Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041123\
Data File : BN024836.D
Acq On : 11 Apr 2023 15:20
Operator : CG/JU
Sample : 02194-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 12 01:10:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 00:52:14 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.951 | 152 | 7686 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.759 | 136 | 22787 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.593 | 164 | 15253 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.338 | 188 | 31111 | 0.400 | ng/ul | # | 0.00 |
| 17) Chrysene-d12 | 21.538 | 240 | 27326 | 0.400 | ng/ul | # | 0.01 |
| 23) Perylene-d12 | 23.996 | 264 | 27037 | 0.400 | ng/ul | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.310 | 96 | 34517 | 4.113 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.349 | 152 | 10058 | 0.344 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.368 | 212 | 30390 | 0.448 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.344 | 88 | 202 | 0.022 | ng/ul | # | 1 |
| 5) Naphthalene | 10.809 | 128 | 1627 | 0.028 | ng/ul | # | 87 |
| 14) Pentachlorophenol | 17.043 | 266 | 448 | 0.068 | ng/ul | # | 19 |
| 15) Phenanthrene | 17.381 | 178 | 6455 | 0.074 | ng/ul | # | 3 |
| 20) Pyrene | 19.735 | 202 | 5473 | 0.057 | ng/ul | # | 1 |
| 26) Benzo(a)pyrene | 23.838 | 252 | 9073 | 0.101 | ng/ul | # | 51 |

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

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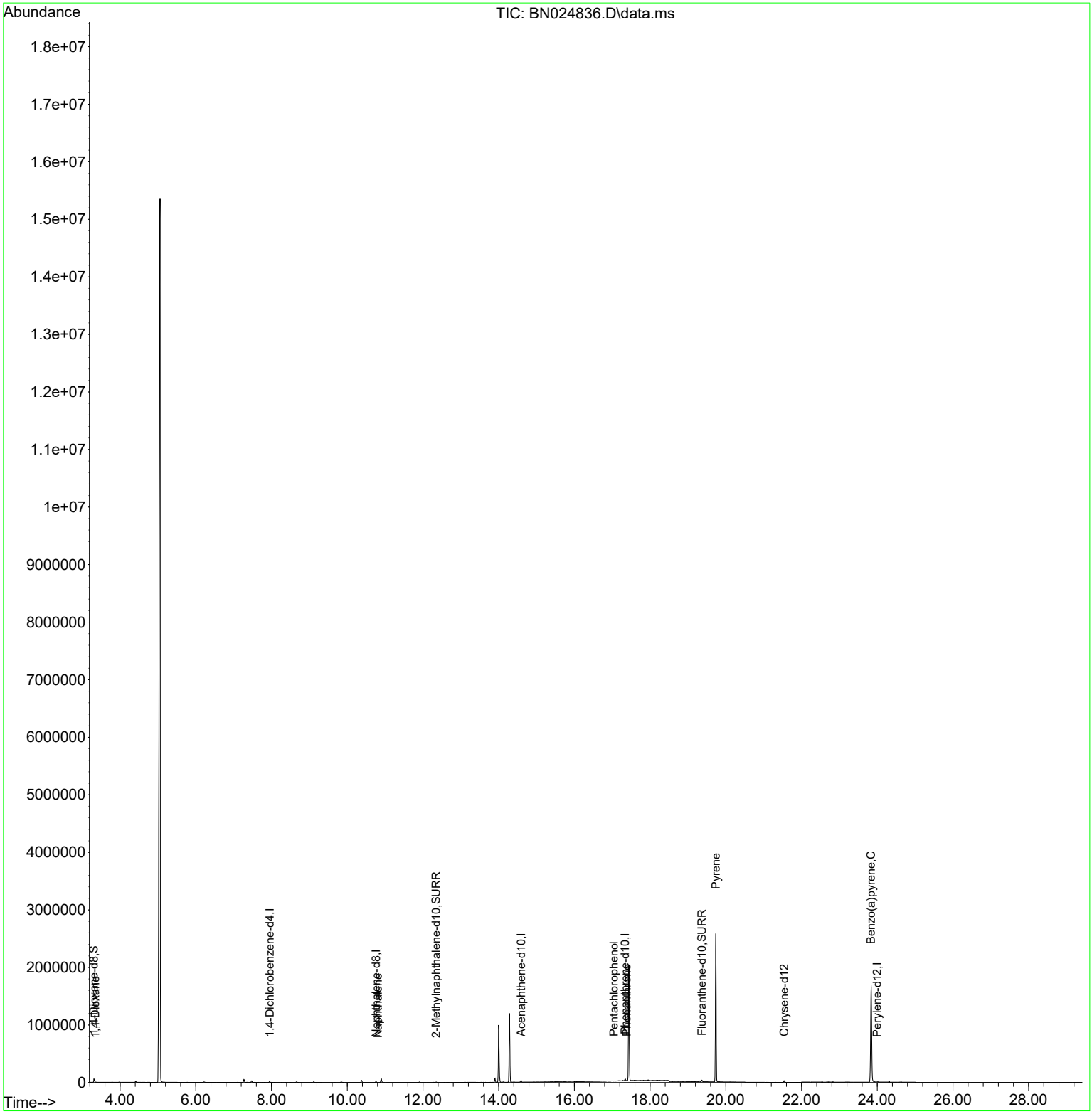
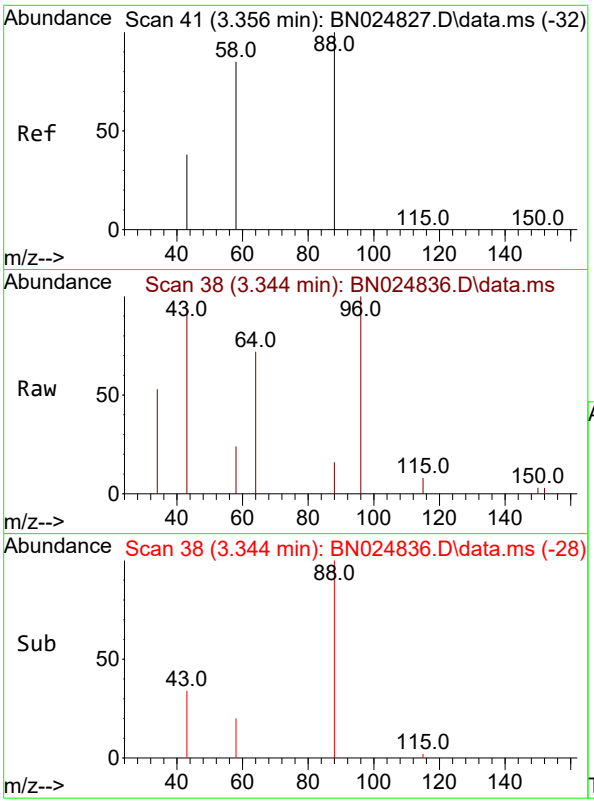


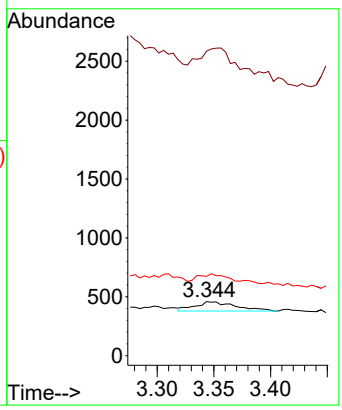


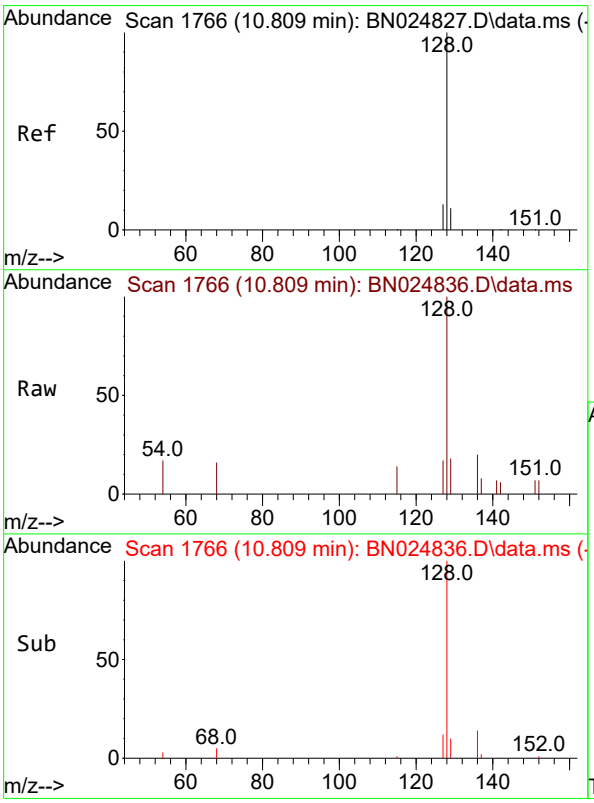

#2
1,4-Dioxane
Concen: 0.022 ng/ul
RT: 3.344 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN024836.D
Acq: 11 Apr 2023 15:20

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

Tgt Ion: 88 Resp: 202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 563.2 | 39.1 | 58.7# |
| 58 | 146.8 | 65.7 | 98.5# |

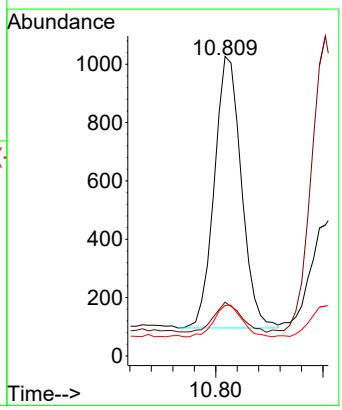


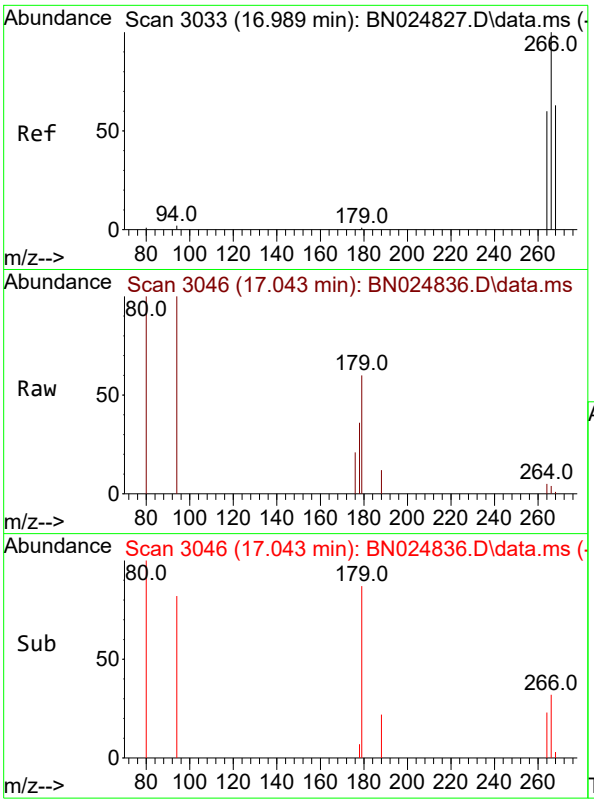




#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN024836.D
Acq: 11 Apr 2023 15:20

Tgt Ion:128 Resp: 1627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 17.9 | 9.1 | 13.7# |
| 127 | 16.8 | 10.5 | 15.7# |



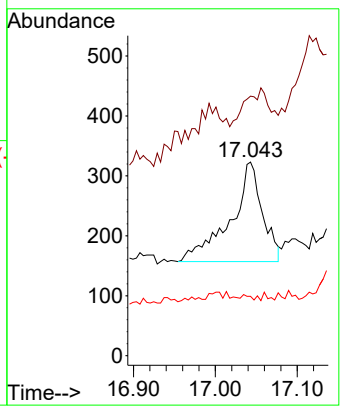


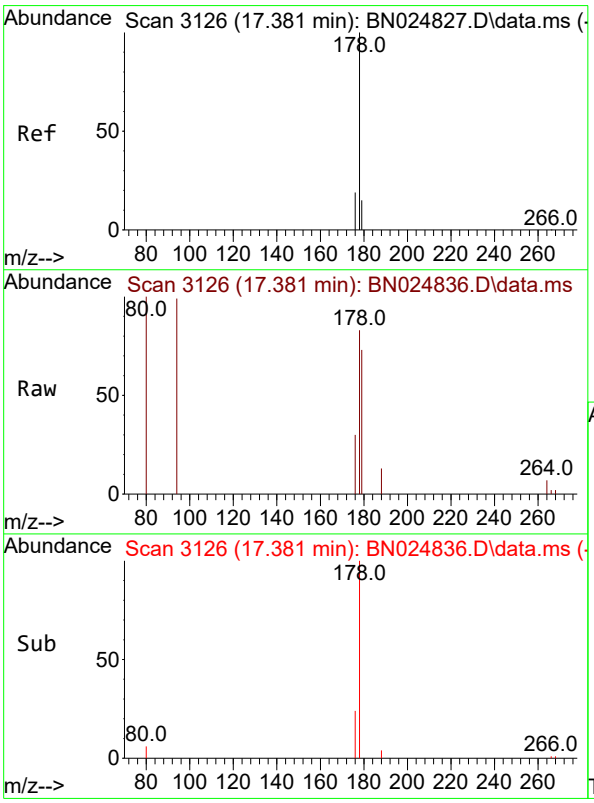

#14
Pentachlorophenol
Concen: 0.068 ng/ul
RT: 17.043 min Scan# 3
Delta R.T. 0.050 min
Lab File: BN024836.D
Acq: 11 Apr 2023 15:20

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

Tgt Ion:266 Resp: 448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 0.0 | 51.2 | 76.8# |
| 268 | 1.3 | 51.4 | 77.2# |

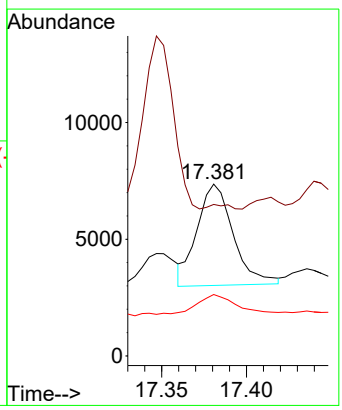


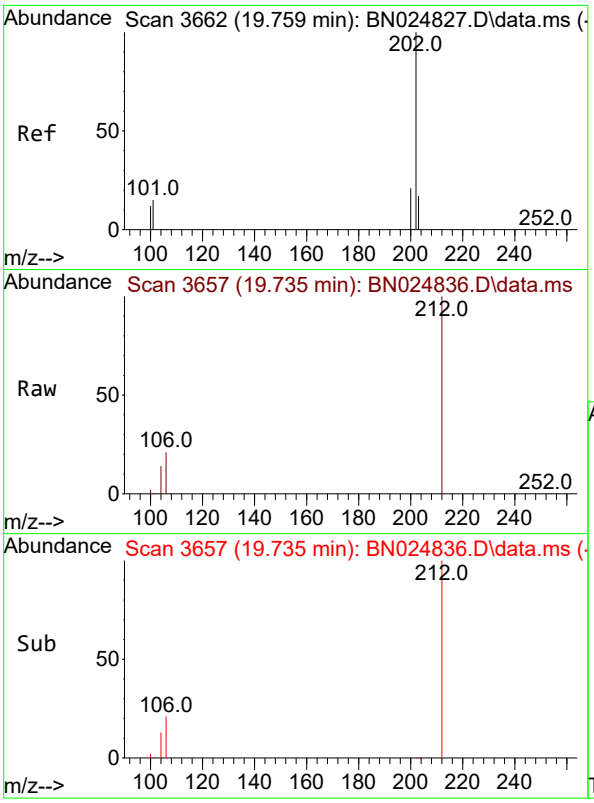




#15
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN024836.D
Acq: 11 Apr 2023 15:20

Tgt Ion:178 Resp: 6455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 88.1 | 12.3 | 18.5# |
| 176 | 35.7 | 15.4 | 23.0# |



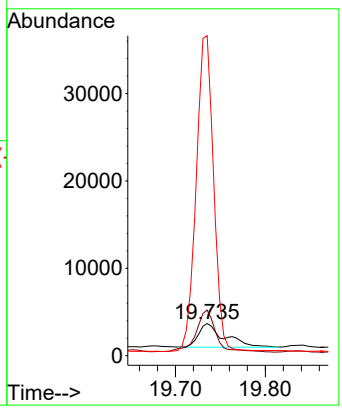


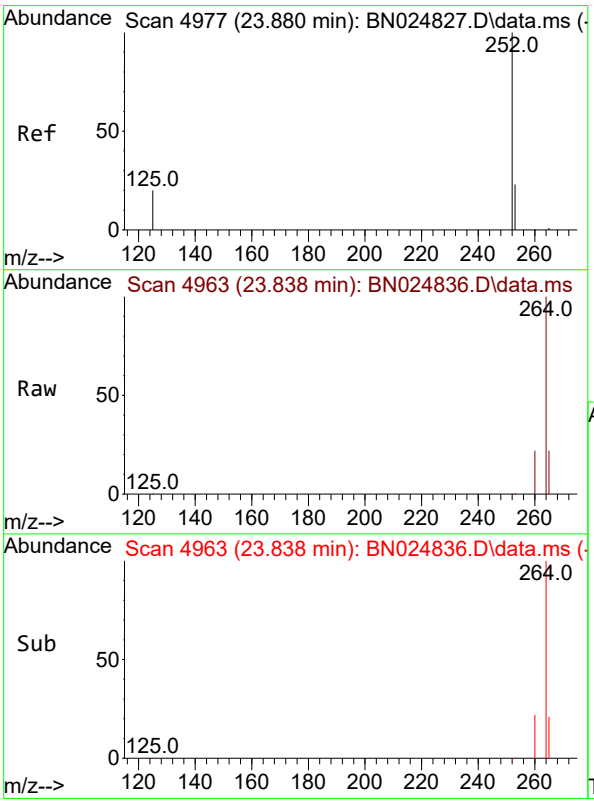

#20
Pyrene
Concen: 0.057 ng/ul
RT: 19.735 min Scan# 3
Delta R.T. -0.024 min
Lab File: BN024836.D
Acq: 11 Apr 2023 15:20

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

Tgt Ion:202 Resp: 5473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 141.4 | 11.8 | 17.8# |
| 100 | 993.3 | 9.5 | 14.3# |




#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.838 min Scan# 4963
Delta R.T. -0.030 min
Lab File: BN024836.D
Acq: 11 Apr 2023 15:20

Tgt Ion:252 Resp: 9073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 46.7 | 20.7 | 31.1# |
| 125 | 47.0 | 15.9 | 23.9# |