

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008053.D
 Acq On : 24 Nov 2016 02:36
 Operator : UM/SJ
 Sample : H5694-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR2

Quant Time: Nov 24 04:13:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 04:11:15 2016
 Response via : Initial Calibration

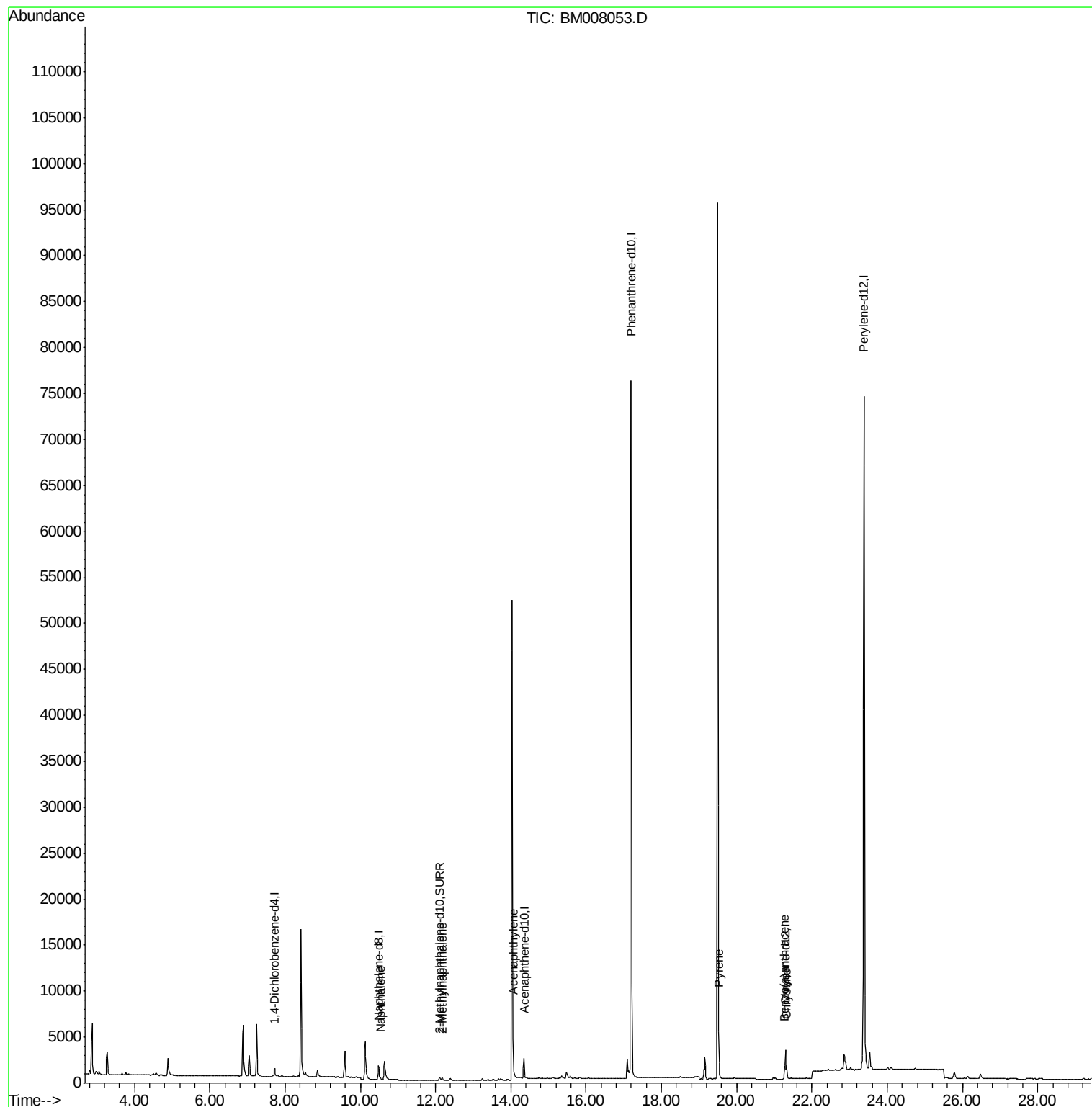
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	679	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2301	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1395	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	107633	0.40	ng/ul	0.09
16) Chrysene-d12	21.29	240	2684	0.40	ng/ul	-0.01
20) Perylene-d12	23.38	264	94544	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	588	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	1381	0.00	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.54	128	353	0.05	ng/ul#	62
5) 2-Methylnaphthalene	12.17	142	264	0.06	ng/ul	96
7) Acenaphthylene	14.06	152	198	0.03	ng/ul#	41
17) Pyrene	19.52	202	2744	0.29	ng/ul	98
18) Benzo(a)anthracene	21.27	228	1360	0.17	ng/ul#	88
19) Chrysene	21.32	228	1695	0.17	ng/ul#	90

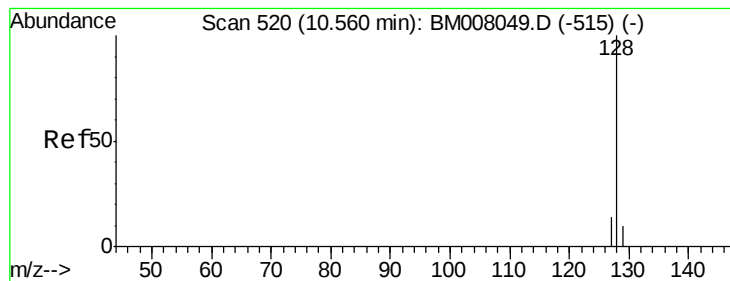
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008053.D

Acq: 24 Nov 2016 02:36

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JHSR2

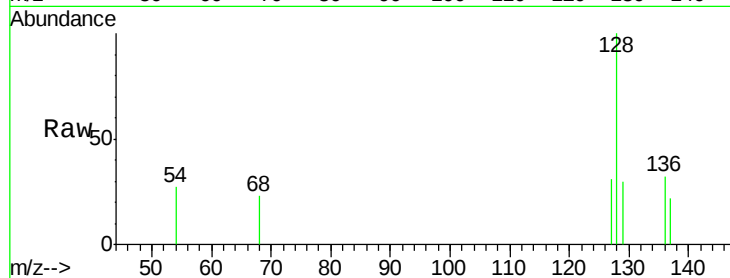
Tgt Ion:128 Resp: 353

Ion Ratio Lower Upper

128 100

129 30.1 11.3 16.9#

127 31.4 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

10.54

250

200

150

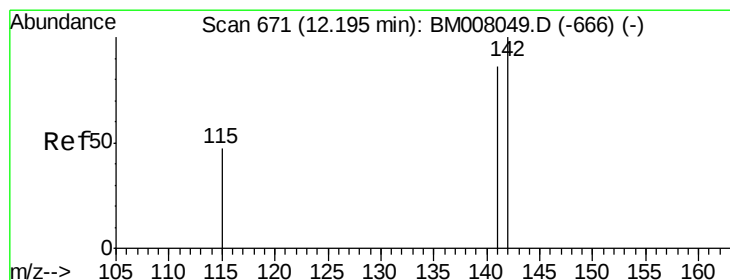
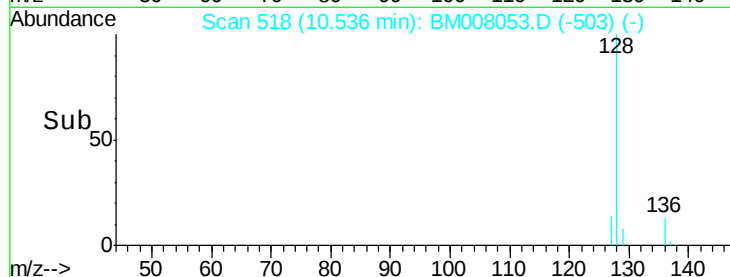
100

50

0

10.50 10.60

Time-->



#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.17 min Scan# 669

Delta R.T. -0.02 min

Lab File: BM008053.D

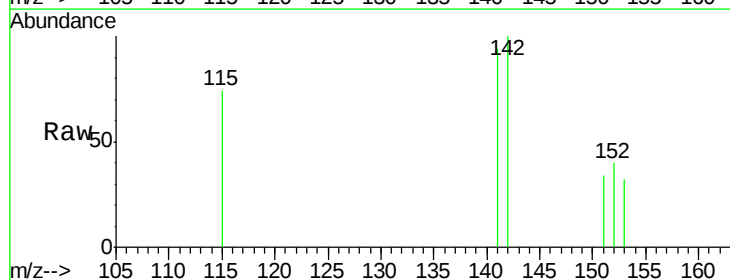
Acq: 24 Nov 2016 02:36

Tgt Ion:142 Resp: 264

Ion Ratio Lower Upper

142 100

141 87.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.17

150

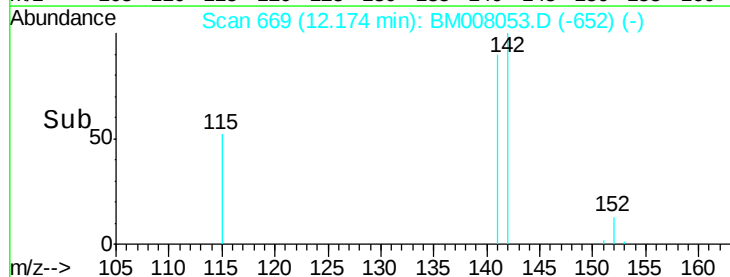
100

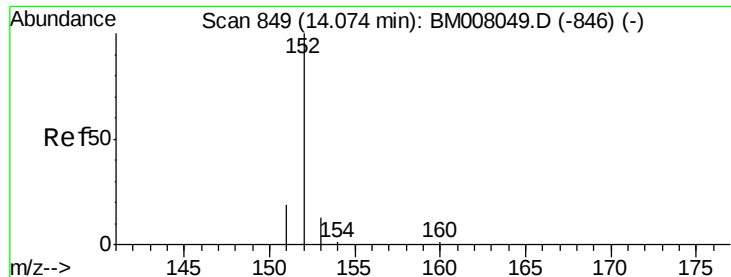
50

0

12.10 12.20 12.30

Time-->





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.02 min

Lab File: BM008053.D

Acq: 24 Nov 2016 02:36

Instrument :

BNA_M

ClientSampleId :

JHSR2

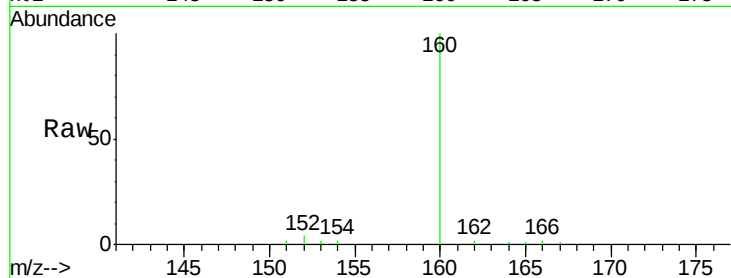
Tgt Ion:152 Resp: 198

Ion Ratio Lower Upper

152 100

151 47.8 17.1 25.7#

153 42.8 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.06

150

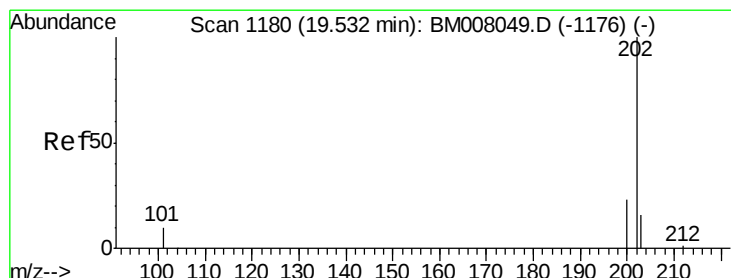
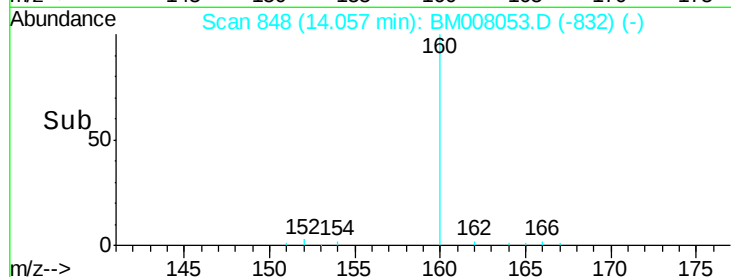
100

50

0

Time-->

13.90 14.00 14.10 14.20



#17

Pyrene

Concen: 0.29 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008053.D

Acq: 24 Nov 2016 02:36

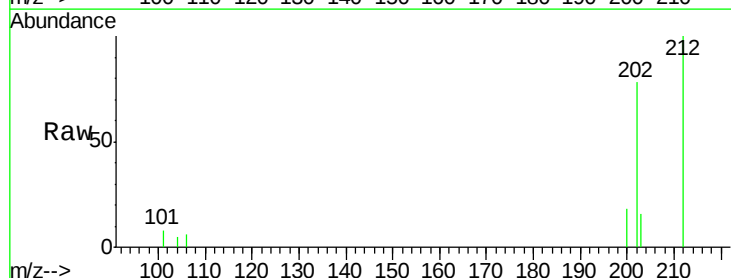
Tgt Ion:202 Resp: 2744

Ion Ratio Lower Upper

202 100

200 23.5 18.2 27.4

203 21.0 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

19.52

2500

2000

1500

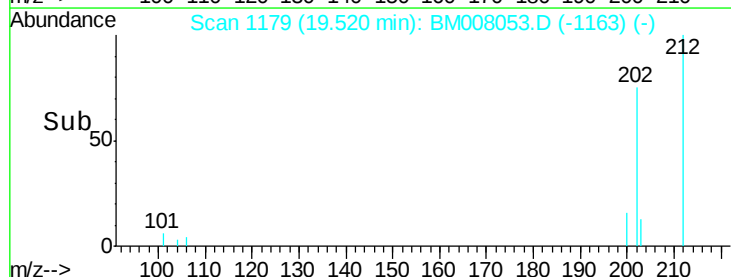
1000

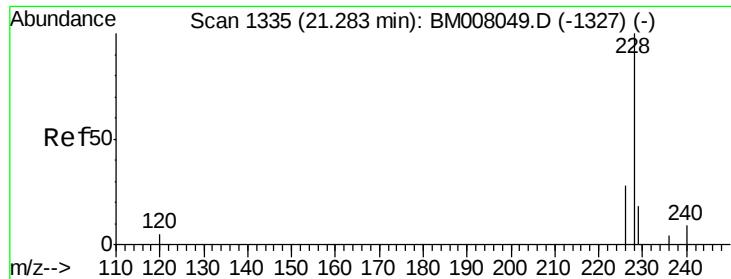
500

0

Time-->

19.40 19.50 19.60





#18

Benzo(a)anthracene

Concen: 0.17 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM008053.D

Acq: 24 Nov 2016 02:36

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JHSR2

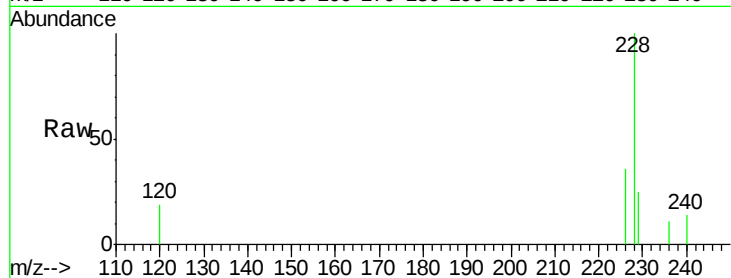
Tgt Ion:228 Resp: 1360

Ion Ratio Lower Upper

228 100

226 36.0 22.8 34.2#

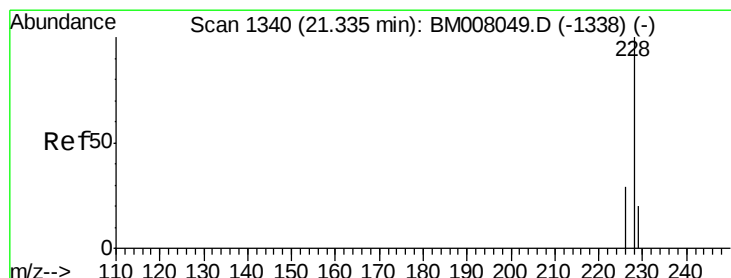
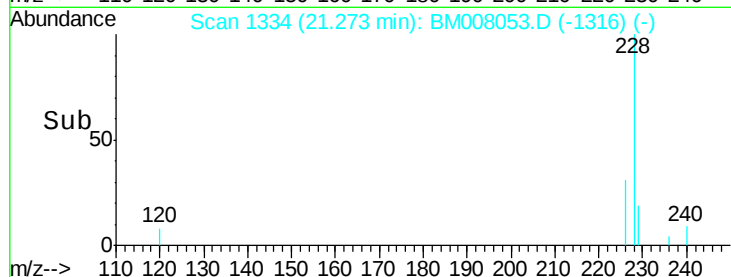
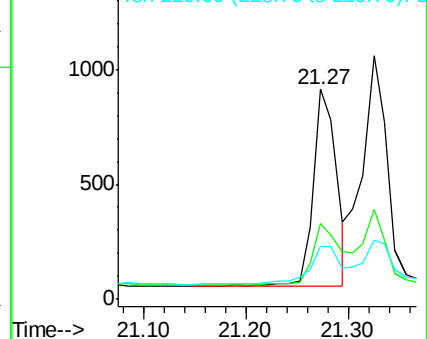
229 25.4 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 0.17 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BM008053.D

Acq: 24 Nov 2016 02:36

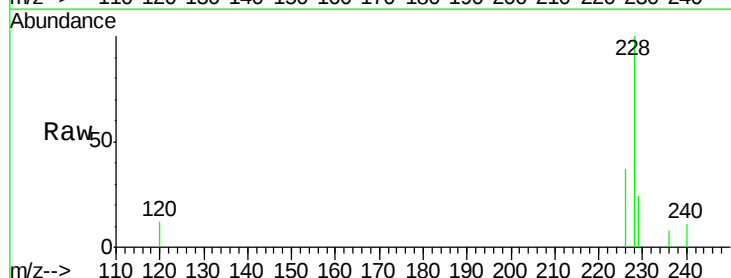
Tgt Ion:228 Resp: 1695

Ion Ratio Lower Upper

228 100

226 36.7 23.4 35.0#

229 24.5 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

