Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042132.D
Acq On : 29 Sep 2023 01:40
Operator : MA/JU
Sample : 04417-35DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Quant Time: Sep 29 04:42:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.937 | 152 | 3532 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.752 | 136 | 9441 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.583 | 164 | 5578 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.337 | 188 | 11764 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.507 | 240 | 6964 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.906 | 264 | 8507 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.364 | 96 | 2236 | 0.465 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.335 | 152 | 737 | 0.062 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.357 | 212 | 1318 | 0.046 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.801 | 128 | 66844 | 2.113 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.407 | 142 | 73423 | 3.894 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.627 | 142 | 36940 | 1.930 | ng/ul | 99 |
| 10) Acenaphthylene | 14.310 | 152 | 30135 | 0.806 | ng/ul | 96 |
| 11) Acenaphthene | 14.652 | 153 | 3417 | 0.119 | ng/ul# | 57 |
| 12) Fluorene | 15.647 | 166 | 2422 | 0.075 | ng/ul# | 1 |
| 15) Phenanthrene | 17.379 | 178 | 145181 | 2.661 | ng/ul | 99 |
| 16) Anthracene | 17.468 | 178 | 45945 | 0.975 | ng/ul | 99 |
| 19) Fluoranthene | 19.390 | 202 | 526837 | 6.693 | ng/ul | 96 |
| 20) Pyrene | 19.757 | 202 | 431939 | 5.582 | ng/ul | 95 |
| 21) Benzo(a)anthracene | 21.489 | 228 | 251002 | 4.753 | ng/ul | 99 |
| 22) Chrysene | 21.545 | 228 | 219475 | 4.023 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.170 | 252 | 313661 | 4.790 | ng/ul | 88 |
| 26) Benzo(a)pyrene | 23.801 | 252 | 199475 | 3.706 | ng/ul# | 84 |
| 27) Indeno(1,2,3-cd)pyrene | 26.384 | 276 | 154662 | 2.092 | ng/ul# | 84 |
| 28) Dibenzo(a,h)anthracene | 26.394 | 278 | 37705 | 0.706 | ng/ul | 96 |
| 29) Benzo(g,h,i)perylene | 27.166 | 276 | 119548 | 1.923 | ng/ul | 94 |

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

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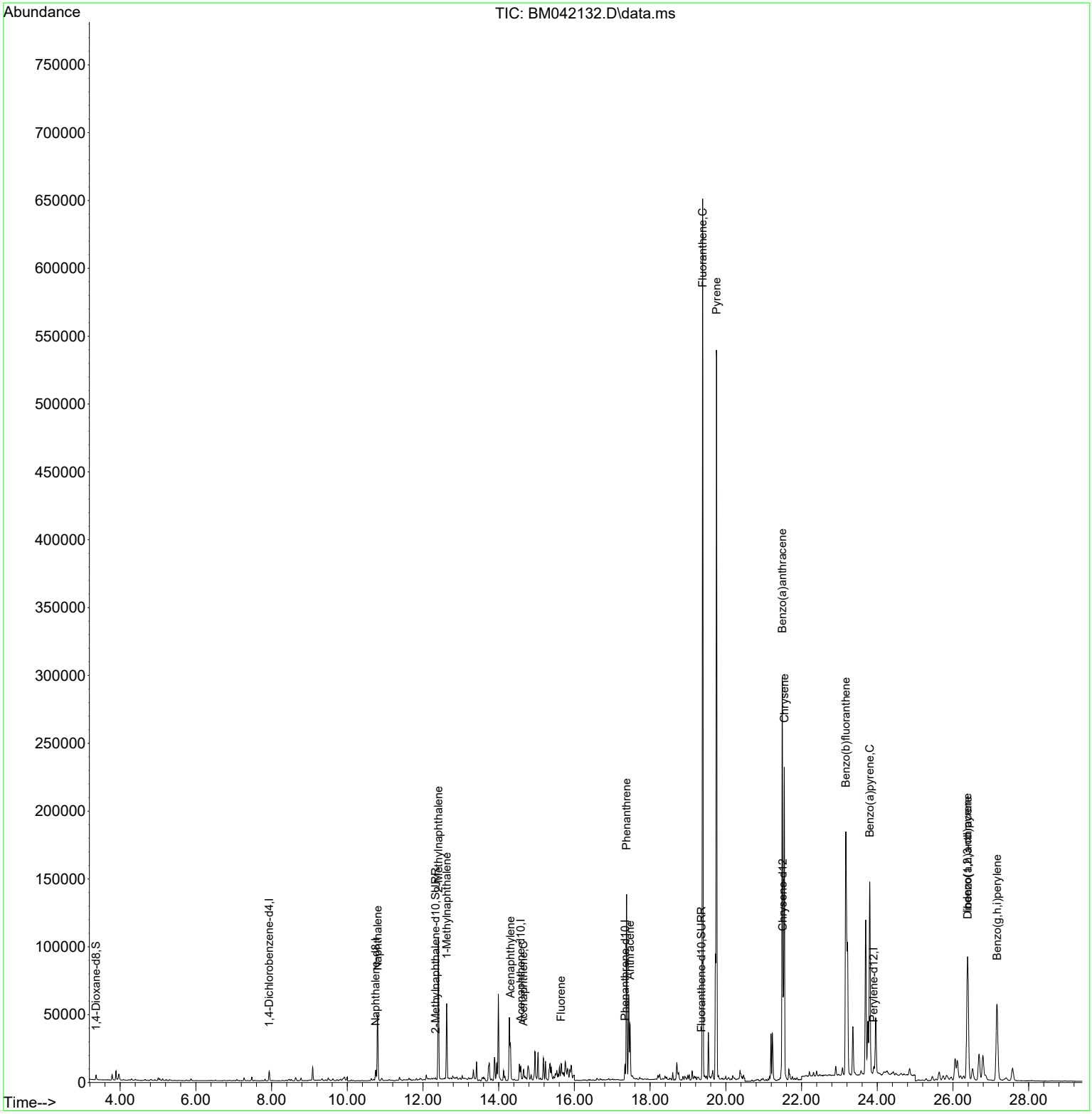
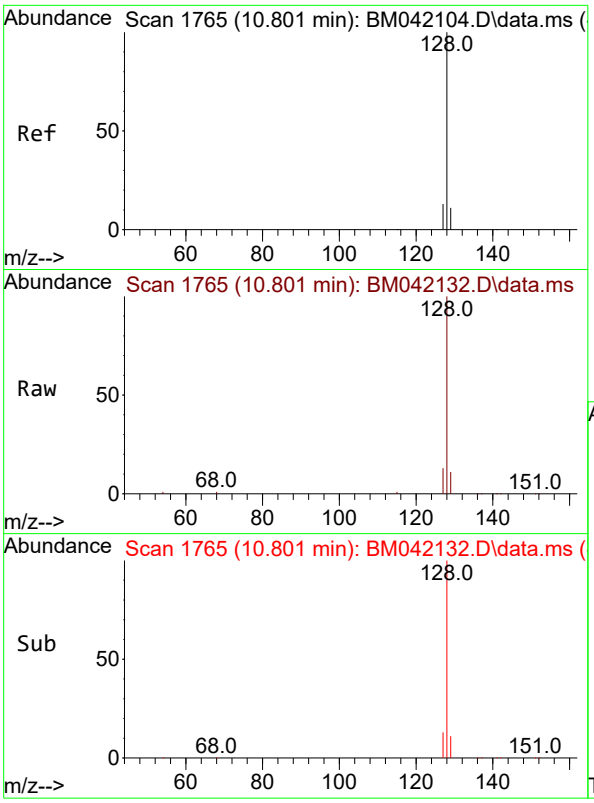
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Quant Time: Sep 29 04:42:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
Response via : Initial Calibration



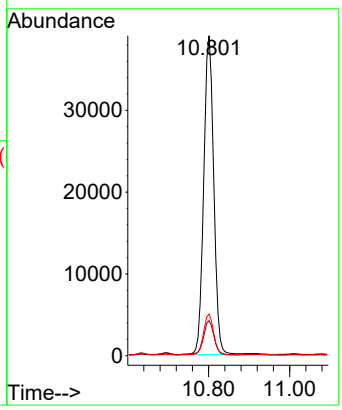


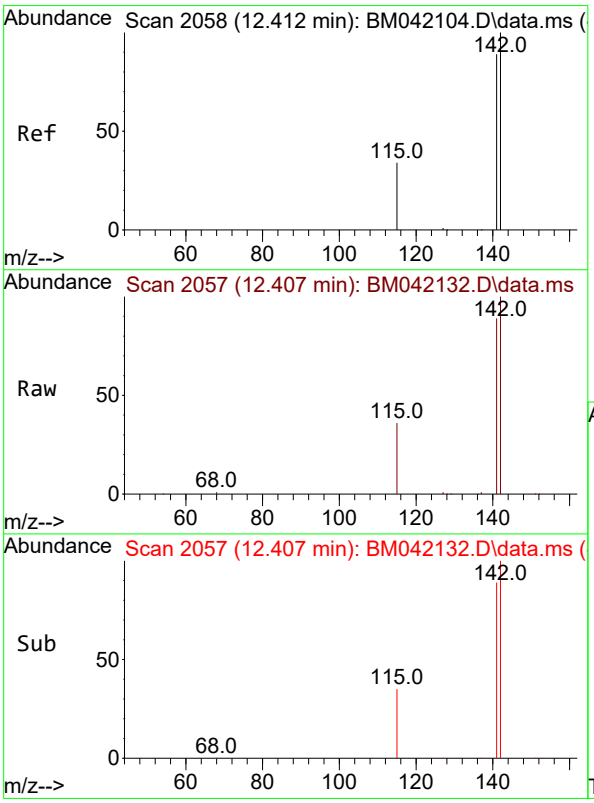

#5
Naphthalene
Concen: 2.113 ng/ul
RT: 10.801 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:128 Resp: 66844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.2 | 13.8 |
| 127 | 13.0 | 10.8 | 16.2 |

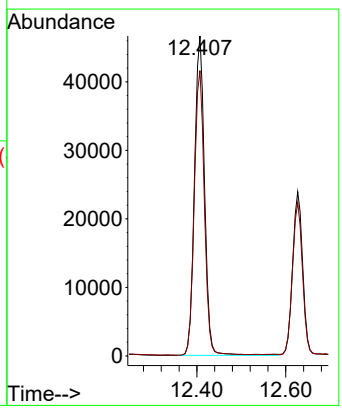


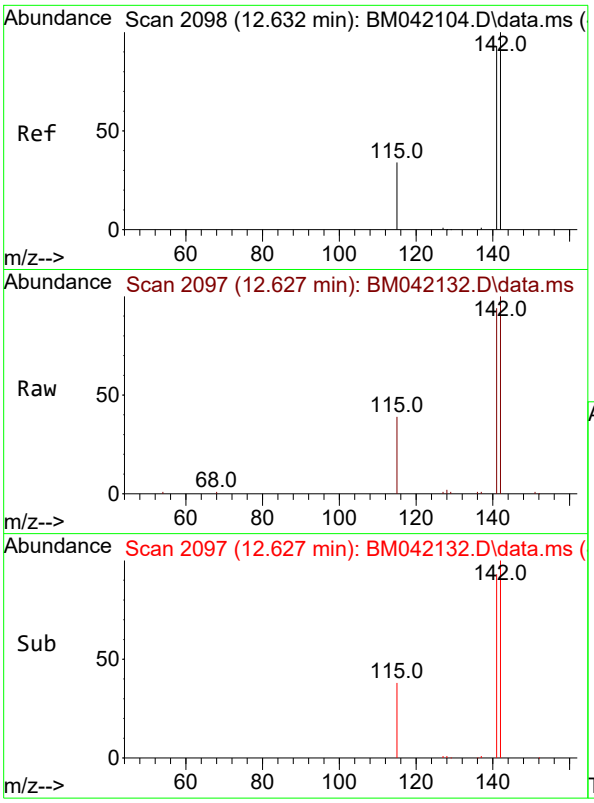




#7
2-Methylnaphthalene
Concen: 3.894 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:142 Resp: 73423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.3 | 72.1 | 108.1 |



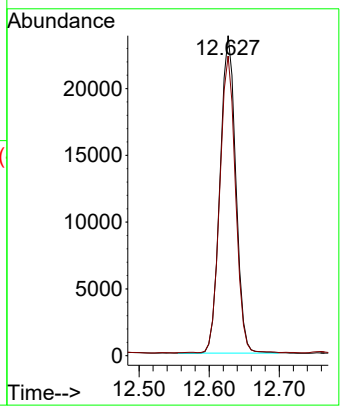


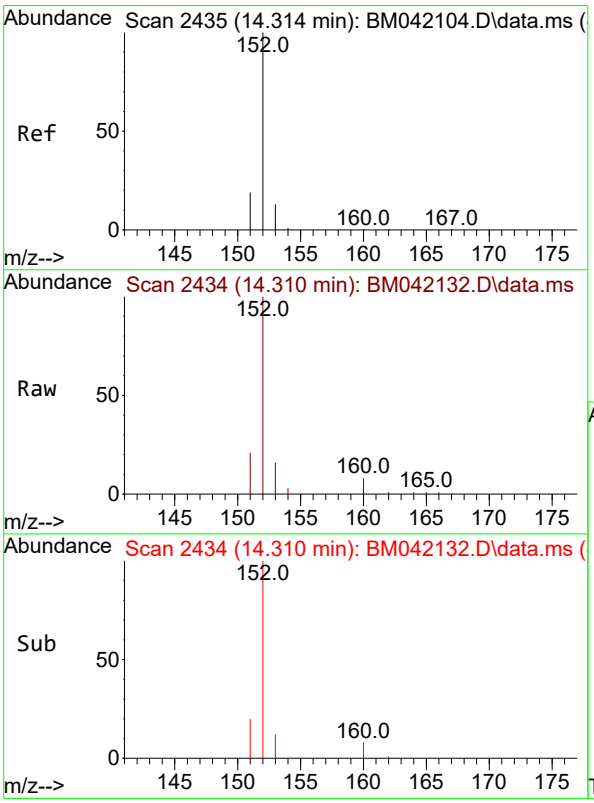

#8
1-Methylnaphthalene
Concen: 1.930 ng/ul
RT: 12.627 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:142 Resp: 36940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.0 | 75.1 | 112.7 |

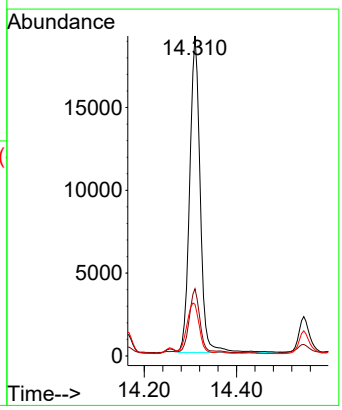


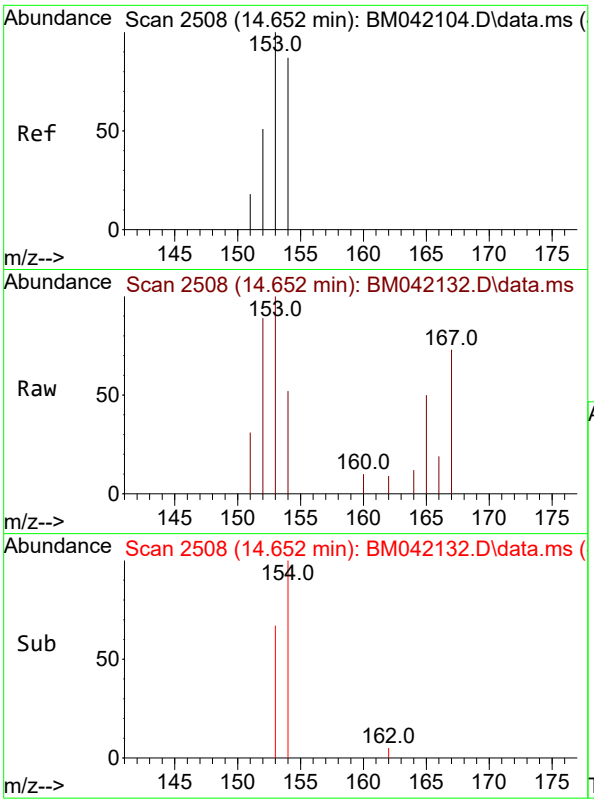




#10
Acenaphthylene
Concen: 0.806 ng/ul
RT: 14.310 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:152 Resp: 30135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.0 | 16.2 | 24.4 |
| 153 | 16.1 | 10.8 | 16.2 |



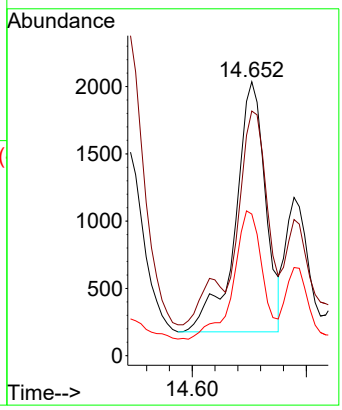


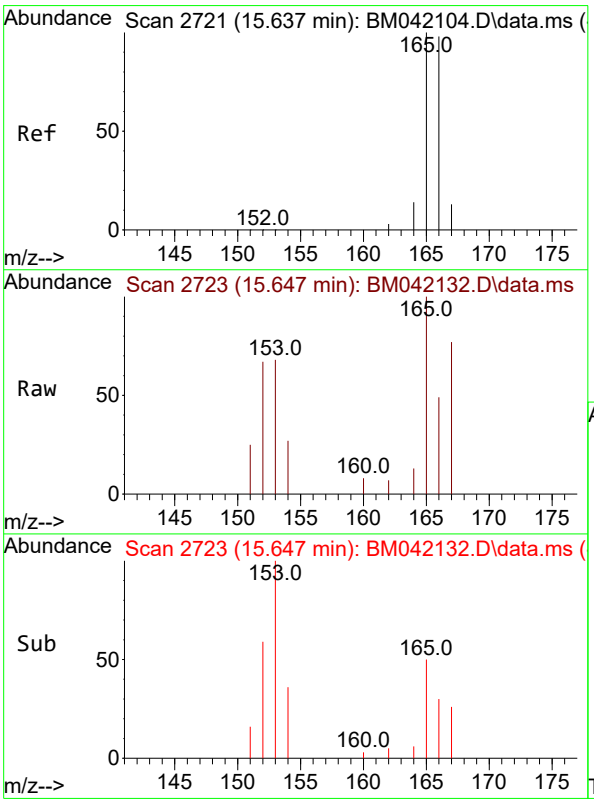

#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.652 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:153 Resp: 3417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 89.3 | 41.8 | 62.8# |
| 154 | 51.7 | 69.0 | 103.6# |

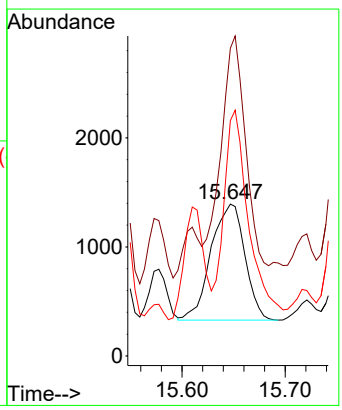


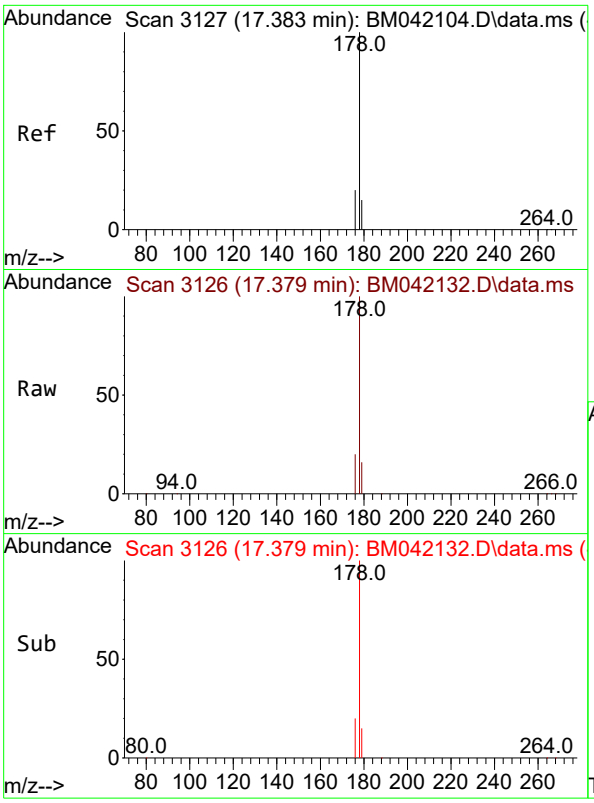




#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.647 min Scan# 2723
Delta R.T. 0.009 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:166 Resp: 2422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 202.6 | 79.8 | 119.8# |
| 167 | 155.0 | 11.1 | 16.7# |



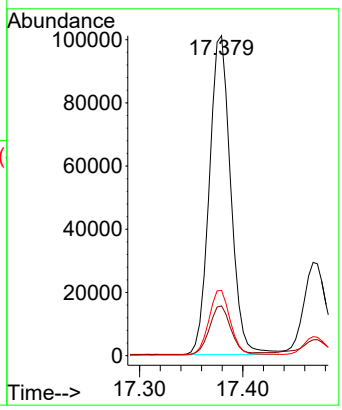


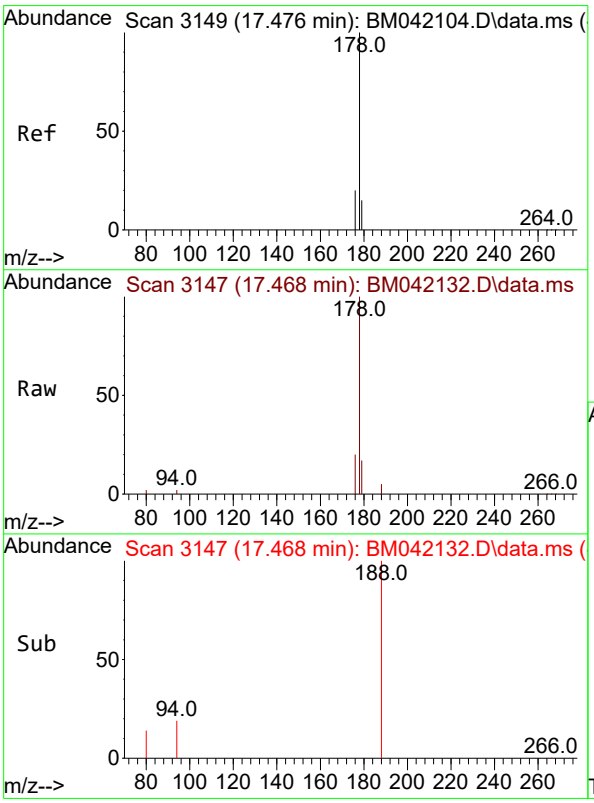

#15
Phenanthrene
Concen: 2.661 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:178 Resp: 145181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.5 | 12.7 | 19.1 |
| 176 | 20.4 | 16.6 | 24.8 |

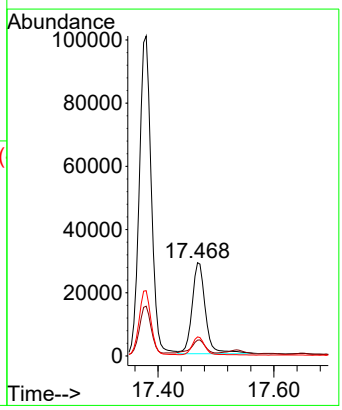


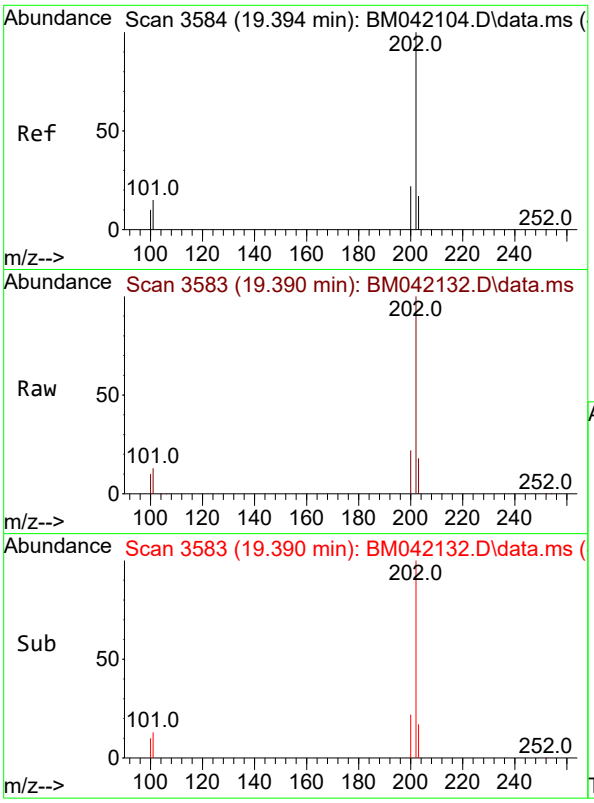




#16
Anthracene
Concen: 0.975 ng/ul
RT: 17.468 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:178 Resp: 45945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 17.0 | 12.9 | 19.3 |
| 176 | 20.4 | 16.2 | 24.2 |



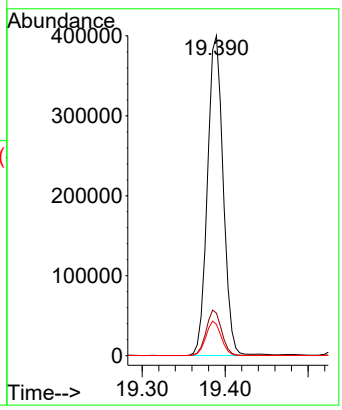


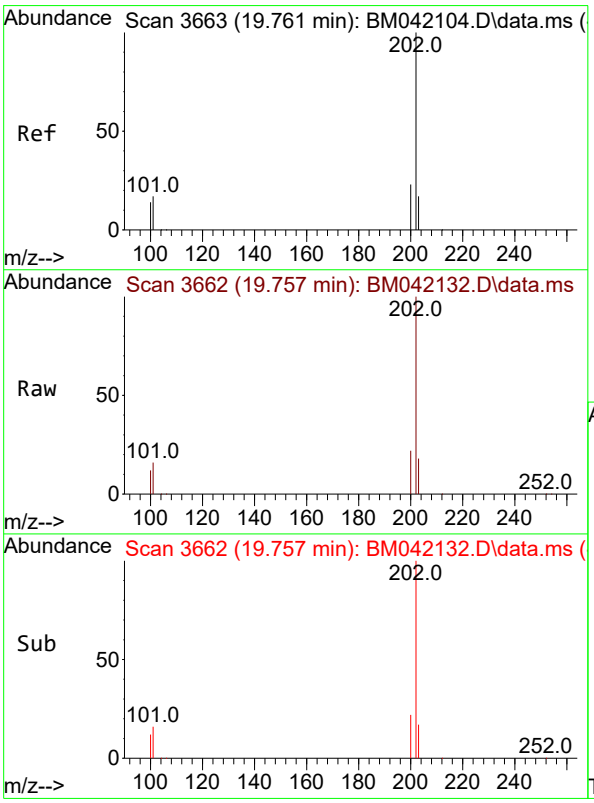

#19
Fluoranthene
Concen: 6.693 ng/ul
RT: 19.390 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:202 Resp: 526837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.3 | 11.8 | 17.6 |
| 100 | 9.8 | 9.1 | 13.7 |

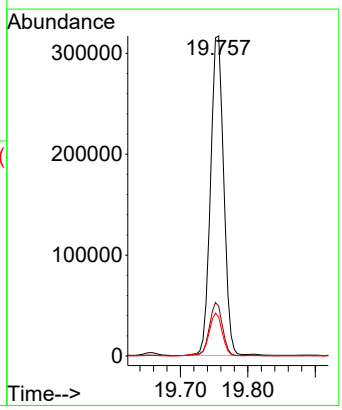


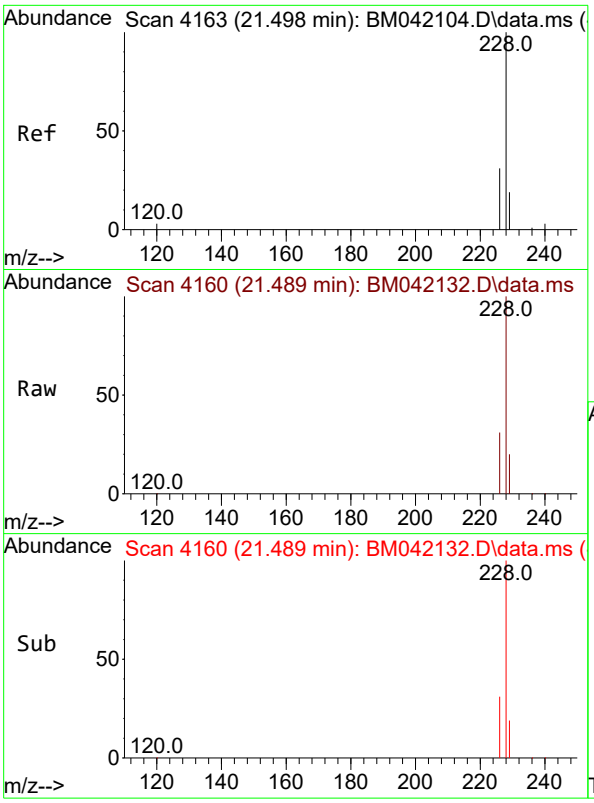




#20
Pyrene
Concen: 5.582 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:202 Resp: 431939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.6 | 14.1 | 21.1 |
| 100 | 12.2 | 11.4 | 17.0 |



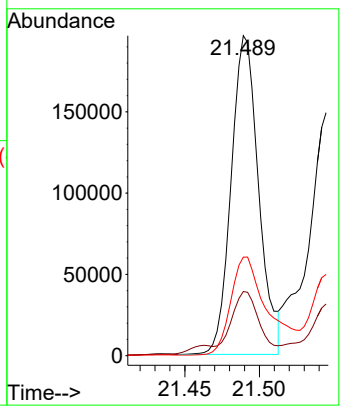


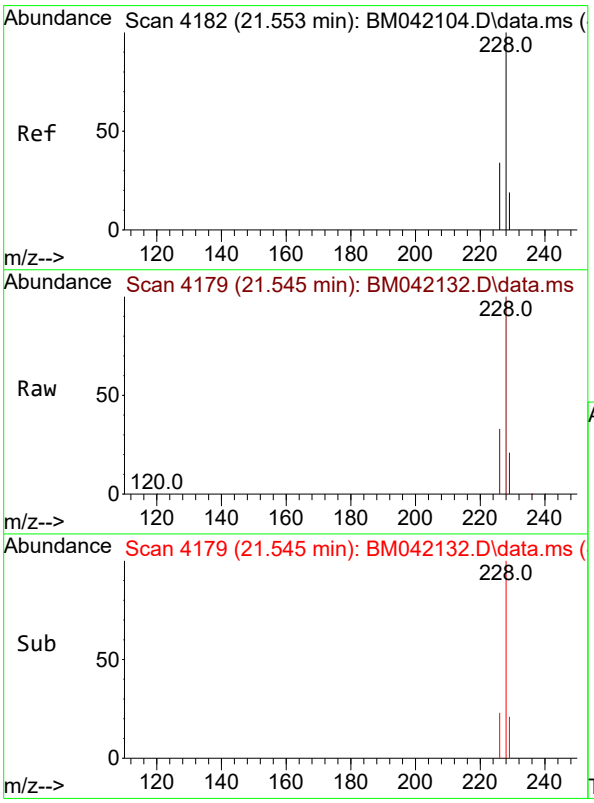

#21
Benzo(a)anthracene
Concen: 4.753 ng/ul
RT: 21.489 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:228 Resp: 251002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.1 | 15.5 | 23.3 |
| 226 | 30.8 | 24.8 | 37.2 |

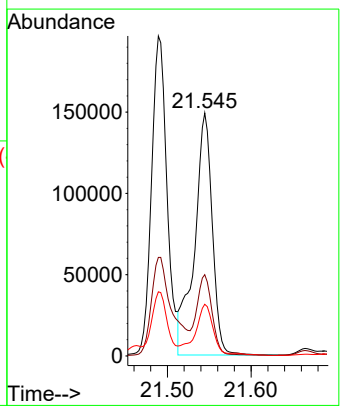


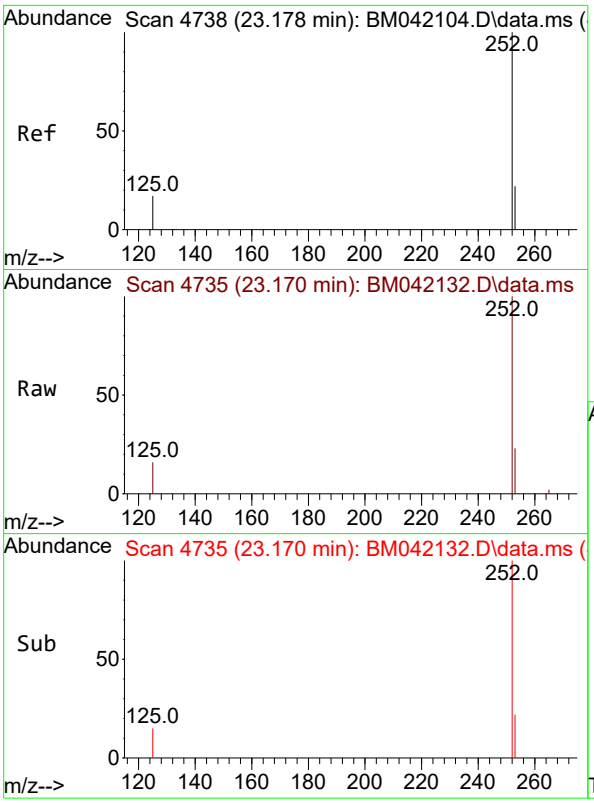




#22
Chrysene
Concen: 4.023 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:228 Resp: 219475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.4 | 27.8 | 41.6 |
| 229 | 21.3 | 15.6 | 23.4 |



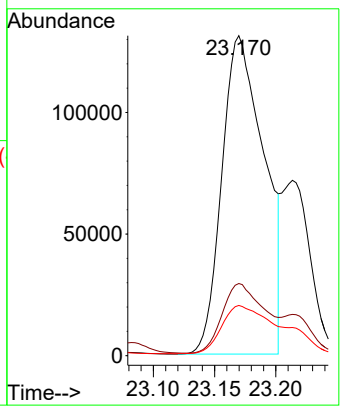


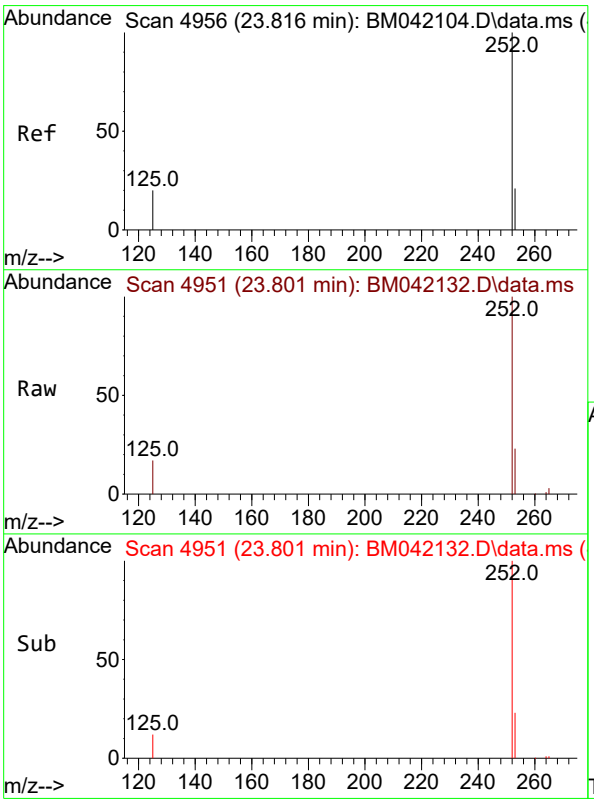

#24
Benzo(b)fluoranthene
Concen: 4.790 ng/ul
RT: 23.170 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:252 Resp: 313661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 0.0 | 54.4 |
| 125 | 15.7 | 0.0 | 46.2 |

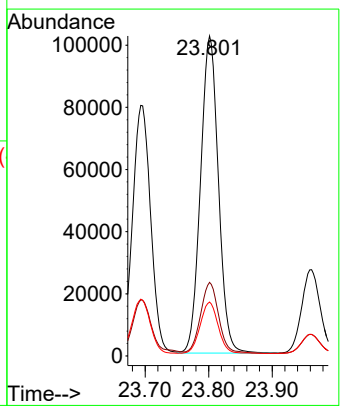


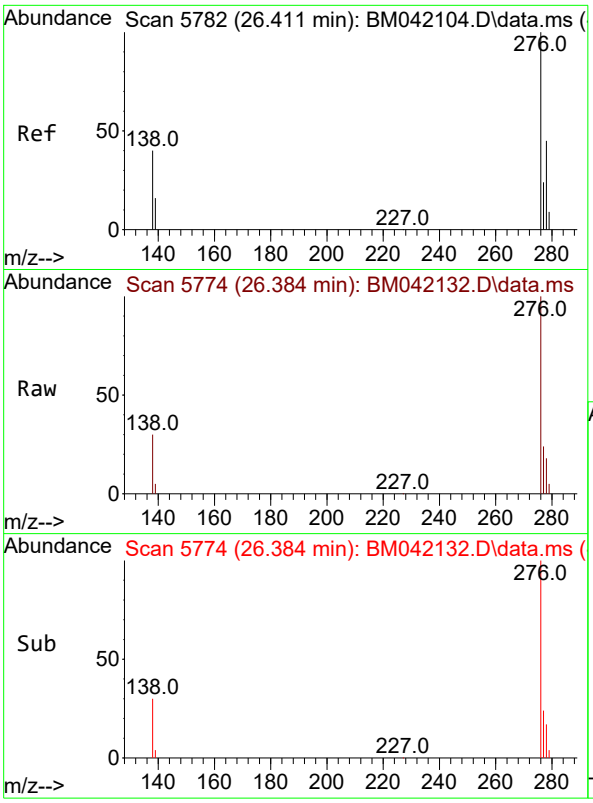




#26
Benzo(a)pyrene
Concen: 3.706 ng/ul
RT: 23.801 min Scan# 4951
Delta R.T. -0.006 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:252 Resp: 199475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 23.2 | 34.8# |
| 125 | 16.9 | 22.5 | 33.7# |



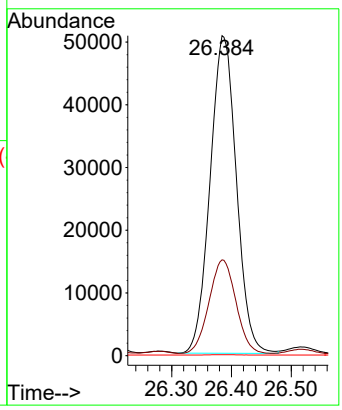


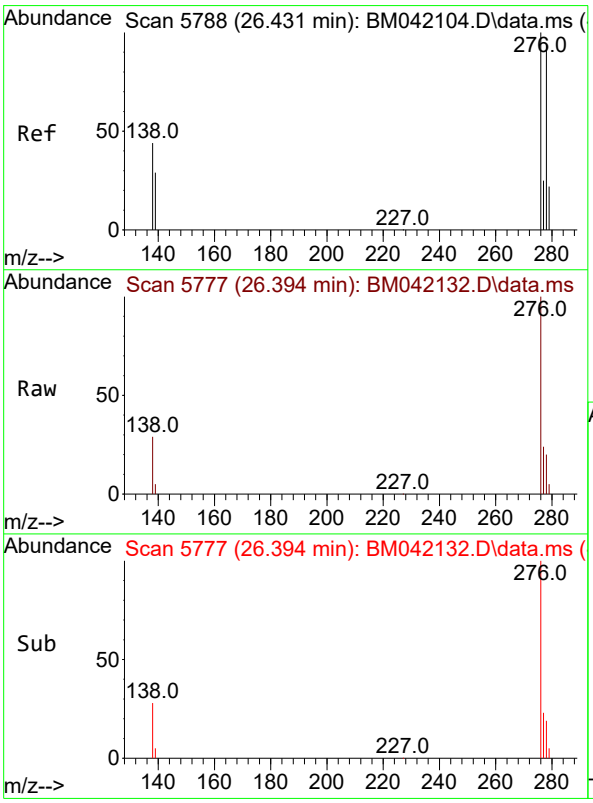

#27
Indeno(1,2,3-cd)pyrene
Concen: 2.092 ng/ul
RT: 26.384 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:276 Resp: 154662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.3 | 32.1 | 48.1# |
| 227 | 0.2 | 0.2 | 0.2# |

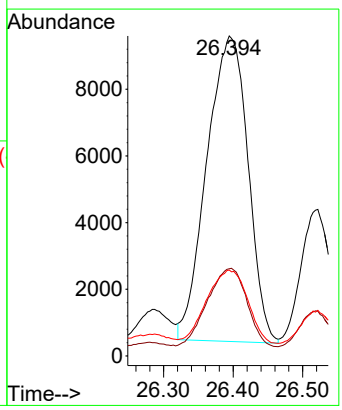


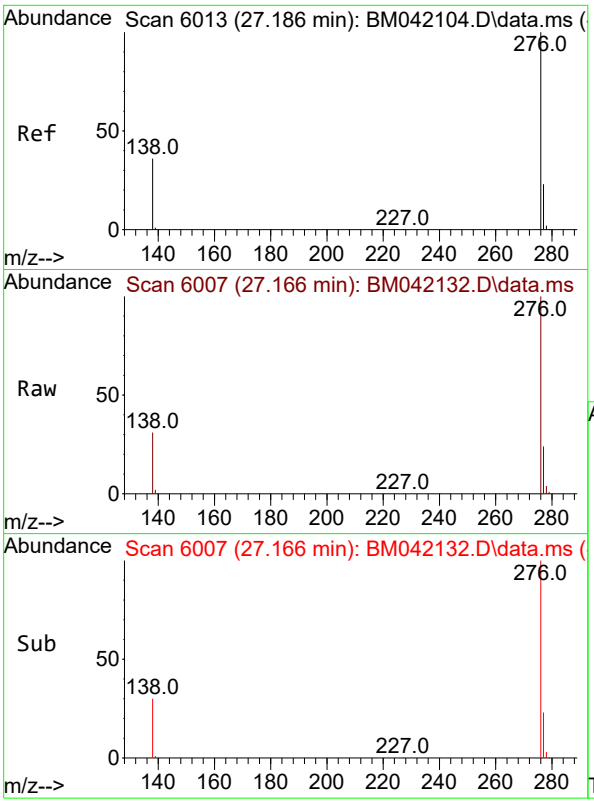




#28
Dibenzo(a,h)anthracene
Concen: 0.706 ng/ul
RT: 26.394 min Scan# 5777
Delta R.T. -0.030 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

Tgt Ion:278 Resp: 37705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 27.3 | 25.0 | 37.6 |
| 279 | 26.8 | 21.7 | 32.5 |






#29
Benzo(g,h,i)perylene
Concen: 1.923 ng/ul
RT: 27.166 min Scan# 6
Delta R.T. -0.013 min
Lab File: BM042132.D
Acq: 29 Sep 2023 01:40

**Instrument :**
BNA_M
**ClientSampleId :**
EZYN4DL

Tgt Ion:276 Resp: 119548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.7 | 29.0 | 43.4 |
| 277 | 23.8 | 19.6 | 29.4 |