Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021324\
Data File : BN029724.D
Acq On : 12 Feb 2024 21:26
Operator : MA/JU
Sample : P1402-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0AA9

Quant Time: Feb 12 23:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.876 | 152 | 5271 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.672 | 136 | 14825 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.516 | 164 | 6657 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.268 | 188 | 11635 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.470 | 240 | 7825 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.837 | 264 | 10607 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.328 | 96 | 32598 | 4.960 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.267 | 152 | 8456 | 0.448 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.304 | 212 | 12577 | 0.489 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.366 | 88 | 253 | 0.035 | ng/ul# | 60 |
| 15) Phenanthrene | 17.310 | 178 | 1047 | 0.029 | ng/ul# | 82 |
| 19) Fluoranthene | 19.332 | 202 | 2778 | 0.077 | ng/ul# | 91 |
| 20) Pyrene | 19.694 | 202 | 2526 | 0.069 | ng/ul# | 84 |
| 21) Benzo(a)anthracene | 21.452 | 228 | 568 | 0.020 | ng/ul# | 71 |
| 22) Chrysene | 21.505 | 228 | 1729 | 0.056 | ng/ul# | 90 |
| 24) Benzo(b)fluoranthene | 23.118 | 252 | 3916 | 0.098 | ng/ul# | 49 |
| 26) Benzo(a)pyrene | 23.729 | 252 | 971 | 0.026 | ng/ul# | 22 |
| 27) Indeno(1,2,3-cd)pyrene | 26.288 | 276 | 1553 | 0.034 | ng/ul# | 100 |
| 29) Benzo(g,h,i)perylene | 27.033 | 276 | 1961 | 0.047 | ng/ul# | 81 |

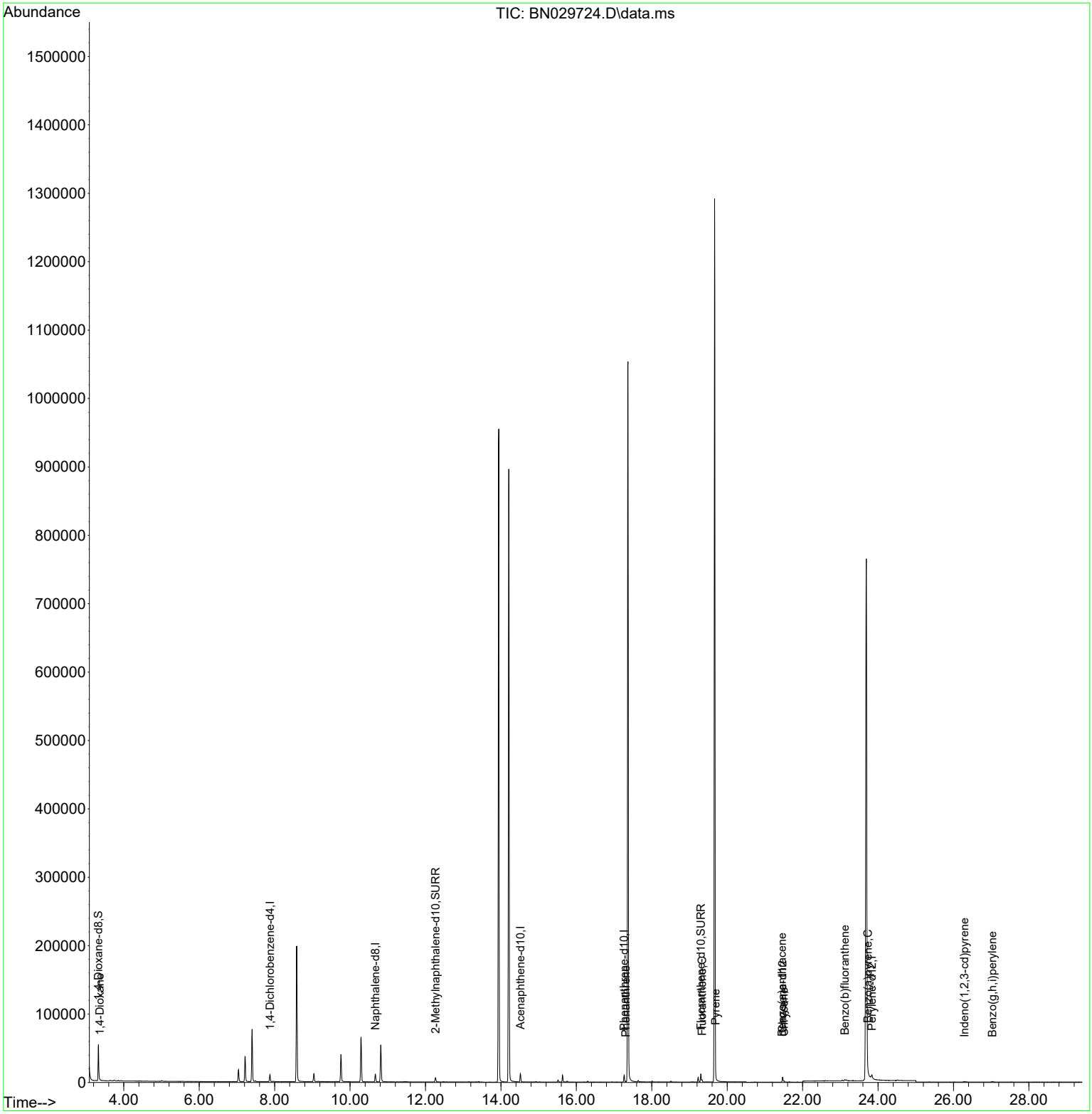
(#) = qualifier out of range (m) = manual integration (+) = signals summed

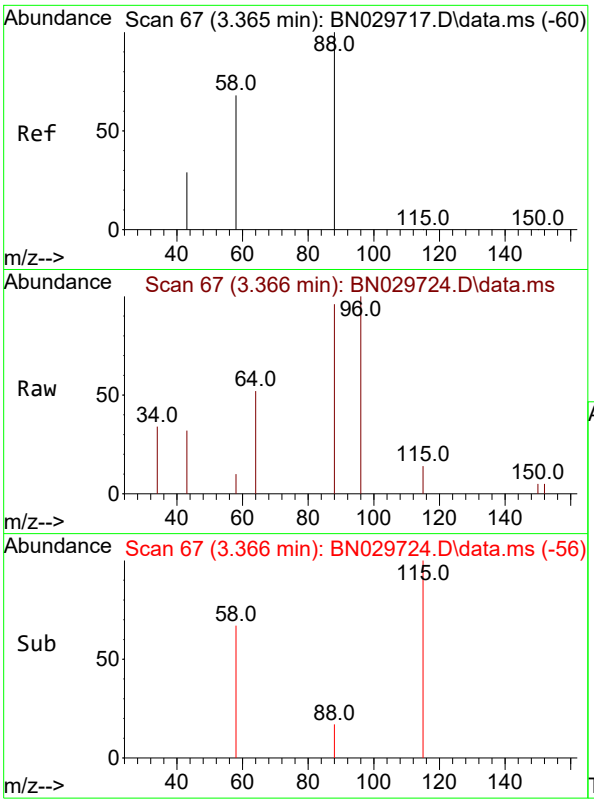
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021324\
Data File : BN029724.D
Acq On : 12 Feb 2024 21:26
Operator : MA/JU
Sample : P1402-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0AA9

Quant Time: Feb 12 23:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration



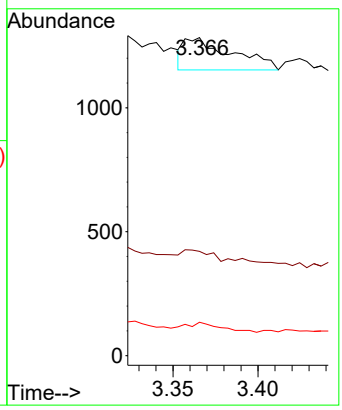


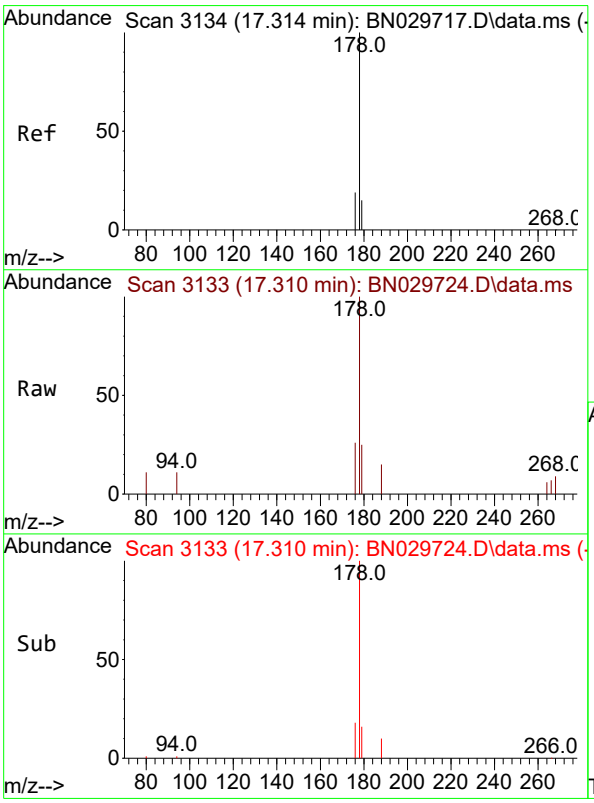

#2
1,4-Dioxane
Concen: 0.035 ng/ul
RT: 3.366 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

**Instrument :**
BNA_N
**ClientSampleId :**
C0AA9

Tgt Ion: 88 Resp: 253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.8 | 21.8 | 32.6# |
| 58 | 10.5 | 39.3 | 58.9# |

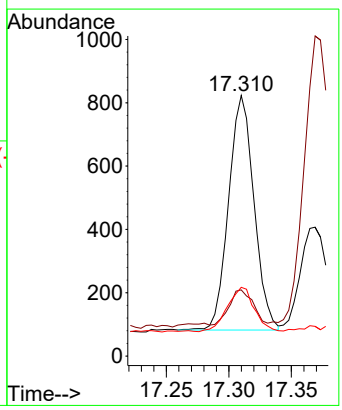


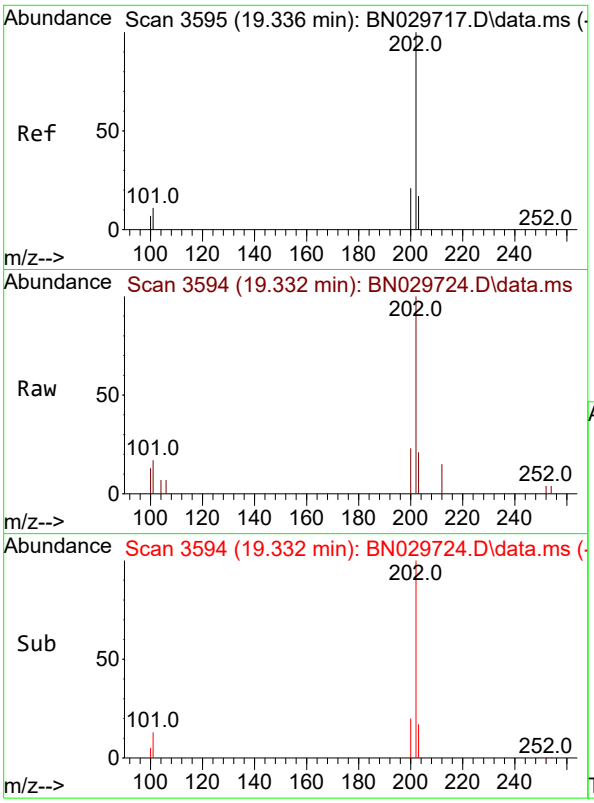




#15
Phenanthrene
Concen: 0.029 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

Tgt Ion:178 Resp: 1047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 25.4 | 12.6 | 18.8# |
| 176 | 26.4 | 15.7 | 23.5# |



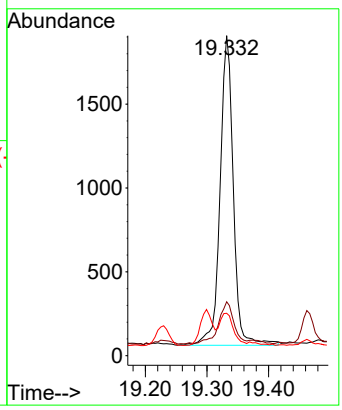


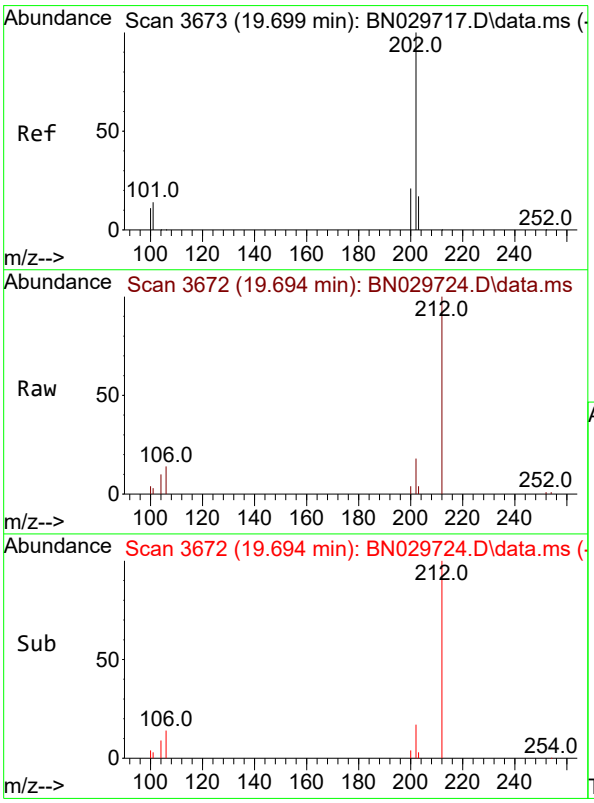

#19
Fluoranthene
Concen: 0.077 ng/ul
RT: 19.332 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

**Instrument :**
BNA_N
**ClientSampleId :**
C0AA9

Tgt Ion:202 Resp: 2778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.9 | 10.4 | 15.6# |
| 100 | 13.3 | 8.5 | 12.7# |

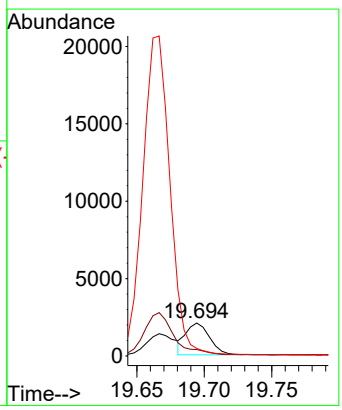


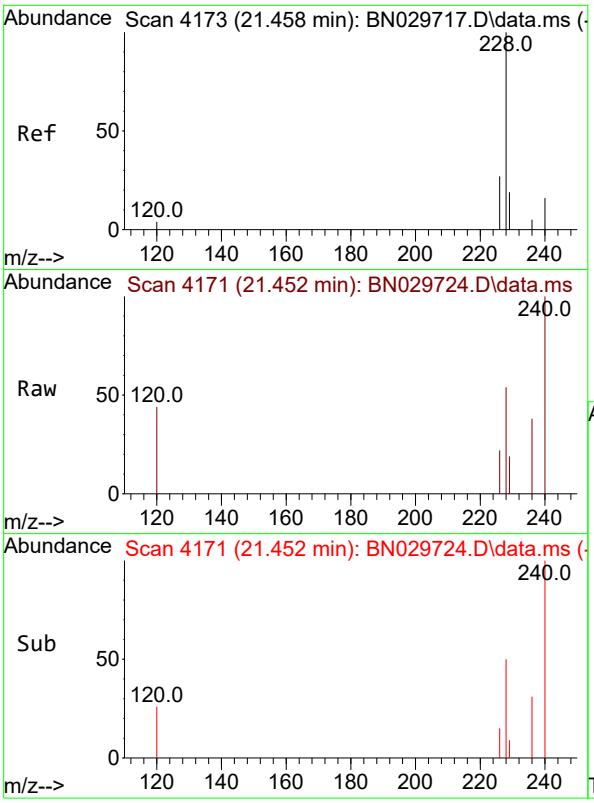




#20
Pyrene
Concen: 0.069 ng/ul
RT: 19.694 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

Tgt Ion:202 Resp: 2526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 19.3 | 12.5 | 18.7# |
| 100 | 22.7 | 10.0 | 15.0# |



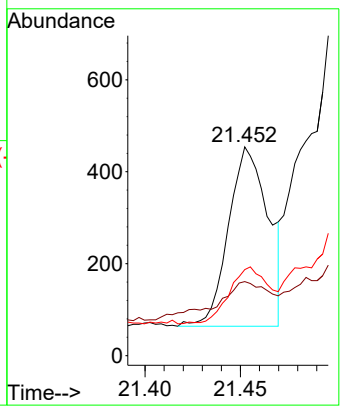


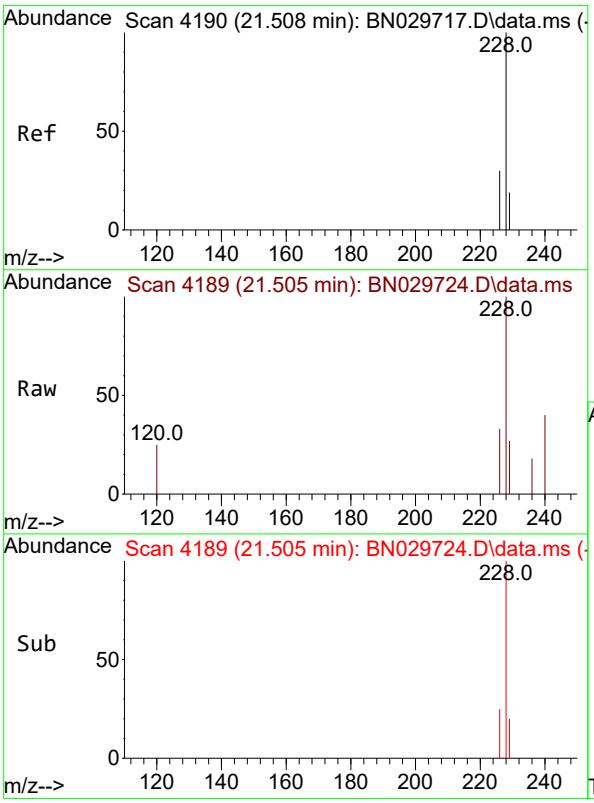

#21
Benzo(a)anthracene
Concen: 0.020 ng/ul
RT: 21.452 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

**Instrument :**
BNA_N
**ClientSampleId :**
C0AA9

Tgt Ion:228 Resp: 568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 35.5 | 15.7 | 23.5# |
| 226 | 41.2 | 22.2 | 33.4# |

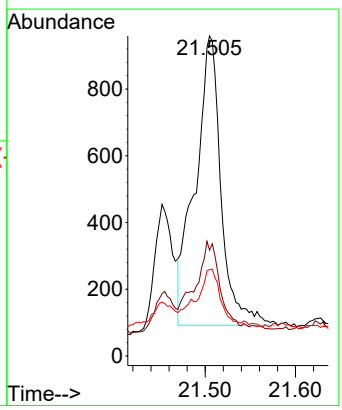


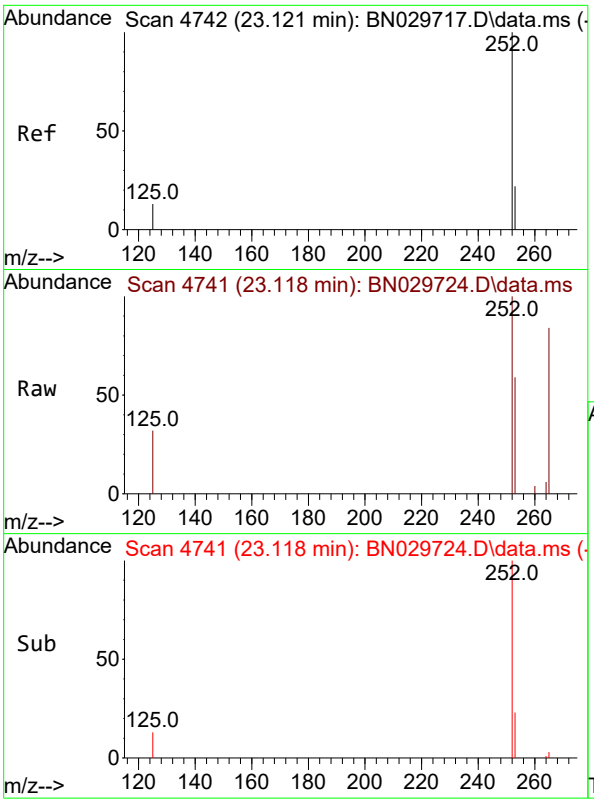




#22
Chrysene
Concen: 0.056 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

Tgt Ion:228 Resp: 1729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.1 | 24.2 | 36.2 |
| 229 | 27.0 | 15.7 | 23.5# |



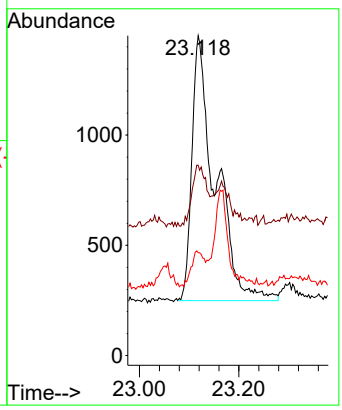


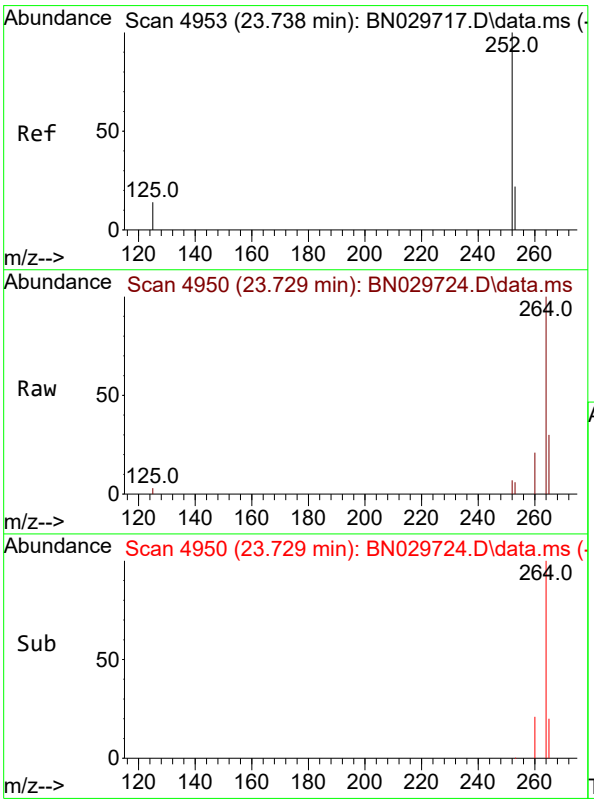

#24
Benzo(b)fluoranthene
Concen: 0.098 ng/ul
RT: 23.118 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

**Instrument :**
BNA_N
**ClientSampleId :**
C0AA9

Tgt Ion:252 Resp: 3916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 59.5 | 0.0 | 56.8# |
| 125 | 32.2 | 0.0 | 32.4 |

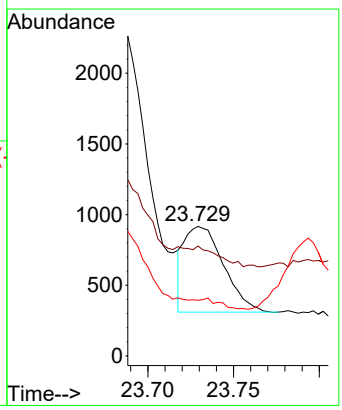


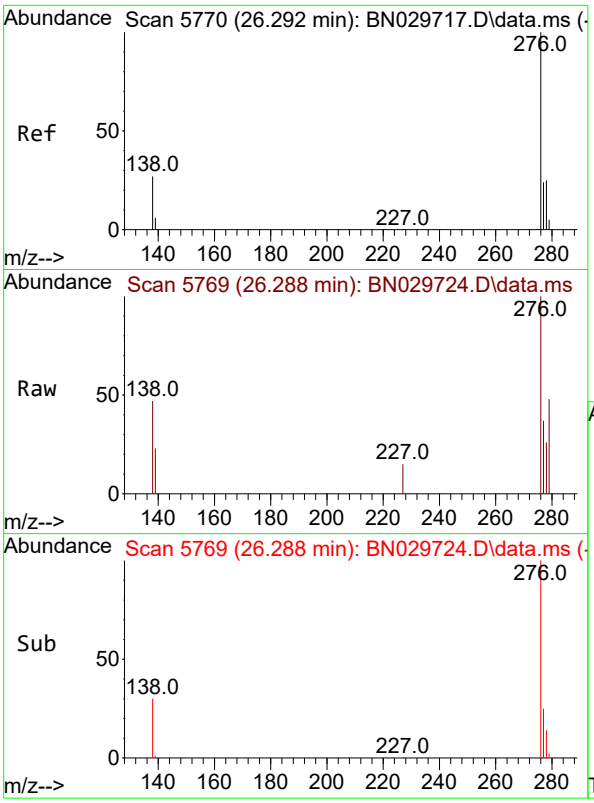




#26
Benzo(a)pyrene
Concen: 0.026 ng/ul
RT: 23.729 min Scan# 4950
Delta R.T. -0.008 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

Tgt Ion:252 Resp: 971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 84.8 | 25.4 | 38.0# |
| 125 | 43.0 | 16.0 | 24.0# |



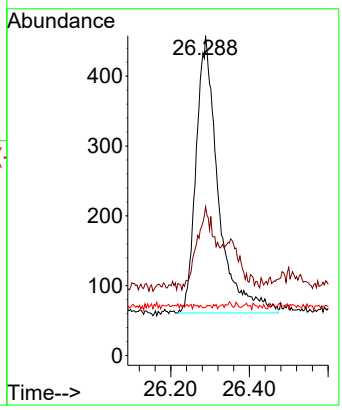


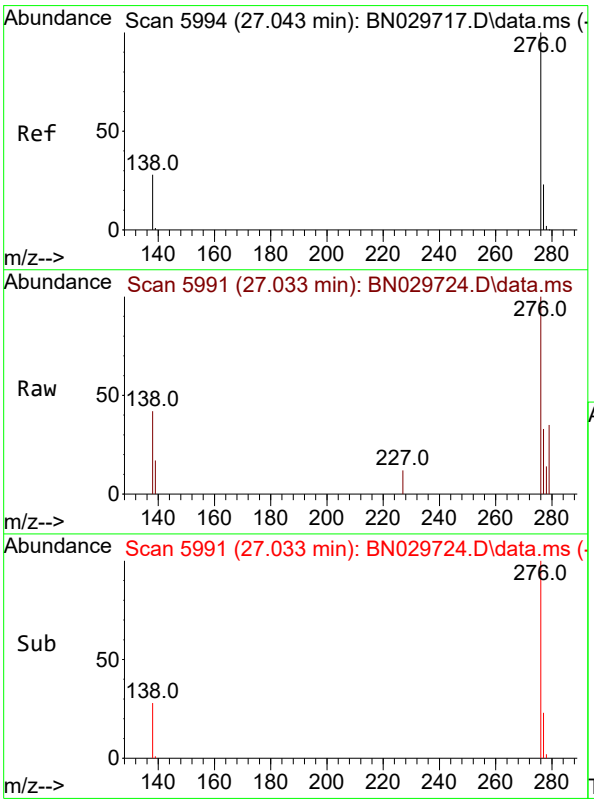

#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 26.288 min Scan# 5
Delta R.T. -0.005 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

**Instrument :**
BNA_N
**ClientSampleId :**
C0AA9

Tgt Ion:276 Resp: 1553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 37.8 | 0.0 | 0.0# |
| 227 | 0.3 | 0.0 | 0.0# |




#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 27.033 min Scan# 5991
Delta R.T. -0.012 min
Lab File: BN029724.D
Acq: 12 Feb 2024 21:26

Tgt Ion:276 Resp: 1961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 42.5 | 24.6 | 37.0# |
| 277 | 33.2 | 19.7 | 29.5# |