Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024787.D
Acq On : 06 Apr 2023 19:19
Operator : CG/JU
Sample : 02006-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Quant Time: Apr 06 23:08:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.955 | 152 | 8126 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.769 | 136 | 23265 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.597 | 164 | 13955 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.342 | 188 | 30921 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.531 | 240 | 26146 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.972 | 264 | 25024 | 0.400 | ng/ul | #-0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.318 | 96 | 6245 | 0.749 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.358 | 152 | 1415 | 0.049 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.372 | 212 | 2707 | 0.042 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.818 | 128 | 6097 | 0.107 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.430 | 142 | 1811 | 0.051 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.650 | 142 | 854 | 0.023 | ng/ul | 98 |
| 10) Acenaphthylene | 14.320 | 152 | 2495 | 0.051 | ng/ul# | 92 |
| 12) Fluorene | 15.643 | 166 | 1421 | 0.029 | ng/ul# | 95 |
| 15) Phenanthrene | 17.384 | 178 | 19708 | 0.232 | ng/ul | 99 |
| 16) Anthracene | 17.477 | 178 | 3431 | 0.048 | ng/ul# | 93 |
| 19) Fluoranthene | 19.400 | 202 | 51410 | 0.558 | ng/ul | 98 |
| 20) Pyrene | 19.762 | 202 | 10925 | 0.116 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.513 | 228 | 23895 | 0.304 | ng/ul | 98 |
| 22) Chrysene | 21.569 | 228 | 25928 | 0.300 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.226 | 252 | 48722 | 0.469 | ng/ul | 93 |
| 26) Benzo(a)pyrene | 23.864 | 252 | 2046 | 0.025 | ng/ul# | 1 |
| 27) Indeno(1,2,3-cd)pyrene | 26.510 | 276 | 3331 | 0.034 | ng/ul# | 96 |
| 28) Dibenzo(a,h)anthracene | 26.533 | 278 | 4130 | 0.053 | ng/ul# | 69 |

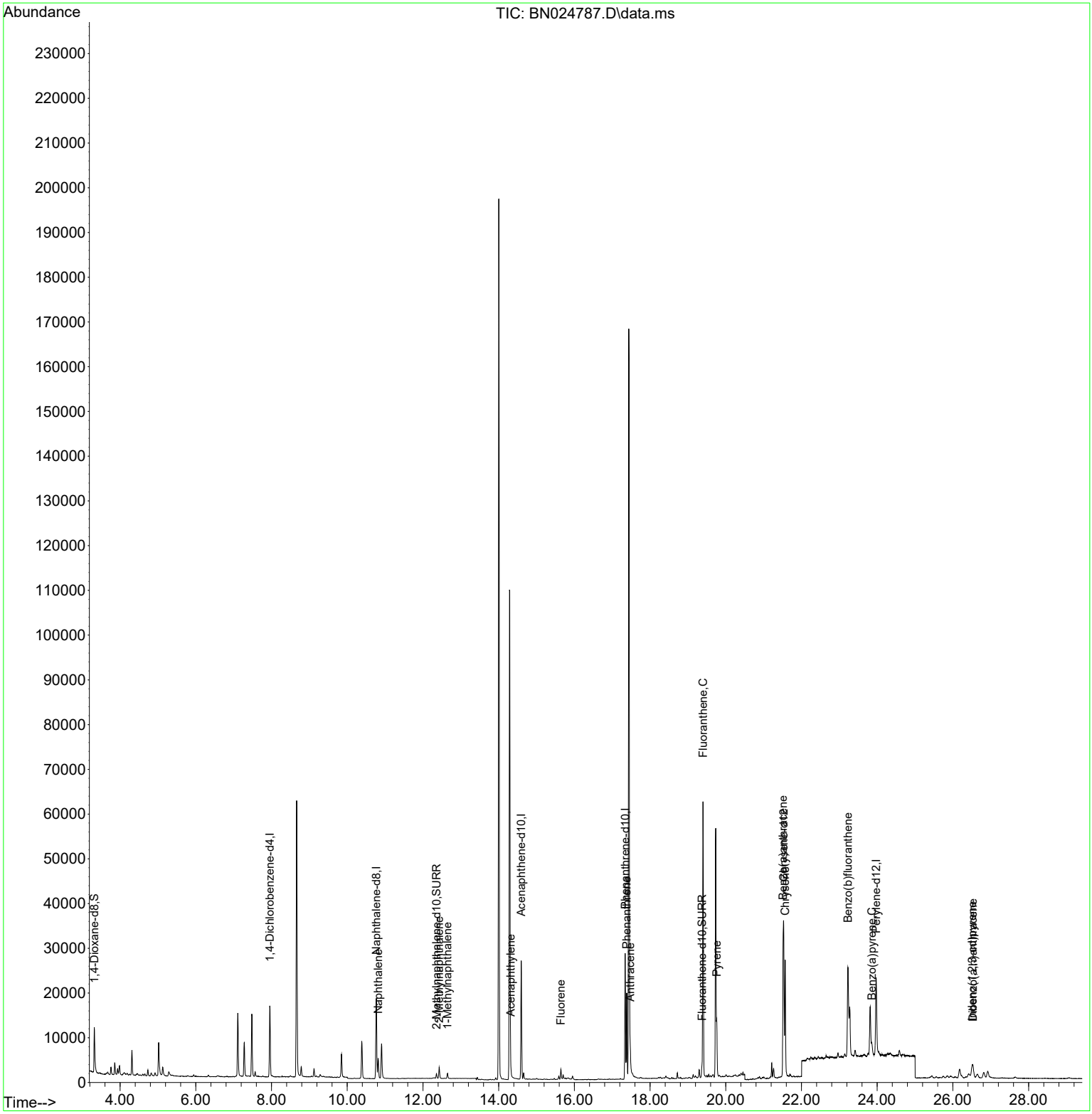
(#) = qualifier out of range (m) = manual integration (+) = signals summed

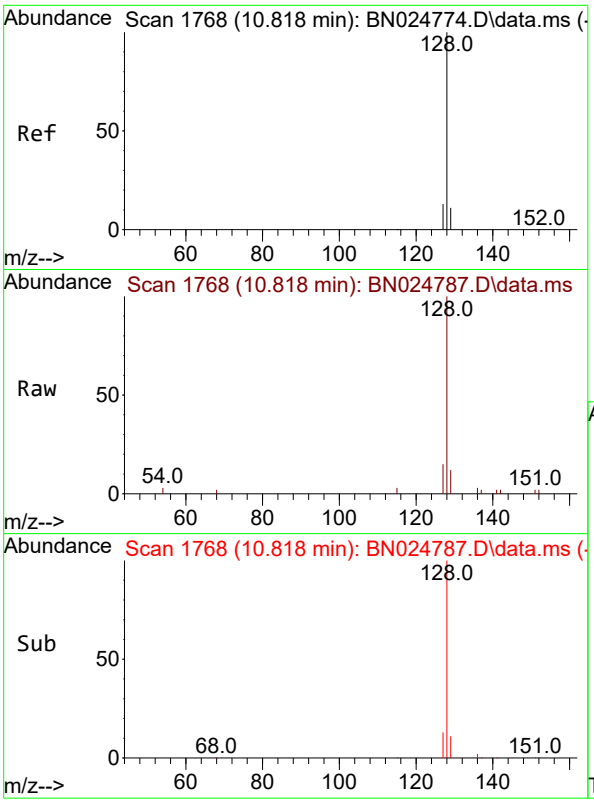
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024787.D
Acq On : 06 Apr 2023 19:19
Operator : CG/JU
Sample : 02006-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Quant Time: Apr 06 23:08:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration



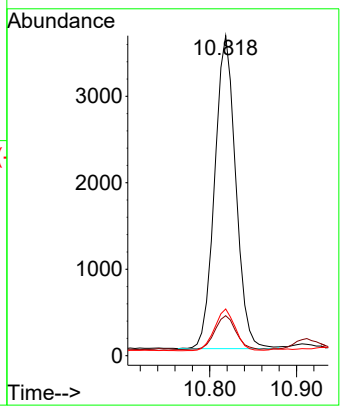


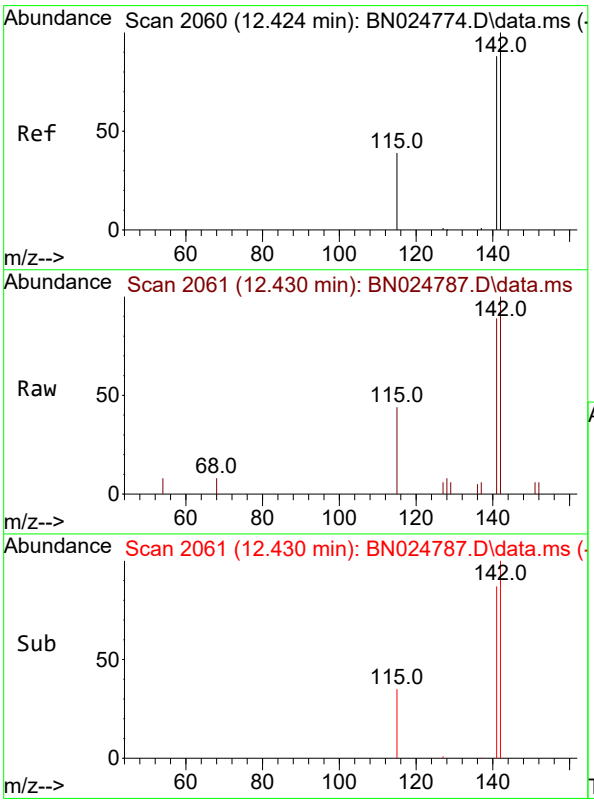

#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.818 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:128 Resp: 6097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.5 | 9.0 | 13.6 |
| 127 | 14.6 | 10.5 | 15.7 |

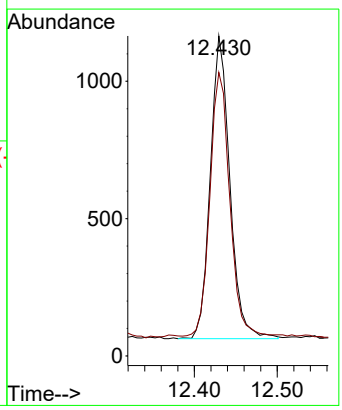


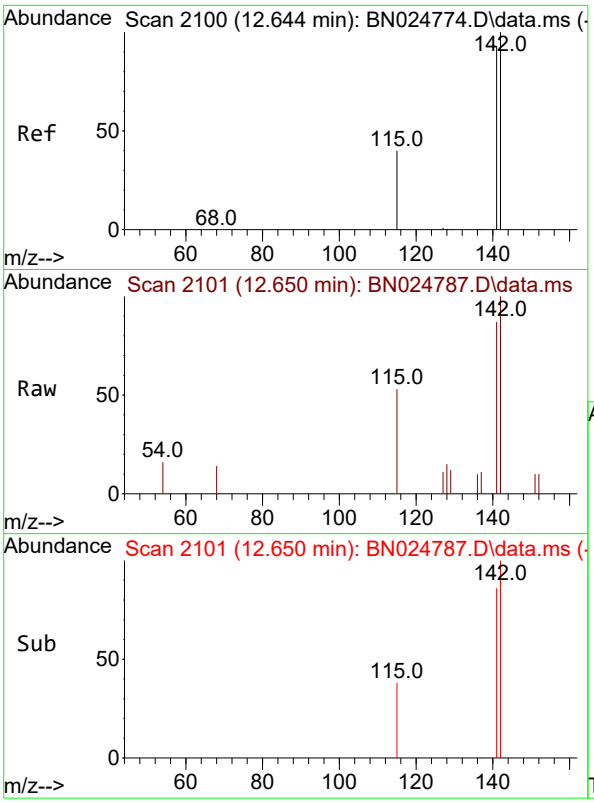




#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. 0.004 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

Tgt Ion:142 Resp: 1811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.0 | 70.9 | 106.3 |



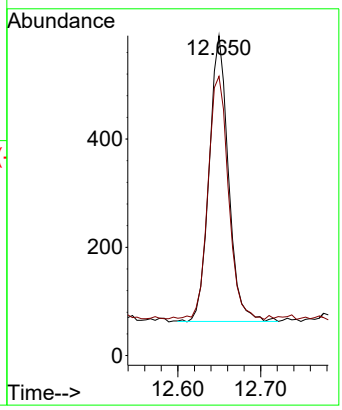


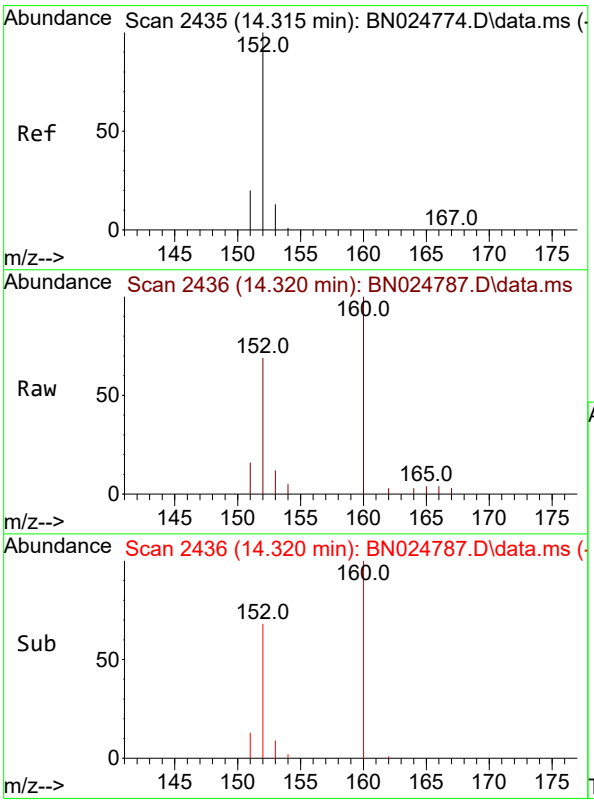

#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.650 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:142 Resp: 854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.2 | 73.5 | 110.3 |

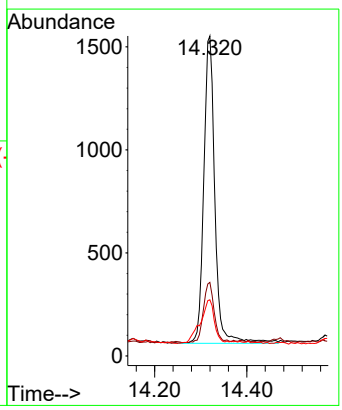


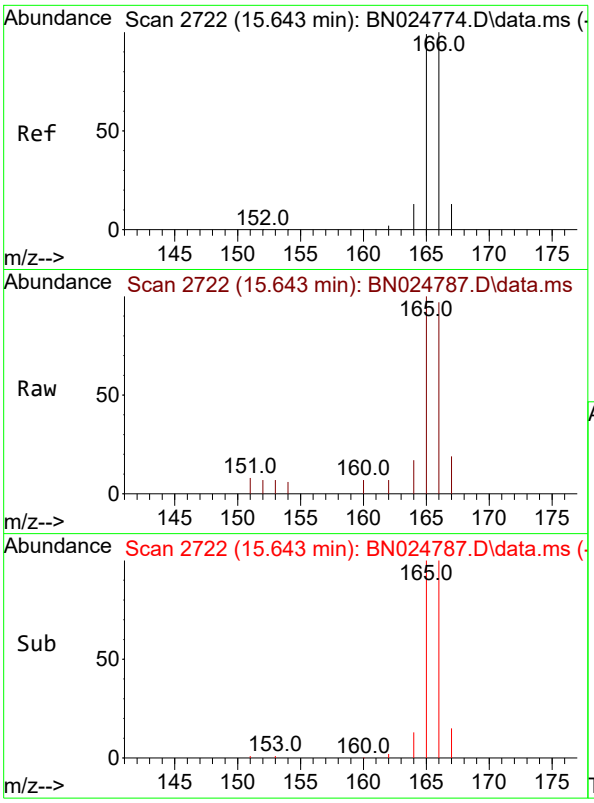




#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. 0.004 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

Tgt Ion:152 Resp: 2495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.0 | 16.1 | 24.1 |
| 153 | 17.5 | 10.6 | 16.0# |



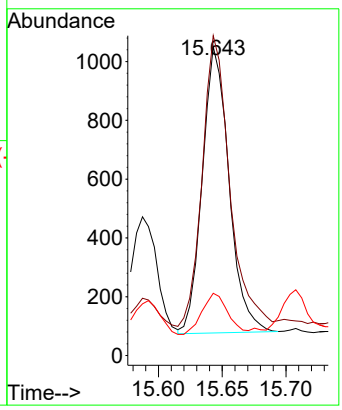


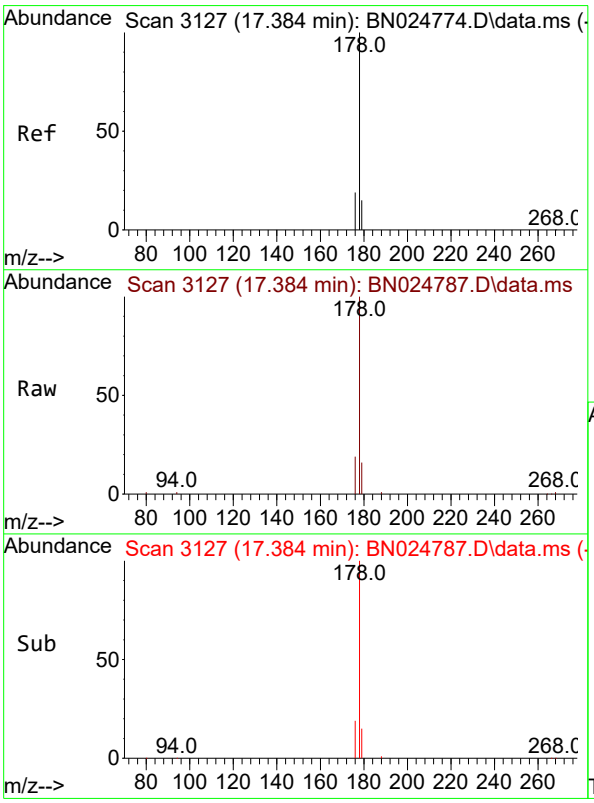

#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.643 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:166 Resp: 1421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 103.5 | 80.0 | 120.0 |
| 167 | 20.2 | 10.8 | 16.2# |

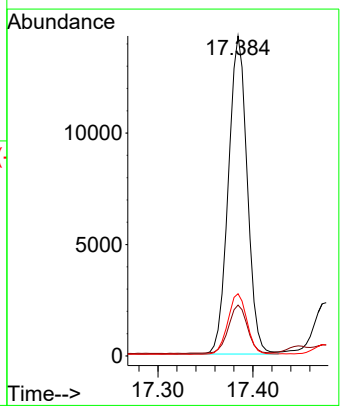


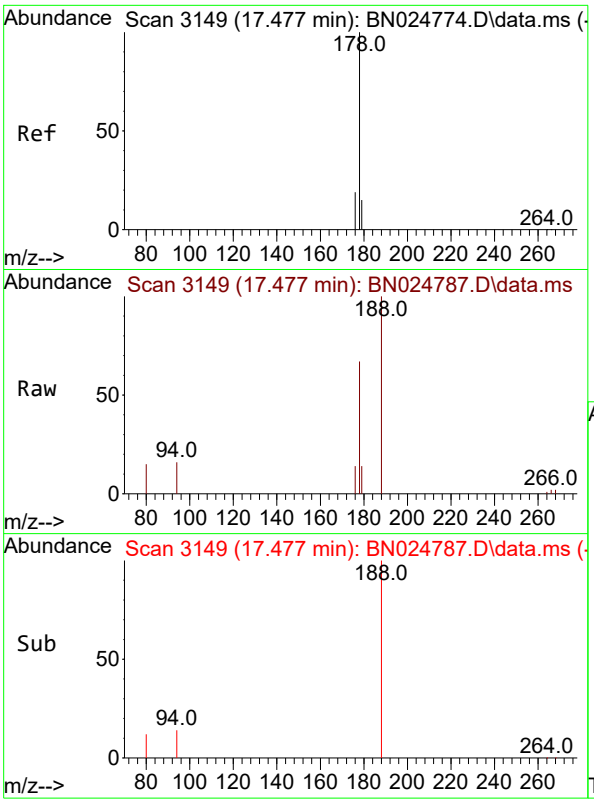




#15
Phenanthrene
Concen: 0.232 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

Tgt Ion:178 Resp: 19708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.9 | 12.3 | 18.5 |
| 176 | 19.5 | 15.5 | 23.3 |



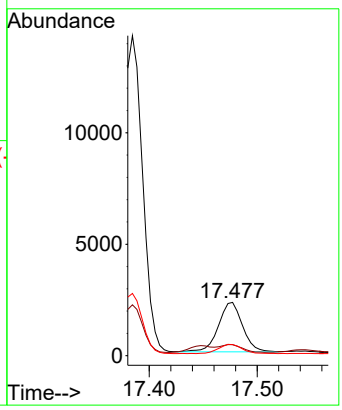


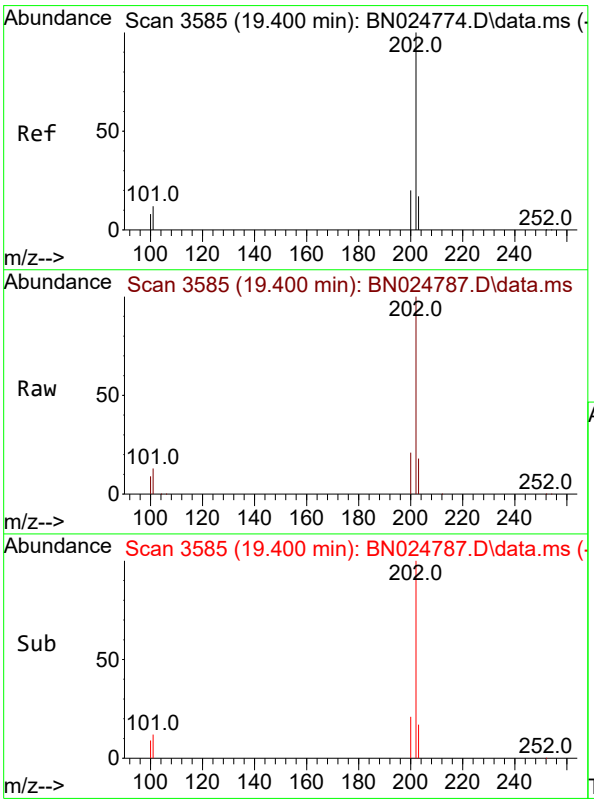

#16
Anthracene
Concen: 0.048 ng/ul
RT: 17.477 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:178 Resp: 3431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 20.7 | 12.7 | 19.1# |
| 176 | 20.7 | 15.2 | 22.8 |

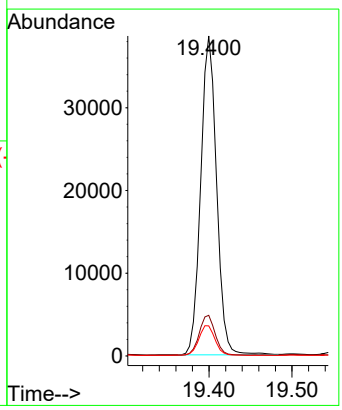


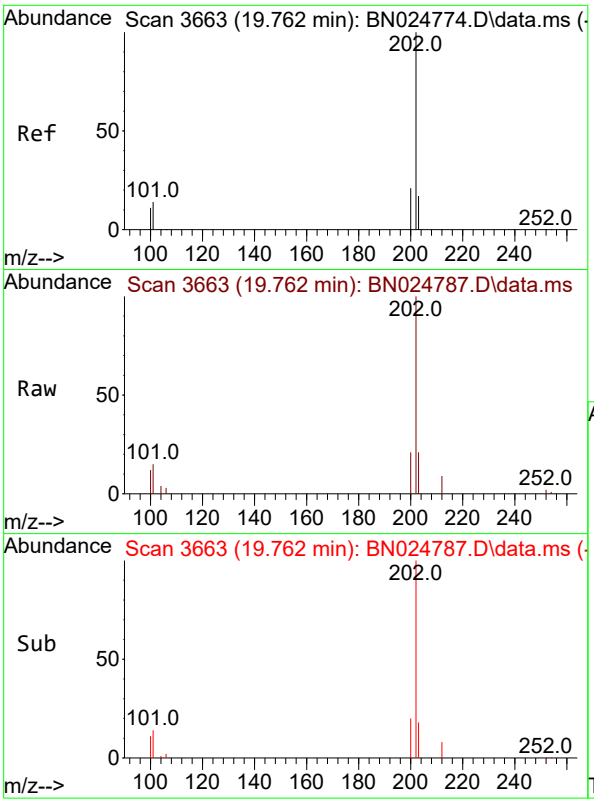




#19
Fluoranthene
Concen: 0.558 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

Tgt Ion:202 Resp: 51410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.7 | 9.6 | 14.4 |
| 100 | 9.4 | 7.0 | 10.6 |



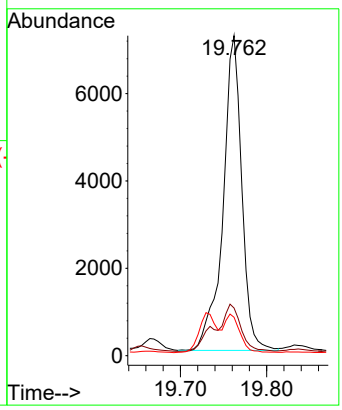


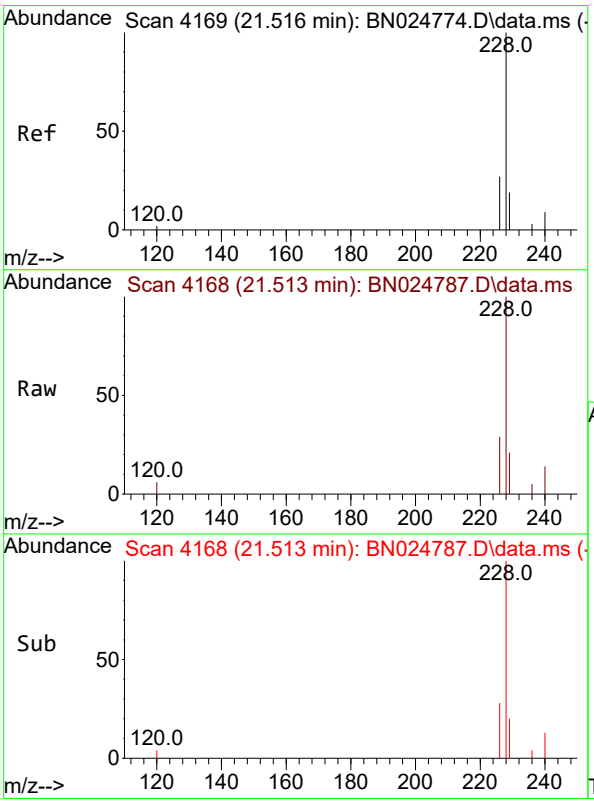

#20
Pyrene
Concen: 0.116 ng/ul
RT: 19.762 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:202 Resp: 10925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.9 | 10.9 | 16.3 |
| 100 | 12.0 | 8.7 | 13.1 |

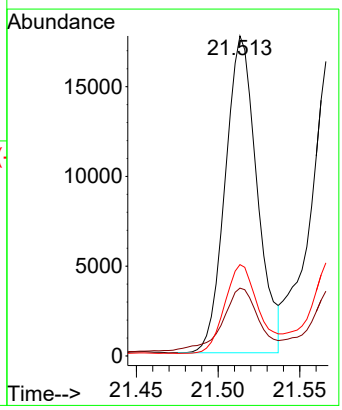


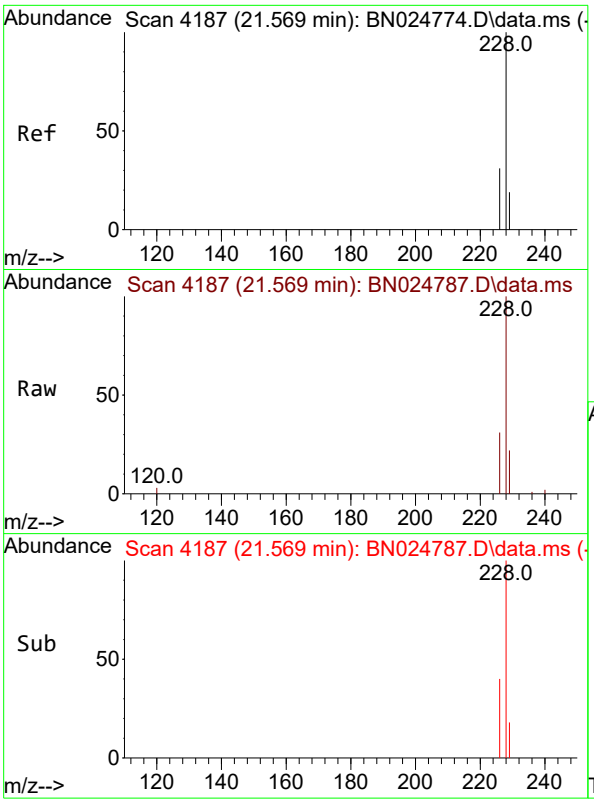




#21
Benzo(a)anthracene
Concen: 0.304 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

Tgt Ion:228 Resp: 23895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.2 | 15.6 | 23.4 |
| 226 | 28.6 | 22.5 | 33.7 |



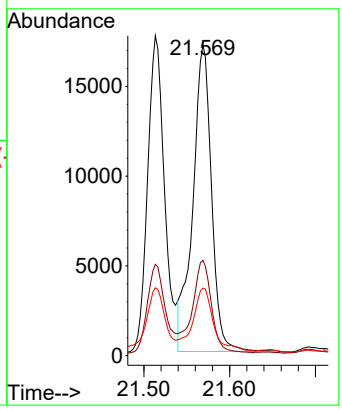


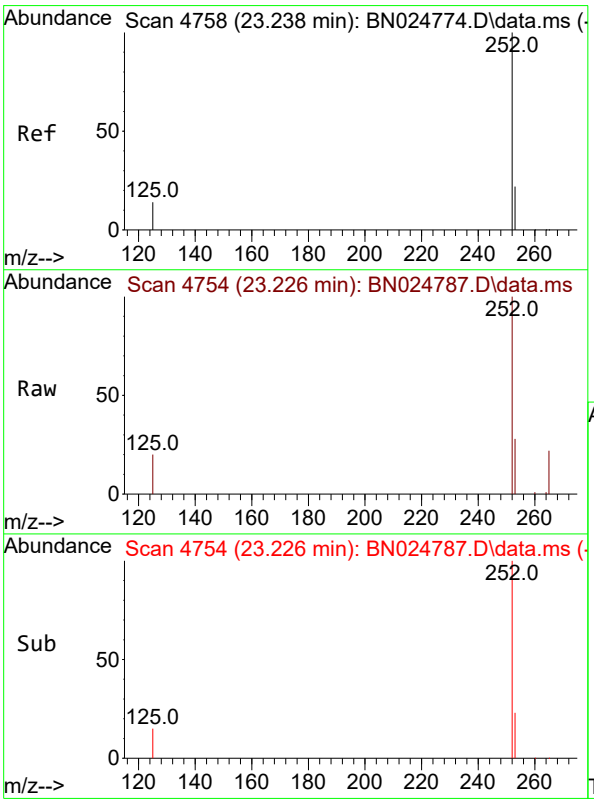

#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.569 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:228 Resp: 25928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 24.6 | 37.0 |
| 229 | 21.7 | 15.6 | 23.4 |

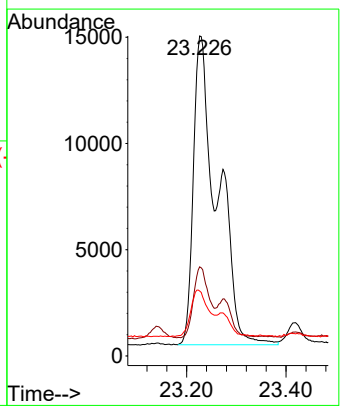


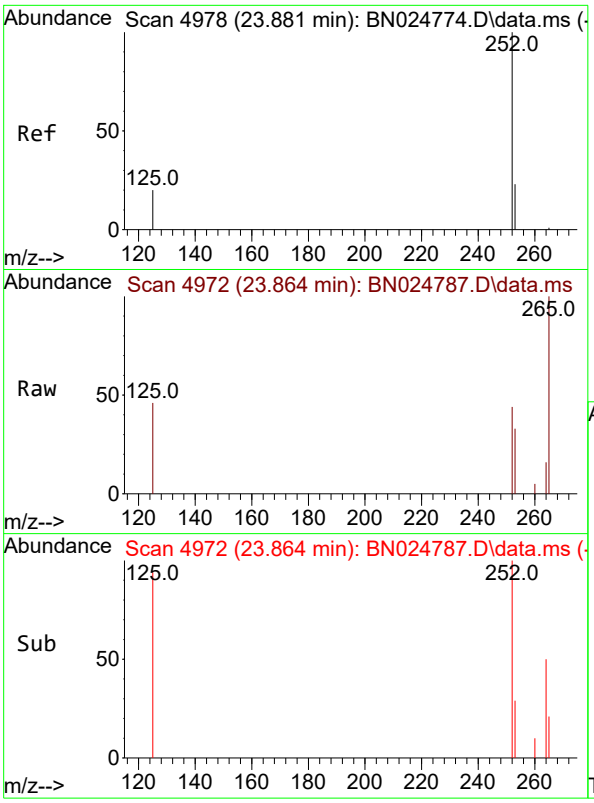




#24
Benzo(b)fluoranthene
Concen: 0.469 ng/ul
RT: 23.226 min Scan# 4754
Delta R.T. -0.007 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

Tgt Ion:252 Resp: 48722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.8 | 0.0 | 49.6 |
| 125 | 20.3 | 0.0 | 32.4 |



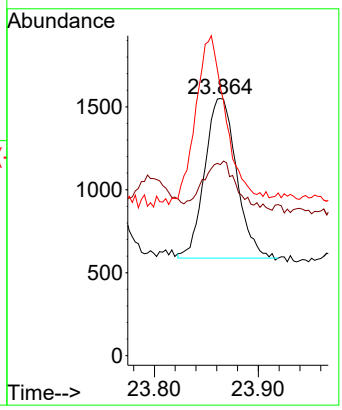


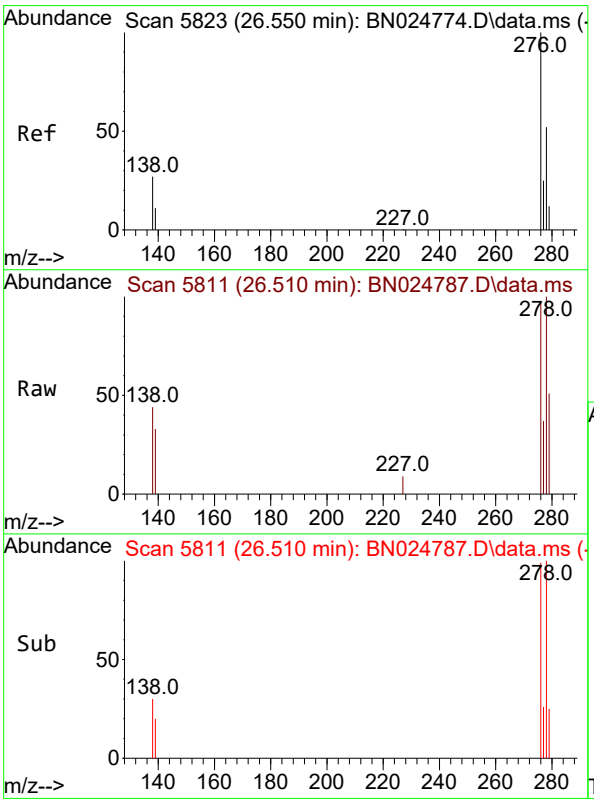

#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.864 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:252 Resp: 2046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 74.3 | 21.8 | 32.8# |
| 125 | 104.2 | 15.4 | 23.0# |

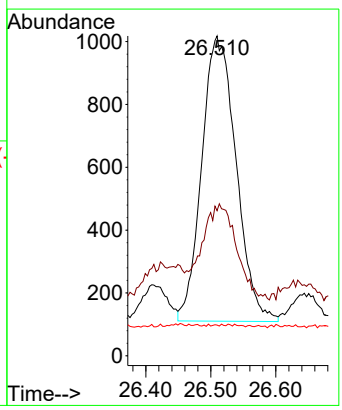


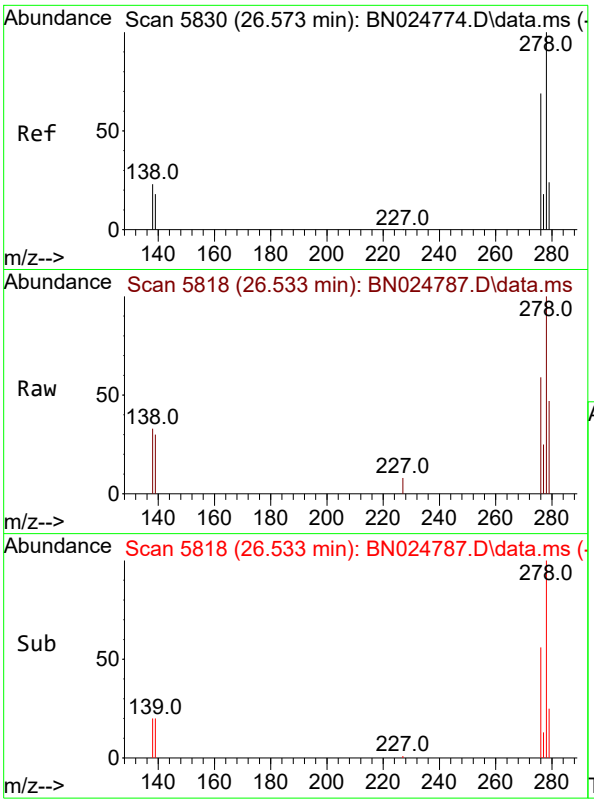




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul
RT: 26.510 min Scan# 5811
Delta R.T. -0.011 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

Tgt Ion:276 Resp: 3331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 33.0 | 24.6 | 36.8 |
| 227 | 0.0 | 0.1 | 0.1# |






#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.533 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN024787.D
Acq: 06 Apr 2023 19:19

**Instrument :**
BNA_N
**ClientSampleId :**
CB948DL

Tgt Ion:278 Resp: 4130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 30.3 | 16.5 | 24.7# |
| 279 | 47.0 | 21.8 | 32.8# |