Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0S95

Quant Time: Apr 24 23:50:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.551 | 152 | 829 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.314 | 136 | 2473 | 0.400 | ng/ul | #-0.02 |
| 9) Acenaphthene-d10 | 14.201 | 164 | 1369 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.061 | 188 | 143316 | 0.400 | ng/ul | # 0.08 |
| 17) Chrysene-d12 | 21.192 | 240 | 2733 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.378 | 264 | 4266 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.163 | 96 | 3689 | 3.320 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 11.942 | 152 | 722 | 0.221 | ng/ul | 0.01 |
| 18) Fluoranthene-d10 | 19.007 | 212 | 1734 | 0.202 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 19) Fluoranthene | 19.039 | 202 | 5443 | 0.432 | ng/ul# | 92 |
| 20) Pyrene | 19.402 | 202 | 4914 | 0.379 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.184 | 228 | 1849 | 0.212 | ng/ul | 98 |
| 22) Chrysene | 21.230 | 228 | 2089 | 0.156 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.721 | 252 | 3409 | 0.238 | ng/ul | 82 |
| 25) Benzo(k)fluoranthene | 22.721 | 252 | 4231 | 0.233 | ng/ul# | 82 |
| 26) Benzo(a)pyrene | 23.273 | 252 | 2060 | 0.138 | ng/ul# | 87 |
| 27) Indeno(1,2,3-cd)pyrene | 25.587 | 276 | 1659 | 0.077 | ng/ul | 97 |
| 28) Dibenzo(a,h)anthracene | 25.608 | 278 | 364 | 0.021 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 26.255 | 276 | 1785 | 0.092 | ng/ul# | 89 |

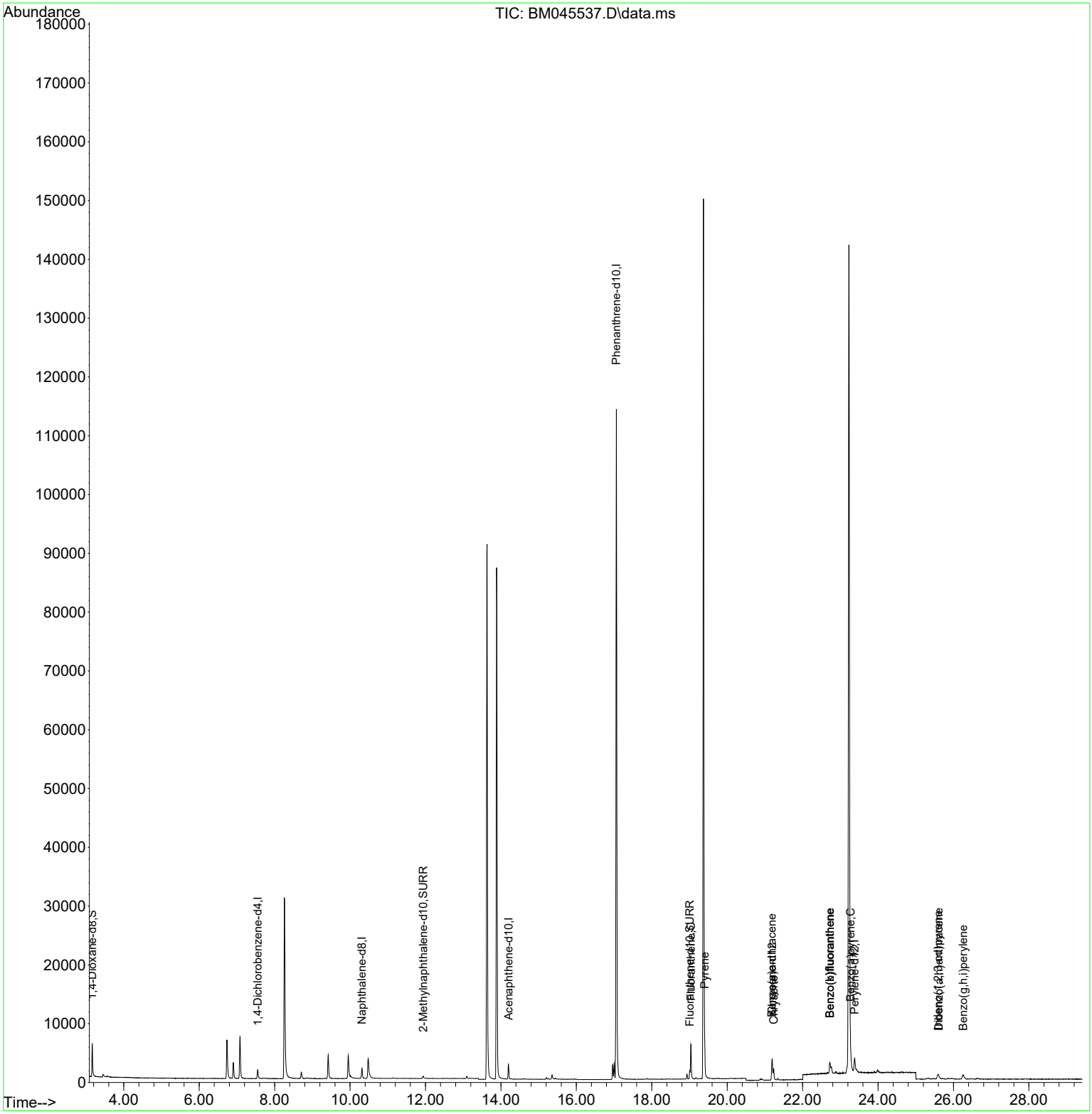
(#) = qualifier out of range (m) = manual integration (+) = signals summed

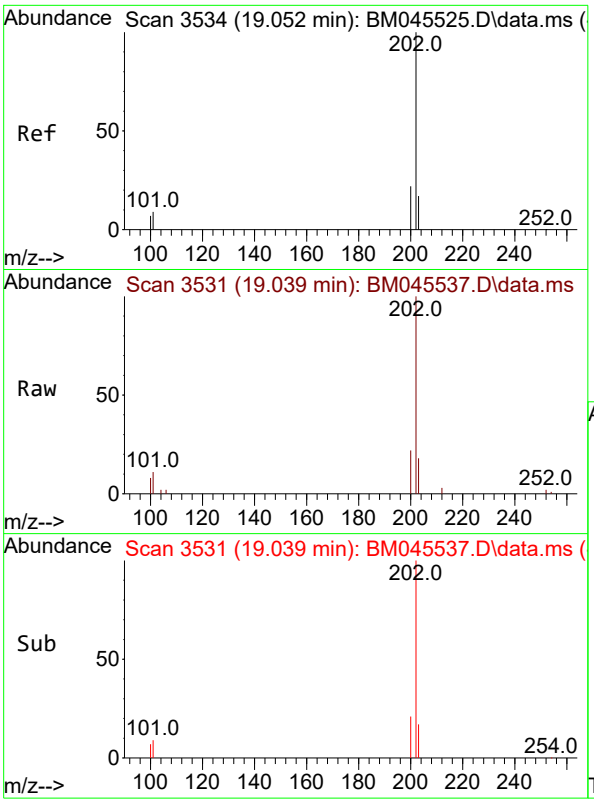
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045537.D
Acq On : 24 Apr 2024 21:19
Operator : MA/JU
Sample : P2164-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0S95

Quant Time: Apr 24 23:50:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration



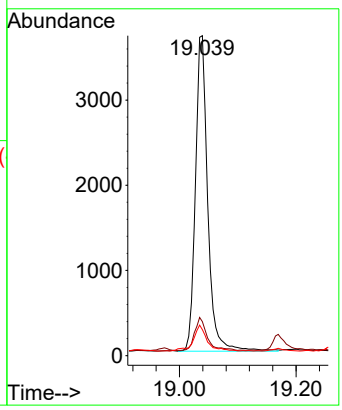


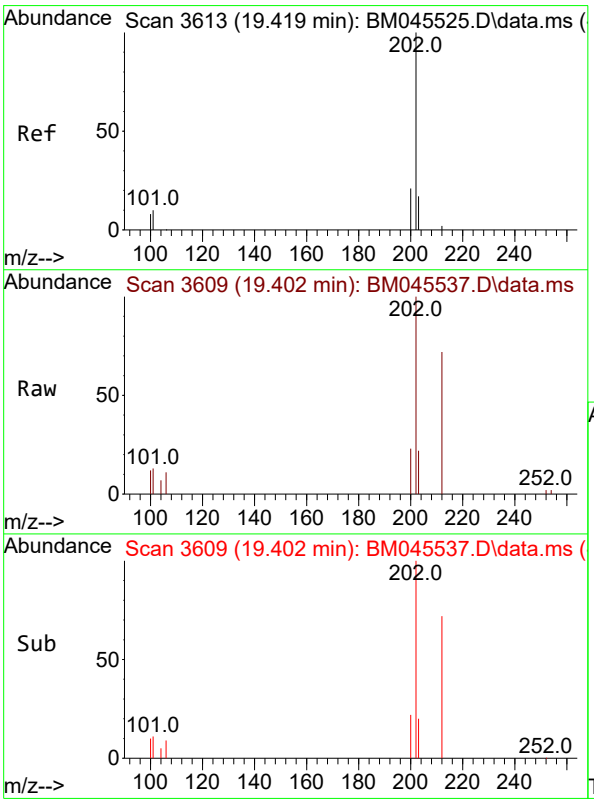

#19
Fluoranthene
Concen: 0.432 ng/ul
RT: 19.039 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

**Instrument :**
BNA_M
**ClientSampleId :**
C0S95

Tgt Ion:202 Resp: 5443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.6 | 11.2 | 16.8# |
| 100 | 8.1 | 9.1 | 13.7# |

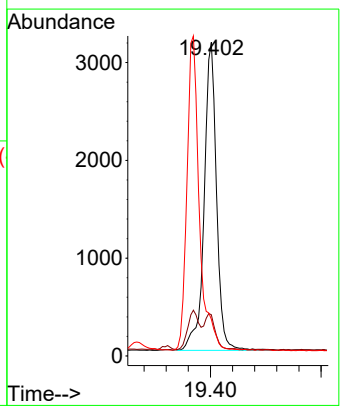


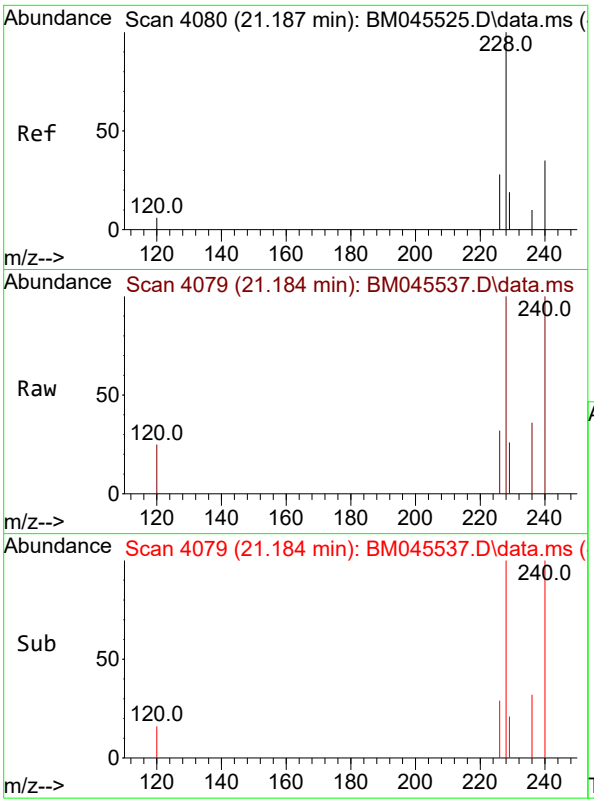




#20
Pyrene
Concen: 0.379 ng/ul
RT: 19.402 min Scan# 3609
Delta R.T. -0.013 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

Tgt Ion:202 Resp: 4914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.2 | 11.5 | 17.3 |
| 100 | 11.7 | 10.6 | 15.8 |



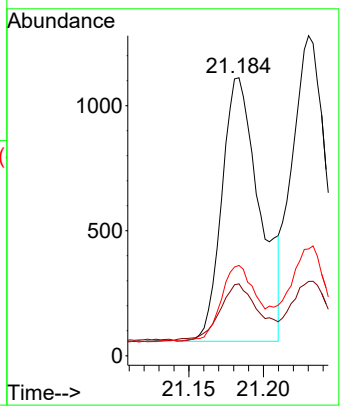


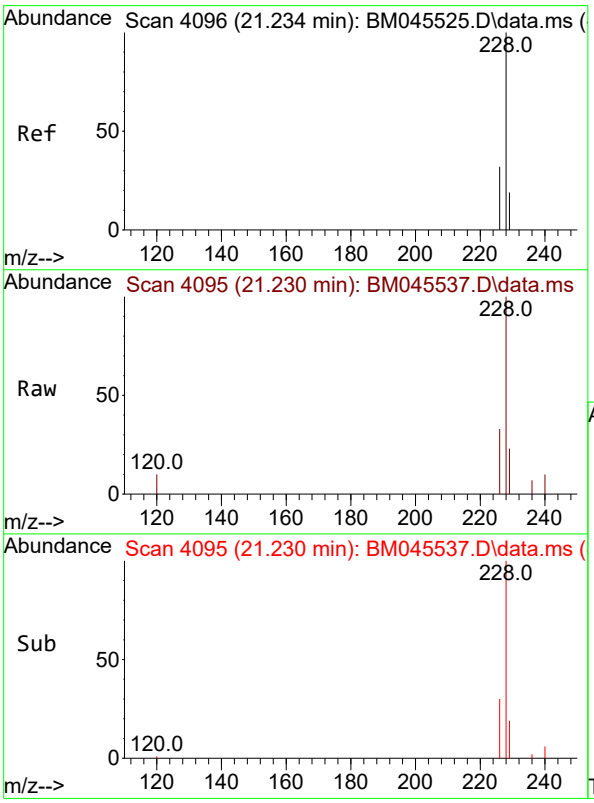

#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.184 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

**Instrument :**
BNA_M
**ClientSampleId :**
C0S95

Tgt Ion:228 Resp: 1849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 25.9 | 19.4 | 29.2 |
| 226 | 32.5 | 26.3 | 39.5 |

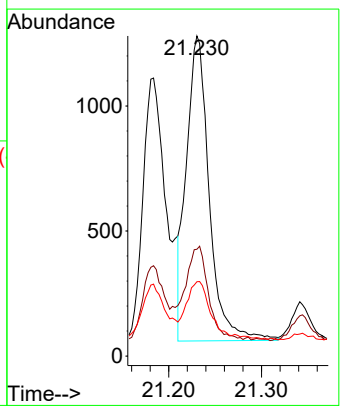


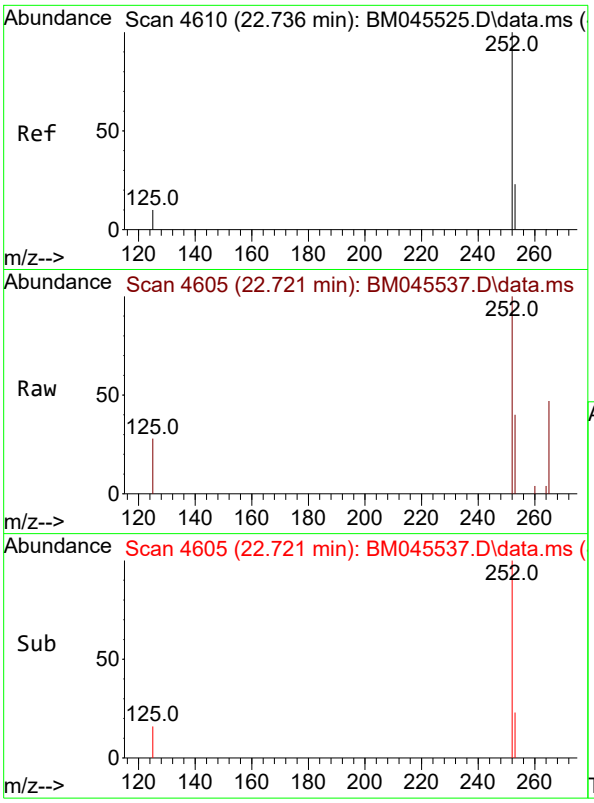




#22
Chrysene
Concen: 0.156 ng/ul
RT: 21.230 min Scan# 4095
Delta R.T. 0.002 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

Tgt Ion:228 Resp: 2089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.4 | 26.3 | 39.5 |
| 229 | 23.2 | 17.8 | 26.8 |



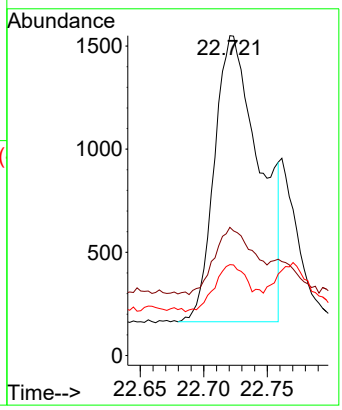


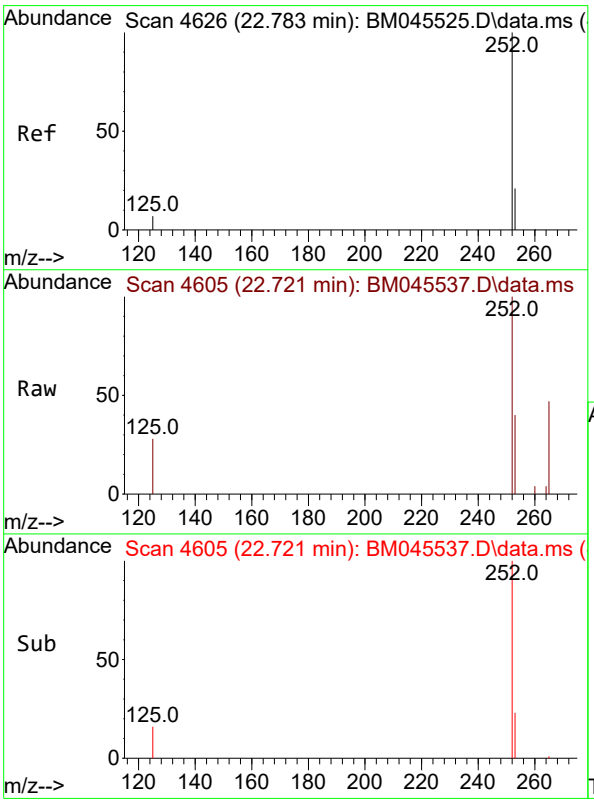

#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul
RT: 22.721 min Scan# 4
Delta R.T. -0.010 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

**Instrument :**
BNA_M
**ClientSampleId :**
C0S95

Tgt Ion:252 Resp: 3409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 40.1 | 0.0 | 63.4 |
| 125 | 28.5 | 0.0 | 36.8 |

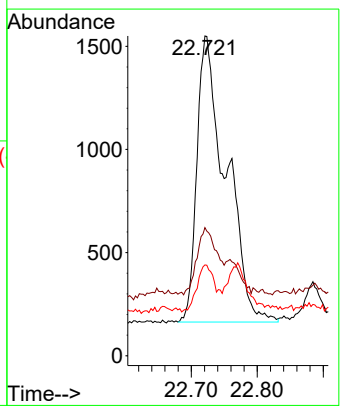


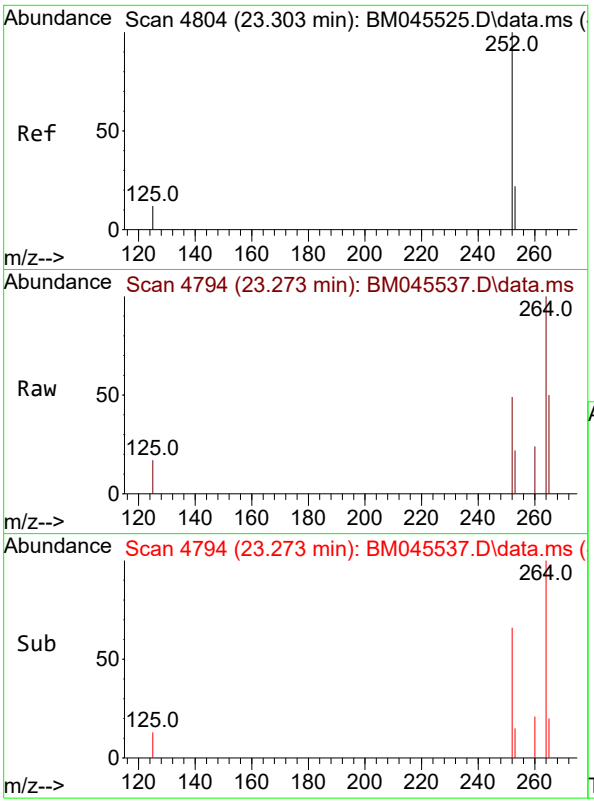




#25
Benzo(k)fluoranthene
Concen: 0.233 ng/ul
RT: 22.721 min Scan# 4605
Delta R.T. -0.050 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

Tgt Ion:252 Resp: 4231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 40.1 | 25.4 | 38.0# |
| 125 | 28.5 | 14.8 | 22.2# |



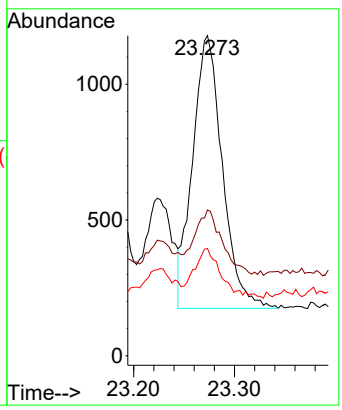


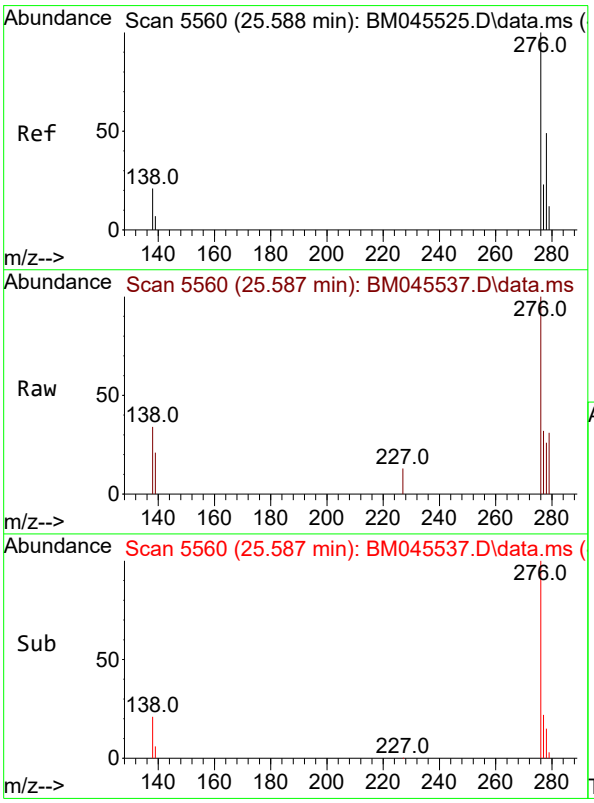

#26
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.273 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

**Instrument :**
BNA_M
**ClientSampleId :**
C0S95

Tgt Ion:252 Resp: 2060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 45.5 | 31.6 | 47.4 |
| 125 | 33.5 | 19.5 | 29.3# |

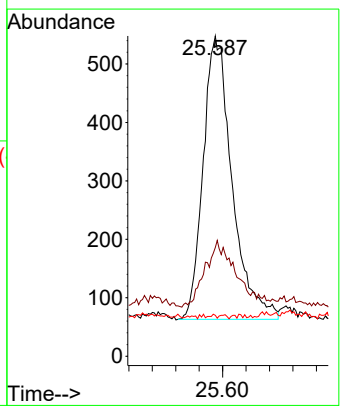


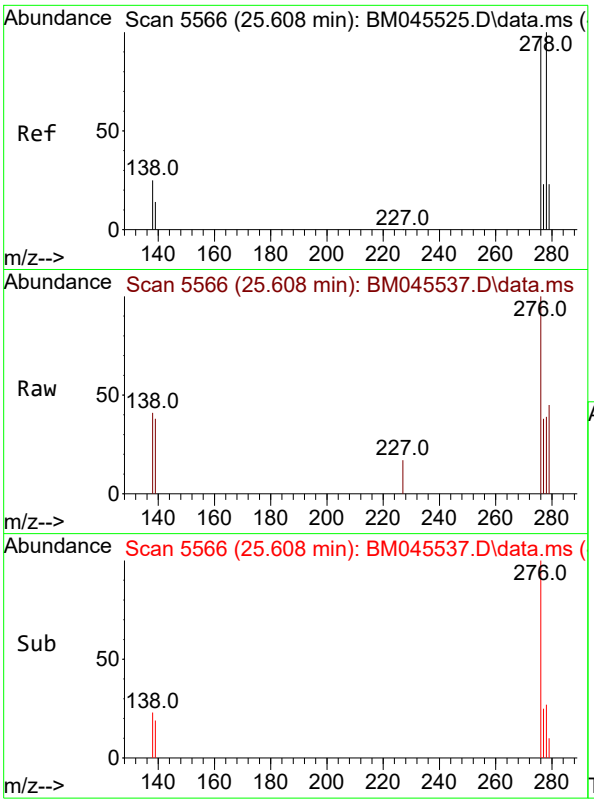




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng/ul
RT: 25.587 min Scan# 5560
Delta R.T. 0.016 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

Tgt Ion:276 Resp: 1659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.0 | 19.8 | 29.6 |
| 227 | 0.2 | 0.2 | 0.2 |



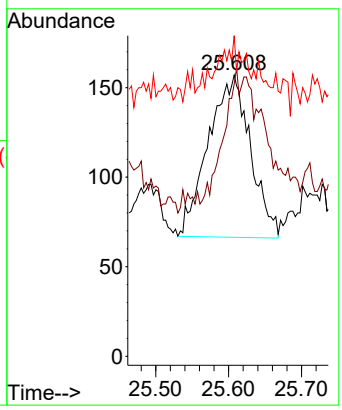


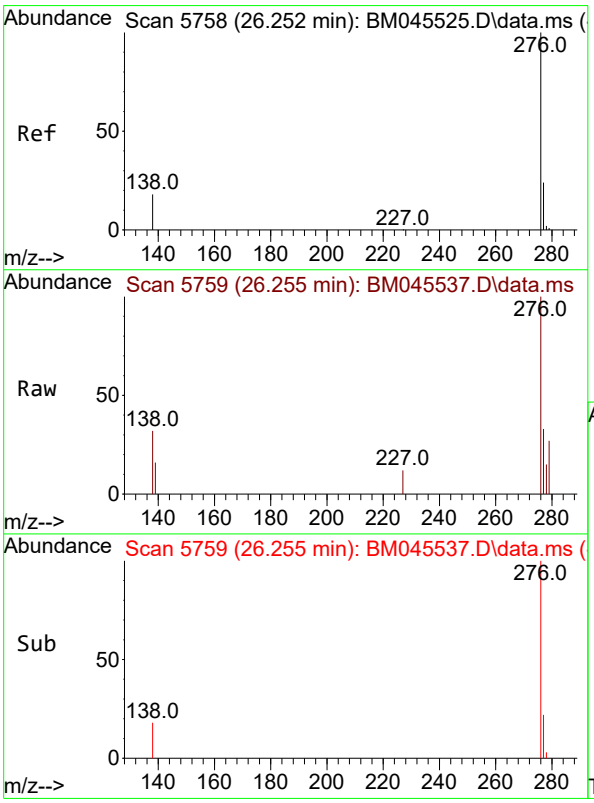

#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.608 min Scan# 5
Delta R.T. 0.019 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

**Instrument :**
BNA_M
**ClientSampleId :**
C0S95

Tgt Ion:278 Resp: 364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 96.8 | 19.0 | 28.6# |
| 279 | 114.0 | 29.4 | 44.2# |




#29
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.255 min Scan# 5759
Delta R.T. 0.019 min
Lab File: BM045537.D
Acq: 24 Apr 2024 21:19

Tgt Ion:276 Resp: 1785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 32.0 | 20.8 | 31.2# |
| 277 | 33.1 | 21.8 | 32.8# |