Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
Data File : BN027375.D
Acq On : 05 Sep 2023 14:52
Operator : MA/JU
Sample : 04134-08RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCHK1

Quant Time: Sep 06 00:42:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.059 | 152 | 3106 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.883 | 136 | 10737 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.689 | 164 | 6588 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.434 | 188 | 15043 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.618 | 240 | 12382 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.140 | 264 | 14157 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.414 | 96 | 24500 | 5.930 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.456 | 152 | 6500 | 0.399 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.455 | 212 | 18309 | 0.432 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.456 | 88 | 242 | 0.058 | ng/ul# | 61 |
| 10) Acenaphthylene | 14.416 | 152 | 1253 | 0.042 | ng/ul# | 71 |
| 14) Pentachlorophenol | 17.063 | 266 | 16799 | 5.728 | ng/ul | 99 |
| 16) Anthracene | 17.569 | 178 | 4441 | 0.114 | ng/ul | 92 |
| 20) Pyrene | 19.826 | 202 | 2939 | 0.051 | ng/ul# | 1 |
| 26) Benzo(a)pyrene | 23.977 | 252 | 7011 | 0.134 | ng/ul# | 68 |

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

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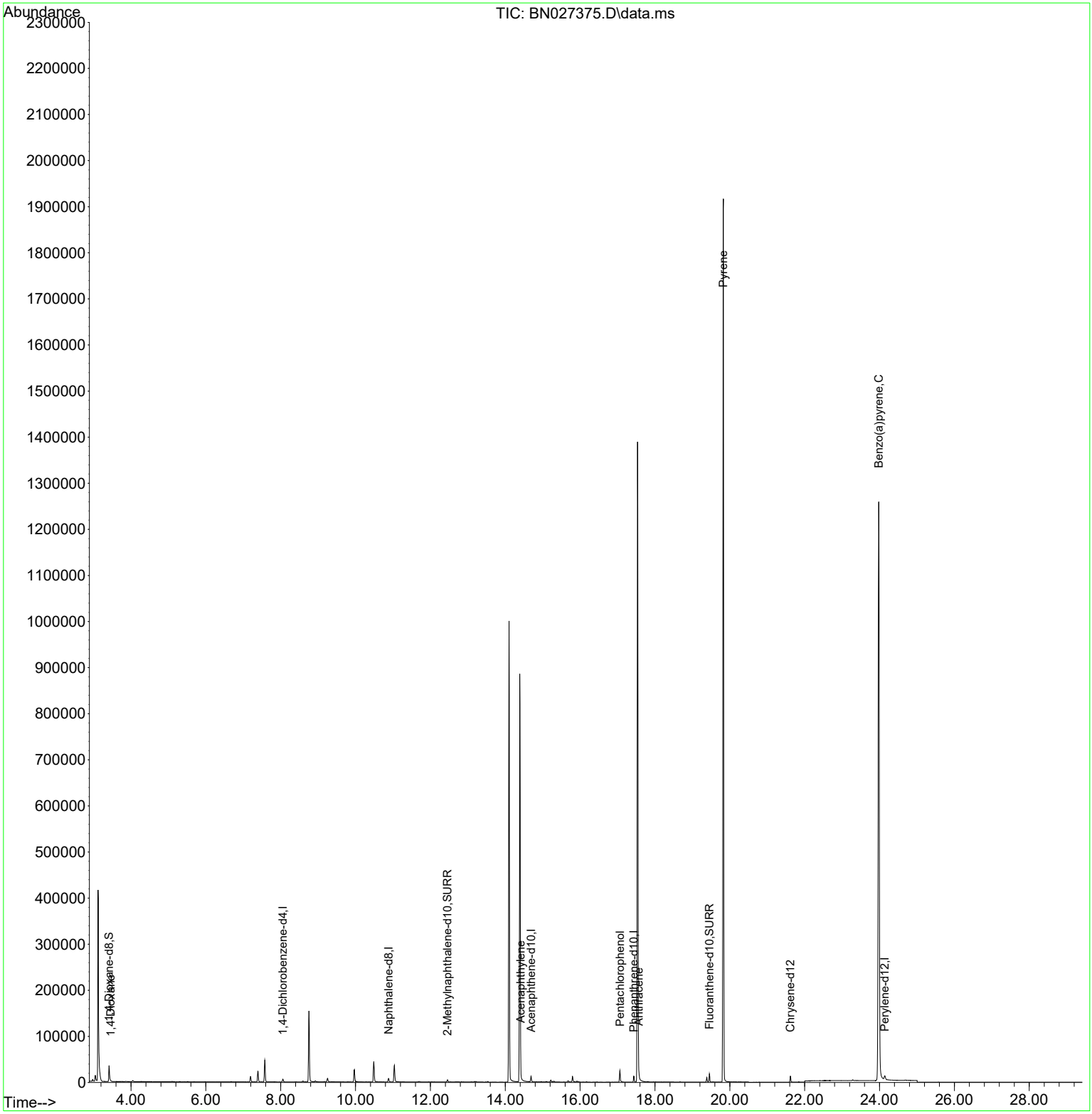
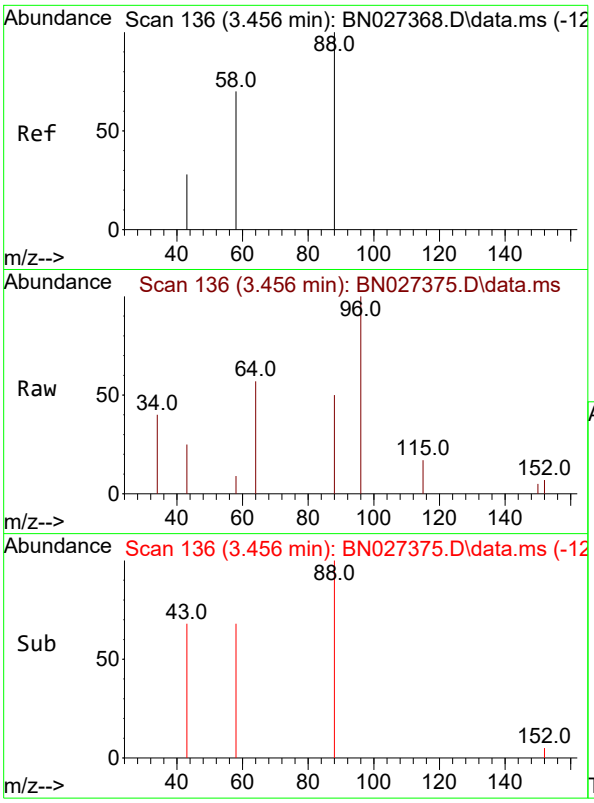


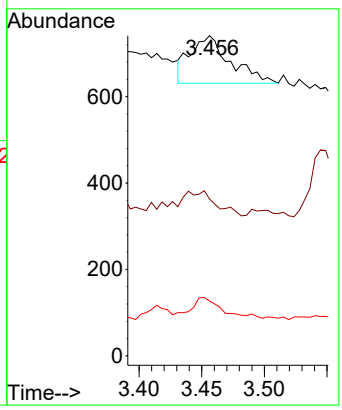


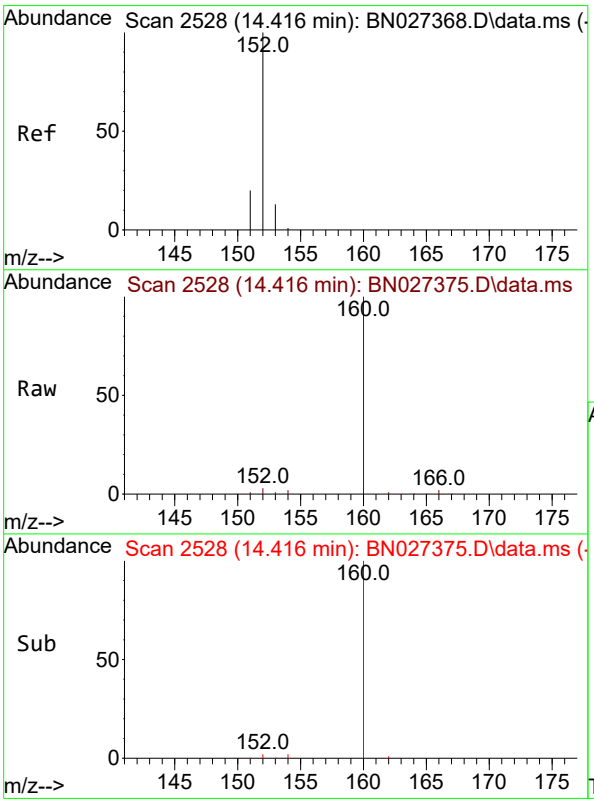

#2
1,4-Dioxane
Concen: 0.058 ng/ul
RT: 3.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027375.D
Acq: 05 Sep 2023 14:52

**Instrument :**
BNA_N
**ClientSampleId :**
DCHK1

Tgt Ion: 88 Resp: 242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 49.0 | 26.8 | 40.2# |
| 58 | 17.1 | 39.9 | 59.9# |

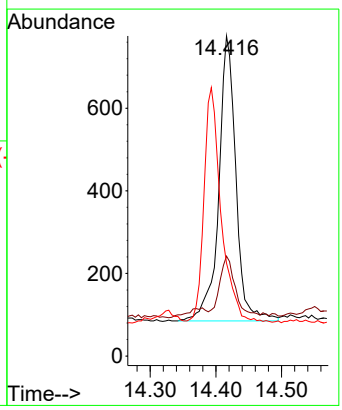


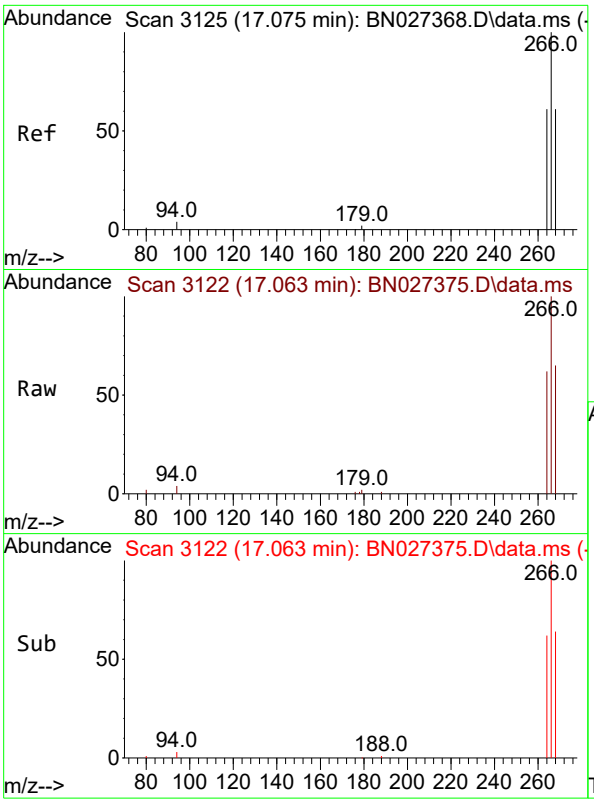




#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027375.D
Acq: 05 Sep 2023 14:52

Tgt Ion:152 Resp: 1253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 31.2 | 16.3 | 24.5# |
| 153 | 29.0 | 11.1 | 16.7# |



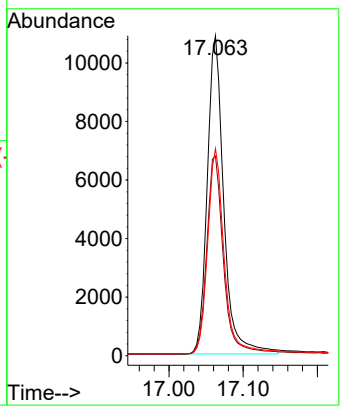


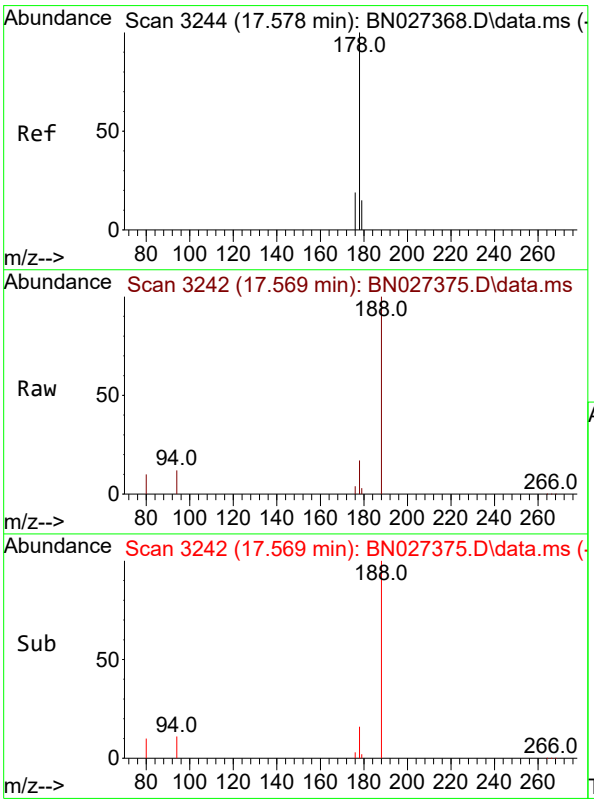

#14
Pentachlorophenol
Concen: 5.728 ng/ul
RT: 17.063 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN027375.D
Acq: 05 Sep 2023 14:52

**Instrument :**
BNA_N
**ClientSampleId :**
DCHK1

Tgt Ion:266 Resp: 16799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.1 | 50.4 | 75.6 |
| 268 | 64.2 | 51.9 | 77.9 |

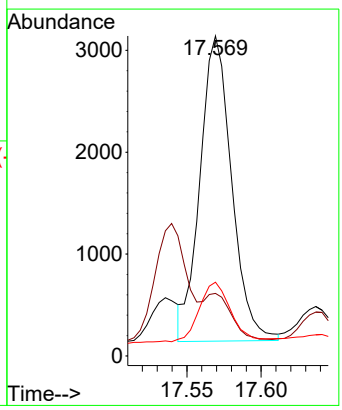


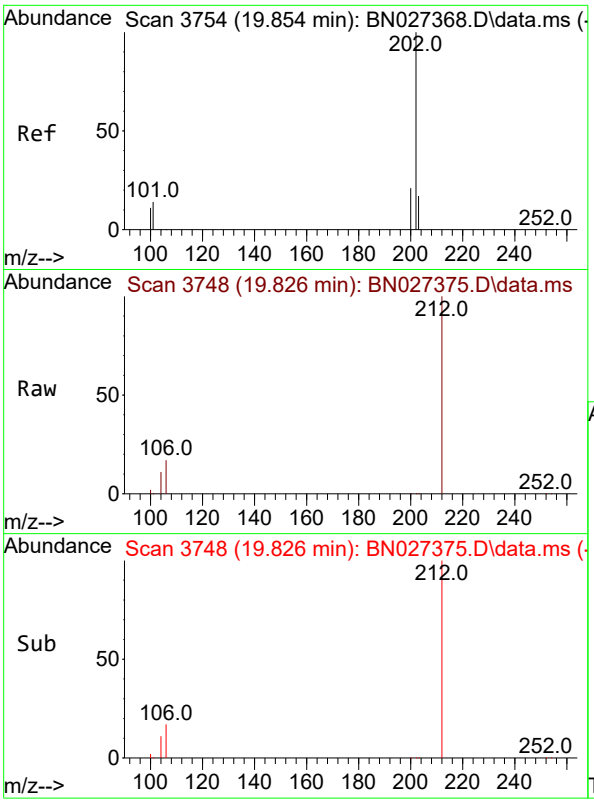




#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.569 min Scan# 3242
Delta R.T. -0.004 min
Lab File: BN027375.D
Acq: 05 Sep 2023 14:52

Tgt Ion:178 Resp: 4441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 19.5 | 13.0 | 19.6 |
| 176 | 23.0 | 15.6 | 23.4 |



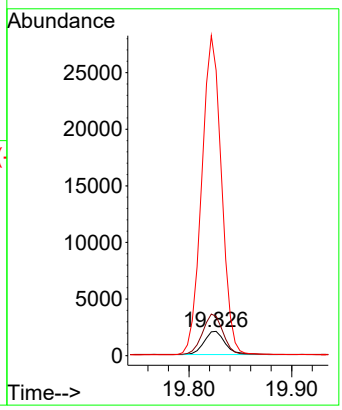


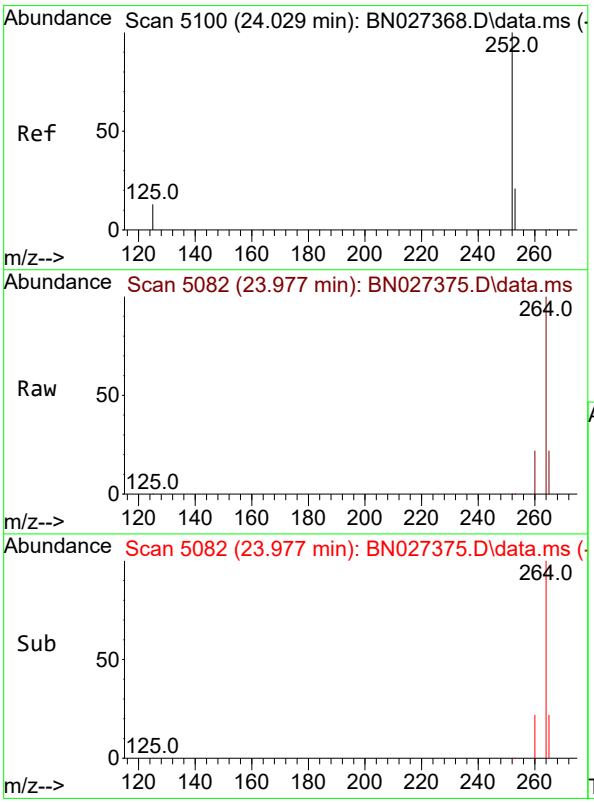

#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.826 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN027375.D
Acq: 05 Sep 2023 14:52

**Instrument :**
BNA_N
**ClientSampleId :**
DCHK1

Tgt Ion:202 Resp: 2939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 161.8 | 11.4 | 17.2# |
| 100 | 1173.9 | 9.4 | 14.2# |




#26
Benzo(a)pyrene
Concen: 0.134 ng/ul
RT: 23.977 min Scan# 5082
Delta R.T. -0.041 min
Lab File: BN027375.D
Acq: 05 Sep 2023 14:52

Tgt Ion:252 Resp: 7011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 42.1 | 22.4 | 33.6# |
| 125 | 40.1 | 17.4 | 26.2# |