Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
Data File : BM017020.D
Acq On : 05 Oct 2018 03:26
Operator : MJ/SJ
Sample : J5157-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Oct 05 05:35:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 05:34:09 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 266901 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.47 | 136 | 1175053 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.34 | 164 | 630351 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.09 | 188 | 1347982 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.27 | 240 | 1346274 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.50 | 264 | 1371116 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 27780 | 5.17 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 696926 | 31.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.04 | 67 | 440630 | 32.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.23 | 132 | 591799 | 31.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.40 | 113 | 575565 | 32.92 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 293564 | 34.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 305003 | 34.91 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 575518 | 32.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 794062 | 36.76 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.75 | 166 | 1759540 | 35.18 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.03 | 160 | 2273829 | 35.57 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.54 | 143 | 221194 | 23.41 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.33 | 176 | 1554002 | 34.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 168643 | 21.21 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.19 | 188 | 2263802 | 35.16 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.48 | 212 | 2410973 | 39.70 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.36 | 264 | 2547550 | 36.29 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.90 | 94 | 33103 | 1.483 | ng/ul | 96 |
| 45) Dimethylphthalate | 13.80 | 163 | 365143 | 7.373 | ng/ul | 99 |
| 80) Pyrene | 19.51 | 202 | 165343 | 2.120 | ng/ul | 99 |
| 85) Chrysene | 21.31 | 228 | 106203 | 1.360 | ng/ul | 99 |
| 88) Benzo(b)fluoranthene | 22.83 | 252 | 129884 | 1.591 | ng/ul | 96 |
| 89) Benzo(k)fluoranthene | 22.83 | 252 | 129884 | 1.656 | ng/ul | 97 |
| 91) Benzo(a)pyrene | 23.40 | 252 | 80736 | 1.026 | ng/ul# | 90 |

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

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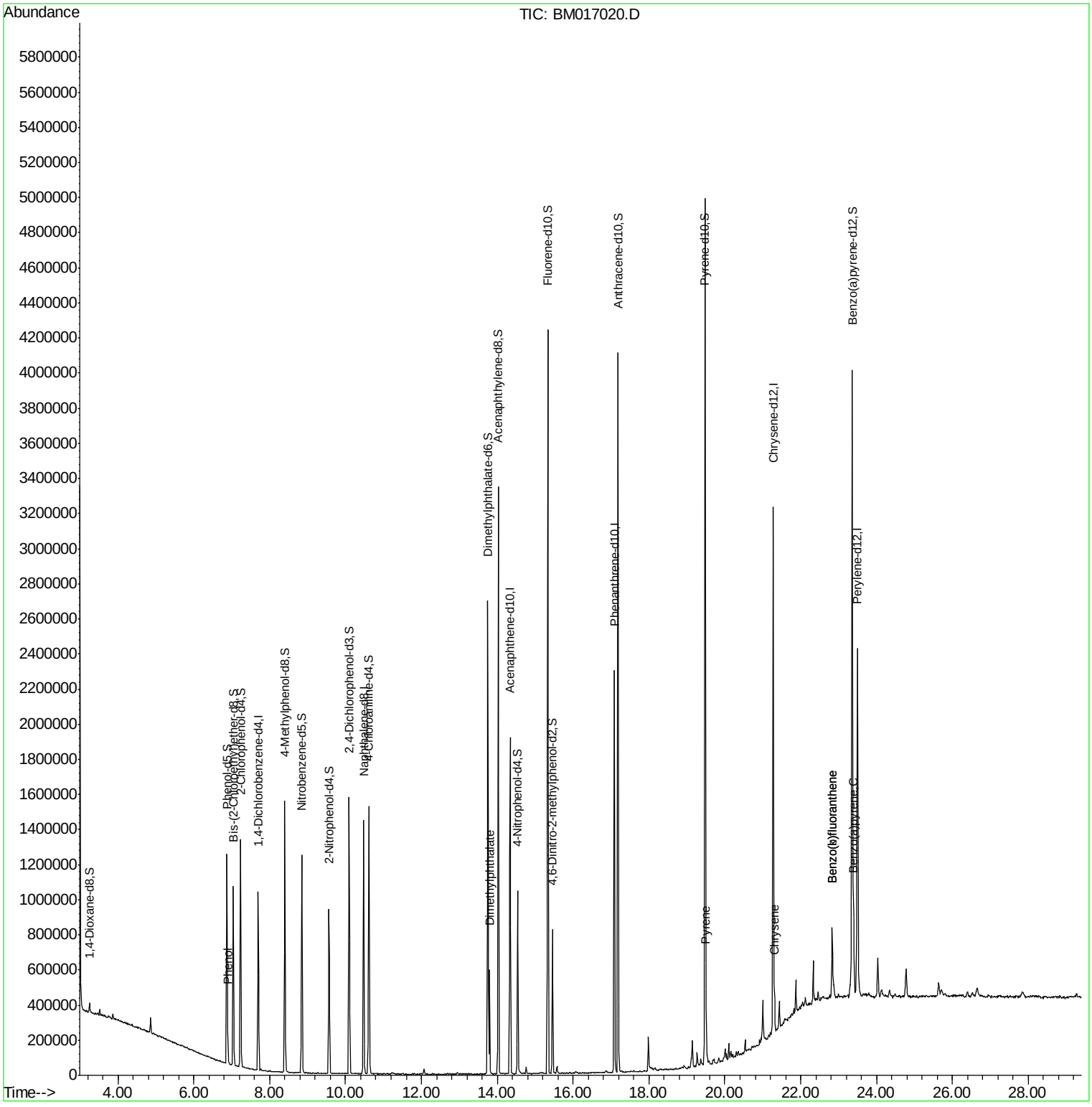
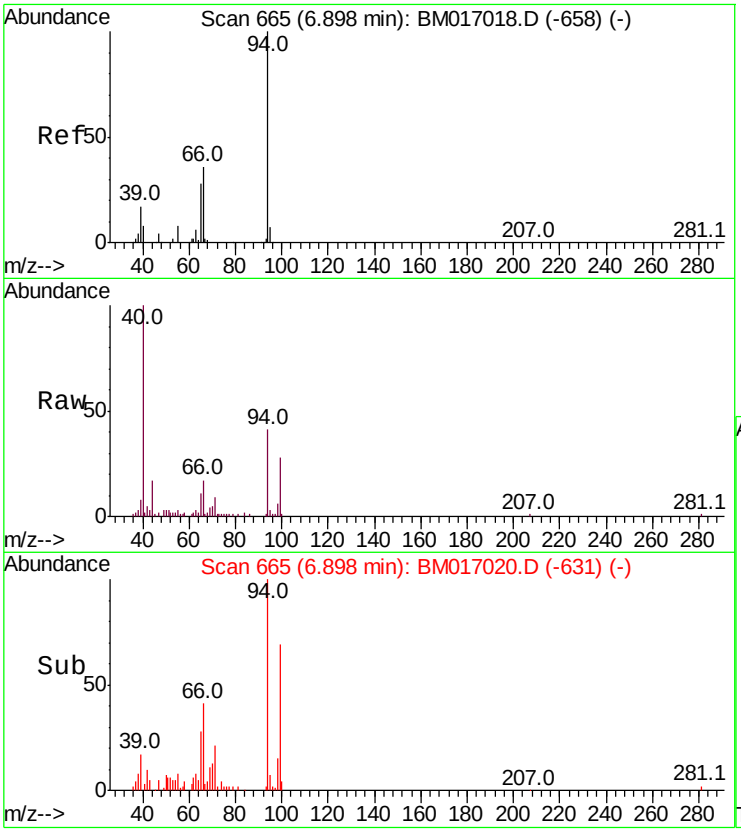


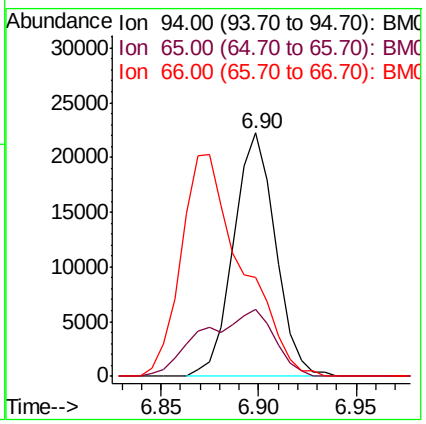


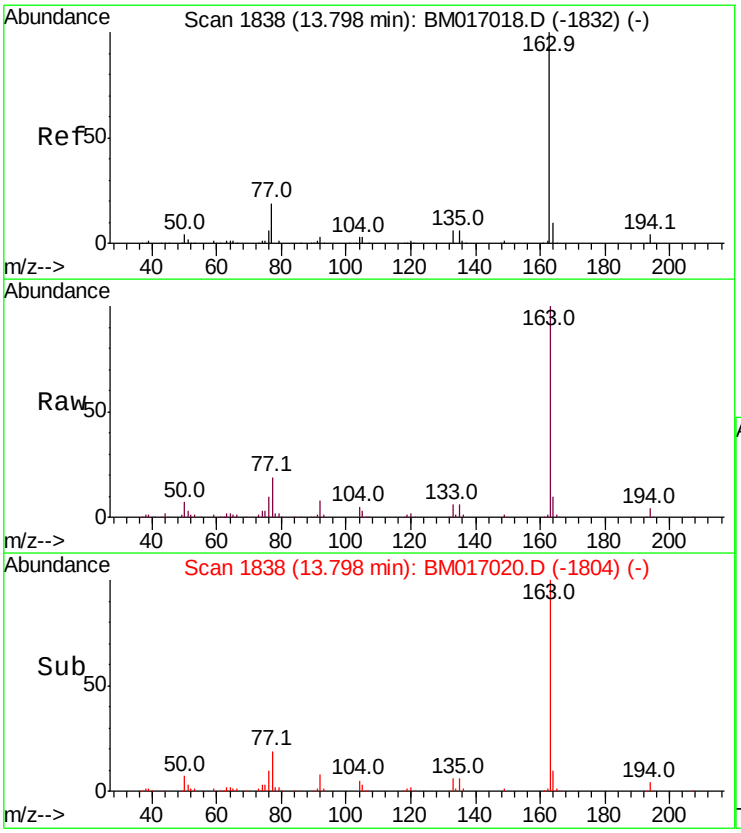

#6
Phenol
Concen: 1.483 ng/ul
RT: 6.90 min Scan# 665
Delta R.T. 0.00 min
Lab File: BM017020.D
Acq: 05 Oct 2018 03:26

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

Tgt Ion: 94 Resp: 33103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.5 | 22.8 | 34.2 |
| 66 | 40.7 | 29.5 | 44.3 |

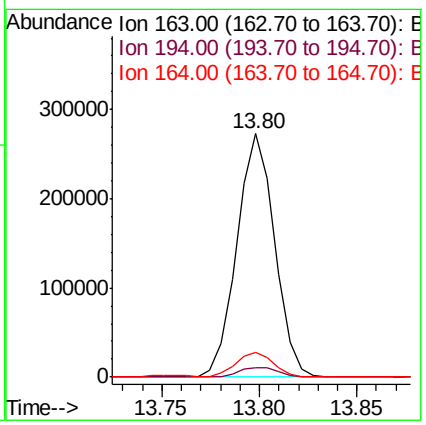


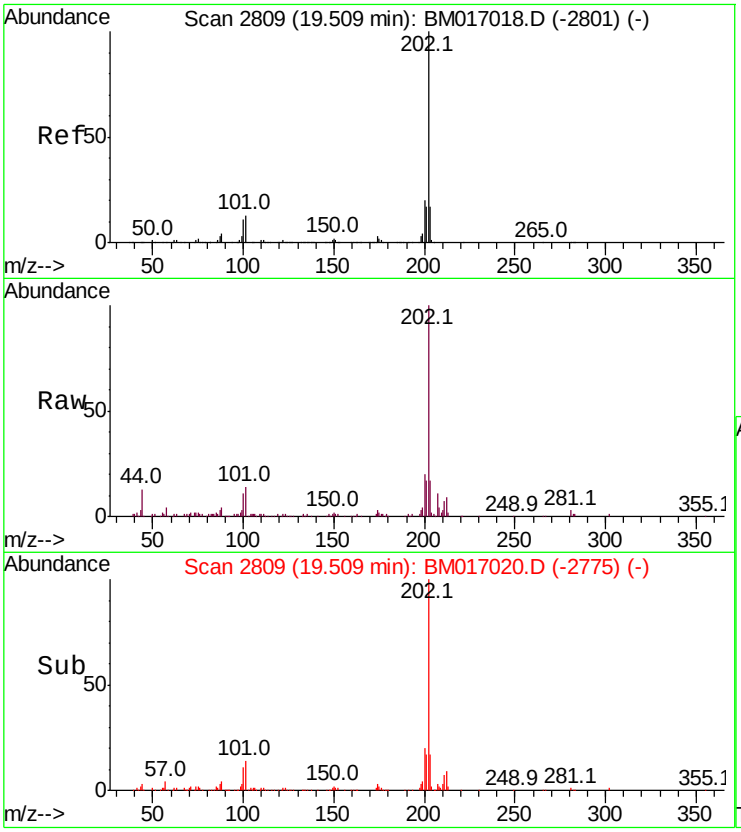




#45
Dimethylphthalate
Concen: 7.373 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BM017020.D
Acq: 05 Oct 2018 03:26

Tgt Ion:163 Resp: 365143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.3 | 8.0 | 12.0 |



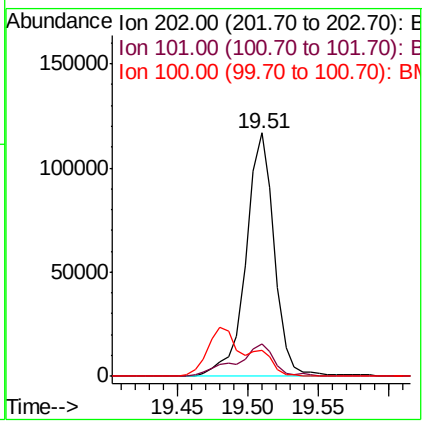


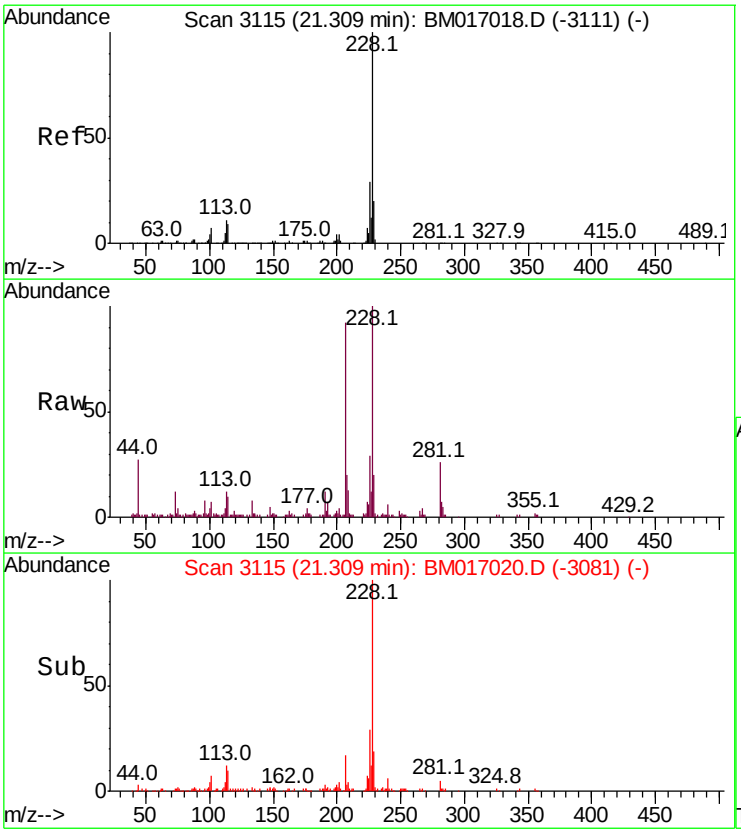

#80
Pyrene
Concen: 2.120 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BM017020.D
Acq: 05 Oct 2018 03:26

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

Tgt Ion:202 Resp: 165343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.5 | 10.8 | 16.2 |
| 100 | 10.7 | 8.9 | 13.3 |

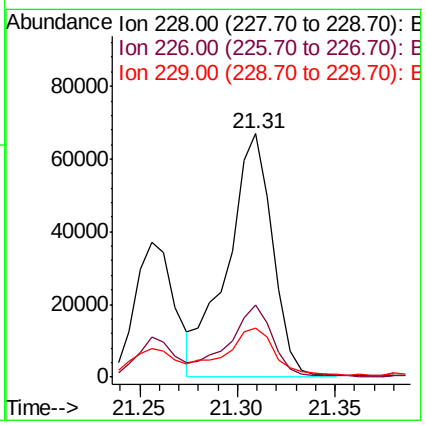


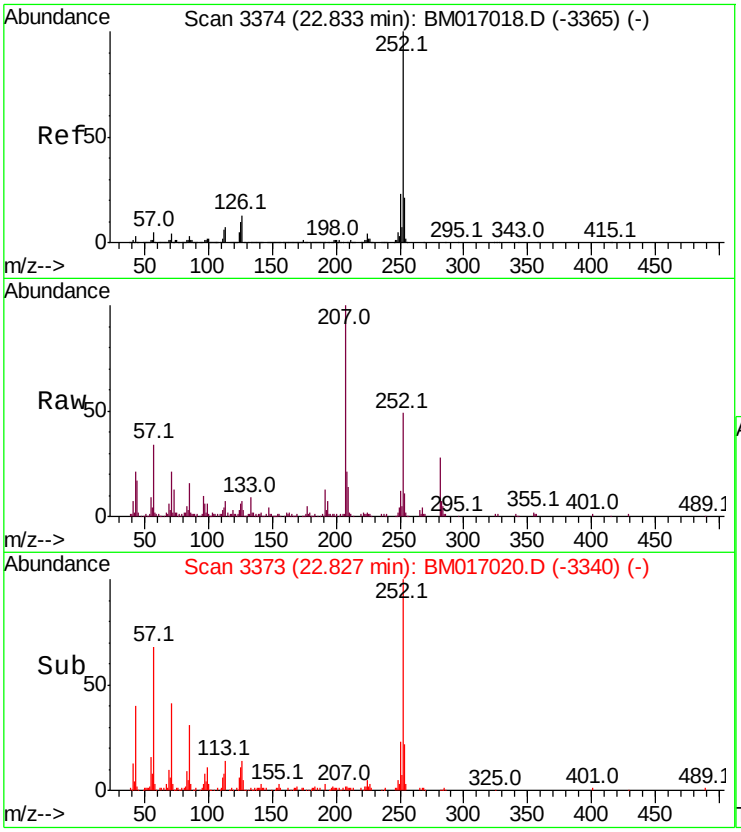




#85
Chrysene
Concen: 1.360 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM017020.D
Acq: 05 Oct 2018 03:26

Tgt Ion:228 Resp: 106203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.5 | 23.4 | 35.2 |
| 229 | 20.1 | 15.6 | 23.4 |



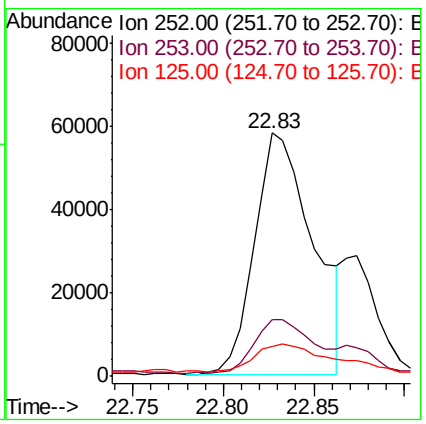


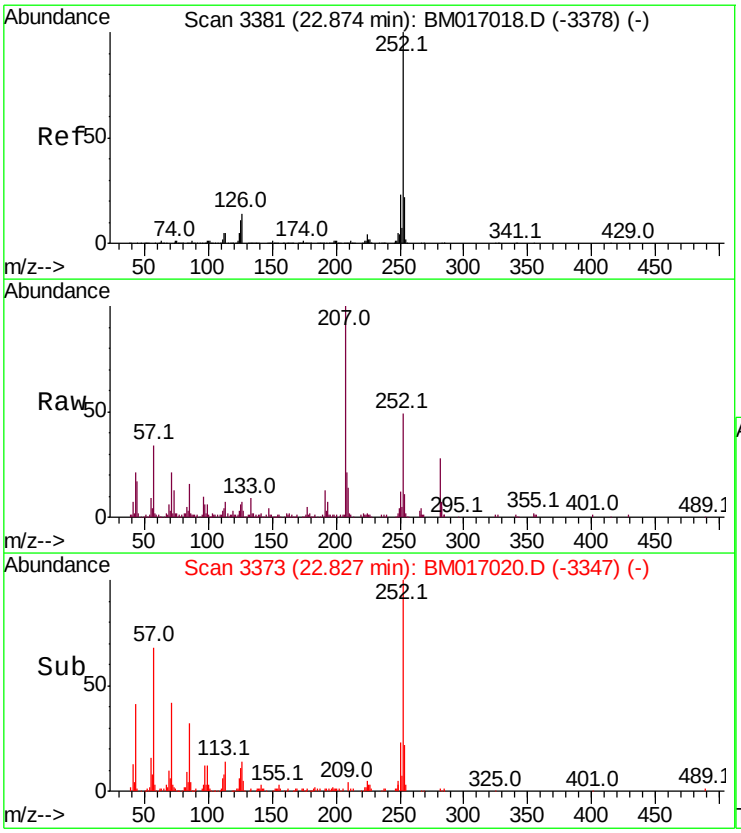

#88
Benzo(b)fluoranthene
Concen: 1.591 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM017020.D
Acq: 05 Oct 2018 03:26

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

Tgt Ion:252 Resp: 129884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.3 | 25.9 |
| 125 | 12.1 | 8.2 | 12.4 |

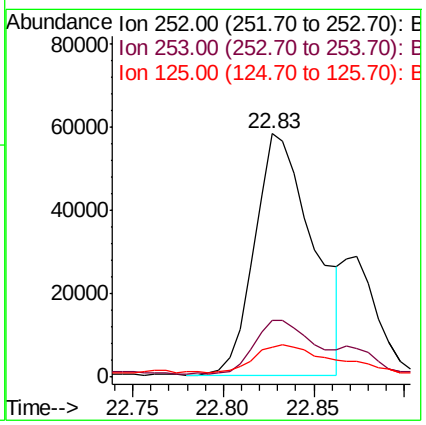


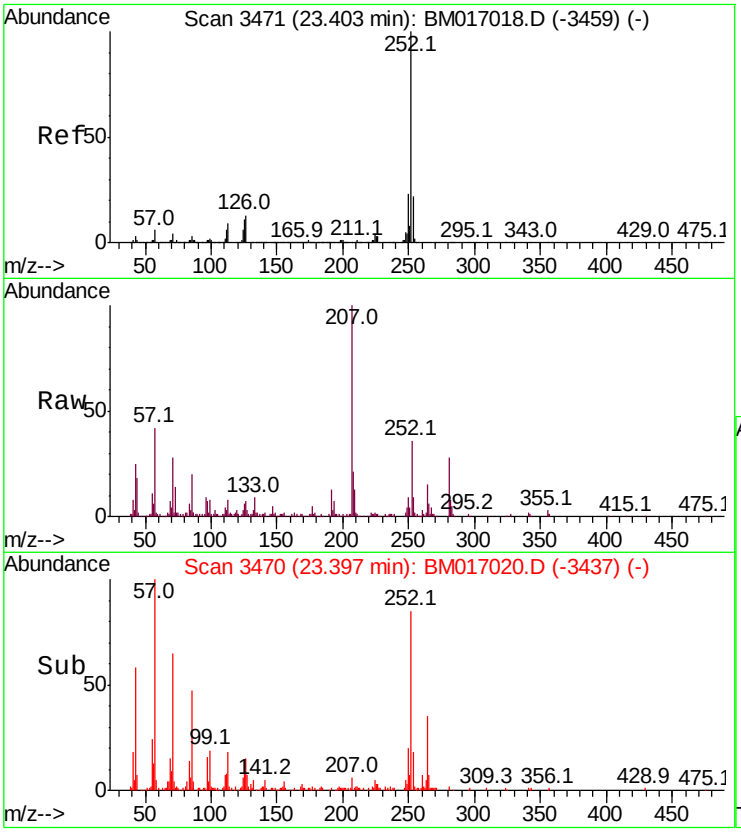




#89
Benzo(k)fluoranthene
Concen: 1.656 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM017020.D
Acq: 05 Oct 2018 03:26

Tgt Ion:252 Resp: 129884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.5 | 26.3 |
| 125 | 12.1 | 8.2 | 12.4 |






#91
Benzo(a)pyrene
Concen: 1.026 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM017020.D
Acq: 05 Oct 2018 03:26

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

Tgt Ion:252 Resp: 80736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 17.0 | 25.4 |
| 125 | 18.1 | 9.0 | 13.6# |