

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008526.D
 Acq On : 21 Dec 2016 20:36
 Operator : UM/SJ
 Sample : H6040-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8W9

Quant Time: Dec 22 00:29:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	403	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1297	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	779	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	73330	0.40	ng/ul	0.05
16) Chrysene-d12	21.25	240	1426	0.40	ng/ul	-0.03
20) Perylene-d12	23.34	264	63695	0.40	ng/ul	-0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.05	152	347	0.17	ng/ul	-0.06
14) Fluoranthene-d10	19.19	212	25	0.00	ng/ul	0.07

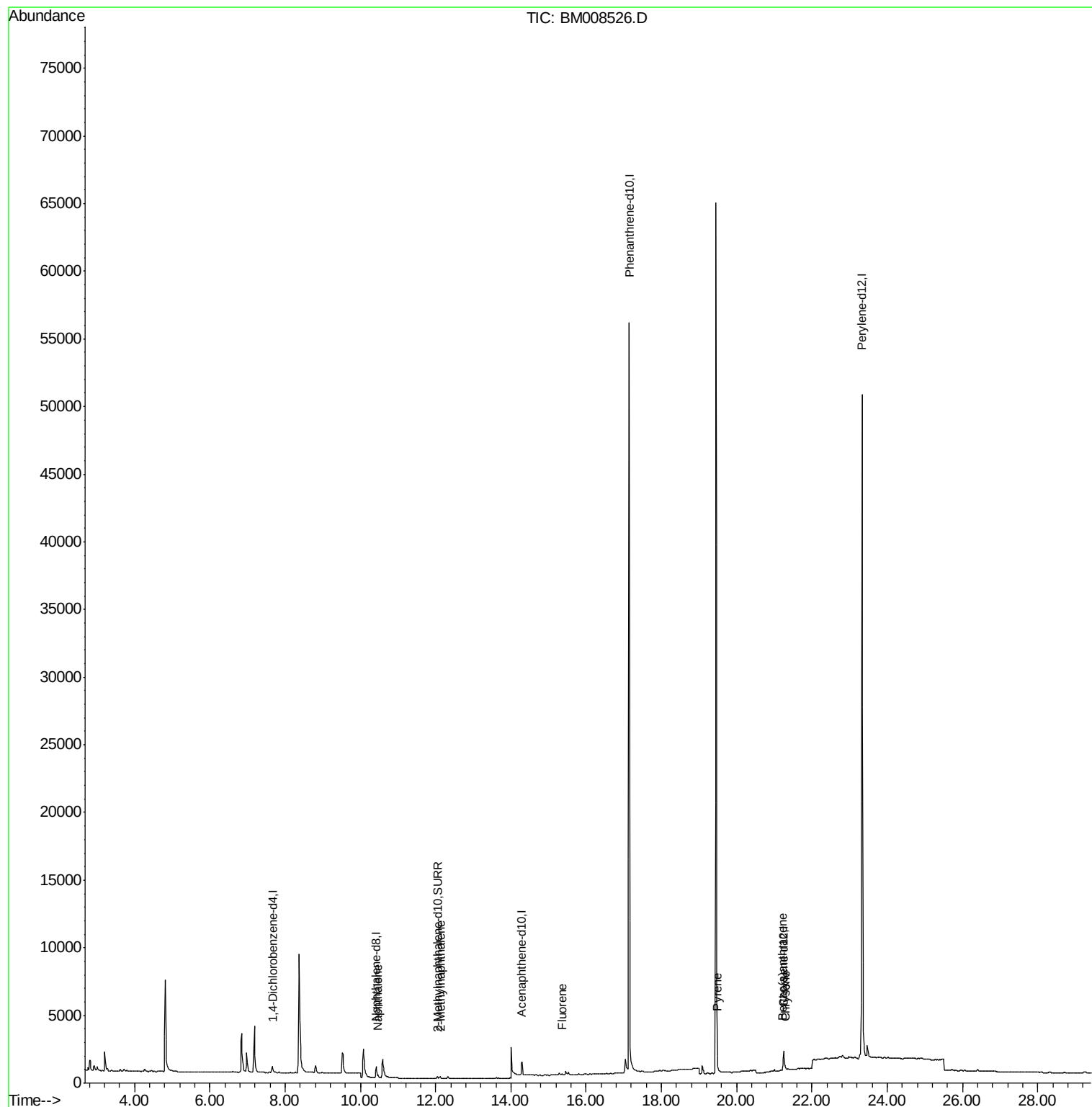
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	263	0.07	ng/ul#	49
5) 2-Methylnaphthalene	12.12	142	229	0.09	ng/ul	95
9) Fluorene	15.36	166	85	0.03	ng/ul#	76
17) Pyrene	19.48	202	790	0.14	ng/ul#	62
18) Benzo(a)anthracene	21.23	228	471	0.10	ng/ul#	13
19) Chrysene	21.28	228	313	0.06	ng/ul#	12

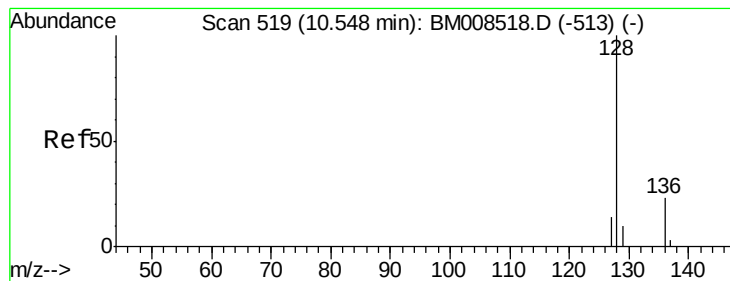
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.07 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008526.D

Acq: 21 Dec 2016 20:36

Instrument :

BNA_M

ClientSampleId :

DA8W9

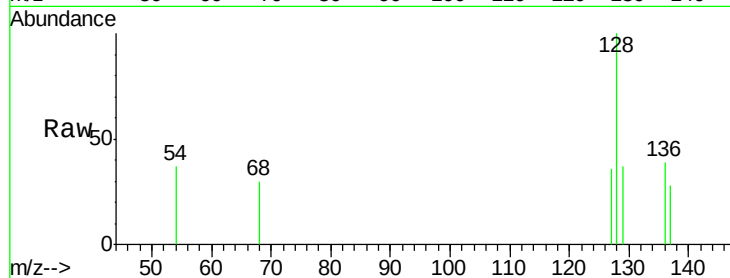
Tgt Ion:128 Resp: 263

Ion Ratio Lower Upper

128 100

129 37.0 11.3 16.9#

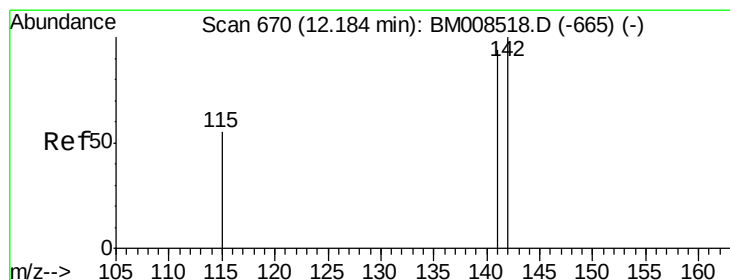
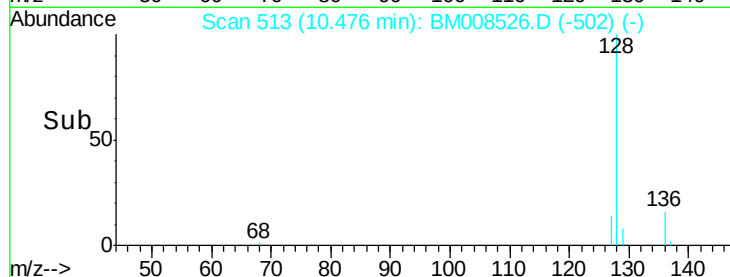
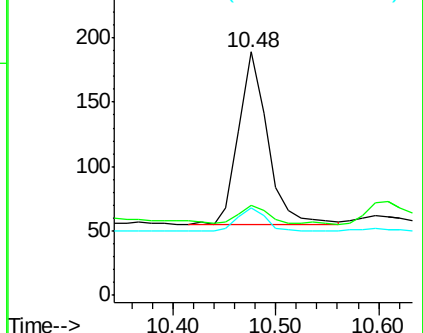
127 36.0 12.8 19.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

RT: 12.12 min Scan# 664

Delta R.T. -0.06 min

Lab File: BM008526.D

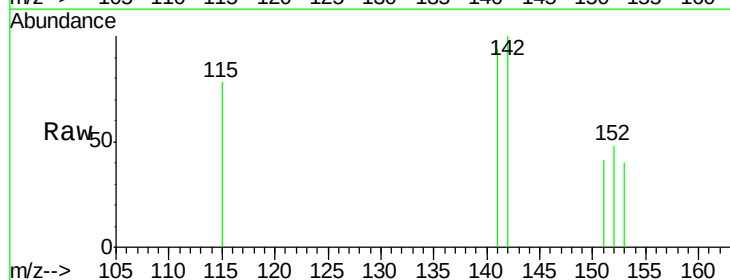
Acq: 21 Dec 2016 20:36

Tgt Ion:142 Resp: 229

Ion Ratio Lower Upper

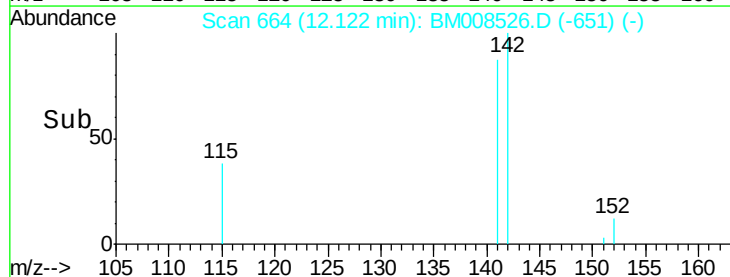
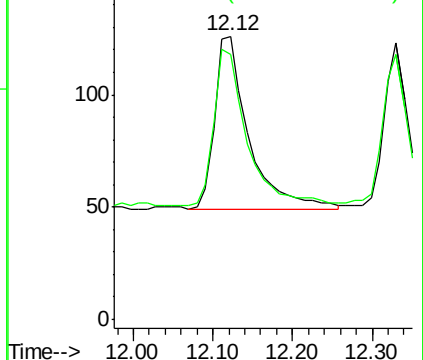
142 100

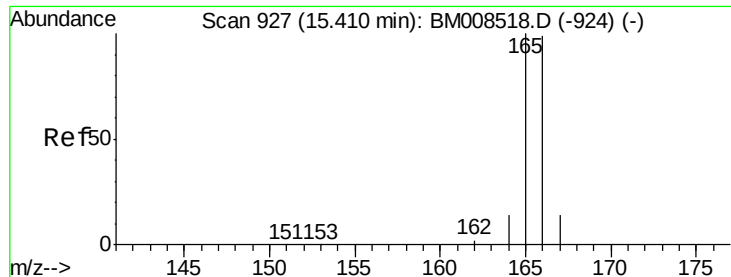
141 86.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.05 min

Lab File: BM008526.D

Acq: 21 Dec 2016 20:36

Instrument :

BNA_M

ClientSampleId :

DA8W9

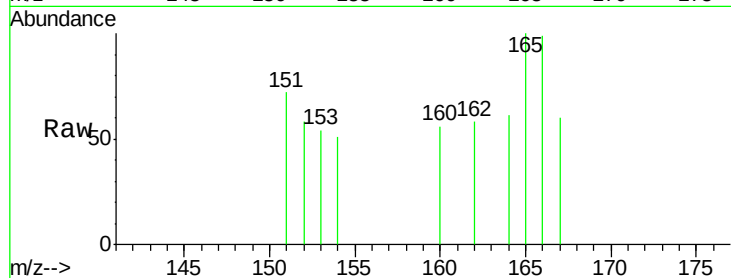
Tgt Ion:166 Resp: 85

Ion Ratio Lower Upper

166 100

165 101.0 73.4 110.2

167 61.0 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.36

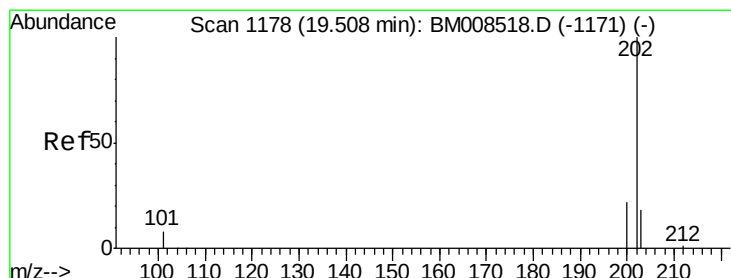
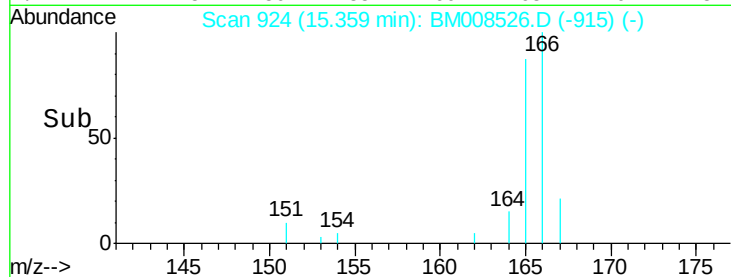
100

50

0

15.30 15.35 15.40 15.45

Time-->



#17

Pyrene

Concen: 0.14 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BM008526.D

Acq: 21 Dec 2016 20:36

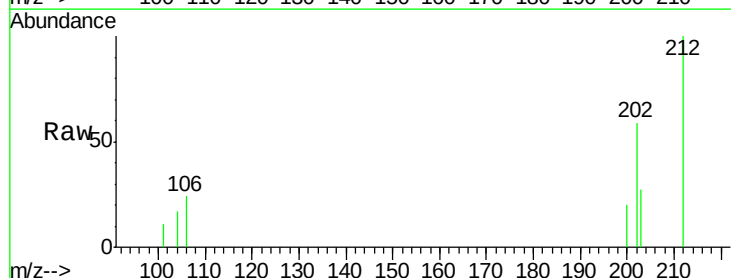
Tgt Ion:202 Resp: 790

Ion Ratio Lower Upper

202 100

200 33.4 18.2 27.4#

203 45.6 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.48

600

500

400

300

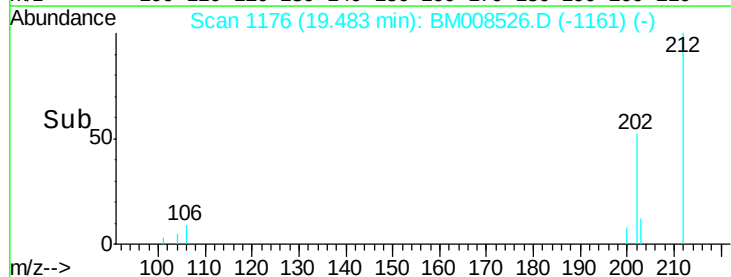
200

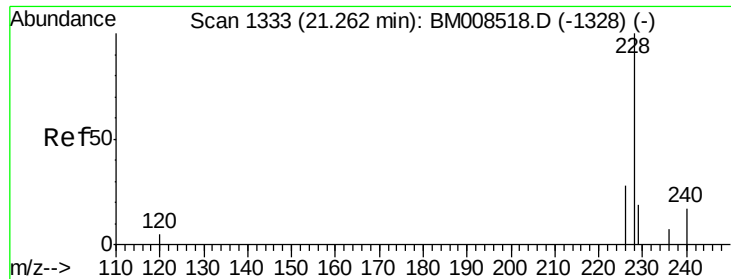
100

0

19.40 19.50

Time-->





#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM008526.D

Acq: 21 Dec 2016 20:36

Instrument :

BNA_M

ClientSampleId :

DA8W9

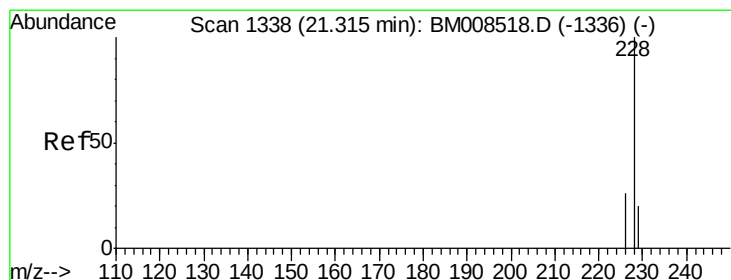
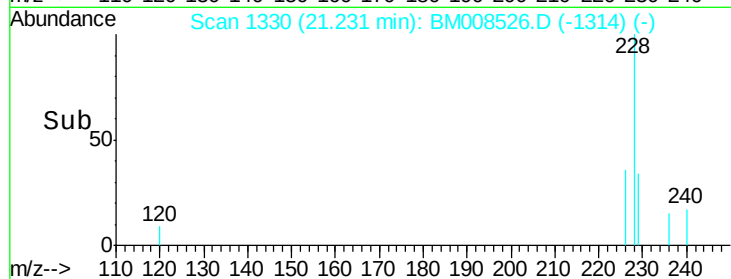
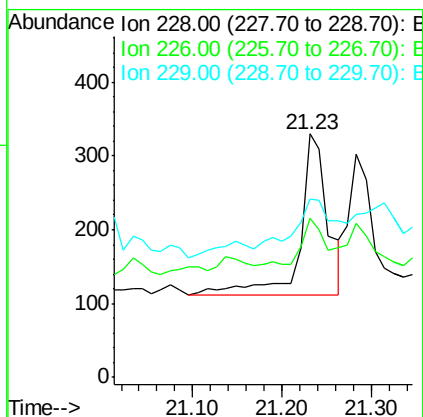
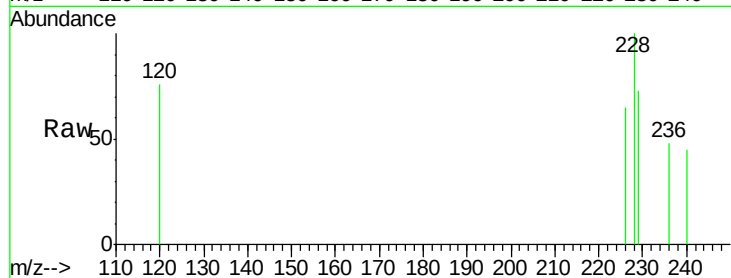
Tgt Ion:228 Resp: 471

Ion Ratio Lower Upper

228 100

226 65.2 22.8 34.2#

229 73.3 17.0 25.6#



#19

Chrysene

Concen: 0.06 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.03 min

Lab File: BM008526.D

Acq: 21 Dec 2016 20:36

Tgt Ion:228 Resp: 313

Ion Ratio Lower Upper

228 100

226 69.0 23.4 35.0#

229 72.9 17.7 26.5#

