Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Quant Time: Jan 23 22:08:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

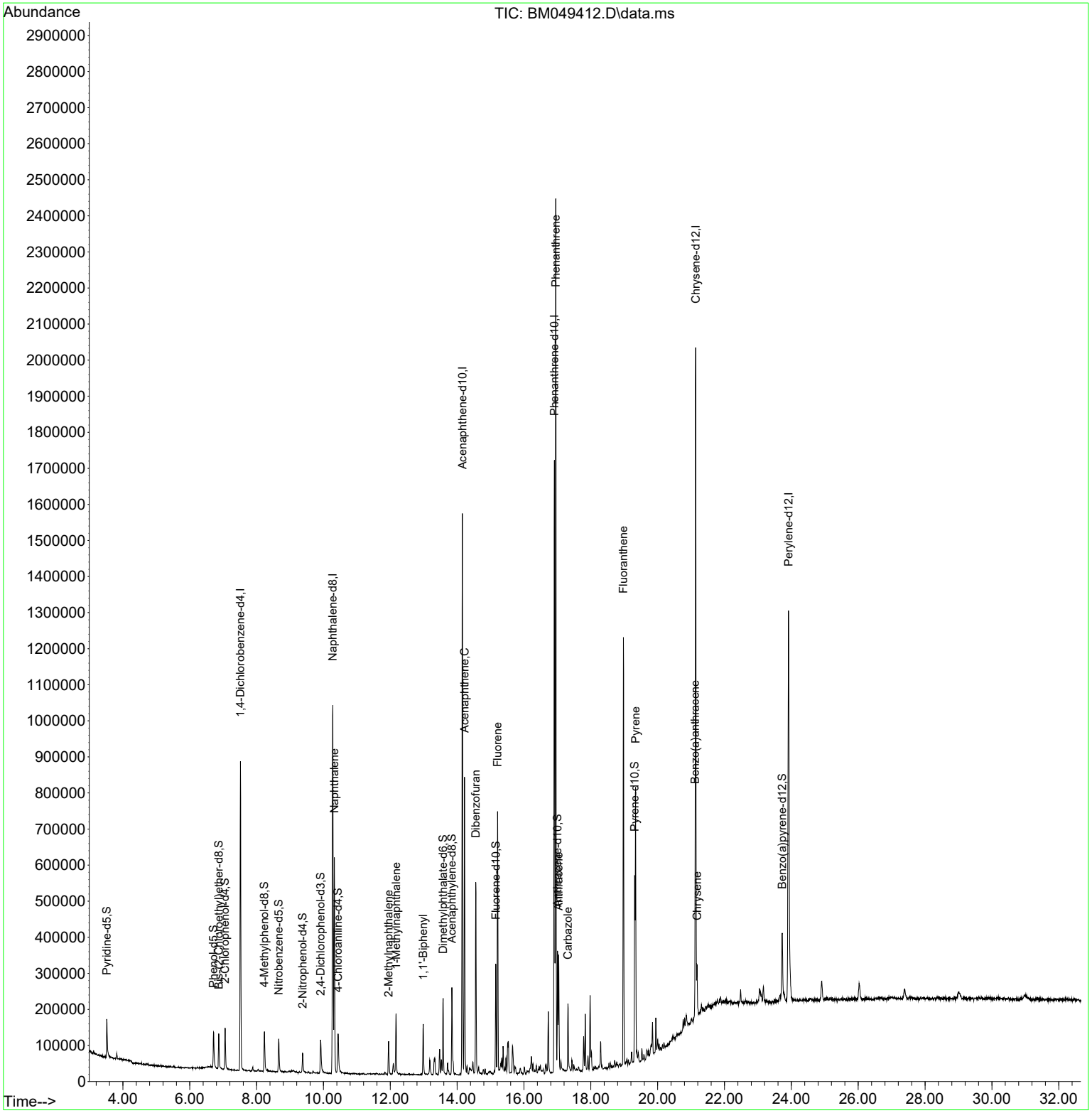
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.516 | 152 | 238227 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.281 | 136 | 845252 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.157 | 164 | 516915 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.910 | 188 | 1002039 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.139 | 240 | 941443 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.915 | 264 | 966006 | 20.000 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.122 | 96 | 4978 | 0.865 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.517 | 84 | 59398 | 3.241 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.710 | 99 | 64809 | 3.241 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.869 | 67 | 46843 | 3.518 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.058 | 132 | 53693 | 3.510 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.234 | 113 | 45158 | 2.912 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.663 | 128 | 22114 | 3.431 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.375 | 143 | 19820 | 2.751 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.916 | 165 | 43799 | 2.979 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.434 | 131 | 50287 | 2.599 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.581 | 166 | 150290 | 3.906 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.845 | 160 | 153063 | 3.485 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.416 | 143 | 3578 | 0.562 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.157 | 176 | 117756 | 3.543 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.292 | 200 | 3196 | 0.500 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.004 | 188 | 186397 | 3.763 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.310 | 212 | 199772 | 3.487 | ng/ul | -0.01 |
| 92) Benzo(a)pyrene-d12 | 23.727 | 264 | 168490 | 3.249 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.328 | 128 | 458908 | 10.230 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 11.951 | 142 | 47817 | 1.490 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.175 | 142 | 81310 | 2.546 | ng/ul | 94 |
| 43) 1,1'-Biphenyl | 12.987 | 154 | 78658 | 2.078 | ng/ul# | 97 |
| 52) Acenaphthene | 14.222 | 153 | 312804 | 9.723 | ng/ul | 99 |
| 56) Dibenzofuran | 14.557 | 168 | 357109 | 7.817 | ng/ul | 100 |
| 61) Fluorene | 15.210 | 166 | 332758 | 8.915 | ng/ul | 98 |
| 72) Phenanthrene | 16.951 | 178 | 1410469 | 25.319 | ng/ul | 99 |
| 74) Anthracene | 17.039 | 178 | 202945 | 3.629 | ng/ul | 99 |
| 77) Carbazole | 17.316 | 167 | 123830 | 2.496 | ng/ul | 99 |
| 80) Fluoranthene | 18.974 | 202 | 722684 | 10.977 | ng/ul | 99 |
| 82) Pyrene | 19.339 | 202 | 467682 | 6.673 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.121 | 228 | 92974 | 1.417 | ng/ul | 98 |
| 87) Chrysene | 21.180 | 228 | 86236 | 1.440 | ng/ul | 99 |

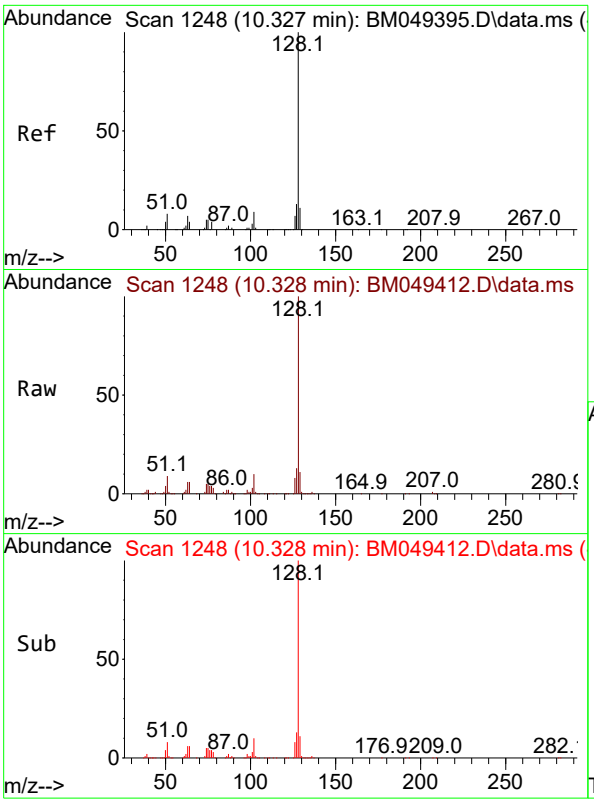
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049412.D
Acq On : 23 Jan 2025 10:20
Operator : RC/JU
Sample : Q1139-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Quant Time: Jan 23 22:08:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration



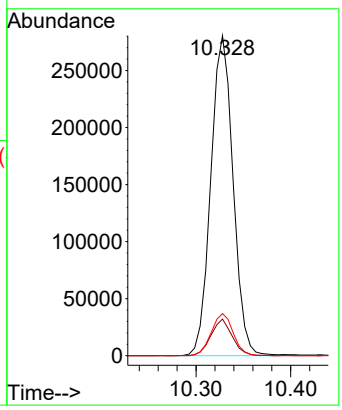


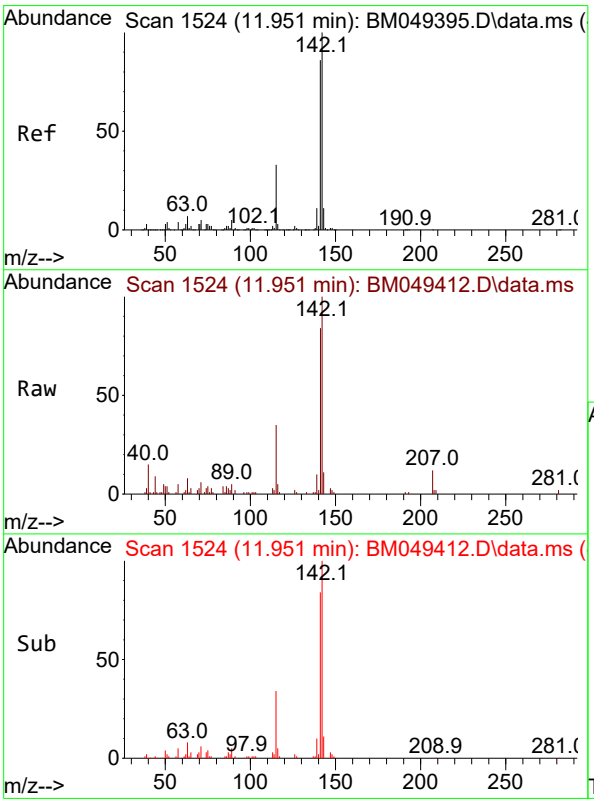

#30
Naphthalene
Concen: 10.230 ng/ul
RT: 10.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Tgt Ion:128 Resp: 458908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 8.5 | 12.7 |
| 127 | 13.1 | 10.2 | 15.2 |

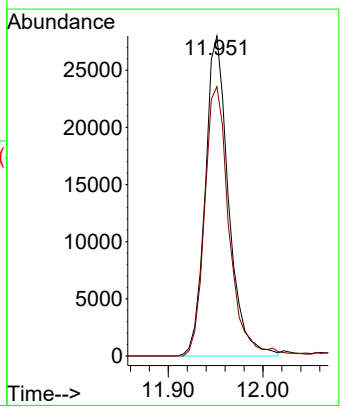


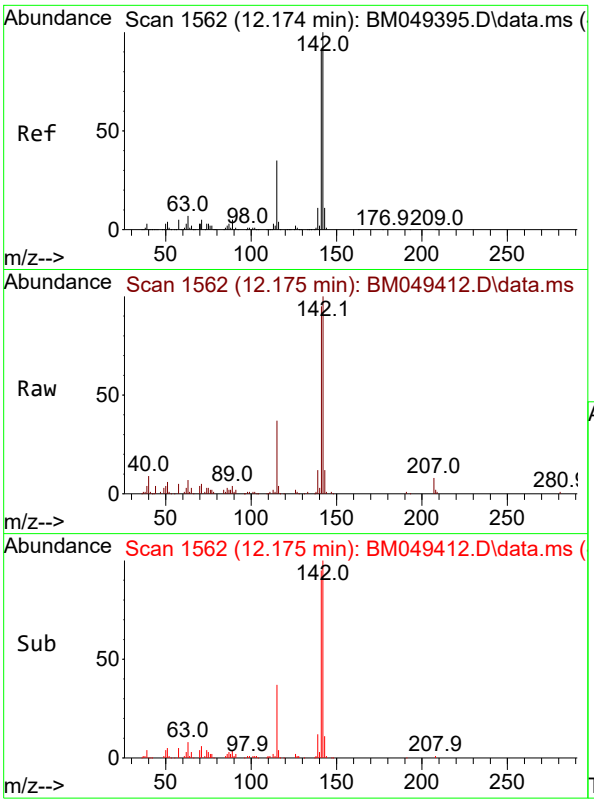




#36
2-Methylnaphthalene
Concen: 1.490 ng/ul
RT: 11.951 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:142 Resp: 47817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 84.1 | 69.6 | 104.4 |



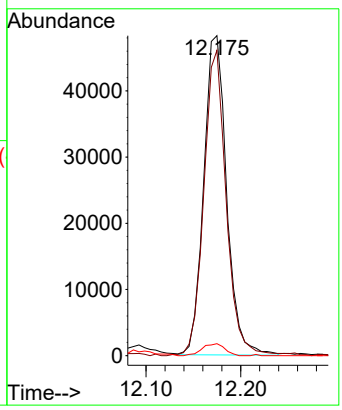


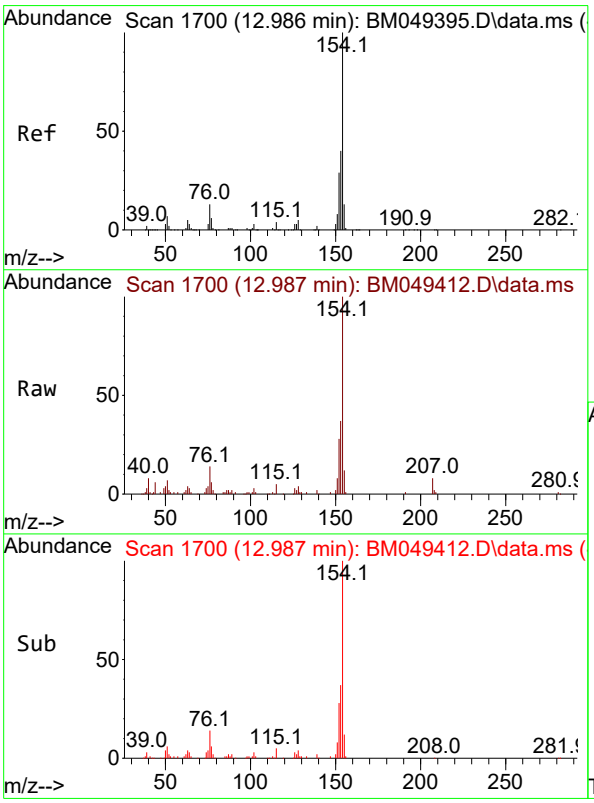

#37
1-Methylnaphthalene
Concen: 2.546 ng/ul
RT: 12.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Tgt Ion:142 Resp: 81310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.4 | 71.9 | 107.9 |
| 116 | 3.7 | 2.8 | 4.2 |

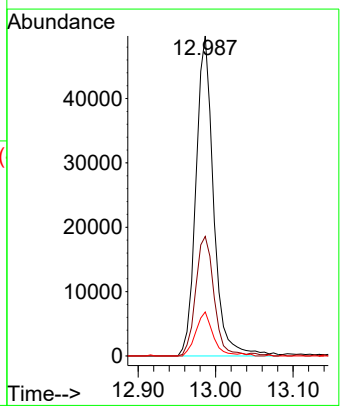


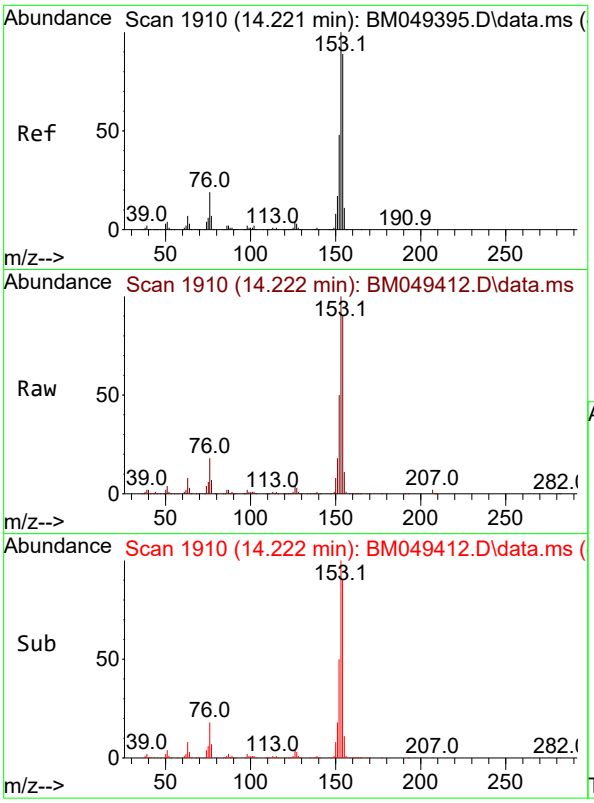




#43
1,1'-Biphenyl
Concen: 2.078 ng/ul
RT: 12.987 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:154 Resp: 78658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 37.3 | 31.0 | 46.4 |
| 76 | 13.8 | 9.1 | 13.7# |



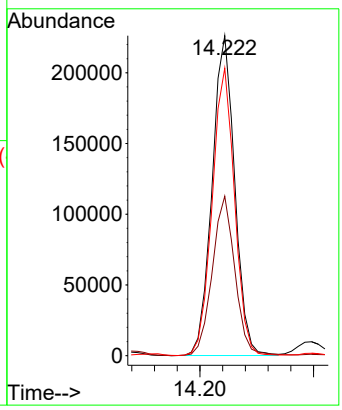


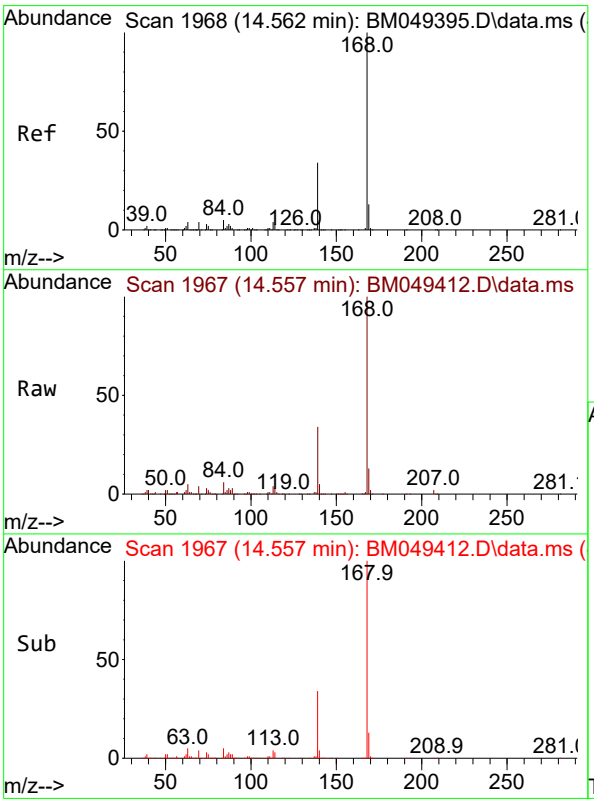

#52
Acenaphthene
Concen: 9.723 ng/ul
RT: 14.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Tgt Ion:153 Resp: 312804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 49.8 | 39.0 | 58.6 |
| 154 | 89.9 | 71.6 | 107.4 |

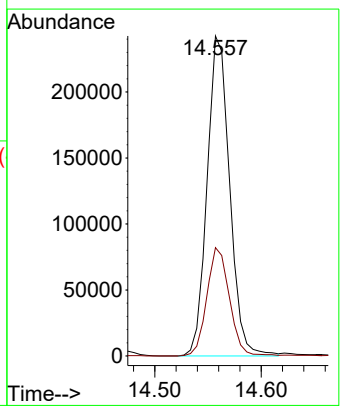


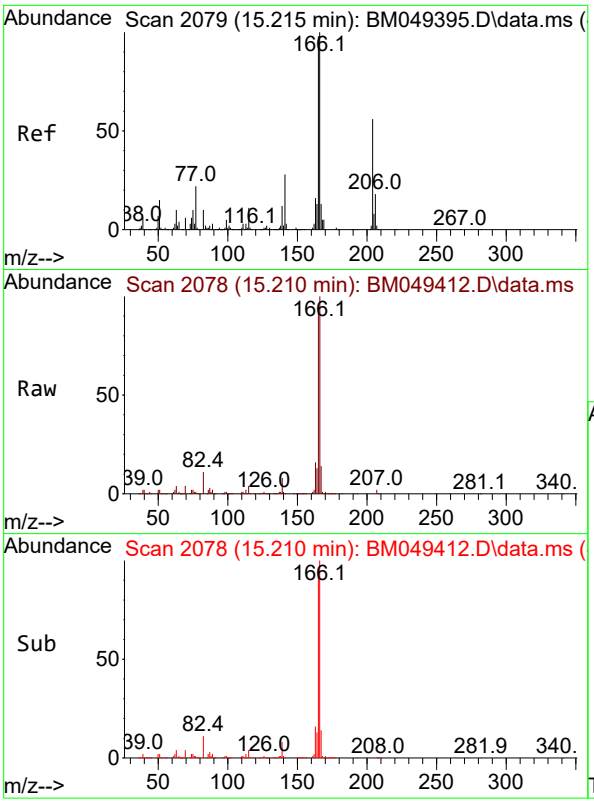




#56
Dibenzofuran
Concen: 7.817 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.011 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:168 Resp: 357109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 33.8 | 27.0 | 40.4 |



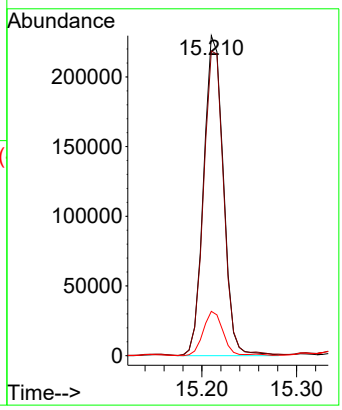


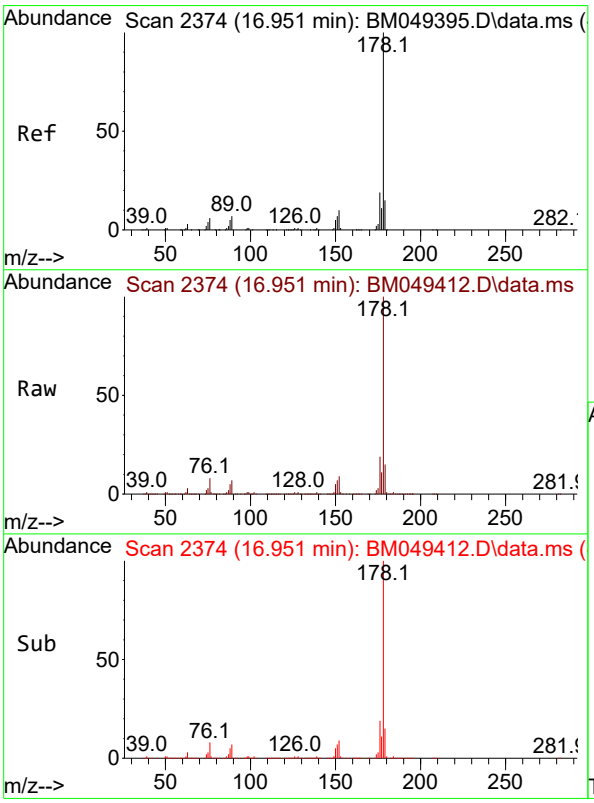

#61
Fluorene
Concen: 8.915 ng/ul
RT: 15.210 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Tgt Ion:166 Resp: 332758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.2 | 77.7 | 116.5 |
| 167 | 13.9 | 10.7 | 16.1 |

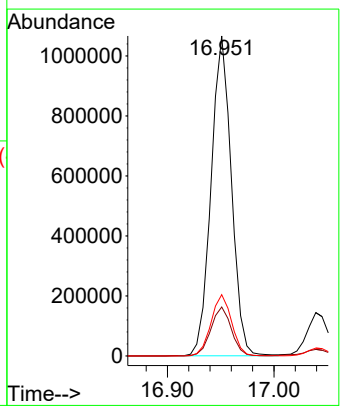


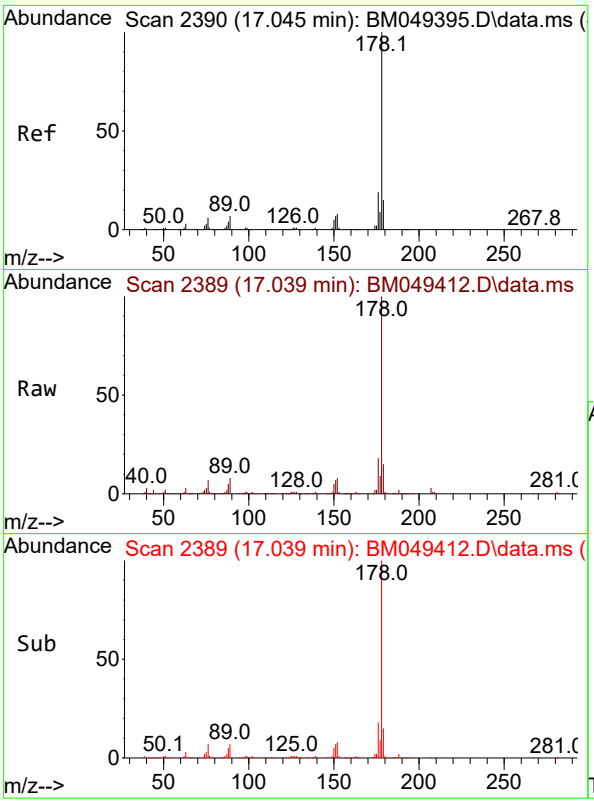




#72
Phenanthrene
Concen: 25.319 ng/ul
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:178 Resp: 1410469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.3 | 12.6 | 19.0 |
| 176 | 19.2 | 15.4 | 23.2 |



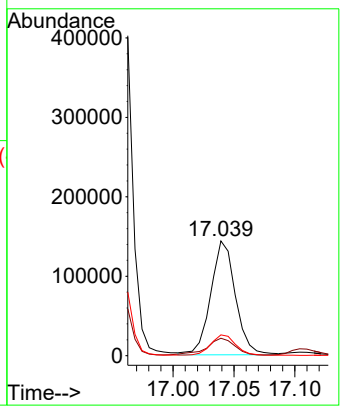


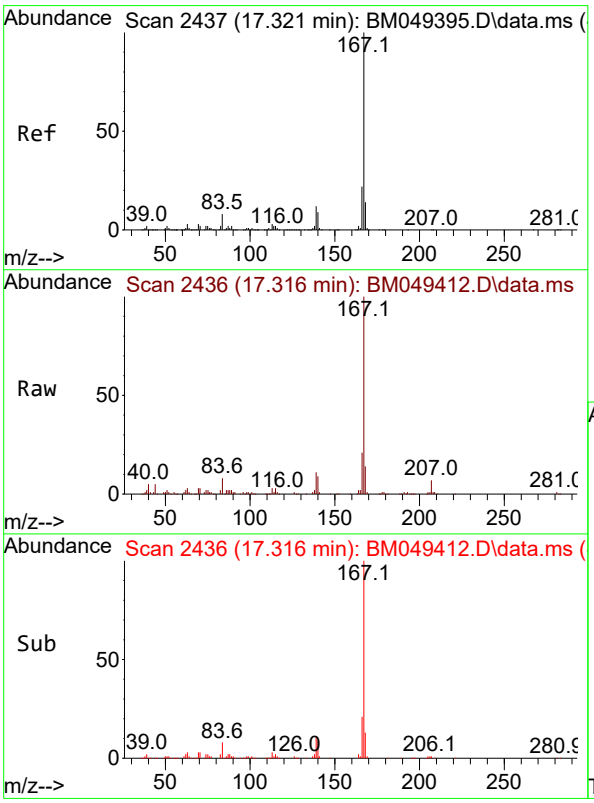

#74
Anthracene
Concen: 3.629 ng/ul
RT: 17.039 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Tgt Ion:178 Resp: 202945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 12.5 | 18.7 |
| 176 | 18.1 | 15.1 | 22.7 |

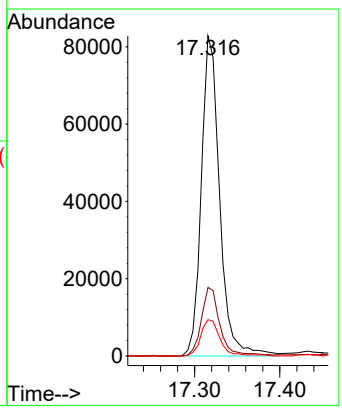


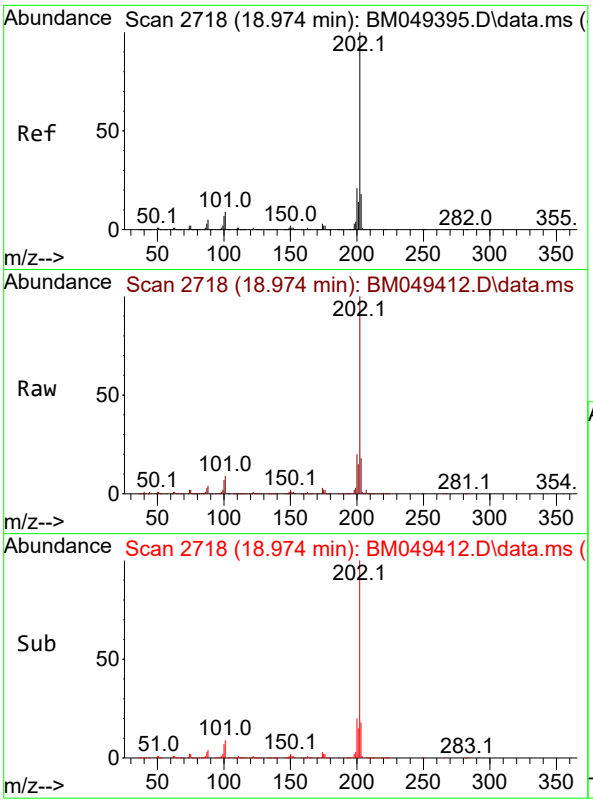




#77
Carbazole
Concen: 2.496 ng/ul
RT: 17.316 min Scan# 2436
Delta R.T. -0.011 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:167 Resp: 123830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 16.7 | 25.1 |
| 139 | 11.3 | 9.5 | 14.3 |



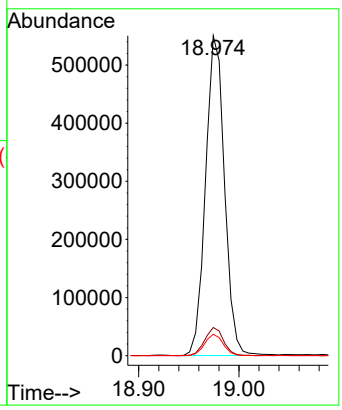


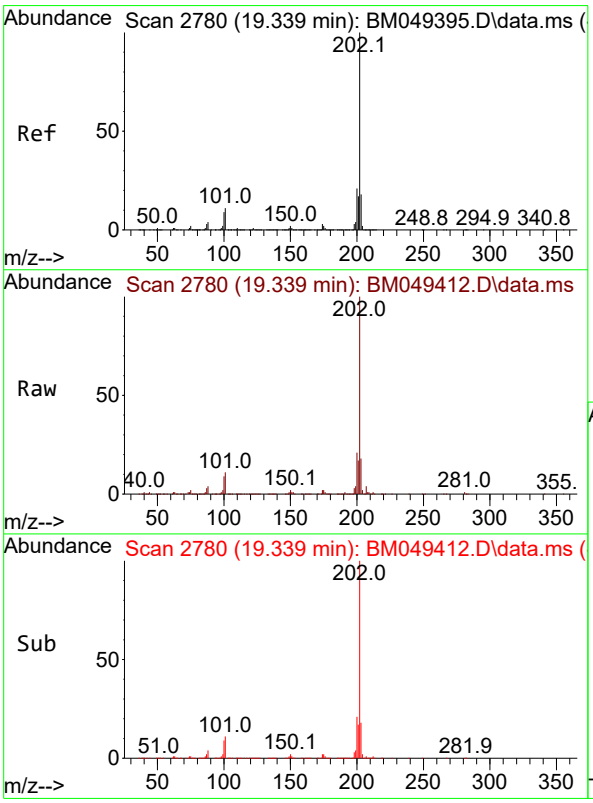

#80
Fluoranthene
Concen: 10.977 ng/ul
RT: 18.974 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Tgt Ion:202 Resp: 722684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.8 | 7.0 | 10.4 |
| 100 | 6.7 | 5.0 | 7.6 |

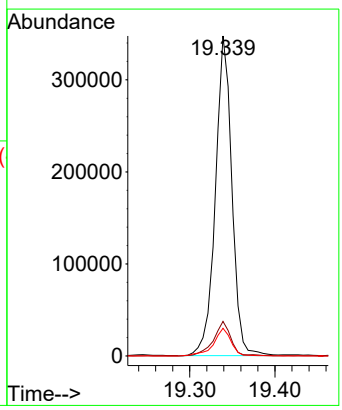


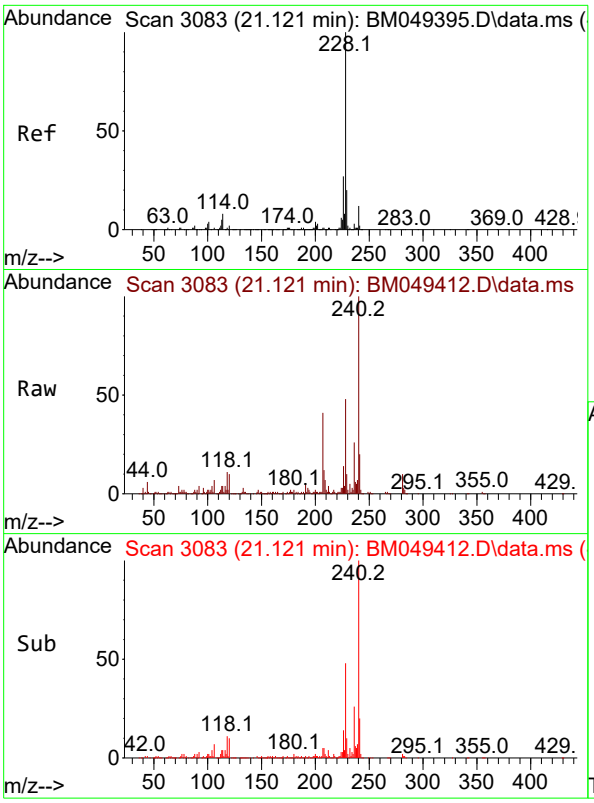




#82
Pyrene
Concen: 6.673 ng/ul
RT: 19.339 min Scan# 2780
Delta R.T. -0.011 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:202 Resp: 467682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 7.8 | 11.8 |
| 100 | 8.6 | 6.6 | 10.0 |



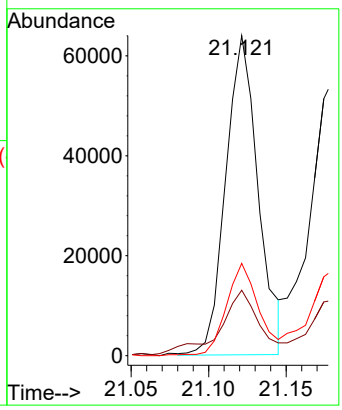


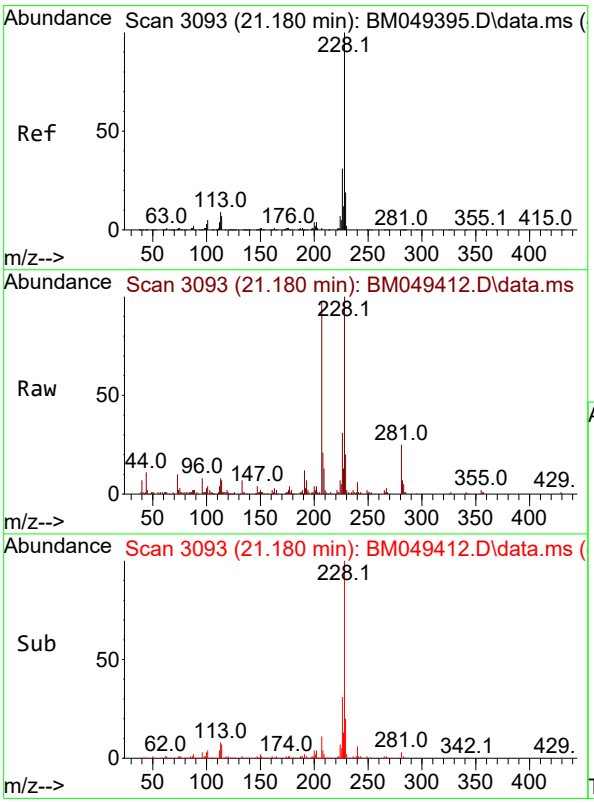

#85
Benzo(a)anthracene
Concen: 1.417 ng/ul
RT: 21.121 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

**Instrument :**
BNA_M
**ClientSampleId :**
DCZH1DL

Tgt Ion:228 Resp: 92974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.5 | 15.8 | 23.6 |
| 226 | 28.8 | 22.1 | 33.1 |




#87
Chrysene
Concen: 1.440 ng/ul
RT: 21.180 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM049412.D
Acq: 23 Jan 2025 10:20

Tgt Ion:228 Resp: 86236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.3 | 36.5 |
| 229 | 20.1 | 16.0 | 24.0 |