Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
Data File : BM040837.D
Acq On : 12 Jul 2023 14:48
Operator : MA/JU
Sample : 03414-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Quant Time: Jul 13 00:12:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.878 | 152 | 2231 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.680 | 136 | 9333 | 0.400 | ng/ul | #-0.01 |
| 9) Acenaphthene-d10 | 14.523 | 164 | 4907 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.278 | 188 | 10226 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.475 | 240 | 7124 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.863 | 264 | 4562 | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.292 | 96 | 2135 | 0.609 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.275 | 152 | 2362 | 0.181 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.306 | 212 | 4573 | 0.200 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.730 | 128 | 5435 | 0.211 | ng/ul# | 95 |
| 7) 2-Methylnaphthalene | 12.352 | 142 | 403 | 0.027 | ng/ul | 99 |
| 10) Acenaphthylene | 14.245 | 152 | 601 | 0.027 | ng/ul# | 39 |
| 15) Phenanthrene | 17.316 | 178 | 3669 | 0.116 | ng/ul# | 91 |
| 16) Anthracene | 17.409 | 178 | 969 | 0.036 | ng/ul# | 57 |
| 19) Fluoranthene | 19.338 | 202 | 8339 | 0.276 | ng/ul | 99 |
| 20) Pyrene | 19.701 | 202 | 8297 | 0.256 | ng/ul# | 92 |
| 21) Benzo(a)anthracene | 21.457 | 228 | 3244 | 0.135 | ng/ul# | 81 |
| 22) Chrysene | 21.510 | 228 | 3514 | 0.128 | ng/ul# | 89 |
| 24) Benzo(b)fluoranthene | 23.141 | 252 | 3654 | 0.207 | ng/ul# | 47 |
| 26) Benzo(a)pyrene | 23.760 | 252 | 1665 | 0.105 | ng/ul# | 1 |
| 27) Indeno(1,2,3-cd)pyrene | 26.347 | 276 | 1743 | 0.079 | ng/ul# | 44 |
| 28) Dibenzo(a,h)anthracene | 26.364 | 278 | 457 | 0.026 | ng/ul# | 1 |

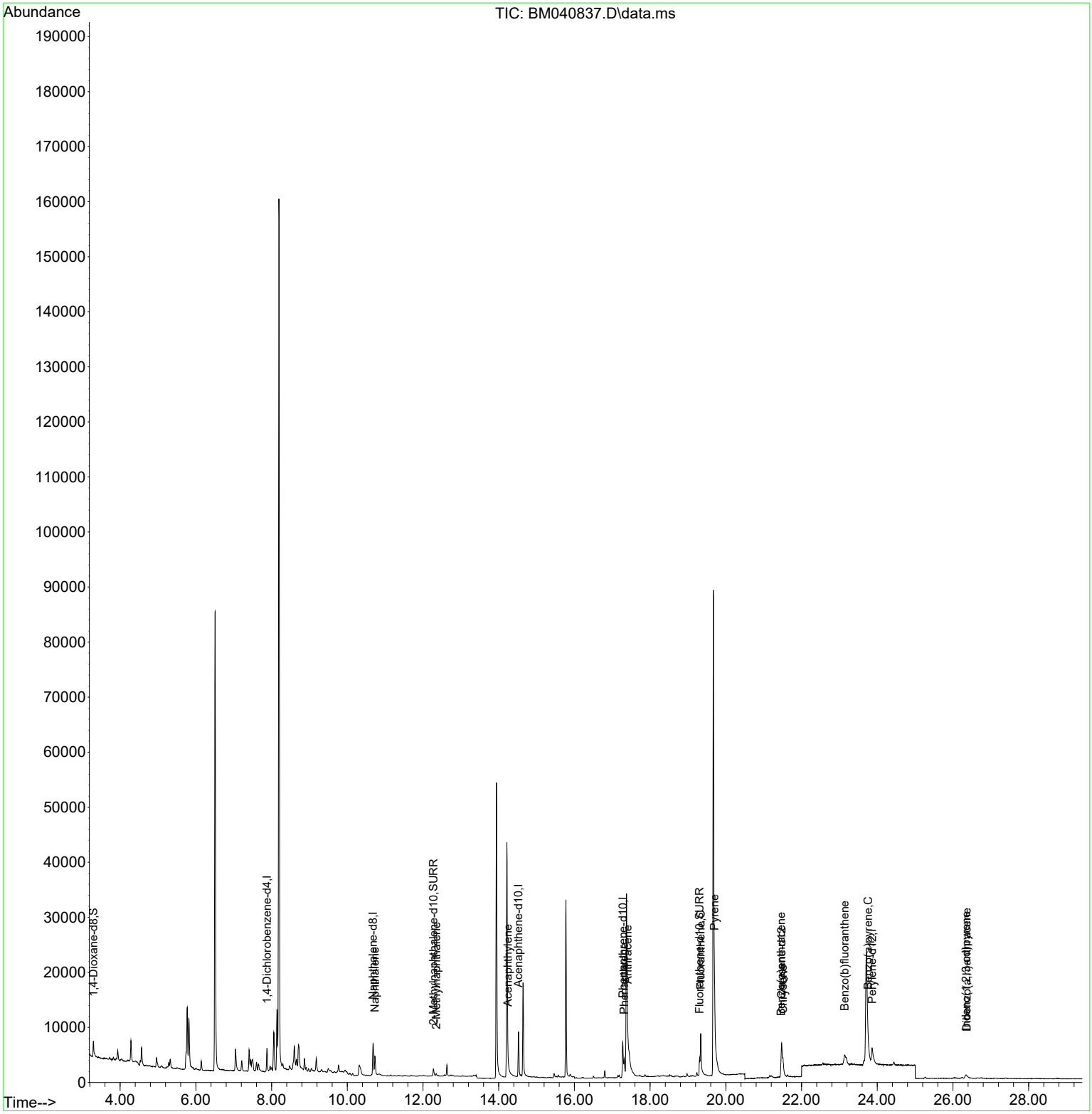
(#) = qualifier out of range (m) = manual integration (+) = signals summed

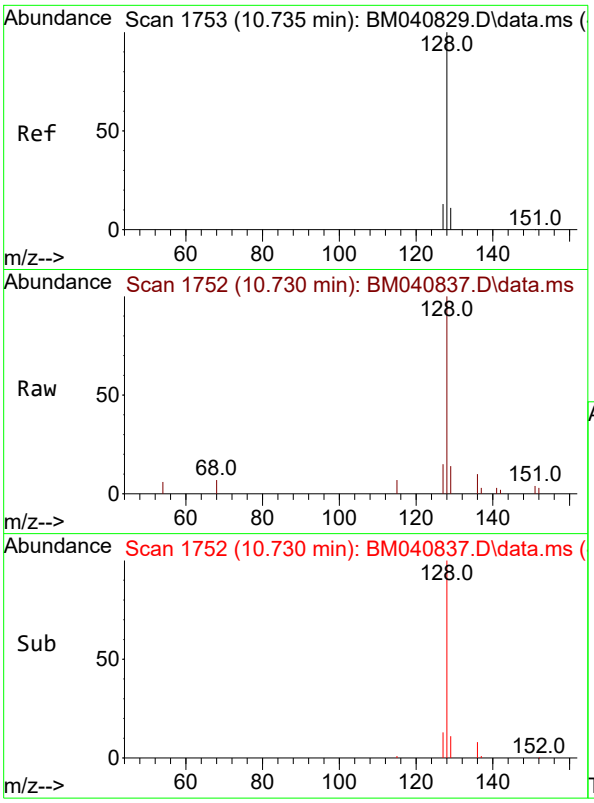
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
Data File : BM040837.D
Acq On : 12 Jul 2023 14:48
Operator : MA/JU
Sample : 03414-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Quant Time: Jul 13 00:12:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration



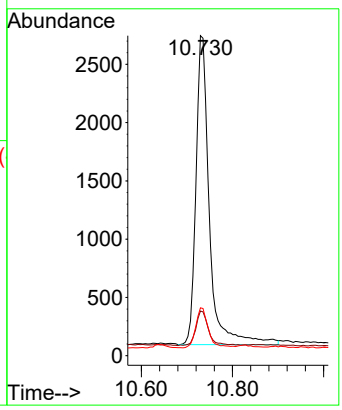


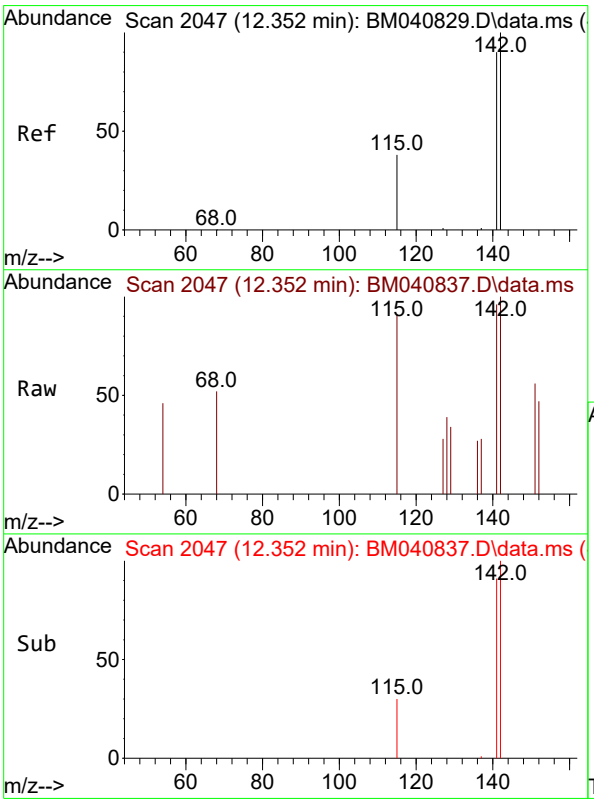

#5
Naphthalene
Concen: 0.211 ng/ul
RT: 10.730 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Tgt Ion:128 Resp: 5435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.0 | 9.2 | 13.8# |
| 127 | 15.0 | 10.6 | 15.8 |

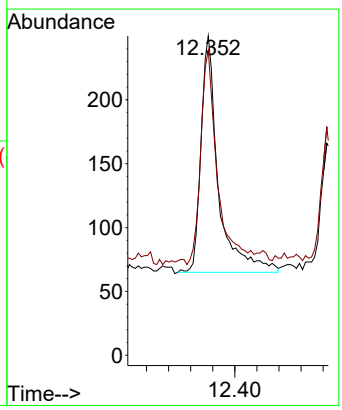


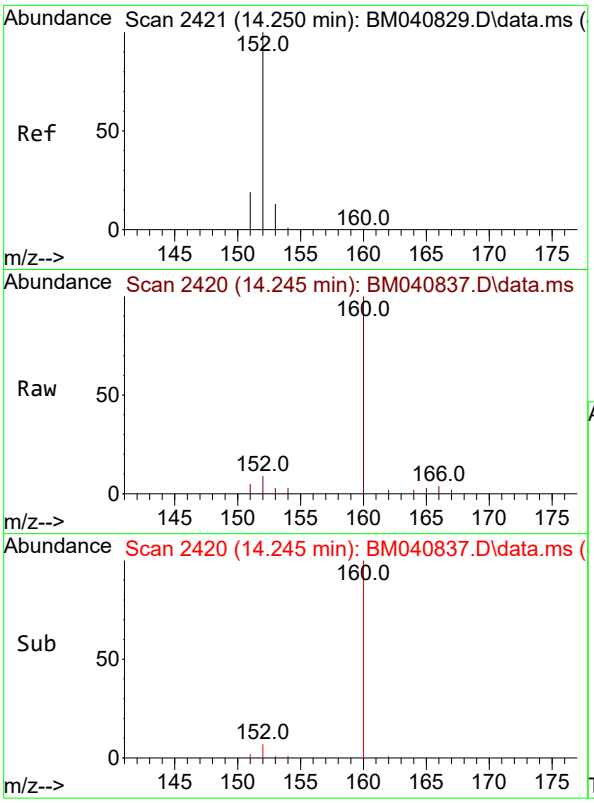




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

Tgt Ion:142 Resp: 403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.8 | 71.9 | 107.9 |



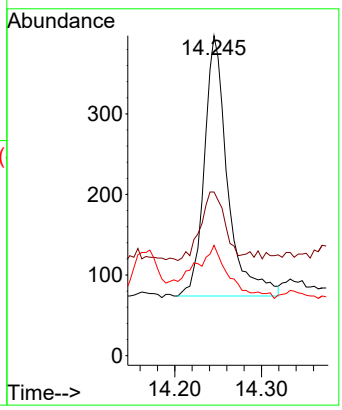


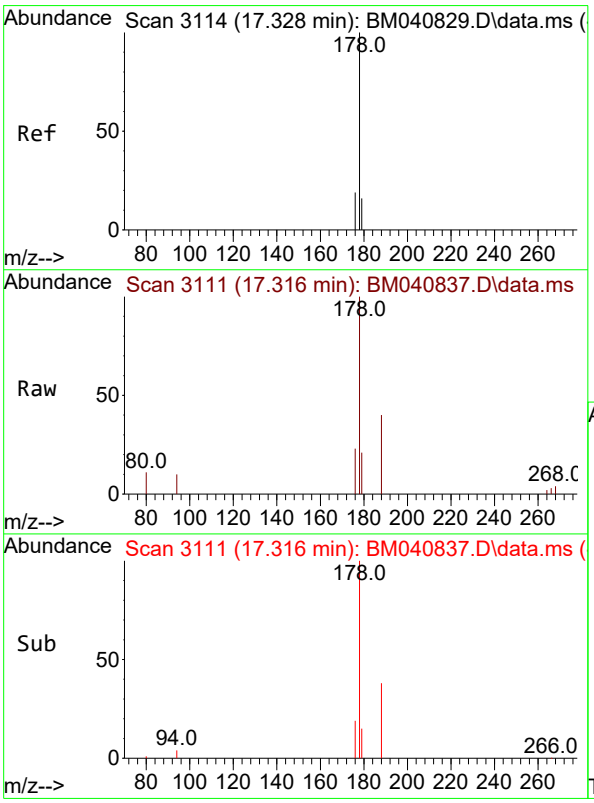

#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.245 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Tgt Ion:152 Resp: 601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 51.1 | 16.2 | 24.2# |
| 153 | 34.5 | 10.9 | 16.3# |

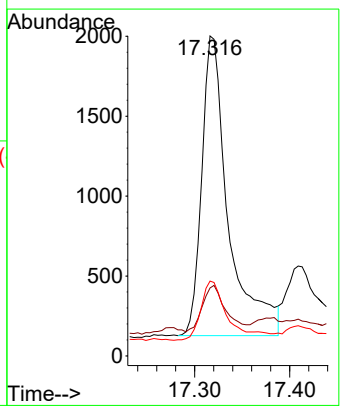


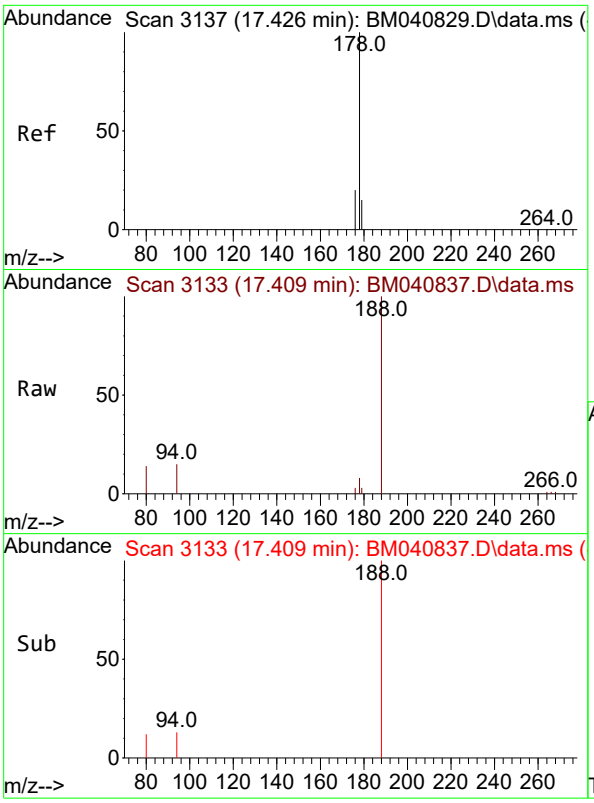




#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

Tgt Ion:178 Resp: 3669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 21.3 | 12.8 | 19.2# |
| 176 | 23.4 | 16.4 | 24.6 |



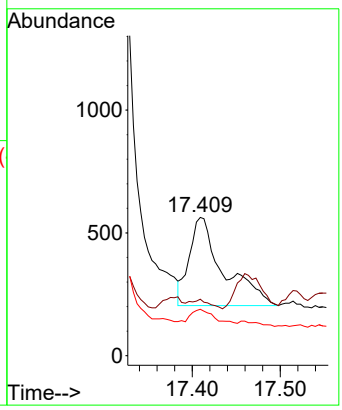


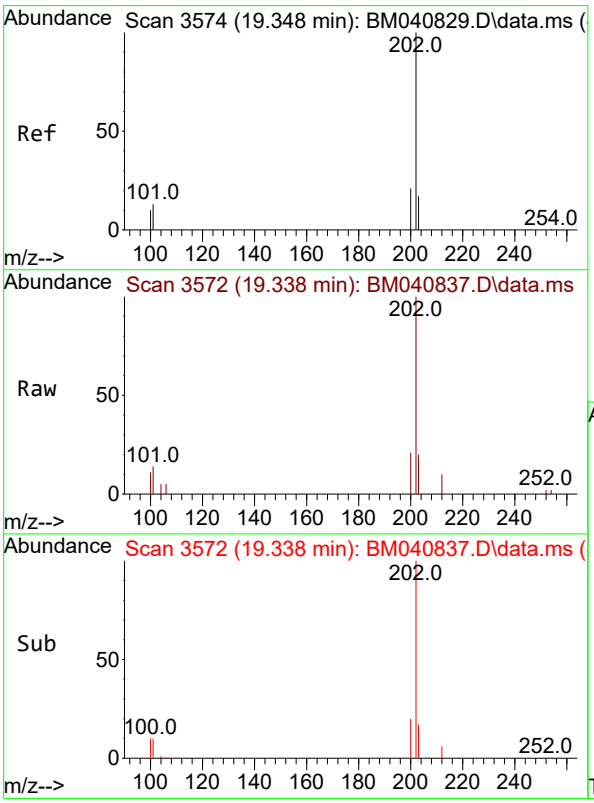

#16
Anthracene
Concen: 0.036 ng/ul
RT: 17.409 min Scan# 3
Delta R.T. -0.021 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Tgt Ion:178 Resp: 969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 40.9 | 12.9 | 19.3# |
| 176 | 33.6 | 15.8 | 23.6# |

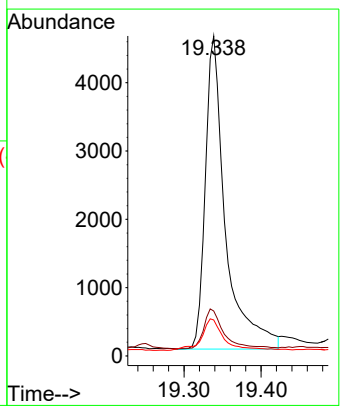


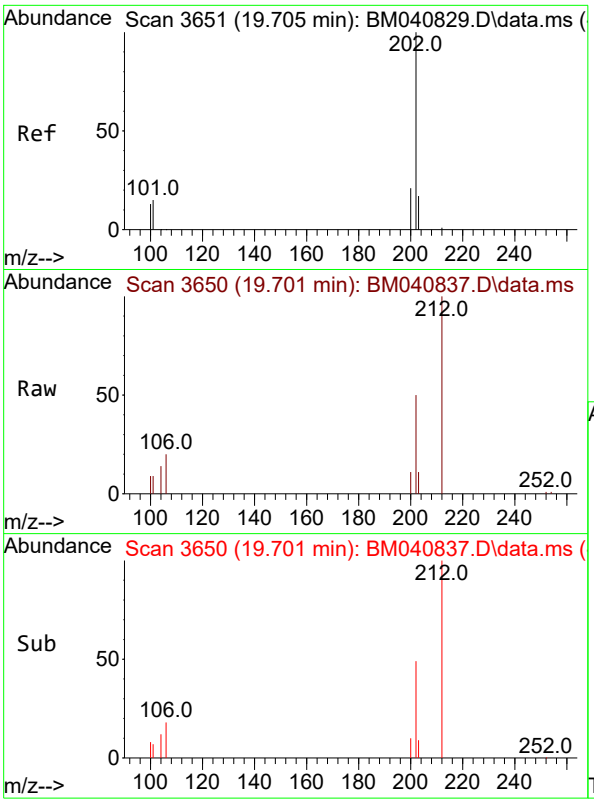




#19
Fluoranthene
Concen: 0.276 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

Tgt Ion:202 Resp: 8339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.0 | 11.4 | 17.0 |
| 100 | 11.2 | 8.7 | 13.1 |



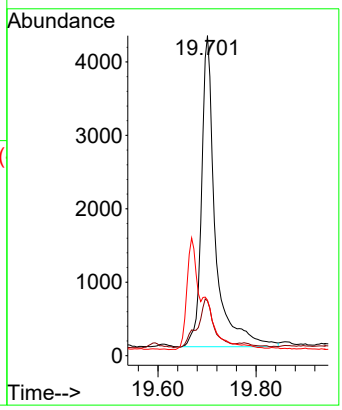


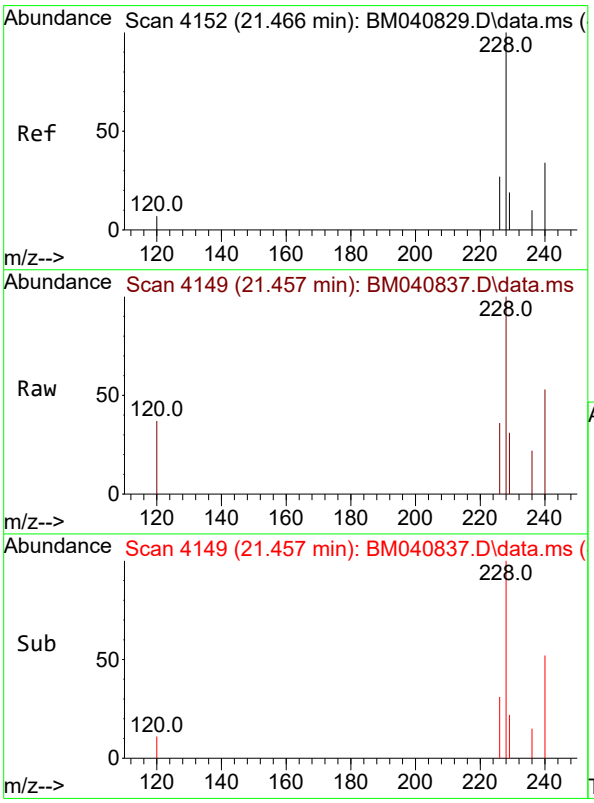

#20
Pyrene
Concen: 0.256 ng/ul
RT: 19.701 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Tgt Ion:202 Resp: 8297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 17.1 | 12.6 | 18.8 |
| 100 | 17.4 | 9.8 | 14.6# |

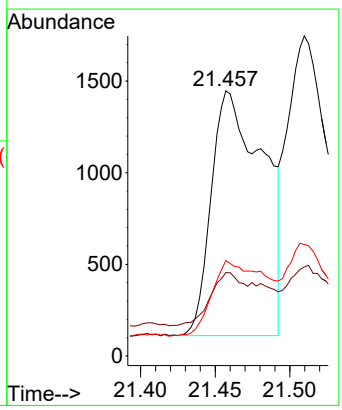


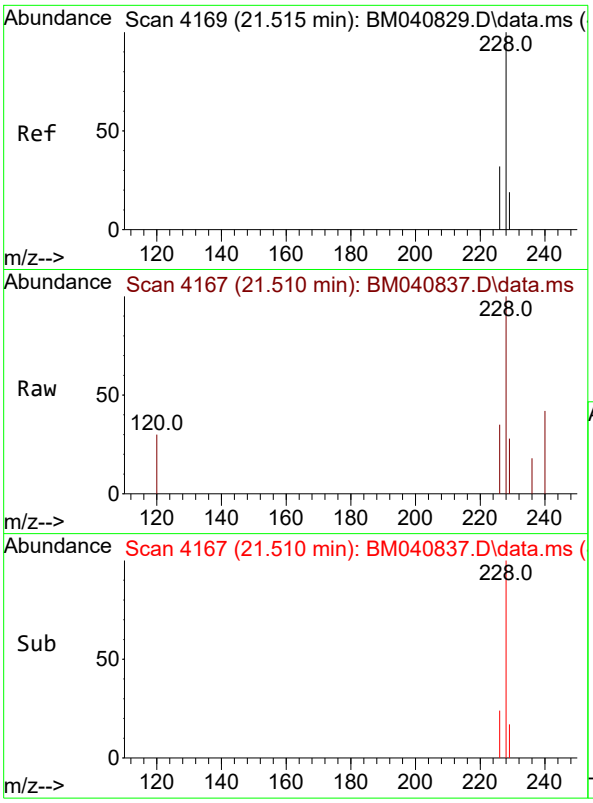




#21
Benzo(a)anthracene
Concen: 0.135 ng/ul
RT: 21.457 min Scan# 4149
Delta R.T. -0.012 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

Tgt Ion:228 Resp: 3244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 31.4 | 16.0 | 24.0# |
| 226 | 36.0 | 22.3 | 33.5# |



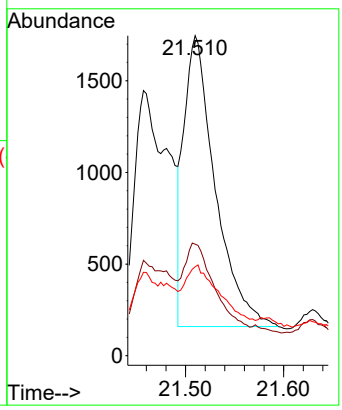


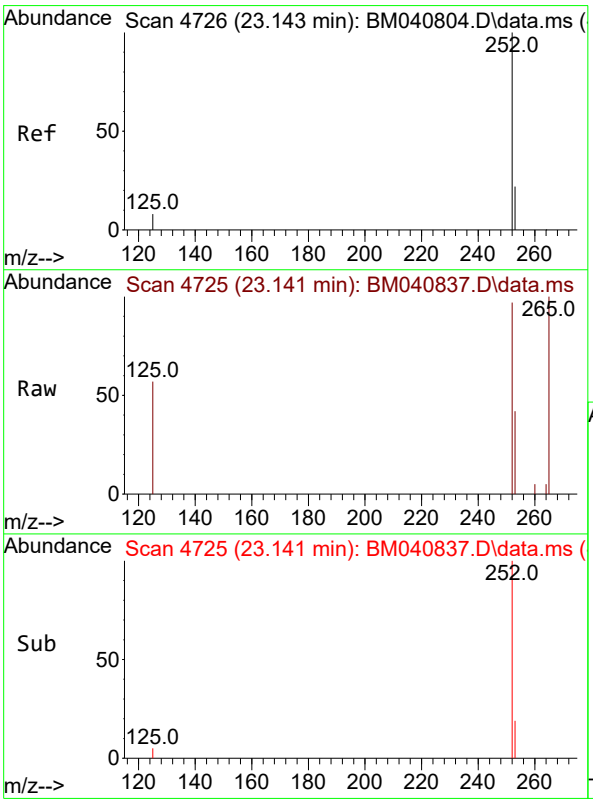

#22
Chrysene
Concen: 0.128 ng/ul
RT: 21.510 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Tgt Ion:228 Resp: 3514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.9 | 24.9 | 37.3 |
| 229 | 27.8 | 15.8 | 23.6# |

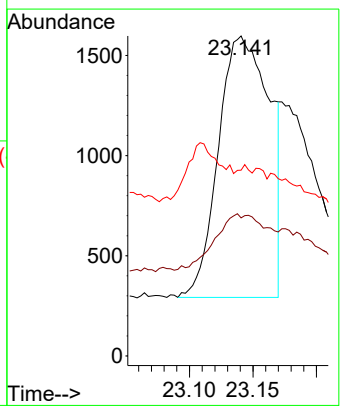


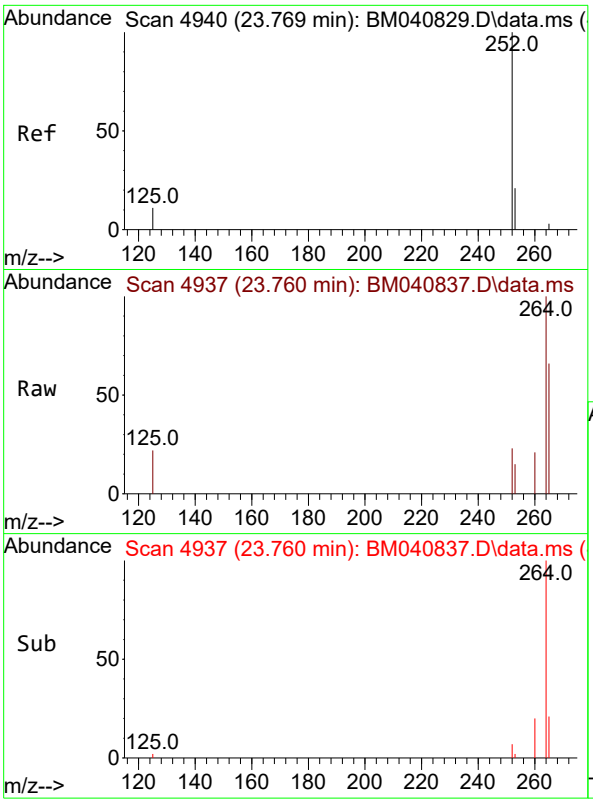




#24
Benzo(b)fluoranthene
Concen: 0.207 ng/ul
RT: 23.141 min Scan# 4725
Delta R.T. -0.003 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

Tgt Ion:252 Resp: 3654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 43.1 | 0.0 | 52.8 |
| 125 | 58.0 | 0.0 | 43.0# |



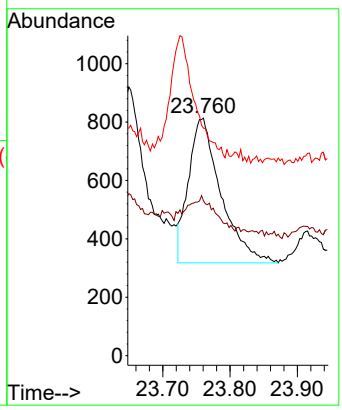


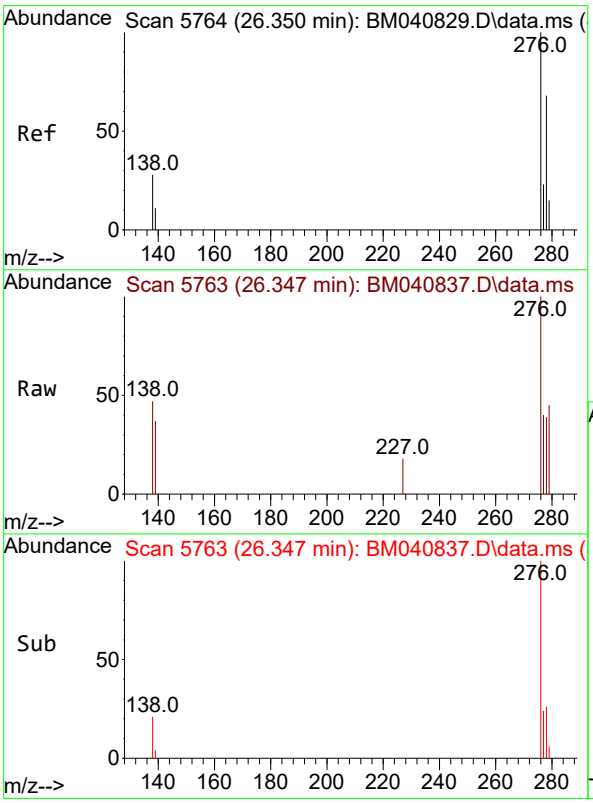

#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.760 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Tgt Ion:252 Resp: 1665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 65.2 | 22.9 | 34.3# |
| 125 | 95.7 | 21.0 | 31.4# |

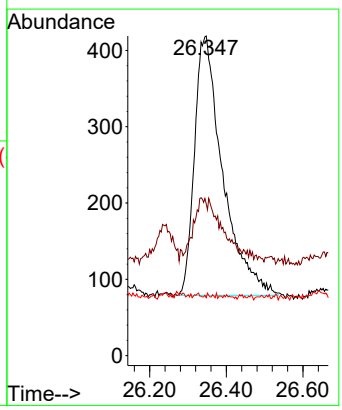


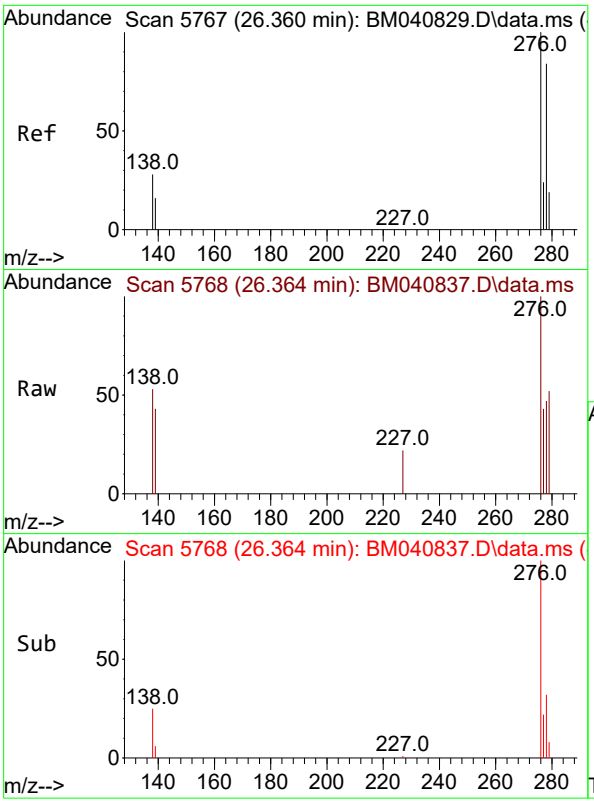




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 26.347 min Scan# 5763
Delta R.T. -0.017 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

Tgt Ion:276 Resp: 1743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 24.5 | 36.7# |
| 227 | 0.2 | 0.1 | 0.1# |






#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 26.364 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

**Instrument :**
BNA_M
**ClientSampleId :**
A4639

Tgt Ion:278 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 91.0 | 17.9 | 26.9# |
| 279 | 110.8 | 22.0 | 33.0# |