Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026469.D
Acq On : 11 Jul 2023 20:13
Operator : MA/JU
Sample : 03414-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4647

Quant Time: Jul 12 02:13:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.938 | 152 | 548 | 0.400 | ng/ul | # 0.00 |
| 4) Naphthalene-d8 | 10.743 | 136 | 1518 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.570 | 164 | 637 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.330 | 188 | 1024 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.523 | 240 | 876 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.970 | 264 | 750 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.348 | 96 | 181 | 0.293 | ng/ul | 0.05 |
| 6) 2-Methylnaphthalene-d10 | 12.326 | 152 | 9 | 0.004 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.349 | 212 | 49 | 0.015 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.787 | 128 | 582 | 0.134 | ng/ul# | 43 |
| 15) Phenanthrene | 17.376 | 178 | 409 | 0.121 | ng/ul# | 15 |
| 19) Fluoranthene | 19.382 | 202 | 503 | 0.108 | ng/ul# | 47 |
| 20) Pyrene | 19.744 | 202 | 525 | 0.108 | ng/ul# | 46 |
| 21) Benzo(a)anthracene | 21.511 | 228 | 499 | 0.138 | ng/ul# | 35 |
| 22) Chrysene | 21.561 | 228 | 452 | 0.120 | ng/ul# | 45 |

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

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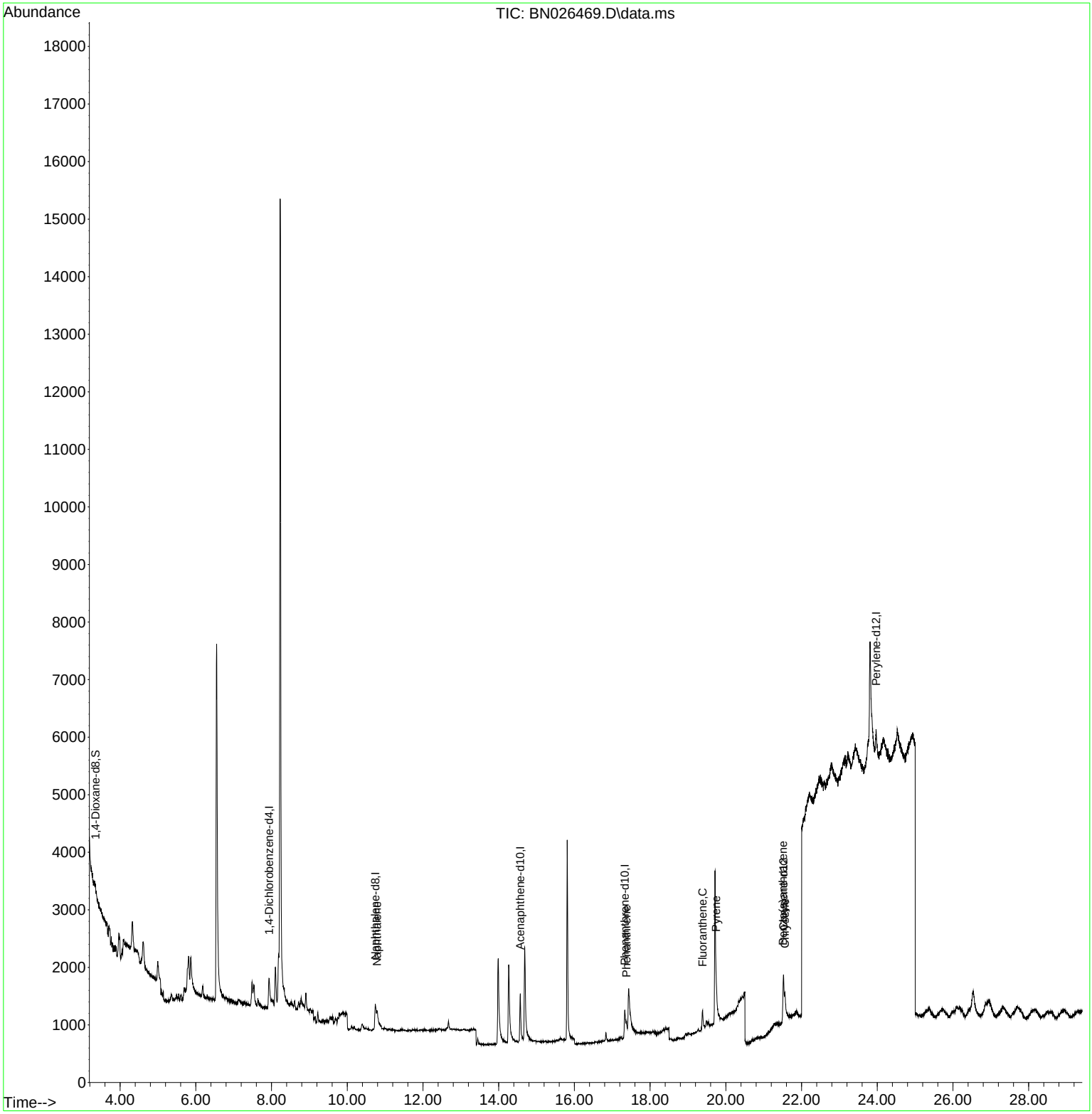
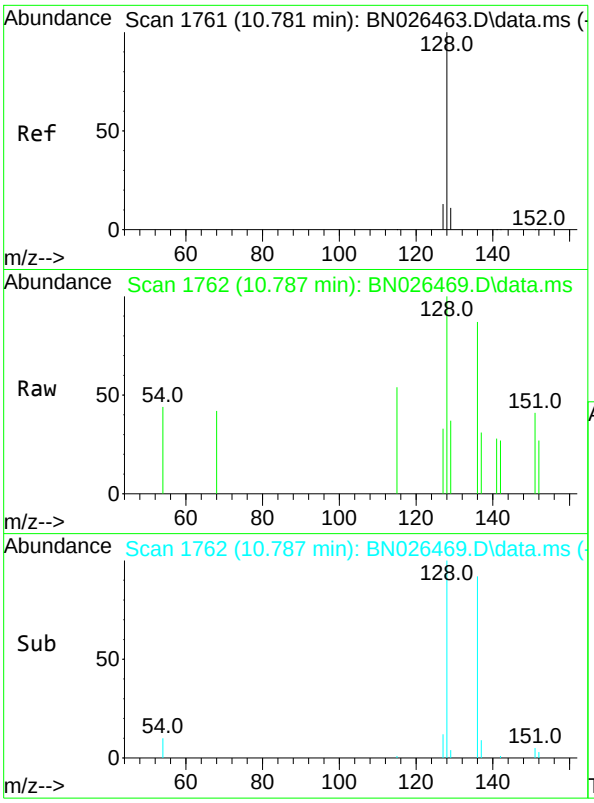


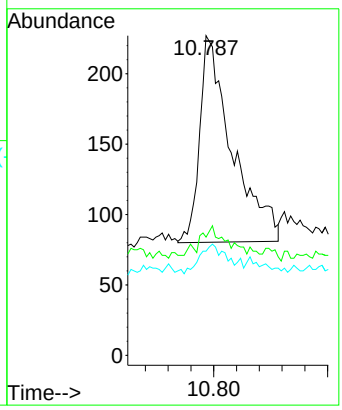


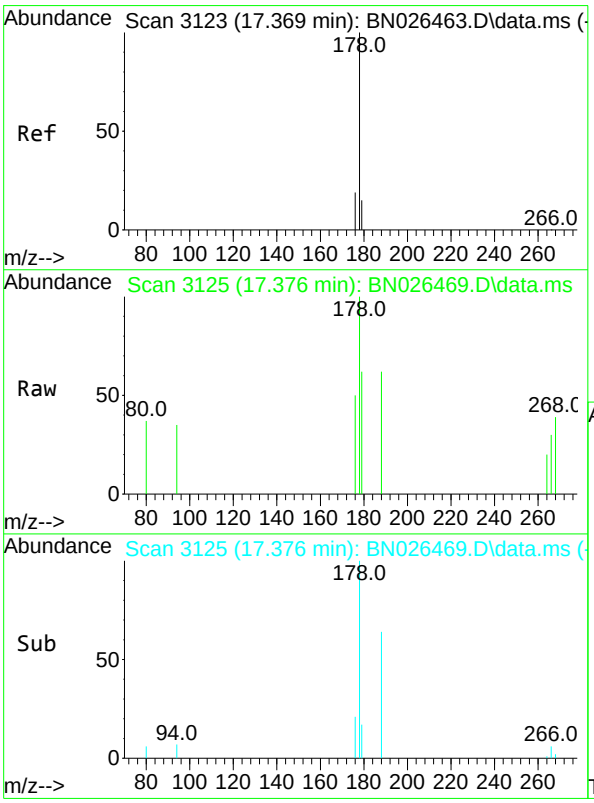

#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026469.D
Acq: 11 Jul 2023 20:13

**Instrument :**
BNA_N
**ClientSampleId :**
A4647

Tgt Ion:128 Resp: 582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 37.0 | 9.1 | 13.7# |
| 127 | 32.6 | 10.7 | 16.1# |

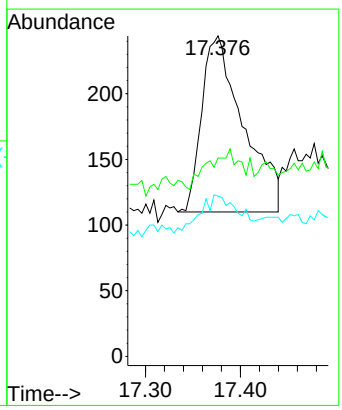


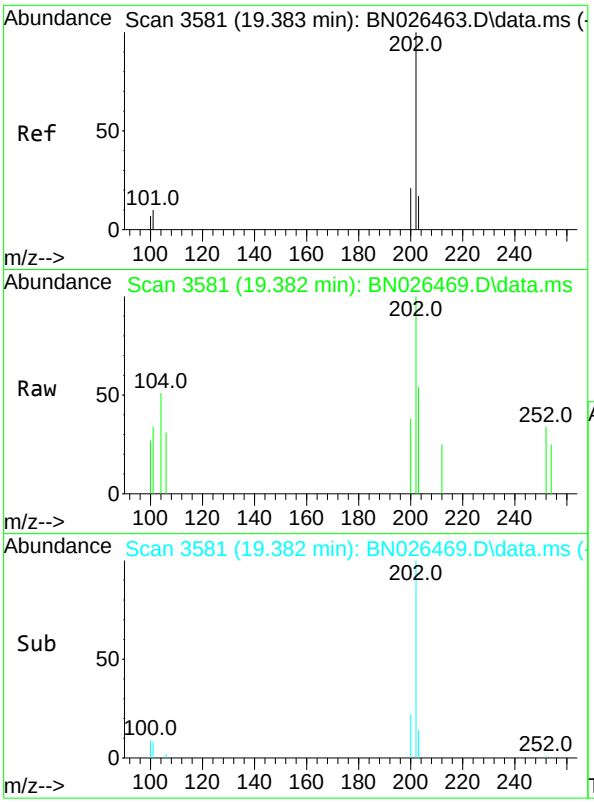




#15
Phenanthrene
Concen: 0.121 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. 0.008 min
Lab File: BN026469.D
Acq: 11 Jul 2023 20:13

Tgt Ion:178 Resp: 409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 61.9 | 12.6 | 19.0# |
| 176 | 50.0 | 15.8 | 23.6# |



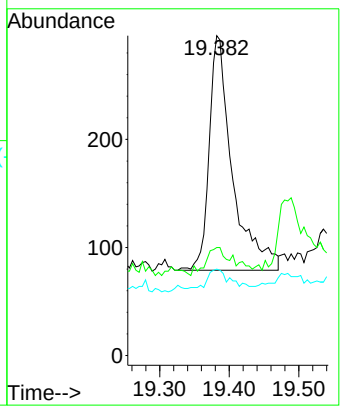


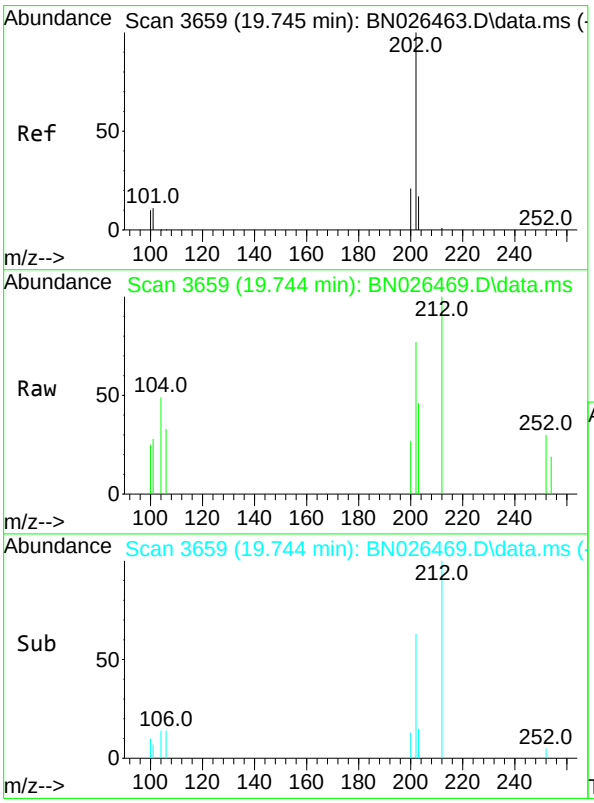

#19
Fluoranthene
Concen: 0.108 ng/ul
RT: 19.382 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026469.D
Acq: 11 Jul 2023 20:13

**Instrument :**
BNA_N
**ClientSampleId :**
A4647

Tgt Ion:202 Resp: 503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 33.8 | 9.5 | 14.3# |
| 100 | 27.0 | 7.3 | 10.9# |

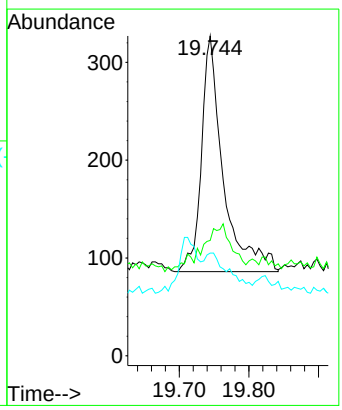


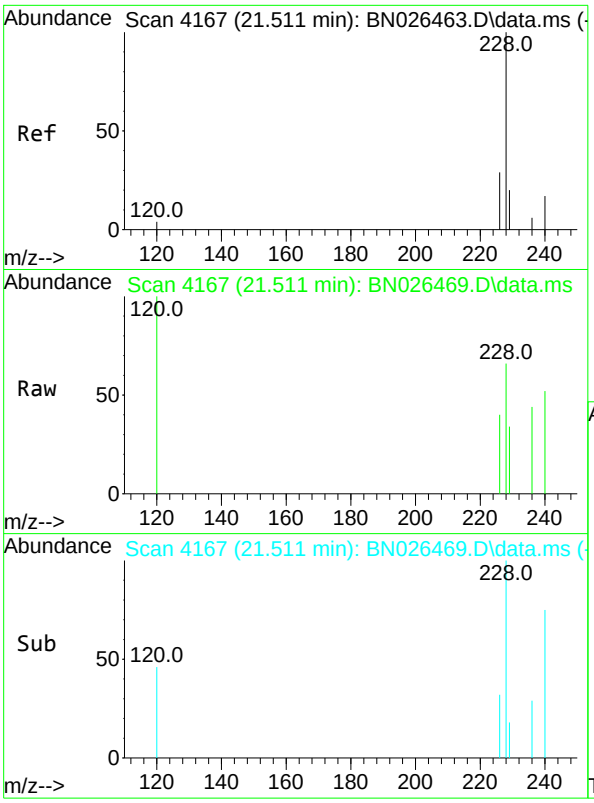




#20
Pyrene
Concen: 0.108 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026469.D
Acq: 11 Jul 2023 20:13

Tgt Ion:202 Resp: 525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 36.1 | 11.4 | 17.0# |
| 100 | 32.1 | 9.1 | 13.7# |



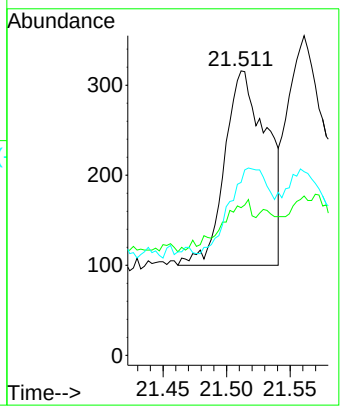


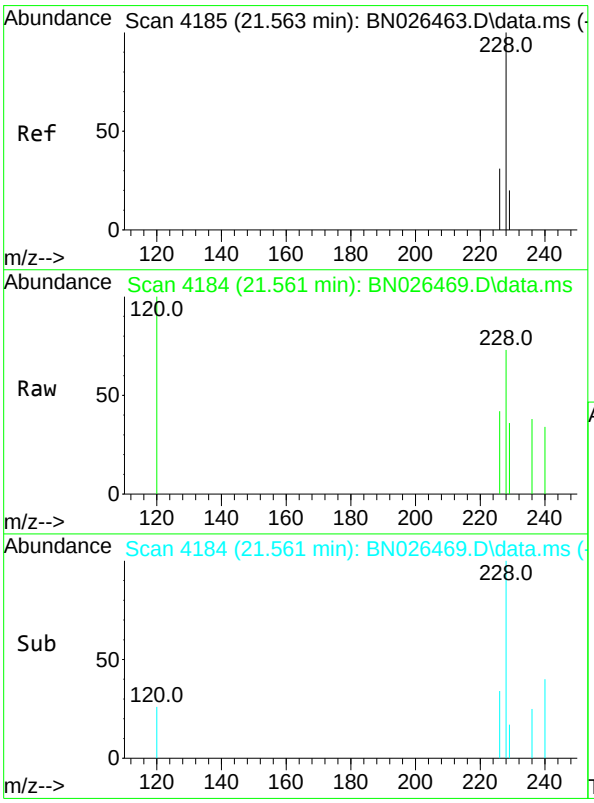

#21
Benzo(a)anthracene
Concen: 0.138 ng/ul
RT: 21.511 min Scan# 41
Delta R.T. 0.012 min
Lab File: BN026469.D
Acq: 11 Jul 2023 20:13

**Instrument :**
BNA_N
**ClientSampleId :**
A4647

Tgt Ion:228 Resp: 499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 51.9 | 15.8 | 23.6# |
| 226 | 60.8 | 22.5 | 33.7# |




#22
Chrysene
Concen: 0.120 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. 0.009 min
Lab File: BN026469.D
Acq: 11 Jul 2023 20:13

Tgt Ion:228 Resp: 452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 57.5 | 24.8 | 37.2# |
| 229 | 49.9 | 15.7 | 23.5# |