Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
Data File : BM007997.D
Acq On : 22 Nov 2016 16:48
Operator : UM/SJ
Sample : H5622-23RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WM0RE

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11/23/2016 6:06:16 PM

Quant Time: Nov 22 18:09:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 16:05:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	594	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2090	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	3272	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	2877m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	3272	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2425m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	1229	0.42	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	3453m	0.42	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.55	128	22240	3.81	ng/ul	98
5) 2-Methylnaphthalene	12.15	142	9494	2.52	ng/ul	99
8) Acenaphthene	14.40	153	2137	0.19	ng/ul	85
9) Fluorene	15.41	166	4730	0.37	ng/ul#	97
12) Phenanthrene	17.14	178	6511m	0.73	ng/ul	

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

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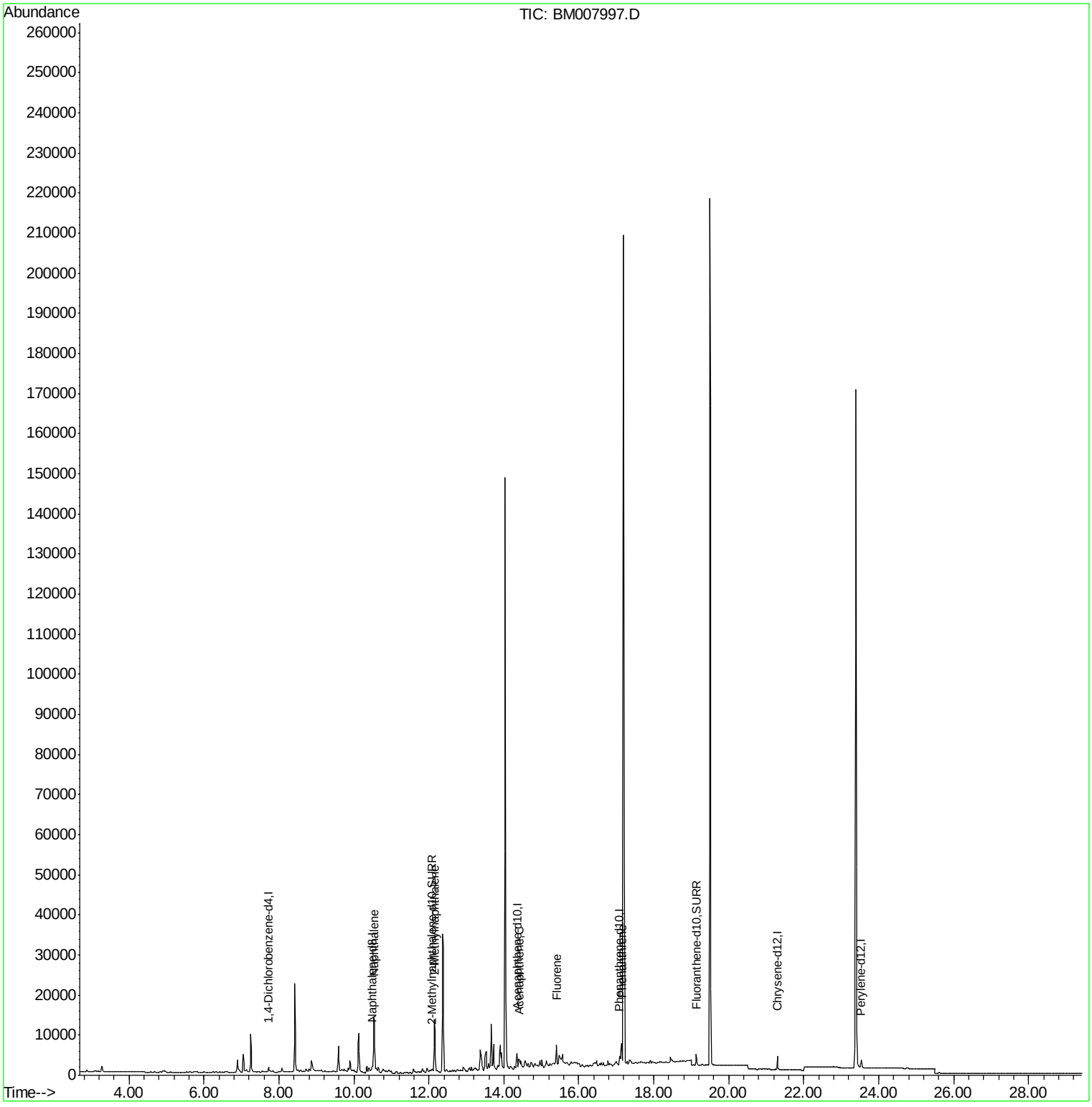
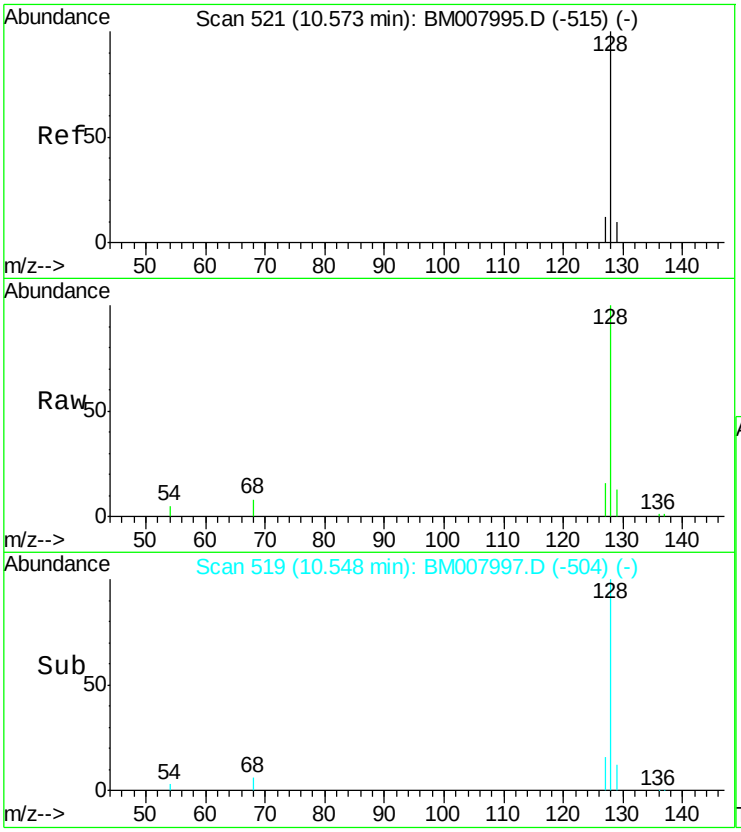
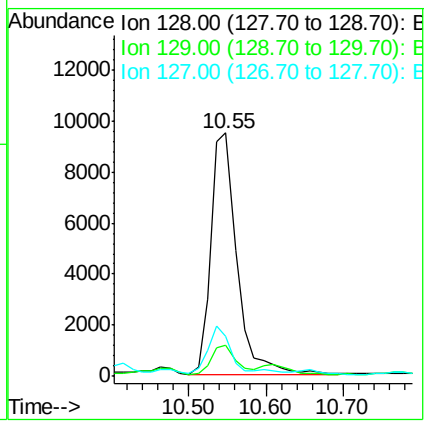




#3
Naphthalene
Concen: 3.81 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. -0.02 min
Lab File: BM007997.D
Acq: 22 Nov 2016 16:48

Tgt Ion:128 Resp: 22240

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.3	16.9
127	16.2	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A4WM0RE

Manual Integrations APPROVED
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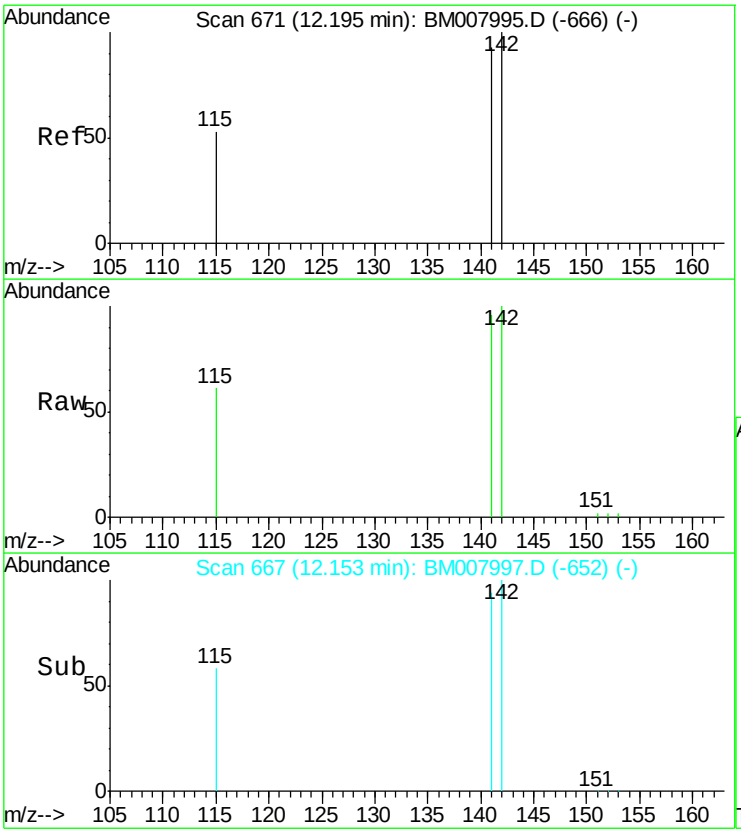
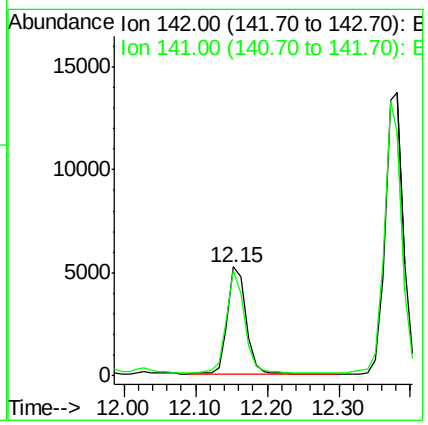
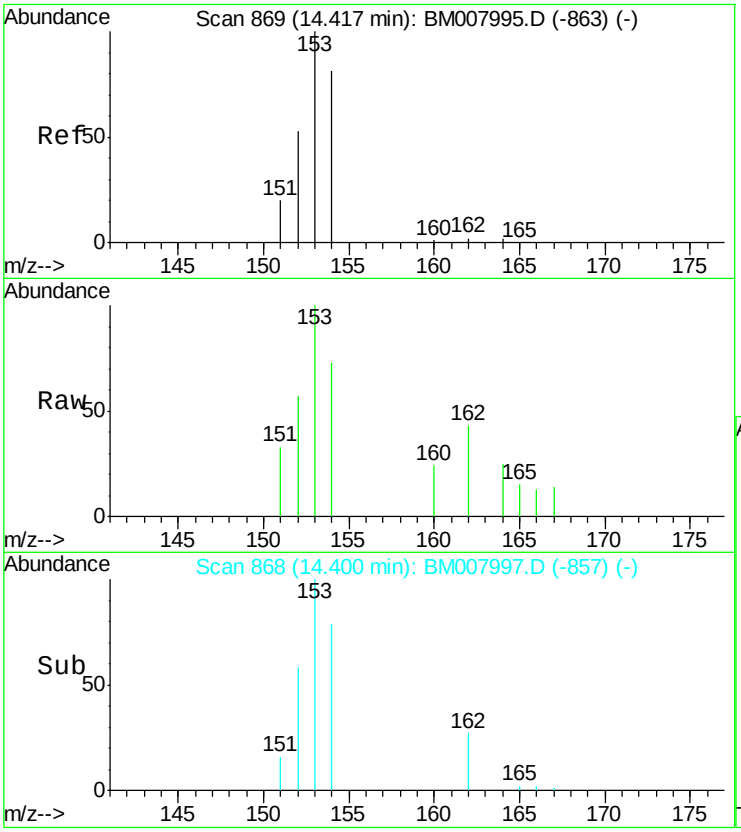


#5
2-Methylnaphthalene
Concen: 2.52 ng/ul
RT: 12.15 min Scan# 667
Delta R.T. -0.04 min
Lab File: BM007997.D
Acq: 22 Nov 2016 16:48

Tgt Ion:142 Resp: 9494

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8

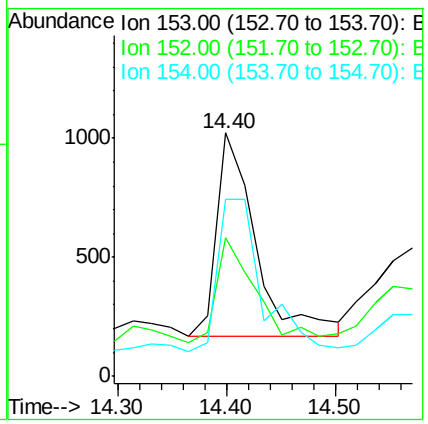




#8
Acenaphthene
Concen: 0.19 ng/ul
RT: 14.40 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM007997.D
Acq: 22 Nov 2016 16:48

Tgt Ion:153 Resp: 2137

Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.3	60.5
154	72.6	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
A4WM0RE

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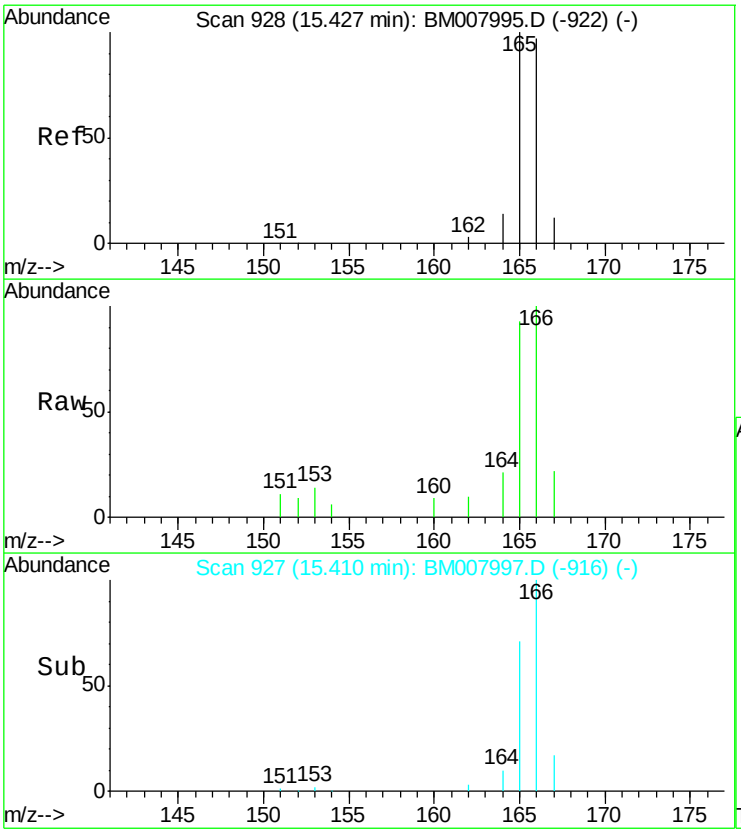
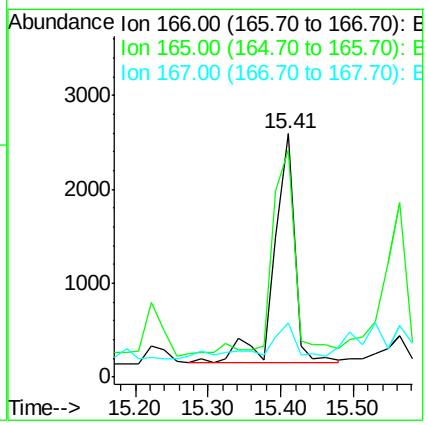
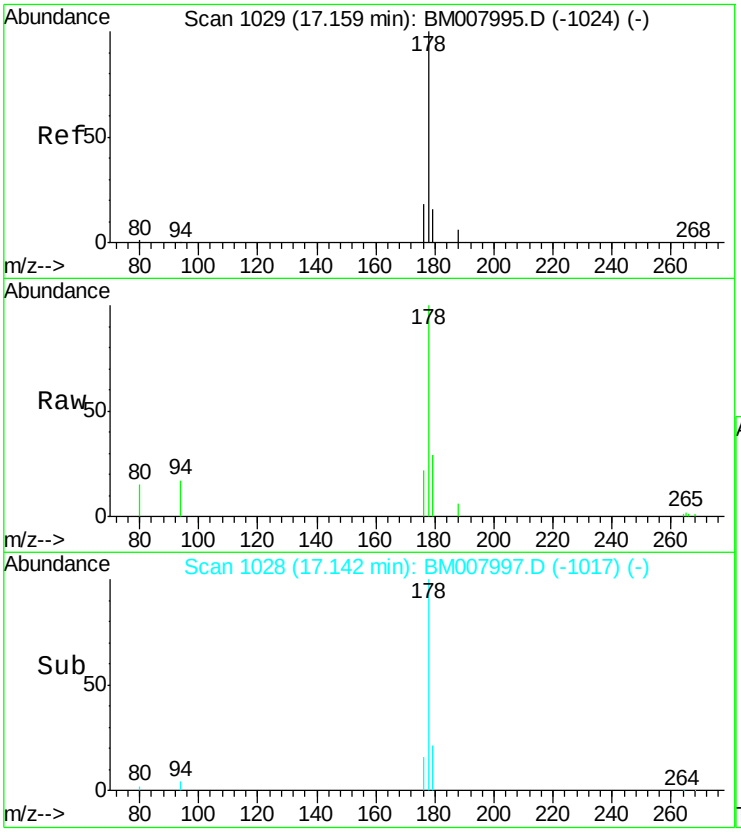


#9
Fluorene
Concen: 0.37 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.02 min
Lab File: BM007997.D
Acq: 22 Nov 2016 16:48

Tgt Ion:166 Resp: 4730

Ion	Ratio	Lower	Upper
166	100		
165	93.1	73.4	110.2
167	22.5	14.6	22.0#

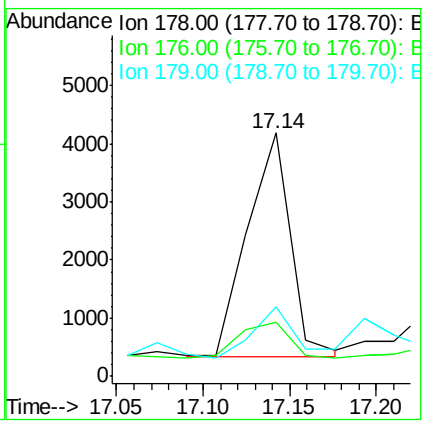




#12
Phenanthrene
Concen: 0.73 ng/ul m
RT: 17.14 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BM007997.D
Acq: 22 Nov 2016 16:48

Tgt Ion:178 Resp: 6511

Ion	Ratio	Lower	Upper
178	100		
176	22.1	18.4	27.6
179	28.6	13.6	20.4#



Instrument :
BNA_M
ClientSampleId :
A4WM0RE

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