

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM030817\  
 Data File : BM009128.D  
 Acq On : 09 Mar 2017 04:35  
 Operator : SJ/MA  
 Sample : I2069-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC2

Quant Time: Mar 09 05:32:13 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM030317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 02:44:03 2017  
 Response via : Initial Calibration

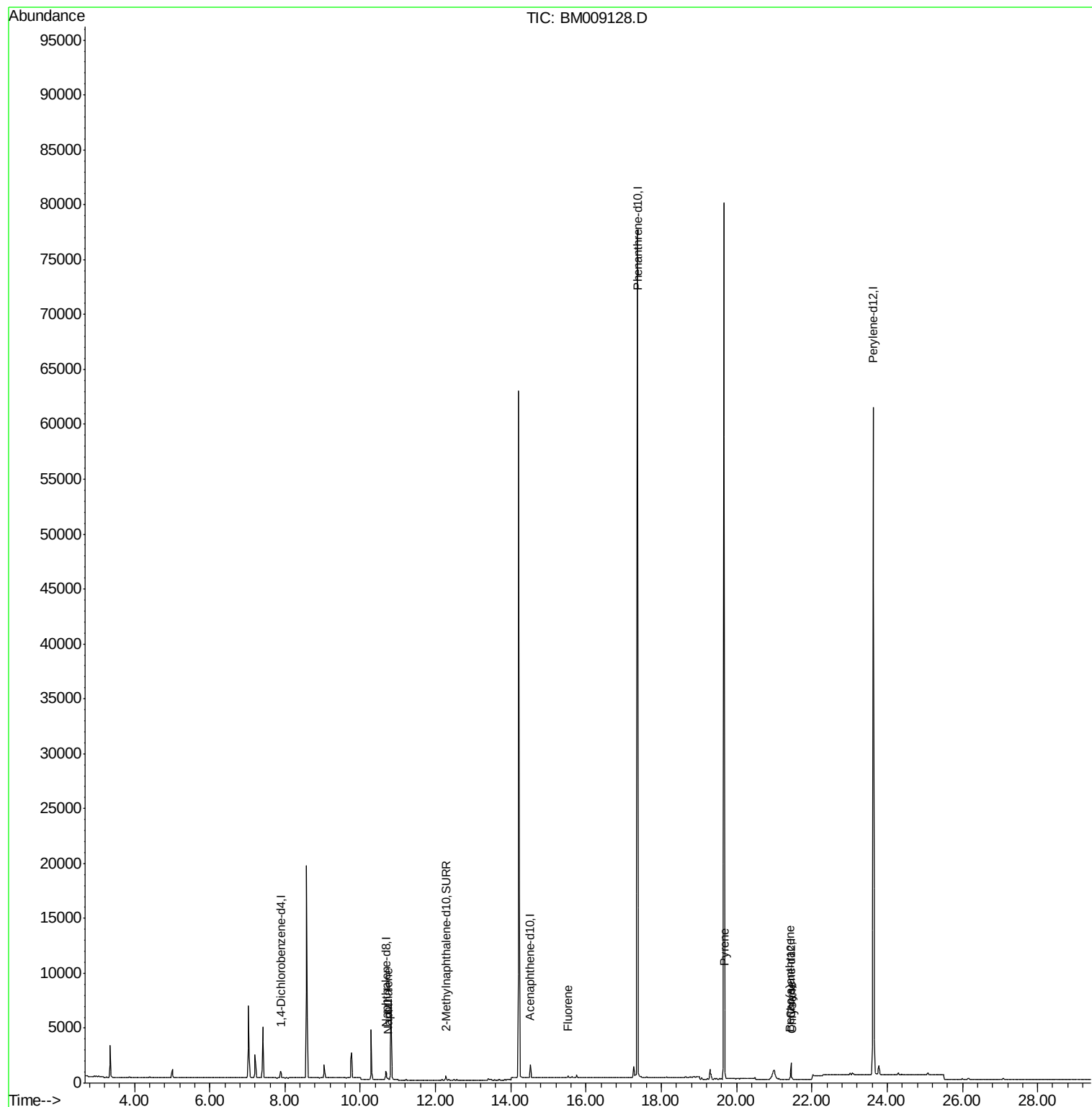
| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.88  | 152  | 322      | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.68 | 136  | 1060     | 0.40 | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.52 | 164  | 641      | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.36 | 188  | 95053    | 0.40 | ng/ul  | 0.10     |
| 16) Chrysene-d12            | 21.44 | 240  | 1342     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.63 | 264  | 78496    | 0.40 | ng/ul  | -0.15    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.27 | 152  | 467      | 0.27 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 1084     | 0.00 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
| 3) Naphthalene              | 10.73 | 128  | 79       | 0.03 | ng/ul# | 1        |
| 9) Fluorene                 | 15.51 | 166  | 219      | 0.07 | ng/ul# | 38       |
| 17) Pyrene                  | 19.68 | 202  | 543      | 0.12 | ng/ul# | 58       |
| 18) Benzo(a)anthracene      | 21.42 | 228  | 151      | 0.03 | ng/ul# | 42       |
| 19) Chrysene                | 21.47 | 228  | 155      | 0.04 | ng/ul# | 44       |

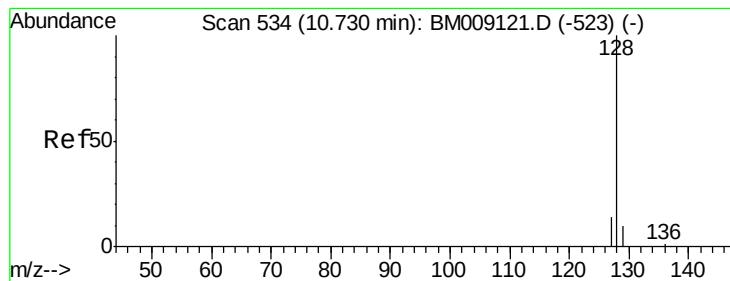
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

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BNA\_M

ClientSampleId :

C0AC2

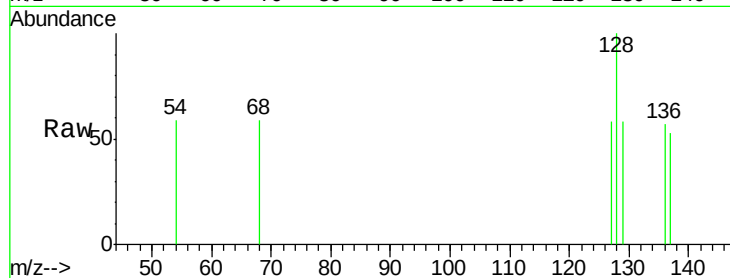
Tgt Ion:128 Resp: 79

Ion Ratio Lower Upper

128 100

129 58.2 11.3 16.9#

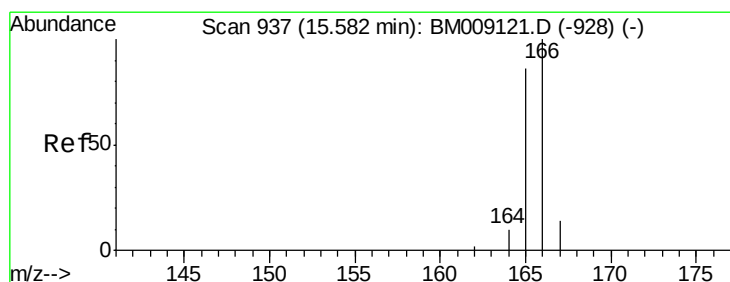
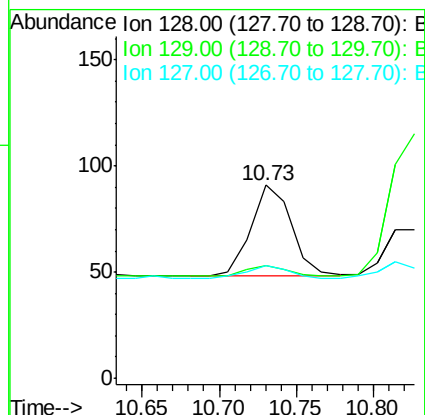
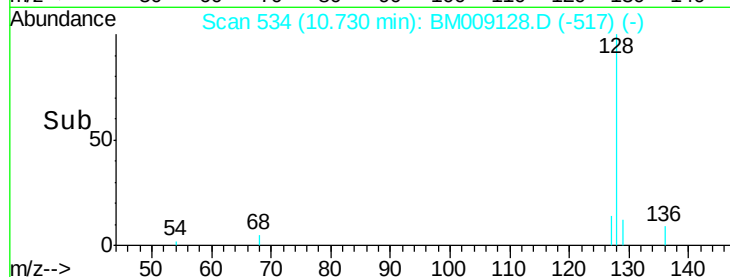
127 58.2 12.8 19.2#



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



#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.51 min Scan# 933

Delta R.T. -0.07 min

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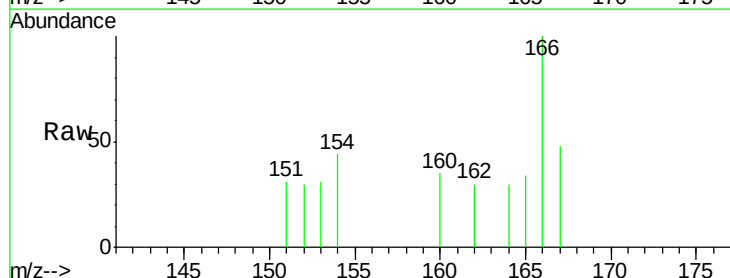
Tgt Ion:166 Resp: 219

Ion Ratio Lower Upper

166 100

165 34.0 73.4 110.2#

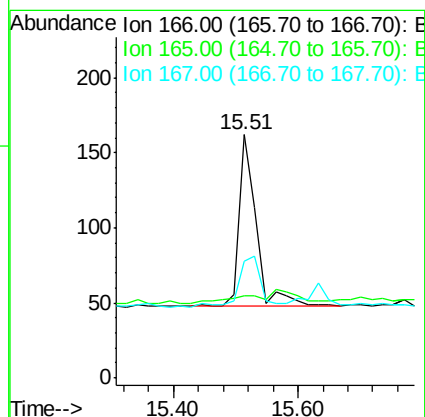
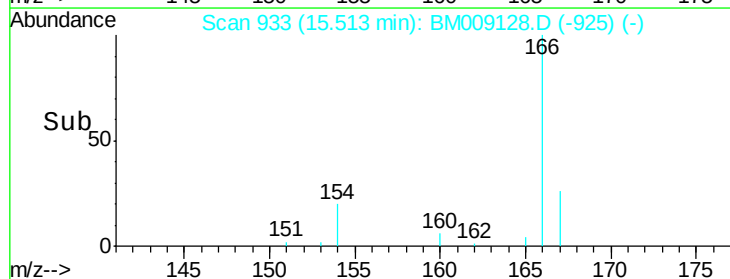
167 48.1 14.6 22.0#

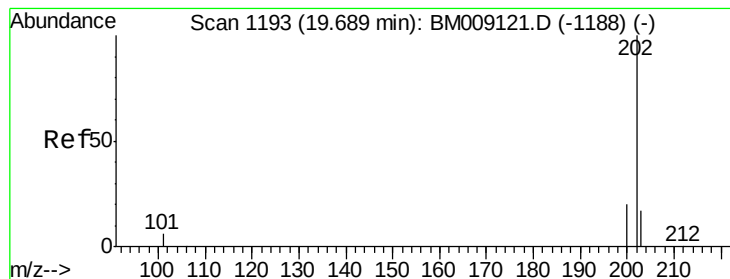


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pyrene

Concen: 0.12 ng/ul

RT: 19.68 min Scan# 1192

Delta R.T. -0.01 min

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C0AC2

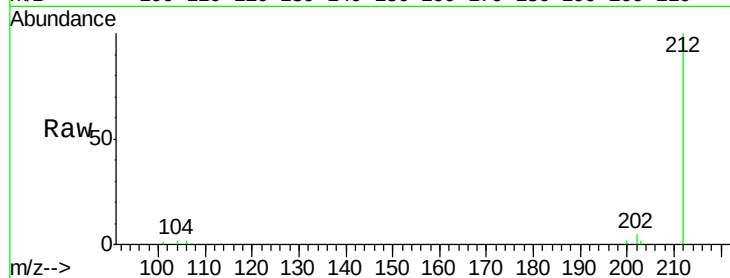
Tgt Ion:202 Resp: 543

Ion Ratio Lower Upper

202 100

200 37.4 18.2 27.4#

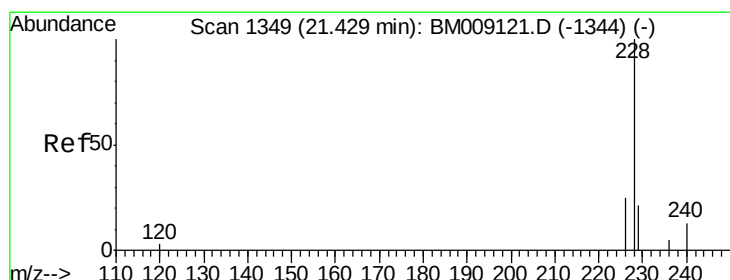
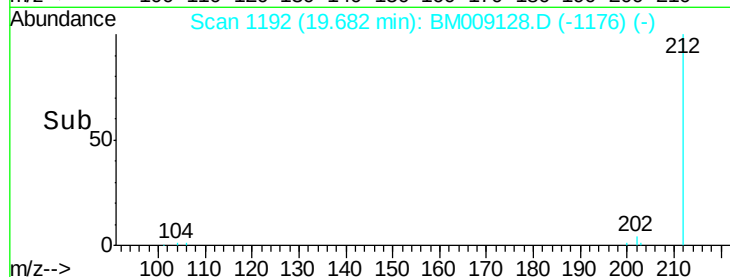
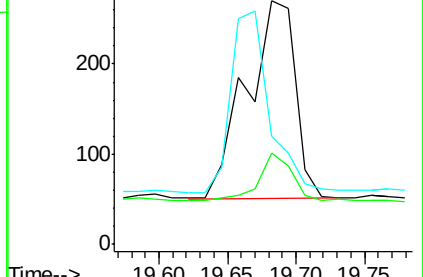
203 44.4 15.6 23.4#



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



#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.01 min

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Acq: 09 Mar 2017 04:35

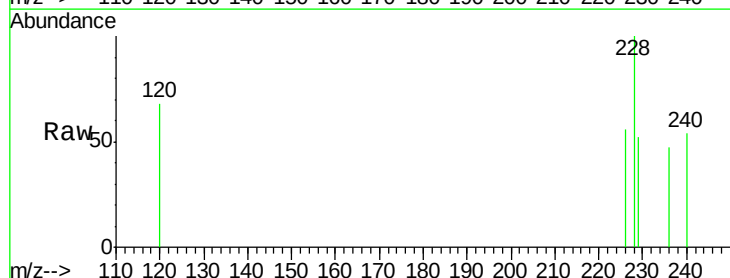
Tgt Ion:228 Resp: 151

Ion Ratio Lower Upper

228 100

226 56.1 22.8 34.2#

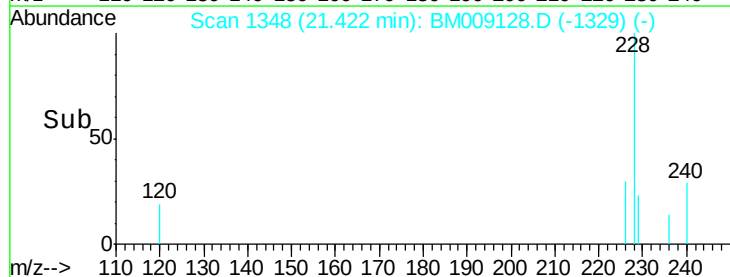
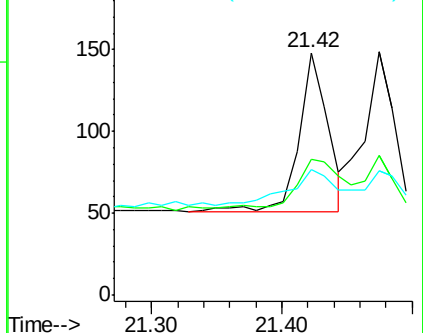
229 52.0 17.0 25.6#

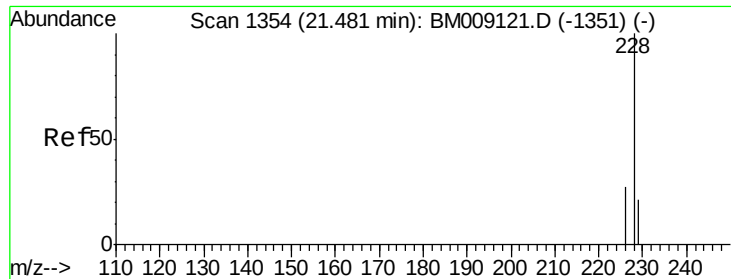


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BM009128.D

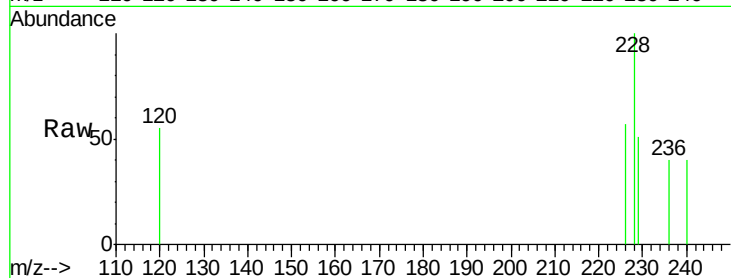
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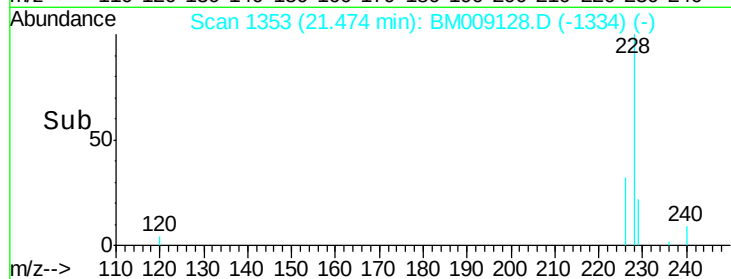
Tgt Ion: 228 Resp: 155

Ion Ratio Lower Upper

228 100

226 57.0 23.4 35.0#

229 51.0 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

