Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016754.D
Acq On : 14 Sep 2018 15:35
Operator : SJ/JU
Sample : J4860-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 14 23:39:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 14 23:38:05 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 220815 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.51 | 136 | 923605 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.37 | 164 | 494219 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.12 | 188 | 1127957 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.30 | 240 | 1308964 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.54 | 264 | 1385059 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 36001 | 6.97 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.90 | 99 | 703474 | 37.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 454514 | 39.41 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 598099 | 39.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 566771 | 39.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.88 | 128 | 266096 | 43.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.60 | 143 | 247605 | 44.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.13 | 165 | 537414 | 38.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.65 | 131 | 759948 | 44.90 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.79 | 166 | 1627540 | 41.01 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.06 | 160 | 2101263 | 40.99 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.56 | 143 | 221222 | 33.97 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.37 | 176 | 1479993 | 42.73 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 151188 | 32.65 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.22 | 188 | 2306046 | 42.37 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.51 | 212 | 2665099 | 41.96 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.40 | 264 | 3190058 | 44.15 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.93 | 94 | 112533 | 6.053 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.83 | 163 | 310113 | 7.996 | ng/ul# | 99 |
| 70) Phenanthrene | 17.16 | 178 | 336025 | 5.363 | ng/ul | 99 |
| 77) Fluoranthene | 19.17 | 202 | 542260 | 7.550 | ng/ul# | 90 |
| 80) Pyrene | 19.54 | 202 | 487475 | 6.065 | ng/ul# | 86 |
| 83) Benzo(a)anthracene | 21.29 | 228 | 201073 | 2.481 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 116701 | 2.498 | ng/ul | 98 |
| 85) Chrysene | 21.34 | 228 | 231646 | 3.065 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.87 | 252 | 262736 | 3.169 | ng/ul# | 92 |
| 89) Benzo(k)fluoranthene | 22.87 | 252 | 262736 | 3.300 | ng/ul# | 91 |
| 91) Benzo(a)pyrene | 23.44 | 252 | 176322 | 2.231 | ng/ul# | 92 |
| 92) Indeno(1,2,3-cd)pyrene | 25.79 | 276 | 105132 | 1.115 | ng/ul# | 91 |
| 94) Benzo(g,h,i)perylene | 26.47 | 276 | 88105 | 1.127 | ng/ul# | 86 |

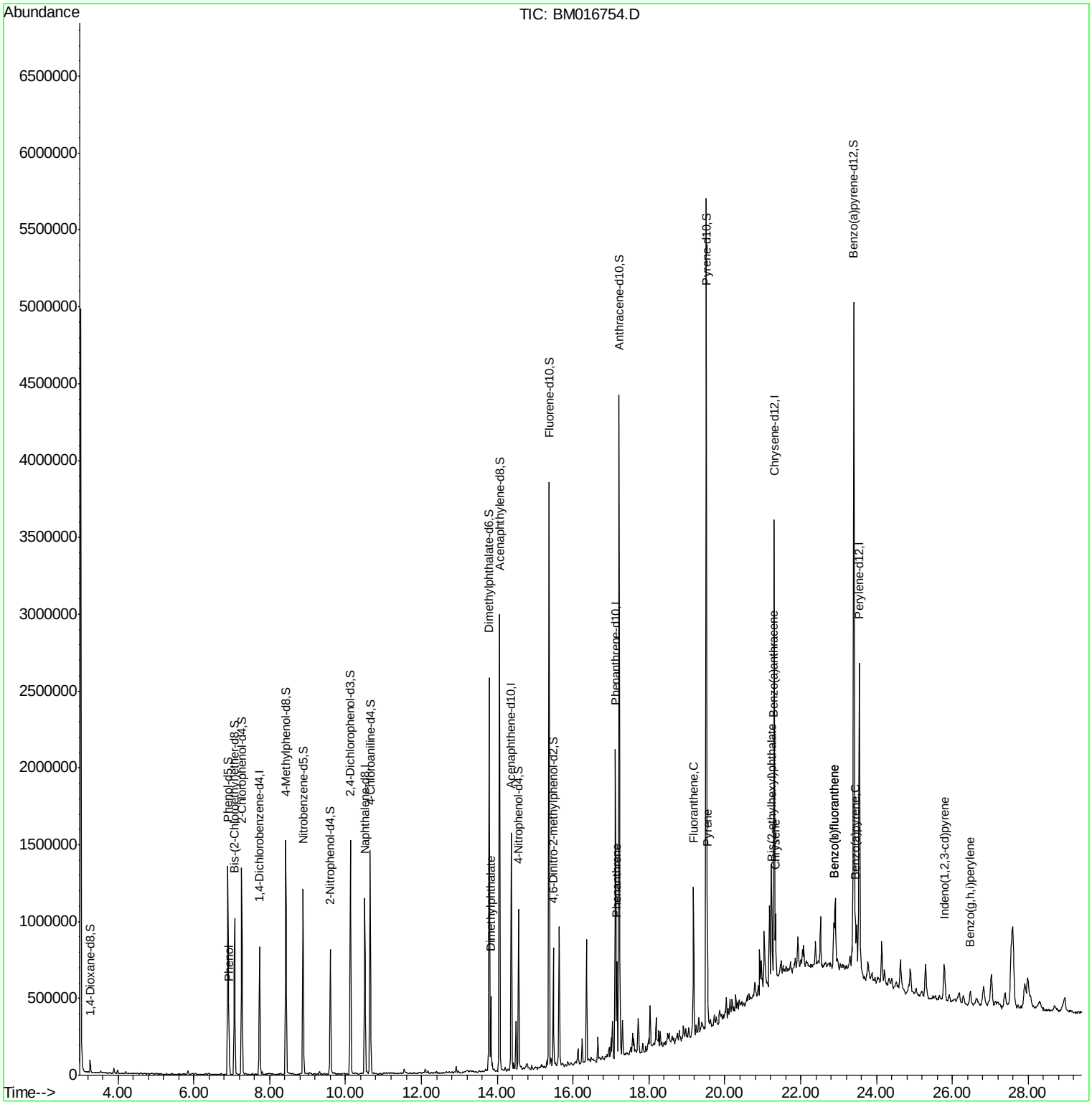
(#) = qualifier out of range (m) = manual integration (+) = signals summed

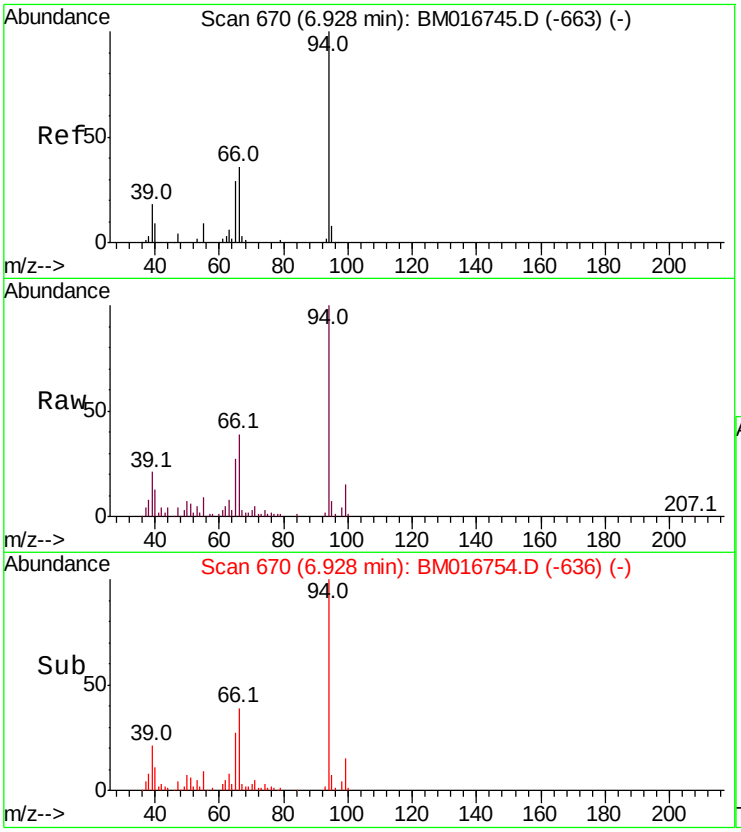
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016754.D
Acq On : 14 Sep 2018 15:35
Operator : SJ/JU
Sample : J4860-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 14 23:39:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 14 23:38:05 2018
Response via : Initial Calibration



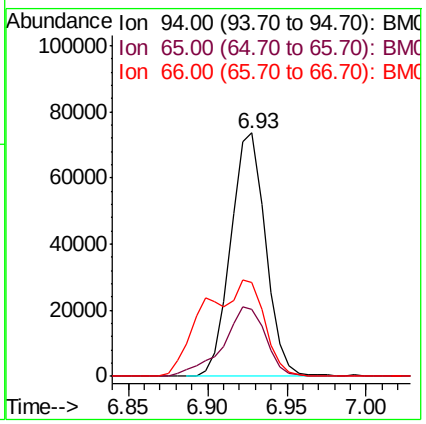


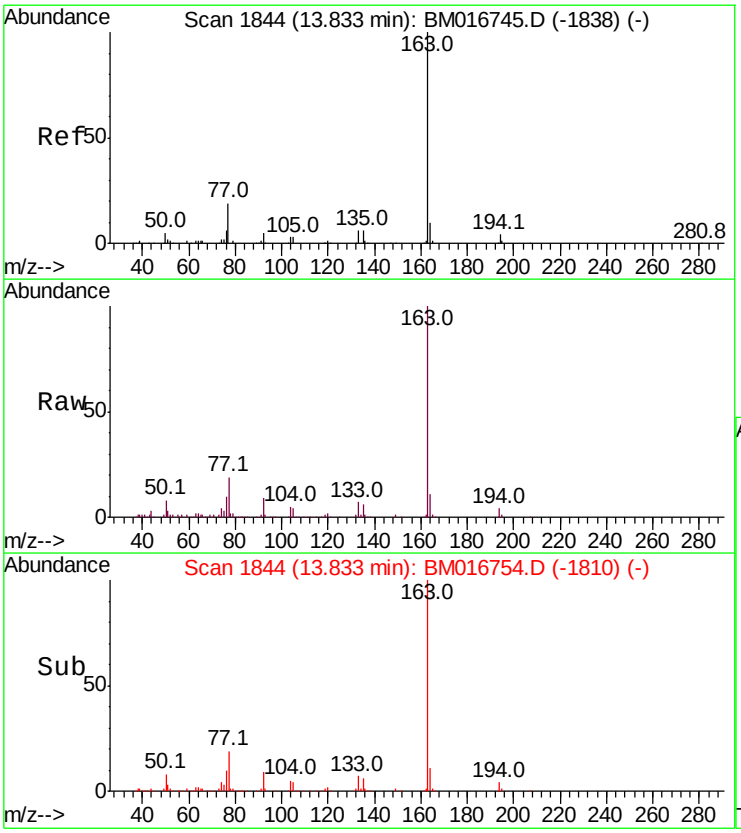

#6
Phenol
Concen: 6.053 ng/ul
RT: 6.93 min Scan# 670
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

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

Tgt Ion: 94 Resp: 112533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.4 | 23.0 | 34.6 |
| 66 | 38.8 | 30.4 | 45.6 |

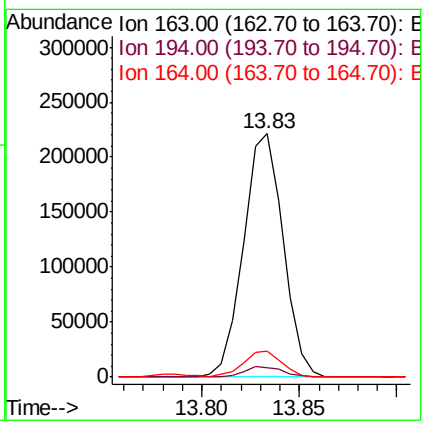


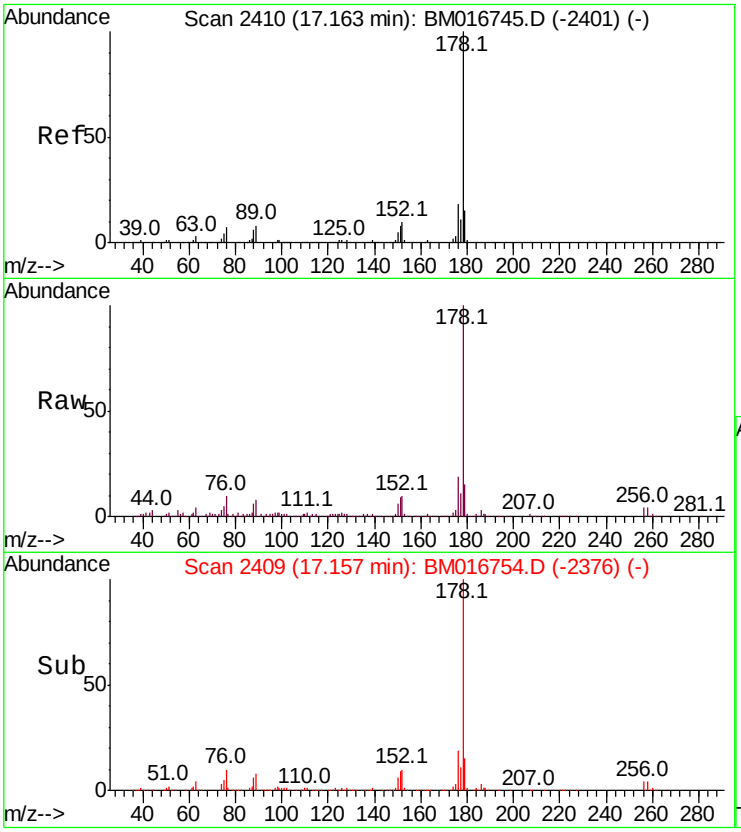




#45
Dimethylphthalate
Concen: 7.996 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion:163 Resp: 310113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 4.0 | 6.0# |
| 164 | 10.5 | 8.4 | 12.6 |



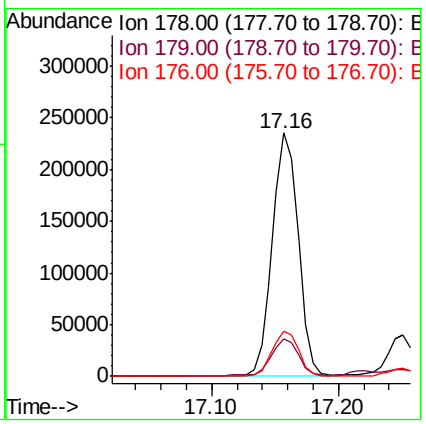


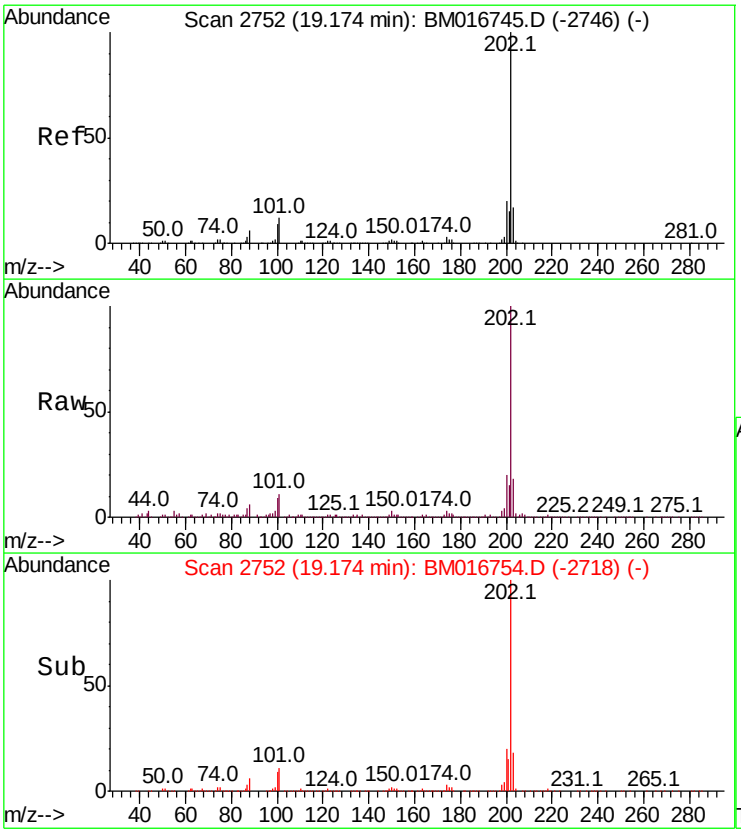

#70
Phenanthrene
Concen: 5.363 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

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

Tgt Ion:178 Resp: 336025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.3 | 12.3 | 18.5 |
| 176 | 18.8 | 15.4 | 23.0 |

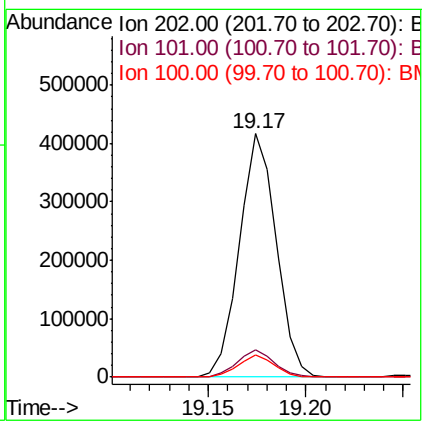


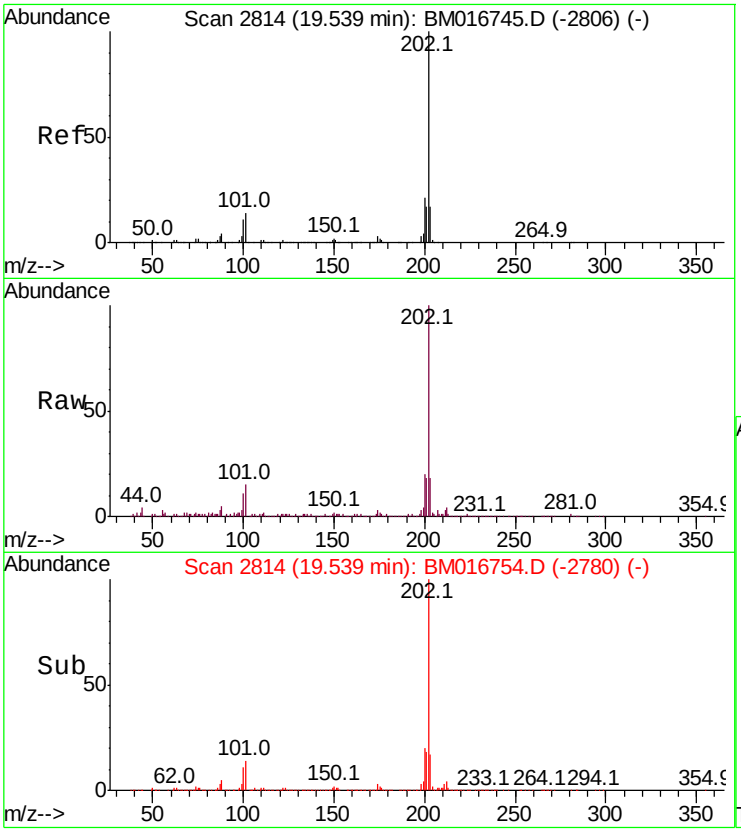




#77
Fluoranthene
Concen: 7.550 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion:202 Resp: 542260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.1 | 6.1 | 9.1# |
| 100 | 9.0 | 4.6 | 7.0# |



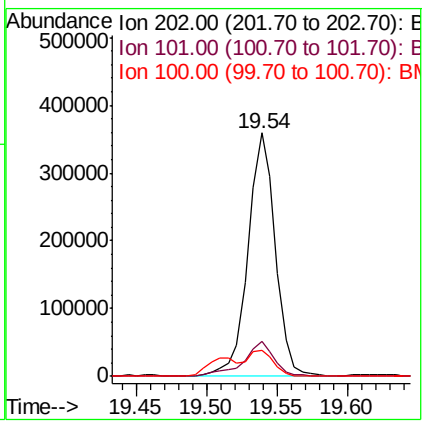


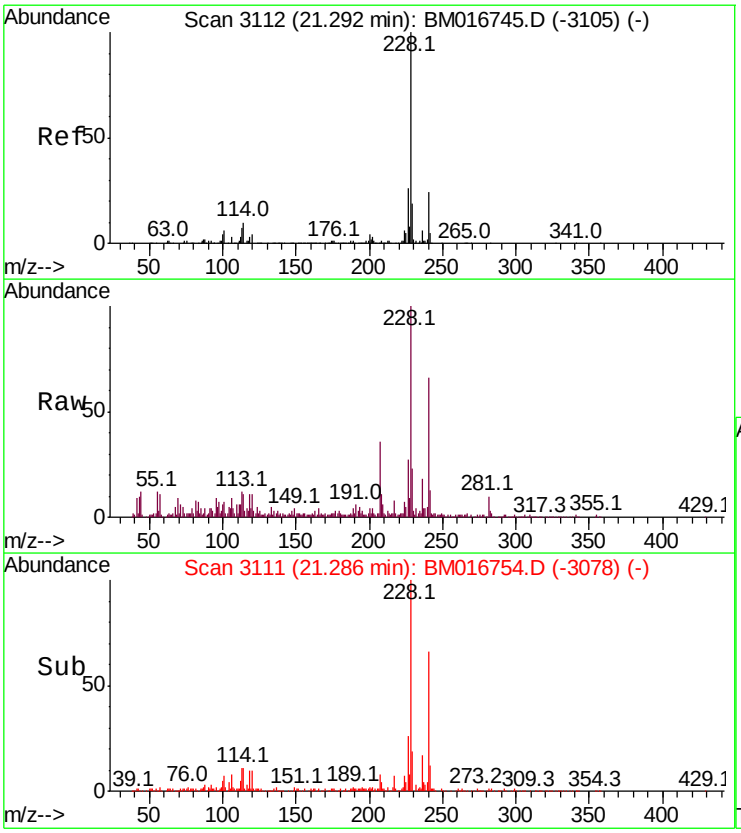

#80
Pyrene
Concen: 6.065 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

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

Tgt Ion:202 Resp: 487475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.5 | 6.9 | 10.3# |
| 100 | 10.8 | 5.6 | 8.4# |

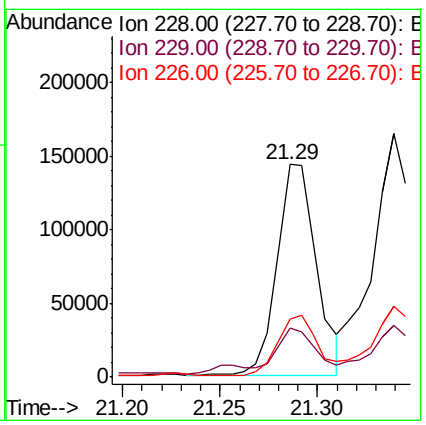


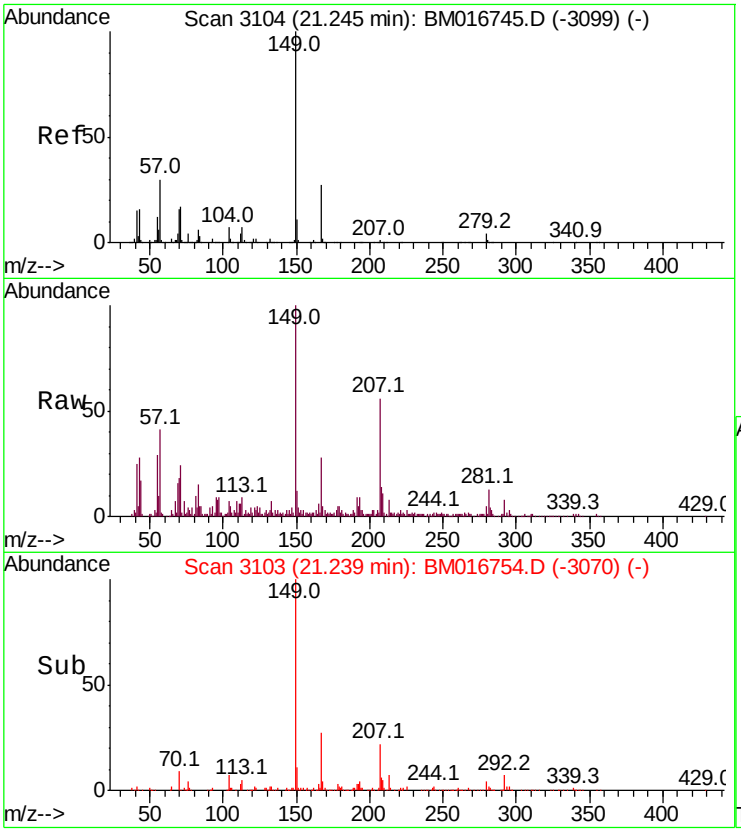




#83
Benzo(a)anthracene
Concen: 2.481 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion:228 Resp: 201073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 22.9 | 16.0 | 24.0 |
| 226 | 27.1 | 21.8 | 32.8 |



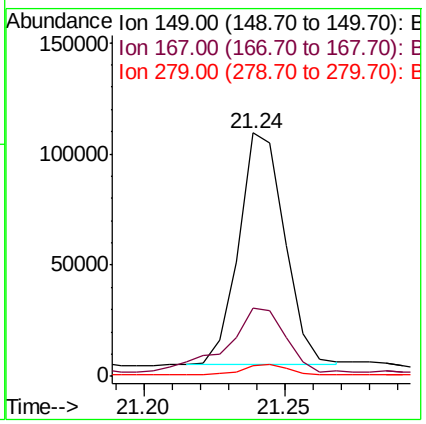


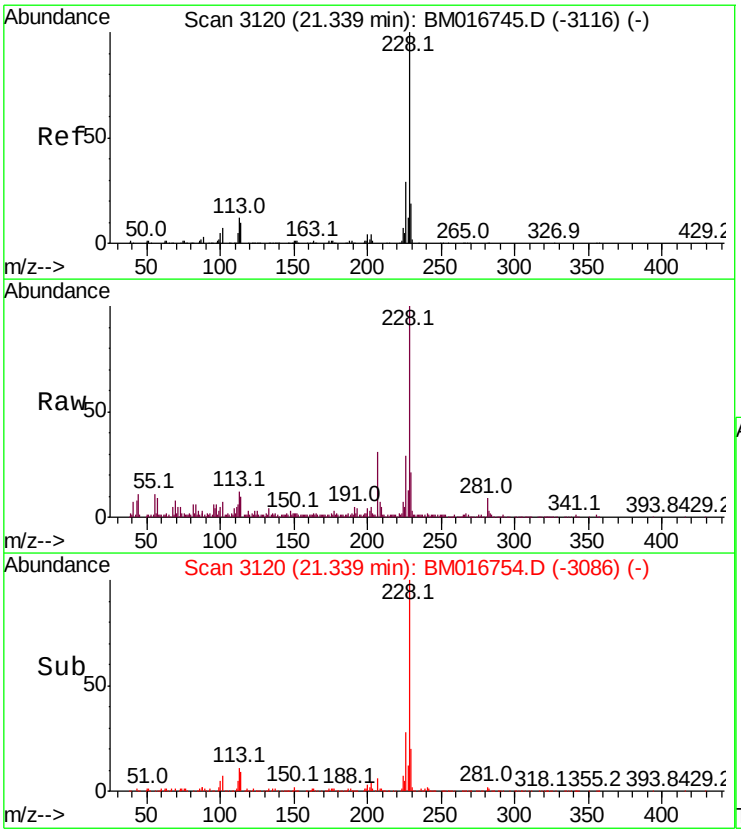

#84
Bis(2-ethylhexyl)phthalate
Concen: 2.498 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

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

Tgt Ion:149 Resp: 116701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 23.0 | 34.6 |
| 279 | 4.6 | 4.3 | 6.5 |

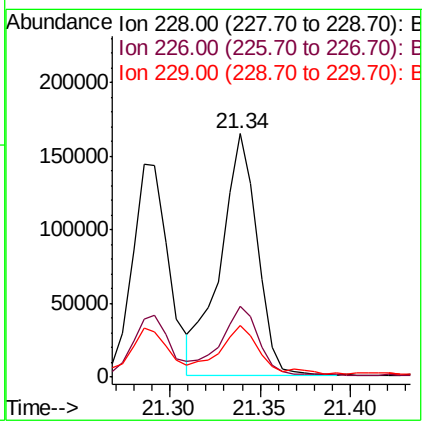


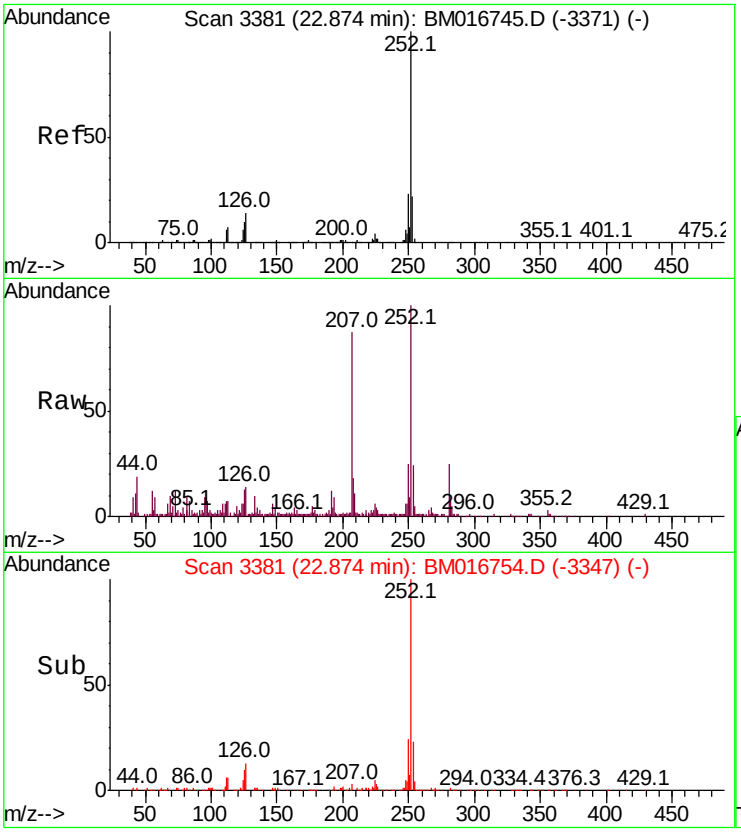




#85
Chrysene
Concen: 3.065 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion:228 Resp: 231646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 24.1 | 36.1 |
| 229 | 21.4 | 16.0 | 24.0 |



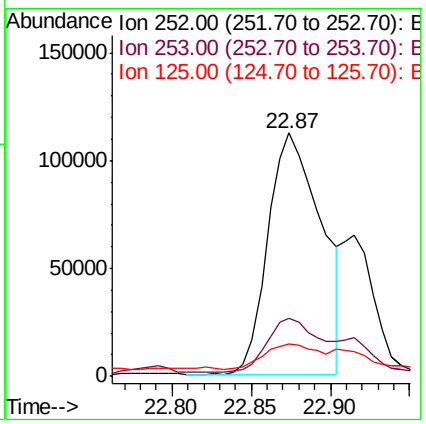


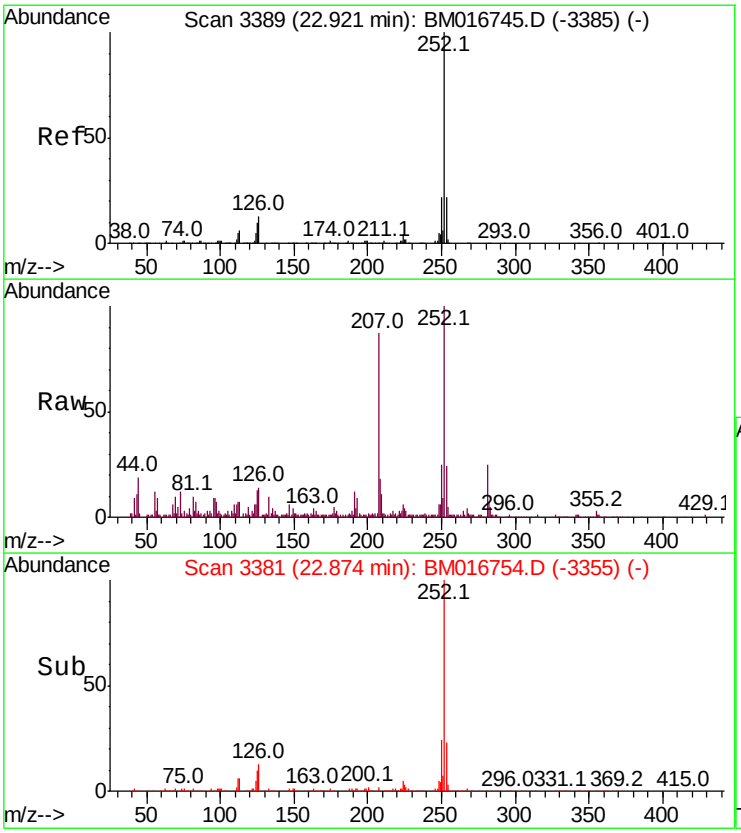

#88
Benzo(b)fluoranthene
Concen: 3.169 ng/ul
RT: 22.87 min Scan# 3381
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

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

Tgt Ion:252 Resp: 262736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.4 | 26.0 |
| 125 | 13.3 | 4.9 | 7.3# |

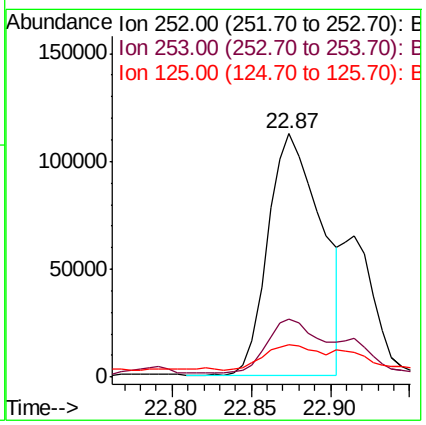


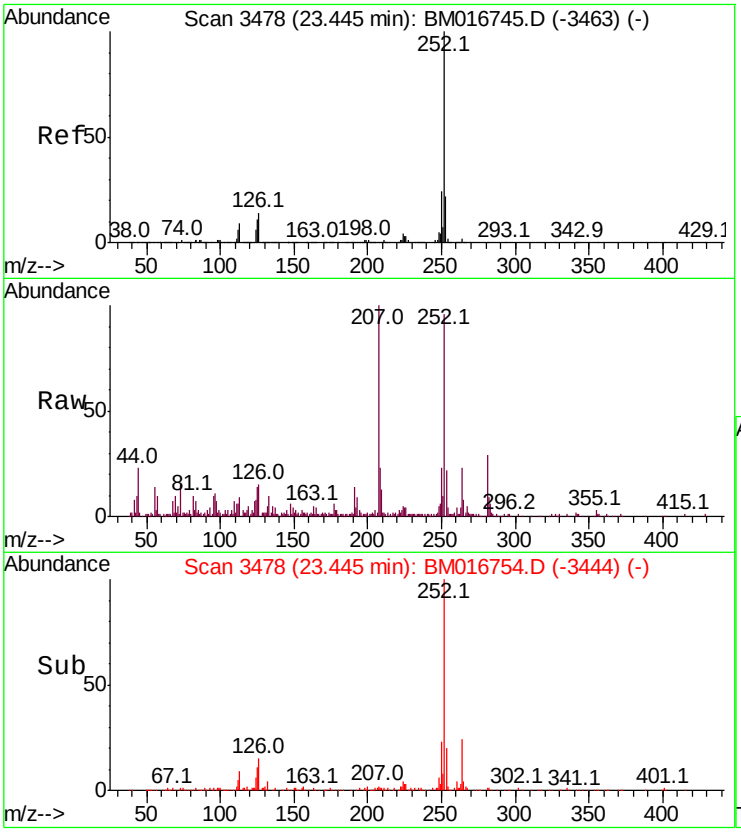




#89
Benzo(k)fluoranthene
Concen: 3.300 ng/ul
RT: 22.87 min Scan# 3381
Delta R.T. -0.05 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion:252 Resp: 262736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.0 | 17.1 | 25.7 |
| 125 | 13.3 | 5.4 | 8.0# |



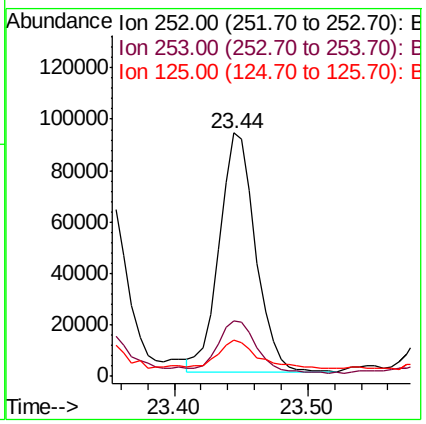


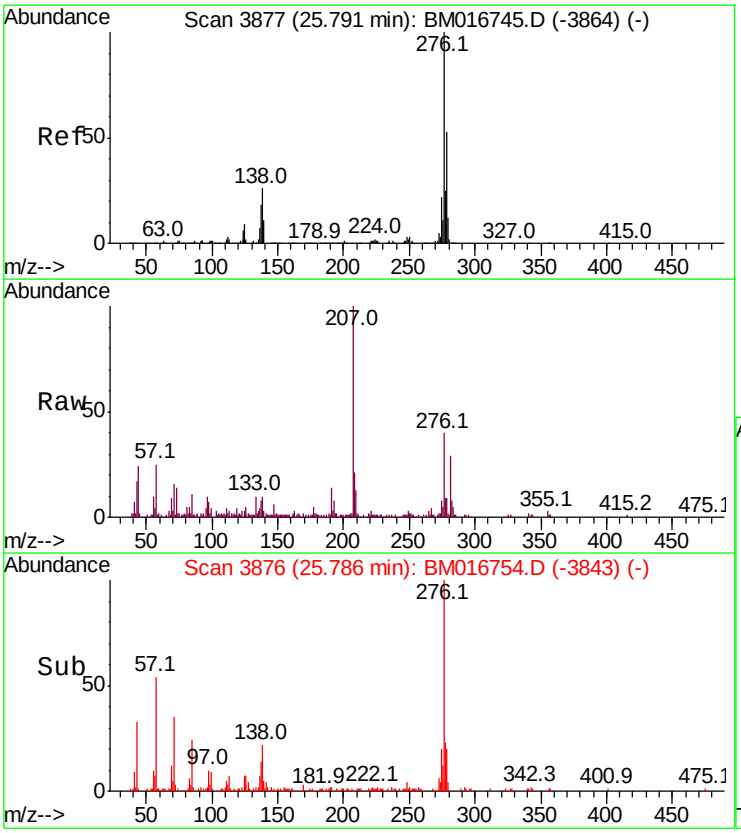

#91
Benzo(a)pyrene
Concen: 2.231 ng/ul
RT: 23.44 min Scan# 3478
Delta R.T. 0.00 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

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

Tgt Ion:252 Resp: 176322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.2 | 25.8 |
| 125 | 14.8 | 5.8 | 8.6# |

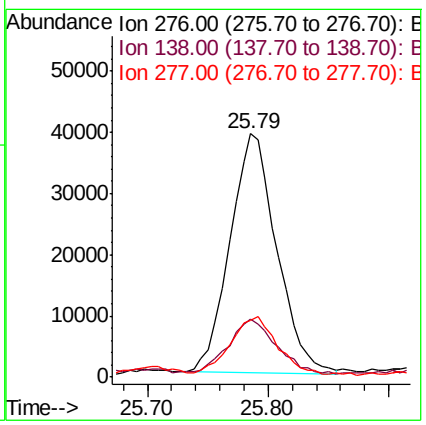


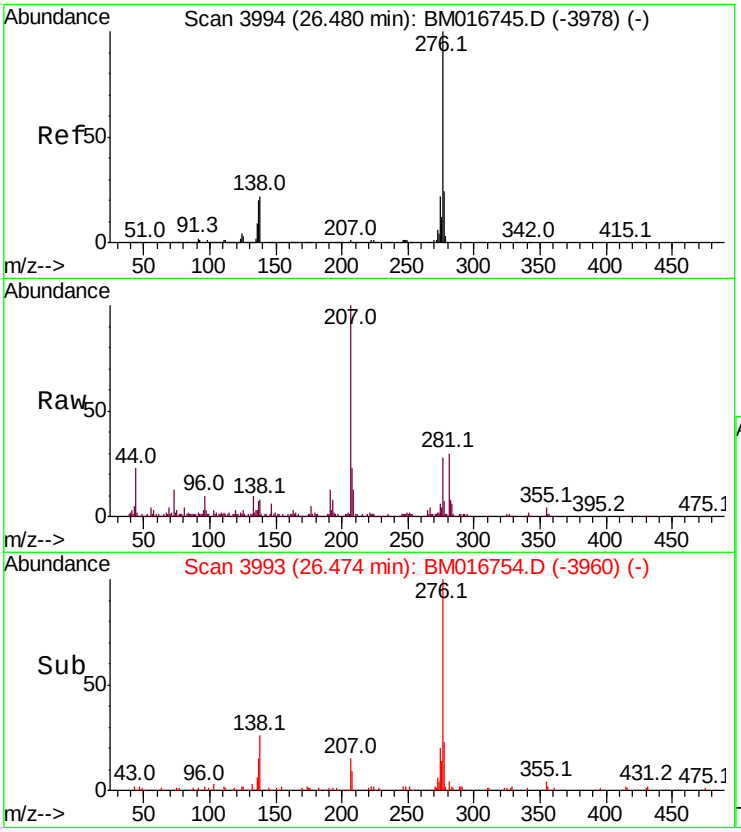




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.115 ng/ul
RT: 25.79 min Scan# 3876
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

Tgt Ion:276 Resp: 105132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.6 | 10.9 | 16.3# |
| 277 | 23.4 | 18.9 | 28.3 |






#94
Benzo(g,h,i)perylene
Concen: 1.127 ng/ul
RT: 26.47 min Scan# 3993
Delta R.T. -0.01 min
Lab File: BM016754.D
Acq: 14 Sep 2018 15:35

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

Tgt Ion:276 Resp: 88105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.9 | 11.2 | 16.8# |
| 277 | 24.5 | 19.0 | 28.6 |