Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
Data File : BM037513.D
Acq On : 16 Nov 2022 18:54
Operator : CG/JU
Sample : SSTD1.689
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Quant Time: Nov 17 00:34:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:28:35 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.145 | 152 | 6157 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.968 | 136 | 17529 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.765 | 164 | 11803 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.495 | 188 | 26357 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.657 | 240 | 22237 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.157 | 264 | 22660 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.457 | 96 | 10515 | 1.345 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.541 | 152 | 44187 | 1.677 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.508 | 212 | 109904 | 1.580 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.495 | 88 | 10913 | 1.412 | ng/ul# | 58 |
| 5) Naphthalene | 11.018 | 128 | 80098 | 1.577 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.613 | 142 | 55044 | 1.729 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.833 | 142 | 56625 | 1.729 | ng/ul | 100 |
| 10) Acenaphthylene | 14.487 | 152 | 99292 | 1.976 | ng/ul | 99 |
| 11) Acenaphthene | 14.825 | 153 | 69154 | 1.557 | ng/ul | 100 |
| 12) Fluorene | 15.806 | 166 | 83495 | 1.642 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.140 | 266 | 9313 | 1.339 | ng/ul | 99 |
| 15) Phenanthrene | 17.537 | 178 | 135389 | 1.501 | ng/ul | 99 |
| 16) Anthracene | 17.630 | 178 | 133502 | 1.815 | ng/ul | 99 |
| 19) Fluoranthene | 19.540 | 202 | 161897 | 1.537 | ng/ul | 100 |
| 20) Pyrene | 19.898 | 202 | 165743 | 1.502 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.640 | 228 | 148402 | 1.547 | ng/ul | 100 |
| 22) Chrysene | 21.695 | 228 | 147352 | 1.377 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.388 | 252 | 155621 | 1.197 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.440 | 252 | 159253 | 1.279 | ng/ul | 97 |
| 26) Benzo(a)pyrene | 24.043 | 252 | 136681 | 1.257 | ng/ul | 97 |
| 27) Indeno(1,2,3-cd)pyrene | 26.782 | 276 | 181862 | 1.256 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.809 | 278 | 143917 | 1.291 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 27.587 | 276 | 153040 | 1.222 | ng/ul | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Quant Time: Nov 17 00:34:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:28:35 2022
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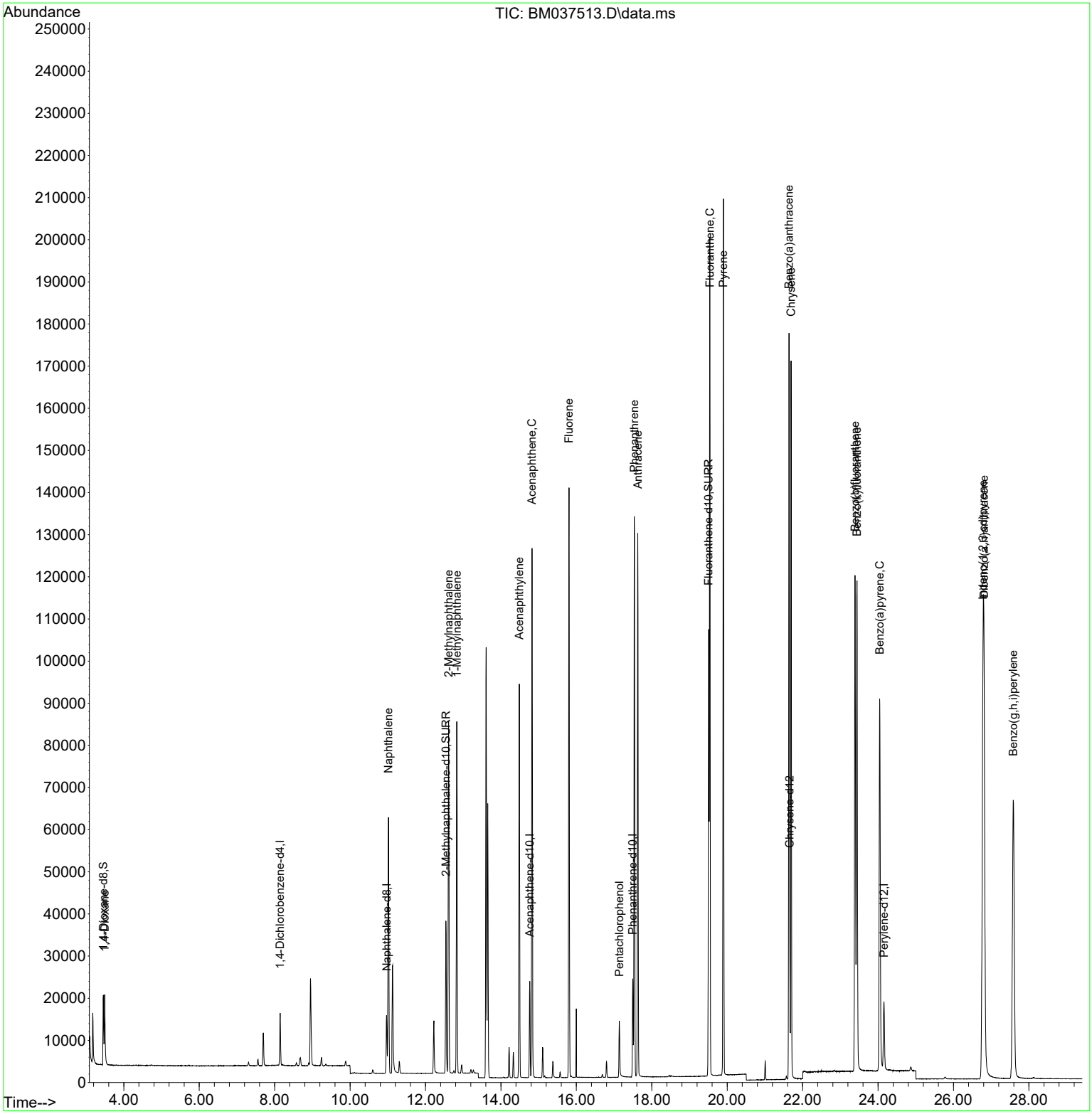
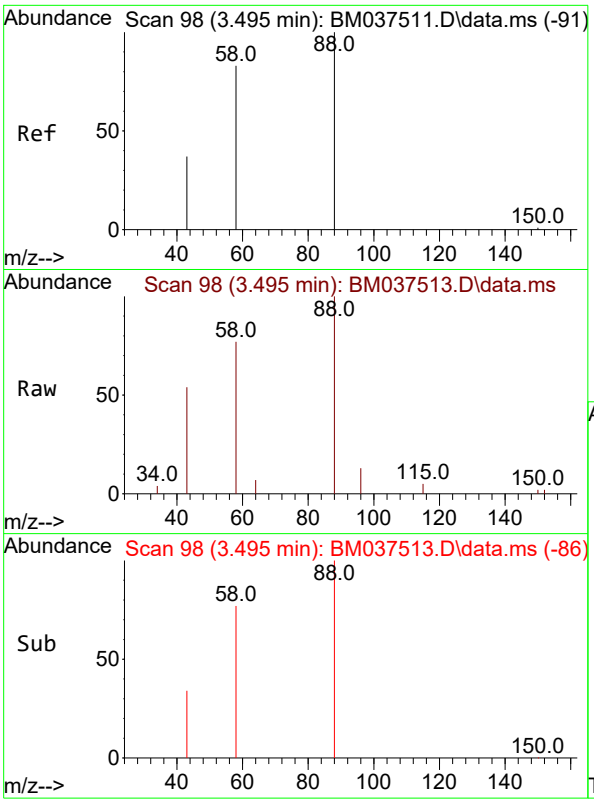


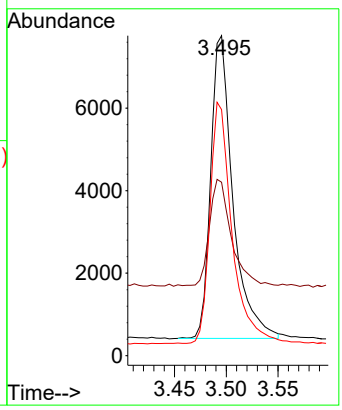


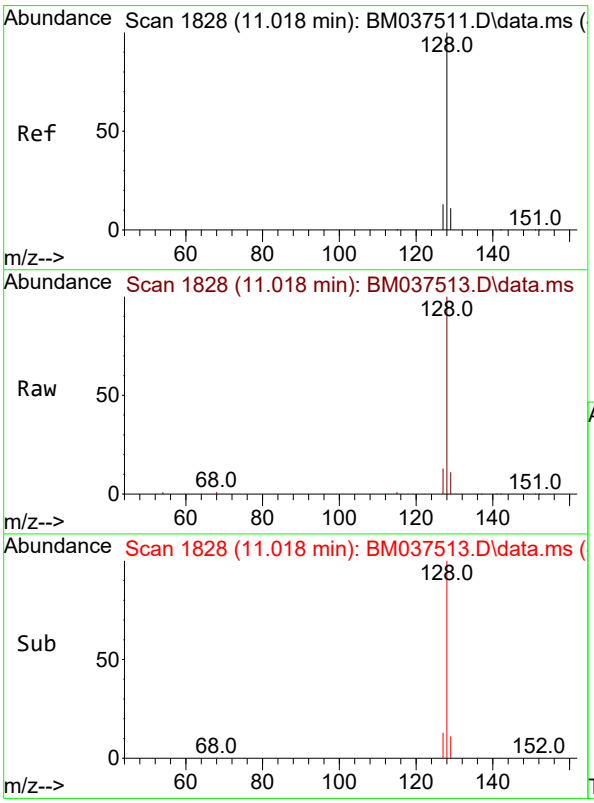

#2
1,4-Dioxane
Concen: 1.412 ng/ul
RT: 3.495 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion: 88 Resp: 10913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 54.2 | 102.8 | 154.2# |
| 58 | 76.9 | 67.3 | 100.9 |

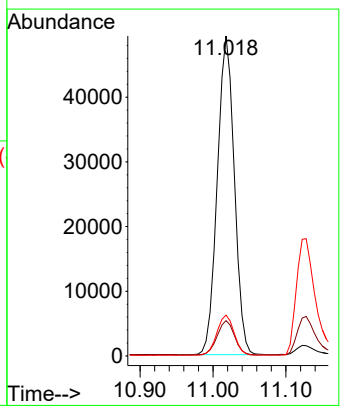


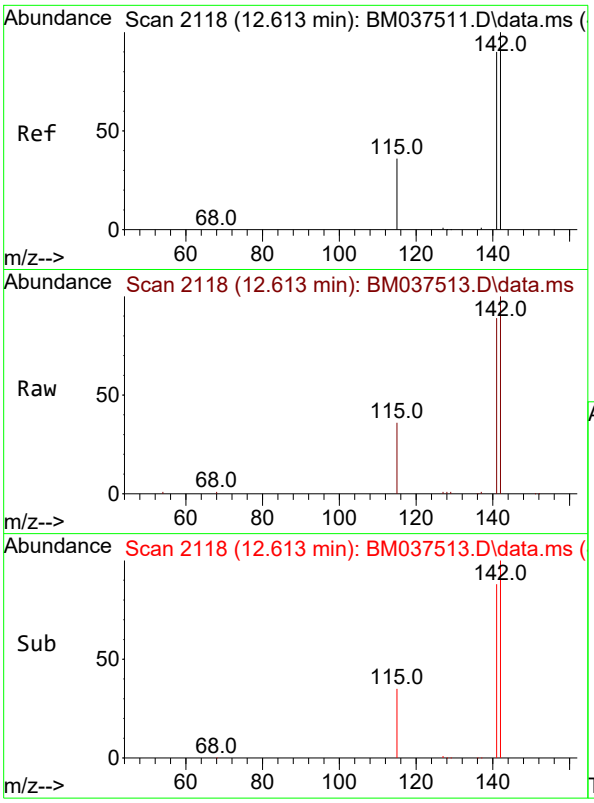




#5
Naphthalene
Concen: 1.577 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:128 Resp: 80098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.8 | 14.8 |
| 127 | 12.8 | 11.0 | 16.4 |



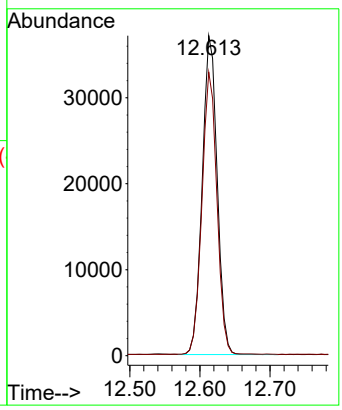


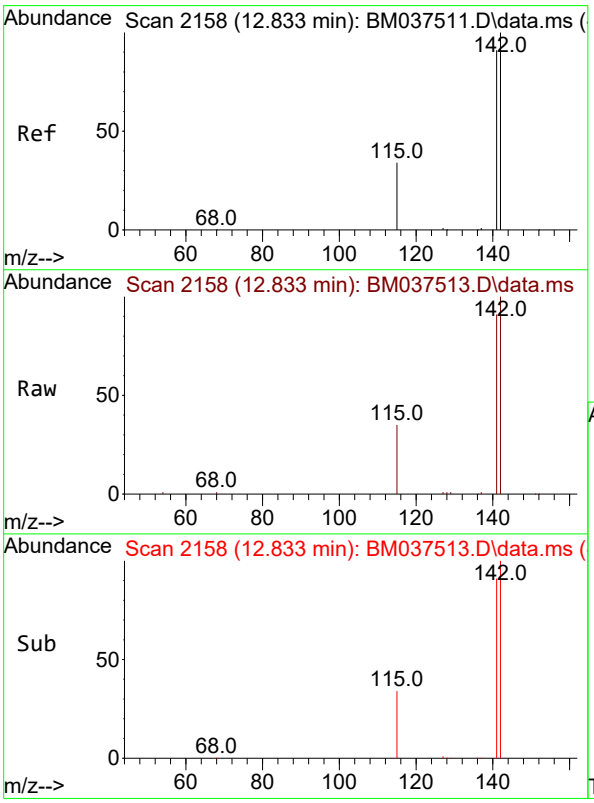

#7
2-Methylnaphthalene
Concen: 1.729 ng/ul
RT: 12.613 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:142 Resp: 55044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.0 | 106.4 |

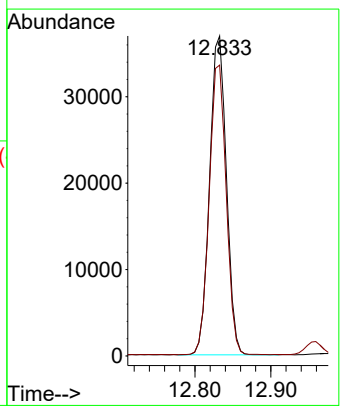


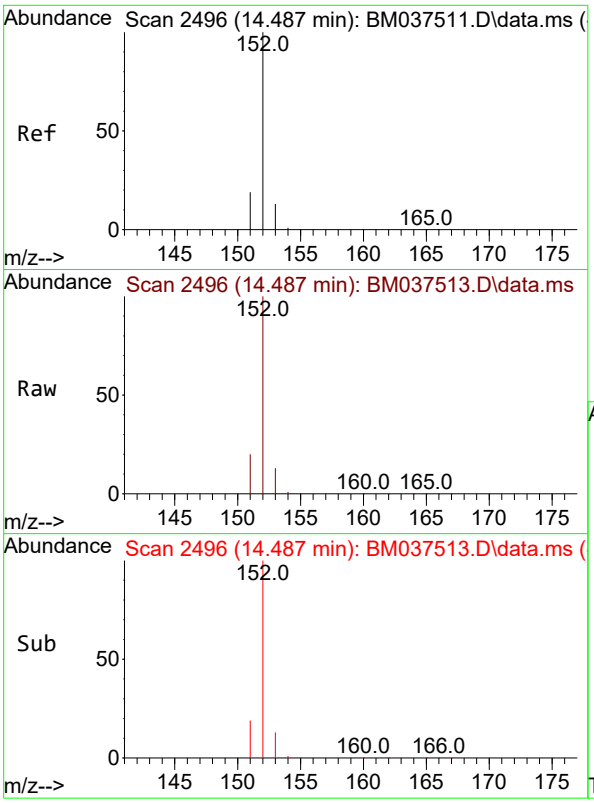




#8
1-Methylnaphthalene
Concen: 1.729 ng/ul
RT: 12.833 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:142 Resp: 56625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.9 | 73.4 | 110.0 |



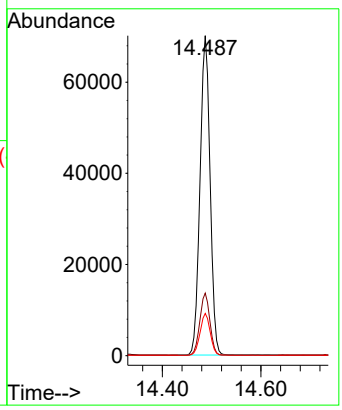


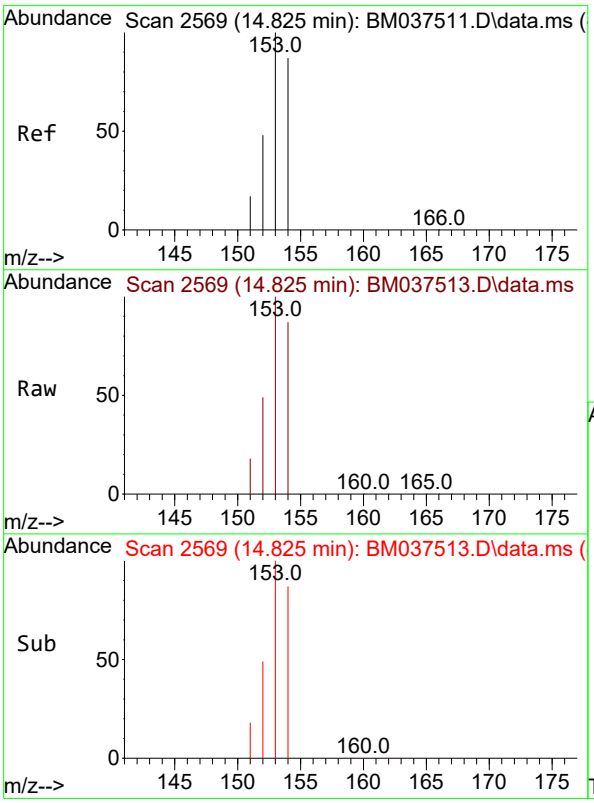

#10
Acenaphthylene
Concen: 1.976 ng/ul
RT: 14.487 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:152 Resp: 99292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.9 | 23.9 |
| 153 | 13.2 | 11.0 | 16.4 |

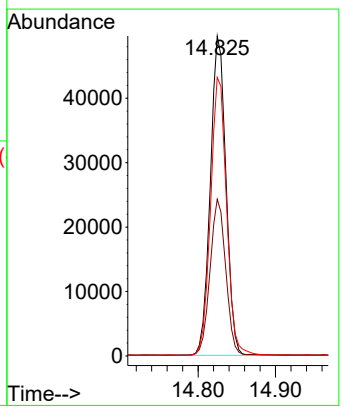


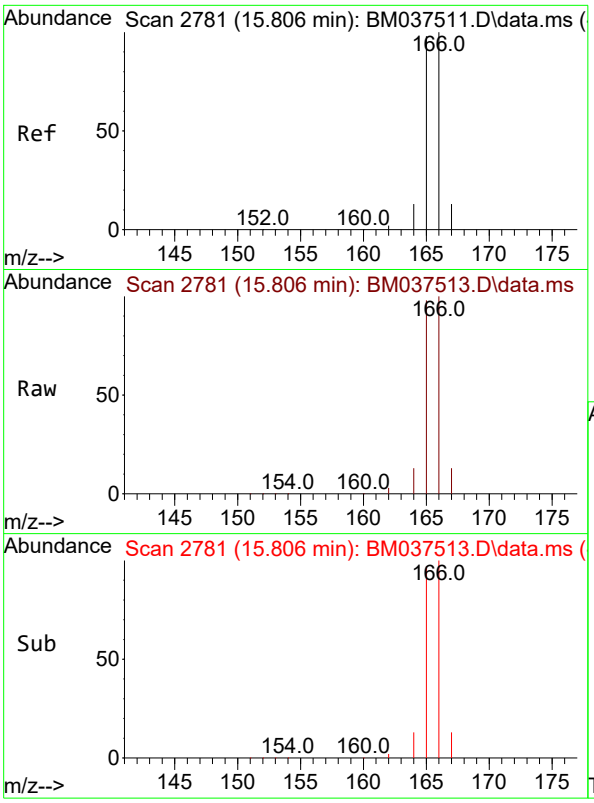




#11
Acenaphthene
Concen: 1.557 ng/ul
RT: 14.825 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:153 Resp: 69154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.0 | 39.4 | 59.0 |
| 154 | 87.1 | 69.5 | 104.3 |



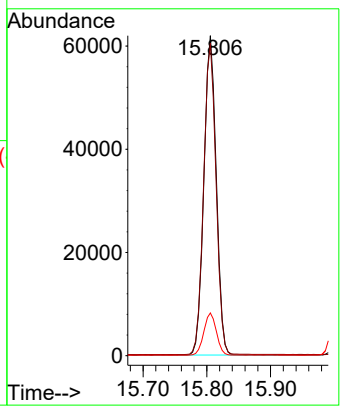


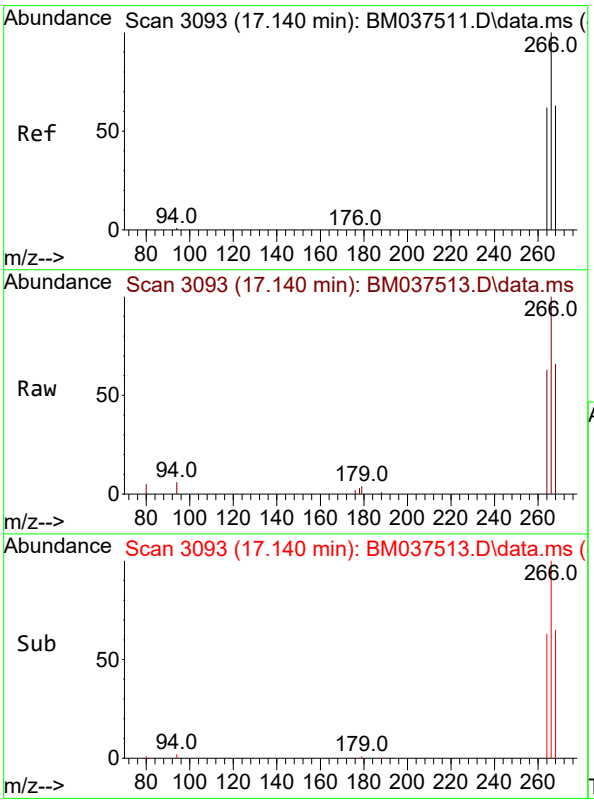

#12
Fluorene
Concen: 1.642 ng/ul
RT: 15.806 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:166 Resp: 83495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 78.7 | 118.1 |
| 167 | 13.4 | 11.3 | 16.9 |

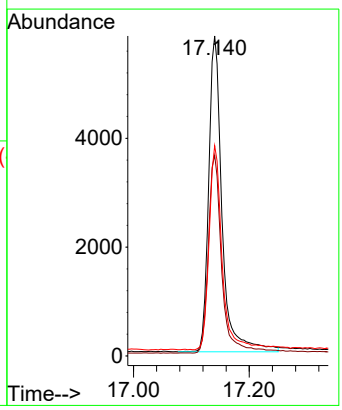


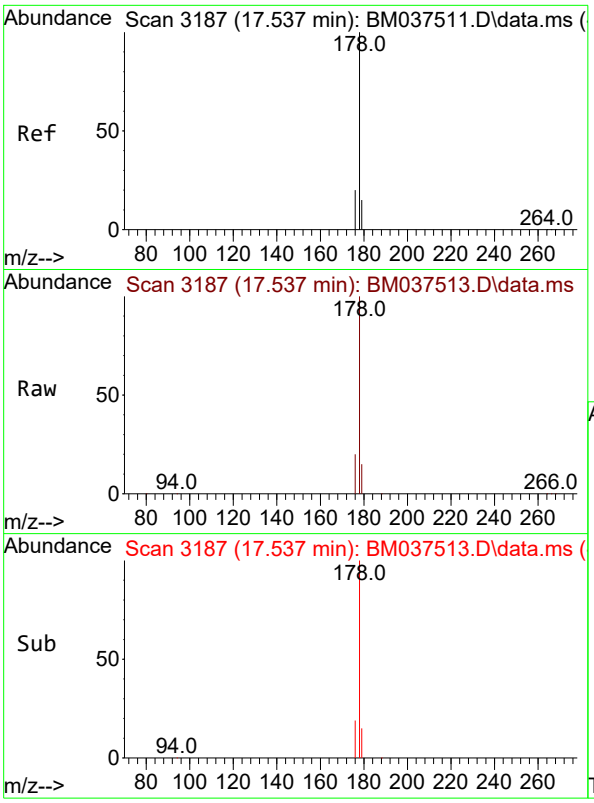




#14
Pentachlorophenol
Concen: 1.339 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:266 Resp: 9313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.7 | 50.2 | 75.2 |
| 268 | 63.8 | 52.0 | 78.0 |



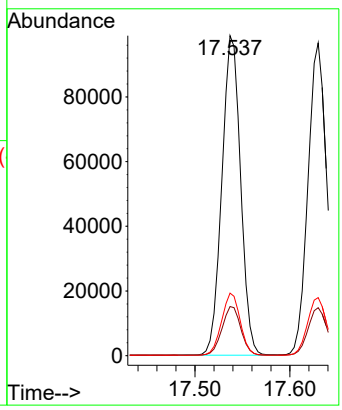


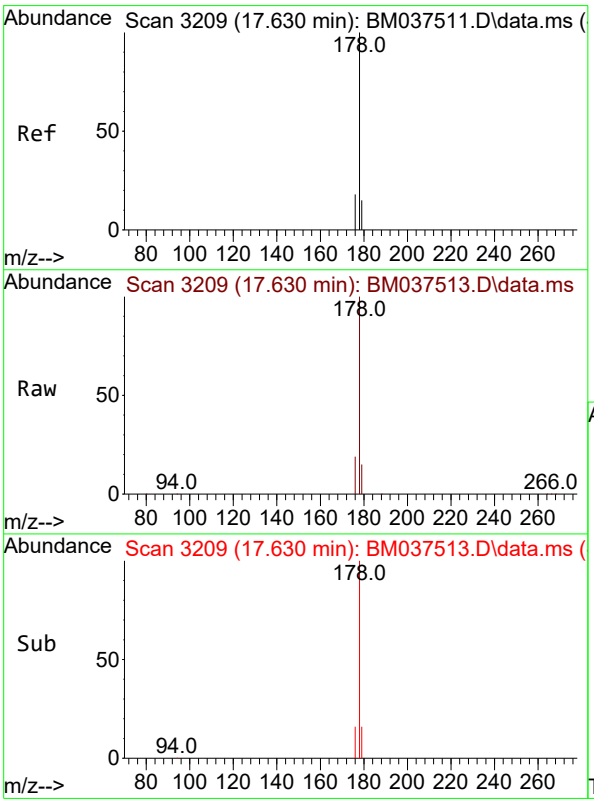

#15
Phenanthrene
Concen: 1.501 ng/ul
RT: 17.537 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:178 Resp: 135389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.4 | 12.6 | 18.8 |
| 176 | 19.6 | 16.0 | 24.0 |

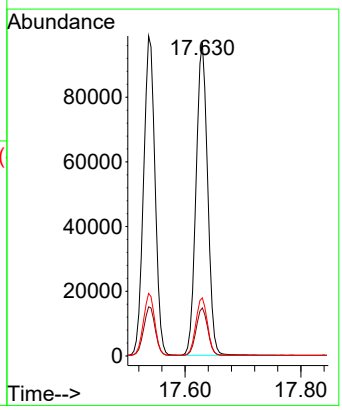


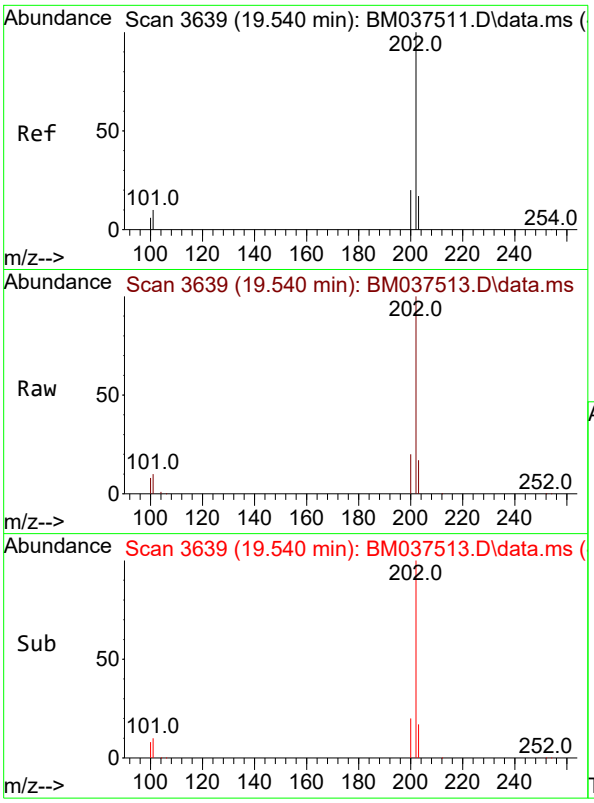




#16
Anthracene
Concen: 1.815 ng/ul
RT: 17.630 min Scan# 3209
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:178 Resp: 133502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.3 | 12.8 | 19.2 |
| 176 | 18.6 | 15.0 | 22.6 |



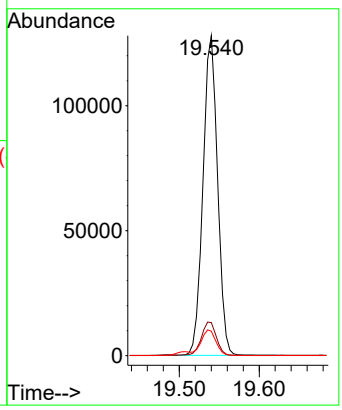


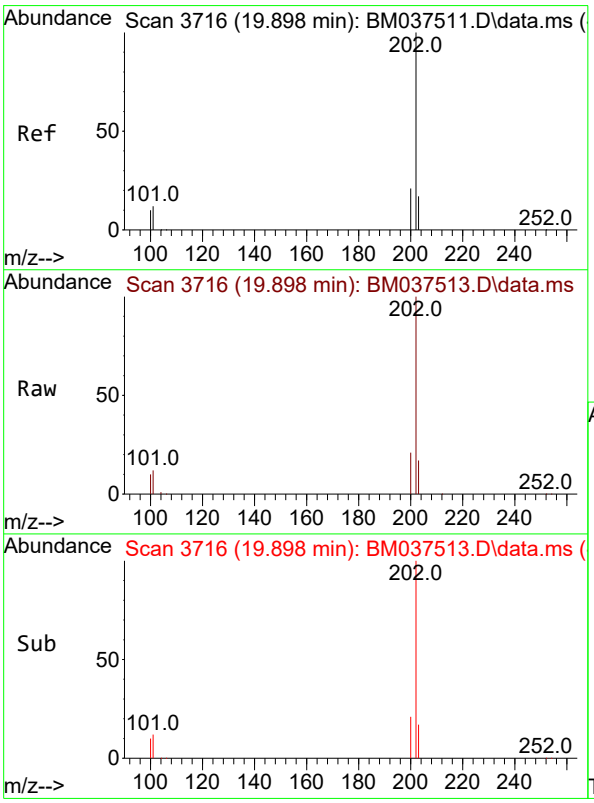

#19
Fluoranthene
Concen: 1.537 ng/ul
RT: 19.540 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:202 Resp: 161897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.3 | 8.2 | 12.2 |
| 100 | 7.7 | 6.1 | 9.1 |

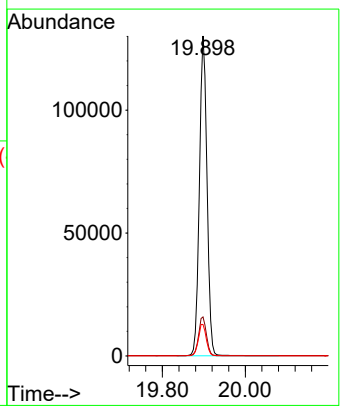


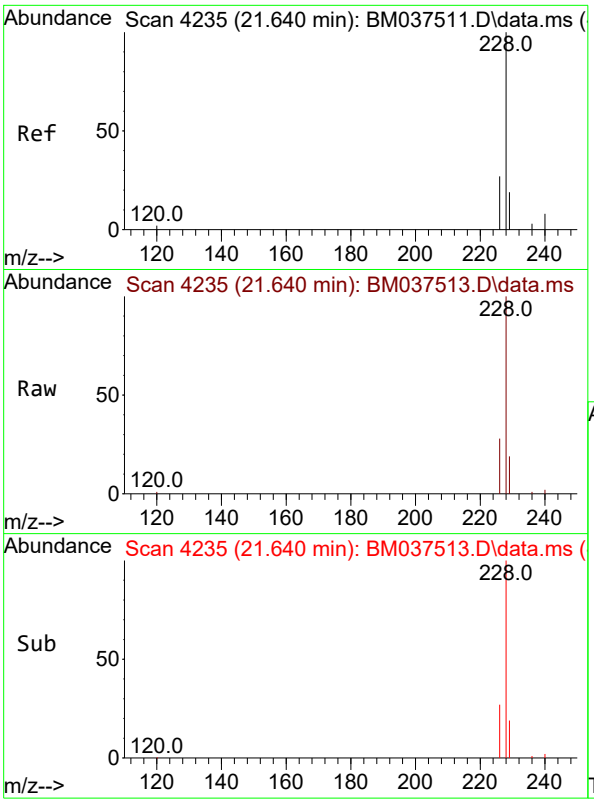




#20
Pyrene
Concen: 1.502 ng/ul
RT: 19.898 min Scan# 3716
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:202 Resp: 165743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.2 | 10.1 | 15.1 |
| 100 | 9.8 | 8.0 | 12.0 |



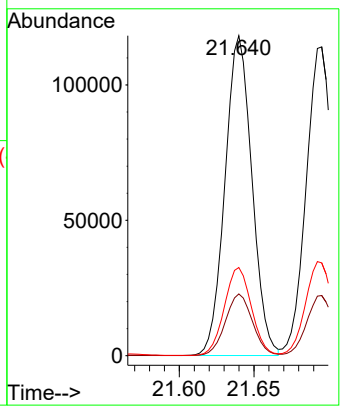


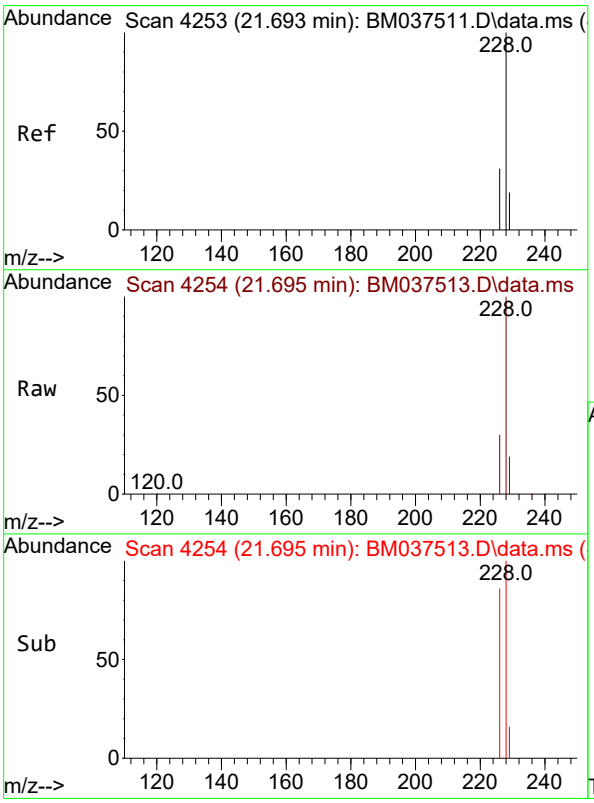

#21
Benzo(a)anthracene
Concen: 1.547 ng/ul
RT: 21.640 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:228 Resp: 148402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.3 | 15.7 | 23.5 |
| 226 | 27.6 | 22.2 | 33.2 |

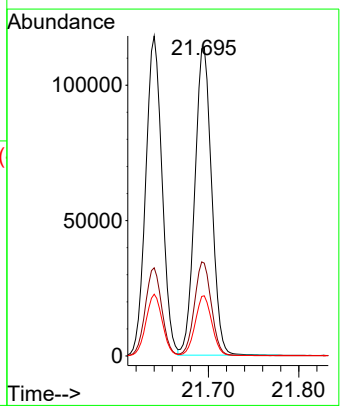


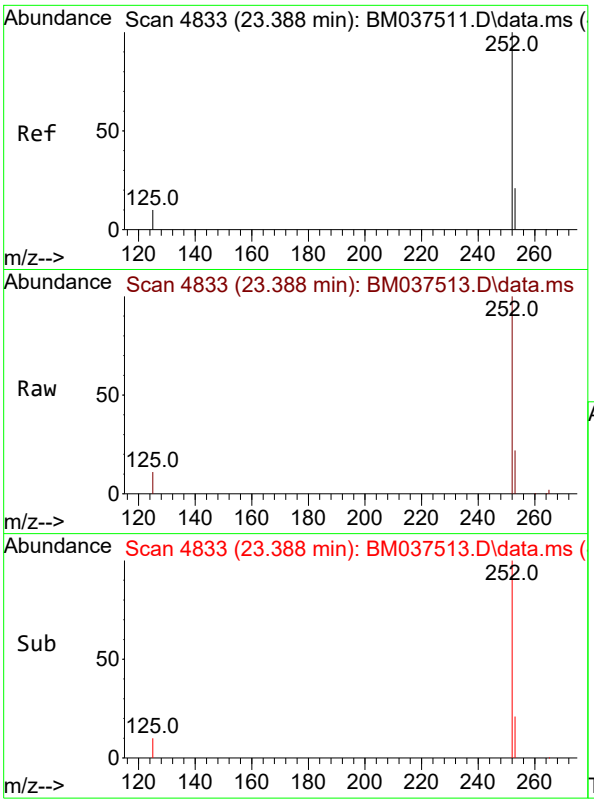




#22
Chrysene
Concen: 1.377 ng/ul
RT: 21.695 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:228 Resp: 147352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.6 | 37.0 |
| 229 | 19.5 | 15.5 | 23.3 |



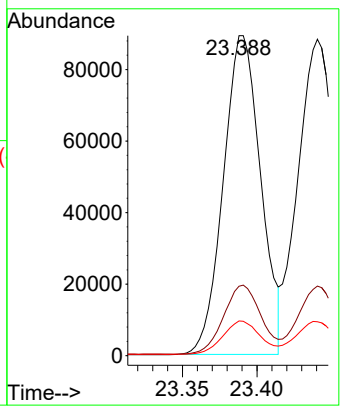


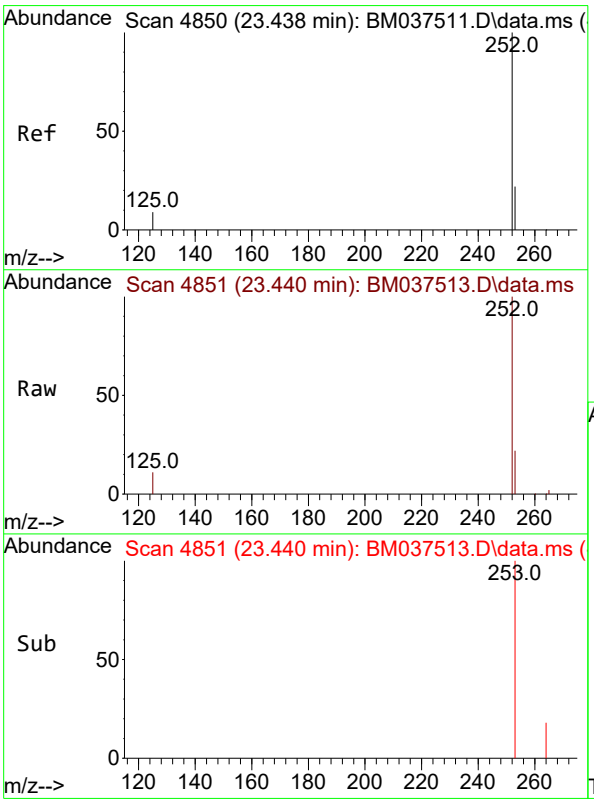

#24
Benzo(b)fluoranthene
Concen: 1.197 ng/ul
RT: 23.388 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:252 Resp: 155621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 0.0 | 46.2 |
| 125 | 10.8 | 0.0 | 23.4 |

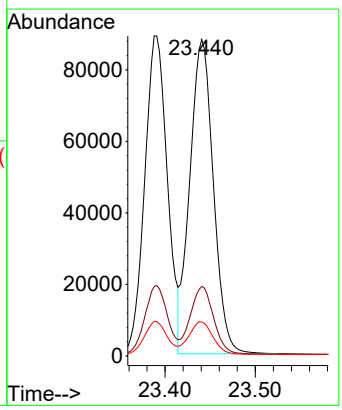


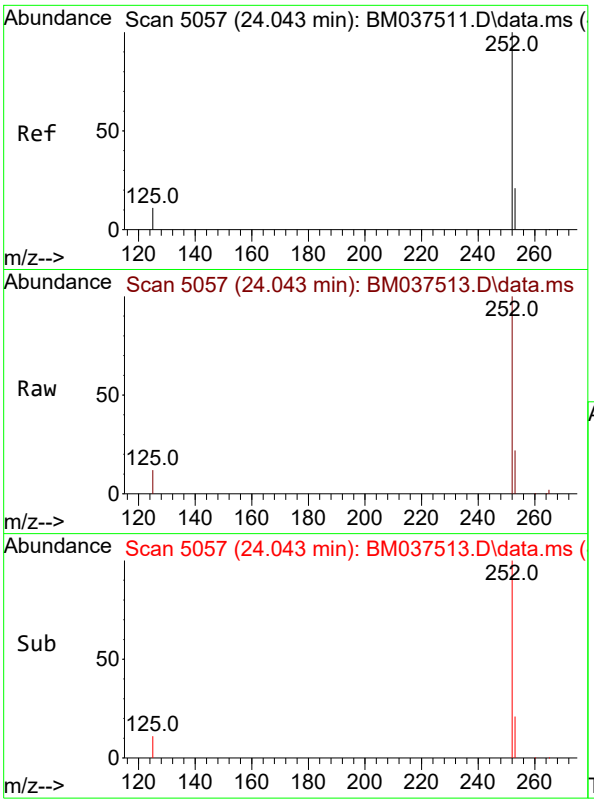




#25
Benzo(k)fluoranthene
Concen: 1.279 ng/ul
RT: 23.440 min Scan# 4851
Delta R.T. 0.003 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:252 Resp: 159253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.8 | 28.2 |
| 125 | 10.7 | 9.8 | 14.6 |



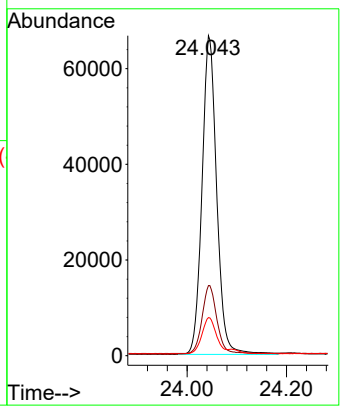


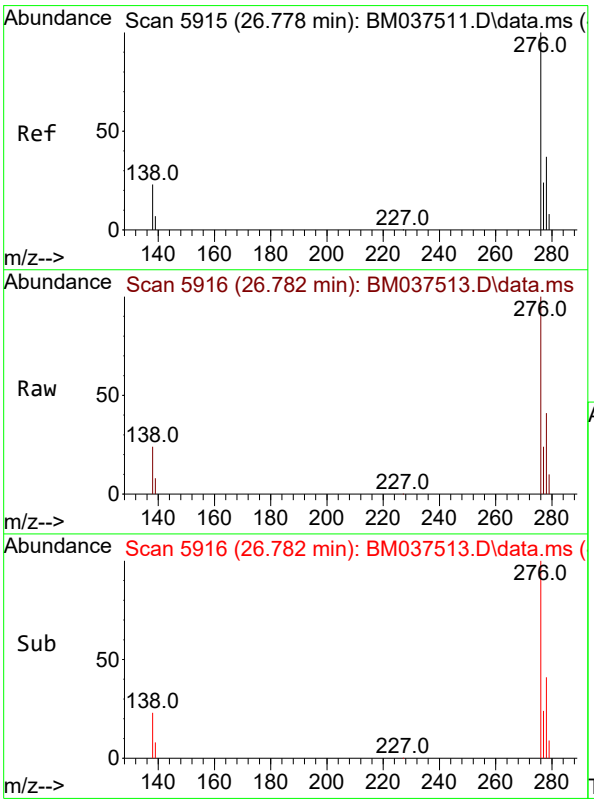

#26
Benzo(a)pyrene
Concen: 1.257 ng/ul
RT: 24.043 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:252 Resp: 136681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.8 | 28.2 |
| 125 | 11.9 | 10.5 | 15.7 |

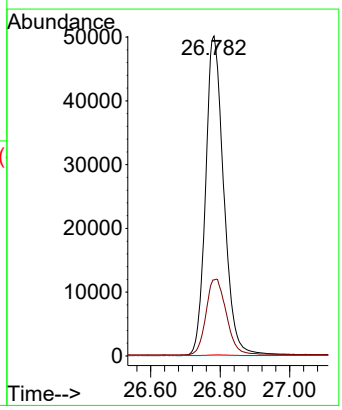


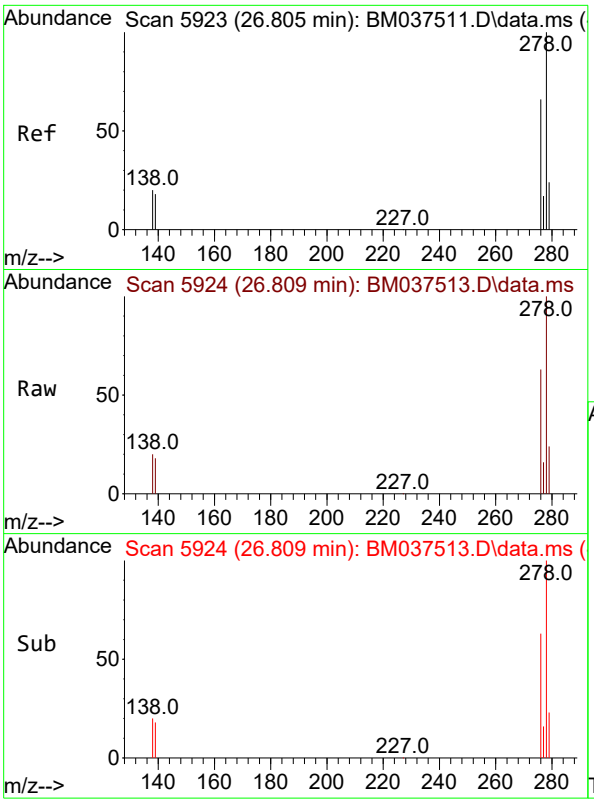




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.256 ng/ul
RT: 26.782 min Scan# 5916
Delta R.T. 0.004 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:276 Resp: 181862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.5 | 21.2 | 31.8 |
| 227 | 0.2 | 0.1 | 0.1# |



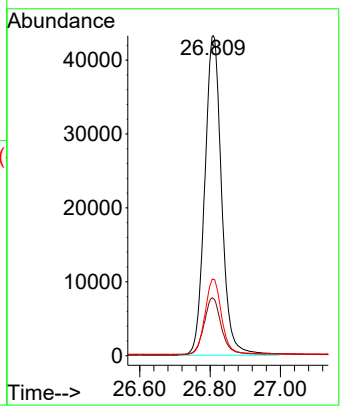


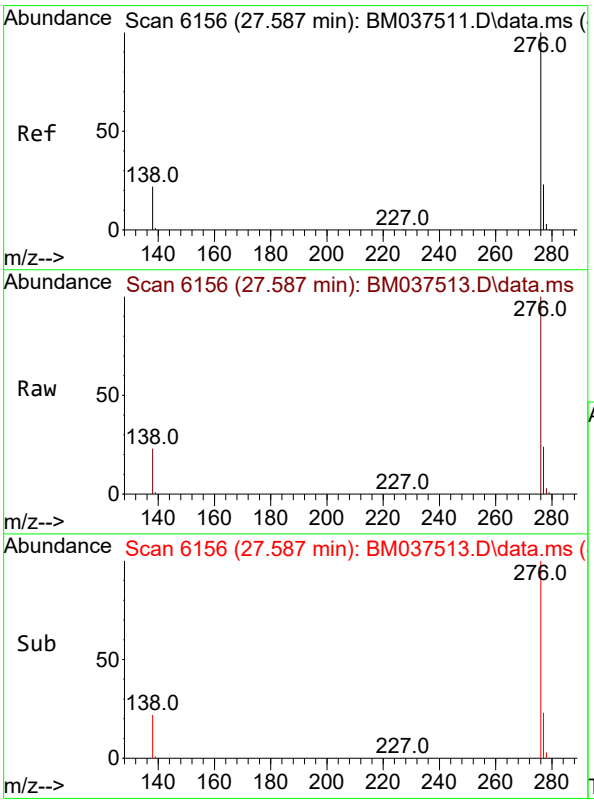

#28
Dibenzo(a,h)anthracene
Concen: 1.291 ng/ul
RT: 26.809 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6047

Tgt Ion:278 Resp: 143917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.9 | 15.2 | 22.8 |
| 279 | 23.8 | 20.2 | 30.2 |




#29
Benzo(g,h,i)perylene
Concen: 1.222 ng/ul
RT: 27.587 min Scan# 6156
Delta R.T. 0.000 min
Lab File: BM037513.D
Acq: 16 Nov 2022 18:54

Tgt Ion:276 Resp: 153040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.8 | 19.0 | 28.4 |
| 277 | 23.6 | 19.4 | 29.2 |