Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093587.D
Acq On : 25 Jul 2017 21:06
Operator : SJ/JU
Sample : I4209-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** C0B24

Quant Time: Jul 26 02:49:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.93 | 152 | 2279 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.71 | 136 | 12280 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.53 | 164 | 8238 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 0.00 | 188 | 0 | 0.00 | ng/ul | -17.26 |
| 16) Chrysene-d12 | 21.41 | 240 | 22883 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.76 | 264 | 1366179 | 0.40 | ng/ul | -0.15 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.29 | 152 | 5154 | 0.26 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.28 | 212 | 17972 | 0.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.76 | 128 | 1180 | 0.040 | ng/ul# | 90 |
| 7) Acenaphthylene | 14.25 | 152 | 1209 | 0.035 | ng/ul# | 87 |
| 17) Pyrene | 19.67 | 202 | 24415 | 0.366 | ng/ul# | 81 |
| 18) Benzo(a)anthracene | 21.39 | 228 | 12855 | 0.194 | ng/ul# | 84 |
| 19) Chrysene | 21.45 | 228 | 11027 | 0.173 | ng/ul | 98 |

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

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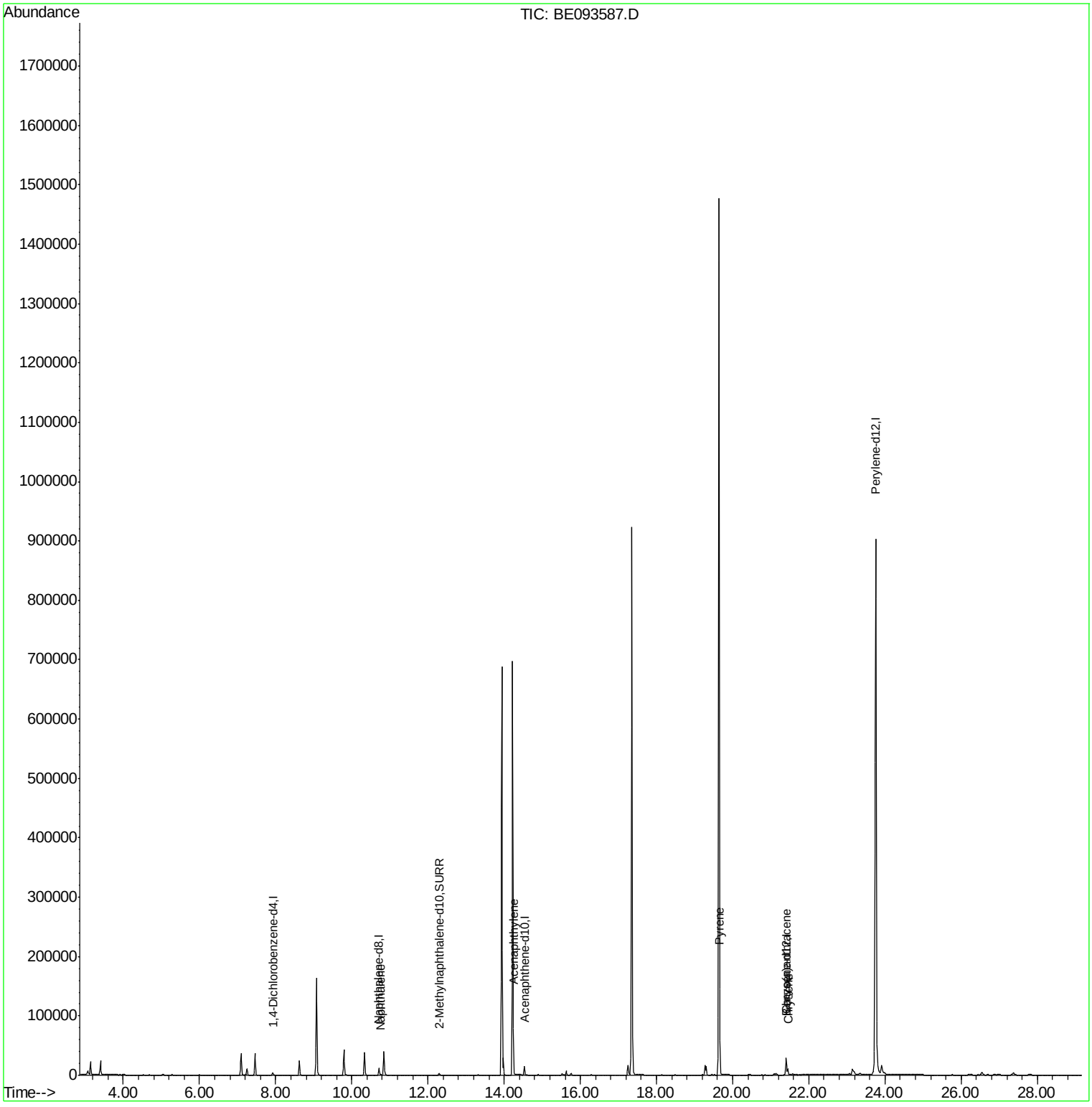
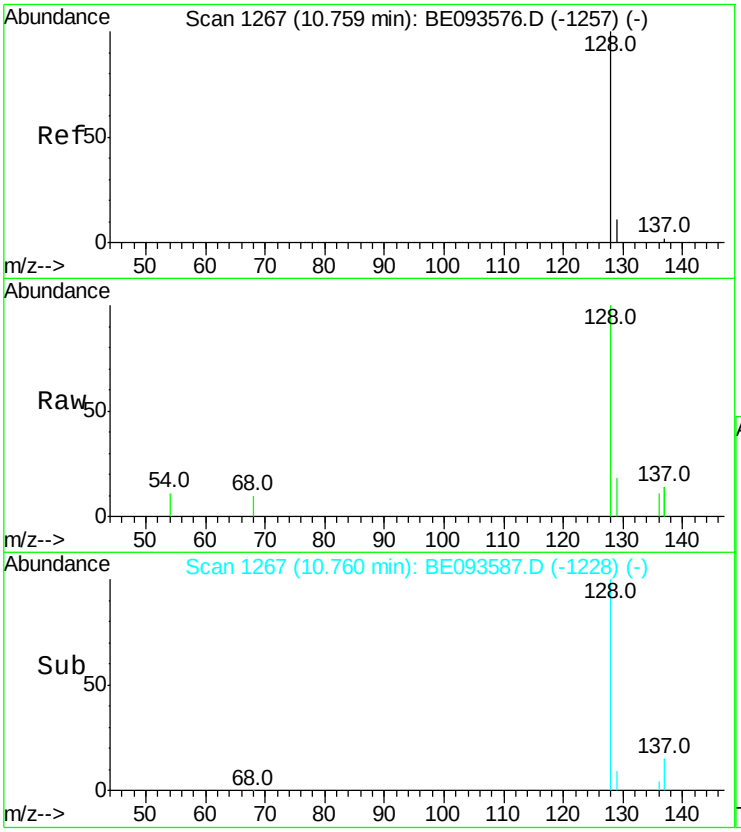


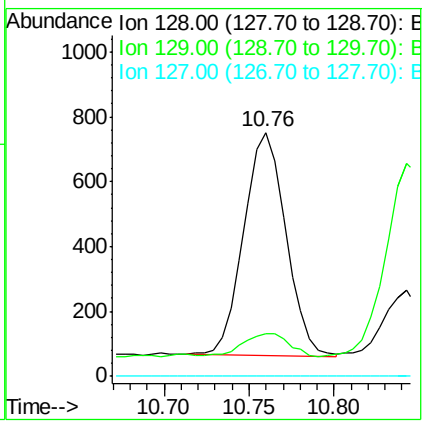


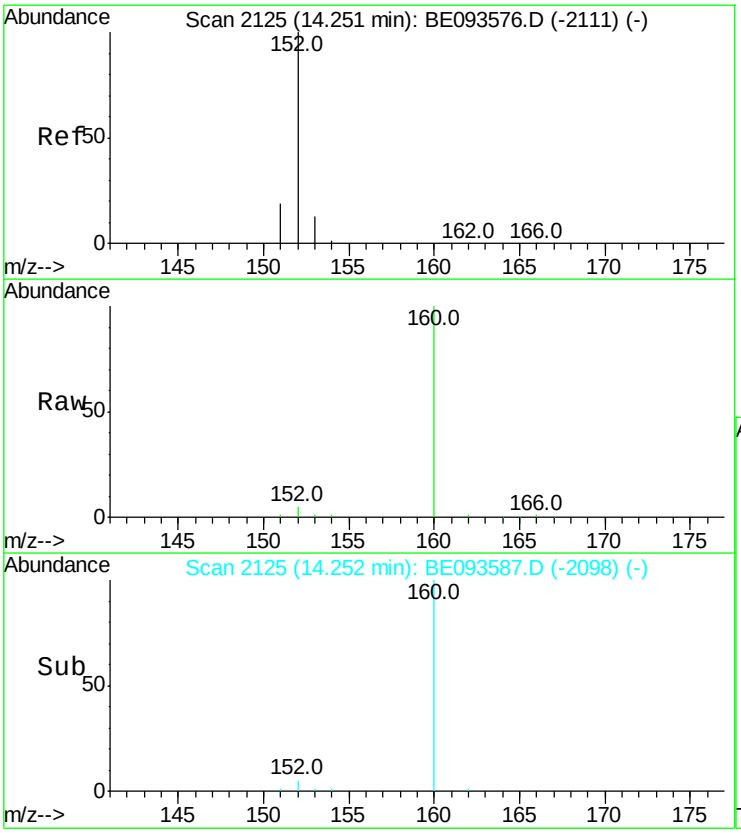

#3
Naphthalene
Concen: 0.040 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

**Instrument :**
BNA_E
**ClientSampleId :**
C0B24

Tgt Ion:128 Resp: 1180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 17.6 | 11.3 | 16.9# |
| 127 | 0.0 | 4.0 | 6.0# |

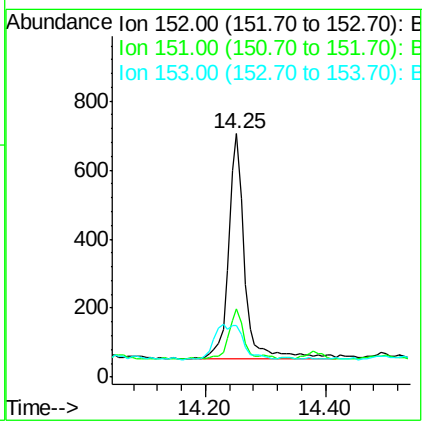


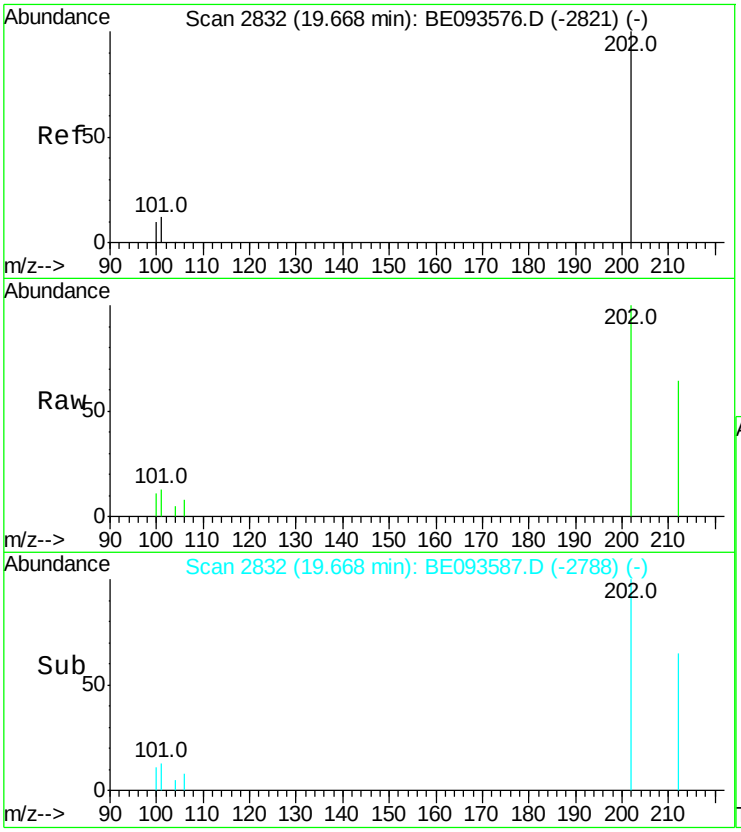




#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.25 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Tgt Ion:152 Resp: 1209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 27.9 | 17.1 | 25.7# |
| 153 | 21.2 | 12.8 | 19.2# |



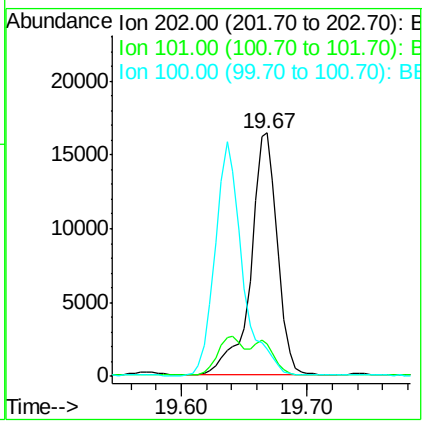


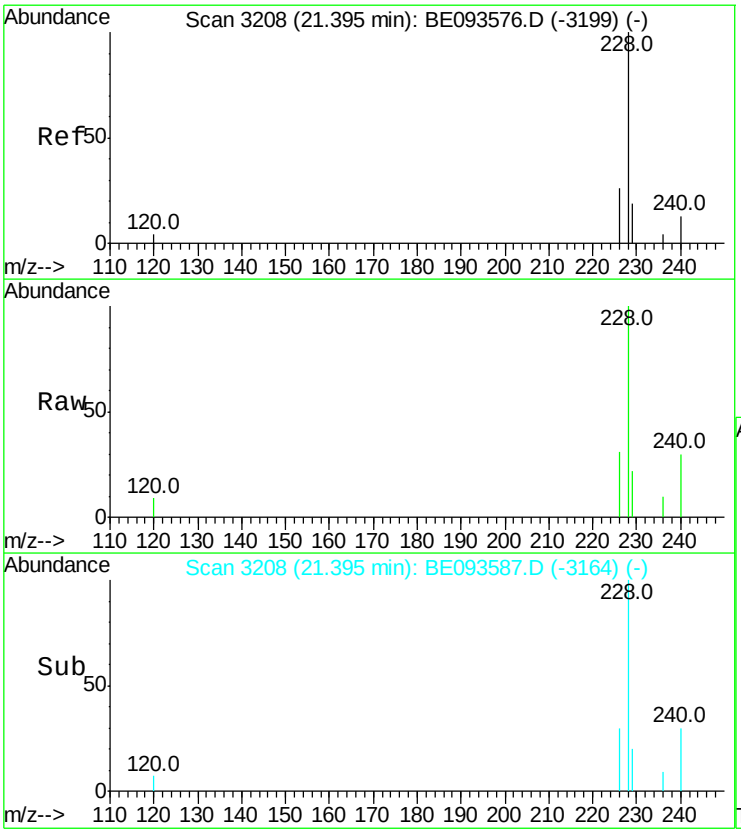

#17
Pyrene
Concen: 0.366 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

**Instrument :**
BNA_E
**ClientSampleId :**
C0B24

Tgt Ion:202 Resp: 24415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.1 | 18.2 | 27.4# |
| 100 | 11.4 | 15.6 | 23.4# |

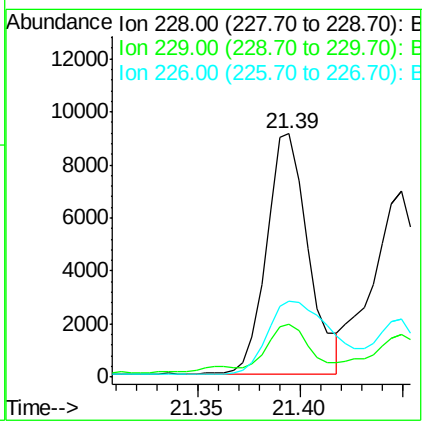


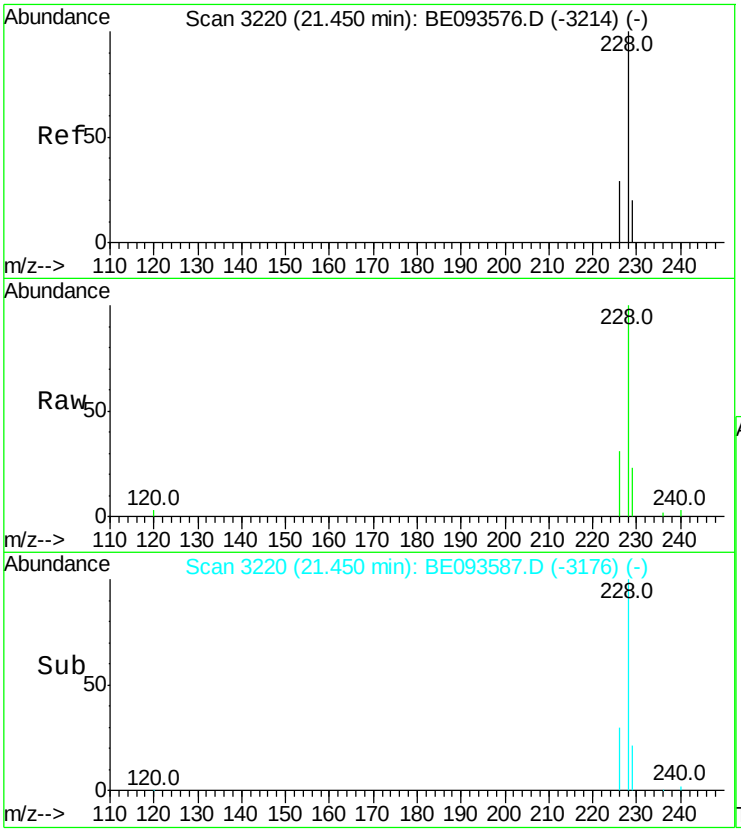




#18
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

Tgt Ion:228 Resp: 12855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.6 | 22.8 | 34.2# |
| 226 | 31.1 | 17.0 | 25.6# |






#19
Chrysene
Concen: 0.173 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093587.D
Acq: 25 Jul 2017 21:06

**Instrument :**
BNA_E
**ClientSampleId :**
C0B24

Tgt Ion:228 Resp: 11027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 23.4 | 35.0 |
| 229 | 22.6 | 17.7 | 26.5 |