Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018021.D
Acq On : 10 Nov 2023 10:15
Operator : MA/JU
Sample : 05091-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Quant Time: Nov 10 22:16:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration

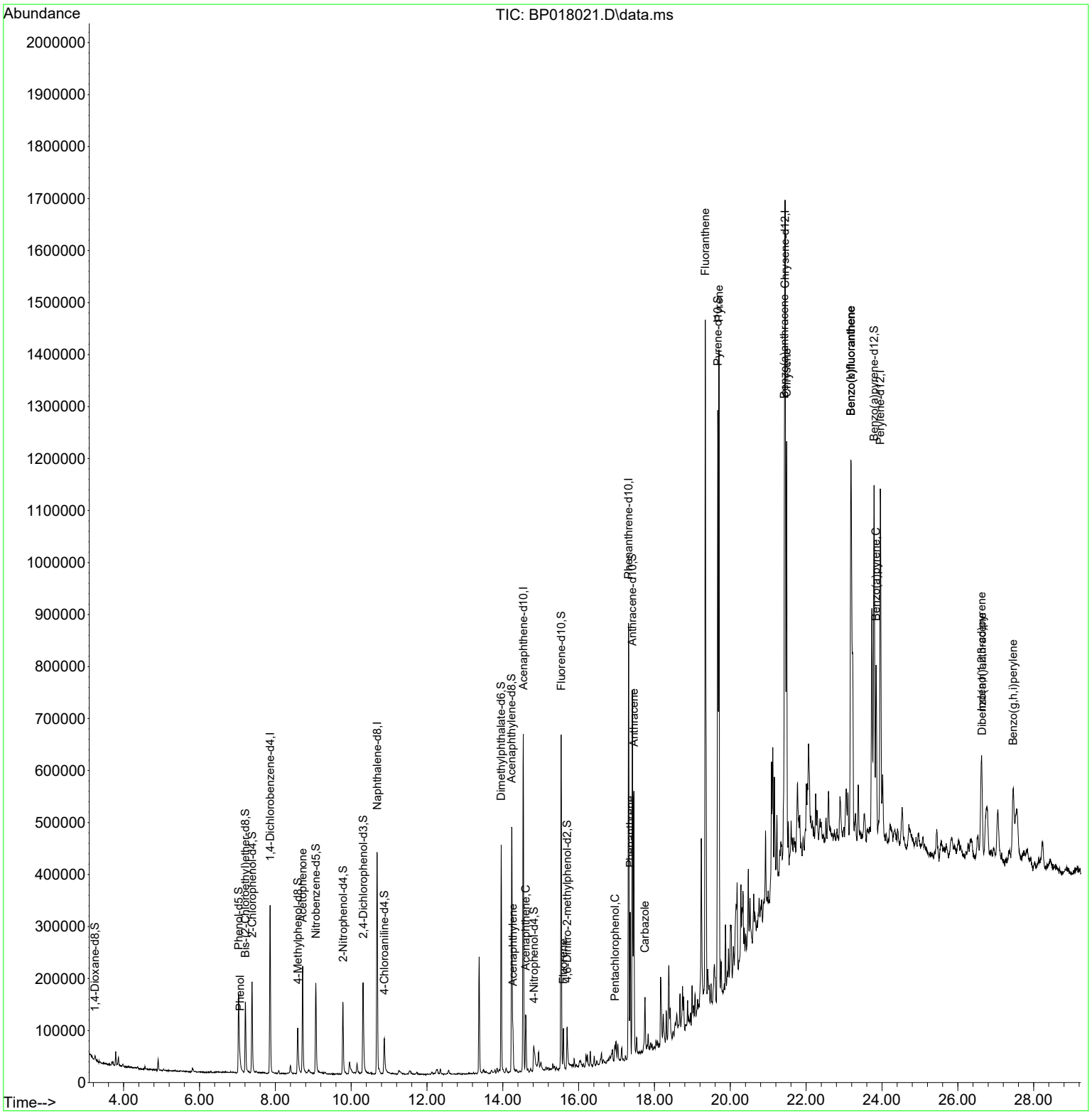
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.863 | 152 | 80191 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.687 | 136 | 325454 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.539 | 164 | 200593 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.316 | 188 | 454469 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.445 | 240 | 445370 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.956 | 264 | 499749 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.246 | 96 | 4762 | 2.033 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.710 | 84 | 2720 | 0.447 | ng/ul | 0.03 |
| 7) Phenol-d5 | 7.034 | 99 | 86567 | 11.487 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.210 | 67 | 59353 | 13.002 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.387 | 132 | 74264 | 12.316 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.593 | 113 | 38591 | 6.385 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.069 | 128 | 39112 | 13.420 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.787 | 143 | 39459 | 12.165 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.316 | 165 | 69773 | 12.007 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.875 | 131 | 43849 | 5.507 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.957 | 166 | 254176 | 13.784 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.233 | 160 | 289318 | 14.635 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.822 | 143 | 17280 | 6.398 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.539 | 176 | 231564 | 15.151 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 200 | 14113 | 4.447 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.416 | 188 | 370805 | 15.227 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.668 | 212 | 487728 | 17.016 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.792 | 264 | 467421 | 16.091 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 7.069 | 94 | 17356 | 2.339 | ng/ul | 98 |
| 16) Acetophenone | 8.722 | 105 | 108617 | 11.238 | ng/ul | 99 |
| 50) Acenaphthylene | 14.269 | 152 | 55230 | 2.439 | ng/ul | 99 |
| 52) Acenaphthene | 14.604 | 153 | 36174 | 2.405 | ng/ul | 99 |
| 61) Fluorene | 15.598 | 166 | 31248 | 1.784 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.957 | 266 | 4328 | 1.249 | ng/ul | 96 |
| 72) Phenanthrene | 17.363 | 178 | 158311 | 5.596 | ng/ul | 97 |
| 74) Anthracene | 17.457 | 178 | 289758 | 10.131 | ng/ul | 98 |
| 77) Carbazole | 17.751 | 167 | 55198 | 2.235 | ng/ul | 97 |
| 80) Fluoranthene | 19.339 | 202 | 714804 | 21.546 | ng/ul | 99 |
| 82) Pyrene | 19.704 | 202 | 728793 | 20.785 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.427 | 228 | 349082 | 9.750 | ng/ul | 99 |
| 87) Chrysene | 21.486 | 228 | 341823 | 10.136 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.180 | 252 | 653620 | 18.198 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.180 | 252 | 653620 | 18.233 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.845 | 252 | 233971 | 6.911 | ng/ul | 94 |
| 94) Indeno(1,2,3-cd)pyrene | 26.627 | 276 | 221666 | 5.524 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.639 | 278 | 55534 | 1.674 | ng/ul# | 91 |
| 96) Benzo(g,h,i)perylene | 27.456 | 276 | 201598 | 6.296 | ng/ul | 98 |

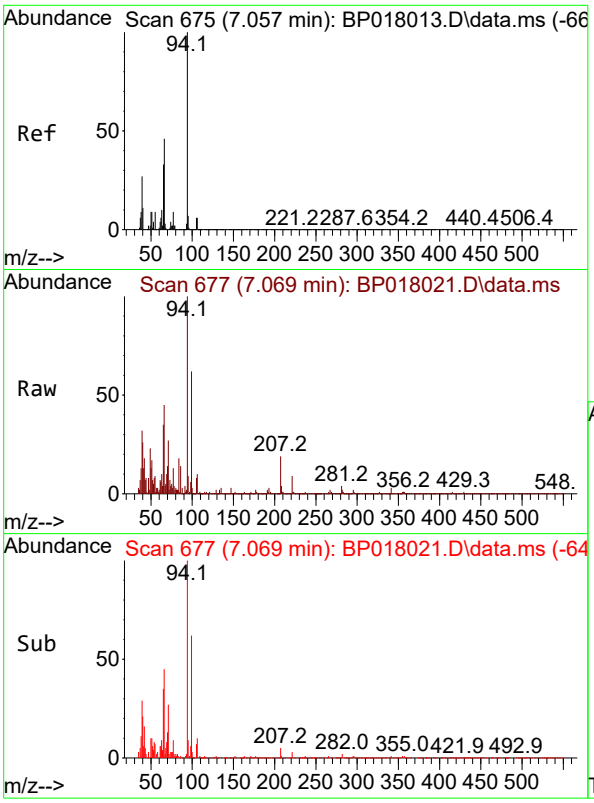
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018021.D
Acq On : 10 Nov 2023 10:15
Operator : MA/JU
Sample : 05091-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Quant Time: Nov 10 22:16:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 22:34:38 2023
Response via : Initial Calibration



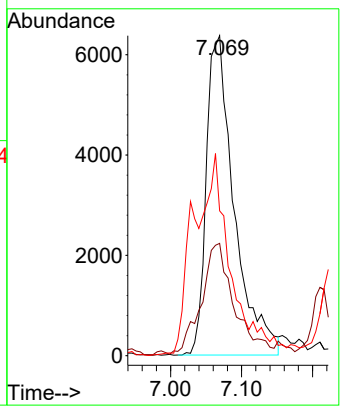


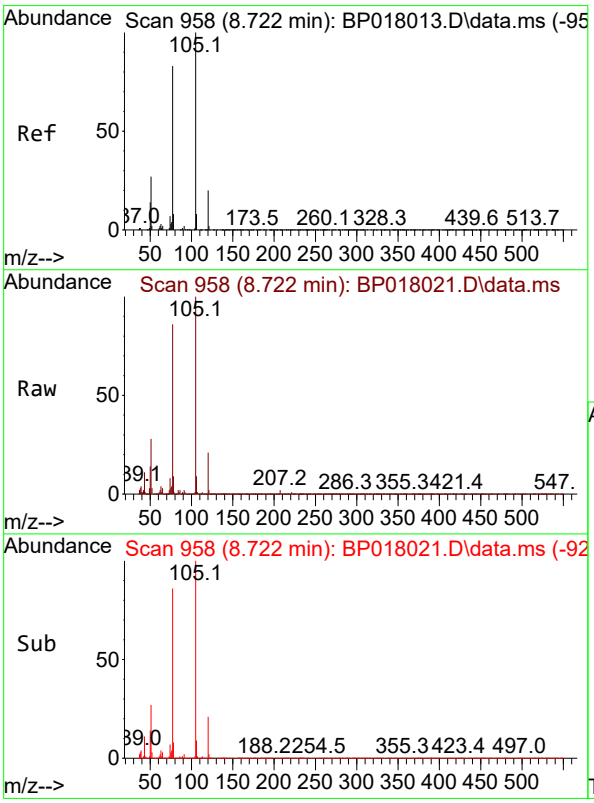

#8
Phenol
Concen: 2.339 ng/ul
RT: 7.069 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion: 94 Resp: 17356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.1 | 26.5 | 39.7 |
| 66 | 45.3 | 37.0 | 55.6 |

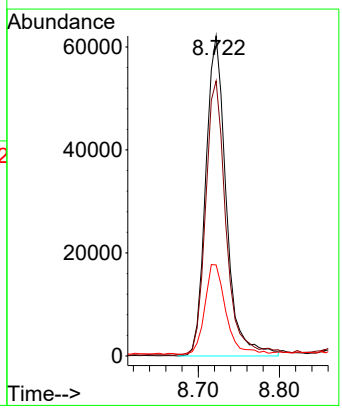


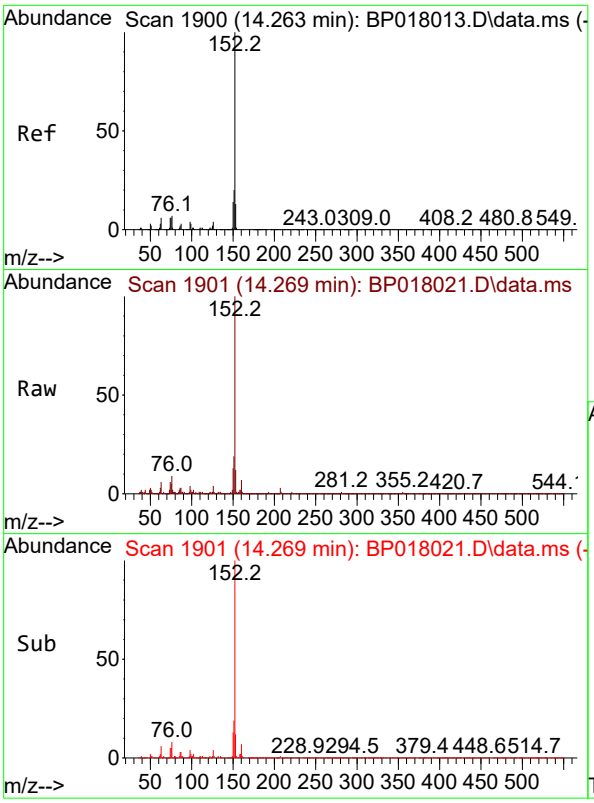




#16
Acetophenone
Concen: 11.238 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:105 Resp: 108617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 85.9 | 68.2 | 102.4 |
| 51 | 28.5 | 24.1 | 36.1 |



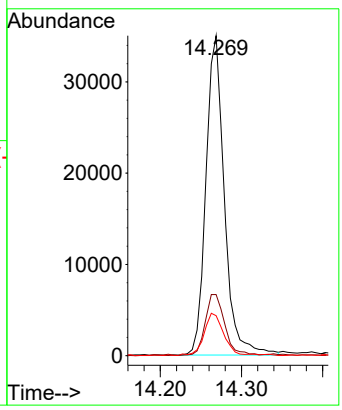


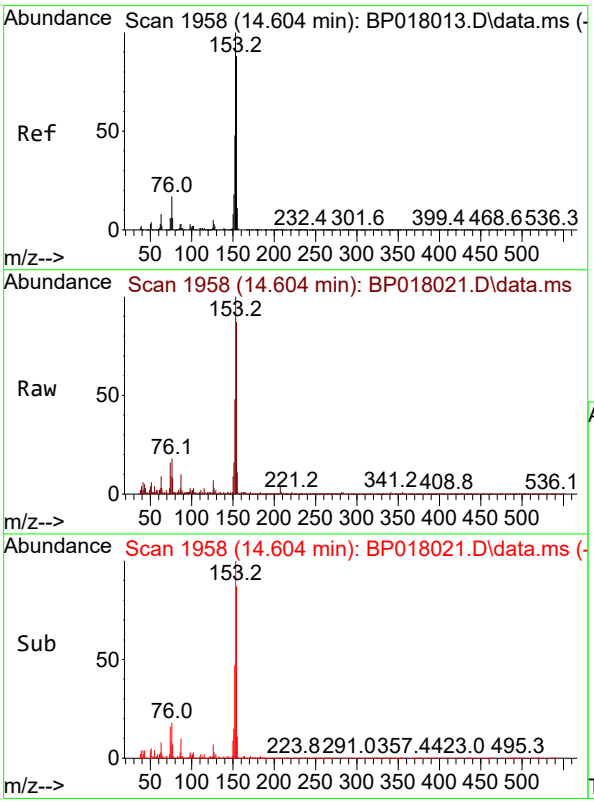

#50
Acenaphthylene
Concen: 2.439 ng/ul
RT: 14.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:152 Resp: 55230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.5 | 23.3 |
| 153 | 12.5 | 10.3 | 15.5 |

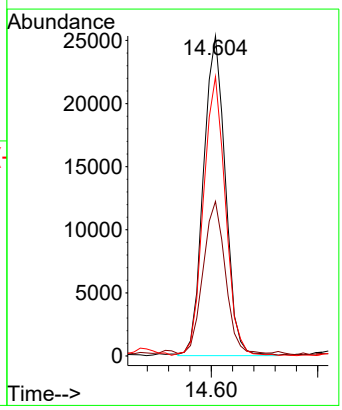


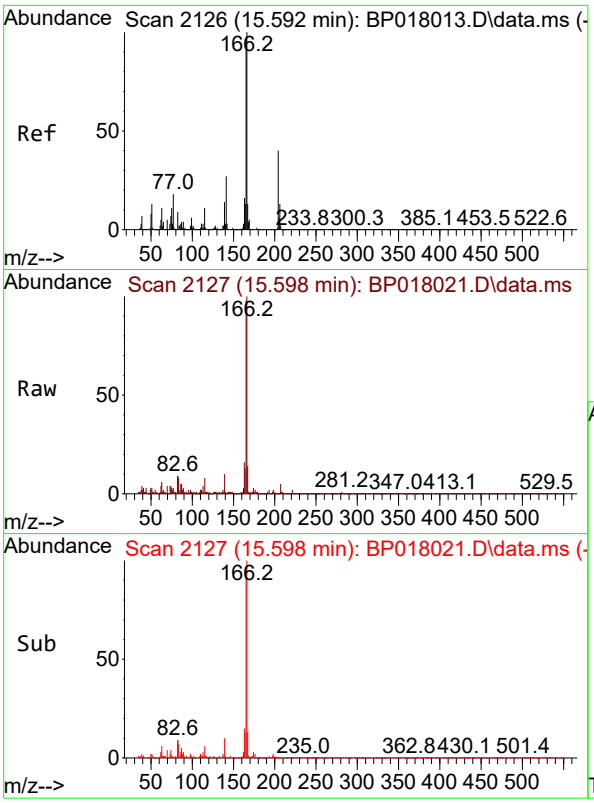




#52
Acenaphthene
Concen: 2.405 ng/ul
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:153 Resp: 36174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 48.3 | 38.2 | 57.2 |
| 154 | 87.3 | 68.8 | 103.2 |



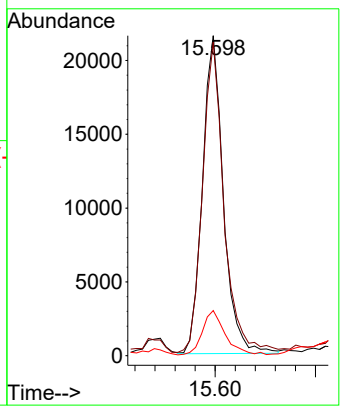


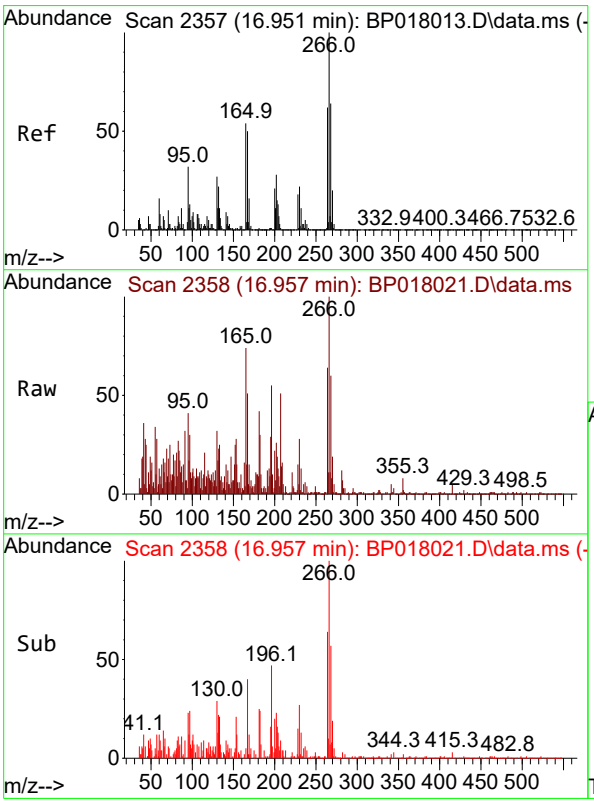

#61
Fluorene
Concen: 1.784 ng/ul
RT: 15.598 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:166 Resp: 31248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 80.2 | 120.2 |
| 167 | 14.1 | 11.0 | 16.4 |

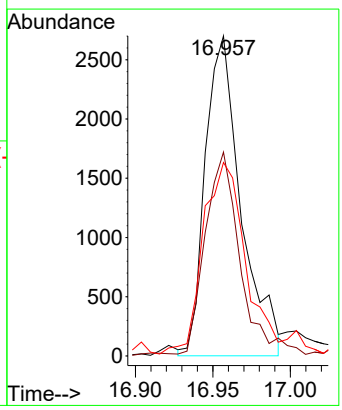


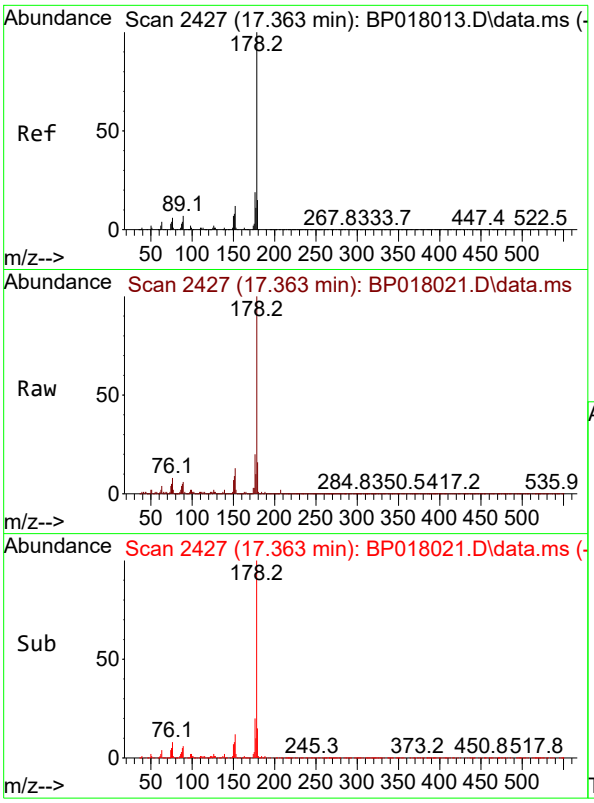




#71
Pentachlorophenol
Concen: 1.249 ng/ul
RT: 16.957 min Scan# 2358
Delta R.T. -0.000 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:266 Resp: 4328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.7 | 48.4 | 72.6 |
| 268 | 60.5 | 50.3 | 75.5 |



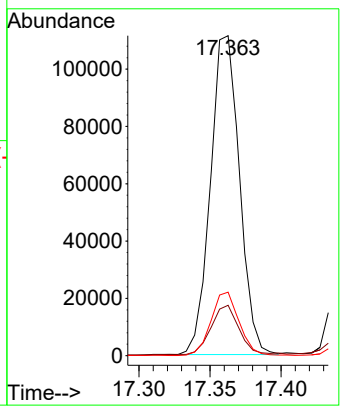


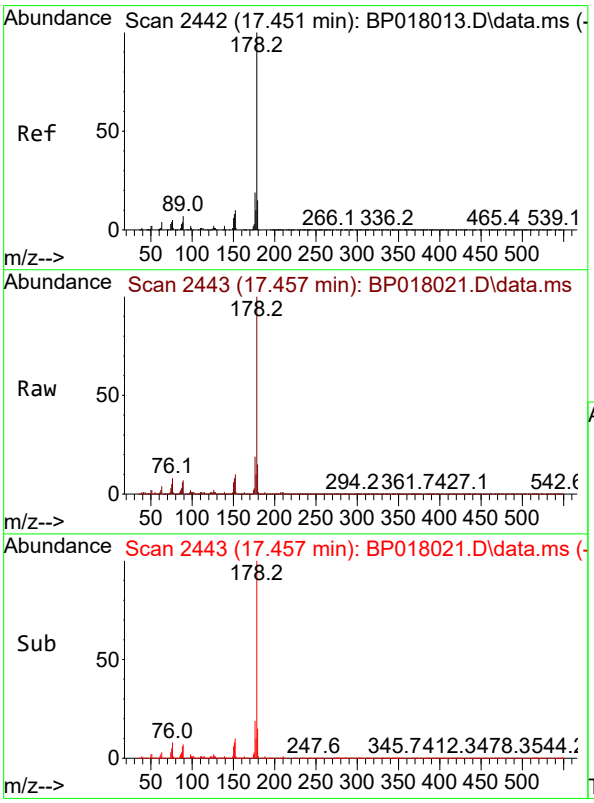

#72
Phenanthrene
Concen: 5.596 ng/ul
RT: 17.363 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:178 Resp: 158311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.7 | 11.6 | 17.4 |
| 176 | 19.9 | 15.1 | 22.7 |

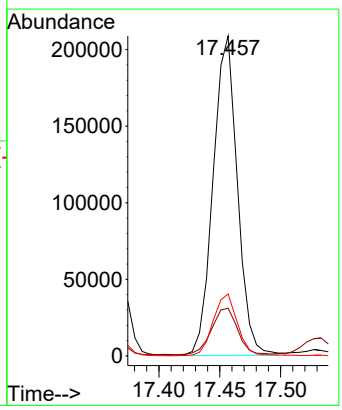


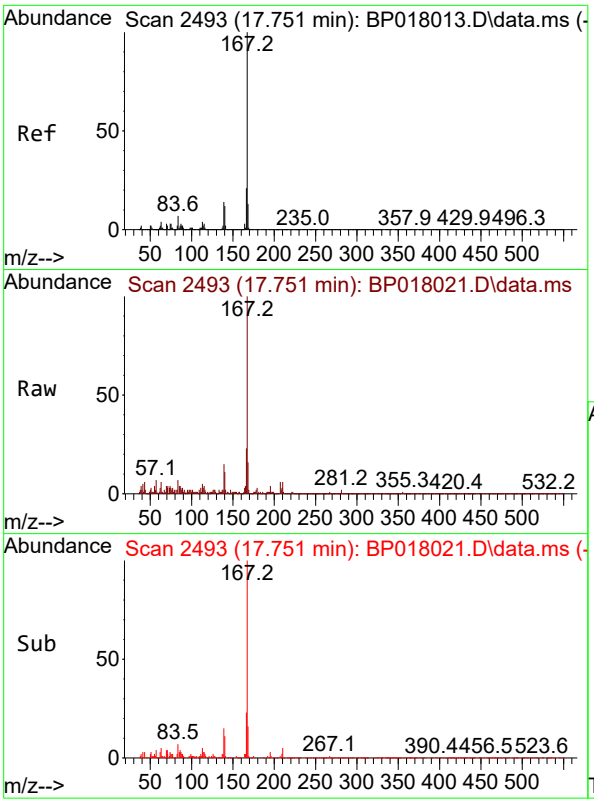




#74
Anthracene
Concen: 10.131 ng/ul
RT: 17.457 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:178 Resp: 289758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.9 | 12.9 | 19.3 |
| 176 | 19.3 | 15.1 | 22.7 |



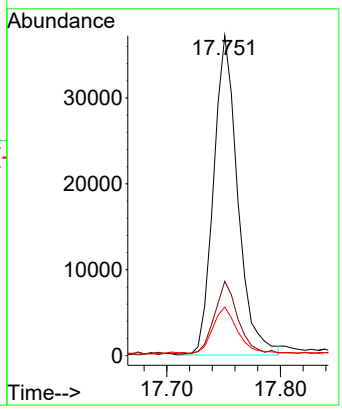


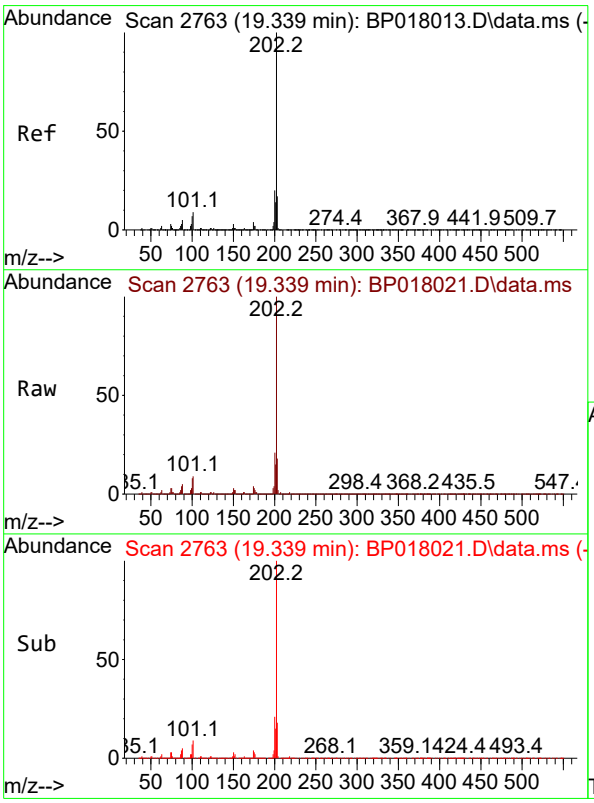

#77
Carbazole
Concen: 2.235 ng/ul
RT: 17.751 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:167 Resp: 55198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.2 | 17.2 | 25.8 |
| 139 | 15.2 | 11.7 | 17.5 |

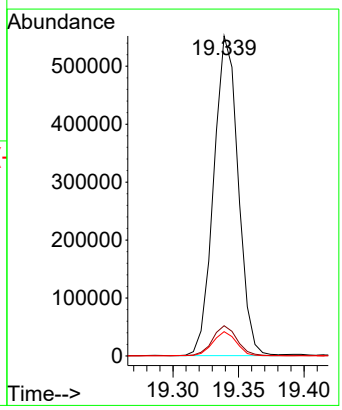


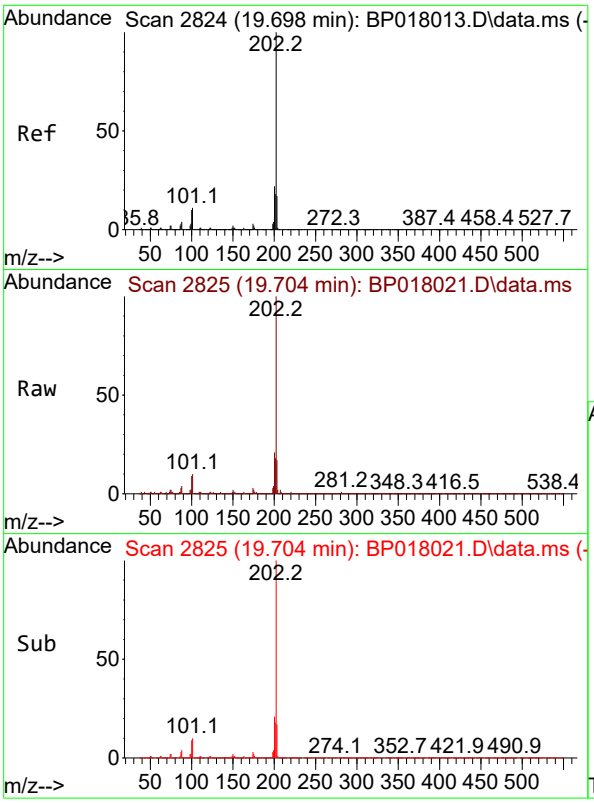




#80
Fluoranthene
Concen: 21.546 ng/ul
RT: 19.339 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:202 Resp: 714804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 7.4 | 11.0 |
| 100 | 7.6 | 5.8 | 8.6 |



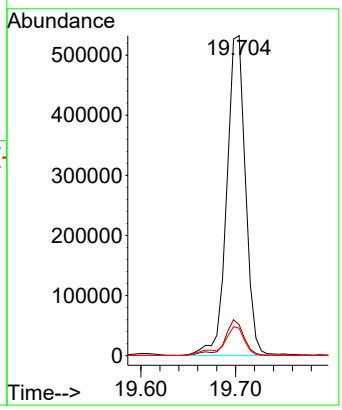


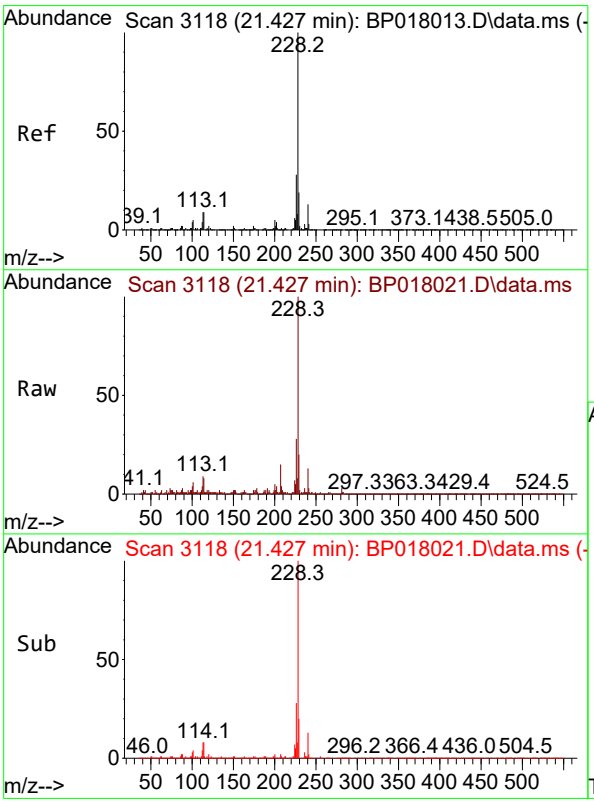

#82
Pyrene
Concen: 20.785 ng/ul
RT: 19.704 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:202 Resp: 728793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.7 | 9.0 | 13.4 |
| 100 | 8.6 | 7.8 | 11.8 |

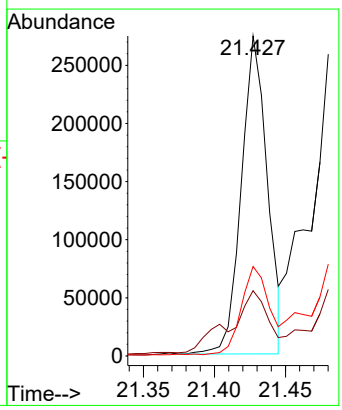


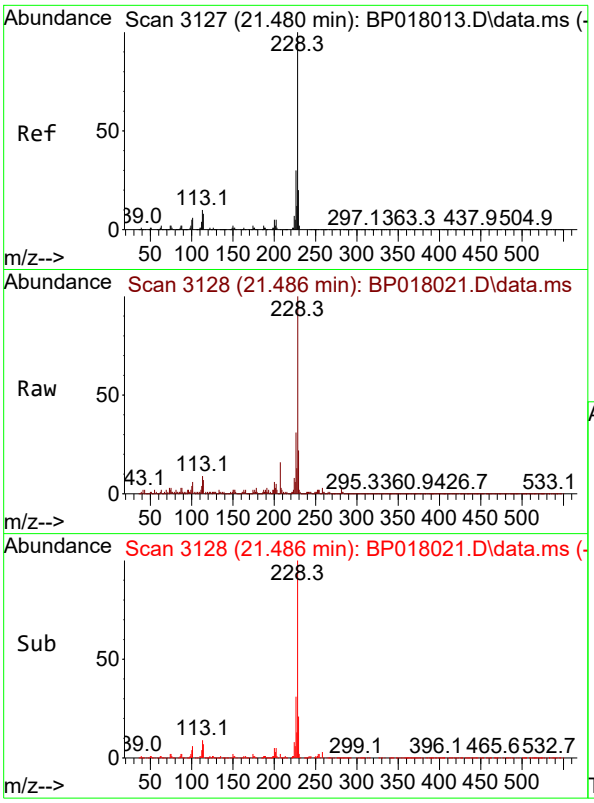




#85
Benzo(a)anthracene
Concen: 9.750 ng/ul
RT: 21.427 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:228 Resp: 349082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.4 | 15.6 | 23.4 |
| 226 | 28.0 | 22.3 | 33.5 |



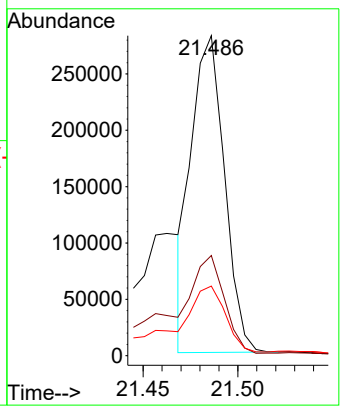


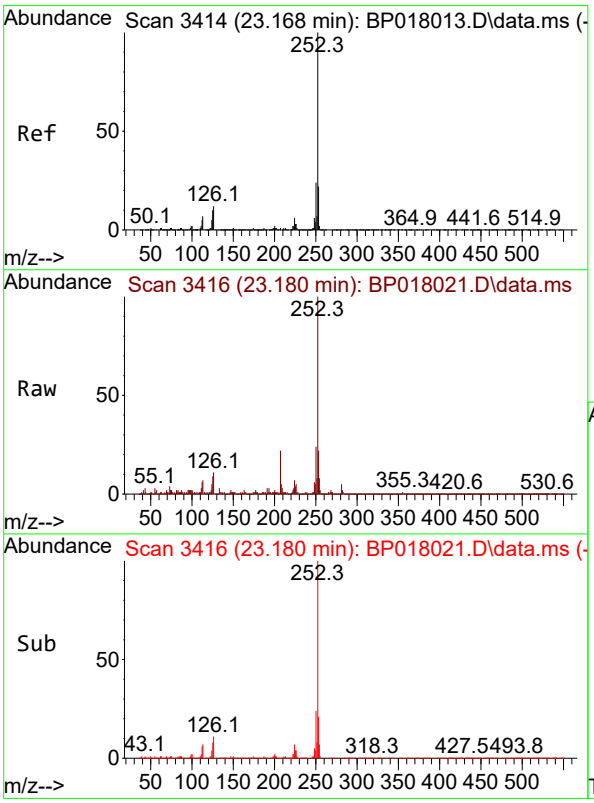

#87
Chrysene
Concen: 10.136 ng/ul
RT: 21.486 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:228 Resp: 341823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 24.4 | 36.6 |
| 229 | 21.7 | 15.4 | 23.0 |

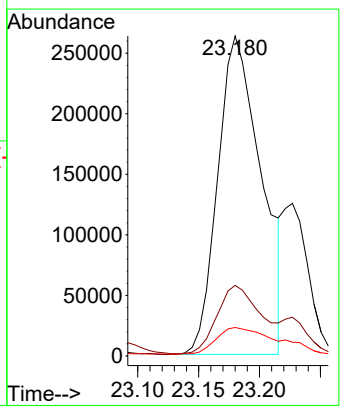


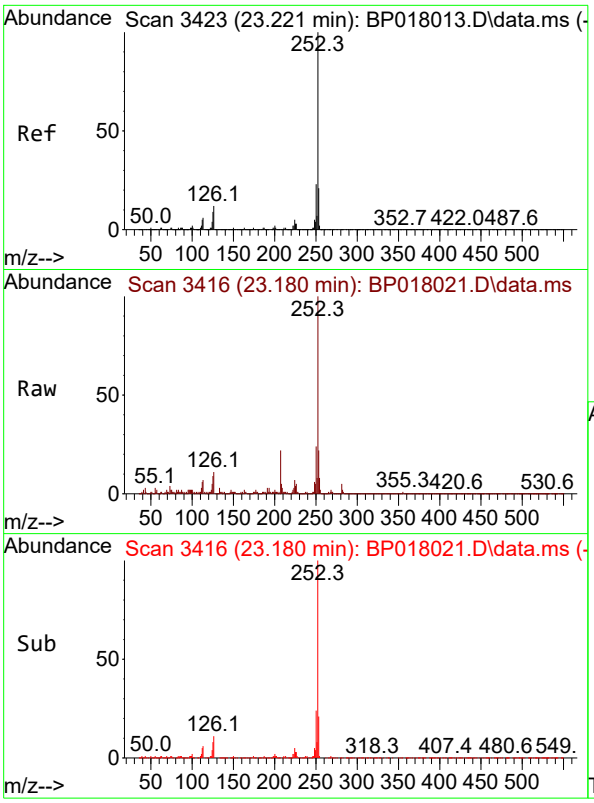




#90
Benzo(b)fluoranthene
Concen: 18.198 ng/ul
RT: 23.180 min Scan# 3416
Delta R.T. -0.000 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:252 Resp: 653620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.0 | 25.4 |
| 125 | 8.9 | 7.4 | 11.2 |



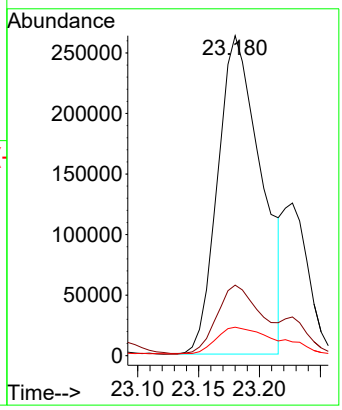


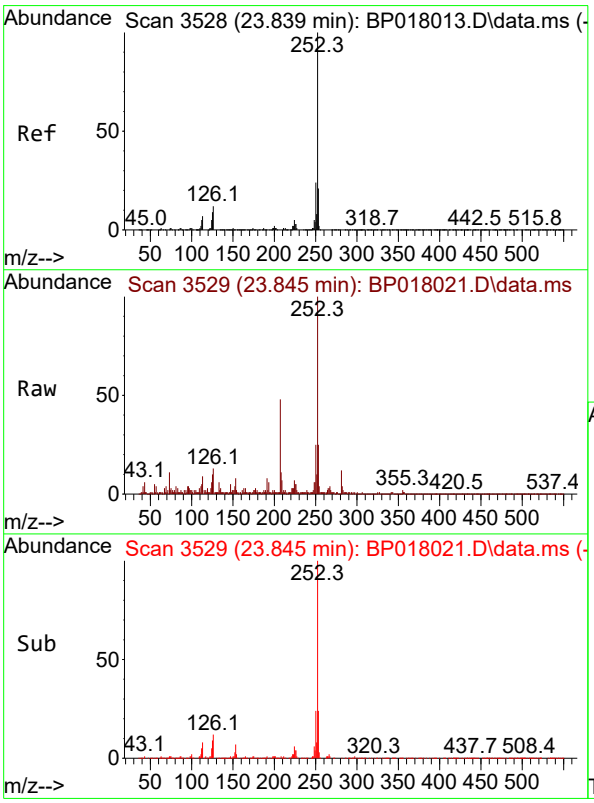

#91
Benzo(k)fluoranthene
Concen: 18.233 ng/ul
RT: 23.180 min Scan# 34
Delta R.T. -0.053 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:252 Resp: 653620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.6 |
| 125 | 8.9 | 7.4 | 11.2 |

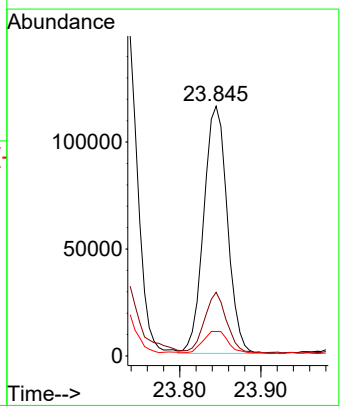


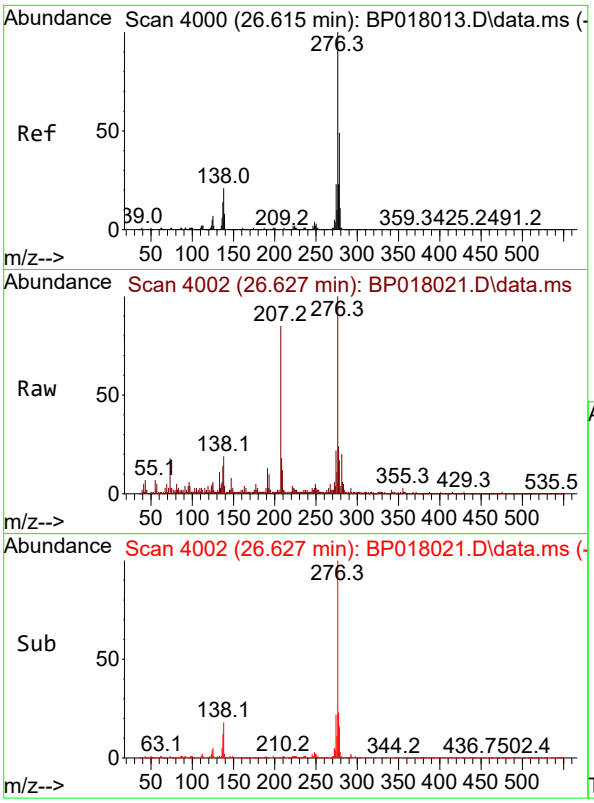




#93
Benzo(a)pyrene
Concen: 6.911 ng/ul
RT: 23.845 min Scan# 3529
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:252 Resp: 233971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.5 | 17.4 | 26.0 |
| 125 | 9.8 | 7.8 | 11.8 |



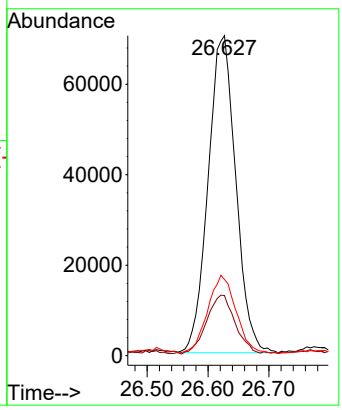


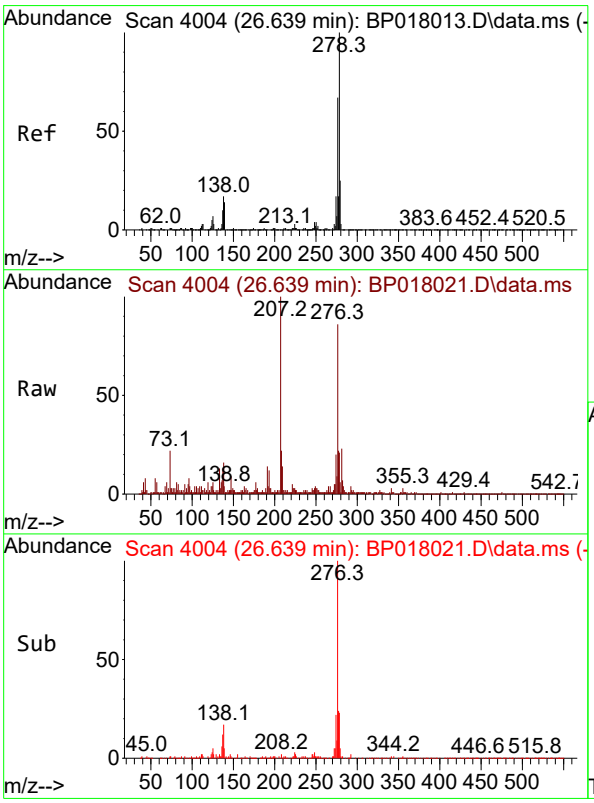

#94
Indeno(1,2,3-cd)pyrene
Concen: 5.524 ng/ul
RT: 26.627 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:276 Resp: 221666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.8 | 16.2 | 24.4 |
| 277 | 23.8 | 18.8 | 28.2 |

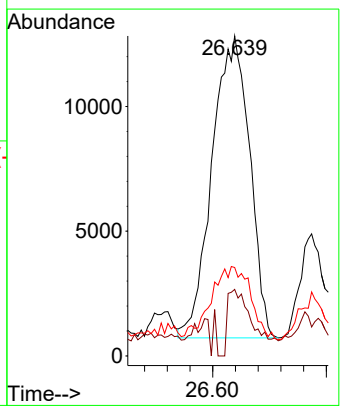


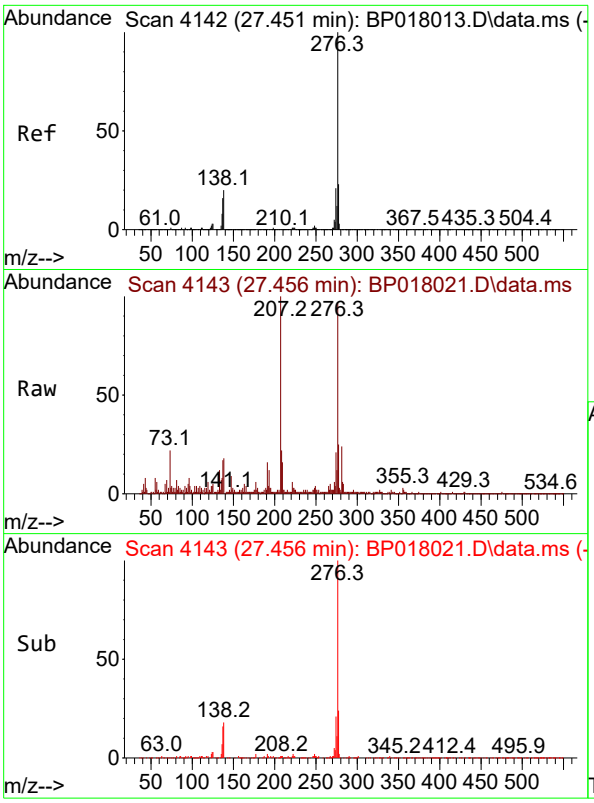




#95
Dibenzo(a,h)anthracene
Concen: 1.674 ng/ul
RT: 26.639 min Scan# 4004
Delta R.T. -0.018 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

Tgt Ion:278 Resp: 55534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.8 | 11.9 | 17.9# |
| 279 | 27.6 | 19.7 | 29.5 |






#96
Benzo(g,h,i)perylene
Concen: 6.296 ng/ul
RT: 27.456 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP018021.D
Acq: 10 Nov 2023 10:15

**Instrument :**
BNA_P
**ClientSampleId :**
DCKJ1

Tgt Ion:276 Resp: 201598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.3 | 15.0 | 22.6 |
| 277 | 25.3 | 19.0 | 28.6 |