Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003079.D
Acq On : 11 Oct 2018 00:02
Operator : MJ/SJ
Sample : J5157-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 11 08:13:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 08:10:30 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 1569 | 0.40 | ng/ul | -0.02 |
| 2) Naphthalene-d8 | 10.39 | 136 | 6726 | 0.40 | ng/ul | -0.02 |
| 6) Acenaphthene-d10 | 14.26 | 164 | 4053 | 0.40 | ng/ul | -0.01 |
| 10) Phenanthrene-d10 | 17.11 | 188 | 710734 | 0.40 | ng/ul | 0.08 |
| 16) Chrysene-d12 | 0.00 | 240 | 0 | 0.00 | ng/ul | -21.24 |
| 20) Perylene-d12 | 23.44 | 264 | 5765 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.01 | 152 | 4354 | 0.42 | ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 0.00 | 212 | 0 | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 21) Benzo(b)fluoranthene | 22.78 | 252 | 3913 | 0.188 | ng/ul | 84 |
| 22) Benzo(k)fluoranthene | 22.78 | 252 | 3891 | 0.181 | ng/ul# | 84 |
| 23) Benzo(a)pyrene | 23.34 | 252 | 1563 | 0.084 | ng/ul# | 75 |
| 24) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 980 | 0.046 | ng/ul | 93 |
| 26) Benzo(g,h,i)perylene | 26.36 | 276 | 1001 | 0.056 | ng/ul# | 71 |

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

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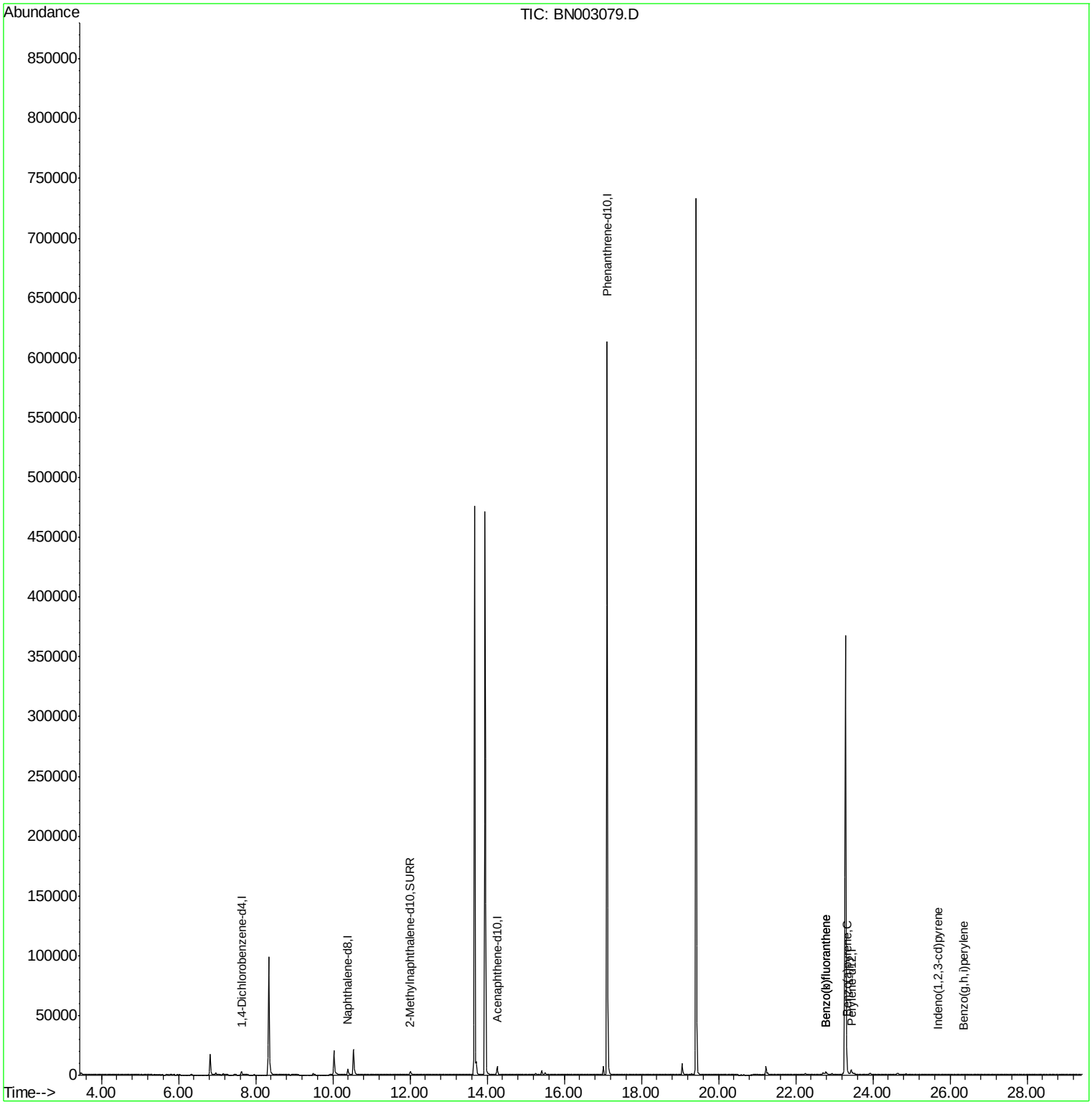
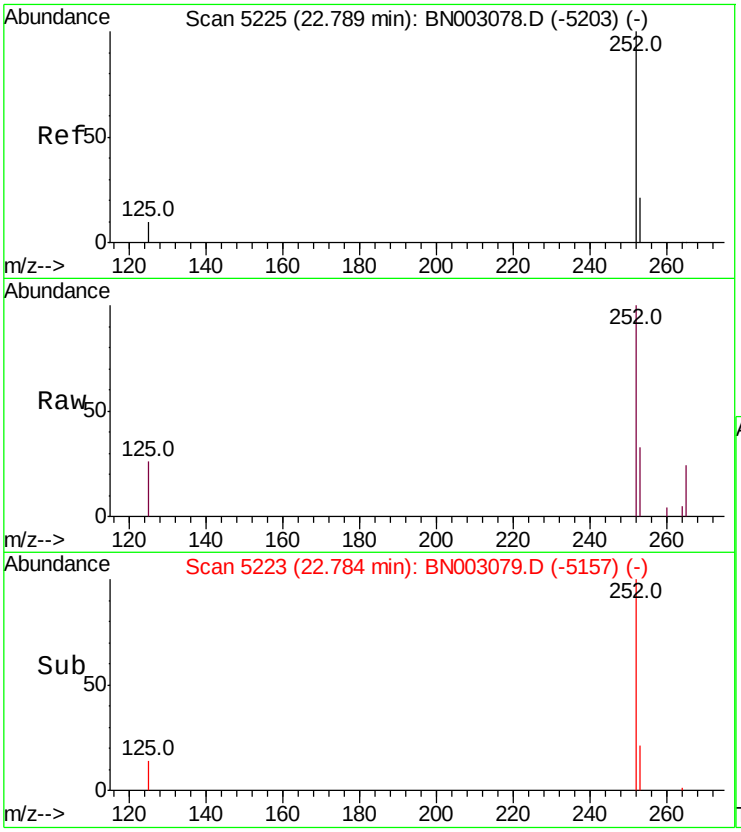


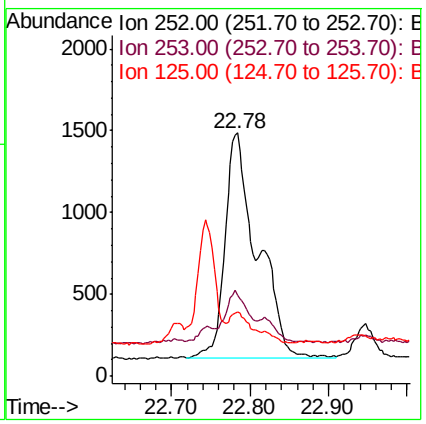


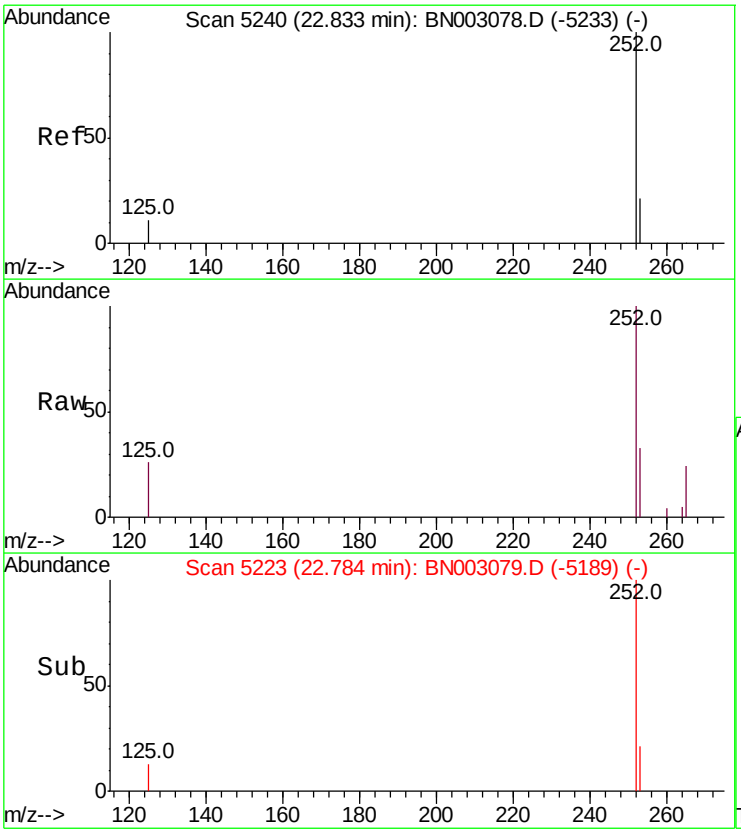

#21
Benzo(b)fluoranthene
Concen: 0.188 ng/ul
RT: 22.78 min Scan# 5223
Delta R.T. -0.01 min
Lab File: BN003079.D
Acq: 11 Oct 2018 00:02

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

Tgt Ion:252 Resp: 3913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 33.5 | 0.0 | 53.2 |
| 125 | 26.3 | 0.0 | 34.2 |

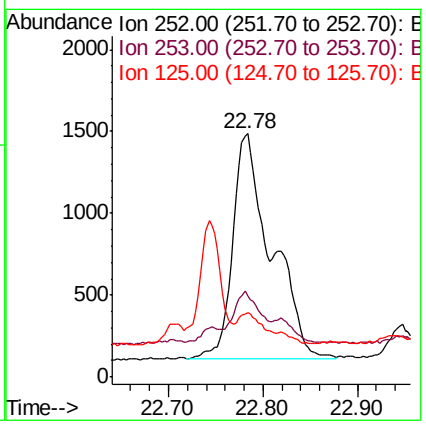


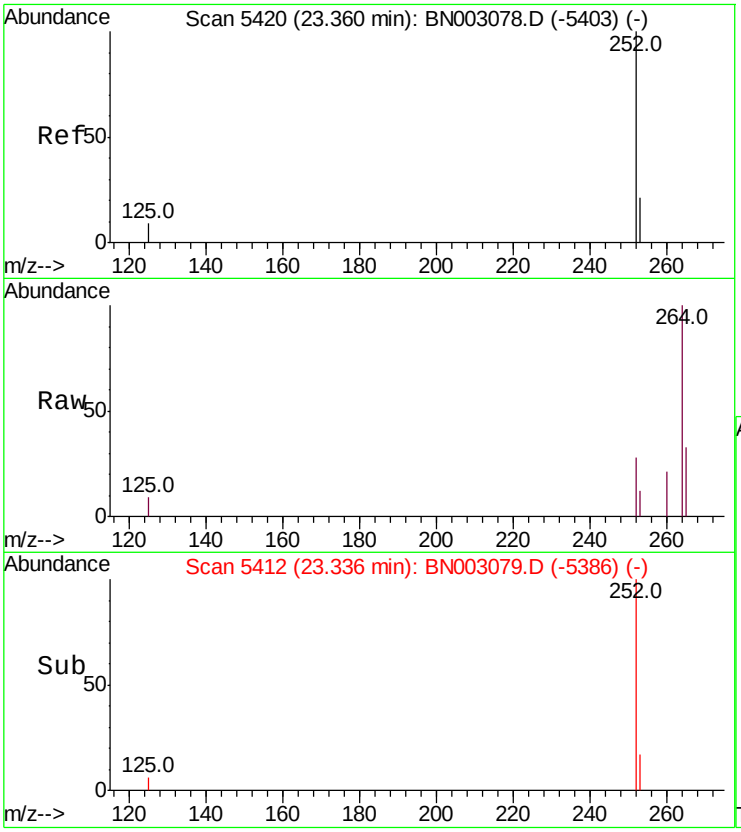




#22
Benzo(k)fluoranthene
Concen: 0.181 ng/ul
RT: 22.78 min Scan# 5223
Delta R.T. -0.05 min
Lab File: BN003079.D
Acq: 11 Oct 2018 00:02

Tgt Ion:252 Resp: 3891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 33.5 | 21.3 | 31.9# |
| 125 | 26.3 | 14.1 | 21.1# |



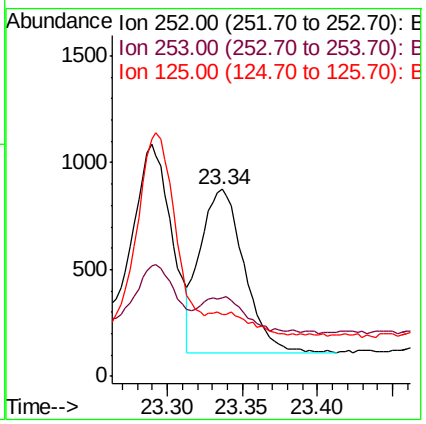


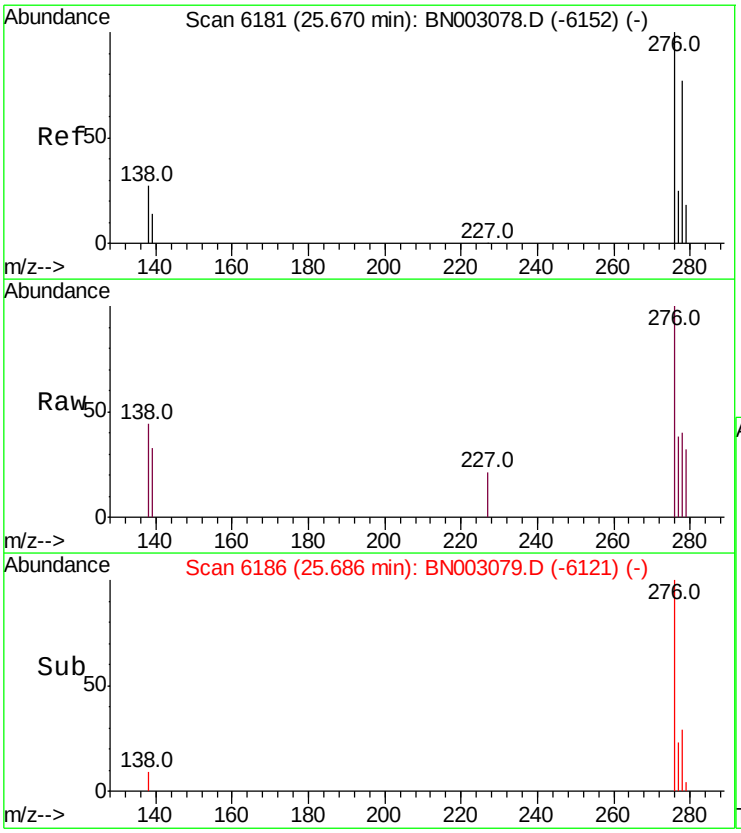

#23
Benzo(a)pyrene
Concen: 0.084 ng/ul
RT: 23.34 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003079.D
Acq: 11 Oct 2018 00:02

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

Tgt Ion:252 Resp: 1563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 42.0 | 23.1 | 34.7# |
| 125 | 33.2 | 16.9 | 25.3# |

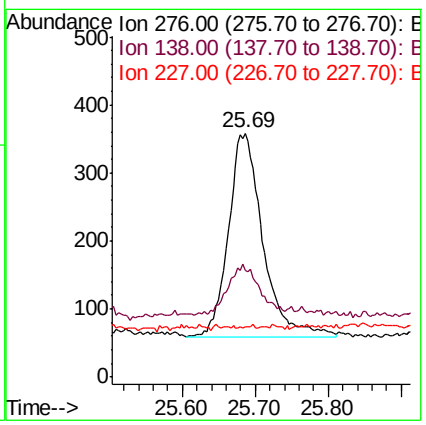


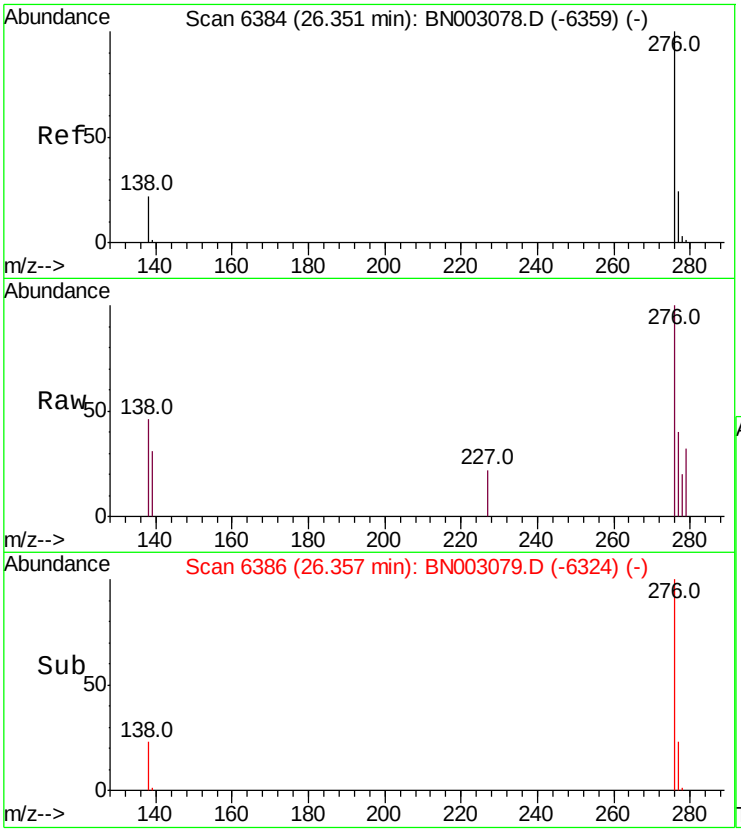




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 25.69 min Scan# 6186
Delta R.T. 0.02 min
Lab File: BN003079.D
Acq: 11 Oct 2018 00:02

Tgt Ion:276 Resp: 980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.1 | 21.5 | 32.3 |
| 227 | 0.4 | 0.3 | 0.5 |






#26
Benzo(g,h,i)perylene
Concen: 0.056 ng/ul
RT: 26.36 min Scan# 6386
Delta R.T. 0.01 min
Lab File: BN003079.D
Acq: 11 Oct 2018 00:02

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

Tgt Ion:276 Resp: 1001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 46.2 | 23.0 | 34.4# |
| 277 | 40.2 | 22.0 | 33.0# |