Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031987.D
Acq On : 13 Jun 2024 21:33
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Jun 13 23:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.657 | 152 | 348747 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.439 | 136 | 1466579 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.304 | 164 | 850470 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.051 | 188 | 1476508 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.292 | 240 | 1118546 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.227 | 264 | 1322785 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.175 | 96 | 32385 | 3.842 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.587 | 84 | 114002 | 4.804 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.840 | 99 | 735273 | 24.593 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.998 | 67 | 418862 | 23.952 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.192 | 132 | 604019 | 26.478 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.369 | 113 | 604245 | 24.794 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.816 | 128 | 305600 | 27.253 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.534 | 143 | 322388 | 27.832 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.069 | 165 | 557518 | 25.781 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.586 | 131 | 743776 | 23.165 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.722 | 166 | 1590213 | 26.840 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.998 | 160 | 1848222 | 27.129 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.527 | 143 | 224121 | 18.893 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.298 | 176 | 1260296 | 25.140 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.433 | 200 | 107571 | 14.494 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.151 | 188 | 1674429 | 26.489 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.457 | 212 | 1570661 | 26.241 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.021 | 264 | 1178214 | 18.653 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.098 | 178 | 463701 | 6.165 | ng/ul | 99 |
| 74) Anthracene | 17.186 | 178 | 92441 | 1.213 | ng/ul | 97 |
| 80) Fluoranthene | 19.115 | 202 | 494732 | 6.916 | ng/ul | 98 |
| 82) Pyrene | 19.480 | 202 | 369424 | 5.033 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.274 | 228 | 210956 | 2.818 | ng/ul | 97 |
| 87) Chrysene | 21.333 | 228 | 206747 | 2.956 | ng/ul | 95 |
| 90) Benzo(b)fluoranthene | 23.292 | 252 | 220527 | 2.789 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 23.292 | 252 | 220527 | 2.842 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.080 | 252 | 97547 | 1.317 | ng/ul# | 96 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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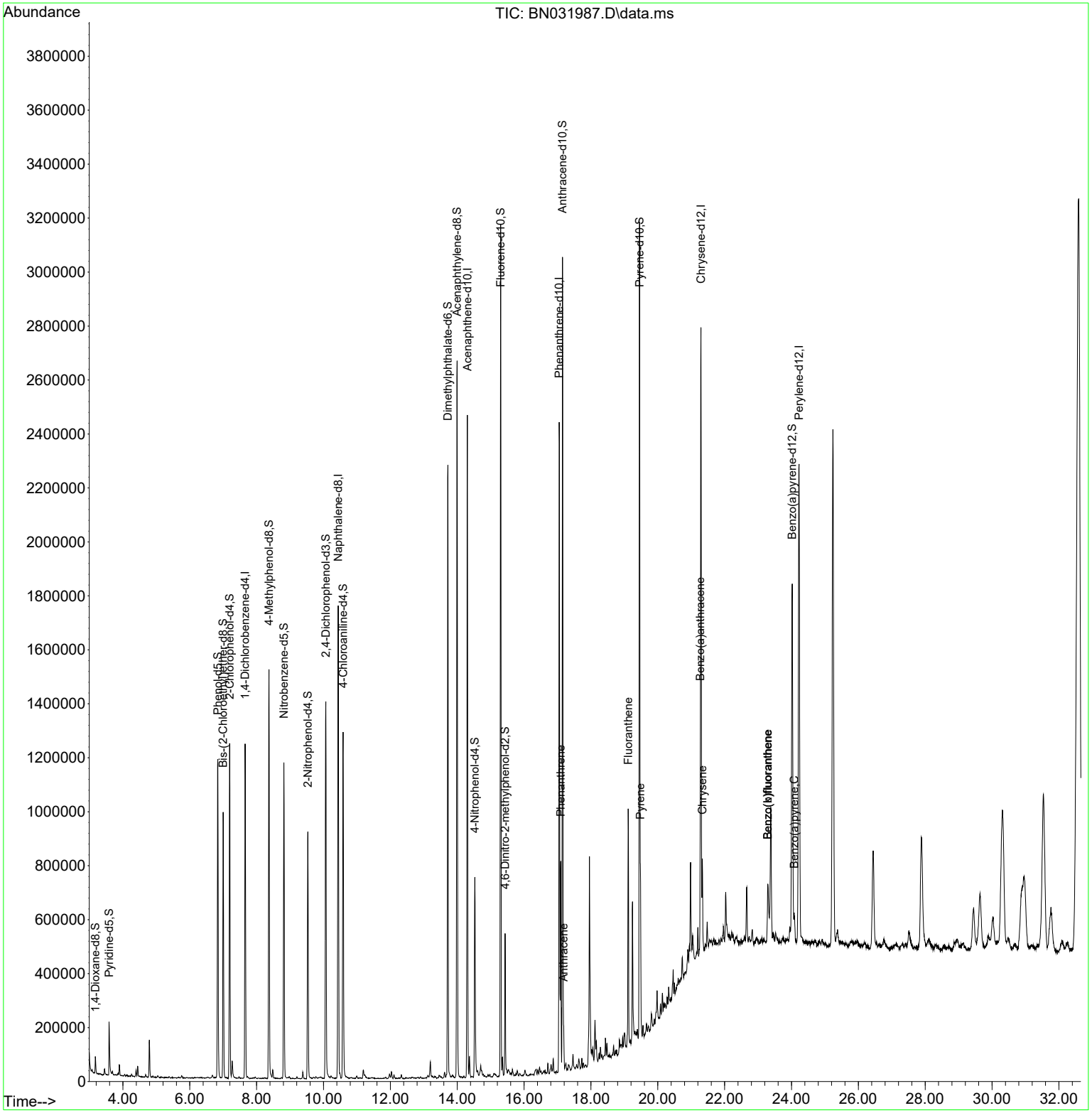
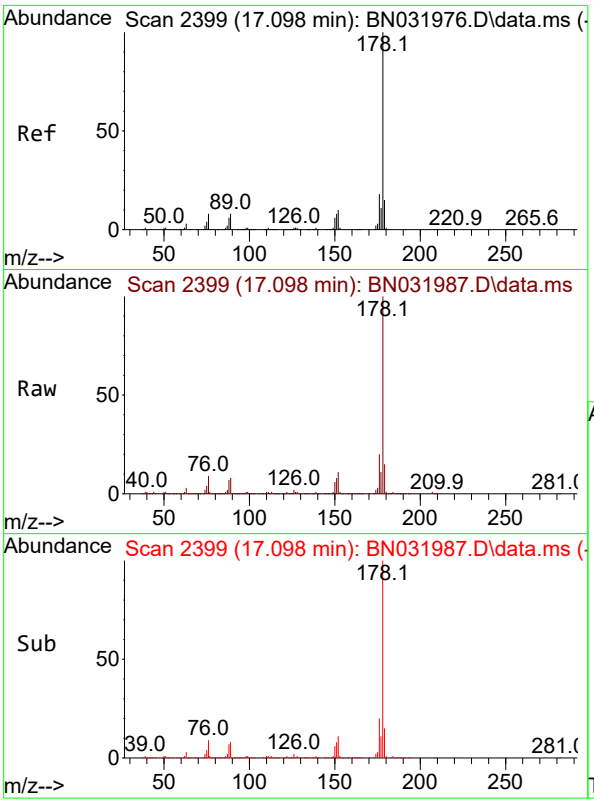
Acq On : 13 Jun 2024 21:33
Operator : MA/JU
Sample : P2695-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Jun 13 23:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration



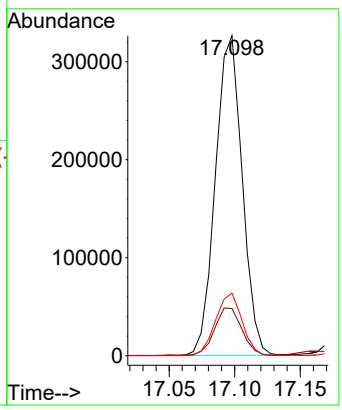


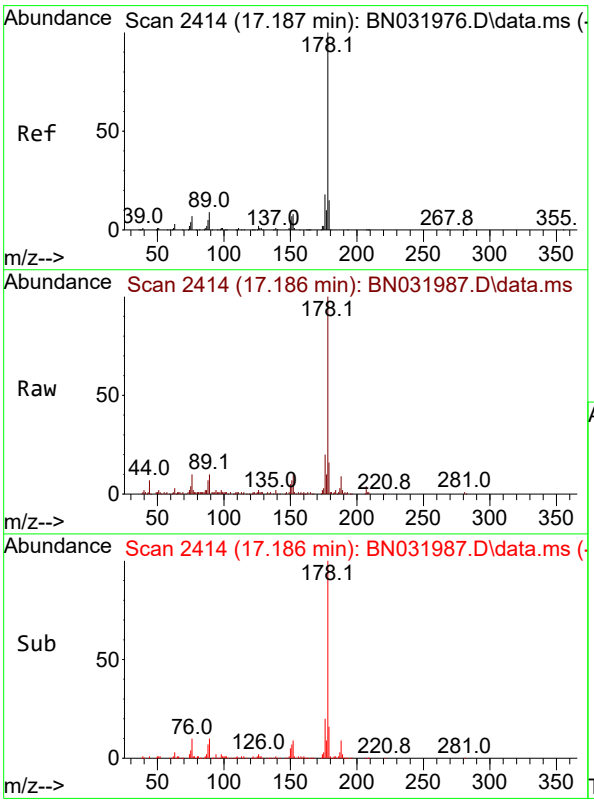

#72
Phenanthrene
Concen: 6.165 ng/ul
RT: 17.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

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

Tgt Ion:178 Resp: 463701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.7 | 12.6 | 19.0 |
| 176 | 19.5 | 15.8 | 23.6 |

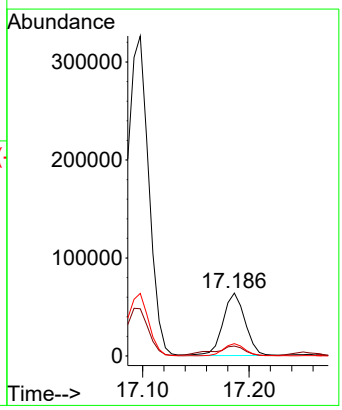


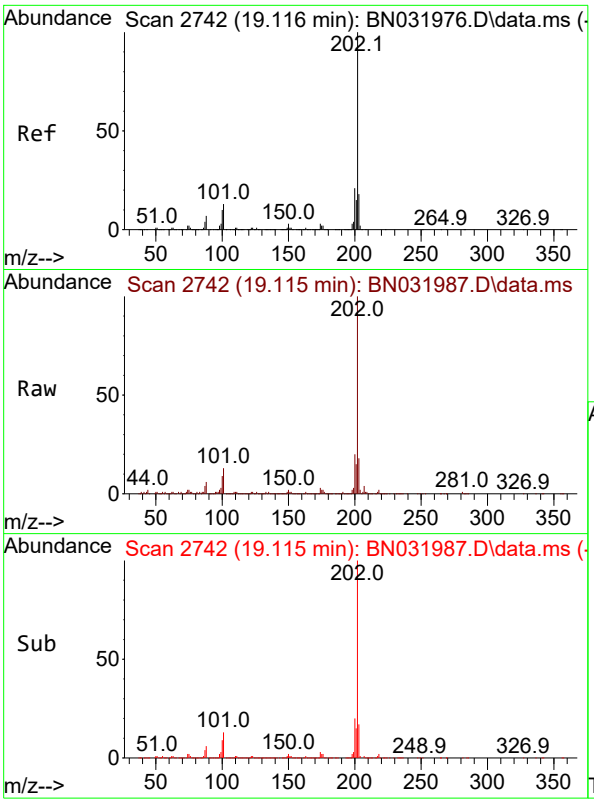




#74
Anthracene
Concen: 1.213 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

Tgt Ion:178 Resp: 92441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.9 | 11.8 | 17.6 |
| 176 | 19.7 | 14.8 | 22.2 |



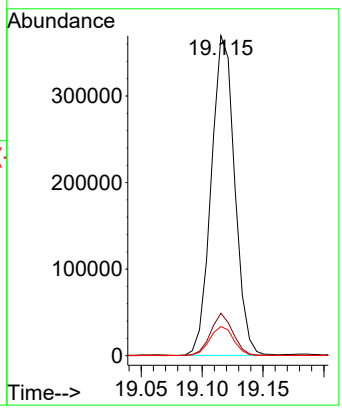


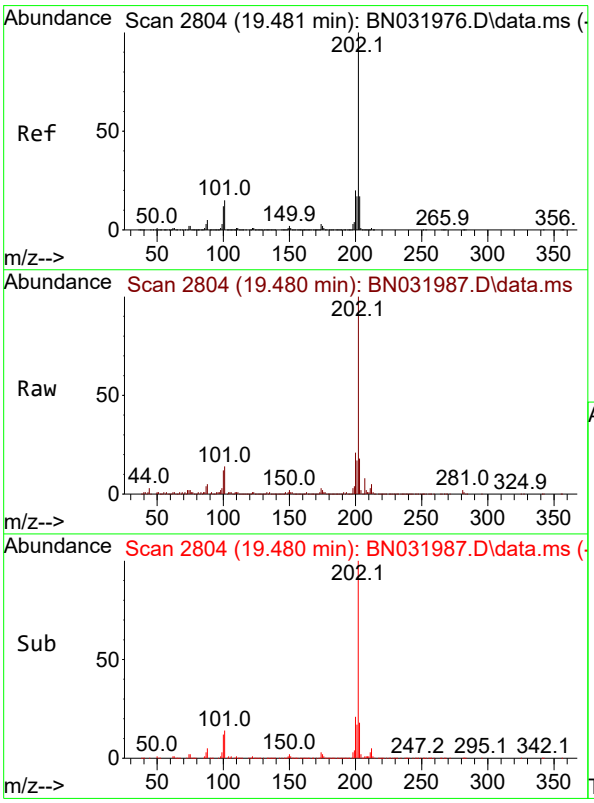

#80
Fluoranthene
Concen: 6.916 ng/ul
RT: 19.115 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

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

Tgt Ion:202 Resp: 494732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.3 | 10.3 | 15.5 |
| 100 | 9.1 | 8.0 | 12.0 |

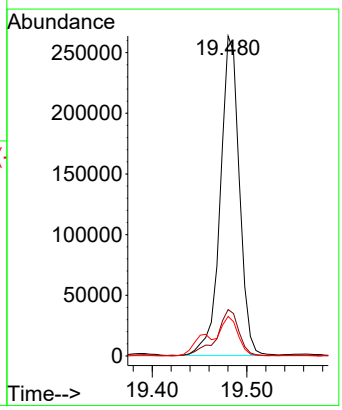


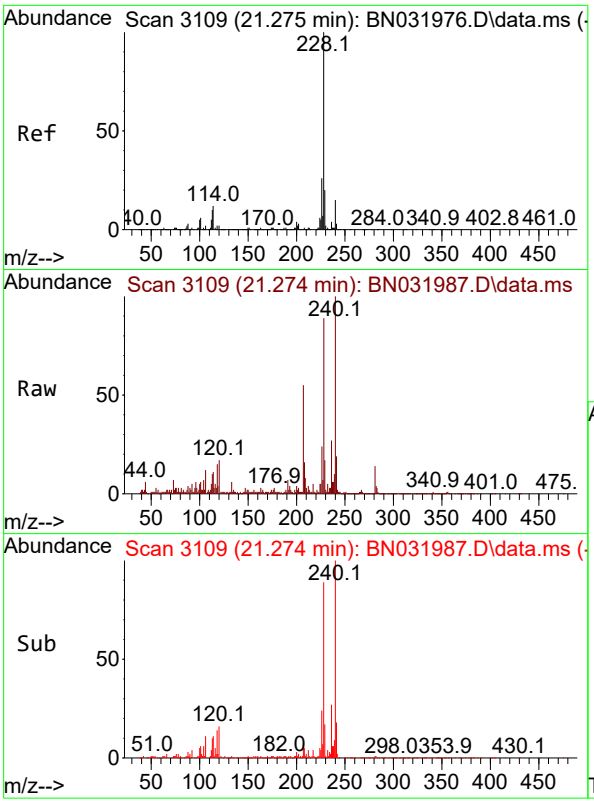




#82
Pyrene
Concen: 5.033 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

Tgt Ion:202 Resp: 369424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 12.6 | 18.8 |
| 100 | 12.3 | 10.2 | 15.2 |



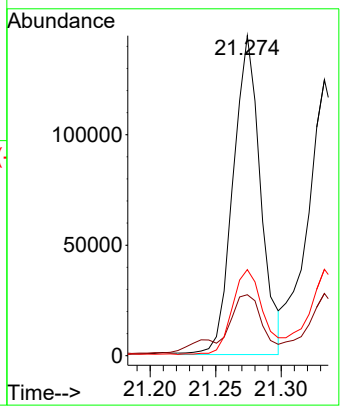


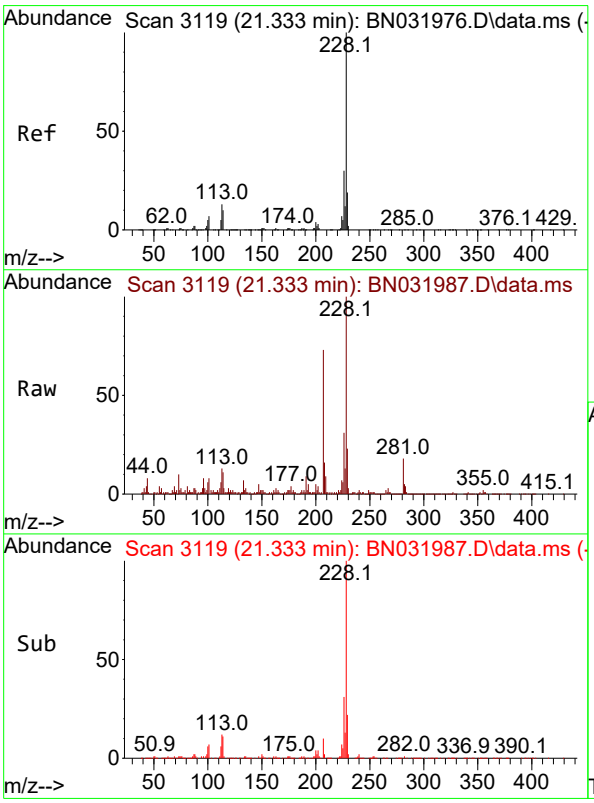

#85
Benzo(a)anthracene
Concen: 2.818 ng/ul
RT: 21.274 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

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

Tgt Ion:228 Resp: 210956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.1 | 16.7 | 25.1 |
| 226 | 26.9 | 22.8 | 34.2 |

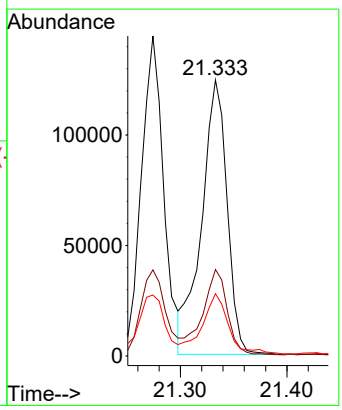


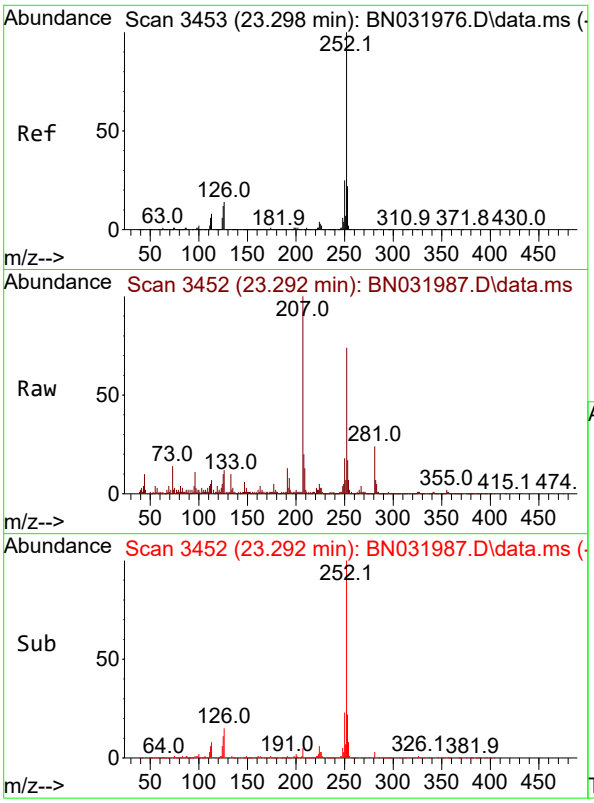




#87
Chrysene
Concen: 2.956 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

Tgt Ion:228 Resp: 206747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 23.7 | 35.5 |
| 229 | 22.6 | 15.1 | 22.7 |



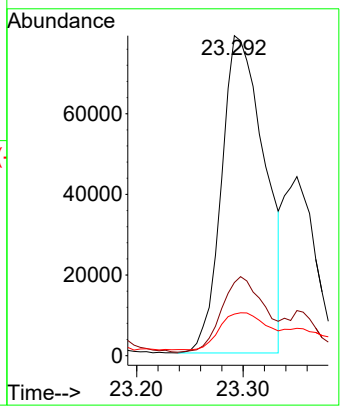


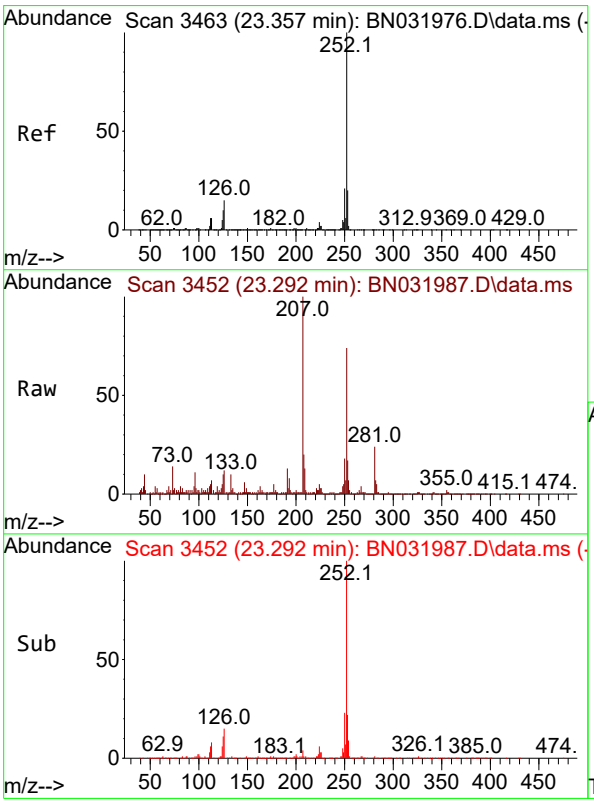

#90
Benzo(b)fluoranthene
Concen: 2.789 ng/ul
RT: 23.292 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

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

Tgt Ion:252 Resp: 220527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.0 | 25.6 |
| 125 | 13.0 | 9.2 | 13.8 |

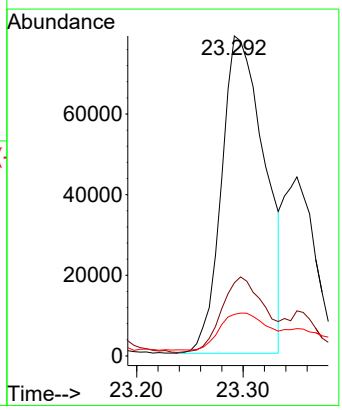


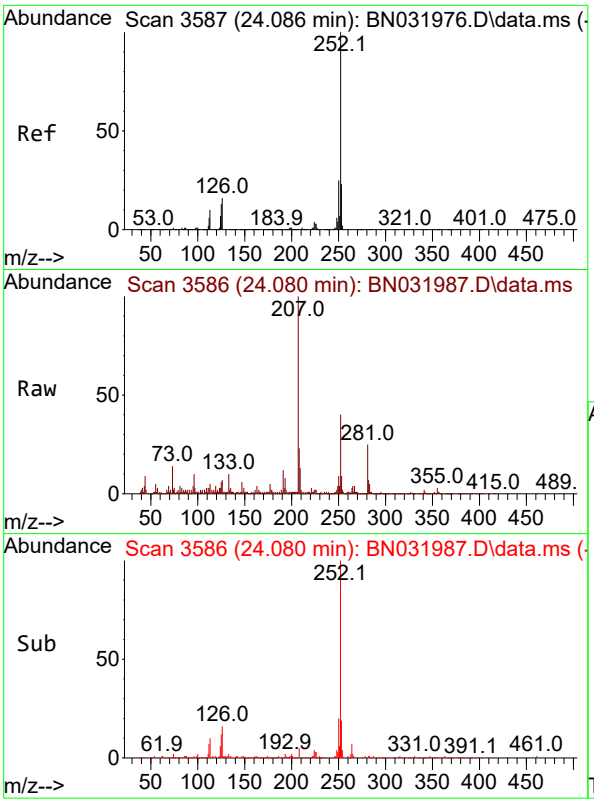




#91
Benzo(k)fluoranthene
Concen: 2.842 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. -0.059 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

Tgt Ion:252 Resp: 220527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.6 | 26.4 |
| 125 | 13.0 | 9.4 | 14.2 |






#93
Benzo(a)pyrene
Concen: 1.317 ng/ul
RT: 24.080 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN031987.D
Acq: 13 Jun 2024 21:33

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

Tgt Ion:252 Resp: 97547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 16.6 | 24.8 |
| 125 | 15.5 | 9.8 | 14.8# |