Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045907.D
Acq On : 08 Jun 2024 09:33
Operator : MA/JU
Sample : P2640-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Quant Time: Jun 10 01:27:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.468 | 152 | 6231 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.237 | 136 | 21148 | 0.400 | ng/ul | -0.02 |
| 9) Acenaphthene-d10 | 14.107 | 164 | 10843 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 16.950 | 188 | 1003503 | 0.400 | ng/ul | 0.08 |
| 17) Chrysene-d12 | 21.102 | 240 | 194 | 0.400 | ng/ul | # 0.05 |
| 23) Perylene-d12 | 23.154 | 264 | 24263 | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.058 | 96 | 25290 | 3.564 | ng/ul | -0.03 |
| 6) 2-Methylnaphthalene-d10 | 11.842 | 152 | 6605 | 0.217 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.880 | 212 | 13225 | 22.765 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.281 | 128 | 9217 | 0.167 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 11.914 | 142 | 3609 | 0.102 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.139 | 142 | 2872 | 0.075 | ng/ul | 99 |
| 10) Acenaphthylene | 13.825 | 152 | 10528 | 0.214 | ng/ul | 99 |
| 11) Acenaphthene | 14.172 | 153 | 12030 | 0.332 | ng/ul | 99 |
| 12) Fluorene | 15.162 | 166 | 11833 | 0.292 | ng/ul | 98 |
| 19) Fluoranthene | 18.912 | 202 | 528237 | 682.839 | ng/ul | 98 |
| 20) Pyrene | 19.275 | 202 | 365067 | 452.386 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.079 | 228 | 240499 | 337.731 | ng/ul | 95 |
| 22) Chrysene | 21.079 | 228 | 240499 | 310.222 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.531 | 252 | 428997 | 5.331 | ng/ul | 86 |
| 25) Benzo(k)fluoranthene | 22.689 | 252 | 30562 | 0.346 | ng/ul | 94 |
| 26) Benzo(a)pyrene | 23.060 | 252 | 121132 | 1.514 | ng/ul# | 82 |
| 27) Indeno(1,2,3-cd)pyrene | 25.216 | 276 | 113673 | 1.098 | ng/ul | 94 |
| 28) Dibenzo(a,h)anthracene | 25.219 | 278 | 36050 | 0.436 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 25.846 | 276 | 17948 | 0.201 | ng/ul | 92 |

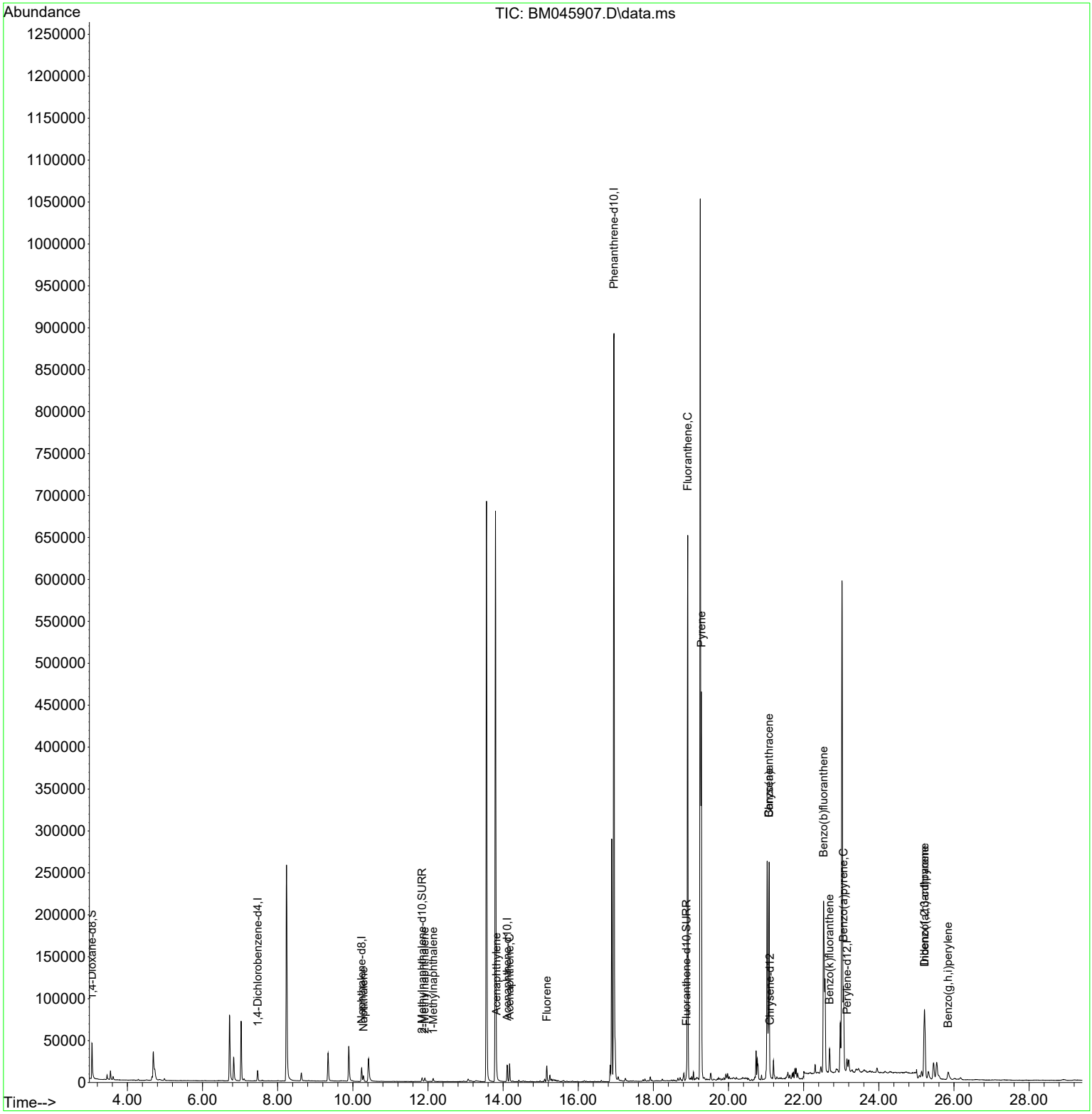
(#) = qualifier out of range (m) = manual integration (+) = signals summed

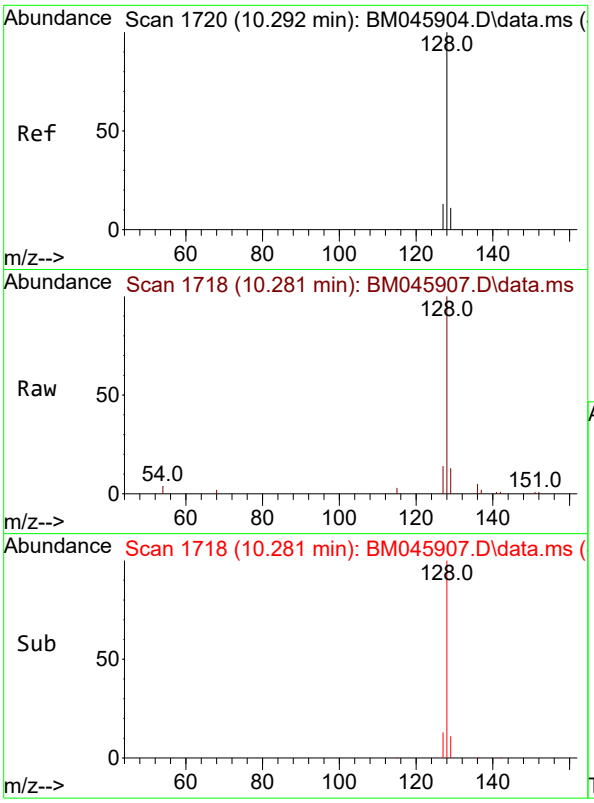
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045907.D
Acq On : 08 Jun 2024 09:33
Operator : MA/JU
Sample : P2640-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Quant Time: Jun 10 01:27:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



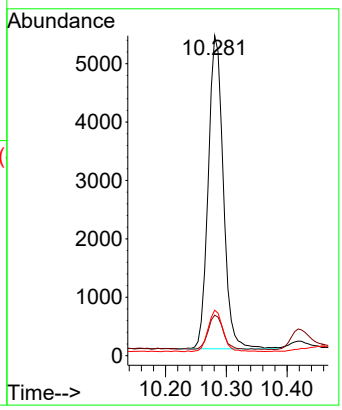


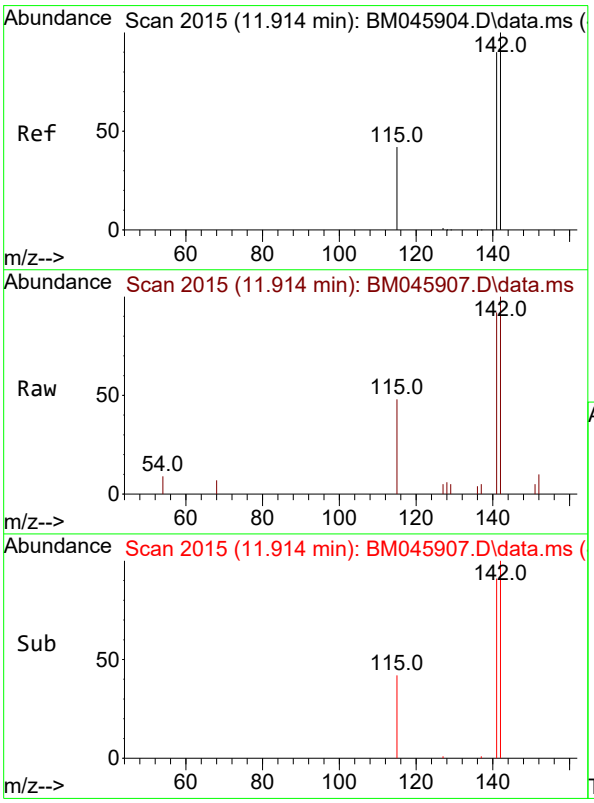

#5
Naphthalene
Concen: 0.167 ng/ul
RT: 10.281 min Scan# 1
Delta R.T. -0.022 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:128 Resp: 9217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.7 | 9.4 | 14.0 |
| 127 | 14.2 | 10.6 | 15.8 |

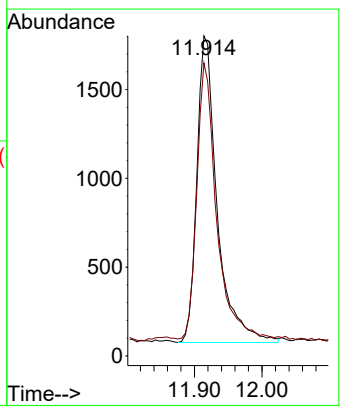


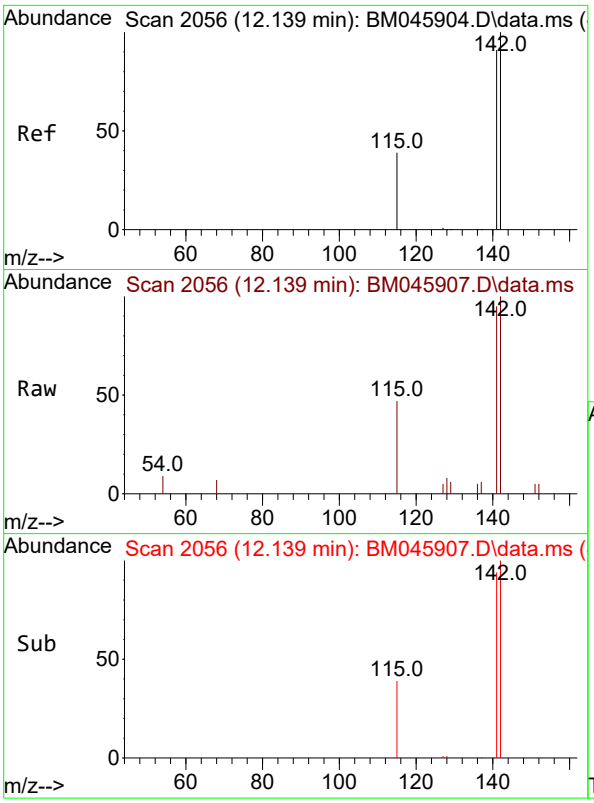




#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:142 Resp: 3609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 72.2 | 108.4 |



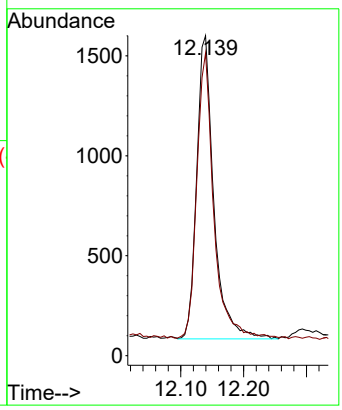


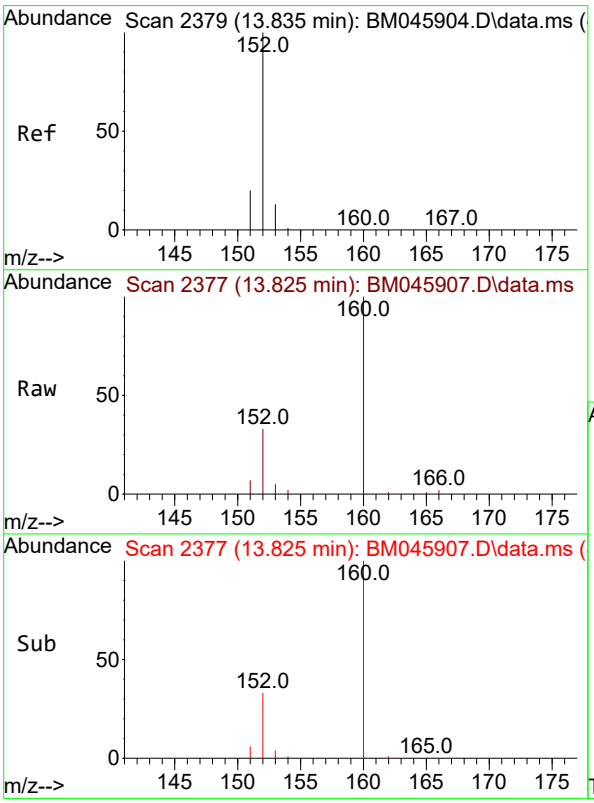

#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:142 Resp: 2872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 73.5 | 110.3 |

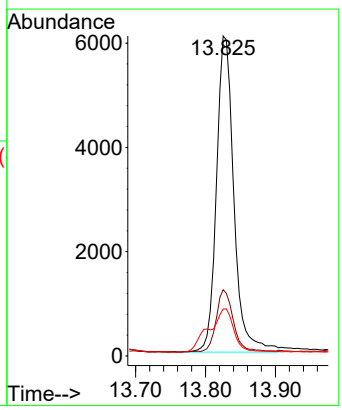


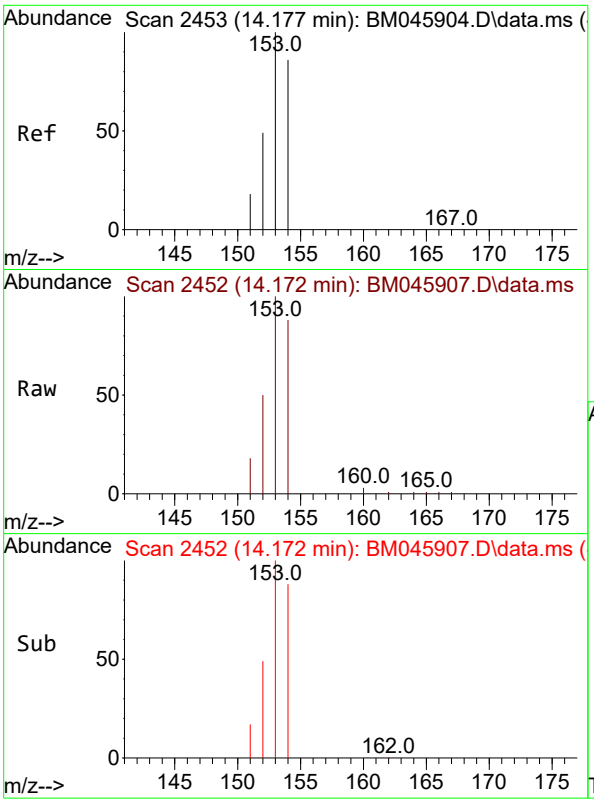




#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.014 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:152 Resp: 10528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.4 | 24.6 |
| 153 | 14.6 | 11.1 | 16.7 |



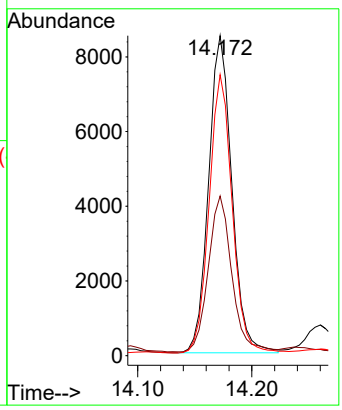


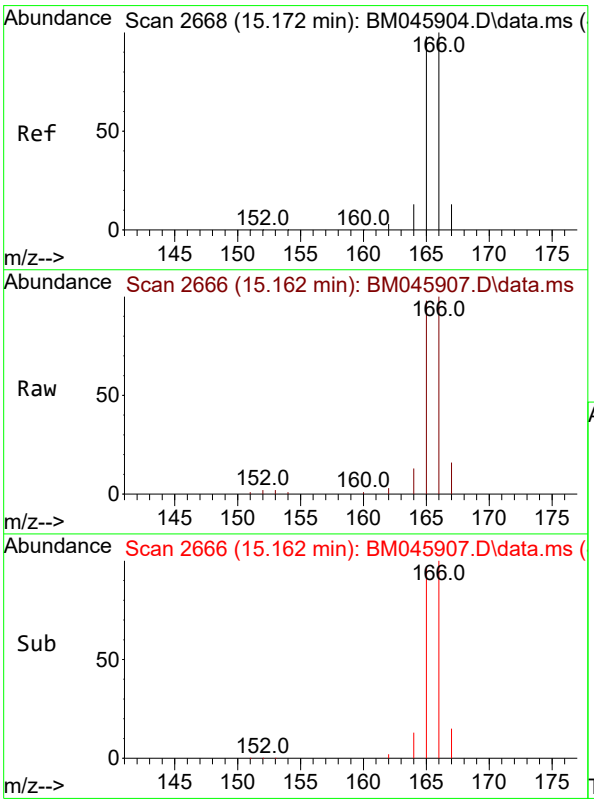

#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:153 Resp: 12030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.9 | 39.0 | 58.4 |
| 154 | 87.8 | 69.4 | 104.2 |

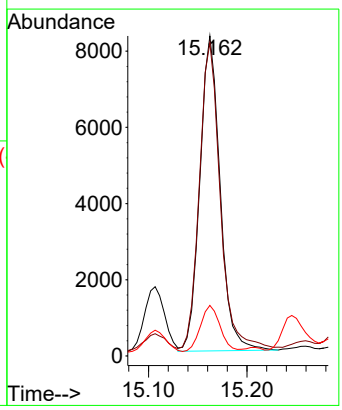


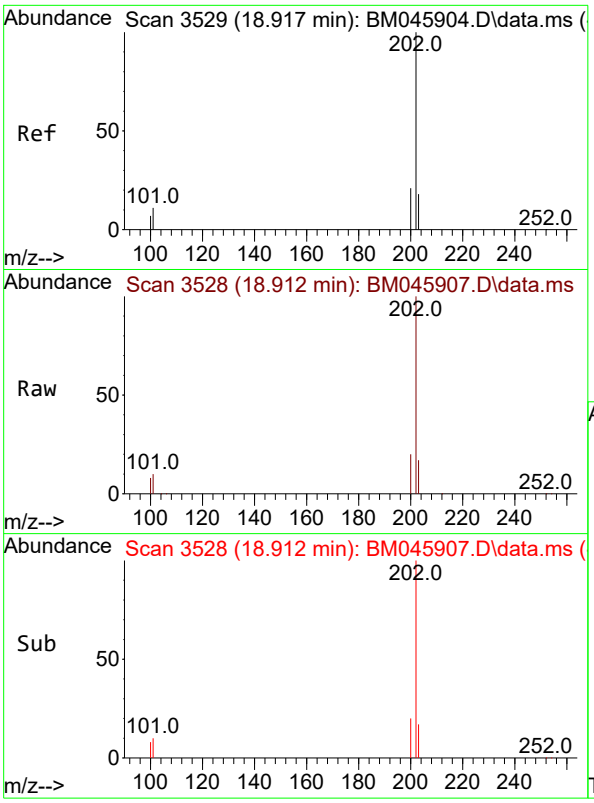




#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:166 Resp: 11833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 79.7 | 119.5 |
| 167 | 15.8 | 11.3 | 16.9 |



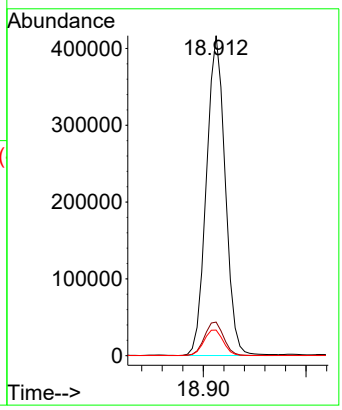


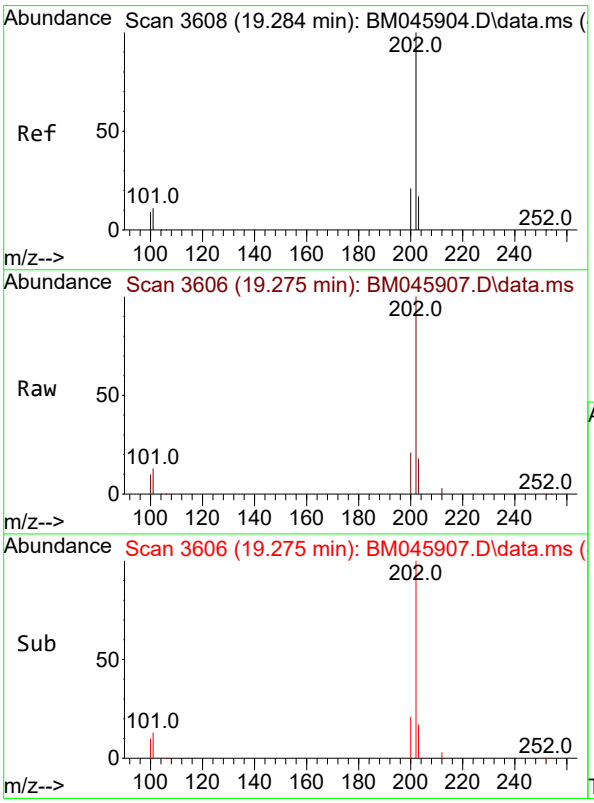

#19
Fluoranthene
Concen: 682.839 ng/ul
RT: 18.912 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:202 Resp: 528237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 9.0 | 13.6 |
| 100 | 8.0 | 7.0 | 10.6 |

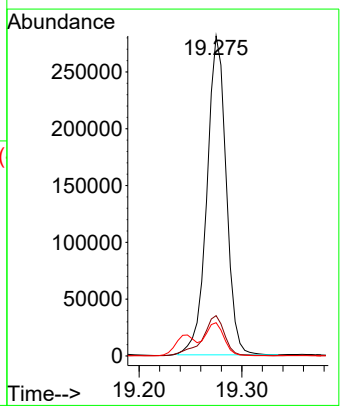


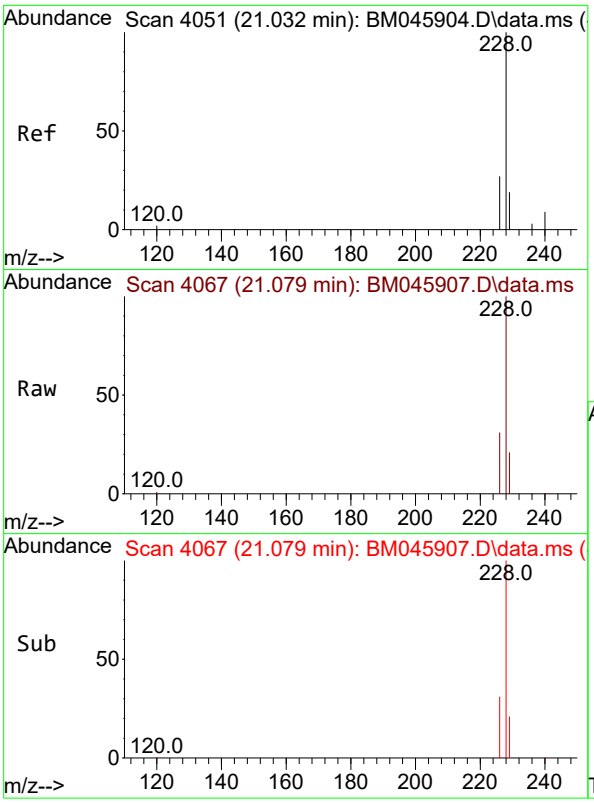




#20
Pyrene
Concen: 452.386 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:202 Resp: 365067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.6 | 10.6 | 16.0 |
| 100 | 10.4 | 9.1 | 13.7 |



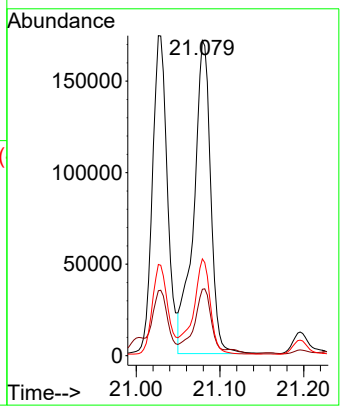


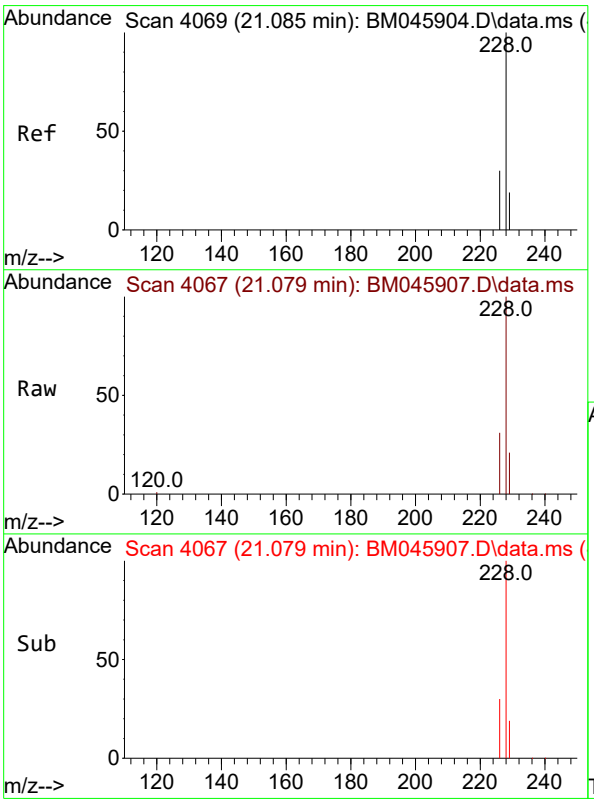

#21
Benzo(a)anthracene
Concen: 337.731 ng/ul
RT: 21.079 min Scan# 4
Delta R.T. 0.044 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:228 Resp: 240499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.1 | 15.7 | 23.5 |
| 226 | 30.7 | 22.0 | 33.0 |

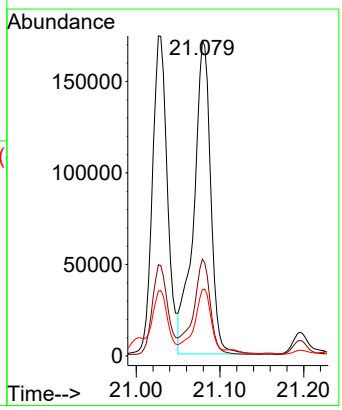


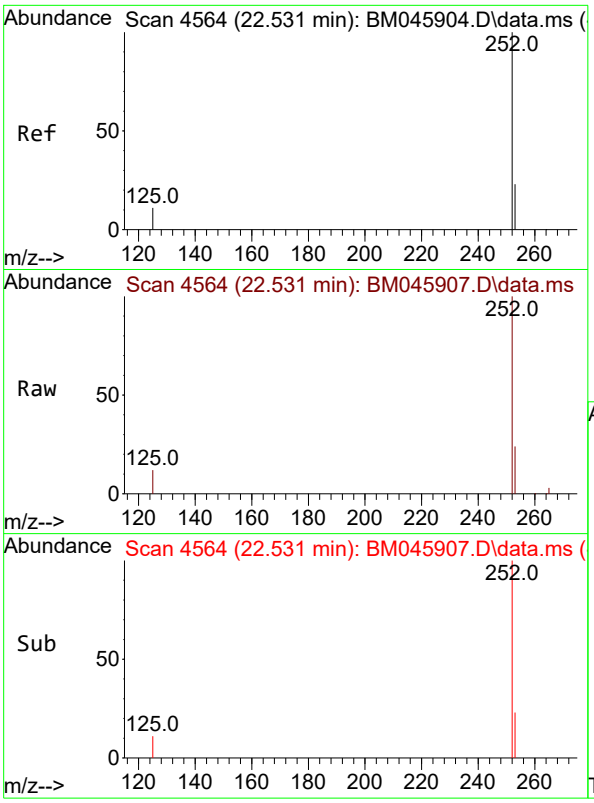




#22
Chrysene
Concen: 310.222 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:228 Resp: 240499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.5 | 36.7 |
| 229 | 21.1 | 16.2 | 24.2 |



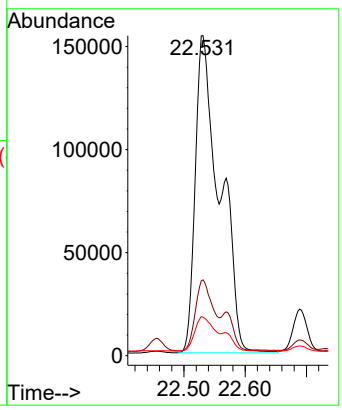


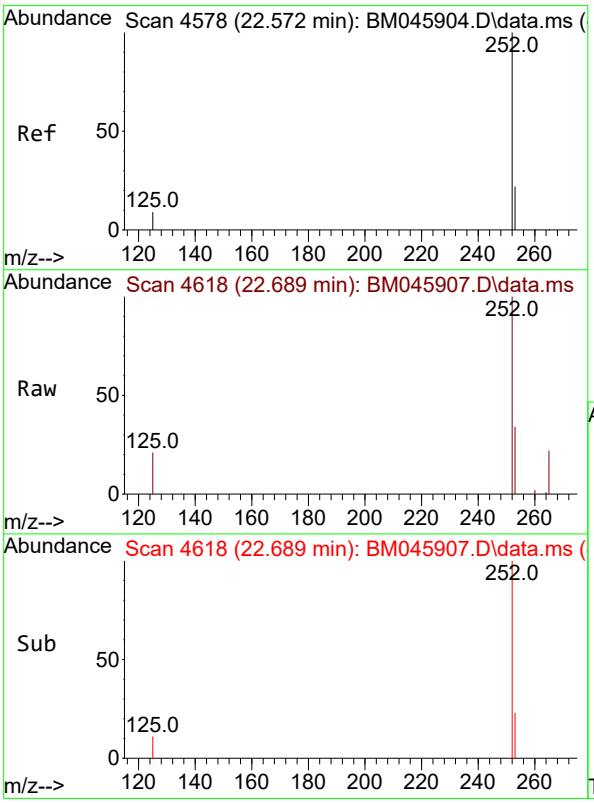

#24
Benzo(b)fluoranthene
Concen: 5.331 ng/ul
RT: 22.531 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:252 Resp: 428997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 0.0 | 63.6 |
| 125 | 12.0 | 0.0 | 35.8 |

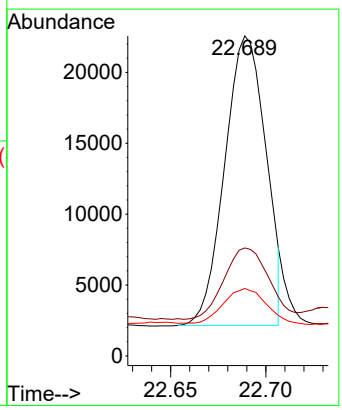


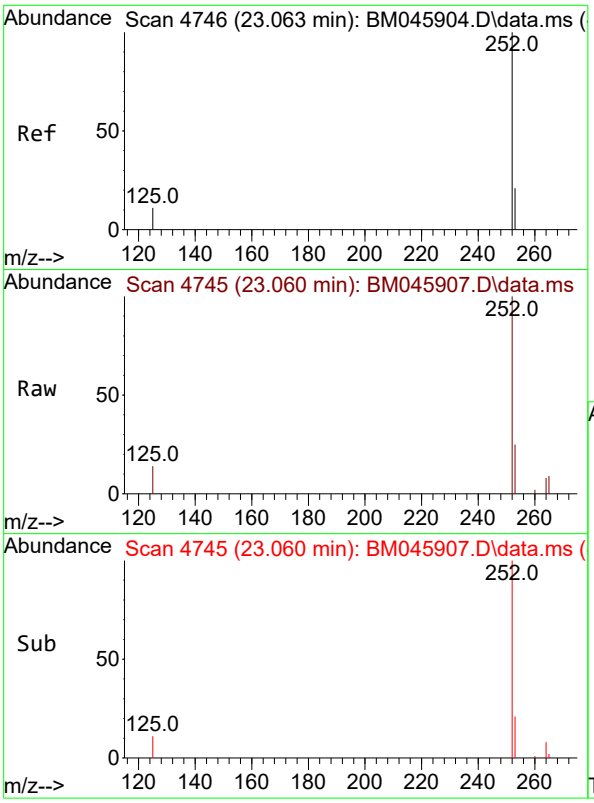




#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. 0.108 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:252 Resp: 30562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 33.8 | 25.0 | 37.6 |
| 125 | 21.1 | 14.2 | 21.2 |



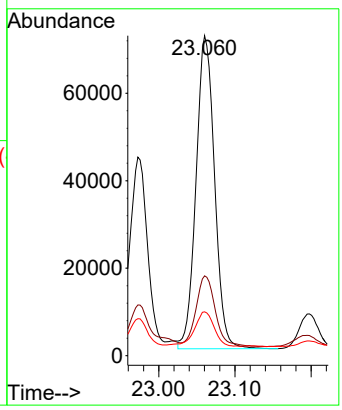


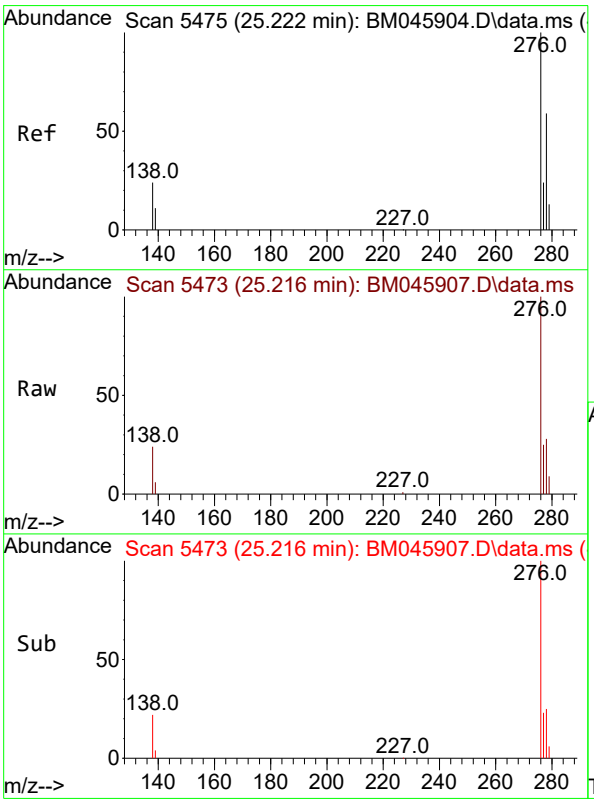

#26
Benzo(a)pyrene
Concen: 1.514 ng/ul
RT: 23.060 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:252 Resp: 121132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.0 | 28.8 | 43.2# |
| 125 | 13.7 | 17.3 | 25.9# |

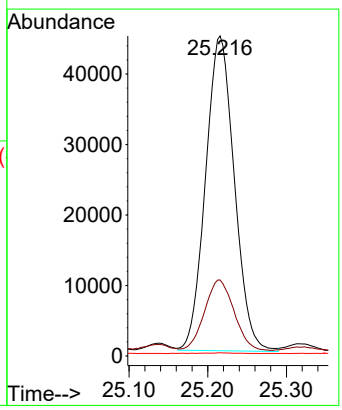


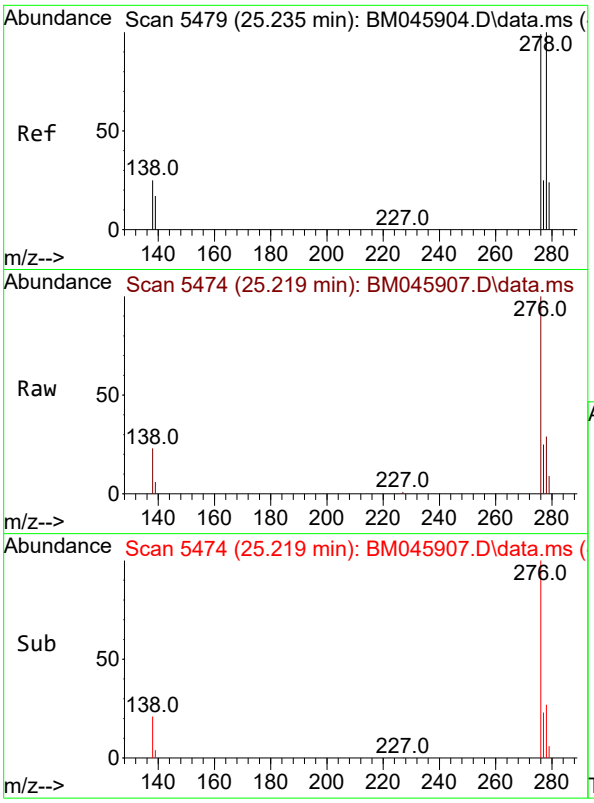




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.098 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.016 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:276 Resp: 113673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.8 | 20.7 | 31.1 |
| 227 | 0.2 | 0.2 | 0.2 |



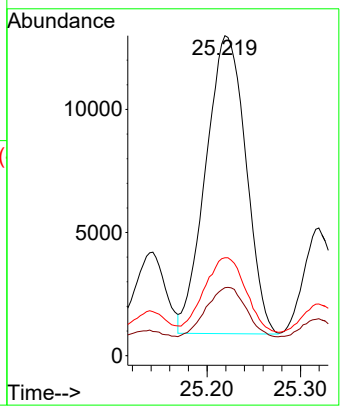


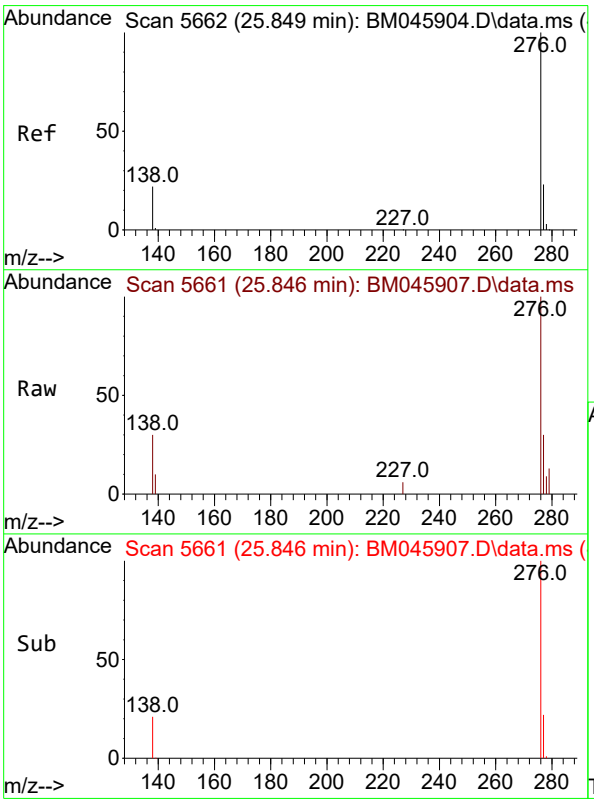

#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 25.219 min Scan# 54
Delta R.T. -0.030 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

**Instrument :**
BNA_M
**ClientSampleId :**
A4BG7

Tgt Ion:278 Resp: 36050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.2 | 16.6 | 25.0 |
| 279 | 30.6 | 24.6 | 37.0 |




#29
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 25.846 min Scan# 5661
Delta R.T. -0.016 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:276 Resp: 17948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.5 | 21.0 | 31.4 |
| 277 | 29.5 | 20.5 | 30.7 |