Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023421.D
Acq On : 24 Dec 2022 21:26
Operator : CG/JU
Sample : N6015-20
Misc :
ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Dec 25 04:20:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.990 | 152 | 6279 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.804 | 136 | 20724 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.636 | 164 | 12255 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 17.386 | 188 | 28796 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.574 | 240 | 19167 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 24.023 | 264 | 14849 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.340 | 96 | 22984 | 3.369 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.393 | 152 | 8162 | 0.255 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.416 | 212 | 19408 | 0.280 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.854 | 128 | 1604 | 0.026 | ng/ul# | 82 |
| 7) 2-Methylnaphthalene | 12.465 | 142 | 795 | 0.020 | ng/ul | 96 |
| 10) Acenaphthylene | 14.358 | 152 | 1294 | 0.024 | ng/ul# | 75 |
| 15) Phenanthrene | 17.428 | 178 | 15553 | 0.166 | ng/ul | 98 |
| 16) Anthracene | 17.521 | 178 | 2226 | 0.029 | ng/ul# | 84 |
| 19) Fluoranthene | 19.443 | 202 | 49352 | 0.531 | ng/ul# | 94 |
| 20) Pyrene | 19.811 | 202 | 40398 | 0.431 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.556 | 228 | 21242 | 0.285 | ng/ul | 95 |
| 22) Chrysene | 21.612 | 228 | 25695 | 0.339 | ng/ul# | 95 |
| 24) Benzo(b)fluoranthene | 23.272 | 252 | 49145 | 0.640 | ng/ul | 82 |
| 26) Benzo(a)pyrene | 23.915 | 252 | 21855 | 0.359 | ng/ul# | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.579 | 276 | 18620 | 0.262 | ng/ul# | 90 |
| 28) Dibenzo(a,h)anthracene | 26.592 | 278 | 4609 | 0.084 | ng/ul# | 47 |
| 29) Benzo(g,h,i)perylene | 27.370 | 276 | 18875 | 0.326 | ng/ul# | 92 |

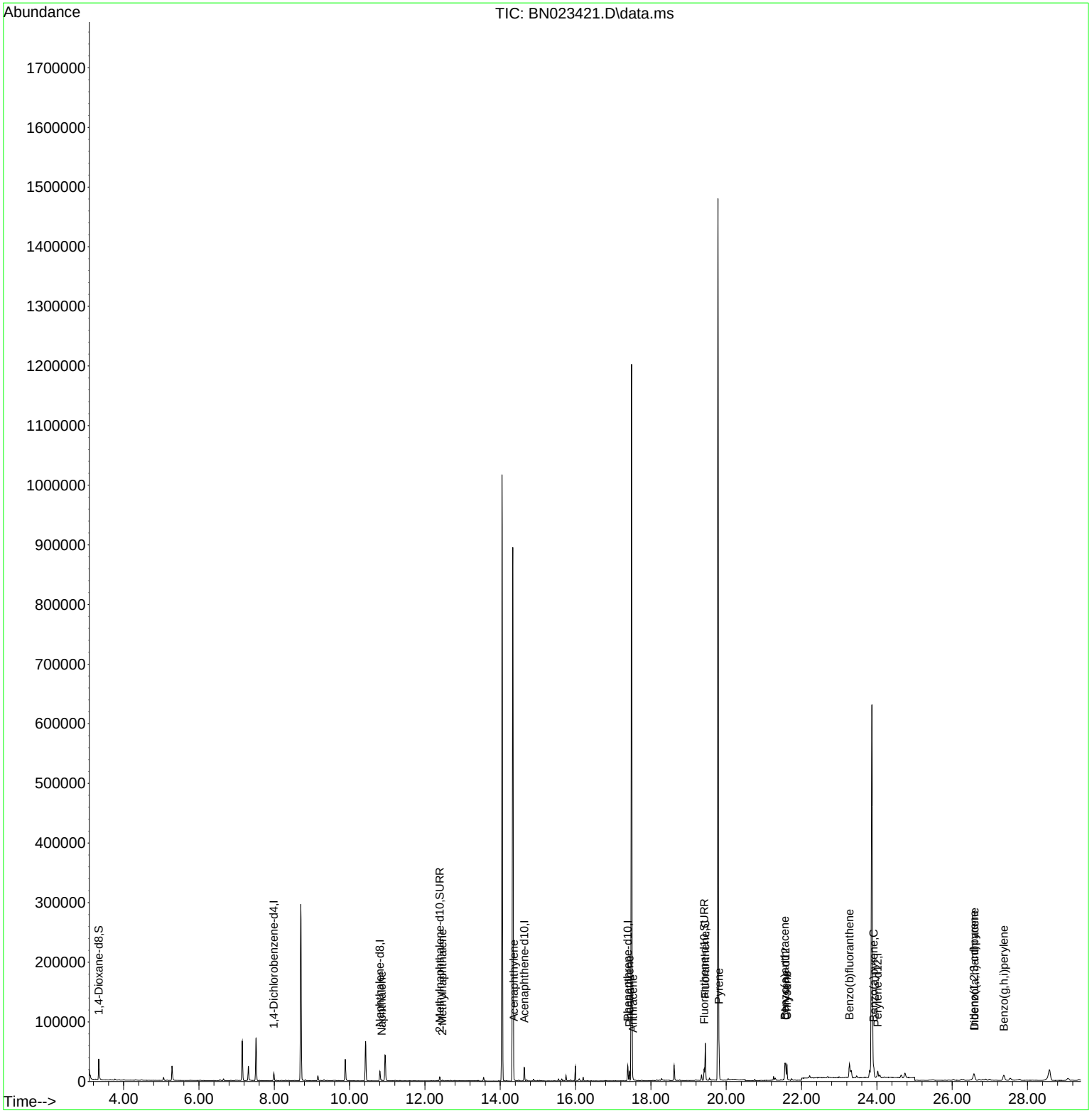
(#) = qualifier out of range (m) = manual integration (+) = signals summed

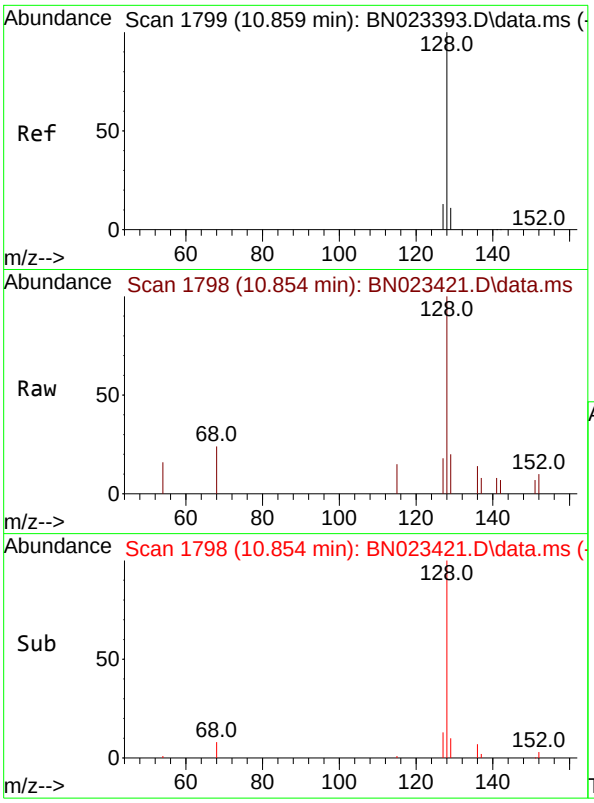
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023421.D
Acq On : 24 Dec 2022 21:26
Operator : CG/JU
Sample : N6015-20
Misc :
ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Dec 25 04:20:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



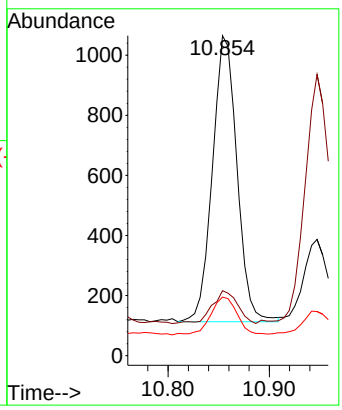


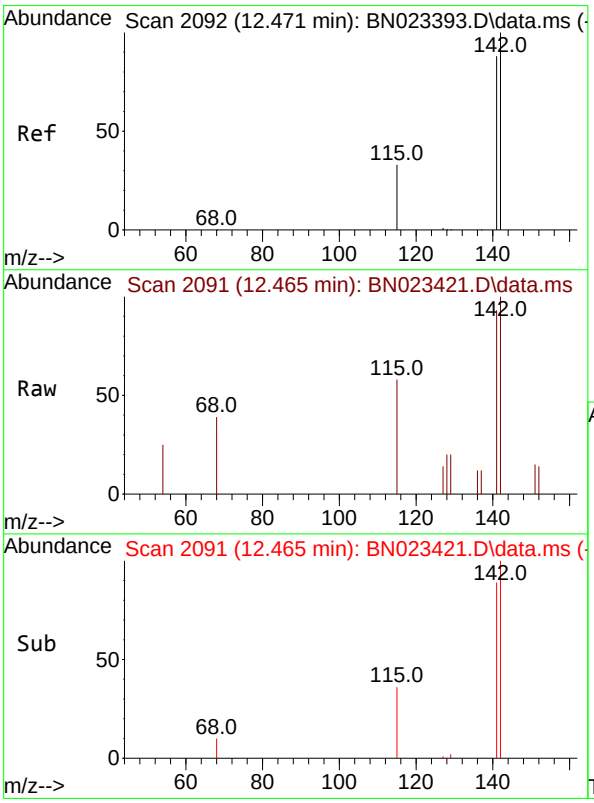

#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.854 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

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

Tgt Ion:128 Resp: 1604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 20.3 | 9.0 | 13.4# |
| 127 | 18.3 | 10.7 | 16.1# |

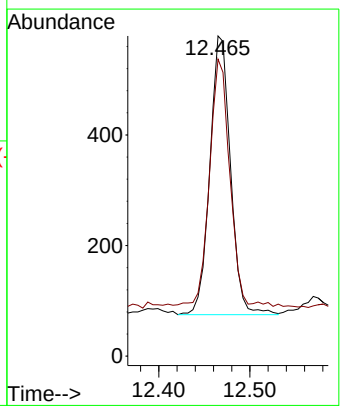


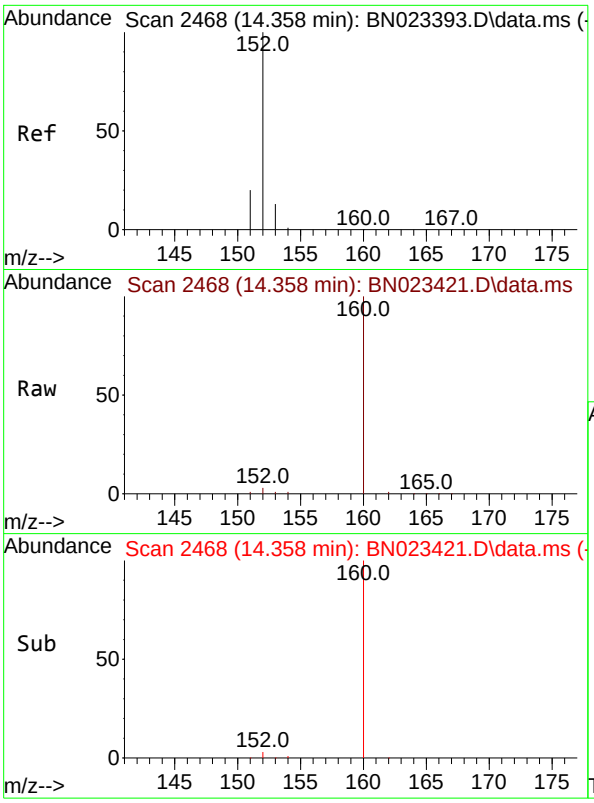




#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

Tgt Ion:142 Resp: 795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.9 | 71.4 | 107.2 |



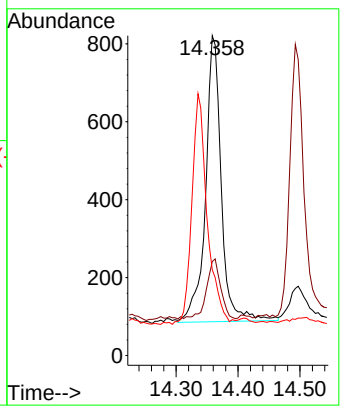


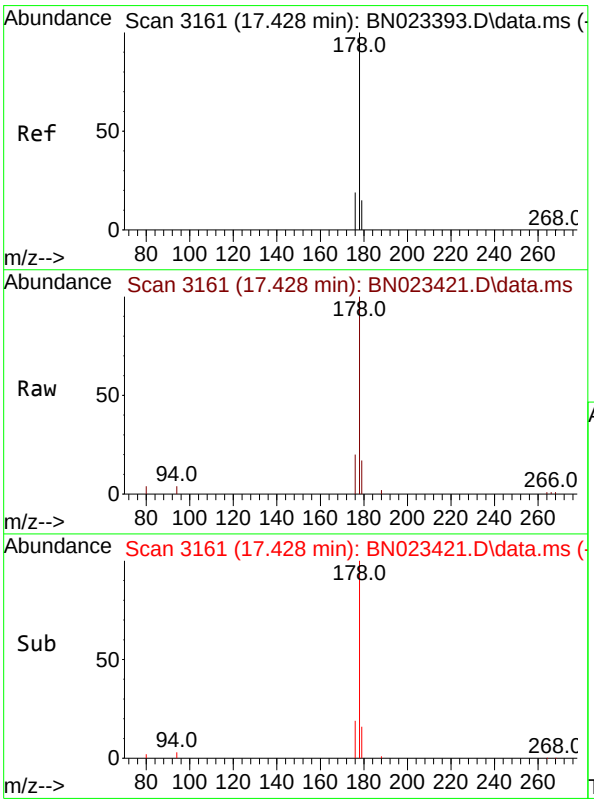

#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.358 min Scan# 24
Delta R.T. -0.010 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

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

Tgt Ion:152 Resp: 1294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 29.4 | 16.1 | 24.1# |
| 153 | 26.8 | 10.9 | 16.3# |

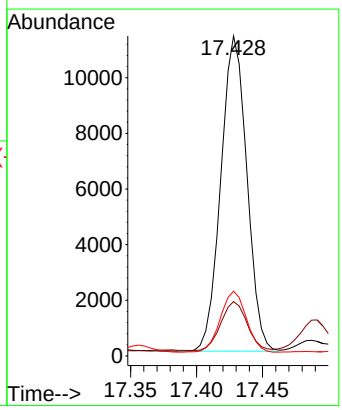


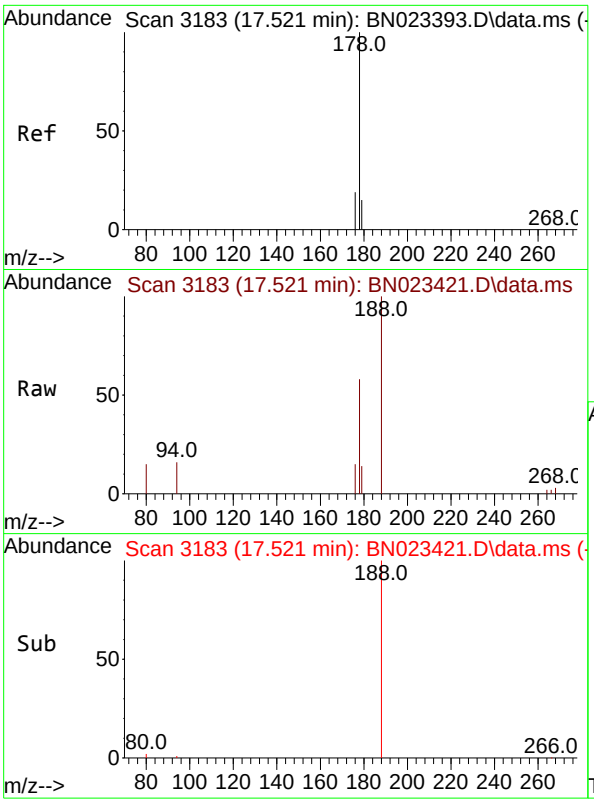




#15
Phenanthrene
Concen: 0.166 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

Tgt Ion:178 Resp: 15553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 17.0 | 12.5 | 18.7 |
| 176 | 20.3 | 15.7 | 23.5 |



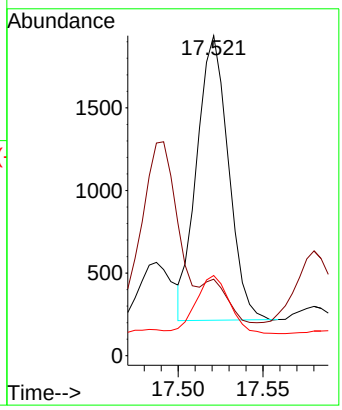


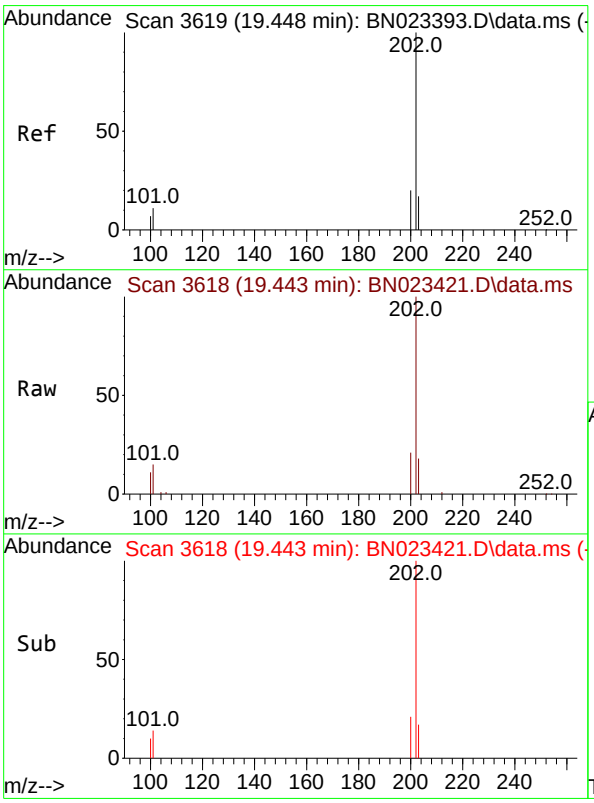

#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.521 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

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

Tgt Ion:178 Resp: 2226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 23.9 | 12.6 | 18.8# |
| 176 | 25.0 | 15.4 | 23.0# |

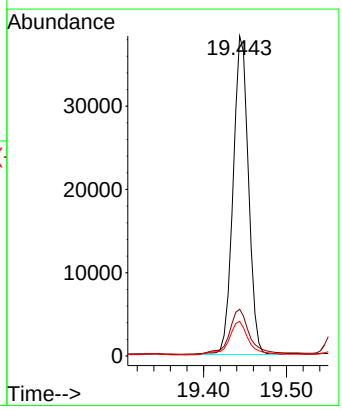


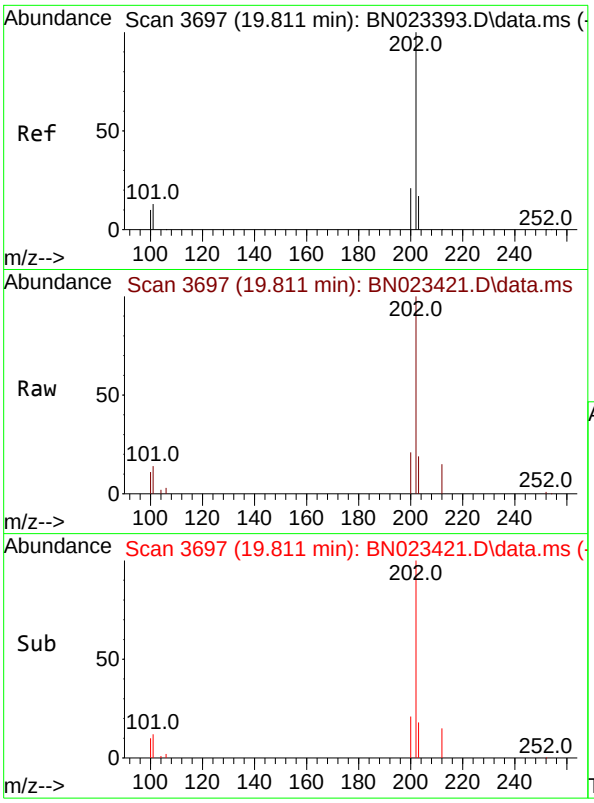




#19
Fluoranthene
Concen: 0.531 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

Tgt Ion:202 Resp: 49352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.6 | 9.4 | 14.2# |
| 100 | 10.8 | 7.0 | 10.6# |



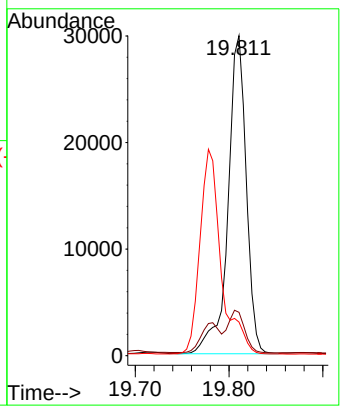


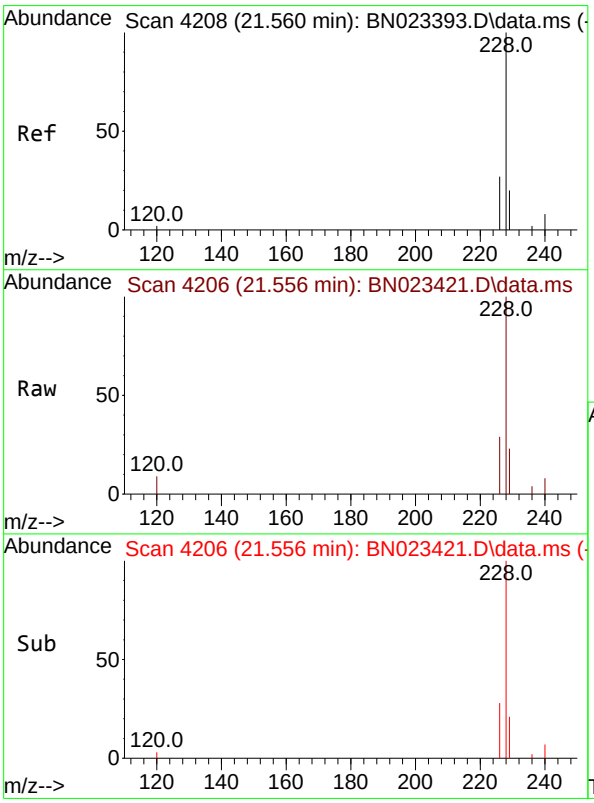

#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.811 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

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

Tgt Ion:202 Resp: 40398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.5 | 11.3 | 16.9 |
| 100 | 10.5 | 9.0 | 13.4 |

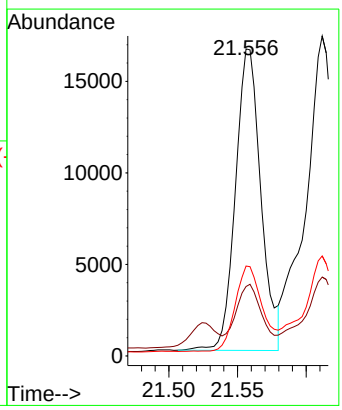


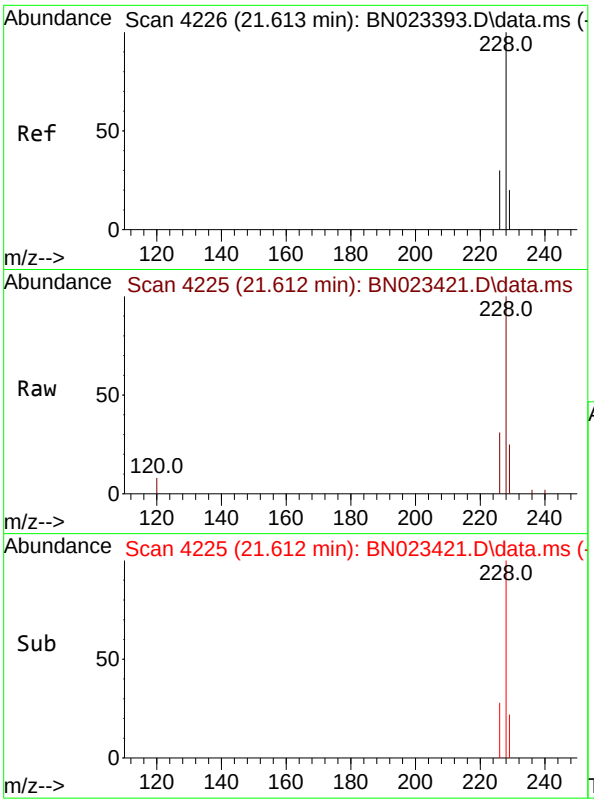




#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.556 min Scan# 4206
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

Tgt Ion:228 Resp: 21242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.6 | 15.6 | 23.4 |
| 226 | 29.3 | 22.2 | 33.2 |



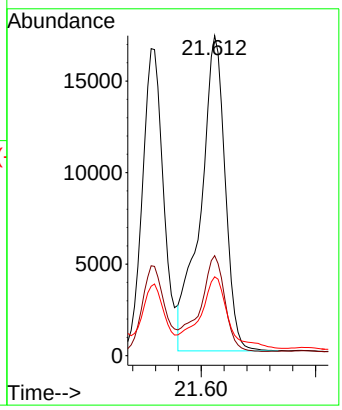


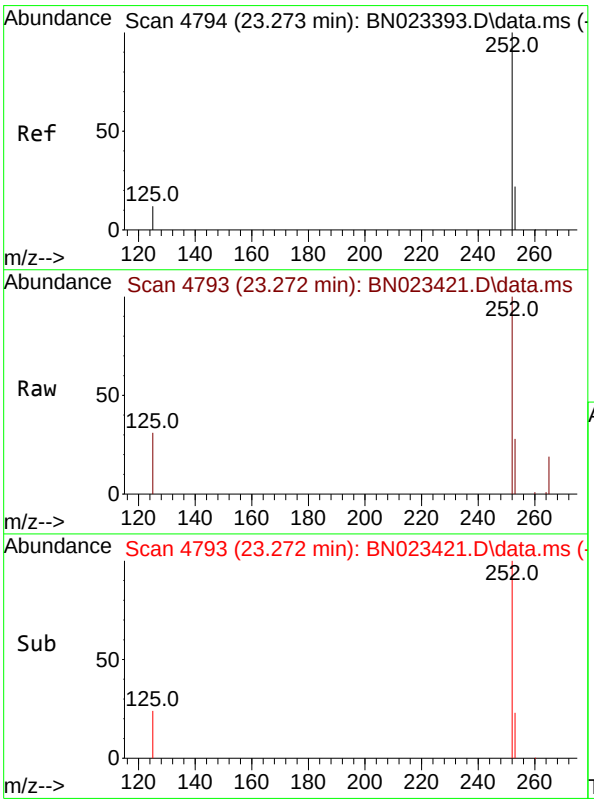

#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.612 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

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

Tgt Ion:228 Resp: 25695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 24.3 | 36.5 |
| 229 | 24.7 | 15.8 | 23.6# |

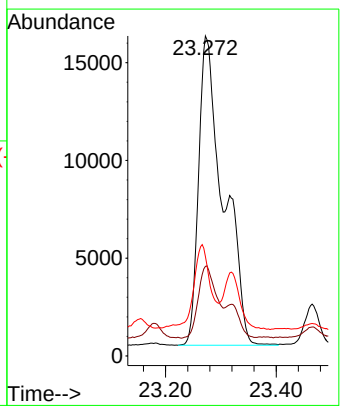


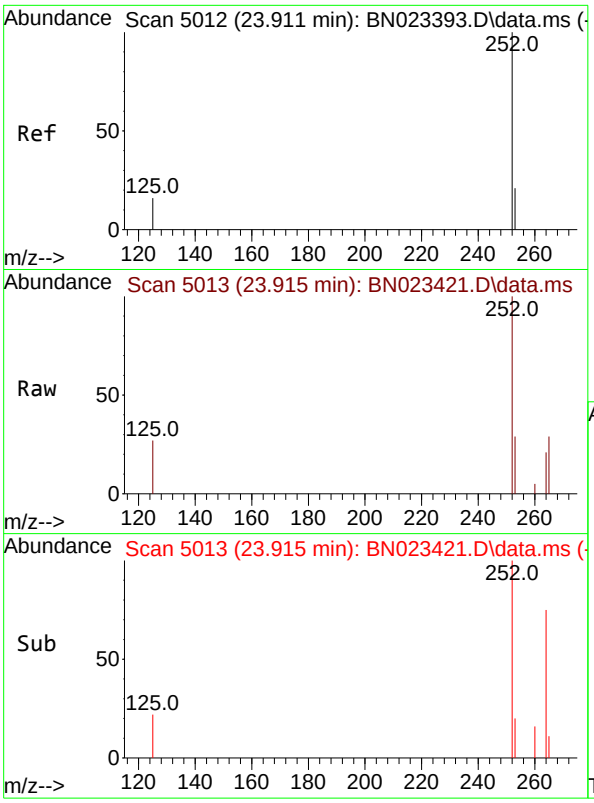




#24
Benzo(b)fluoranthene
Concen: 0.640 ng/ul
RT: 23.272 min Scan# 4793
Delta R.T. -0.002 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

Tgt Ion:252 Resp: 49145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.0 | 0.0 | 49.2 |
| 125 | 31.1 | 0.0 | 31.8 |



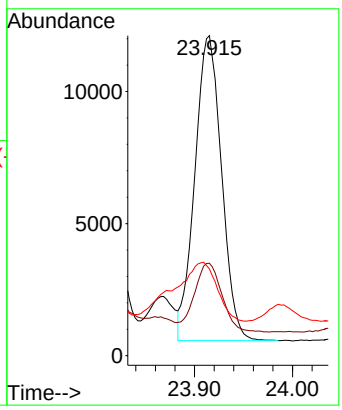


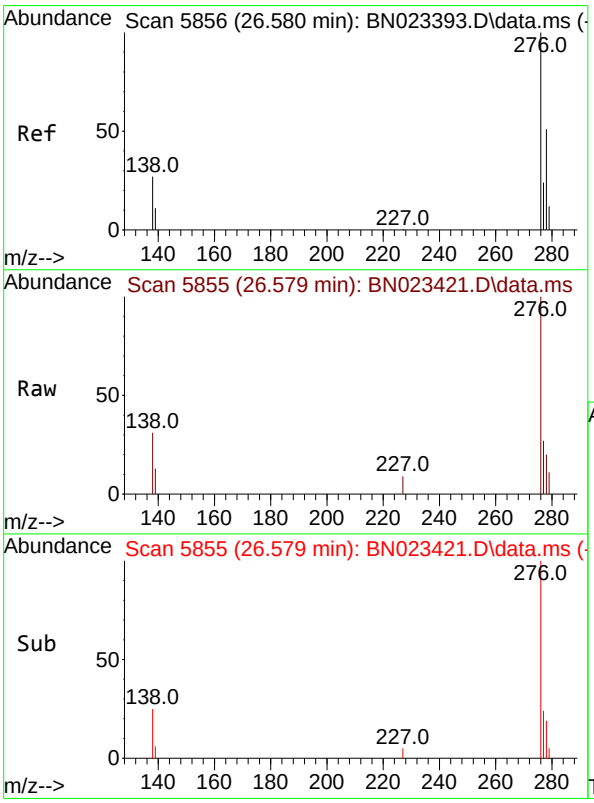

#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.915 min Scan# 5
Delta R.T. 0.001 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

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

Tgt Ion:252 Resp: 21855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.9 | 21.4 | 32.2 |
| 125 | 27.2 | 16.2 | 24.4# |

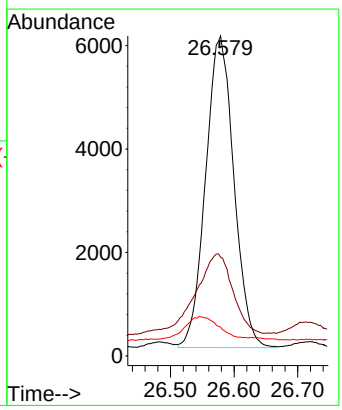


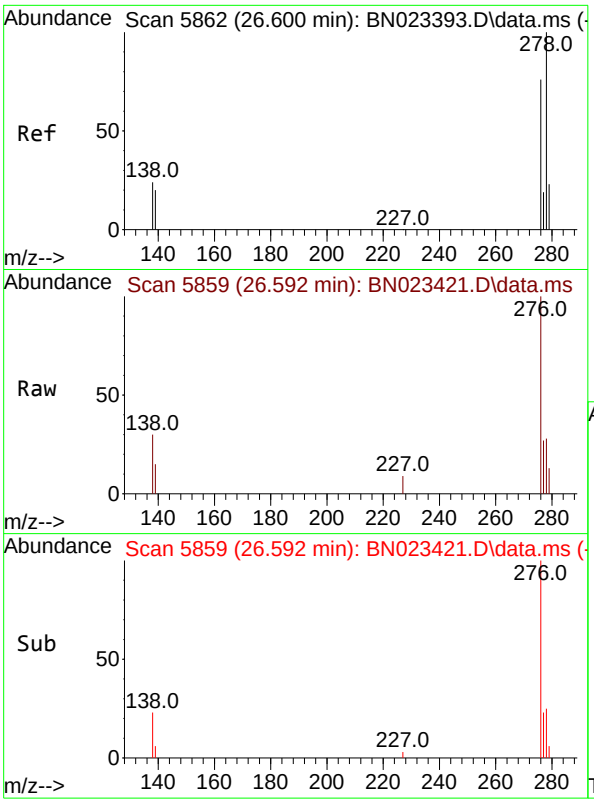




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.579 min Scan# 5855
Delta R.T. 0.001 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

Tgt Ion:276 Resp: 18620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 34.8 | 23.4 | 35.2 |
| 227 | 0.0 | 0.0 | 0.0 |



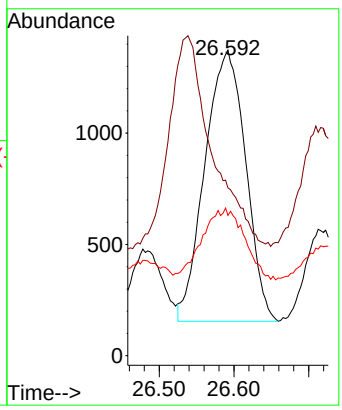


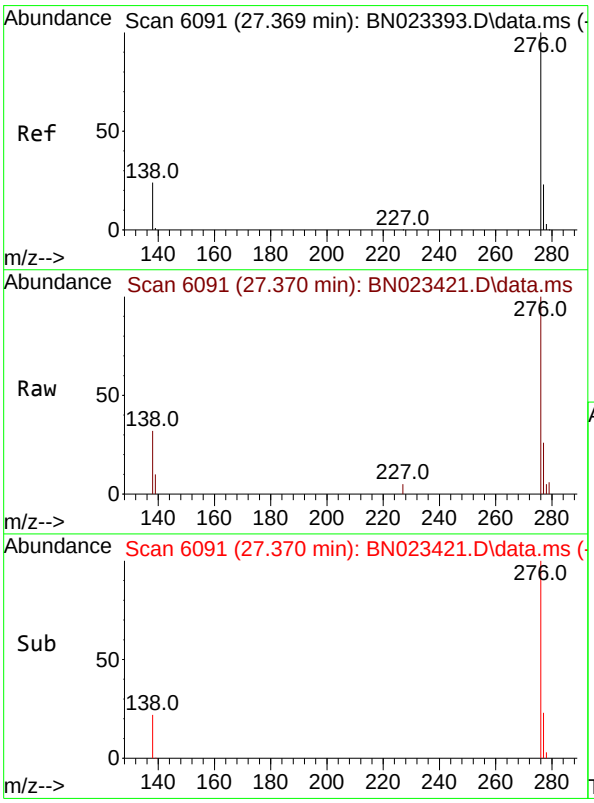

#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 26.592 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

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

Tgt Ion:278 Resp: 4609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 54.9 | 16.6 | 24.8# |
| 279 | 46.0 | 21.3 | 31.9# |




#29
Benzo(g,h,i)perylene
Concen: 0.326 ng/ul
RT: 27.370 min Scan# 6091
Delta R.T. 0.001 min
Lab File: BN023421.D
Acq: 24 Dec 2022 21:26

Tgt Ion:276 Resp: 18875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 31.8 | 20.3 | 30.5# |
| 277 | 25.8 | 19.7 | 29.5 |