Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
Data File : BN011714.D
Acq On : 04 Sep 2020 23:34
Operator : CG/JU
Sample : L3840-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 05 02:00:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:53:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 3030 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.52 | 136 | 12044 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.38 | 164 | 7068 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 0.00 | 188 | 0 | 0.00 | ng/ul | -17.12 |
| 16) Chrysene-d12 | 21.31 | 240 | 12732 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.57 | 264 | 13004 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.12 | 152 | 6145 | 0.36 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.15 | 212 | 12579 | 0.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 18) Benzo(a)anthracene | 21.30 | 228 | 1041 | 0.024 | ng/ul# | 88 |
| 19) Chrysene | 21.35 | 228 | 1672 | 0.029 | ng/ul# | 91 |
| 21) Benzo(b)fluoranthene | 22.89 | 252 | 3044 | 0.054 | ng/ul# | 29 |
| 22) Benzo(k)fluoranthene | 22.89 | 252 | 3077 | 0.049 | ng/ul# | 29 |
| 23) Benzo(a)pyrene | 23.47 | 252 | 1335 | 0.028 | ng/ul# | 32 |

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

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**Instrument :**
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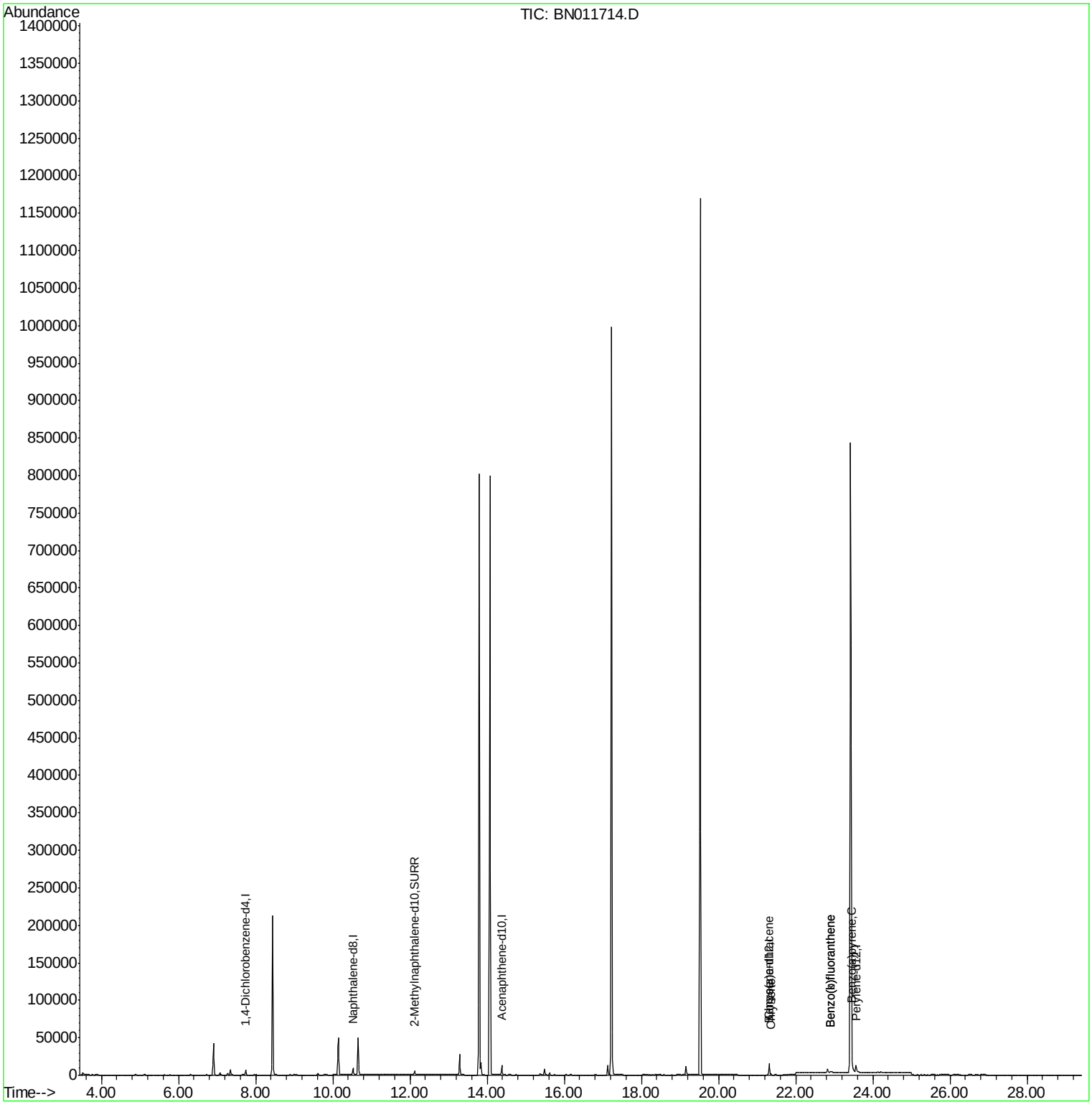
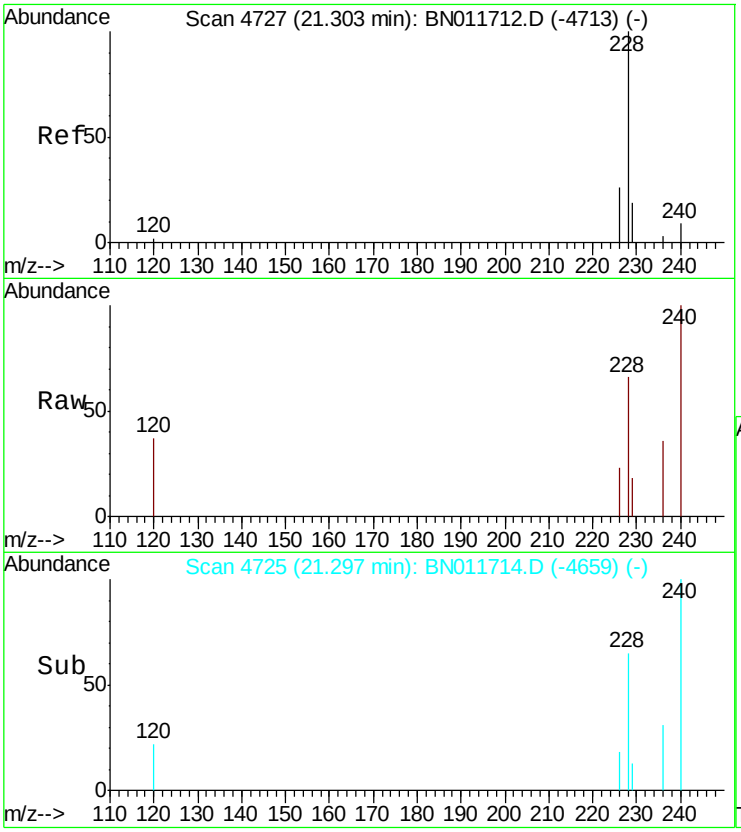
Quant Time: Sep 05 02:00:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 05 01:53:42 2020
Response via : Initial Calibration



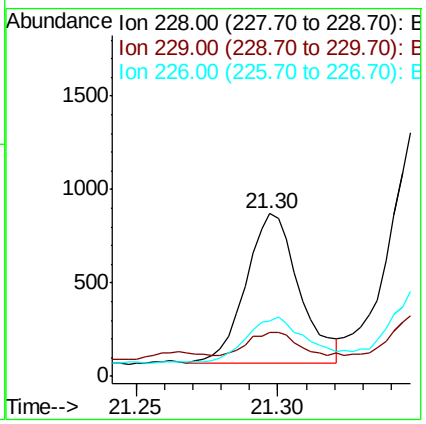


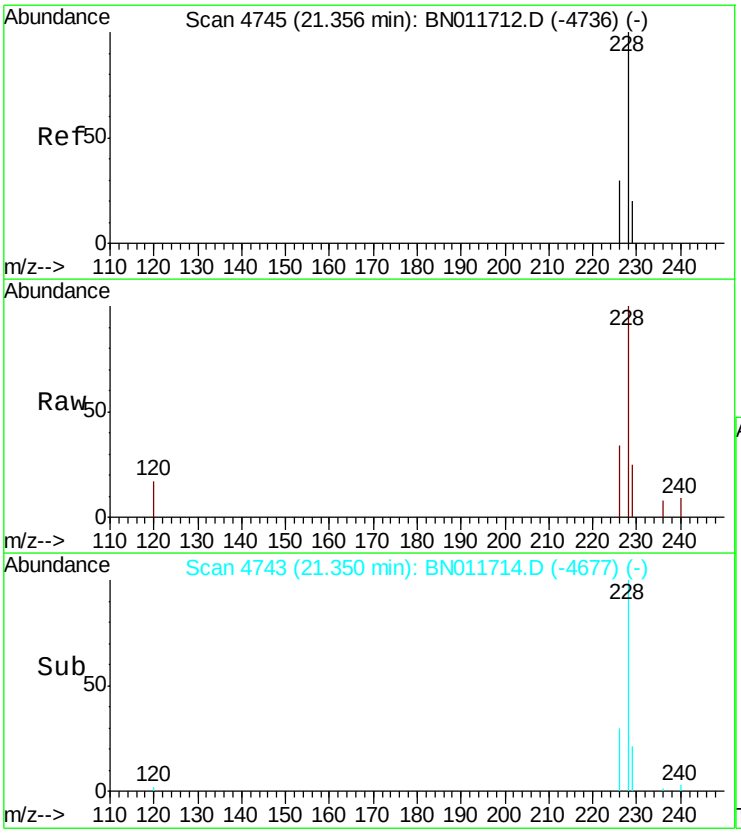

#18
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.30 min Scan# 4725
Delta R.T. -0.01 min
Lab File: BN011714.D
Acq: 04 Sep 2020 23:34

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

Tgt Ion:228 Resp: 1041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 27.3 | 16.7 | 25.1# |
| 226 | 34.4 | 22.9 | 34.3# |

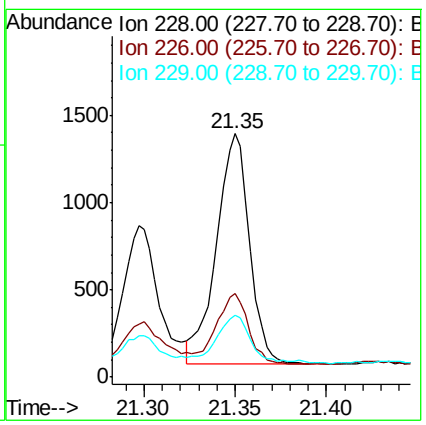


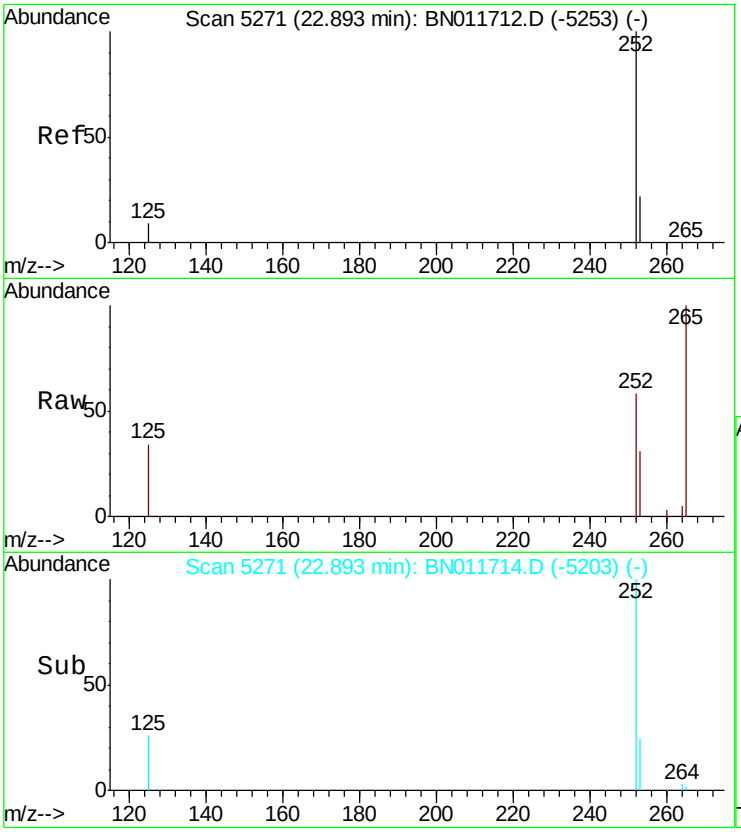




#19
Chrysene
Concen: 0.029 ng/ul
RT: 21.35 min Scan# 4743
Delta R.T. -0.01 min
Lab File: BN011714.D
Acq: 04 Sep 2020 23:34

Tgt Ion:228 Resp: 1672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.3 | 24.1 | 36.1 |
| 229 | 25.2 | 16.4 | 24.6# |



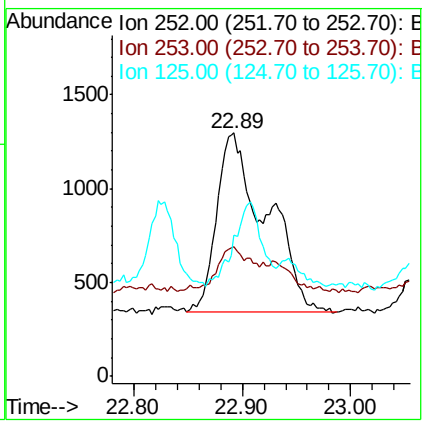


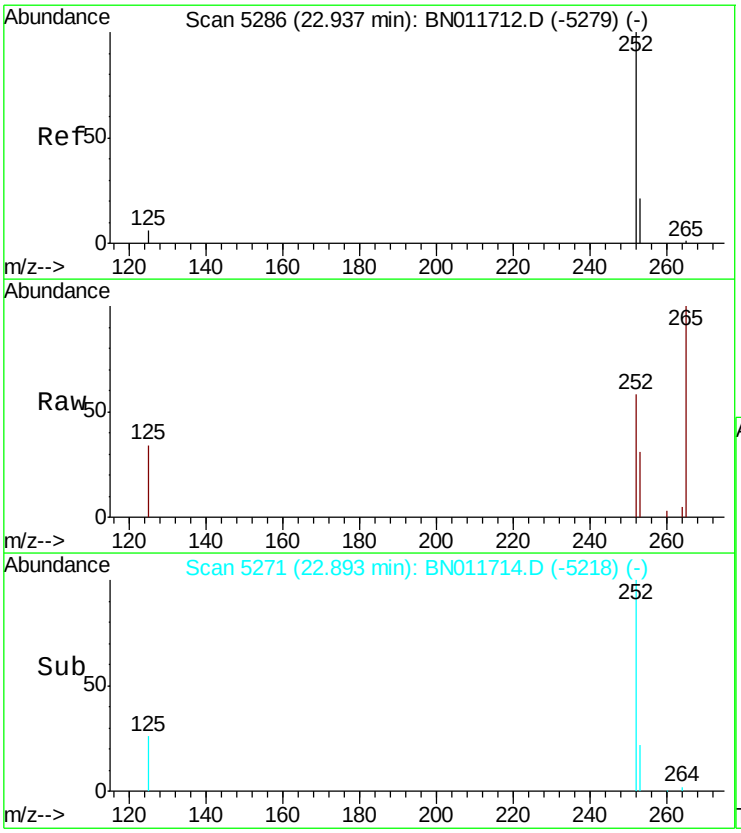

#21
Benzo(b)fluoranthene
Concen: 0.054 ng/ul
RT: 22.89 min Scan# 5271
Delta R.T. -0.00 min
Lab File: BN011714.D
Acq: 04 Sep 2020 23:34

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

Tgt Ion:252 Resp: 3044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 53.1 | 0.0 | 54.8 |
| 125 | 58.2 | 0.0 | 22.2# |

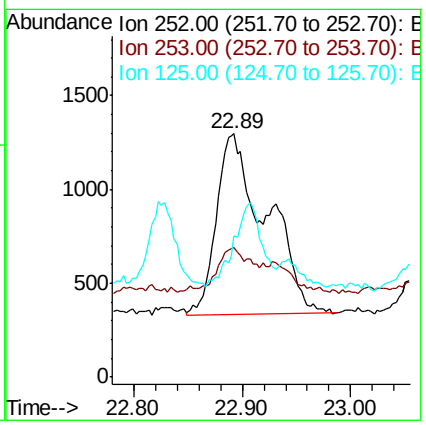


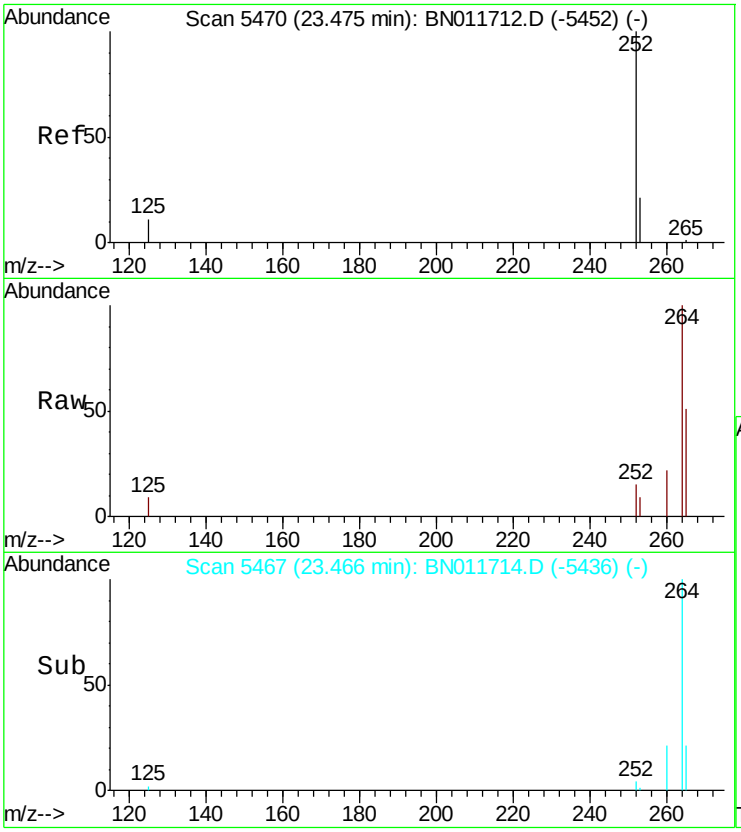




#22
Benzo(k)fluoranthene
Concen: 0.049 ng/ul
RT: 22.89 min Scan# 5271
Delta R.T. -0.04 min
Lab File: BN011714.D
Acq: 04 Sep 2020 23:34

Tgt Ion:252 Resp: 3077

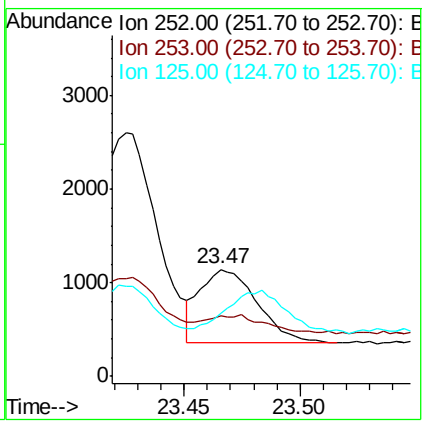
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 53.1 | 21.8 | 32.6# |
| 125 | 58.2 | 9.1 | 13.7# |






#23
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.47 min Scan# 5467
Delta R.T. -0.01 min
Lab File: BN011714.D
Acq: 04 Sep 2020 23:34

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

Tgt Ion:252 Resp: 1335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 56.4 | 24.4 | 36.6# |
| 125 | 59.4 | 11.1 | 16.7# |