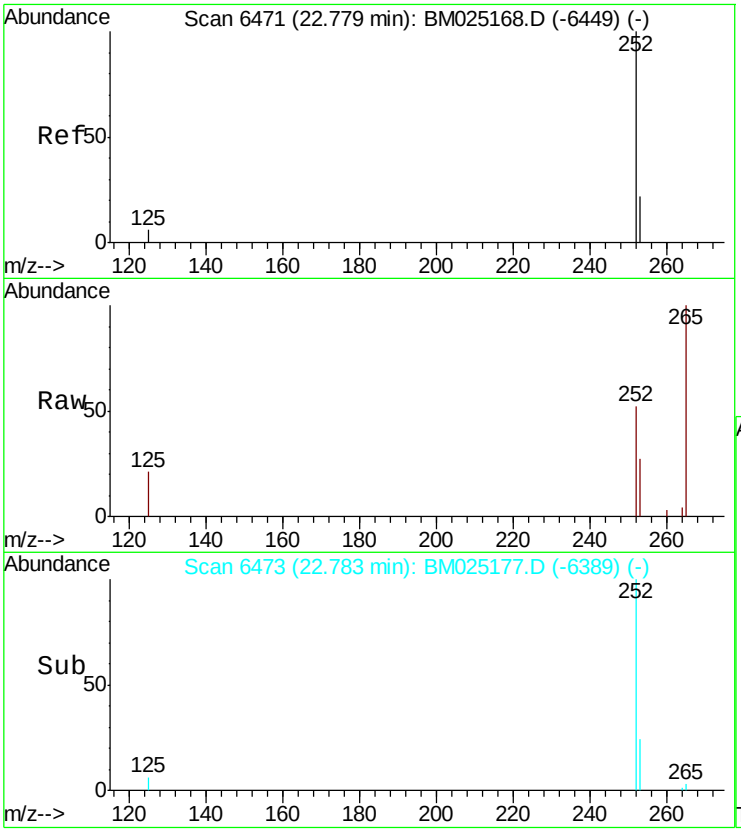


#19
Chrysene
Concen: 0.020 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.00 min
Lab File: BM025177.D
Acq: 29 Feb 2020 20:28

Tgt Ion:228 Resp: 1501

Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.8	35.8
229	28.5	16.9	25.3#

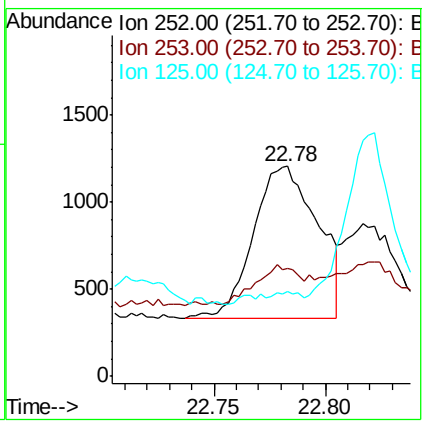




#21
Benzo(b)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. 0.00 min
Lab File: BM025177.D
Acq: 29 Feb 2020 20:28

Tgt Ion:252 Resp: 1761

Ion	Ratio	Lower	Upper
252	100		
253	51.3	0.0	49.8#
125	40.2	0.0	28.6#



Instrument :
BNA_M
ClientSampleId :
DBD52

Manual Integrations APPROVED
Sohil
3/3/2020 8:39:50 AM