Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111624\
Data File : BN035140.D
Acq On : 16 Nov 2024 16:01
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Quant Time: Nov 18 00:45:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 00:44:37 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.545 | 152 | 3872 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.311 | 136 | 9015 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.189 | 164 | 5872 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.941 | 188 | 13172 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.154 | 240 | 13068 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.328 | 264 | 14581 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.144 | 96 | 1339 | 0.378 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.906 | 152 | 5649 | 0.428 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.981 | 212 | 14225 | 0.395 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.174 | 88 | 1462 | 0.381 | ng/ul | 98 |
| 5) Naphthalene | 10.361 | 128 | 9472 | 0.417 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 11.983 | 142 | 6652 | 0.422 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.203 | 142 | 6149 | 0.387 | ng/ul | 99 |
| 10) Acenaphthylene | 13.902 | 152 | 10575 | 0.454 | ng/ul | 100 |
| 11) Acenaphthene | 14.249 | 153 | 7223 | 0.405 | ng/ul | 99 |
| 12) Fluorene | 15.244 | 166 | 8782 | 0.420 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.599 | 266 | 1263 | 0.412 | ng/ul | 98 |
| 15) Phenanthrene | 16.983 | 178 | 14484 | 0.416 | ng/ul | 99 |
| 16) Anthracene | 17.072 | 178 | 13499 | 0.418 | ng/ul | 99 |
| 19) Fluoranthene | 19.009 | 202 | 17835 | 0.392 | ng/ul | 100 |
| 20) Pyrene | 19.376 | 202 | 18814 | 0.397 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.136 | 228 | 18531 | 0.409 | ng/ul | 99 |
| 22) Chrysene | 21.189 | 228 | 18946 | 0.415 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.682 | 252 | 19815 | 0.411 | ng/ul | 96 |
| 25) Benzo(k)fluoranthene | 22.723 | 252 | 20723 | 0.417 | ng/ul | 96 |
| 26) Benzo(a)pyrene | 23.232 | 252 | 18613 | 0.423 | ng/ul | 95 |
| 27) Indeno(1,2,3-cd)pyrene | 25.490 | 276 | 24929 | 0.419 | ng/ul | 99 |
| 28) Dibenzo(a,h)anthracene | 25.503 | 278 | 19605 | 0.420 | ng/ul | 96 |
| 29) Benzo(g,h,i)perylene | 26.141 | 276 | 19334 | 0.412 | ng/ul | 98 |

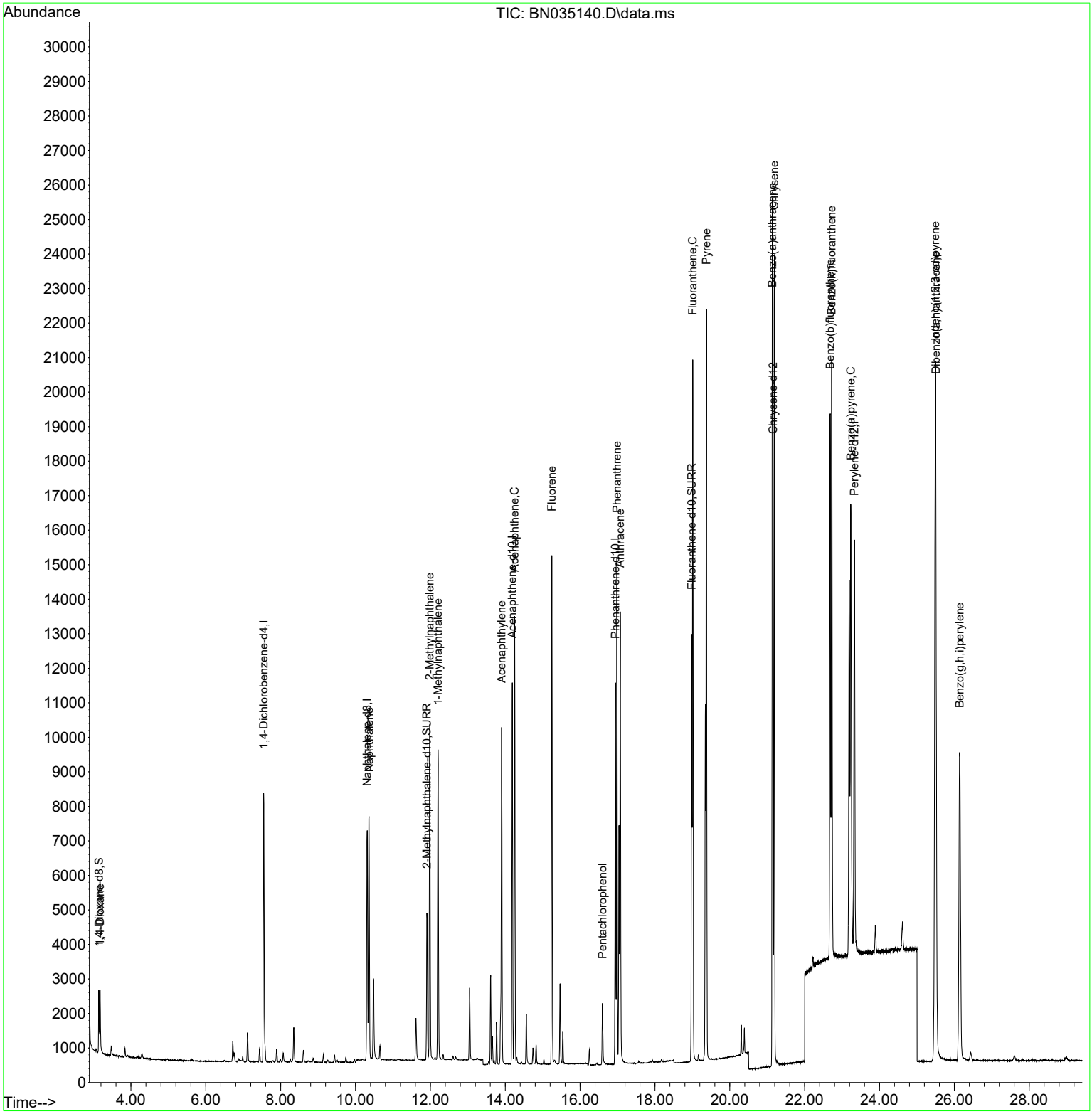
(#) = qualifier out of range (m) = manual integration (+) = signals summed

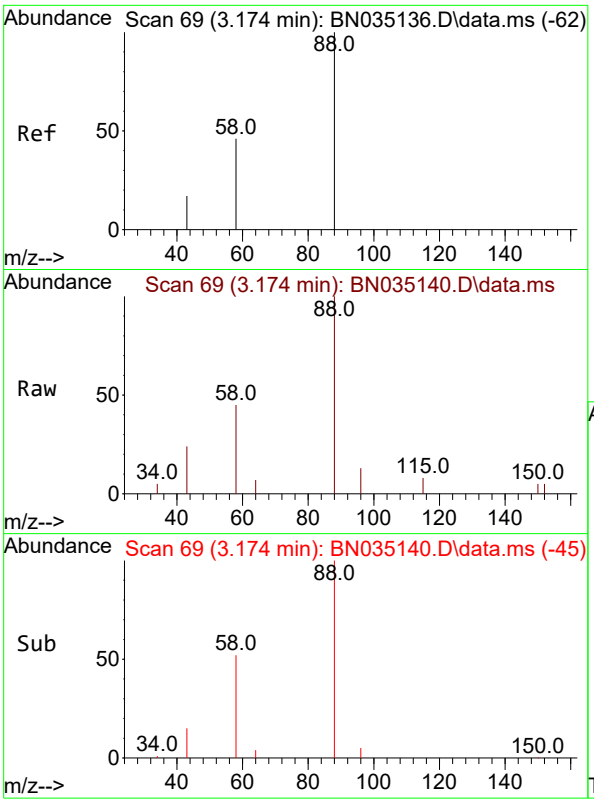
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111624\
Data File : BN035140.D
Acq On : 16 Nov 2024 16:01
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Quant Time: Nov 18 00:45:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 00:44:37 2024
Response via : Initial Calibration



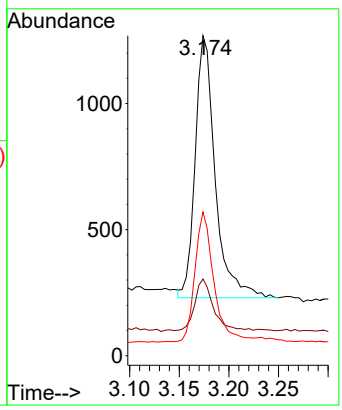


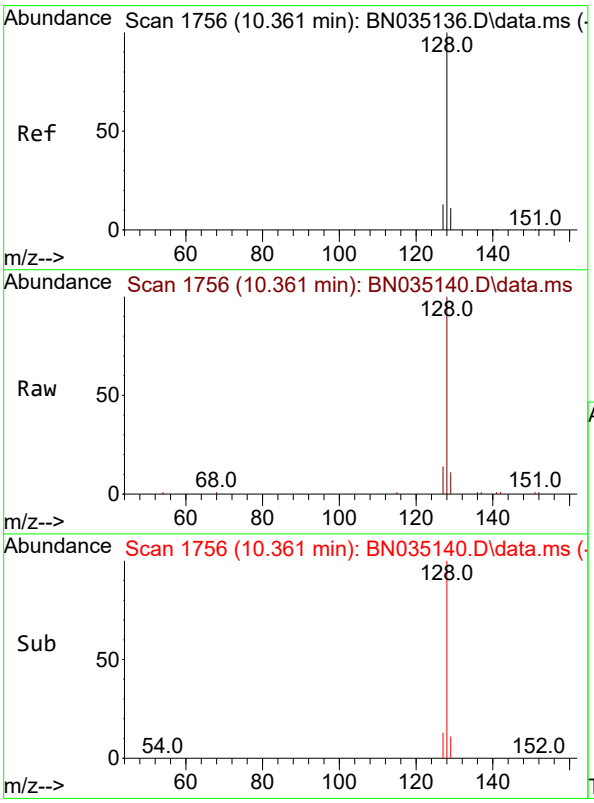

#2
1,4-Dioxane
Concen: 0.381 ng/ul
RT: 3.174 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion: 88 Resp: 1462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 24.0 | 20.6 | 31.0 |
| 58 | 44.9 | 36.2 | 54.4 |

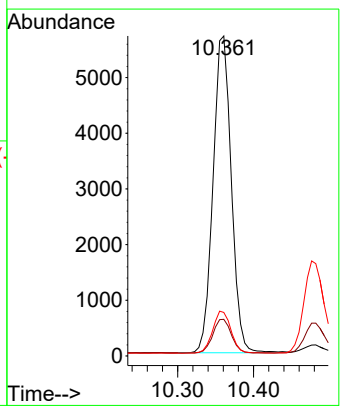


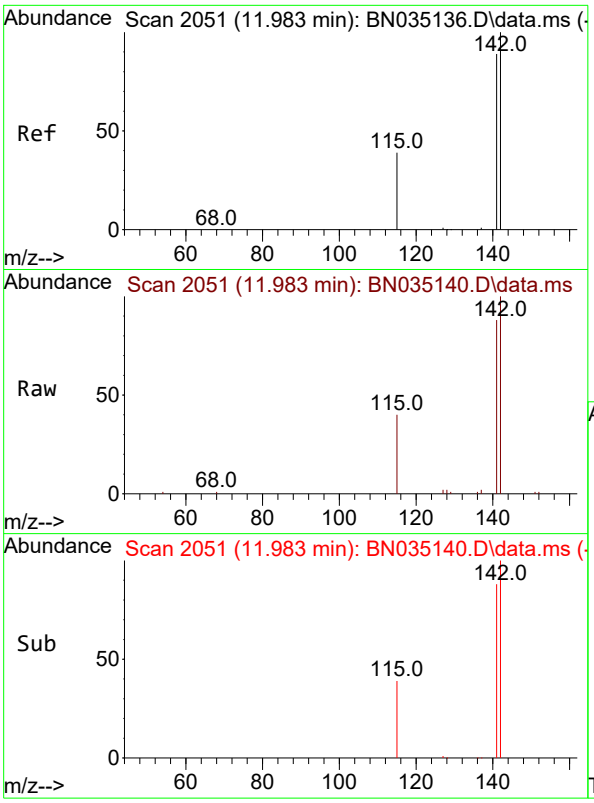




#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:128 Resp: 9472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.9 | 14.9 |
| 127 | 13.6 | 11.4 | 17.2 |



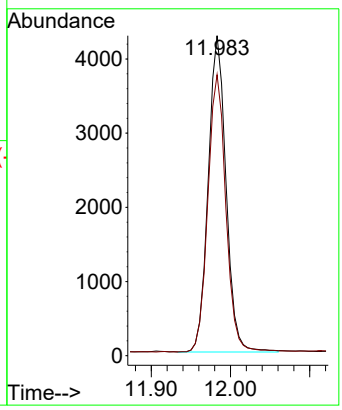


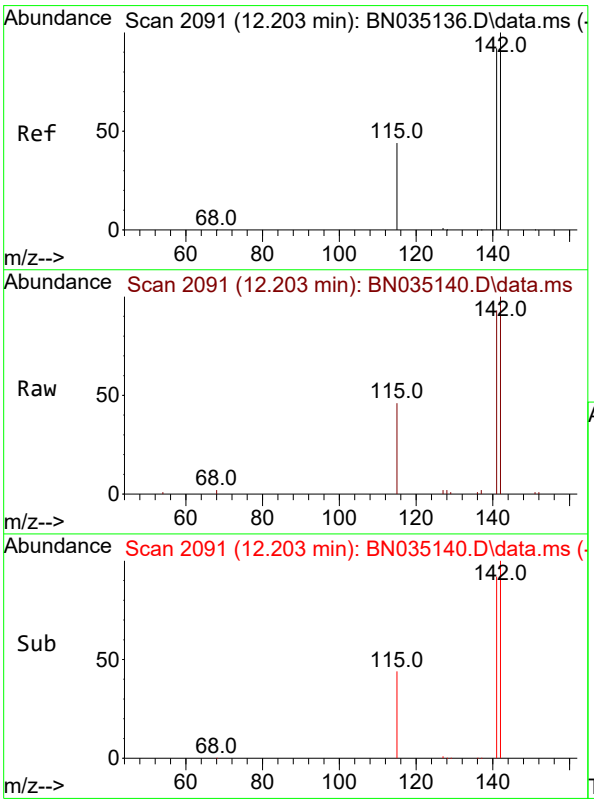

#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 11.983 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:142 Resp: 6652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 70.4 | 105.6 |

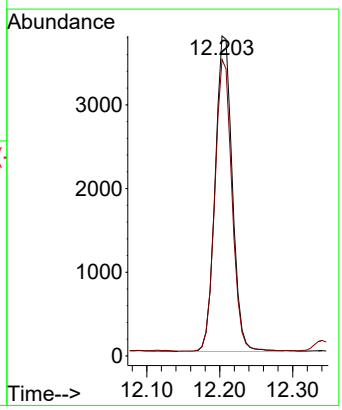


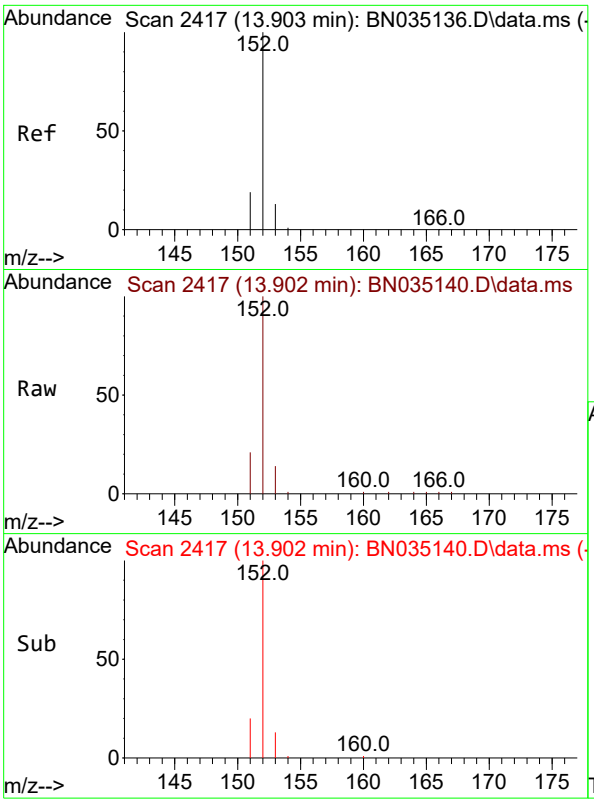




#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:142 Resp: 6149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.2 | 73.1 | 109.7 |



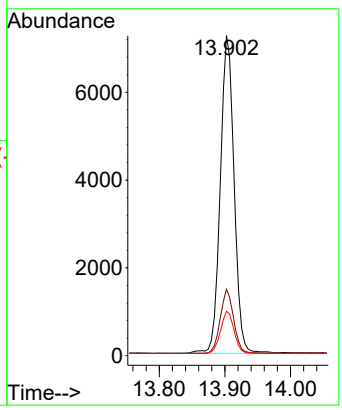


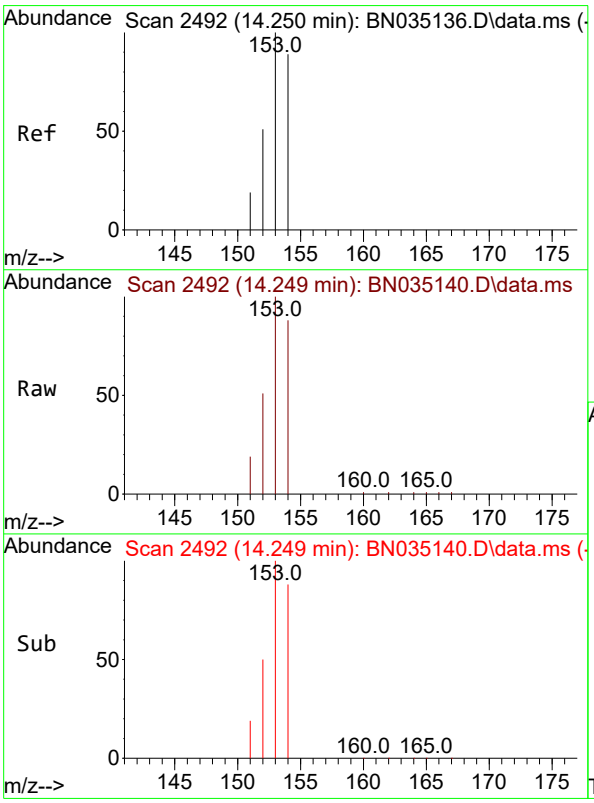

#10
Acenaphthylene
Concen: 0.454 ng/ul
RT: 13.902 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:152 Resp: 10575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.4 | 24.6 |
| 153 | 13.9 | 11.1 | 16.7 |

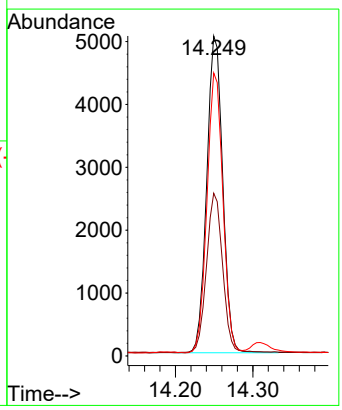


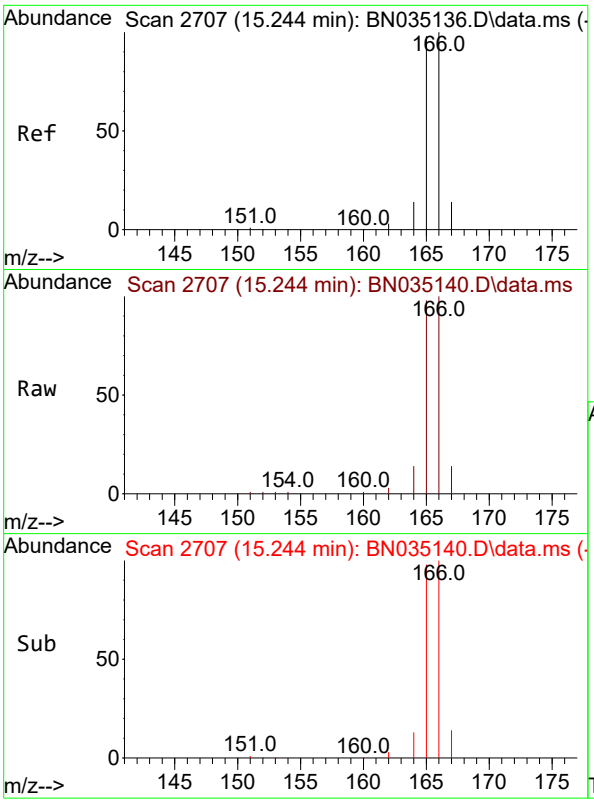




#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:153 Resp: 7223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 50.8 | 41.4 | 62.0 |
| 154 | 88.4 | 71.2 | 106.8 |



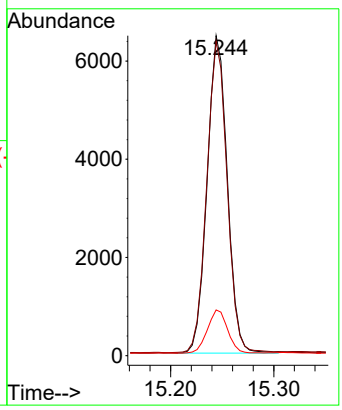


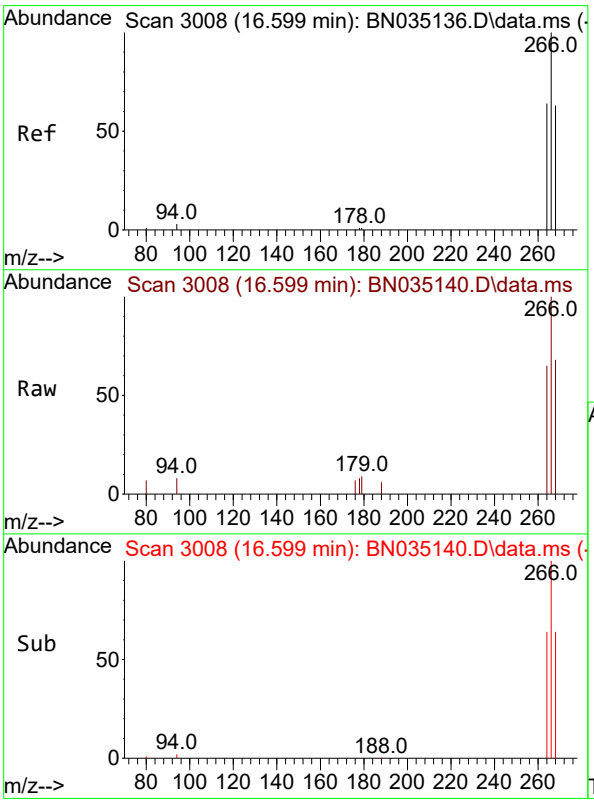

#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.244 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:166 Resp: 8782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.2 | 78.6 | 118.0 |
| 167 | 14.3 | 11.8 | 17.6 |

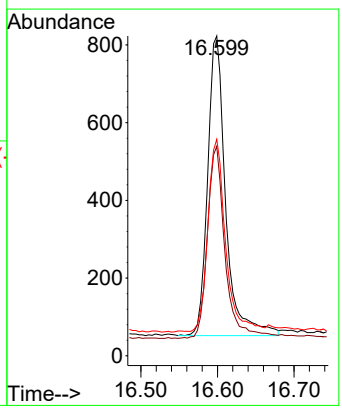


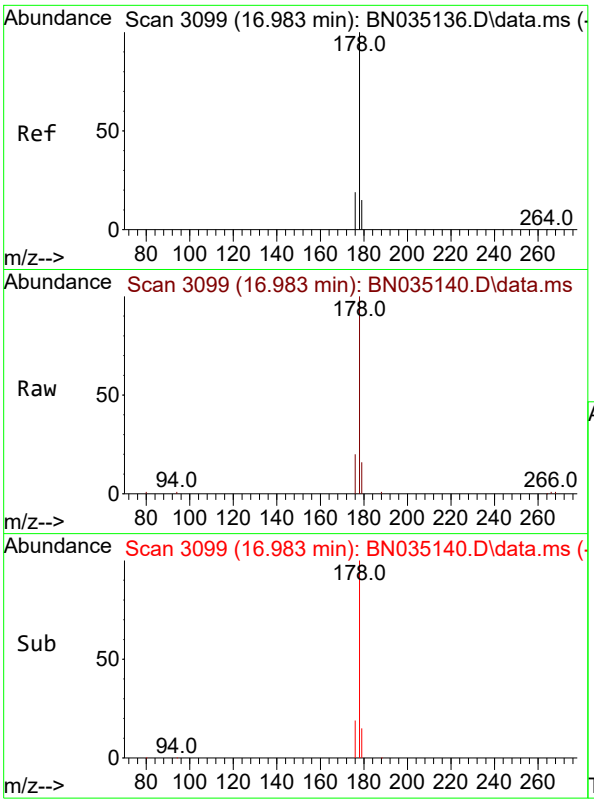




#14
Pentachlorophenol
Concen: 0.412 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:266 Resp: 1263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.7 | 51.8 | 77.6 |
| 268 | 62.3 | 51.3 | 76.9 |



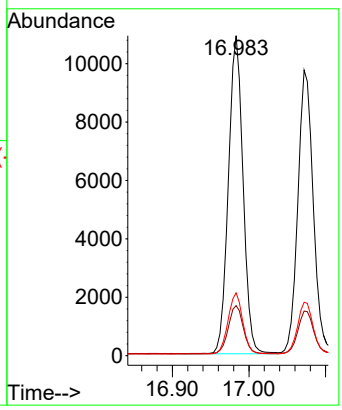


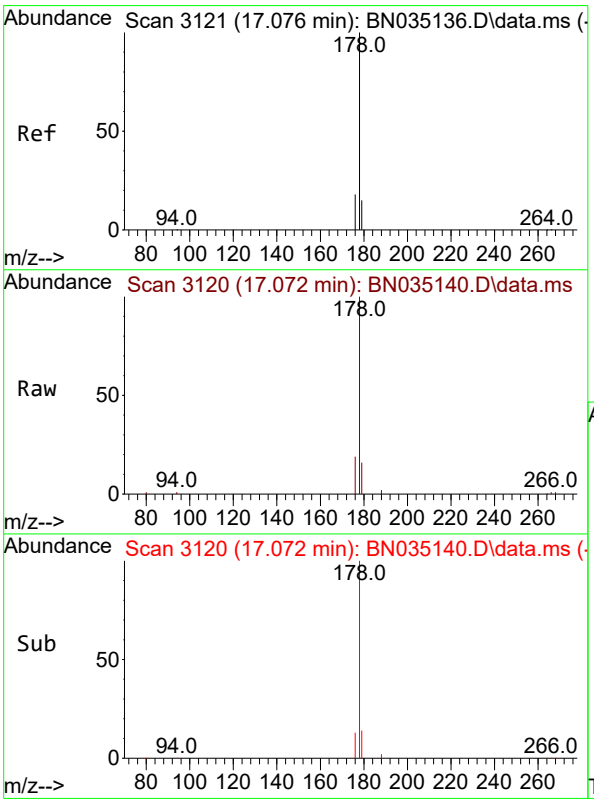

#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 16.983 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:178 Resp: 14484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.9 | 19.3 |
| 176 | 19.7 | 15.6 | 23.4 |

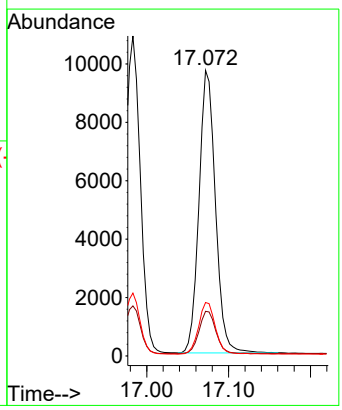


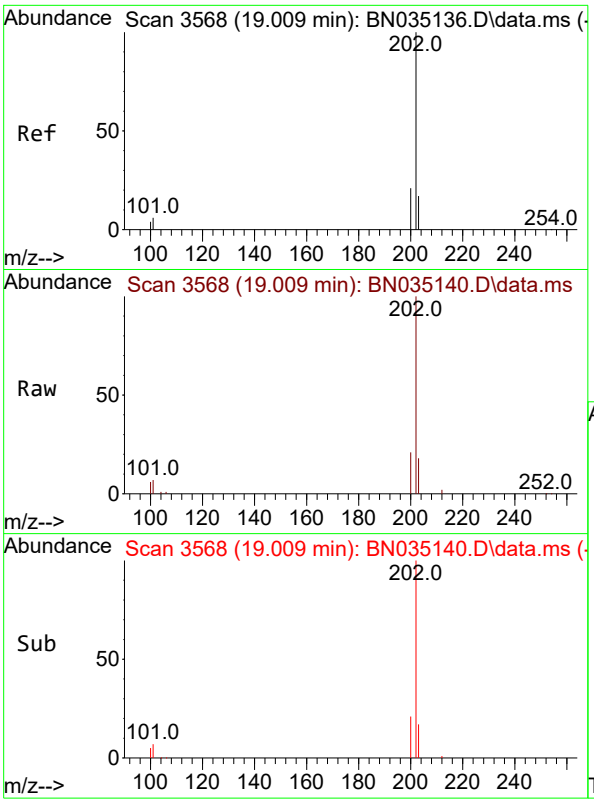




#16
Anthracene
Concen: 0.418 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:178 Resp: 13499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.6 | 12.9 | 19.3 |
| 176 | 18.7 | 15.4 | 23.2 |



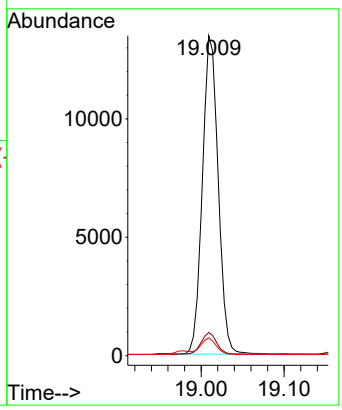


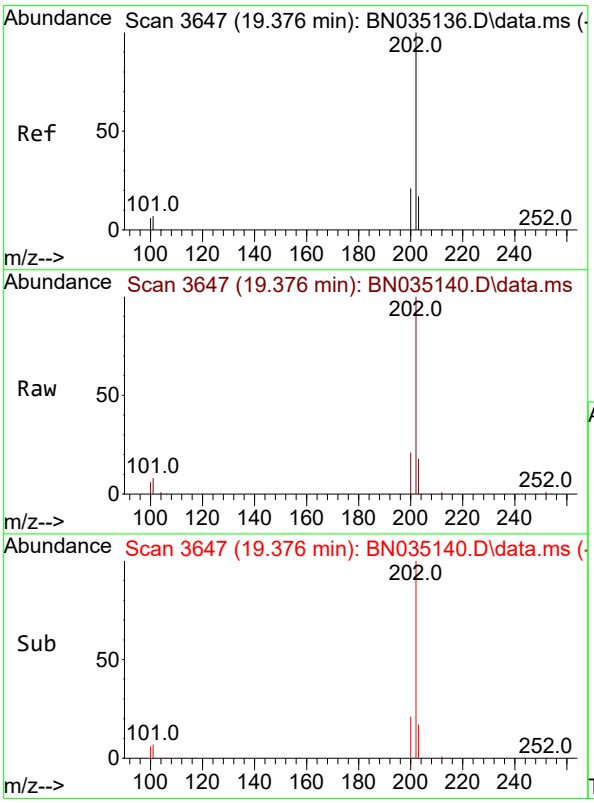

#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.009 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:202 Resp: 17835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.3 | 5.8 | 8.6 |
| 100 | 5.6 | 4.5 | 6.7 |

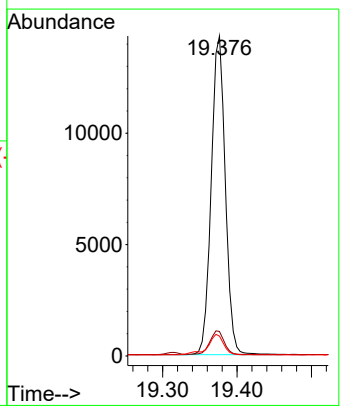


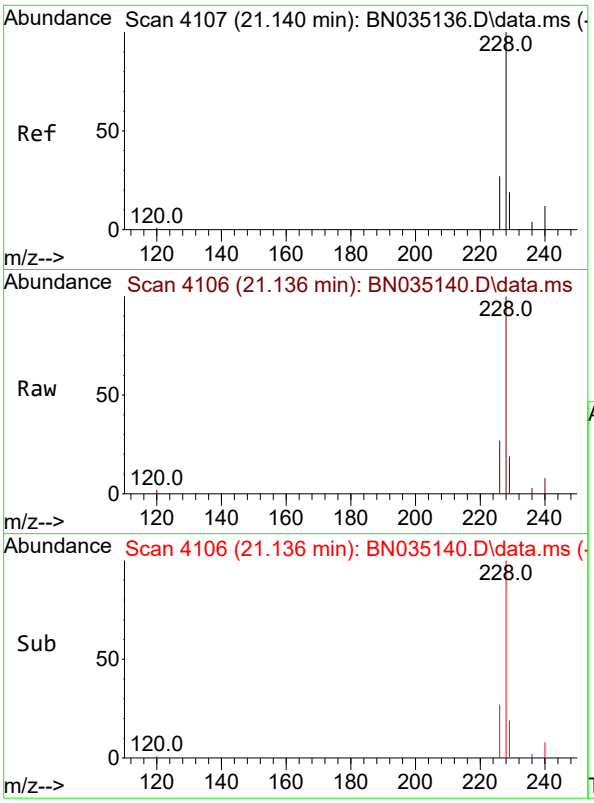




#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:202 Resp: 18814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.7 | 6.2 | 9.4 |
| 100 | 6.2 | 5.1 | 7.7 |



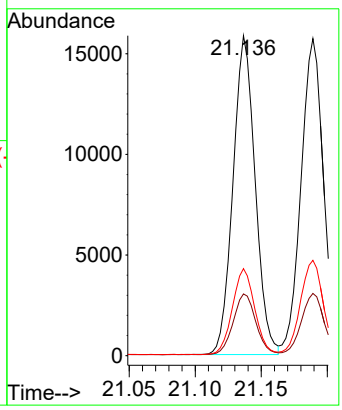


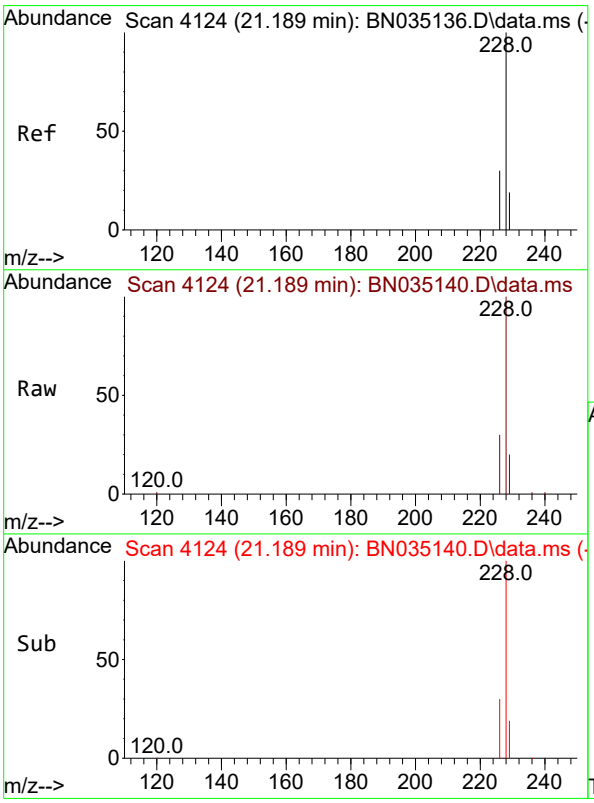

#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.136 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:228 Resp: 18531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.3 | 15.8 | 23.8 |
| 226 | 27.2 | 21.8 | 32.8 |

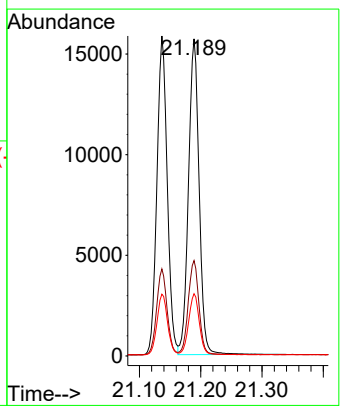


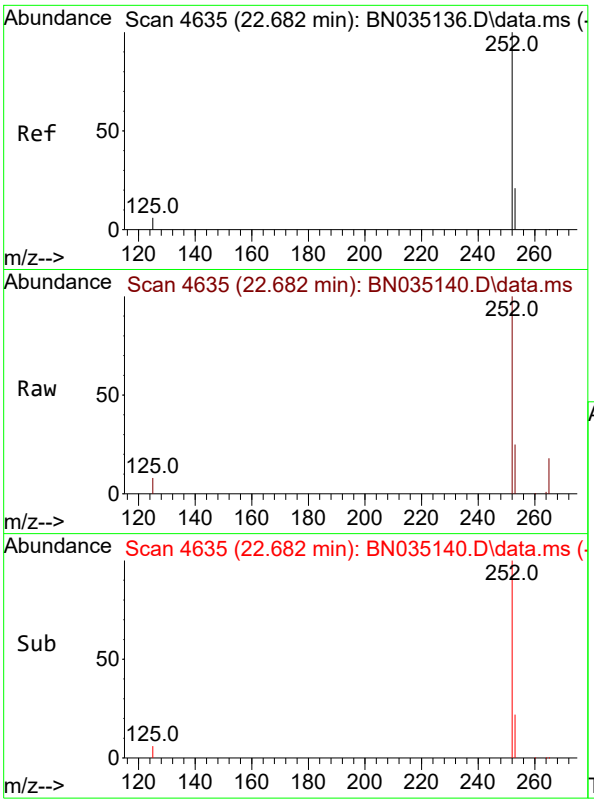




#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.189 min Scan# 4124
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:228 Resp: 18946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 24.7 | 37.1 |
| 229 | 19.6 | 16.0 | 24.0 |



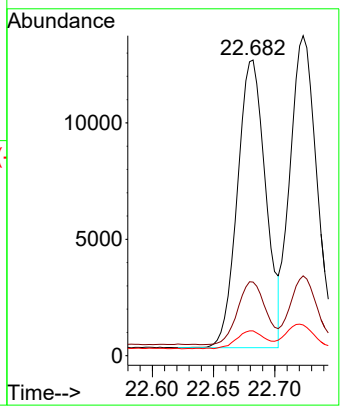


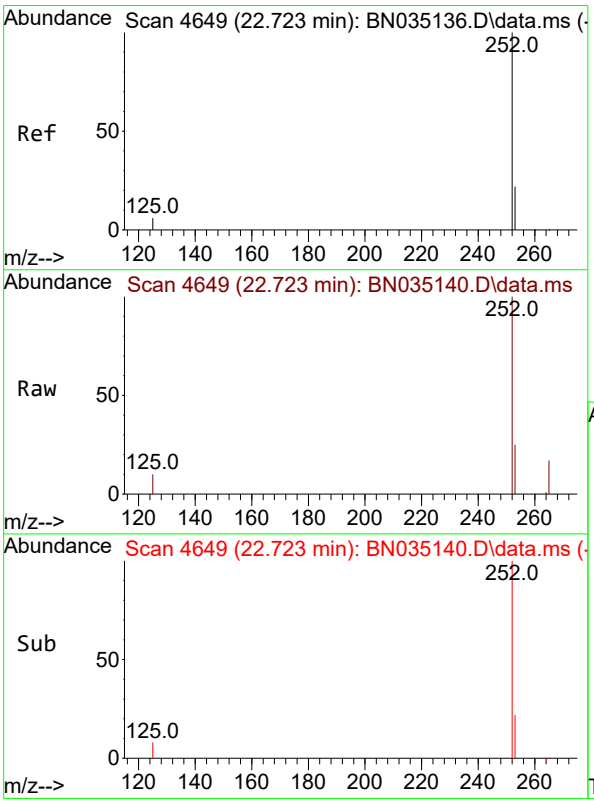

#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.682 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:252 Resp: 19815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.9 | 0.0 | 54.0 |
| 125 | 8.4 | 0.0 | 19.4 |

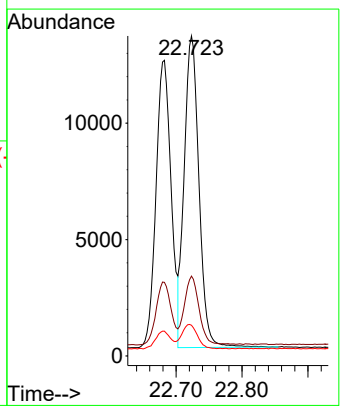


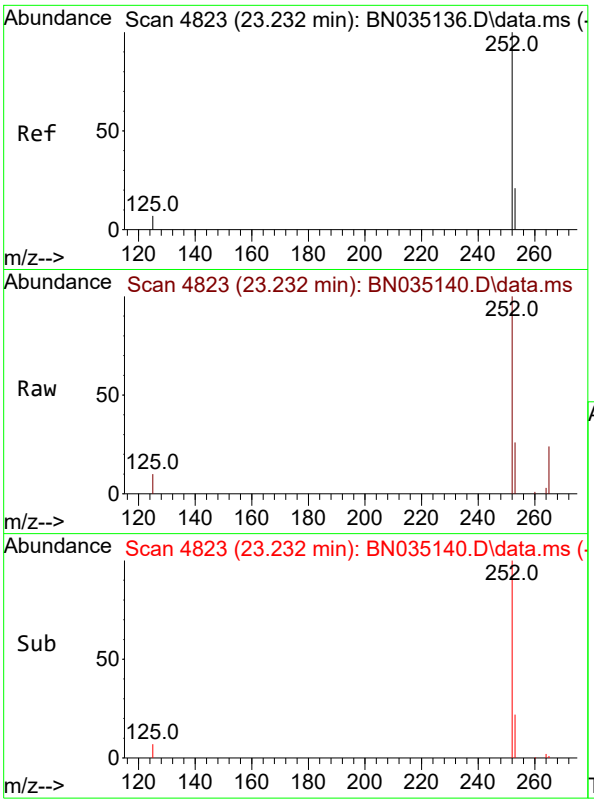




#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 22.723 min Scan# 4649
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:252 Resp: 20723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 21.8 | 32.6 |
| 125 | 9.6 | 8.6 | 12.8 |



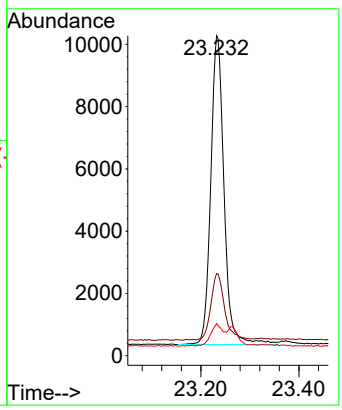


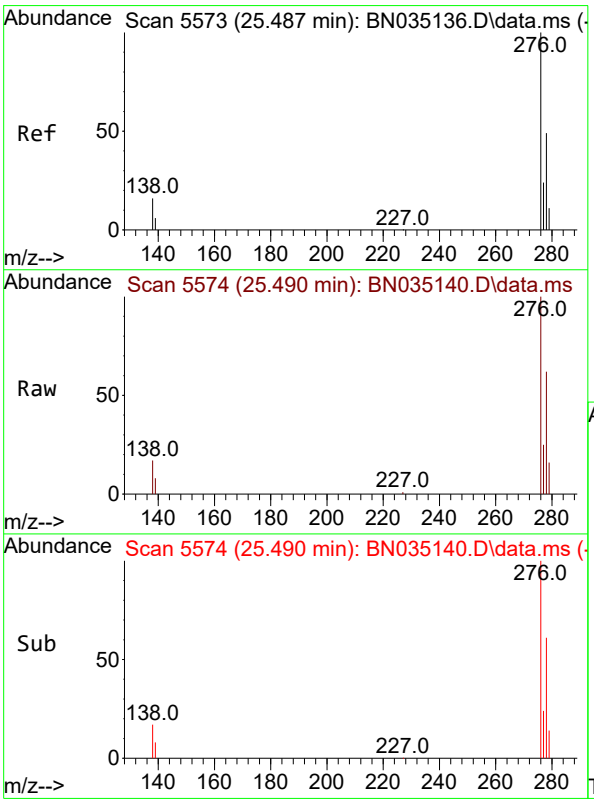

#26
Benzo(a)pyrene
Concen: 0.423 ng/ul
RT: 23.232 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:252 Resp: 18613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.7 | 22.9 | 34.3 |
| 125 | 10.0 | 9.4 | 14.2 |

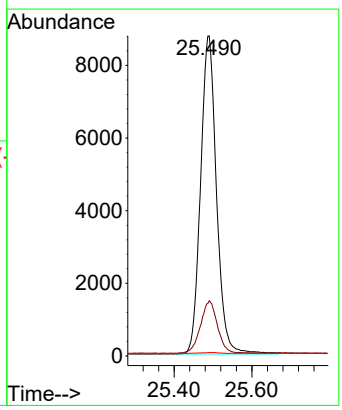


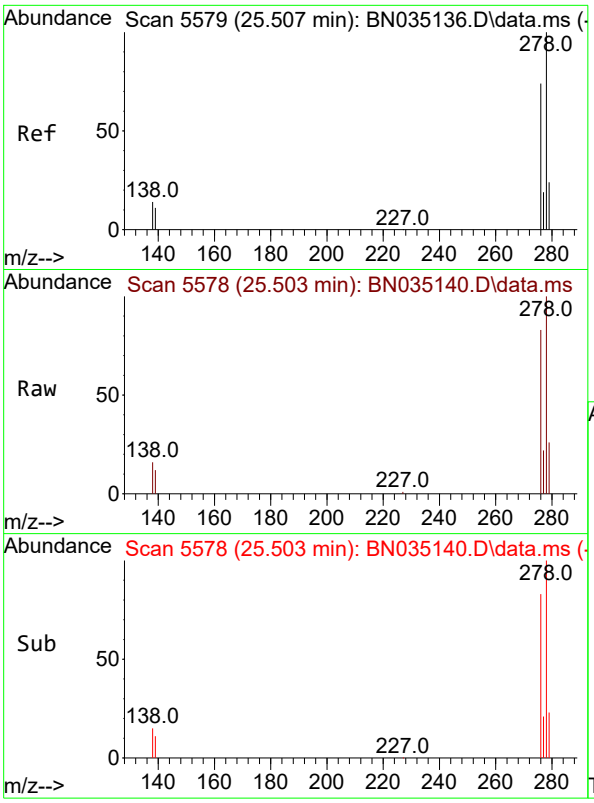




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul
RT: 25.490 min Scan# 5574
Delta R.T. 0.003 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:276 Resp: 24929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.7 | 13.8 | 20.8 |
| 227 | 0.3 | 0.2 | 0.4 |



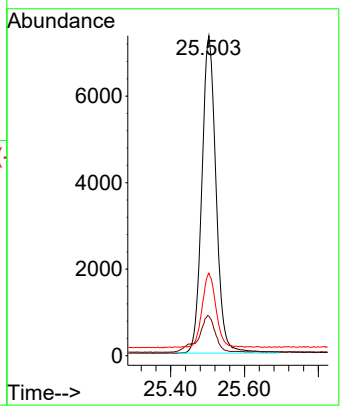


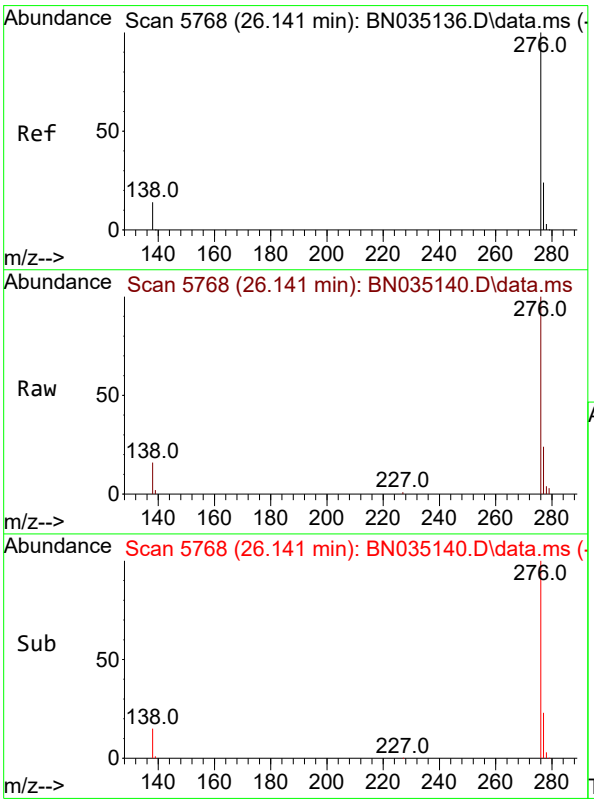

#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 25.503 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

**Instrument :**
BNA_N
**ClientSampleId :**
SICV229

Tgt Ion:278 Resp: 19605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.3 | 10.7 | 16.1 |
| 279 | 25.8 | 22.8 | 34.2 |




#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.141 min Scan# 5768
Delta R.T. -0.000 min
Lab File: BN035140.D
Acq: 16 Nov 2024 16:01

Tgt Ion:276 Resp: 19334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.5 | 13.0 | 19.6 |
| 277 | 24.4 | 20.5 | 30.7 |