Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041532.D
Acq On : 28 Aug 2023 21:31
Operator : MA/JU
Sample : 04037-08DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Quant Time: Aug 29 02:49:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.110 | 152 | 11853 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.944 | 136 | 31894 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.749 | 164 | 15461 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.502 | 188 | 31826 | 0.400 | ng/ul | # | 0.00 |
| 17) Chrysene-d12 | 21.688 | 240 | 12092 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 24.252 | 264 | 12492 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.448 | 96 | 11262 | 0.764 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.517 | 152 | 1871 | 0.044 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.524 | 212 | 2791 | 0.056 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.994 | 128 | 3908 | 0.038 | ng/ul | # | 93 |
| 7) 2-Methylnaphthalene | 12.588 | 142 | 3838 | 0.062 | ng/ul | | 99 |
| 8) 1-Methylnaphthalene | 12.808 | 142 | 1617 | 0.026 | ng/ul | | 98 |
| 15) Phenanthrene | 17.544 | 178 | 22308 | 0.171 | ng/ul | | 98 |
| 16) Anthracene | 17.637 | 178 | 3832 | 0.032 | ng/ul | # | 84 |
| 19) Fluoranthene | 19.552 | 202 | 43128 | 0.385 | ng/ul | | 96 |
| 20) Pyrene | 19.919 | 202 | 67996 | 0.600 | ng/ul | | 97 |
| 21) Benzo(a)anthracene | 21.670 | 228 | 19180 | 0.223 | ng/ul | | 95 |
| 22) Chrysene | 21.726 | 228 | 38834 | 0.455 | ng/ul | | 97 |
| 24) Benzo(b)fluoranthene | 23.459 | 252 | 53406 | 0.672 | ng/ul | | 85 |
| 26) Benzo(a)pyrene | 24.135 | 252 | 22098 | 0.308 | ng/ul | # | 67 |
| 27) Indeno(1,2,3-cd)pyrene | 26.964 | 276 | 27953 | 0.290 | ng/ul | # | 93 |
| 28) Dibenzo(a,h)anthracene | 26.981 | 278 | 6277 | 0.090 | ng/ul | # | 51 |
| 29) Benzo(g,h,i)perylene | 27.806 | 276 | 32327 | 0.400 | ng/ul | | 98 |

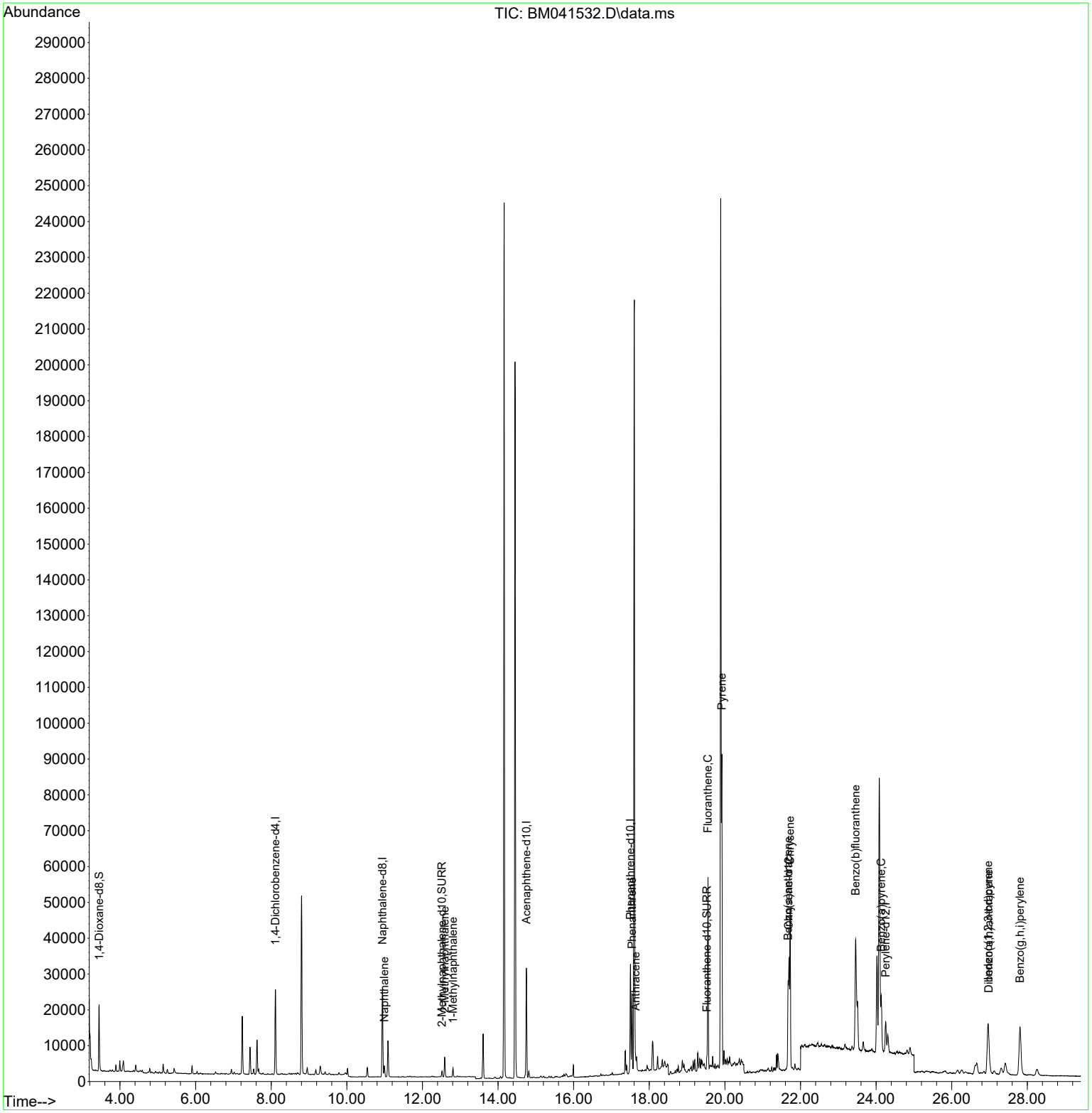
(#) = qualifier out of range (m) = manual integration (+) = signals summed

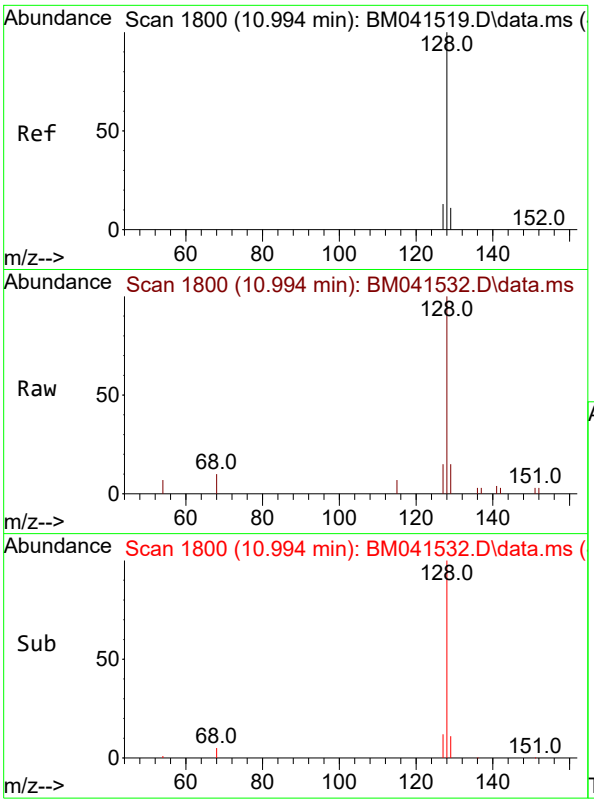
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041532.D
Acq On : 28 Aug 2023 21:31
Operator : MA/JU
Sample : 04037-08DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Quant Time: Aug 29 02:49:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration



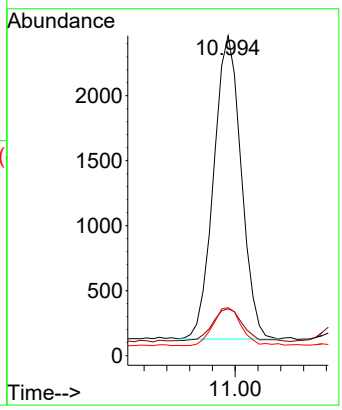


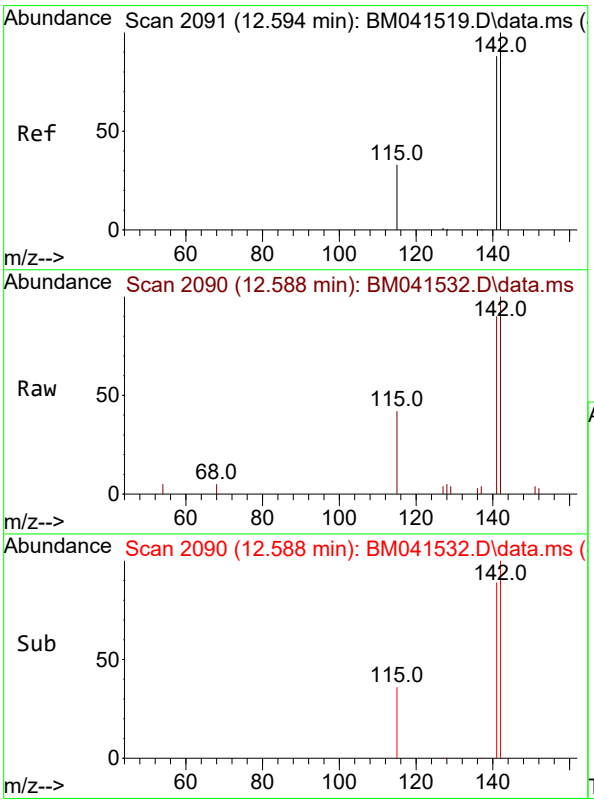

#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.994 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Tgt Ion:128 Resp: 3908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.6 | 8.9 | 13.3# |
| 127 | 15.0 | 10.6 | 15.8 |

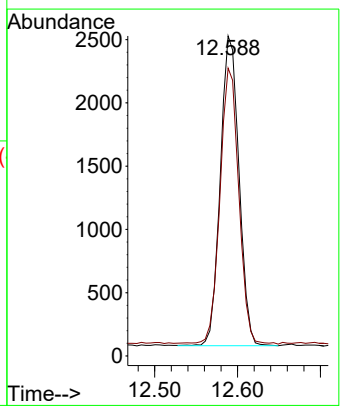


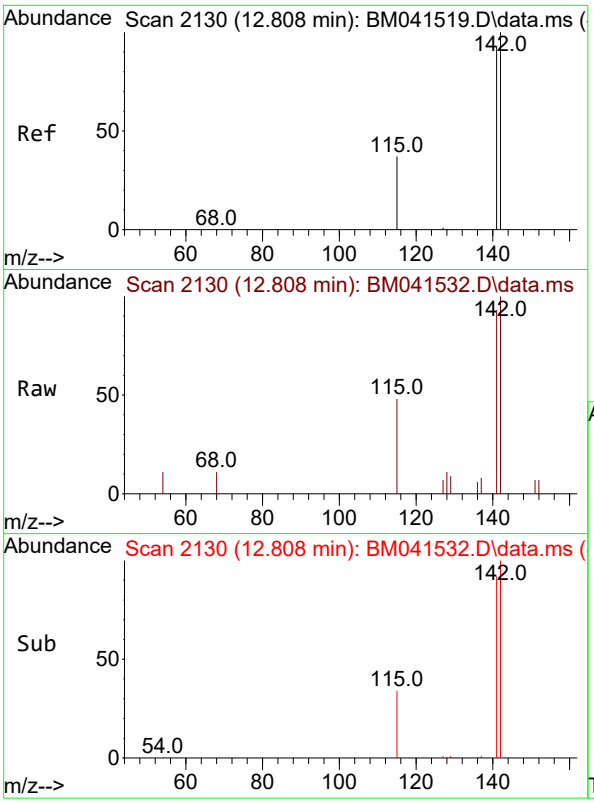




#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:142 Resp: 3838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 71.0 | 106.6 |



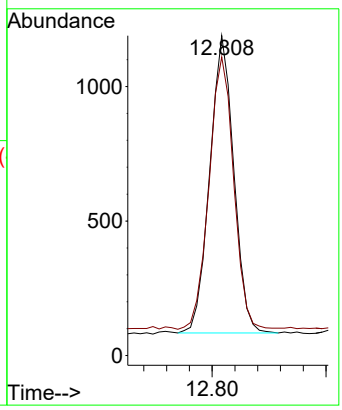


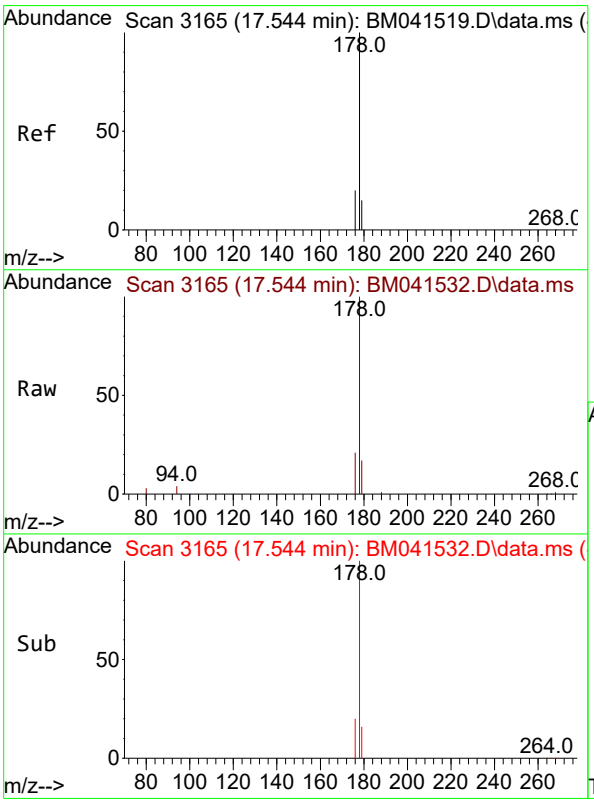

#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Tgt Ion:142 Resp: 1617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.1 | 73.9 | 110.9 |

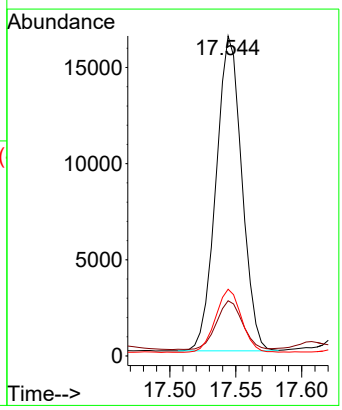


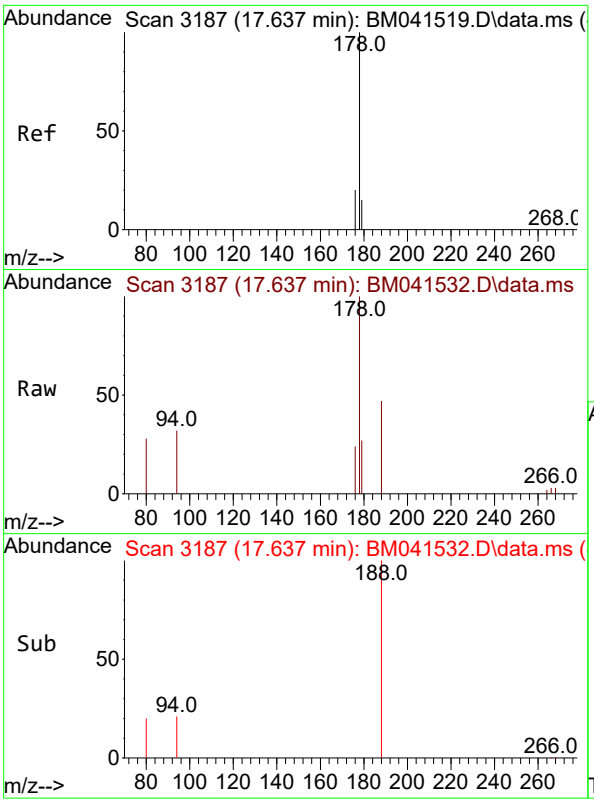




#15
Phenanthrene
Concen: 0.171 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:178 Resp: 22308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 17.2 | 12.6 | 18.8 |
| 176 | 20.9 | 16.3 | 24.5 |



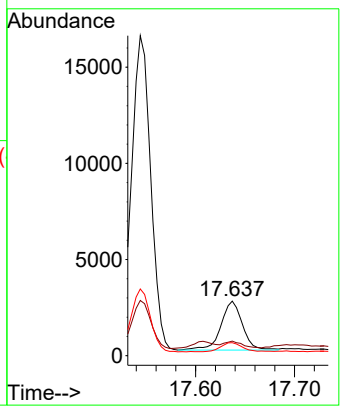


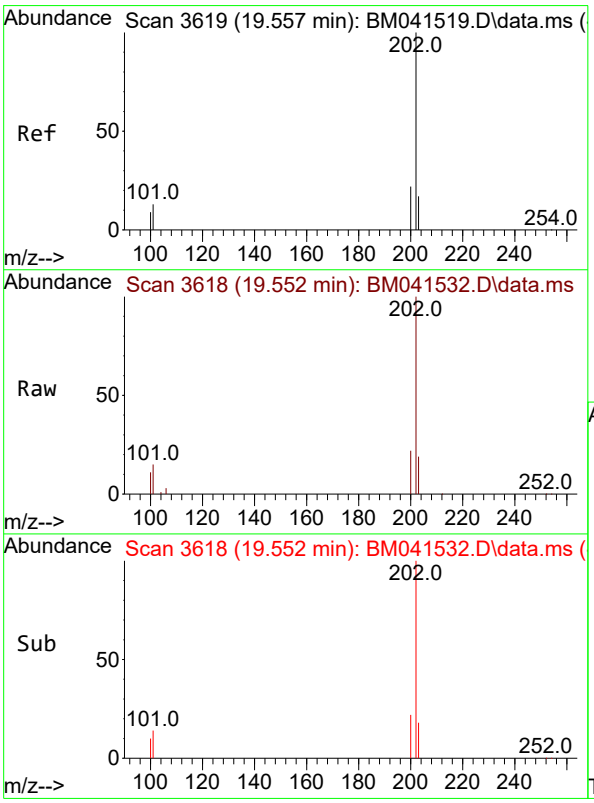

#16
Anthracene
Concen: 0.032 ng/ul
RT: 17.637 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Tgt Ion:178 Resp: 3832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 26.7 | 12.6 | 19.0# |
| 176 | 23.9 | 15.9 | 23.9# |

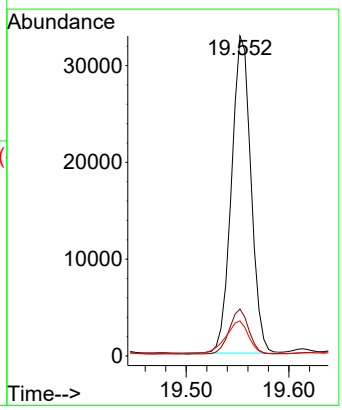


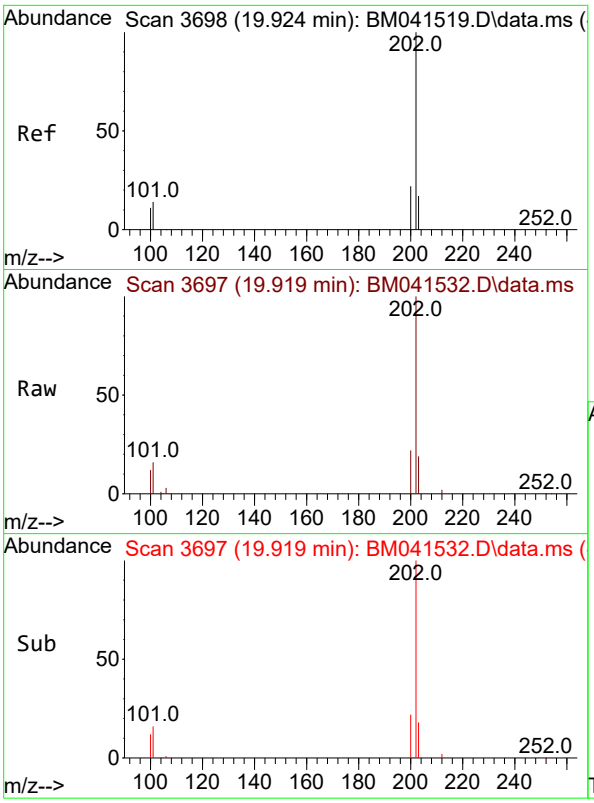




#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:202 Resp: 43128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.7 | 10.5 | 15.7 |
| 100 | 11.0 | 7.8 | 11.6 |



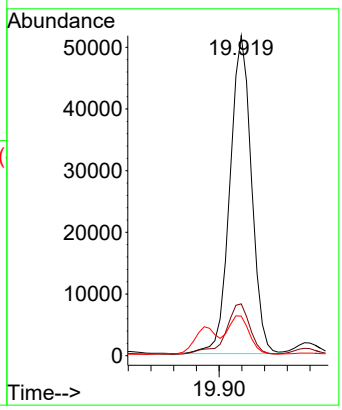


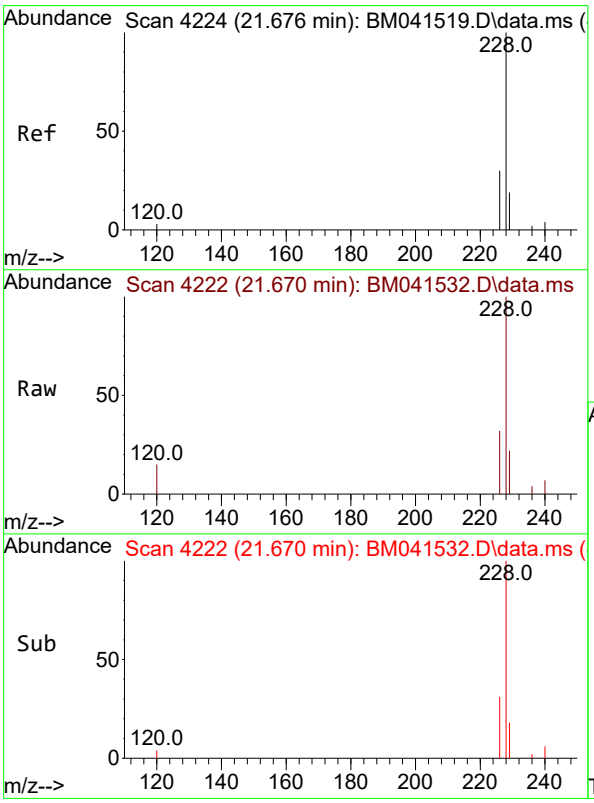

#20
Pyrene
Concen: 0.600 ng/ul
RT: 19.919 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Tgt Ion:202 Resp: 67996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.2 | 11.6 | 17.4 |
| 100 | 12.4 | 9.1 | 13.7 |

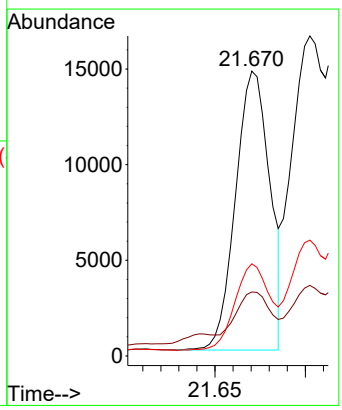


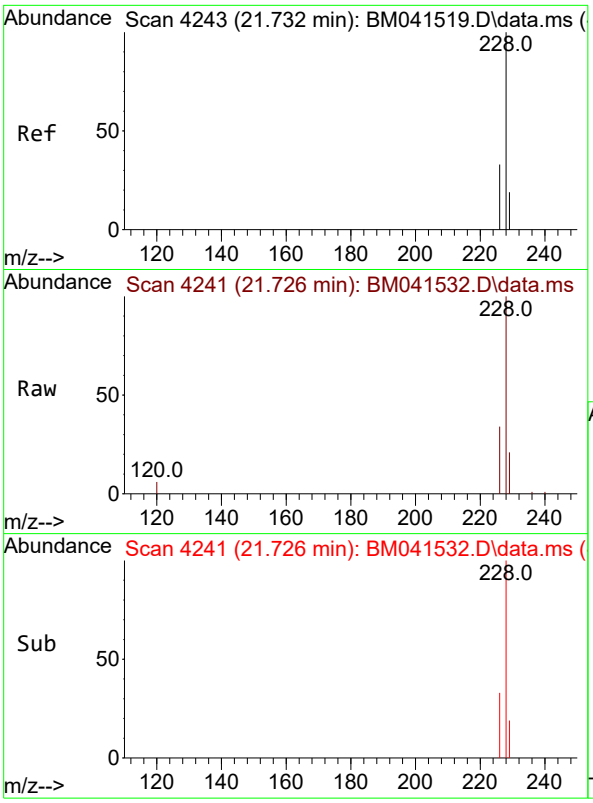




#21
Benzo(a)anthracene
Concen: 0.223 ng/ul
RT: 21.670 min Scan# 4222
Delta R.T. -0.006 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:228 Resp: 19180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.5 | 15.8 | 23.6 |
| 226 | 32.3 | 24.0 | 36.0 |



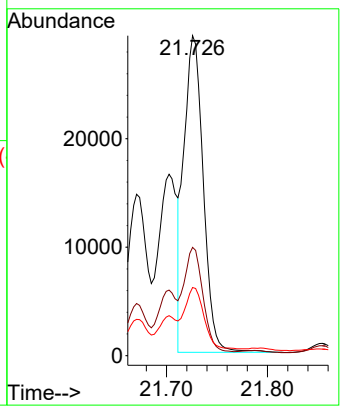


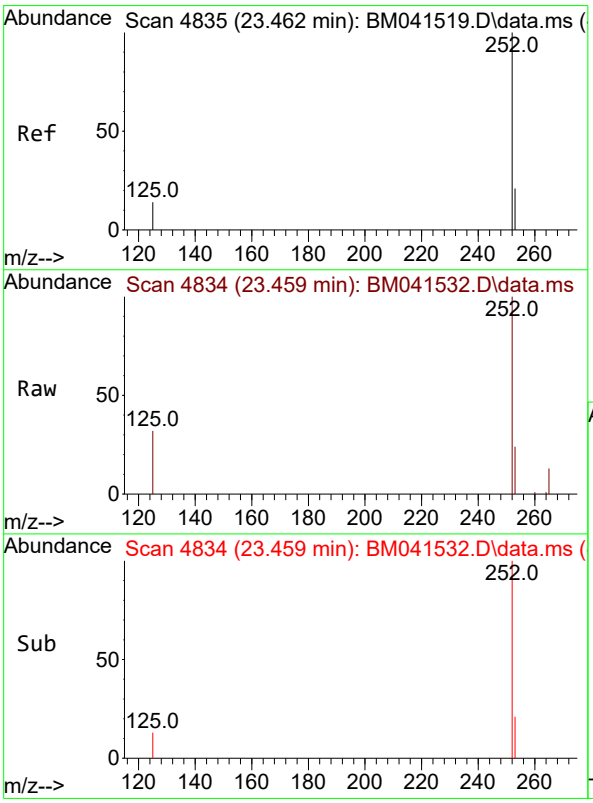

#22
Chrysene
Concen: 0.455 ng/ul
RT: 21.726 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Tgt Ion:228 Resp: 38834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.9 | 26.3 | 39.5 |
| 229 | 21.3 | 15.4 | 23.2 |

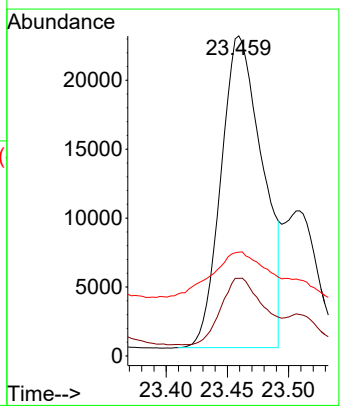


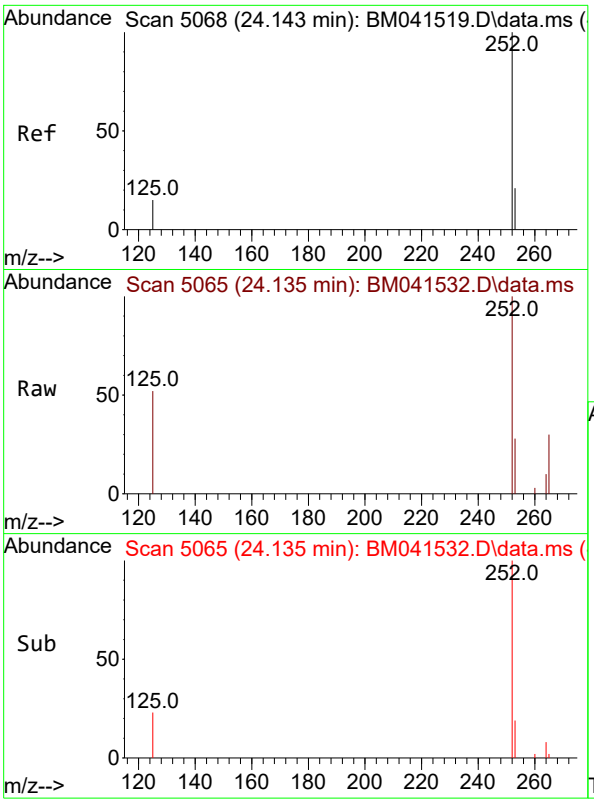




#24
Benzo(b)fluoranthene
Concen: 0.672 ng/ul
RT: 23.459 min Scan# 4834
Delta R.T. -0.003 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:252 Resp: 53406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 0.0 | 47.0 |
| 125 | 32.4 | 0.0 | 37.2 |



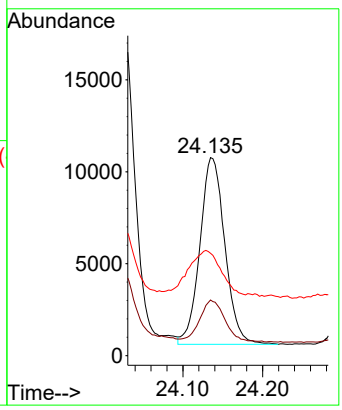


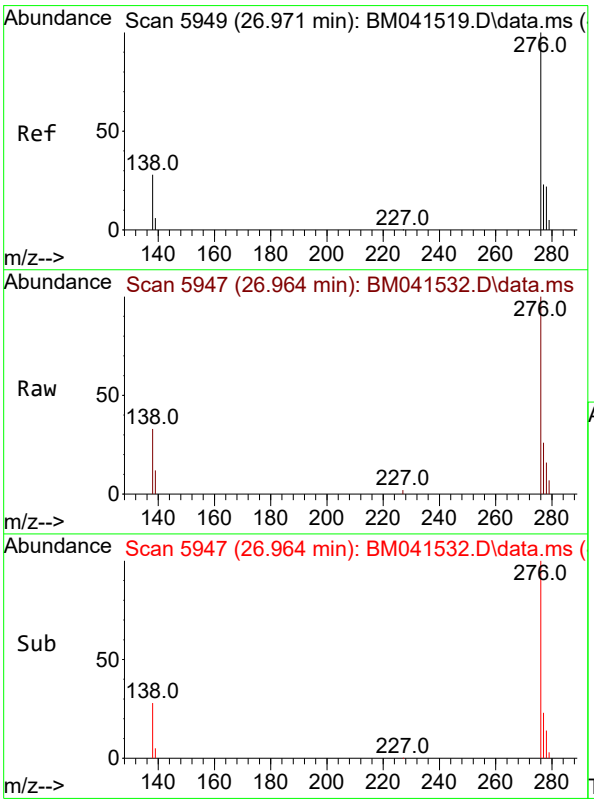

#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 24.135 min Scan# 5
Delta R.T. -0.009 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Tgt Ion:252 Resp: 22098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.1 | 20.0 | 30.0 |
| 125 | 51.7 | 17.1 | 25.7# |

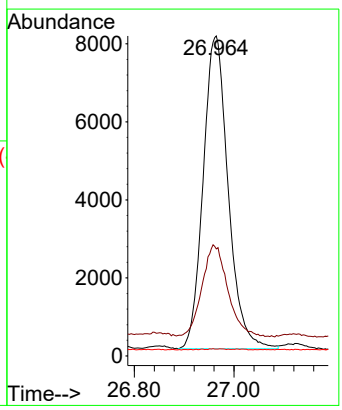


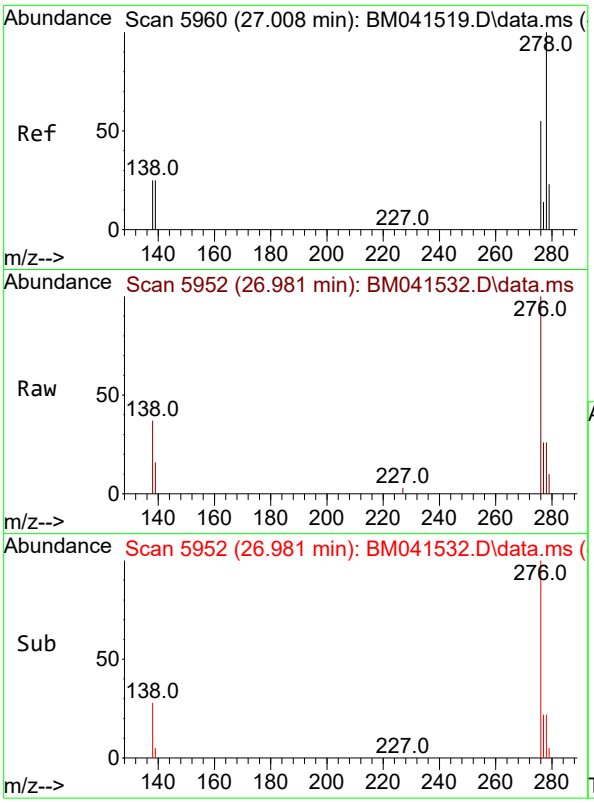




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.290 ng/ul
RT: 26.964 min Scan# 5947
Delta R.T. -0.007 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:276 Resp: 27953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.8 | 27.3 | 40.9 |
| 227 | 0.1 | 0.0 | 0.0# |



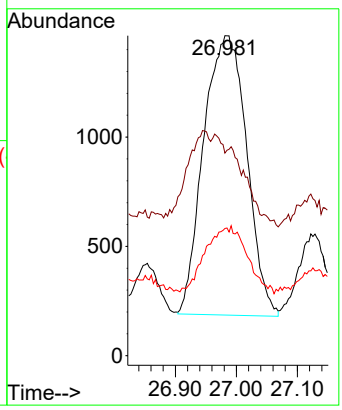


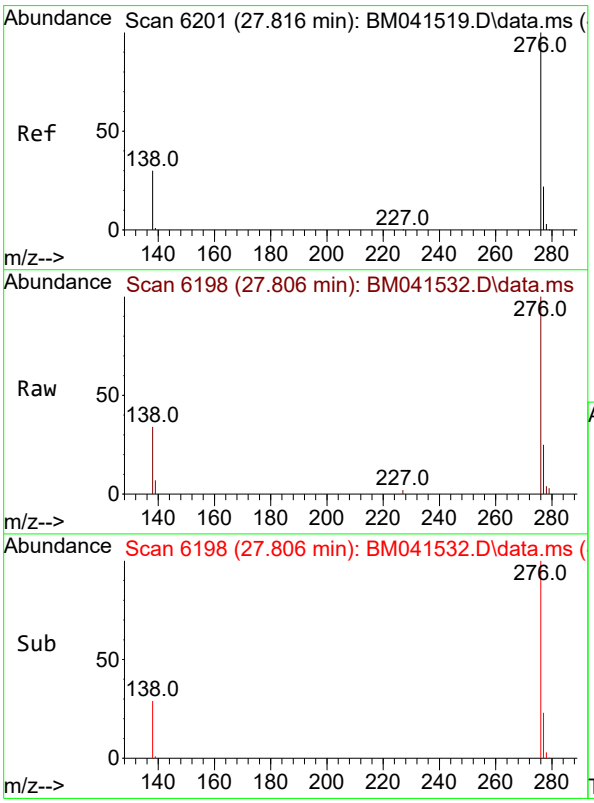

#28
Dibenzo(a,h)anthracene
Concen: 0.090 ng/ul
RT: 26.981 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

**Instrument :**
BNA_M
**ClientSampleId :**
EZYW6DL

Tgt Ion:278 Resp: 6277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 63.3 | 22.2 | 33.2# |
| 279 | 39.8 | 20.4 | 30.6# |




#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.806 min Scan# 6198
Delta R.T. -0.010 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:276 Resp: 32327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 33.9 | 25.9 | 38.9 |
| 277 | 24.8 | 19.1 | 28.7 |