Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018944.D
Acq On : 19 Dec 2023 12:51
Operator : MA/JU
Sample : 05818-02DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Quant Time: Dec 19 21:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration

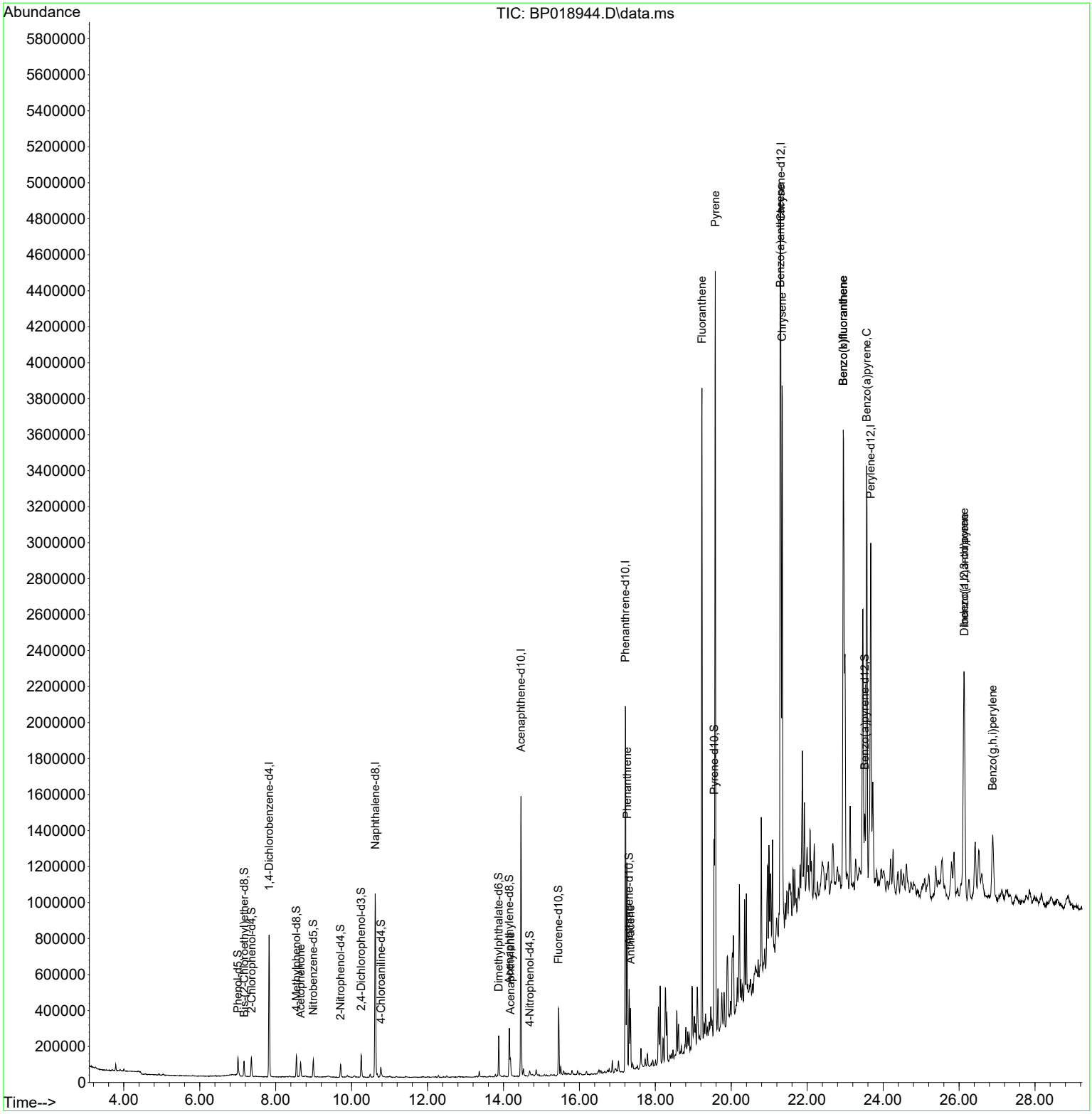
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.828 | 152 | 215051 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 838772 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.463 | 164 | 540096 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.210 | 188 | 1274902 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.303 | 240 | 1260254 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 23.674 | 264 | 1519439 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.263 | 96 | 3512 | 0.557 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.675 | 84 | 359 | 0.021 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.004 | 99 | 62812 | 2.911 | ng/ul | -0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.169 | 67 | 37281 | 2.915 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.363 | 132 | 51324 | 3.048 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.545 | 113 | 48569 | 2.781 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 8.992 | 128 | 23664 | 3.170 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 24615 | 3.180 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.251 | 165 | 51130 | 3.231 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.775 | 131 | 32552 | 1.574 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.874 | 166 | 157317 | 3.264 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.157 | 160 | 184345 | 3.473 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.692 | 143 | 8864 | 1.120 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.451 | 176 | 151749 | 3.750 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.586 | 200 | 4408 | 0.577 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.310 | 188 | 248790 | 3.712 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.551 | 212 | 310523 | 3.165 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.515 | 264 | 309666 | 3.495 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 8.657 | 105 | 44961 | 1.727 | ng/ul | 98 |
| 50) Acenaphthylene | 14.186 | 152 | 75569 | 1.266 | ng/ul | 99 |
| 72) Phenanthrene | 17.257 | 178 | 727618 | 9.450 | ng/ul | 100 |
| 74) Anthracene | 17.345 | 178 | 216941 | 2.811 | ng/ul | 99 |
| 80) Fluoranthene | 19.227 | 202 | 2200386 | 18.975 | ng/ul | 96 |
| 82) Pyrene | 19.580 | 202 | 2566806 | 21.942 | ng/ul | 94 |
| 85) Benzo(a)anthracene | 21.292 | 228 | 1771656 | 17.319 | ng/ul | 98 |
| 87) Chrysene | 21.339 | 228 | 1803067 | 19.141 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 22.950 | 252 | 2439409 | 21.775 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 22.950 | 252 | 2439409 | 22.505 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.568 | 252 | 1812317 | 17.704 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.133 | 276 | 1348323 | 11.024 | ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 26.139 | 278 | 390244 | 3.836 | ng/ul | 94 |
| 96) Benzo(g,h,i)perylene | 26.886 | 276 | 465998 | 4.734 | ng/ul# | 94 |

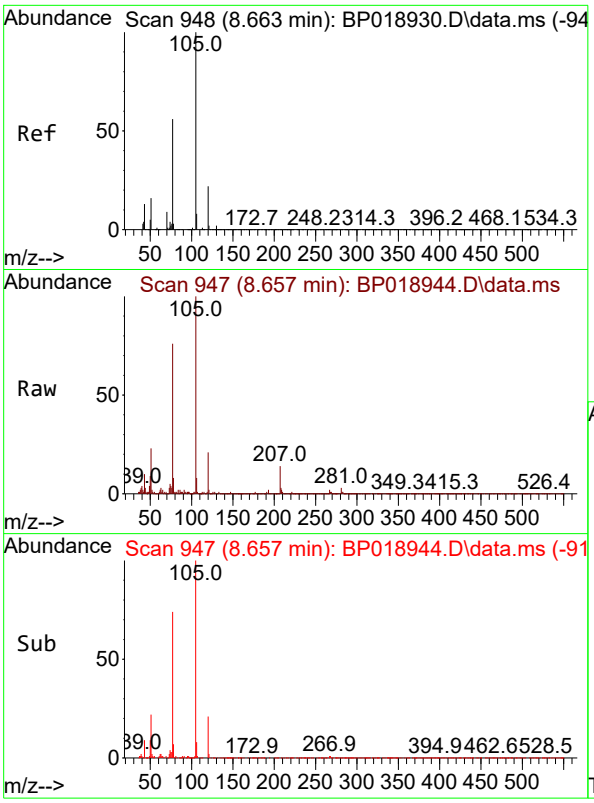
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018944.D
Acq On : 19 Dec 2023 12:51
Operator : MA/JU
Sample : 05818-02DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Quant Time: Dec 19 21:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 05:28:03 2023
Response via : Initial Calibration



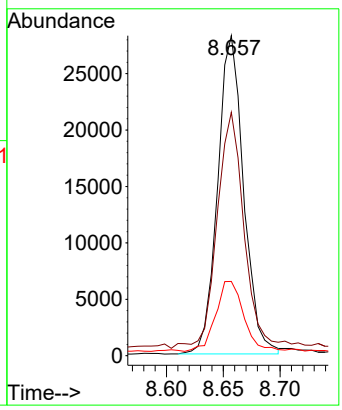


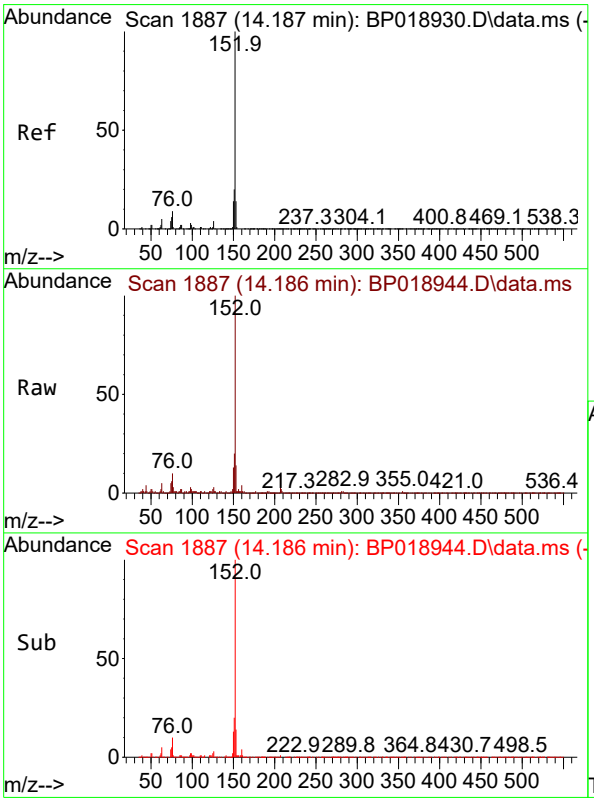

#16
Acetophenone
Concen: 1.727 ng/ul
RT: 8.657 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Tgt Ion:105 Resp: 44961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 76.0 | 59.4 | 89.0 |
| 51 | 23.2 | 19.4 | 29.0 |

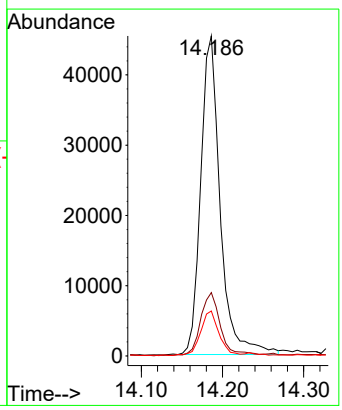


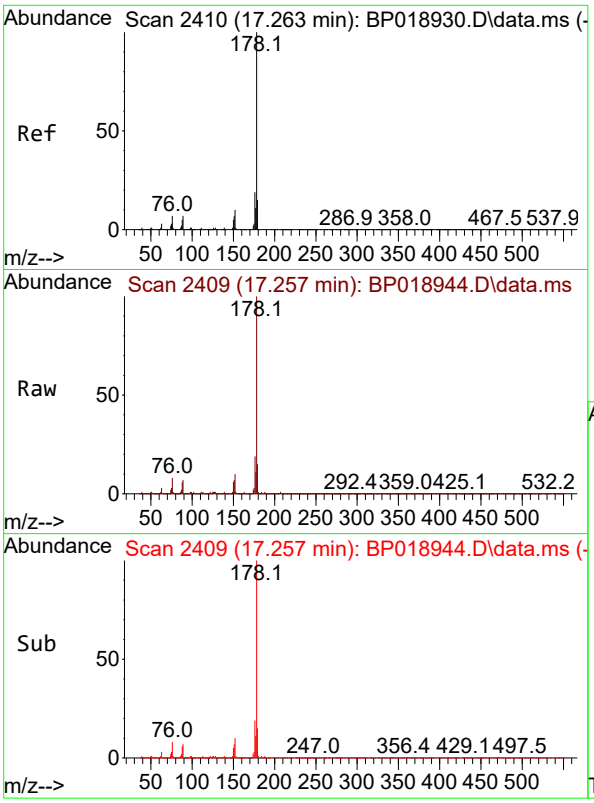




#50
Acenaphthylene
Concen: 1.266 ng/ul
RT: 14.186 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:152 Resp: 75569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 14.0 | 10.6 | 16.0 |



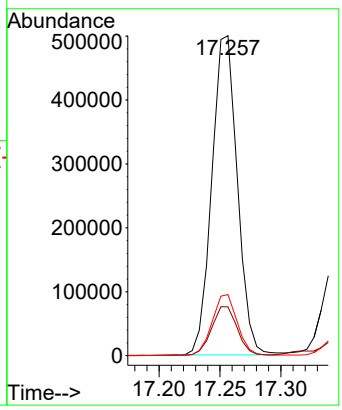


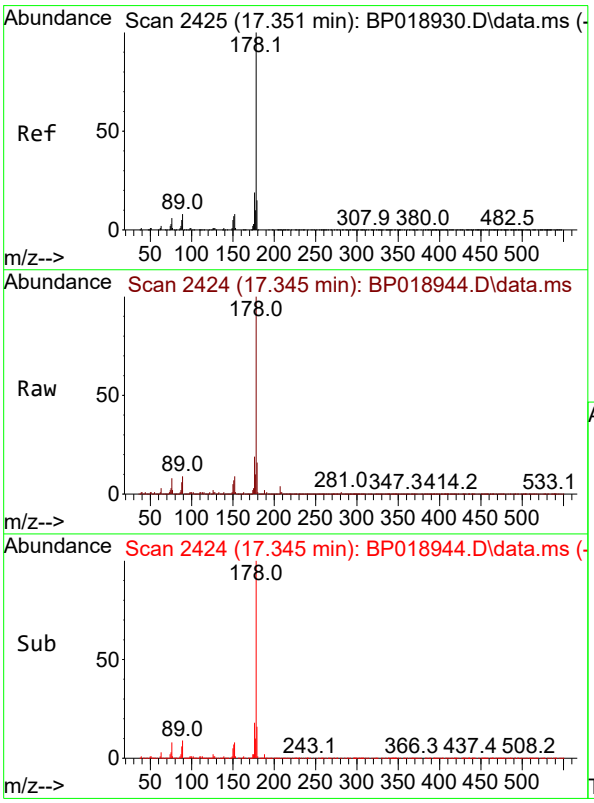

#72
Phenanthrene
Concen: 9.450 ng/ul
RT: 17.257 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Tgt Ion:178 Resp: 727618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 12.3 | 18.5 |
| 176 | 19.1 | 15.4 | 23.2 |

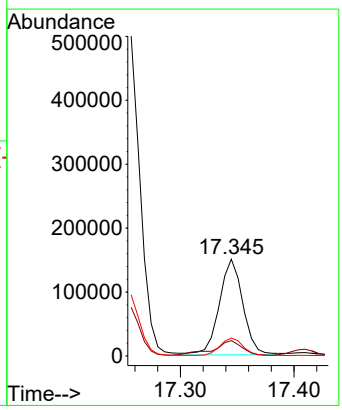


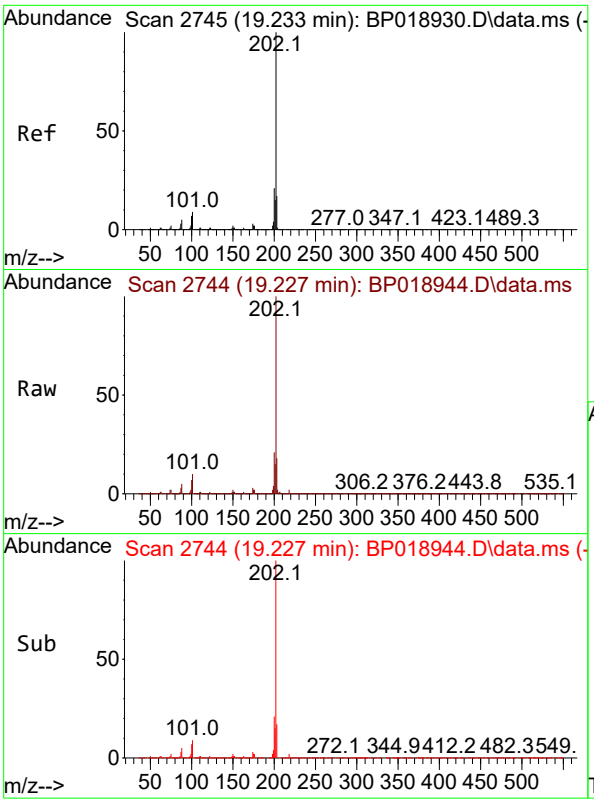




#74
Anthracene
Concen: 2.811 ng/ul
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:178 Resp: 216941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.8 | 12.5 | 18.7 |
| 176 | 18.6 | 15.0 | 22.6 |



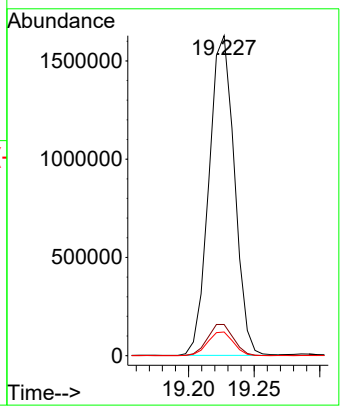


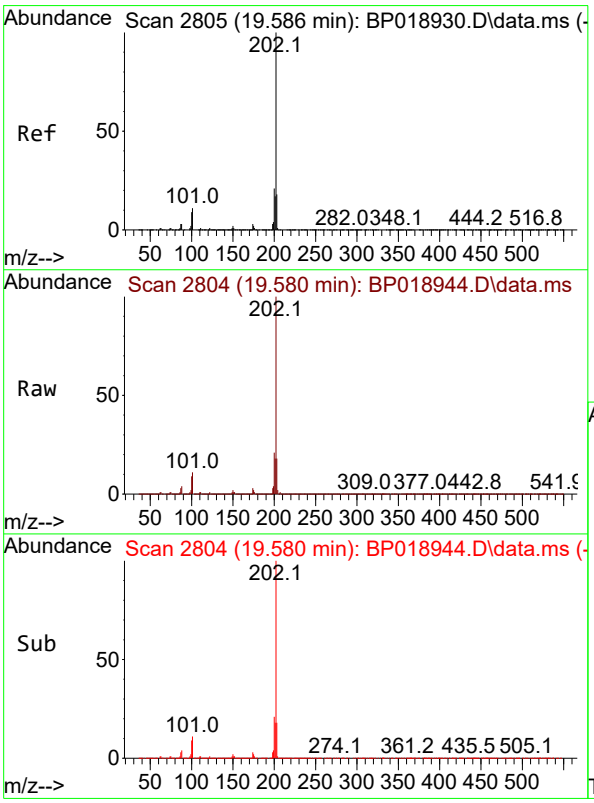

#80
Fluoranthene
Concen: 18.975 ng/ul
RT: 19.227 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Tgt Ion:202 Resp: 2200386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.8 | 9.1 | 13.7 |
| 100 | 7.4 | 7.1 | 10.7 |

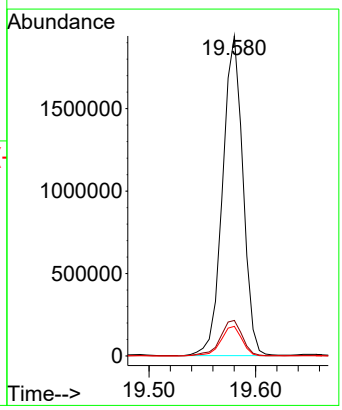


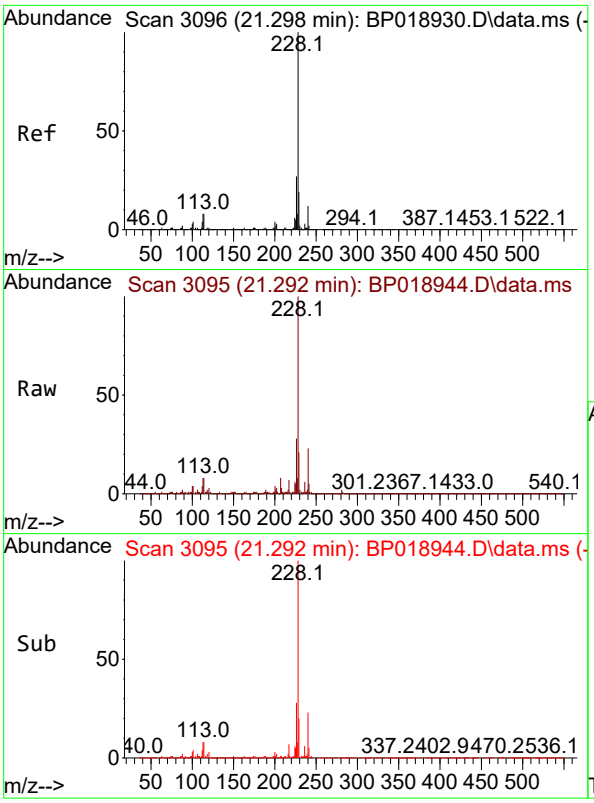




#82
Pyrene
Concen: 21.942 ng/ul
RT: 19.580 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:202 Resp: 2566806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 11.0 | 16.4 |
| 100 | 9.2 | 9.1 | 13.7 |



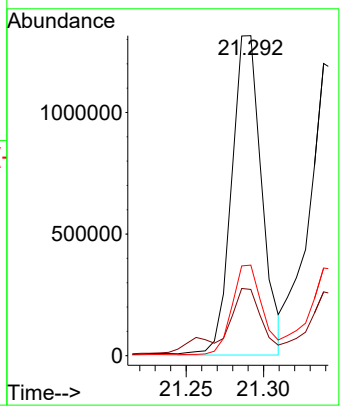


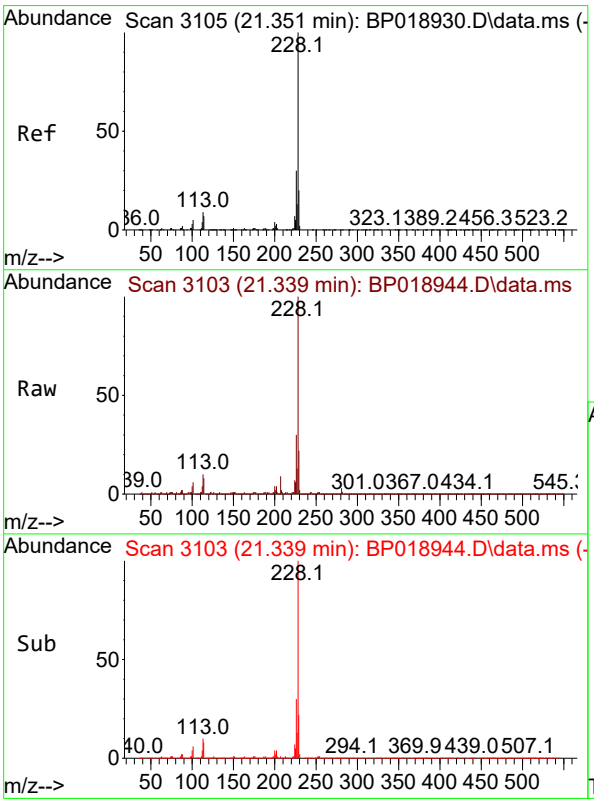

#85
Benzo(a)anthracene
Concen: 17.319 ng/ul
RT: 21.292 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Tgt Ion:228 Resp: 1771656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.7 | 15.7 | 23.5 |
| 226 | 28.3 | 21.9 | 32.9 |

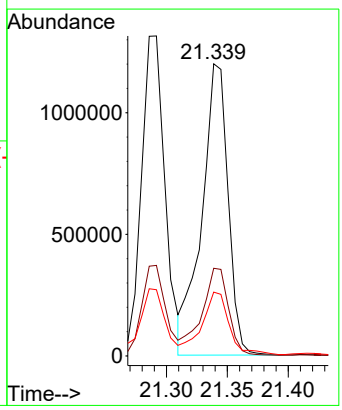


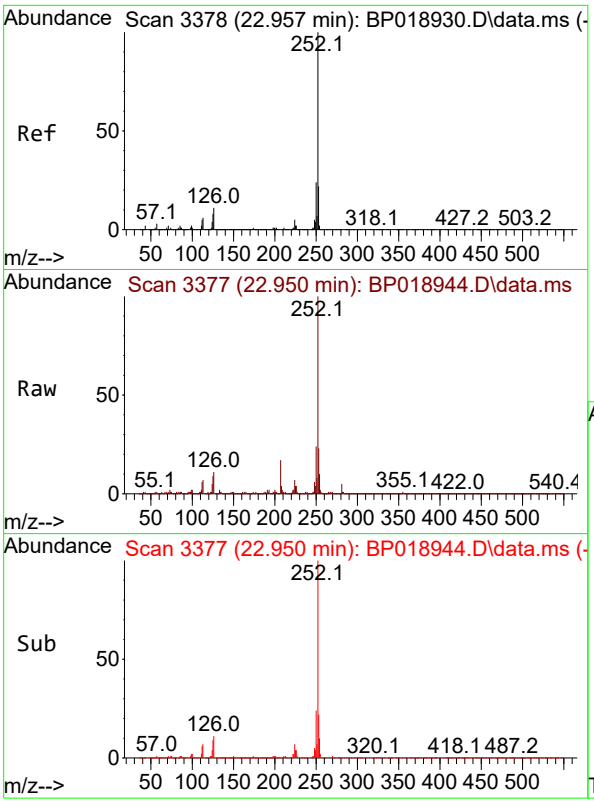




#87
Chrysene
Concen: 19.141 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:228 Resp: 1803067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 23.9 | 35.9 |
| 229 | 21.8 | 15.6 | 23.4 |



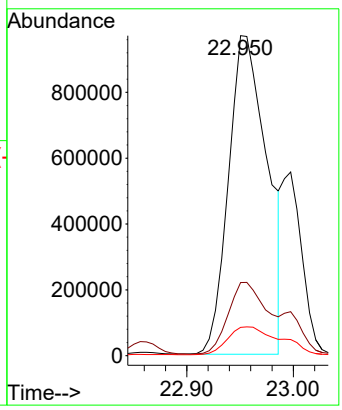


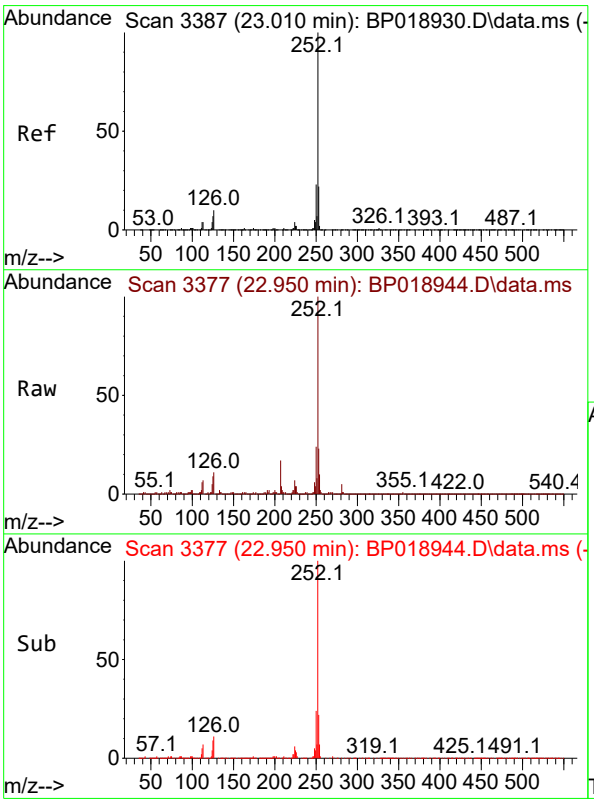

#90
Benzo(b)fluoranthene
Concen: 21.775 ng/ul
RT: 22.950 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Tgt Ion:252 Resp: 2439409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.3 | 25.9 |
| 125 | 8.9 | 7.8 | 11.6 |

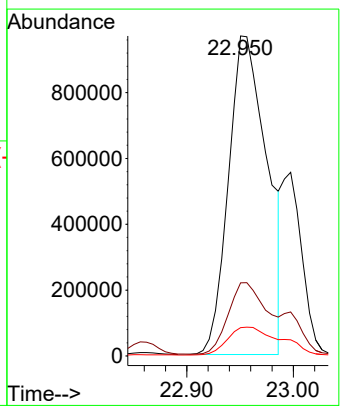


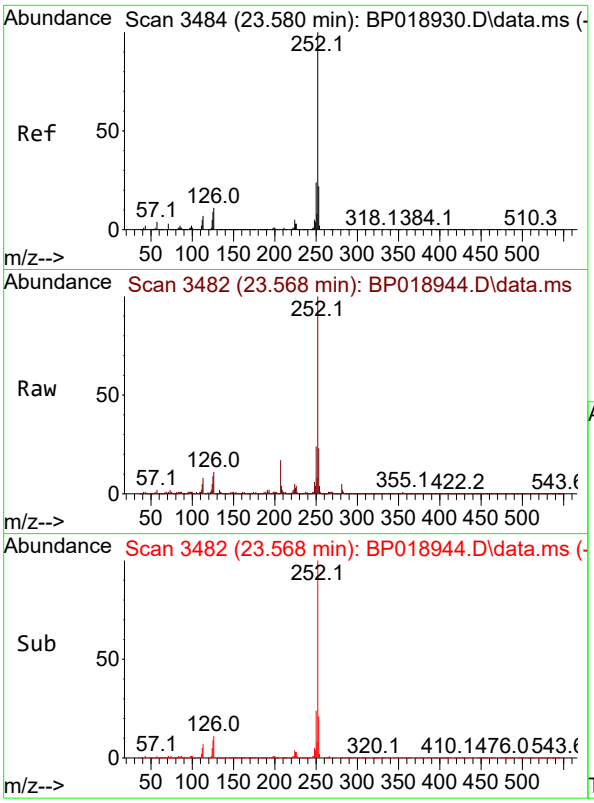




#91
Benzo(k)fluoranthene
Concen: 22.505 ng/ul
RT: 22.950 min Scan# 3377
Delta R.T. -0.059 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:252 Resp: 2439409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.7 | 26.5 |
| 125 | 8.9 | 8.0 | 12.0 |



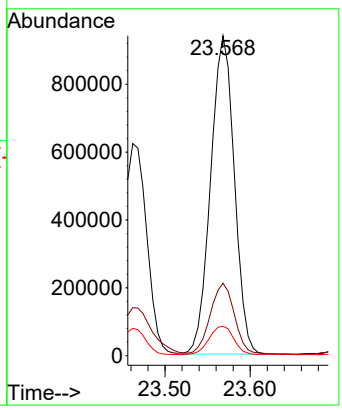


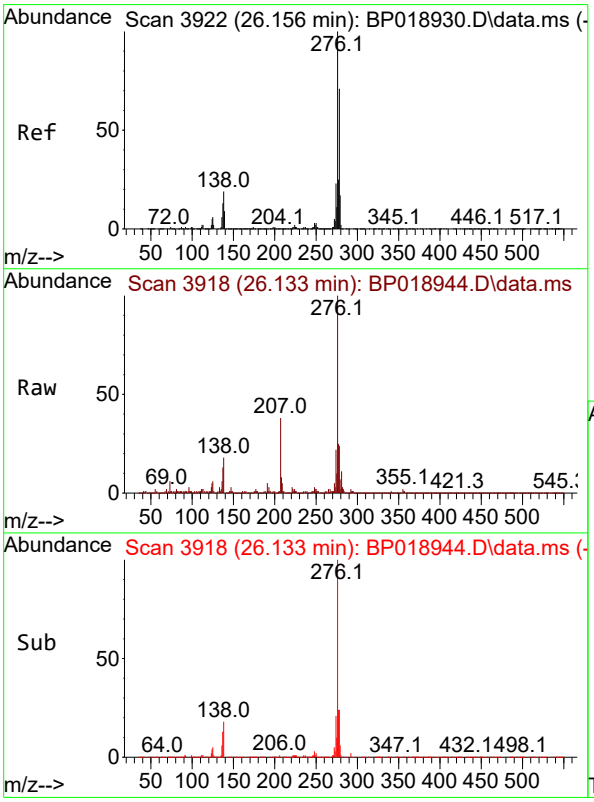

#93
Benzo(a)pyrene
Concen: 17.704 ng/ul
RT: 23.568 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Tgt Ion:252 Resp: 1812317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.8 | 26.8 |
| 125 | 9.2 | 9.2 | 13.8 |

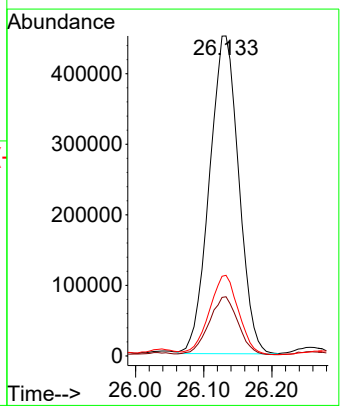


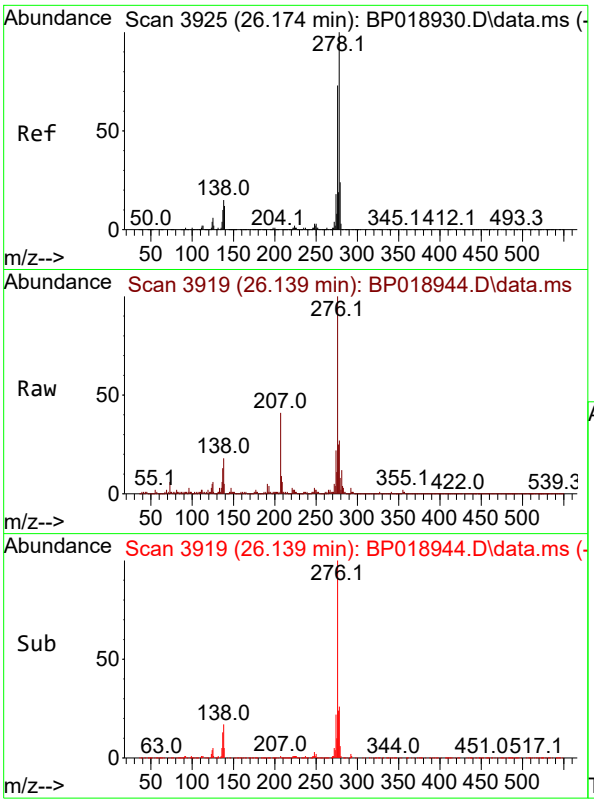




#94
Indeno(1,2,3-cd)pyrene
Concen: 11.024 ng/ul
RT: 26.133 min Scan# 3918
Delta R.T. -0.024 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:276 Resp: 1348323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.5 | 19.4 | 29.2# |
| 277 | 25.2 | 19.8 | 29.6 |



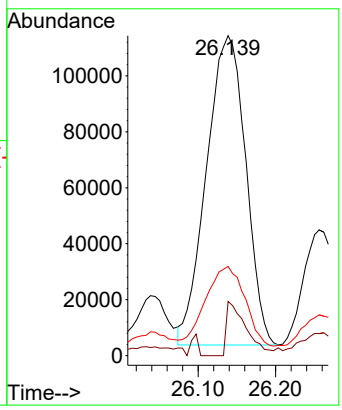


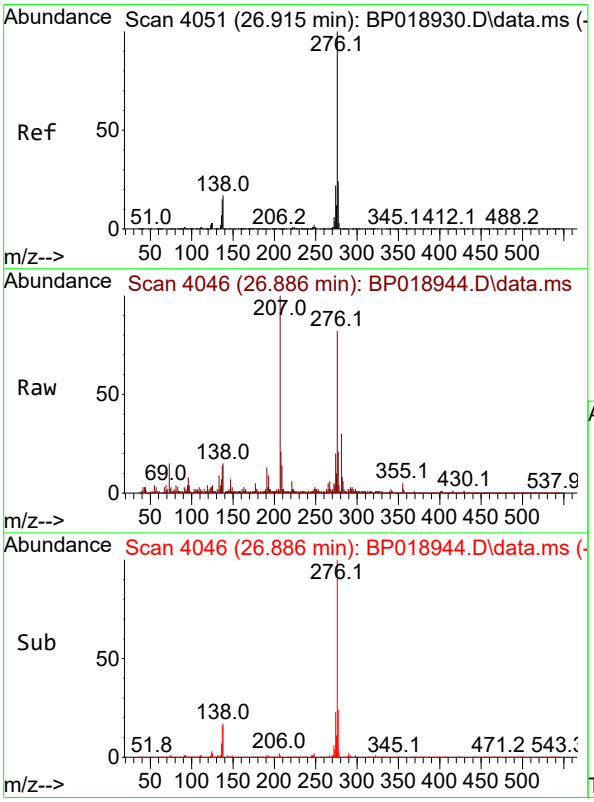

#95
Dibenzo(a,h)anthracene
Concen: 3.836 ng/ul
RT: 26.139 min Scan# 3
Delta R.T. -0.036 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

**Instrument :**
BNA_P
**ClientSampleId :**
BGRG7DL

Tgt Ion:278 Resp: 390244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.0 | 13.0 | 19.6 |
| 279 | 27.9 | 18.7 | 28.1 |




#96
Benzo(g,h,i)perylene
Concen: 4.734 ng/ul
RT: 26.886 min Scan# 4046
Delta R.T. -0.030 min
Lab File: BP018944.D
Acq: 19 Dec 2023 12:51

Tgt Ion:276 Resp: 465998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.0 | 18.1 | 27.1# |
| 277 | 25.5 | 19.4 | 29.0 |