Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026137.D
Acq On : 30 Jun 2023 19:33
Operator : MA/JU
Sample : 03143-20DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Quant Time: Jul 01 01:47:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.963 | 152 | 8027 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.776 | 136 | 26015 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.603 | 164 | 14944 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.351 | 188 | 29154 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.538 | 240 | 15543 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.008 | 264 | 15327 | 0.400 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.322 | 96 | 3744 | 0.414 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.365 | 152 | 1055 | 0.026 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.377 | 212 | 1962 | 0.033 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.825 | 128 | 2140 | 0.029 | ng/ul# | 86 |
| 7) 2-Methylnaphthalene | 12.442 | 142 | 1173 | 0.025 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.656 | 142 | 985 | 0.020 | ng/ul | 96 |
| 10) Acenaphthylene | 14.325 | 152 | 3563 | 0.051 | ng/ul# | 93 |
| 11) Acenaphthene | 14.667 | 153 | 1388 | 0.024 | ng/ul | 97 |
| 15) Phenanthrene | 17.393 | 178 | 35330 | 0.367 | ng/ul | 100 |
| 16) Anthracene | 17.486 | 178 | 6799 | 0.079 | ng/ul# | 93 |
| 19) Fluoranthene | 19.410 | 202 | 94137 | 1.134 | ng/ul | 97 |
| 20) Pyrene | 19.768 | 202 | 76888 | 0.890 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.520 | 228 | 31715 | 0.495 | ng/ul | 97 |
| 22) Chrysene | 21.576 | 228 | 37512 | 0.562 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.251 | 252 | 76281 | 1.166 | ng/ul | 98 |
| 25) Benzo(k)fluoranthene | 23.441 | 252 | 4025 | 0.061 | ng/ul# | 51 |
| 26) Benzo(a)pyrene | 23.888 | 252 | 35893 | 0.632 | ng/ul | 97 |
| 27) Indeno(1,2,3-cd)pyrene | 26.581 | 276 | 29436 | 0.474 | ng/ul# | 87 |
| 28) Dibenzo(a,h)anthracene | 26.588 | 278 | 7026 | 0.150 | ng/ul# | 72 |
| 29) Benzo(g,h,i)perylene | 27.376 | 276 | 27997 | 0.507 | ng/ul | 98 |

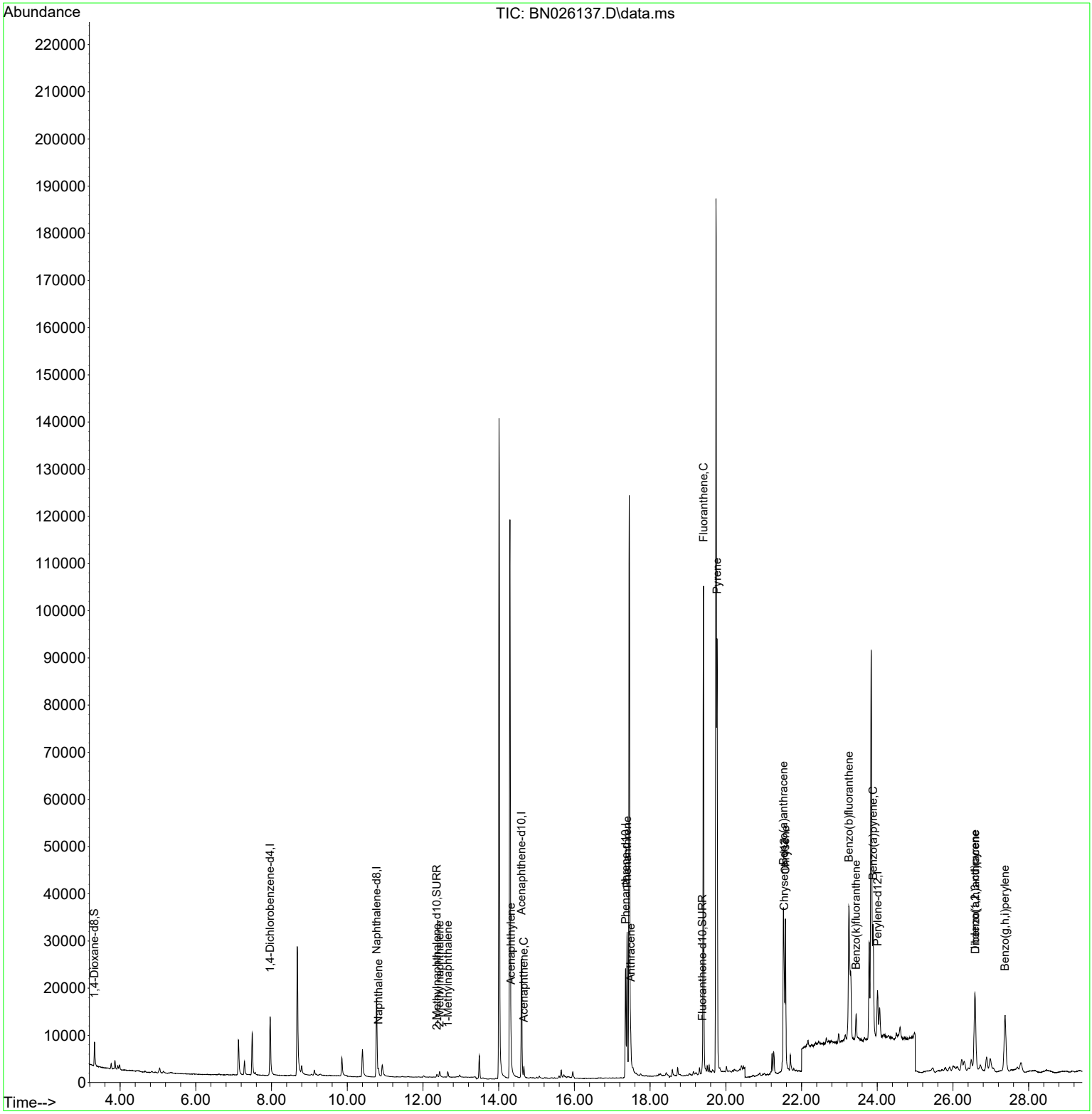
(#) = qualifier out of range (m) = manual integration (+) = signals summed

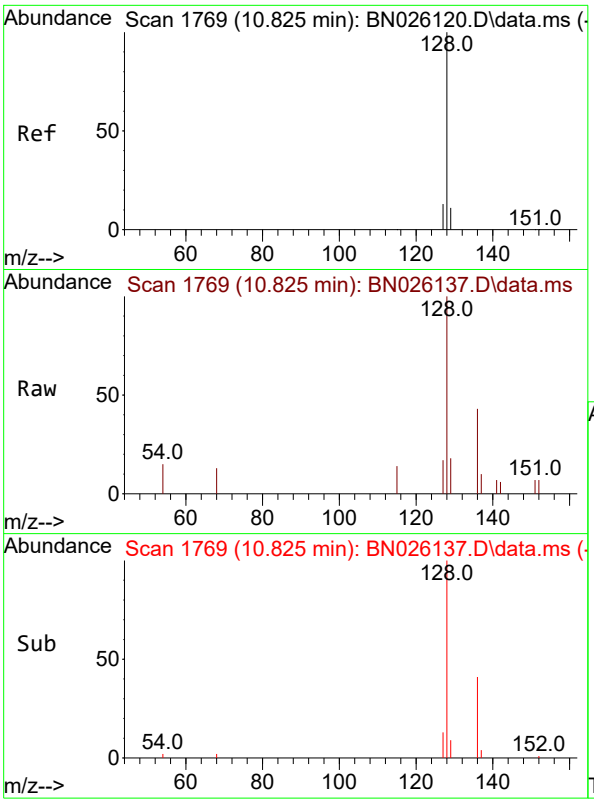
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026137.D
Acq On : 30 Jun 2023 19:33
Operator : MA/JU
Sample : 03143-20DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Quant Time: Jul 01 01:47:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration



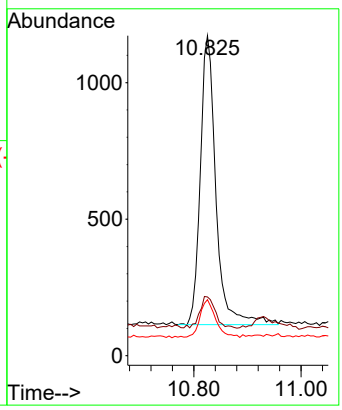


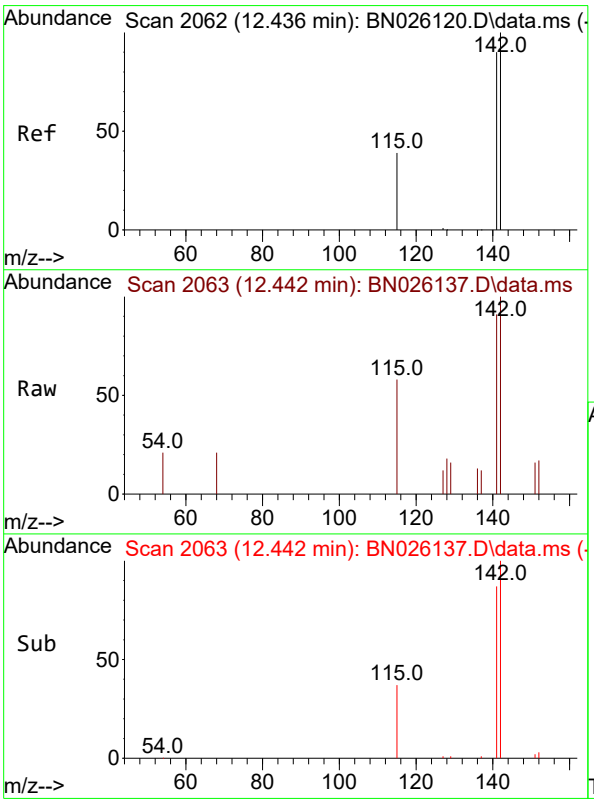

#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.825 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:128 Resp: 2140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 18.3 | 9.1 | 13.7# |
| 127 | 17.5 | 10.7 | 16.1# |

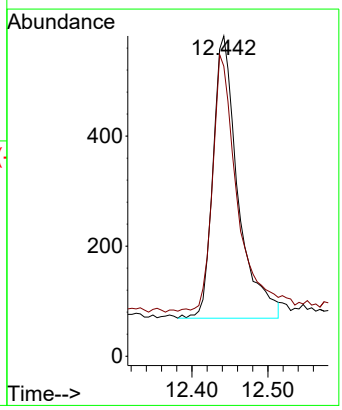


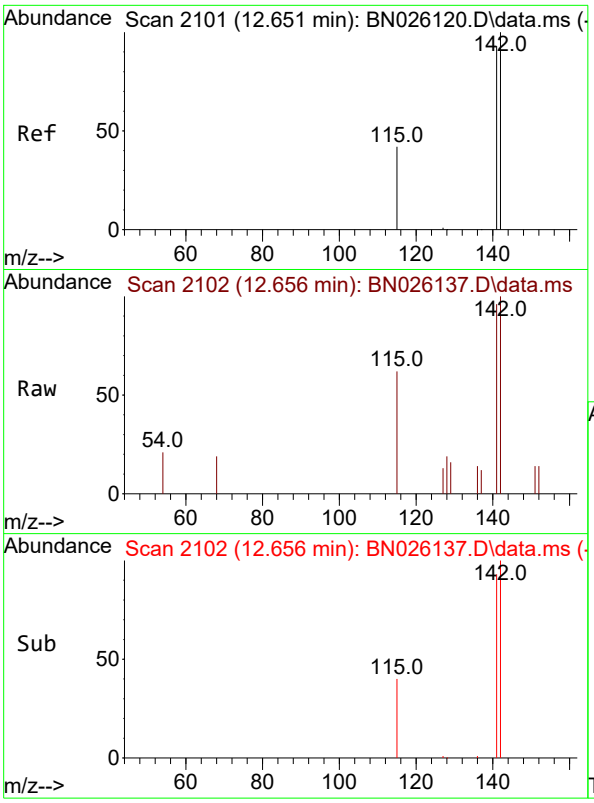




#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:142 Resp: 1173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 71.9 | 107.9 |



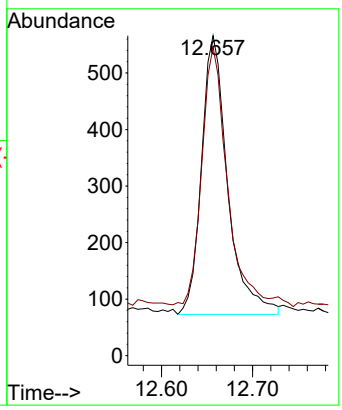


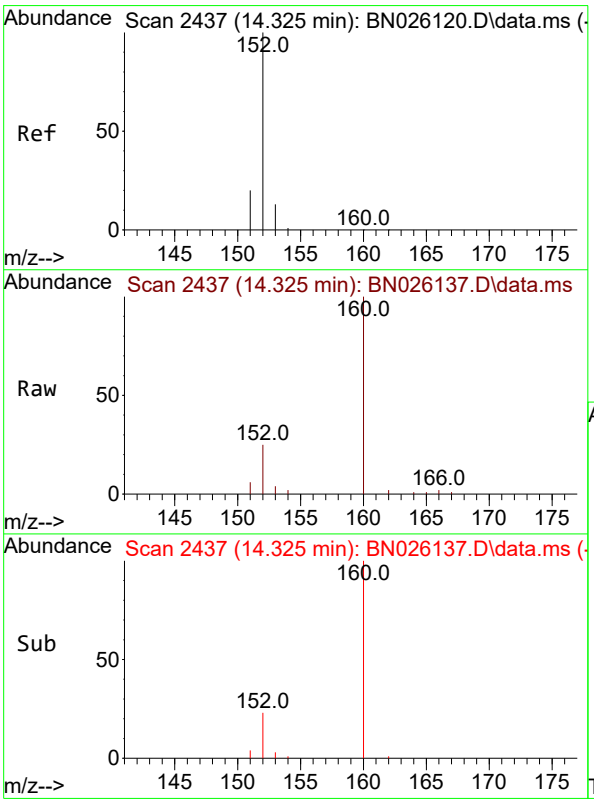

#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.656 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:142 Resp: 985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 74.2 | 111.4 |

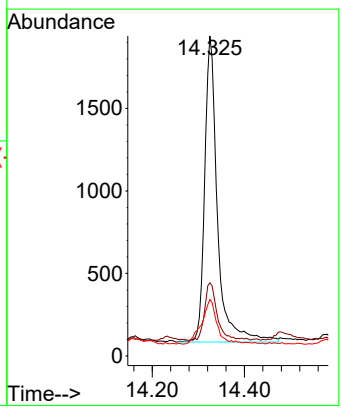


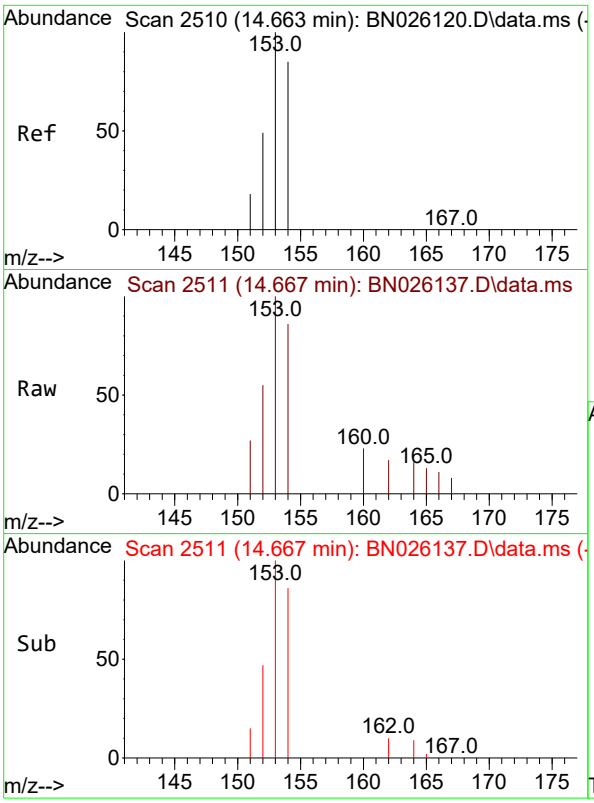




#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:152 Resp: 3563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.8 | 16.2 | 24.4 |
| 153 | 17.6 | 10.9 | 16.3# |



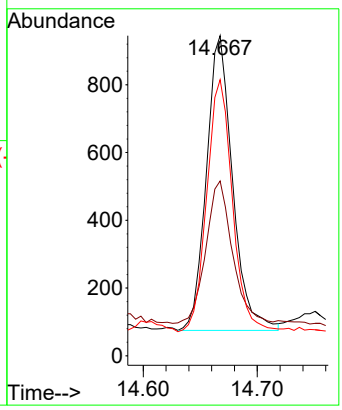


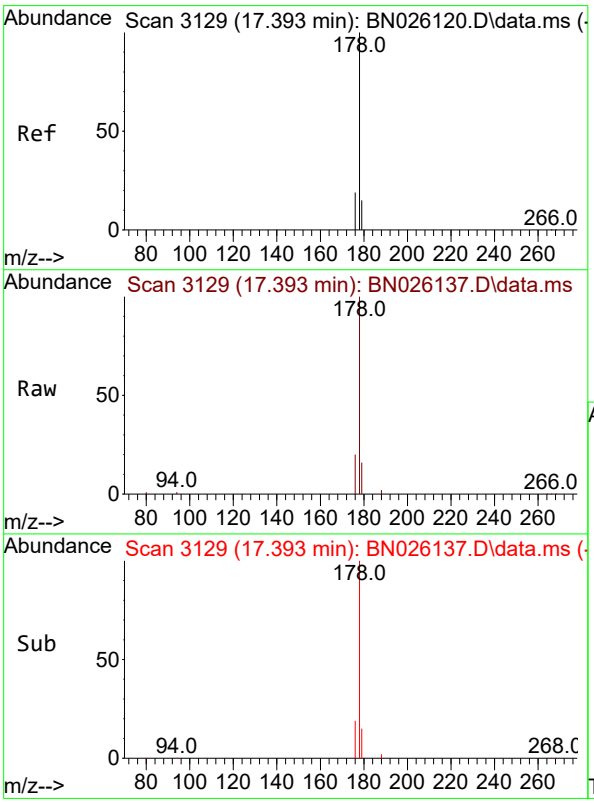

#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.667 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:153 Resp: 1388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 54.6 | 39.4 | 59.0 |
| 154 | 86.2 | 68.9 | 103.3 |

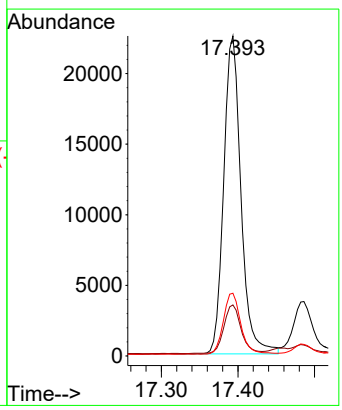


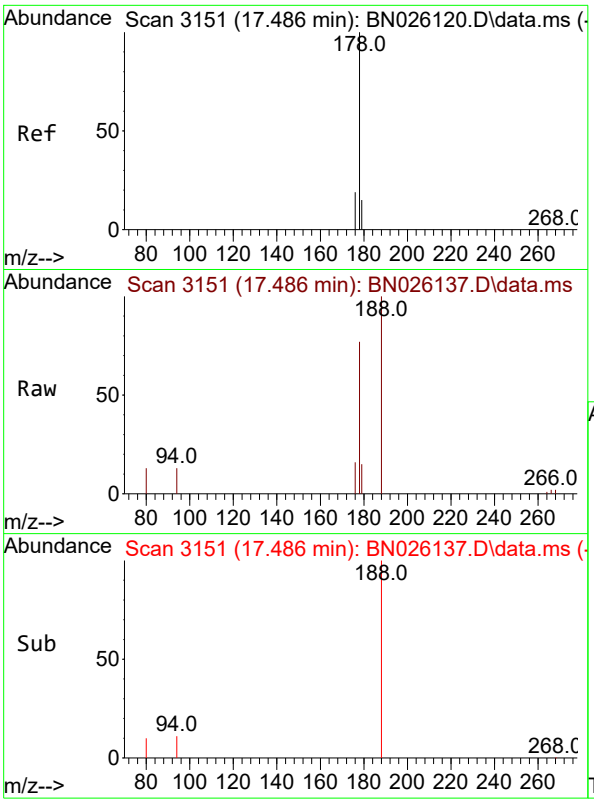




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:178 Resp: 35330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.0 | 12.6 | 19.0 |
| 176 | 19.6 | 15.8 | 23.6 |



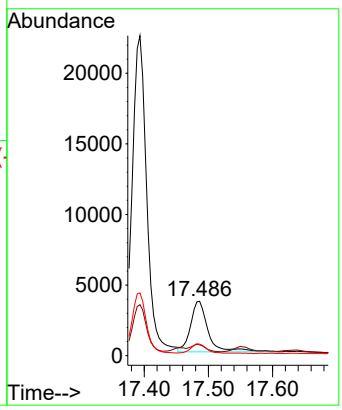


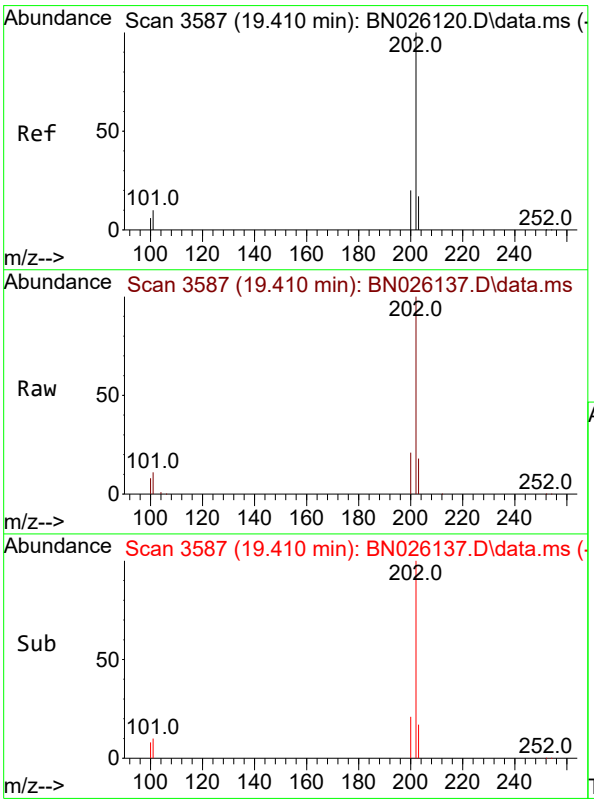

#16
Anthracene
Concen: 0.079 ng/ul
RT: 17.486 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:178 Resp: 6799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 19.9 | 12.6 | 18.8# |
| 176 | 21.2 | 15.1 | 22.7 |

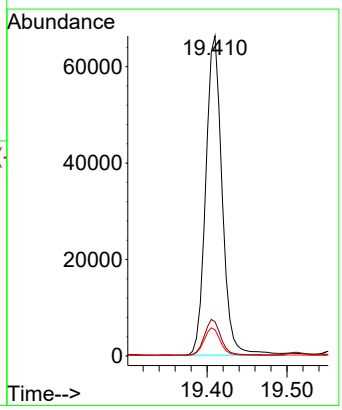


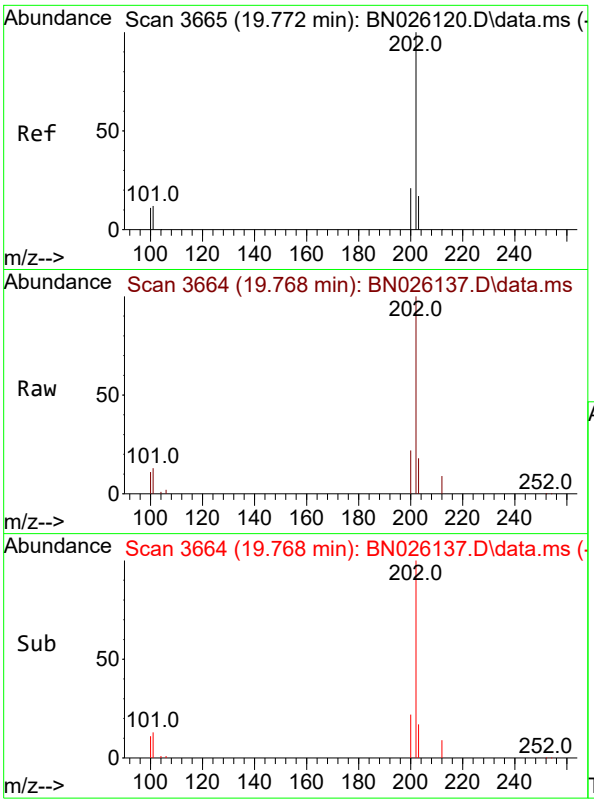




#19
Fluoranthene
Concen: 1.134 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.001 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:202 Resp: 94137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 9.5 | 14.3 |
| 100 | 8.2 | 7.3 | 10.9 |



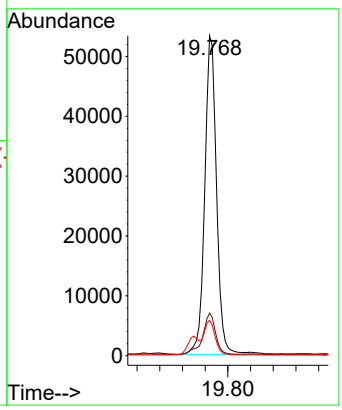


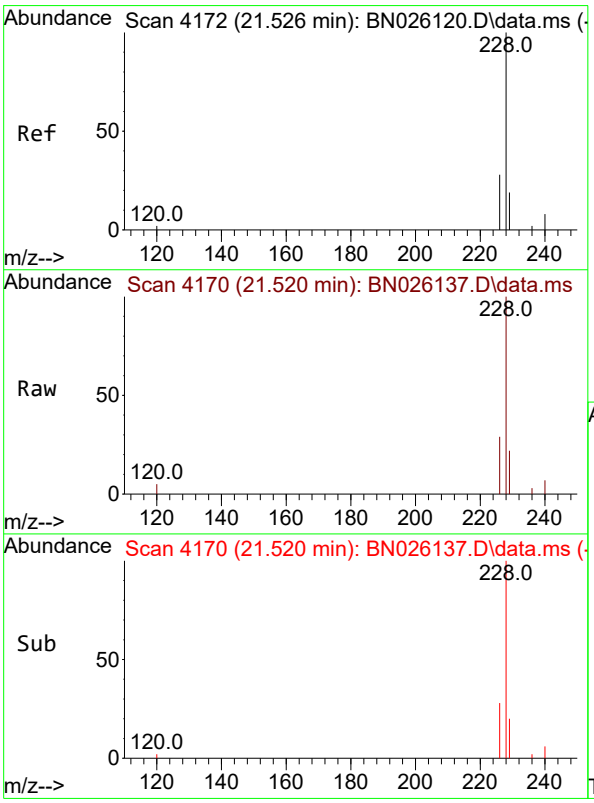

#20
Pyrene
Concen: 0.890 ng/ul
RT: 19.768 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:202 Resp: 76888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.3 | 11.4 | 17.0 |
| 100 | 11.0 | 9.1 | 13.7 |

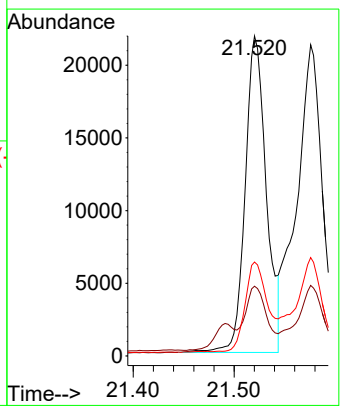


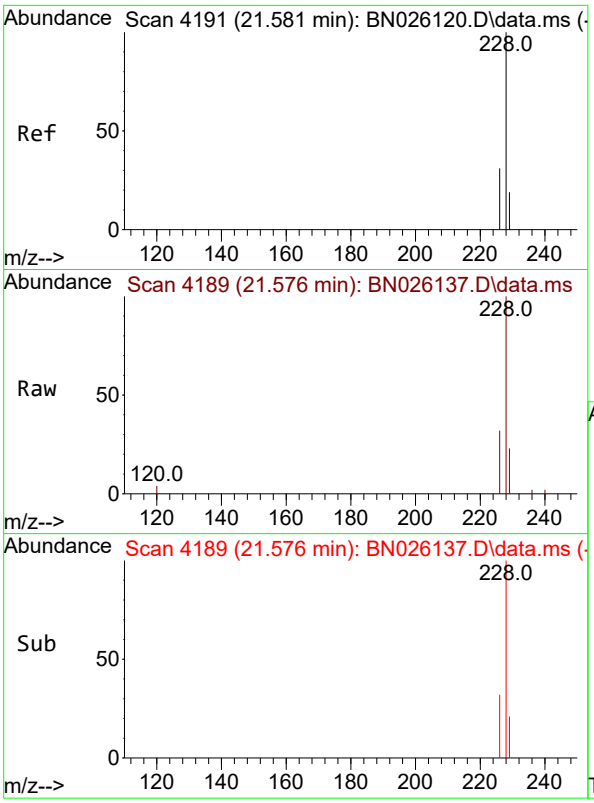




#21
Benzo(a)anthracene
Concen: 0.495 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.006 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:228 Resp: 31715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.8 | 15.8 | 23.6 |
| 226 | 29.4 | 22.5 | 33.7 |



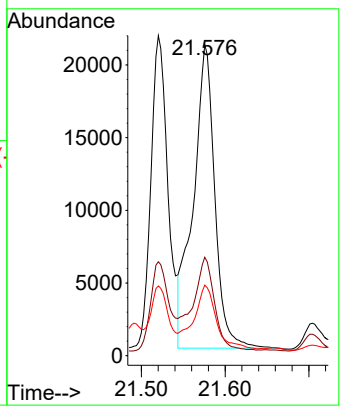


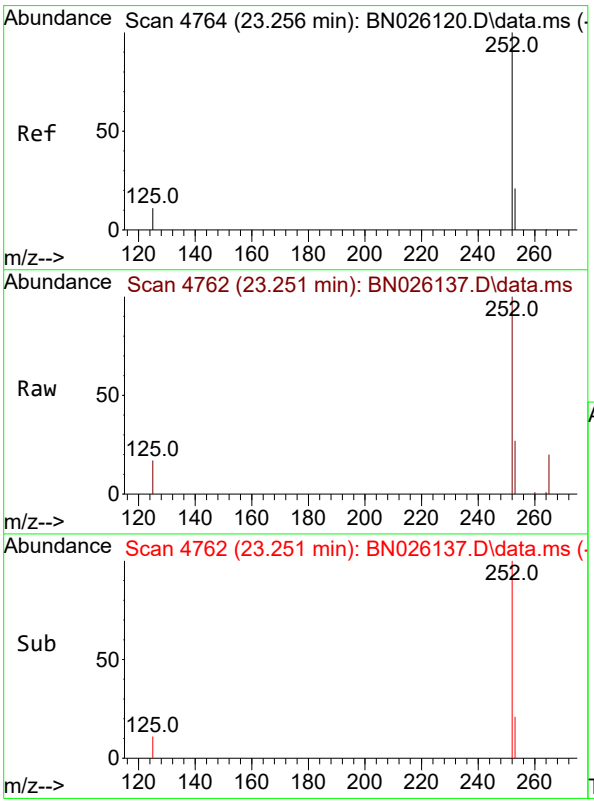

#22
Chrysene
Concen: 0.562 ng/ul
RT: 21.576 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:228 Resp: 37512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 24.8 | 37.2 |
| 229 | 22.7 | 15.7 | 23.5 |

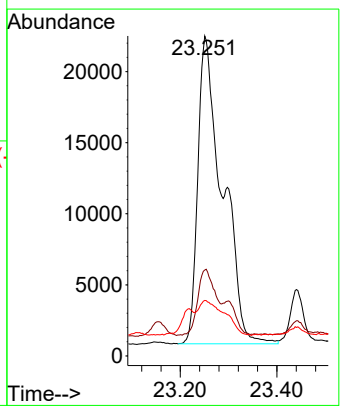


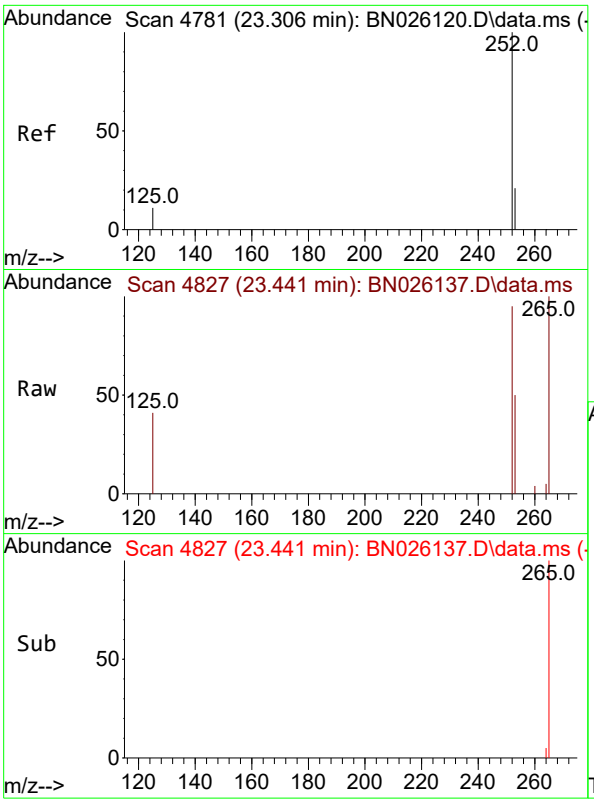




#24
Benzo(b)fluoranthene
Concen: 1.166 ng/ul
RT: 23.251 min Scan# 4762
Delta R.T. 0.008 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:252 Resp: 76281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.8 | 0.0 | 55.6 |
| 125 | 17.3 | 0.0 | 35.8 |



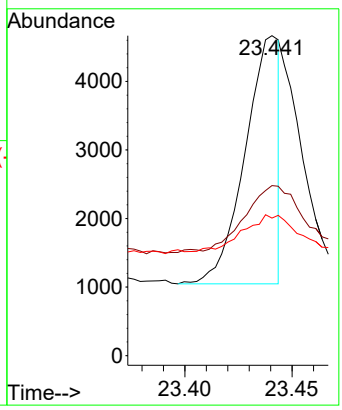


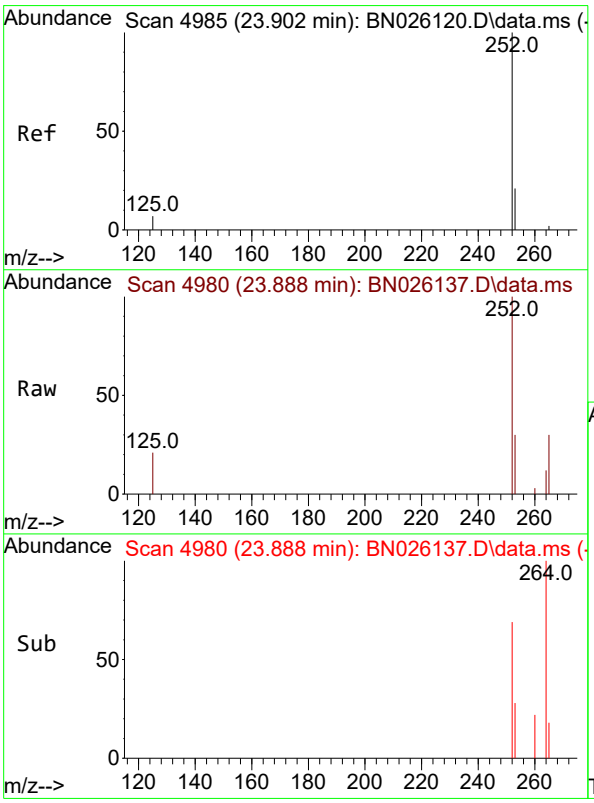

#25
Benzo(k)fluoranthene
Concen: 0.061 ng/ul
RT: 23.441 min Scan# 4
Delta R.T. 0.148 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:252 Resp: 4025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 53.2 | 23.2 | 34.8# |
| 125 | 43.0 | 15.0 | 22.4# |

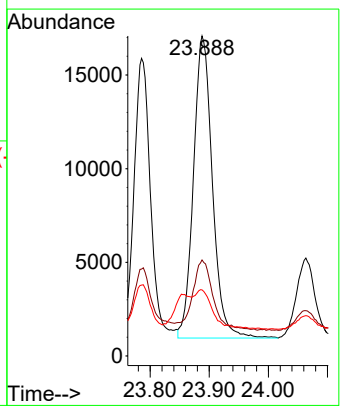


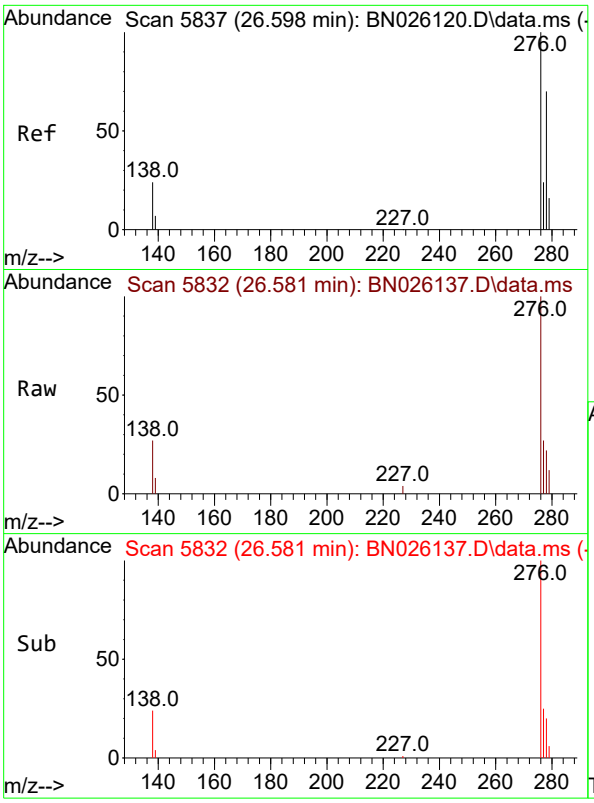




#26
Benzo(a)pyrene
Concen: 0.632 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. 0.002 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:252 Resp: 35893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.0 | 26.0 | 39.0 |
| 125 | 20.7 | 17.3 | 25.9 |



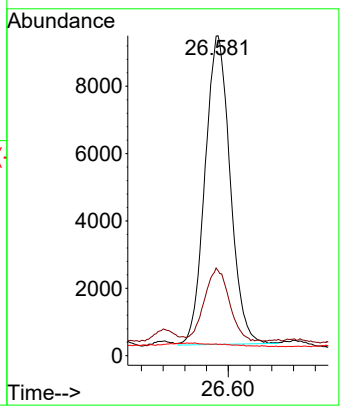


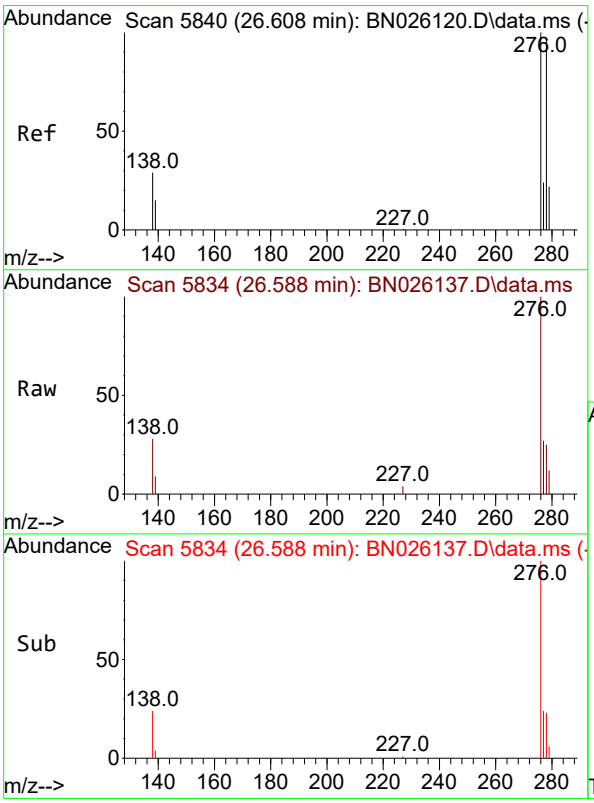

#27
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng/ul
RT: 26.581 min Scan# 5
Delta R.T. 0.023 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:276 Resp: 29436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.5 | 24.5 | 36.7# |
| 227 | 0.0 | 0.0 | 0.0 |

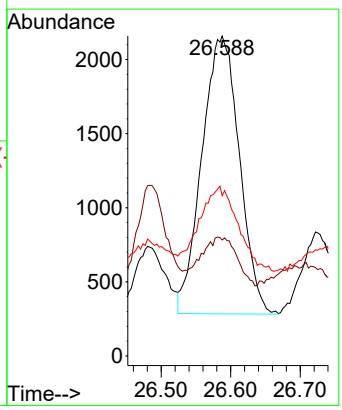


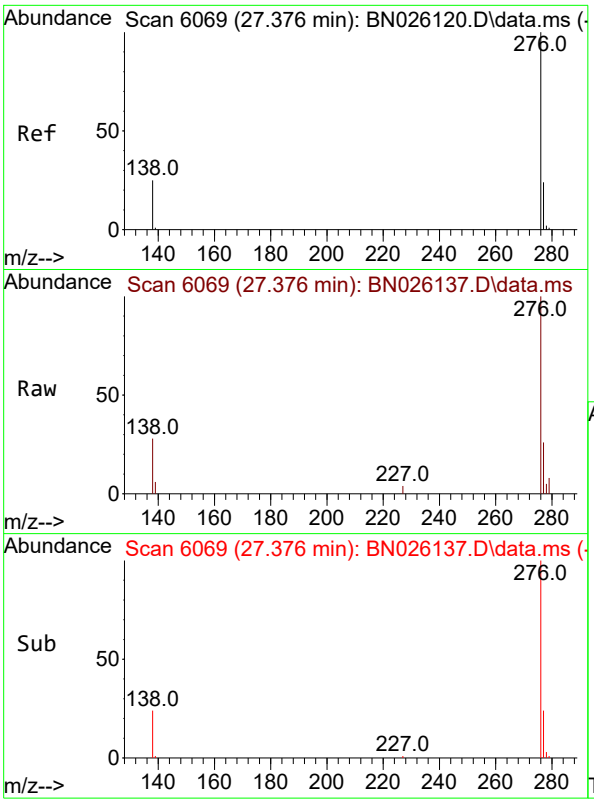




#28
Dibenzo(a,h)anthracene
Concen: 0.150 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. 0.009 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

Tgt Ion:278 Resp: 7026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 36.2 | 19.0 | 28.4# |
| 279 | 50.1 | 26.7 | 40.1# |






#29
Benzo(g,h,i)perylene
Concen: 0.507 ng/ul
RT: 27.376 min Scan# 6
Delta R.T. 0.030 min
Lab File: BN026137.D
Acq: 30 Jun 2023 19:33

**Instrument :**
BNA_N
**ClientSampleId :**
DCFV7DL

Tgt Ion:276 Resp: 27997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.0 | 23.4 | 35.0 |
| 277 | 26.3 | 20.0 | 30.0 |