Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032520.D
Acq On : 05 Jul 2024 22:31
Operator : MA/JU
Sample : P2964-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Quant Time: Jul 05 23:29:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.595 | 152 | 6092 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.371 | 136 | 17171 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.244 | 164 | 8885 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.999 | 188 | 16318 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.206 | 240 | 15058 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.418 | 264 | 18329 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.139 | 96 | 4729 | 0.698 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.982 | 152 | 943 | 0.037 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.036 | 212 | 1967 | 0.043 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.420 | 128 | 2546 | 0.056 | ng/ul# | 86 |
| 7) 2-Methylnaphthalene | 12.054 | 142 | 807 | 0.027 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.268 | 142 | 636 | 0.020 | ng/ul | 99 |
| 10) Acenaphthylene | 13.962 | 152 | 3326 | 0.090 | ng/ul# | 90 |
| 11) Acenaphthene | 14.304 | 153 | 2041 | 0.071 | ng/ul | 96 |
| 12) Fluorene | 15.303 | 166 | 2227 | 0.065 | ng/ul# | 97 |
| 15) Phenanthrene | 17.041 | 178 | 39892 | 0.892 | ng/ul | 100 |
| 16) Anthracene | 17.134 | 178 | 8859 | 0.222 | ng/ul# | 95 |
| 19) Fluoranthene | 19.069 | 202 | 74547 | 1.300 | ng/ul | 100 |
| 20) Pyrene | 19.431 | 202 | 56372 | 0.941 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.188 | 228 | 35574 | 0.655 | ng/ul | 97 |
| 22) Chrysene | 21.241 | 228 | 35575 | 0.596 | ng/ul | 96 |
| 24) Benzo(b)fluoranthene | 22.754 | 252 | 72822 | 0.914 | ng/ul | 97 |
| 26) Benzo(a)pyrene | 23.322 | 252 | 20624 | 0.372 | ng/ul# | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 25.653 | 276 | 20044 | 0.231 | ng/ul# | 91 |
| 28) Dibenzo(a,h)anthracene | 25.649 | 278 | 6413 | 0.099 | ng/ul# | 62 |
| 29) Benzo(g,h,i)perylene | 26.344 | 276 | 2840 | 0.041 | ng/ul# | 48 |

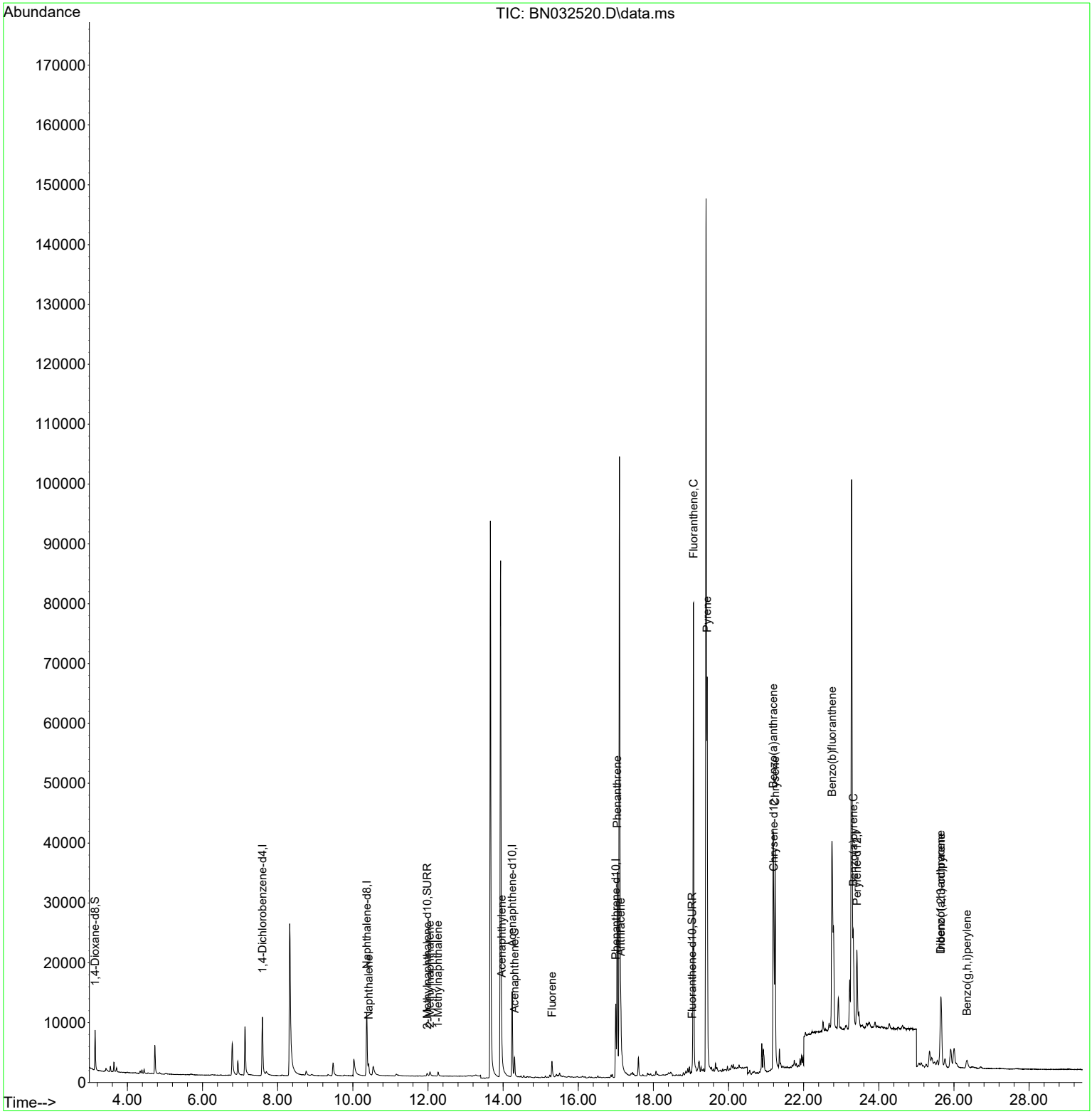
(#) = qualifier out of range (m) = manual integration (+) = signals summed

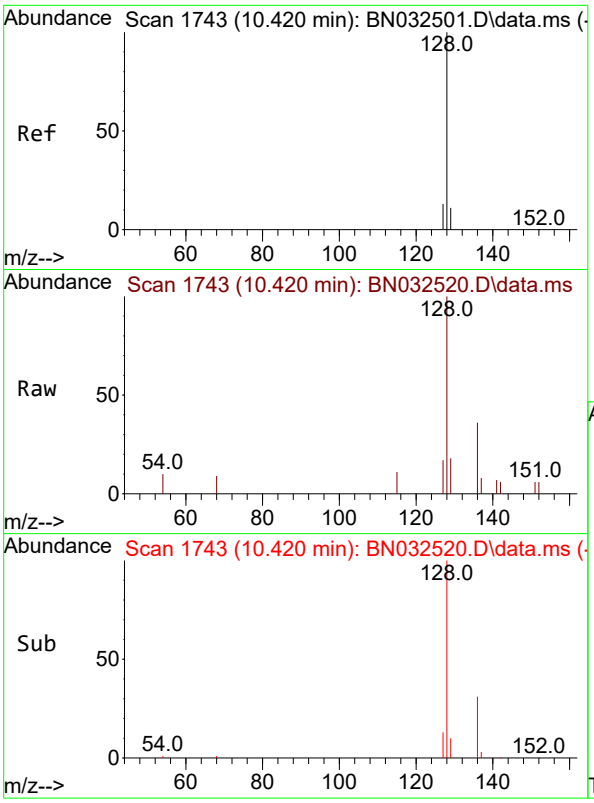
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032520.D
Acq On : 05 Jul 2024 22:31
Operator : MA/JU
Sample : P2964-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Quant Time: Jul 05 23:29:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



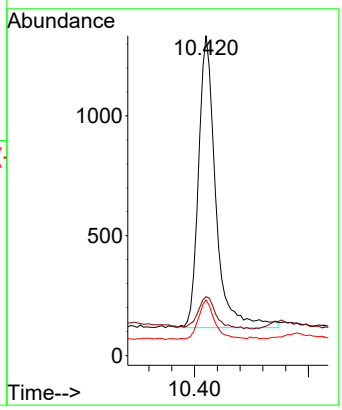


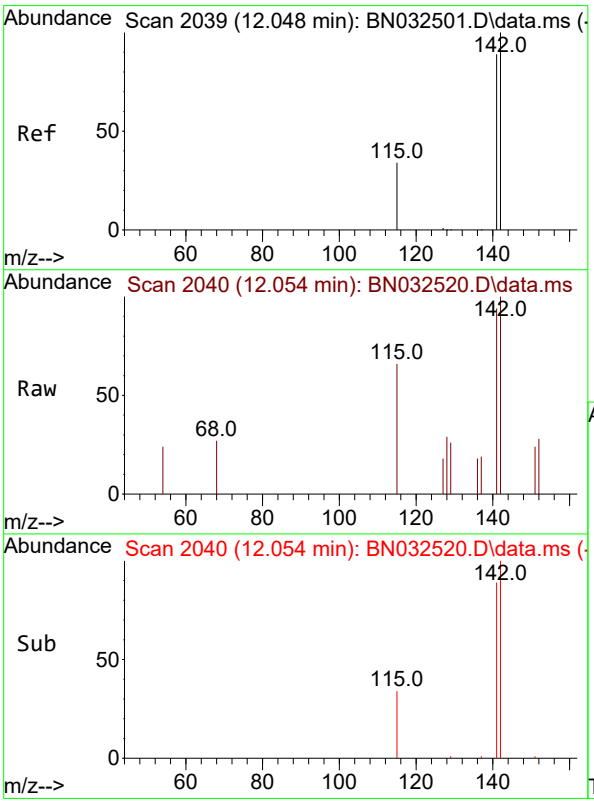

#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.420 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:128 Resp: 2546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 18.4 | 9.2 | 13.8# |
| 127 | 17.4 | 10.8 | 16.2# |

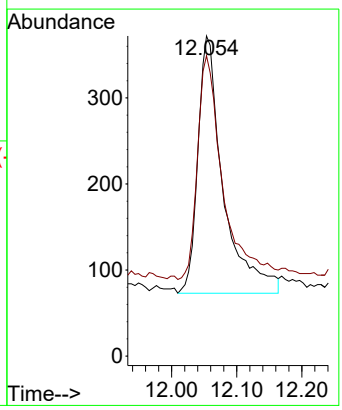


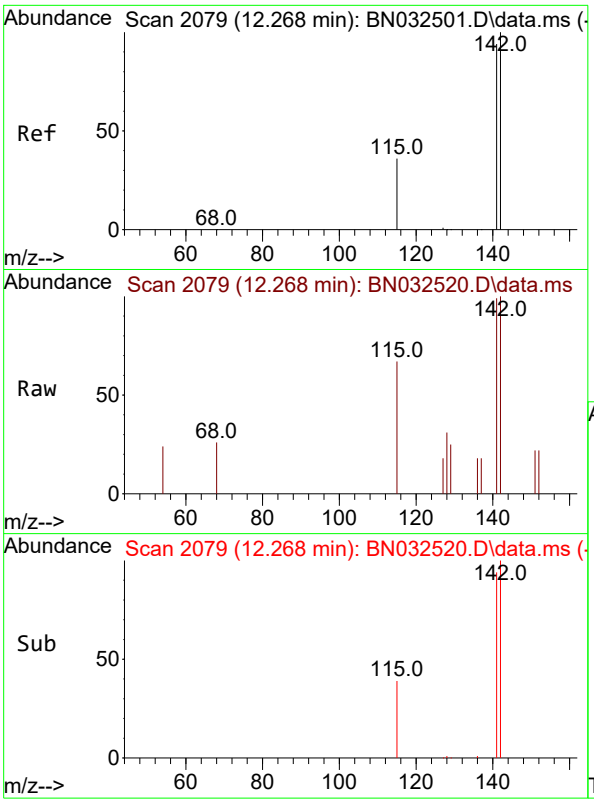




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:142 Resp: 807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 72.2 | 108.2 |



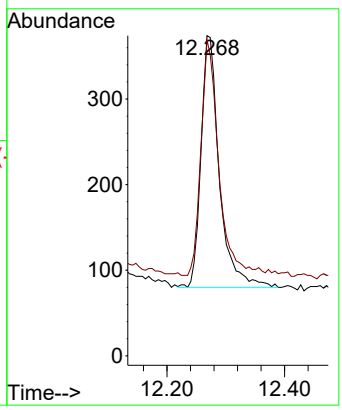


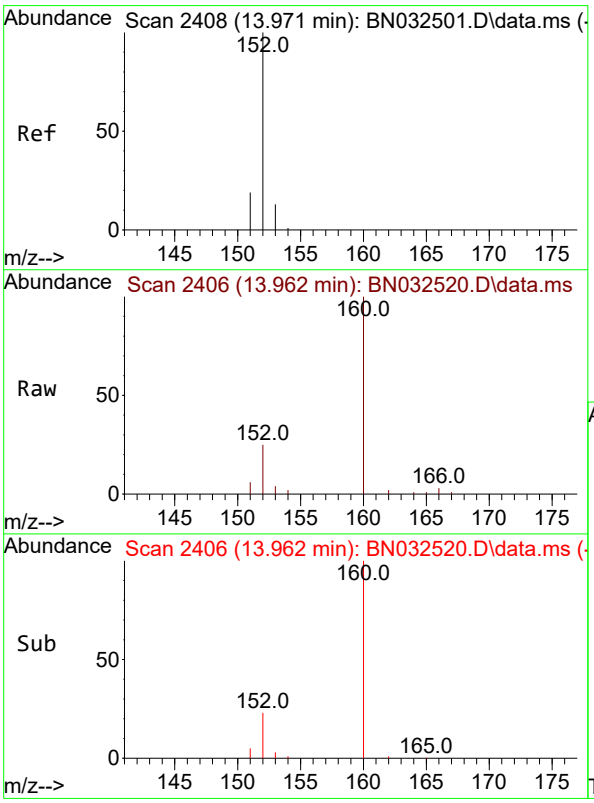

#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.268 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:142 Resp: 636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.4 | 73.4 | 110.0 |

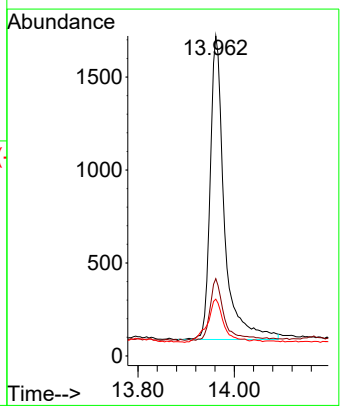


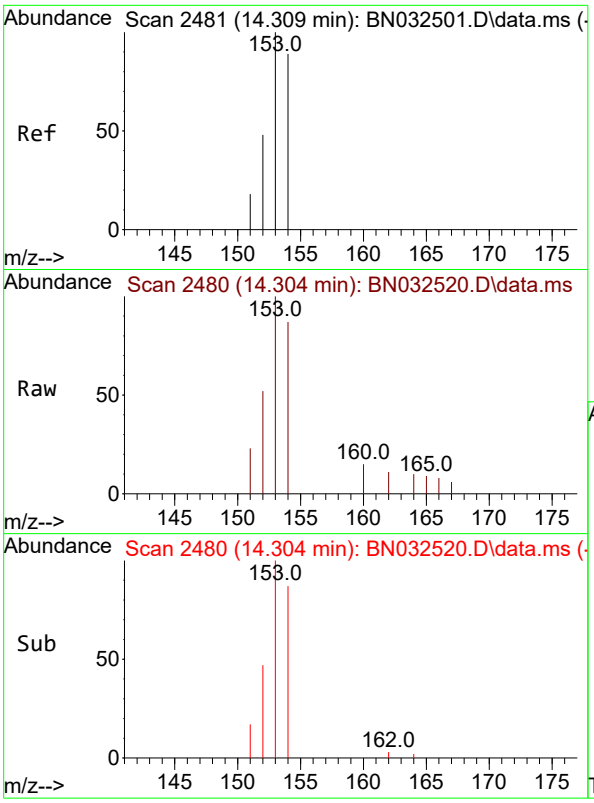




#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:152 Resp: 3326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 24.1 | 15.7 | 23.5# |
| 153 | 17.7 | 10.9 | 16.3# |



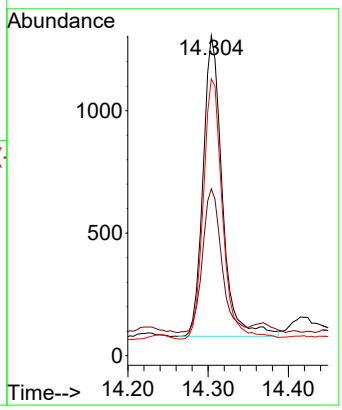


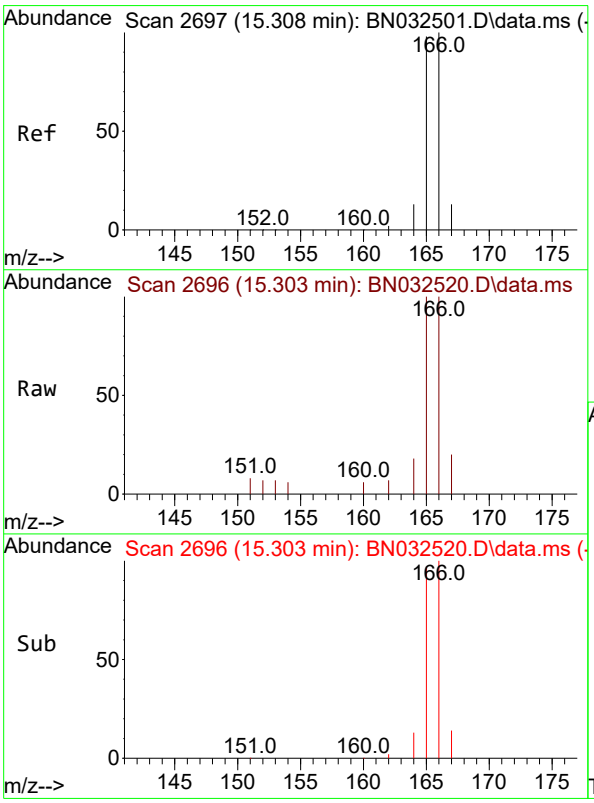

#11
Acenaphthene
Concen: 0.071 ng/ul
RT: 14.304 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:153 Resp: 2041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 52.1 | 39.5 | 59.3 |
| 154 | 86.5 | 71.7 | 107.5 |

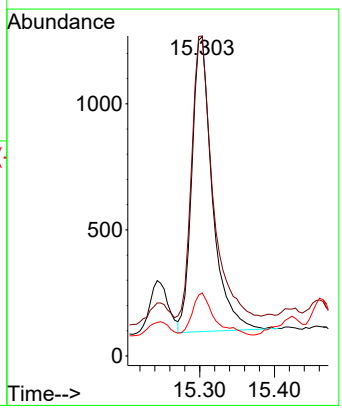


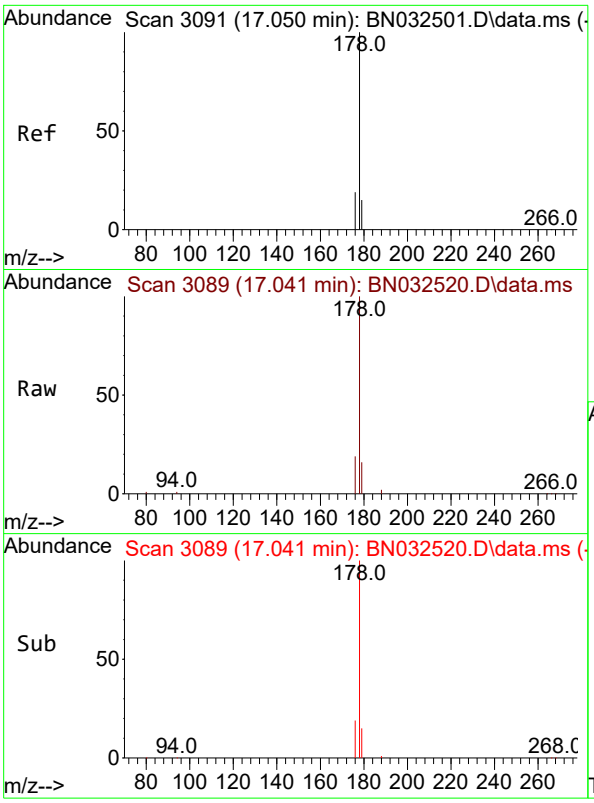




#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:166 Resp: 2227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.2 | 79.0 | 118.6 |
| 167 | 19.7 | 11.0 | 16.6# |



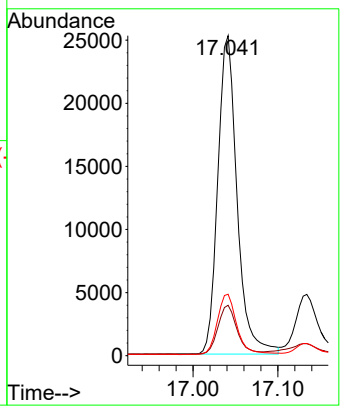


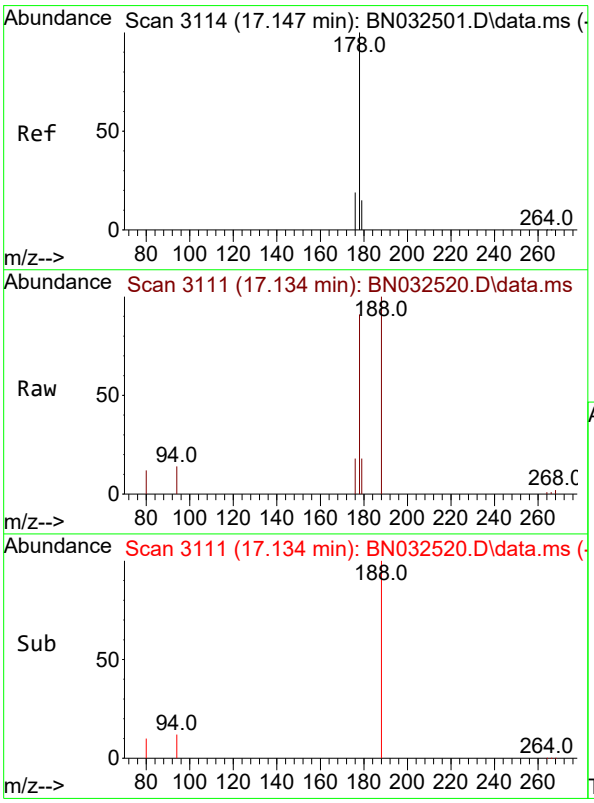

#15
Phenanthrene
Concen: 0.892 ng/ul
RT: 17.041 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:178 Resp: 39892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 12.6 | 18.8 |
| 176 | 19.2 | 15.6 | 23.4 |

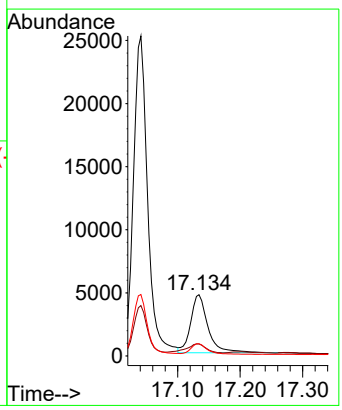


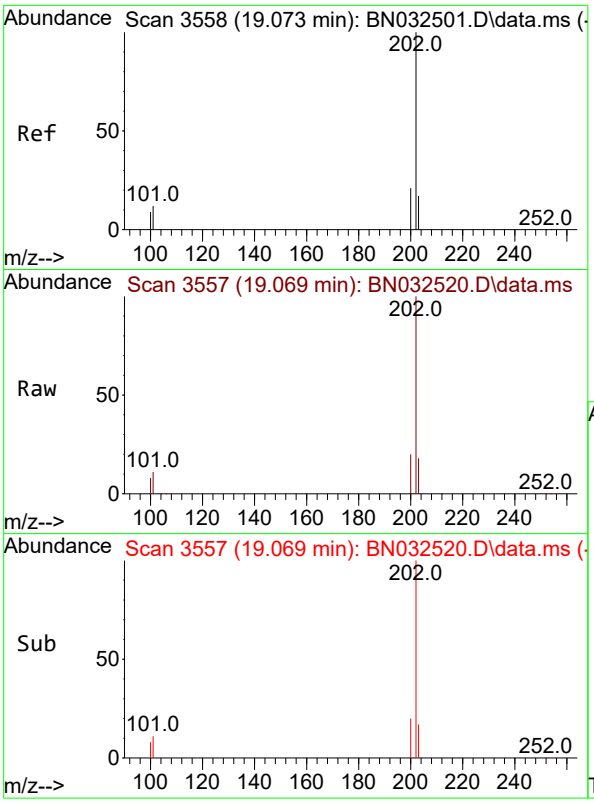




#16
Anthracene
Concen: 0.222 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:178 Resp: 8859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 19.5 | 12.5 | 18.7# |
| 176 | 19.9 | 15.0 | 22.6 |



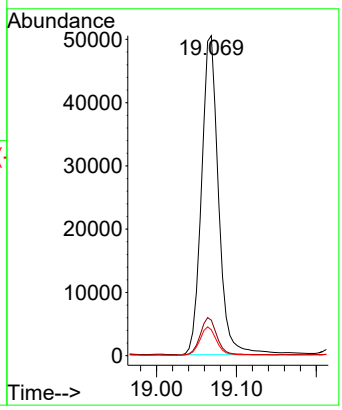


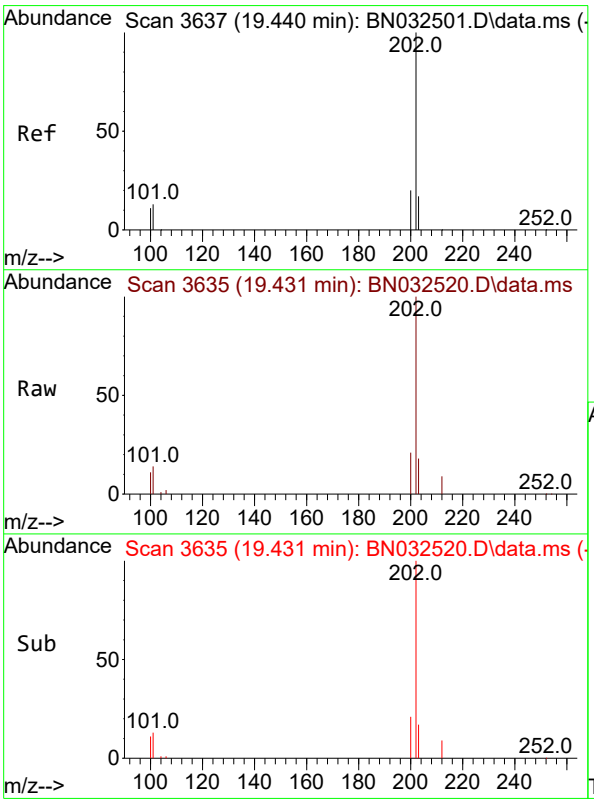

#19
Fluoranthene
Concen: 1.300 ng/ul
RT: 19.069 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:202 Resp: 74547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 8.8 | 13.2 |
| 100 | 8.1 | 6.4 | 9.6 |

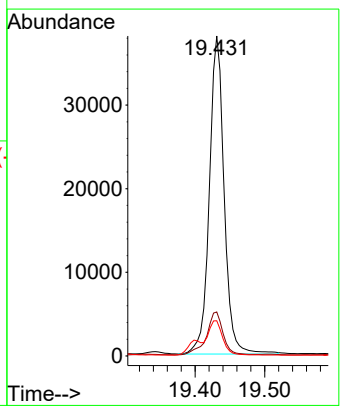


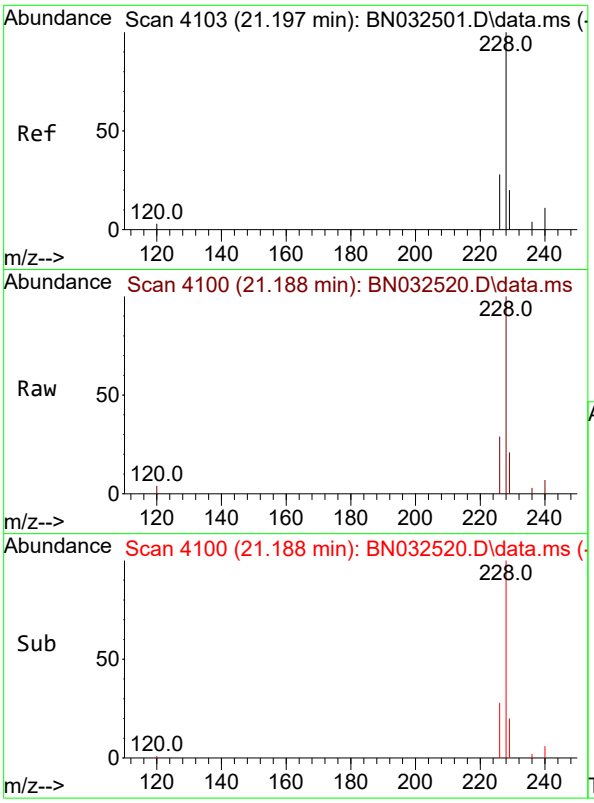




#20
Pyrene
Concen: 0.941 ng/ul
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:202 Resp: 56372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.8 | 11.0 | 16.4 |
| 100 | 11.0 | 8.7 | 13.1 |





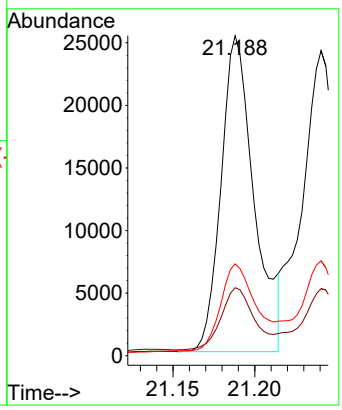

#21
Benzo(a)anthracene
Concen: 0.655 ng/ul
RT: 21.188 min Scan# 4

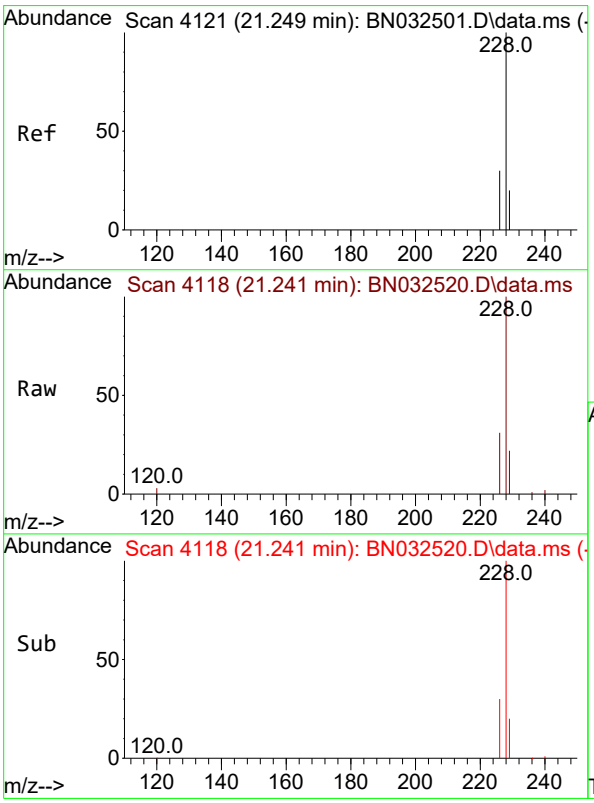
**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Delta R.T. -0.003 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:228 Resp: 35574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.3 | 15.7 | 23.5 |
| 226 | 28.7 | 21.8 | 32.8 |

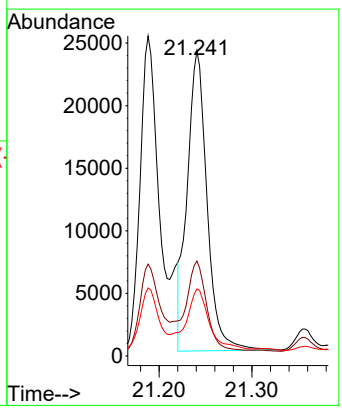


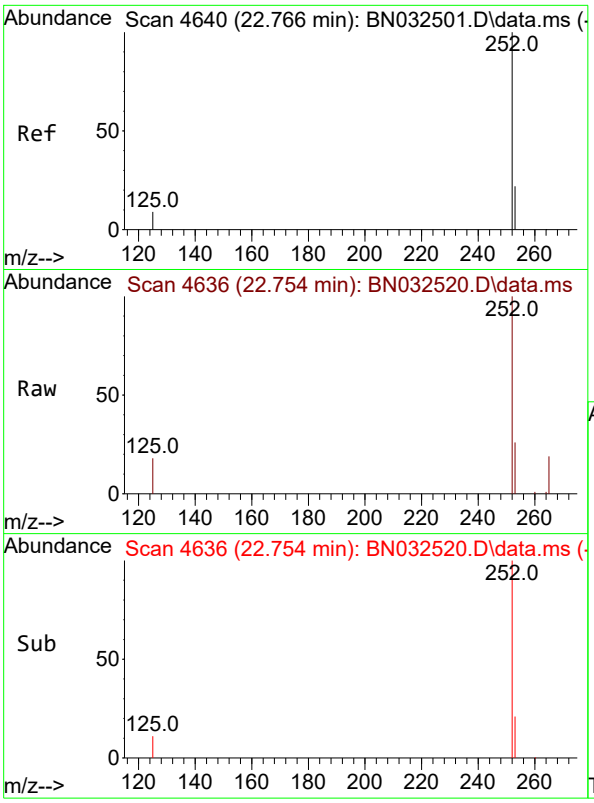




#22
Chrysene
Concen: 0.596 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:228 Resp: 35575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 23.6 | 35.4 |
| 229 | 22.0 | 15.7 | 23.5 |



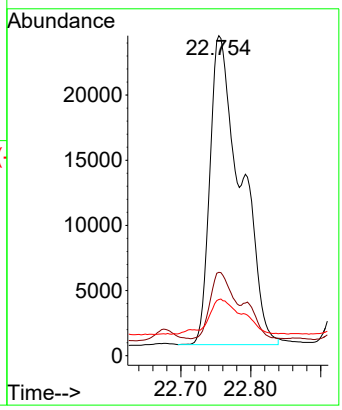


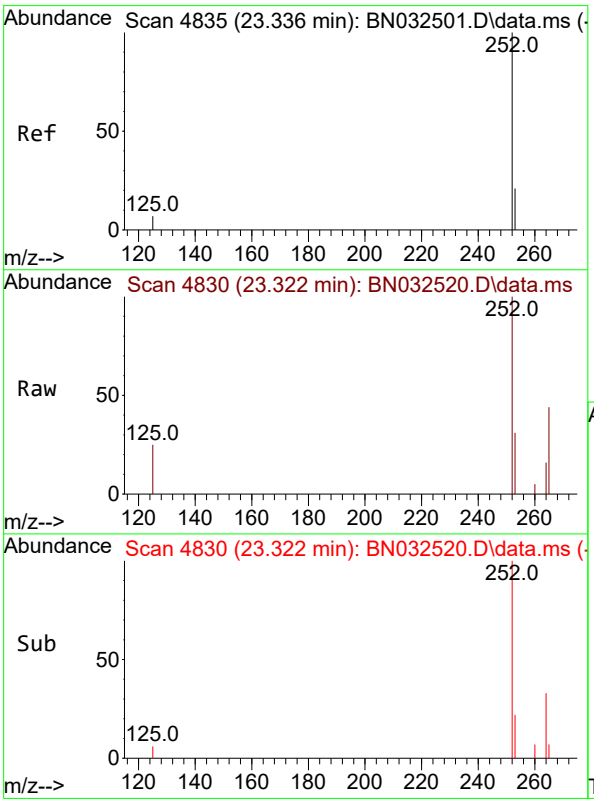

#24
Benzo(b)fluoranthene
Concen: 0.914 ng/ul
RT: 22.754 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:252 Resp: 72822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.1 | 0.0 | 50.2 |
| 125 | 17.5 | 0.0 | 32.0 |

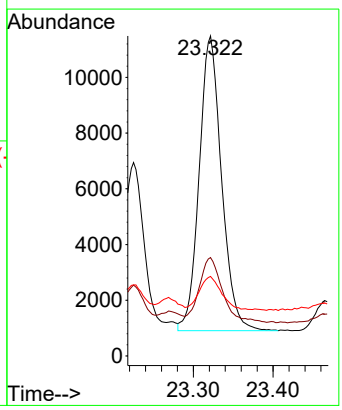


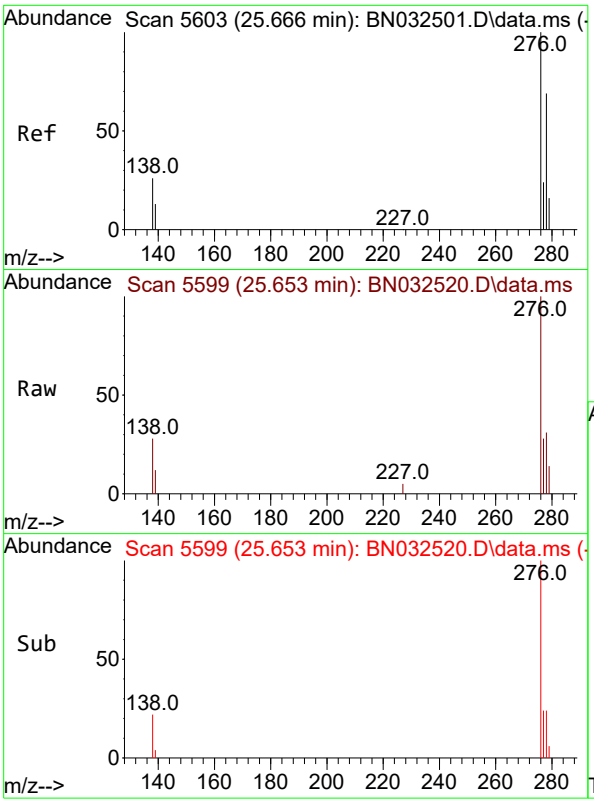




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.322 min Scan# 4830
Delta R.T. -0.006 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:252 Resp: 20624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.7 | 22.2 | 33.2 |
| 125 | 24.8 | 16.4 | 24.6# |



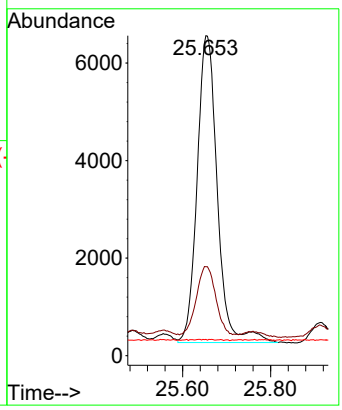


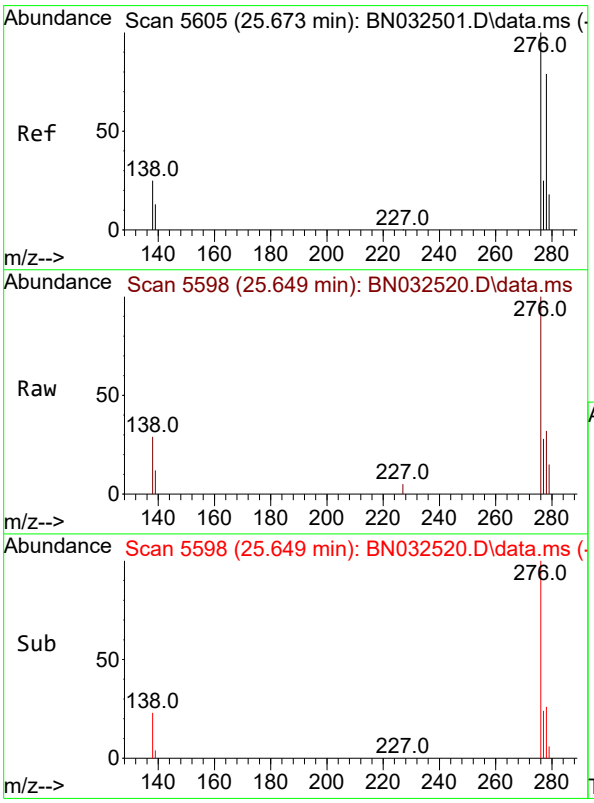

#27
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng/ul
RT: 25.653 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:276 Resp: 20044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.9 | 21.3 | 31.9 |
| 227 | 0.0 | 0.1 | 0.1# |

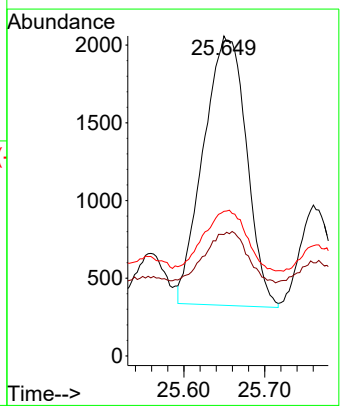


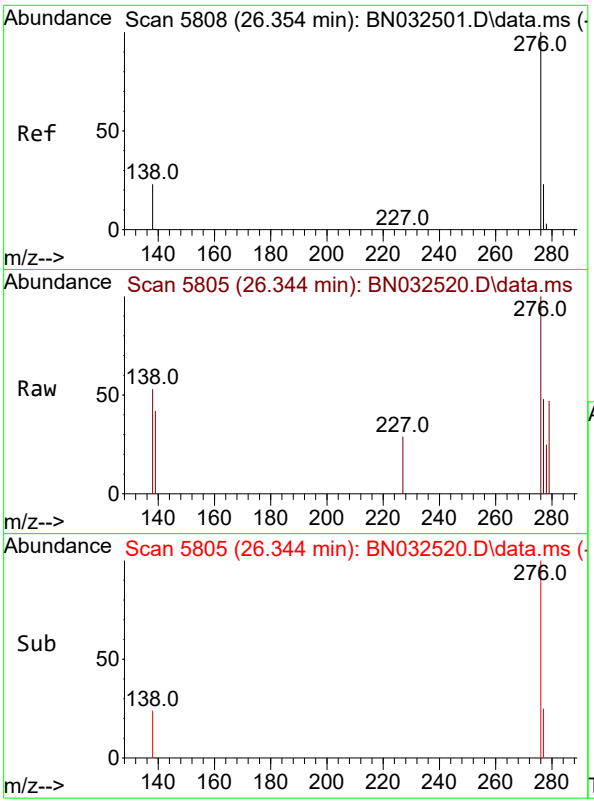




#28
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 25.649 min Scan# 5598
Delta R.T. -0.017 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:278 Resp: 6413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 37.9 | 15.9 | 23.9# |
| 279 | 45.2 | 21.1 | 31.7# |






#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.344 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

**Instrument :**
BNA_N
**ClientSampleId :**
A4CT3DL

Tgt Ion:276 Resp: 2840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 53.0 | 19.8 | 29.6# |
| 277 | 48.5 | 19.8 | 29.6# |