Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFM69

Quant Time: Aug 14 03:18:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 134867 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.41 | 136 | 549982 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.27 | 164 | 339523 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 704937 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.21 | 240 | 706256 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.41 | 264 | 707957 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 11847 | 3.99 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 316084 | 30.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.98 | 67 | 200991 | 27.98 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 229405 | 27.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.35 | 113 | 219158 | 26.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 115119 | 26.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 128369 | 28.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.04 | 165 | 262837 | 27.68 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 230341 | 20.87 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.69 | 166 | 768820 | 28.40 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.96 | 160 | 962072 | 29.82 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.47 | 143 | 113952 | 24.93 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.27 | 176 | 651990 | 27.63 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 71822 | 18.65 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.12 | 188 | 1003312 | 28.89 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 1088997 | 30.92 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.27 | 264 | 1191611 | 30.15 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.85 | 94 | 22366 | 2.023 | ng/ul | 91 |
| 45) Dimethylphthalate | 13.73 | 163 | 112168 | 3.953 | ng/ul | 100 |
| 48) Acenaphthylene | 13.99 | 152 | 85965 | 2.621 | ng/ul# | 96 |
| 70) Phenanthrene | 17.06 | 178 | 474630 | 11.231 | ng/ul | 99 |
| 72) Anthracene | 17.15 | 178 | 96649 | 2.248 | ng/ul | 99 |
| 75) Carbazole | 17.42 | 167 | 40915 | 1.127 | ng/ul | 97 |
| 77) Fluoranthene | 19.08 | 202 | 1145144 | 22.346 | ng/ul | 100 |
| 80) Pyrene | 19.44 | 202 | 1139698 | 23.774 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.25 | 228 | 685754 | 14.423 | ng/ul | 93 |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 104605 | 3.930 | ng/ul | 99 |
| 85) Chrysene | 21.25 | 228 | 685182 | 14.682 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 1015985 | 20.667 | ng/ul | 97 |
| 89) Benzo(k)fluoranthene | 22.76 | 252 | 1015985 | 20.853 | ng/ul | 95 |
| 91) Benzo(a)pyrene | 23.31 | 252 | 695611 | 15.548 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 492647 | 8.546 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.61 | 278 | 135190 | 2.769 | ng/ul# | 81 |
| 94) Benzo(g,h,i)perylene | 26.28 | 276 | 383300 | 8.050 | ng/ul | 99 |

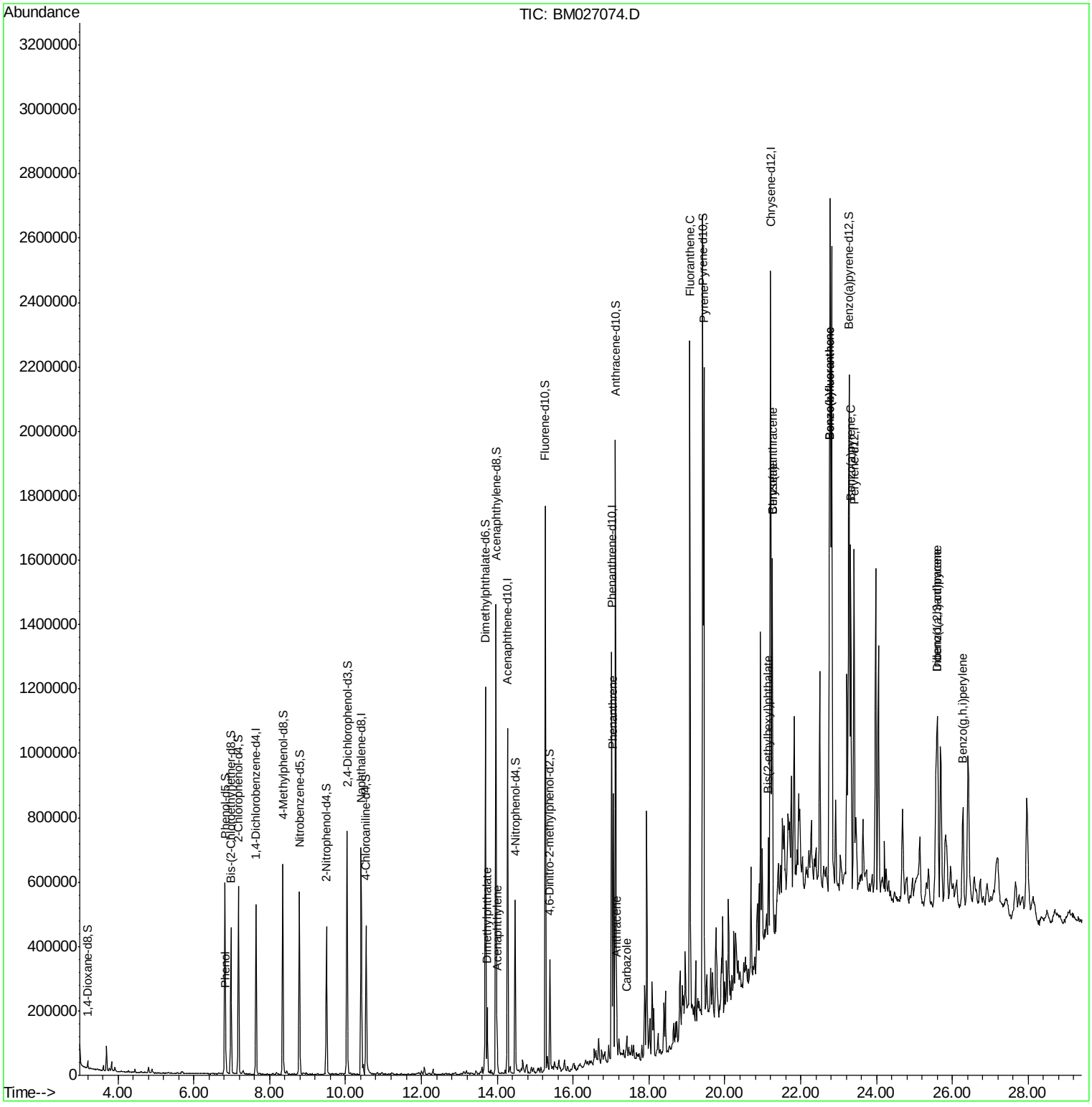
(#) = qualifier out of range (m) = manual integration (+) = signals summed

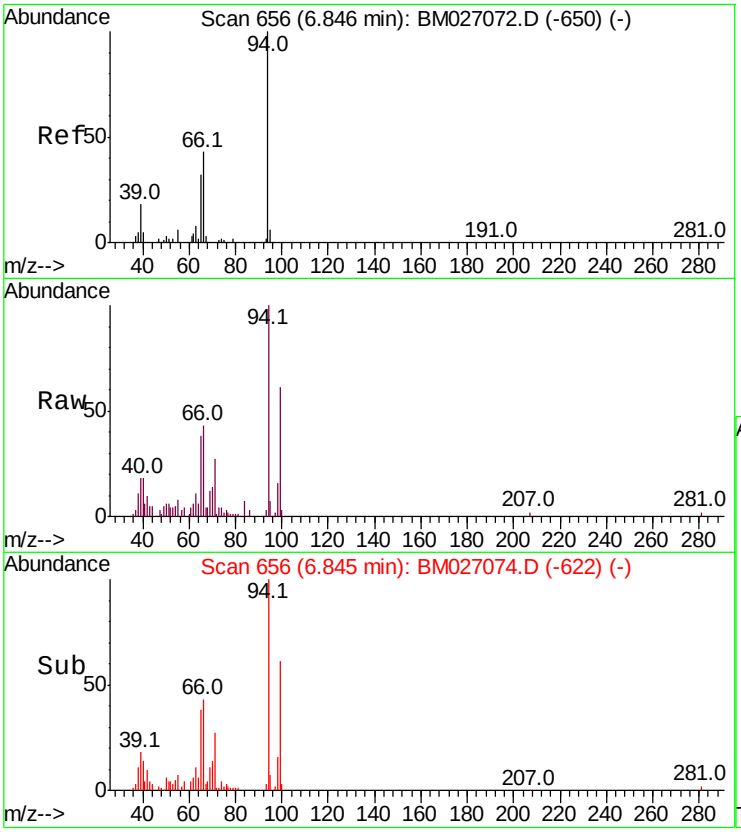
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFM69

Quant Time: Aug 14 03:18:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration



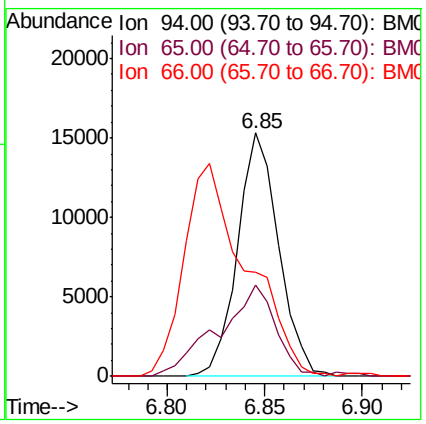


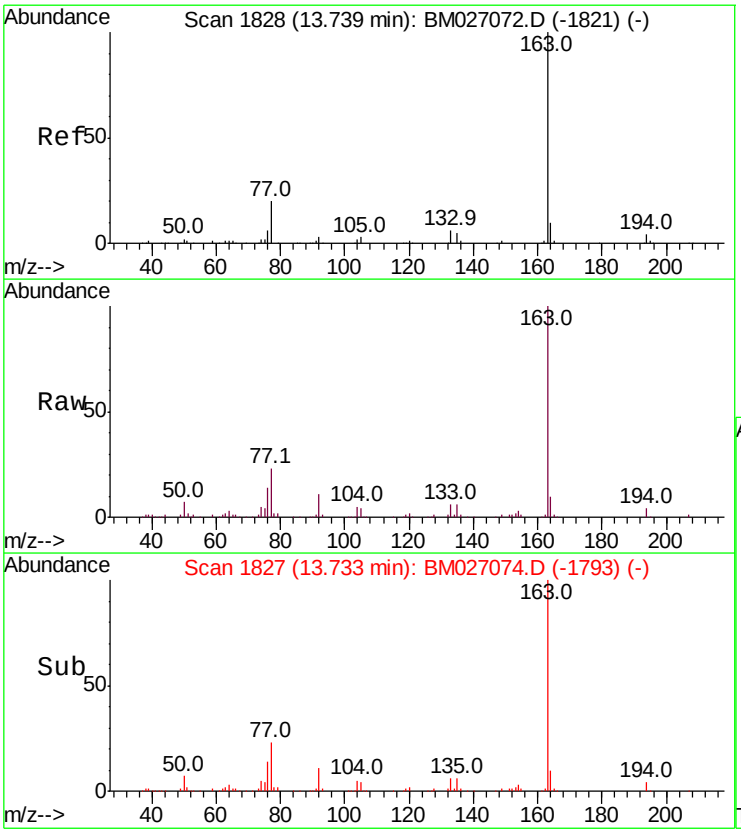

#6
Phenol
Concen: 2.023 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion: 94 Resp: 22366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.6 | 28.6 | 43.0 |
| 66 | 42.9 | 41.3 | 61.9 |

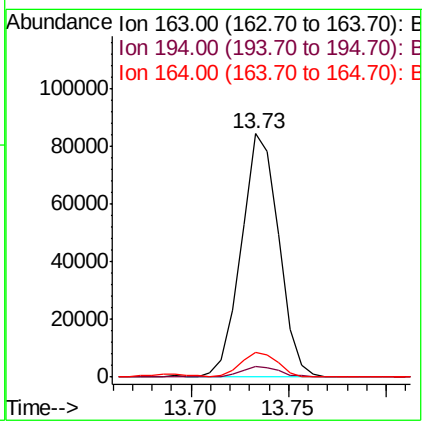


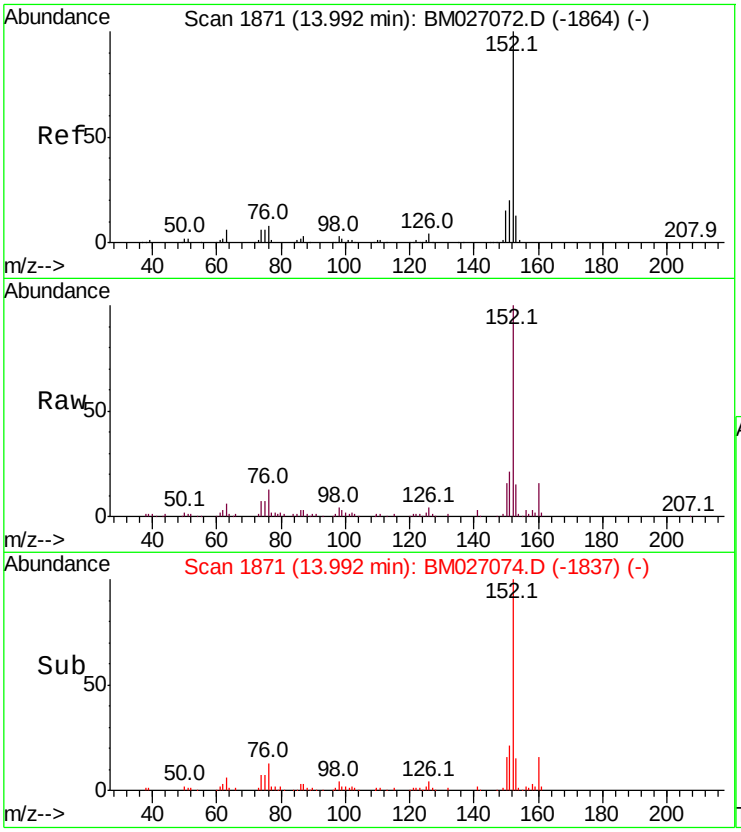




#45
Dimethylphthalate
Concen: 3.953 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:163 Resp: 112168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.2 | 4.8 |
| 164 | 10.2 | 8.2 | 12.2 |



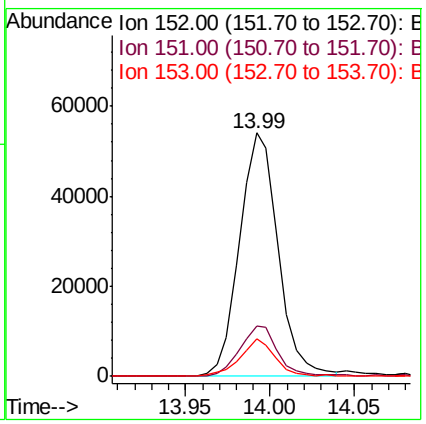


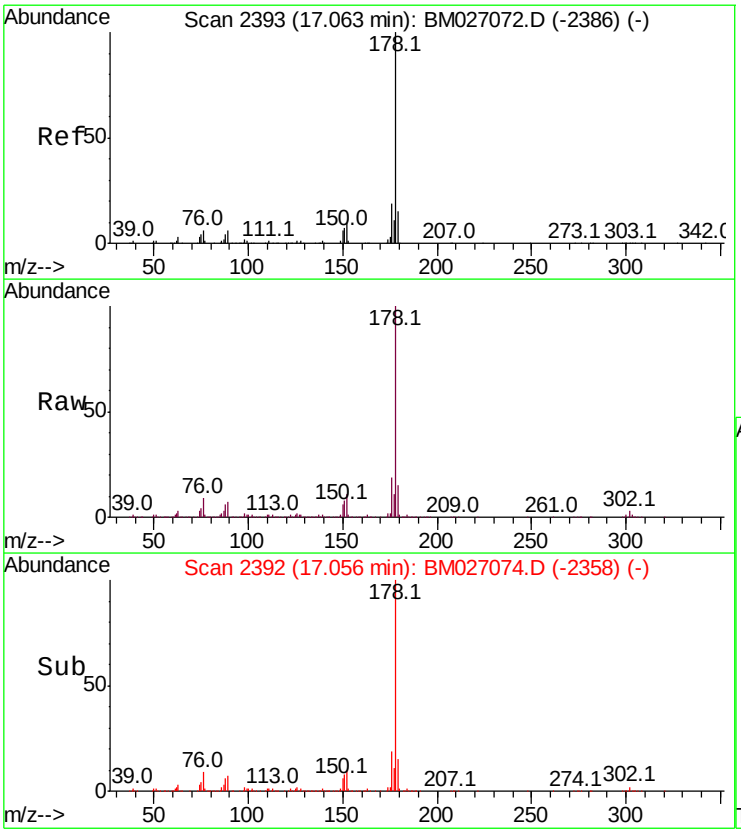

#48
Acenaphthylene
Concen: 2.621 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:152 Resp: 85965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 15.9 | 23.9 |
| 153 | 15.3 | 9.8 | 14.8# |

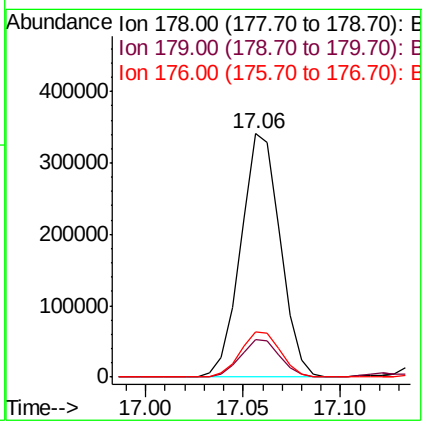


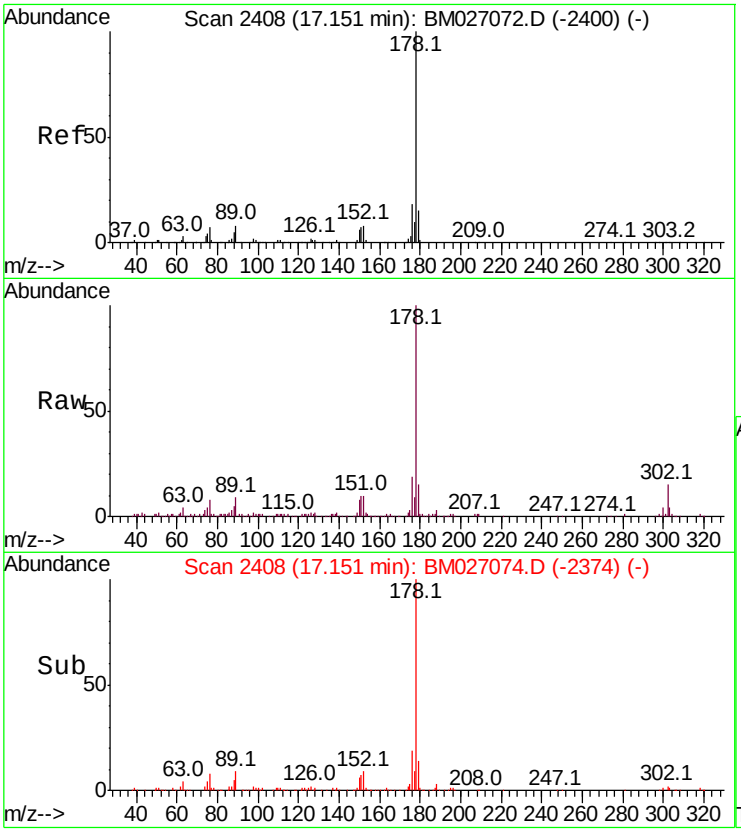




#70
Phenanthrene
Concen: 11.231 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:178 Resp: 474630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.2 | 11.9 | 17.9 |
| 176 | 18.5 | 14.6 | 22.0 |



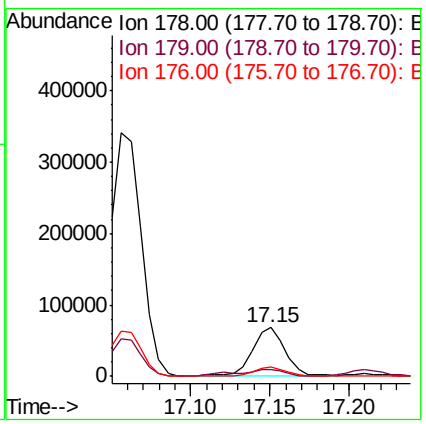


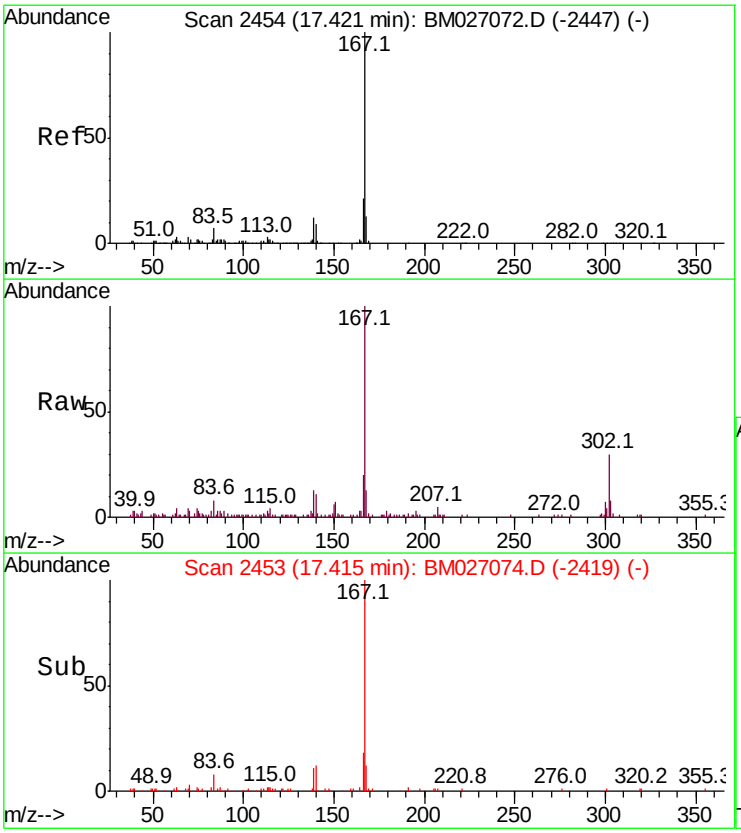

#72
Anthracene
Concen: 2.248 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:178 Resp: 96649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 14.8 | 12.0 | 18.0 |
| 176 | 18.8 | 14.3 | 21.5 |

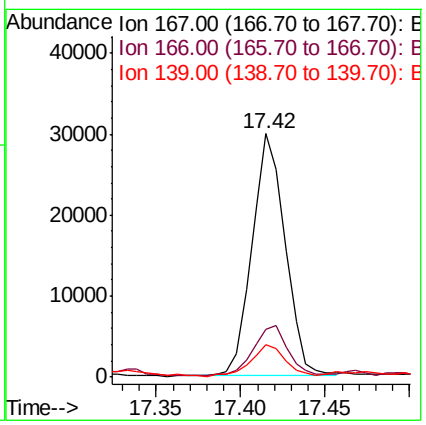


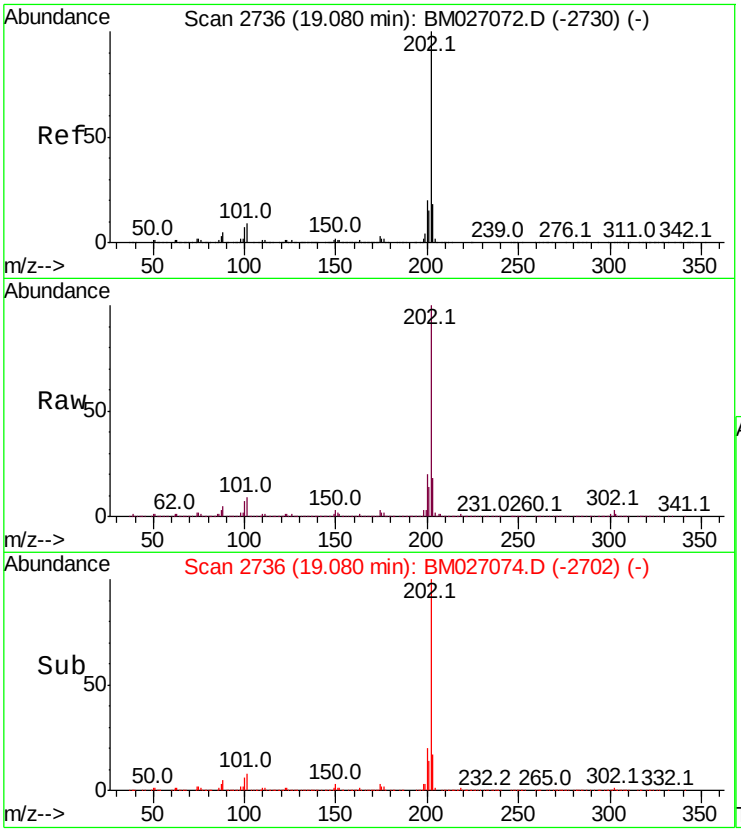




#75
Carbazole
Concen: 1.127 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:167 Resp: 40915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 19.6 | 17.0 | 25.6 |
| 139 | 13.2 | 9.8 | 14.6 |



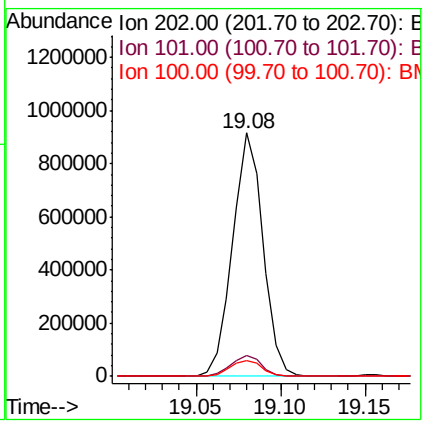


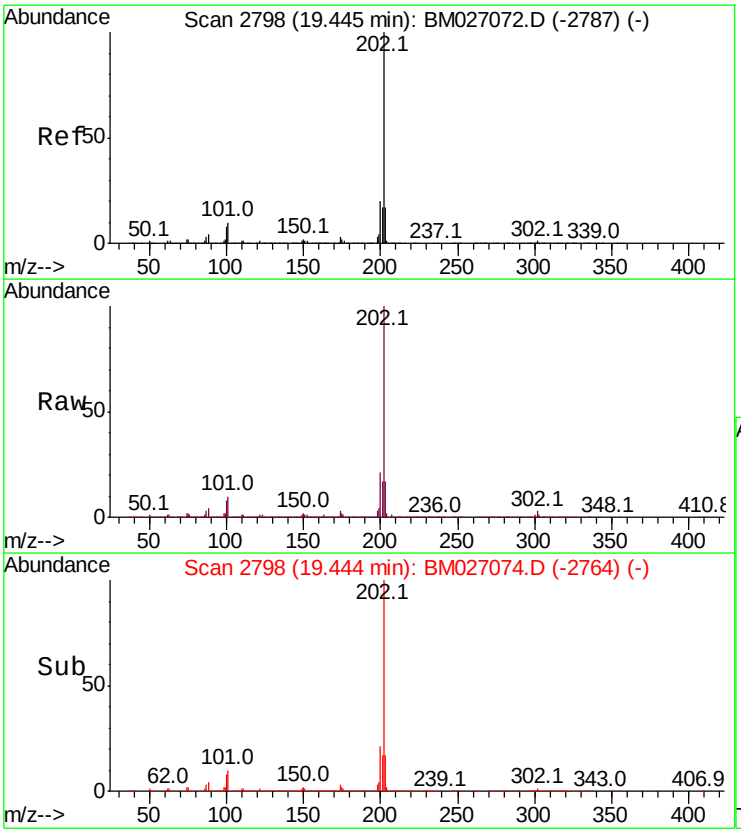

#77
Fluoranthene
Concen: 22.346 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:202 Resp: 1145144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.5 | 6.7 | 10.1 |
| 100 | 6.6 | 5.4 | 8.2 |

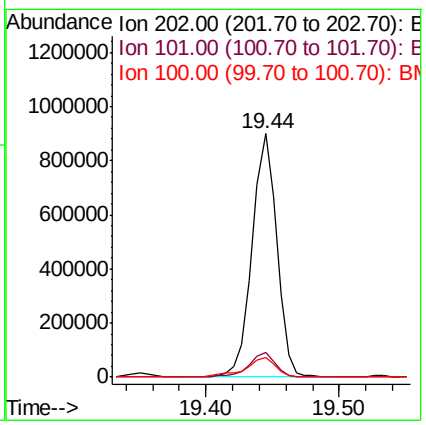


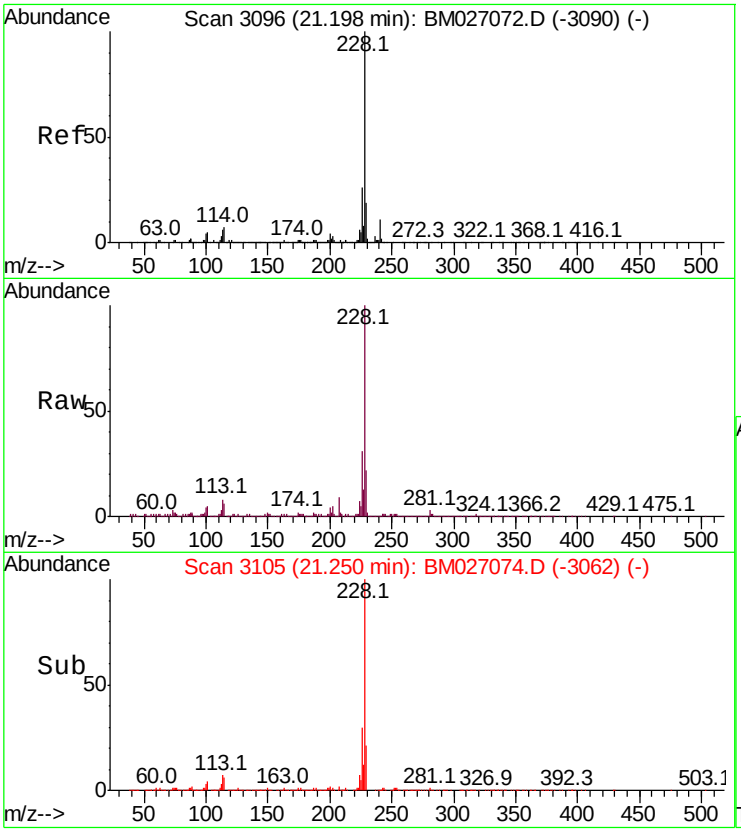




#80
Pyrene
Concen: 23.774 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:202 Resp: 1139698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 7.6 | 11.4 |
| 100 | 8.2 | 6.3 | 9.5 |



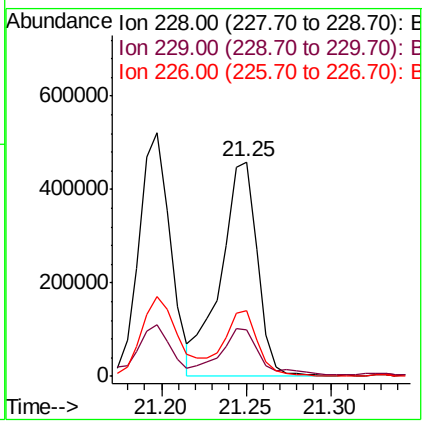


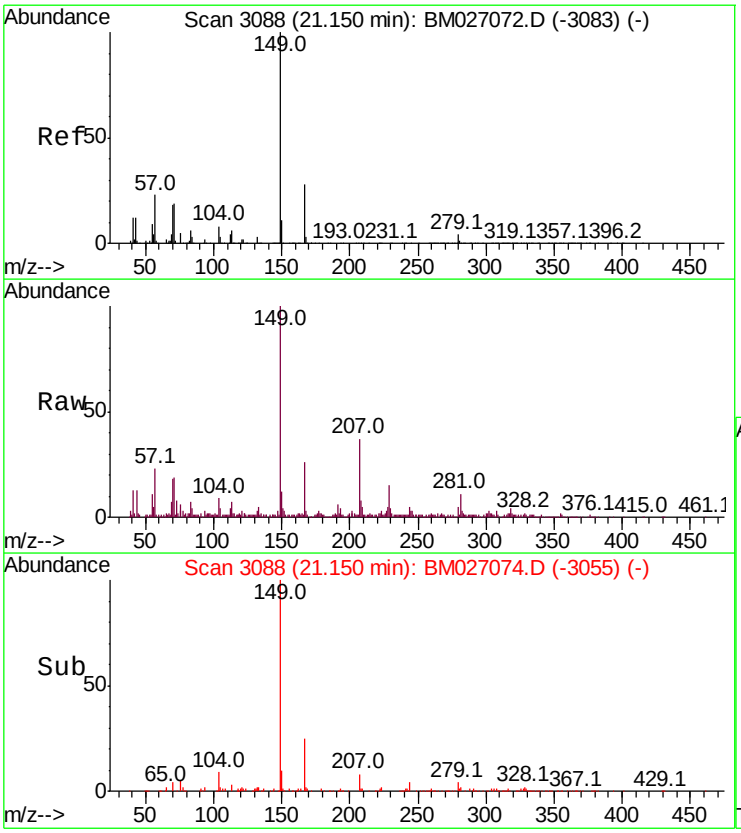

#83
Benzo(a)anthracene
Concen: 14.423 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.05 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:228 Resp: 685754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 21.9 | 15.8 | 23.6 |
| 226 | 30.5 | 21.2 | 31.8 |

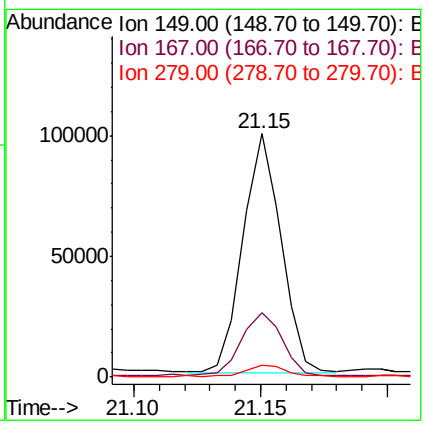


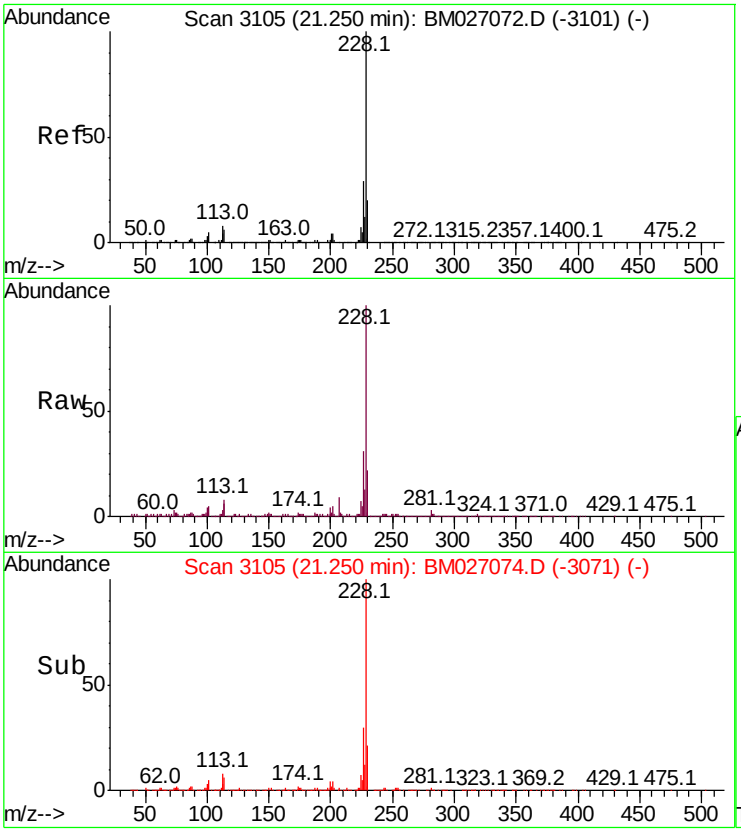




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.930 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:149 Resp: 104605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 21.6 | 32.4 |
| 279 | 4.6 | 3.9 | 5.9 |



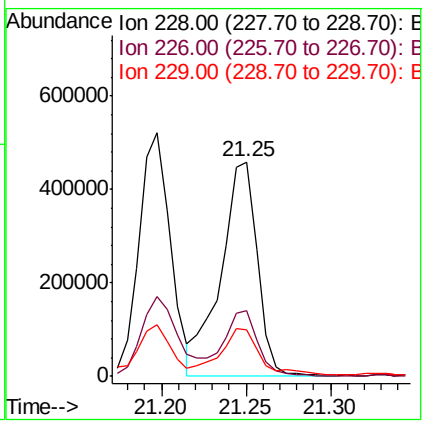


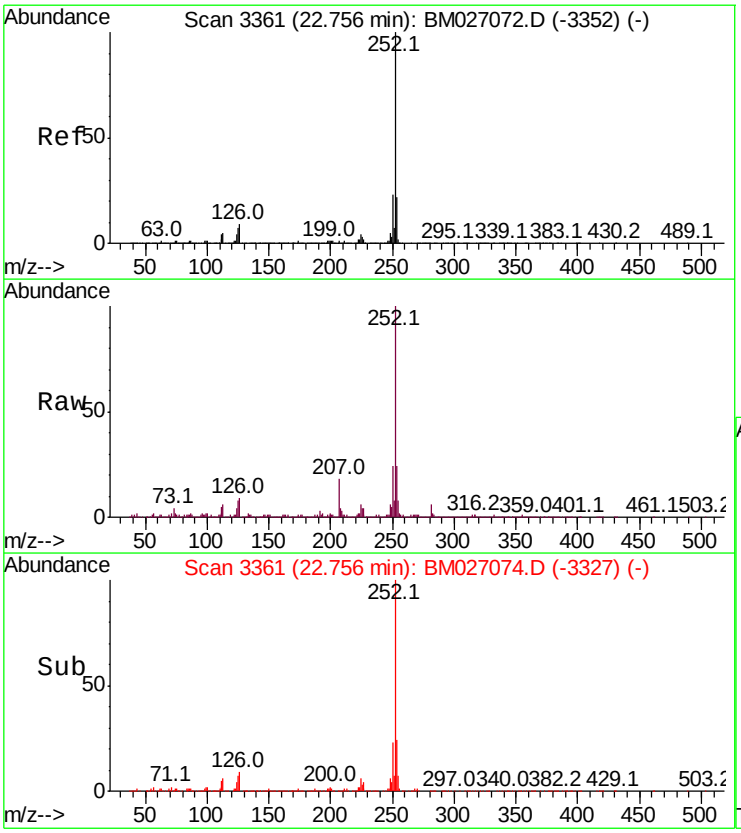

#85
Chrysene
Concen: 14.682 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:228 Resp: 685182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 23.8 | 35.6 |
| 229 | 21.9 | 15.8 | 23.8 |

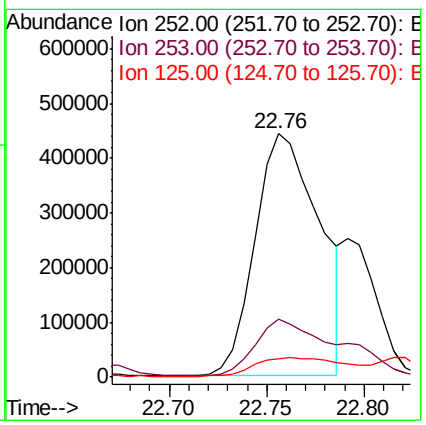


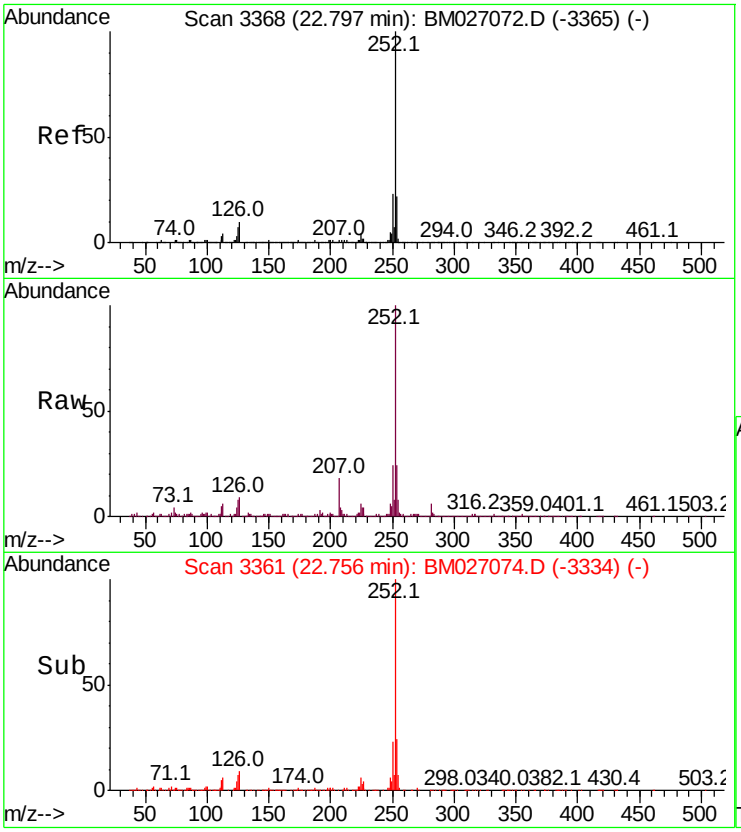




#88
Benzo(b)fluoranthene
Concen: 20.667 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:252 Resp: 1015985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 17.6 | 26.4 |
| 125 | 7.8 | 6.0 | 9.0 |



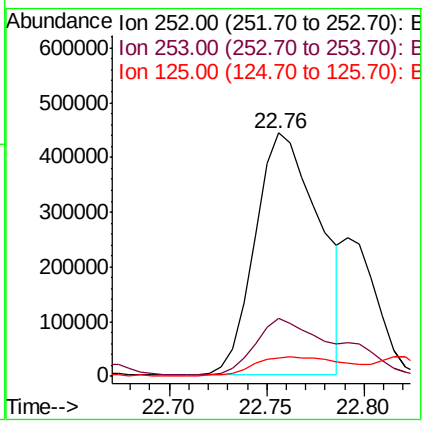


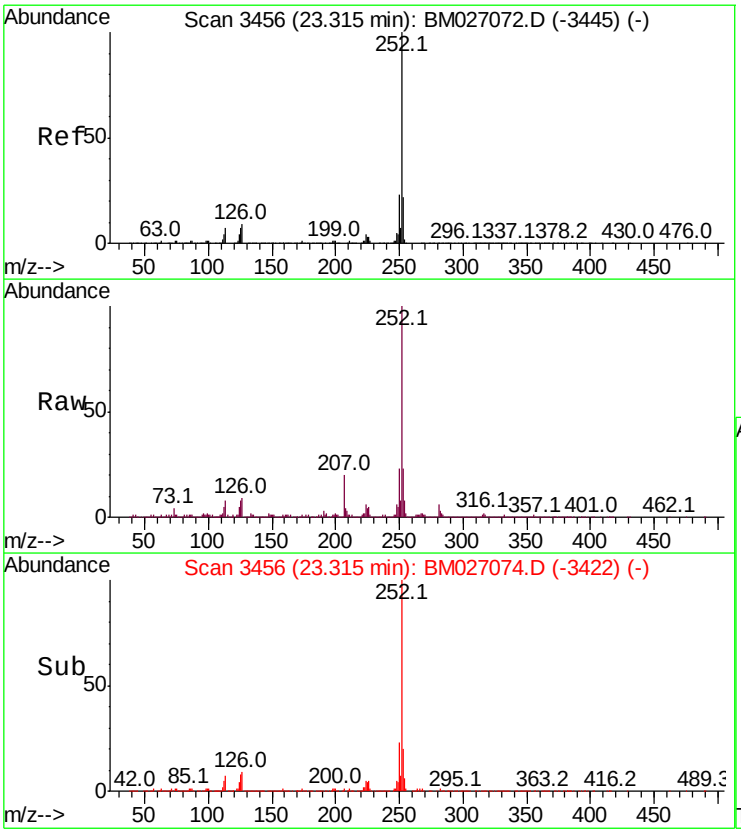

#89
Benzo(k)fluoranthene
Concen: 20.853 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:252 Resp: 1015985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 17.2 | 25.8 |
| 125 | 7.8 | 5.5 | 8.3 |

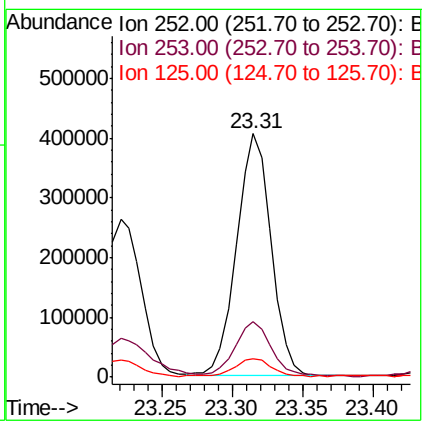


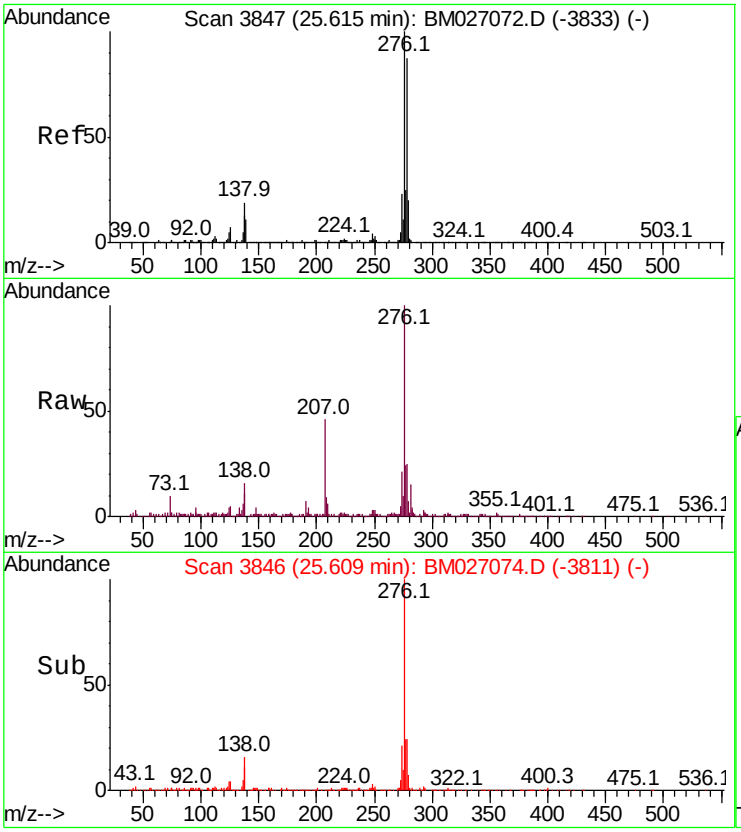




#91
Benzo(a)pyrene
Concen: 15.548 ng/ul
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:252 Resp: 695611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.0 | 25.4 |
| 125 | 7.8 | 5.8 | 8.8 |



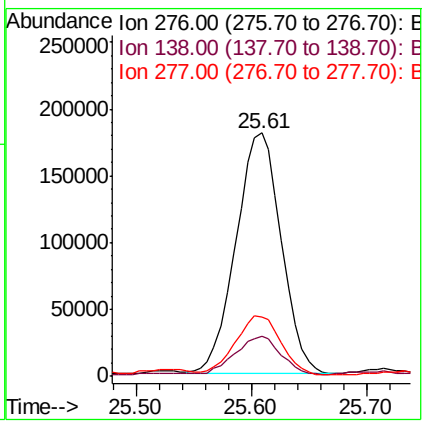


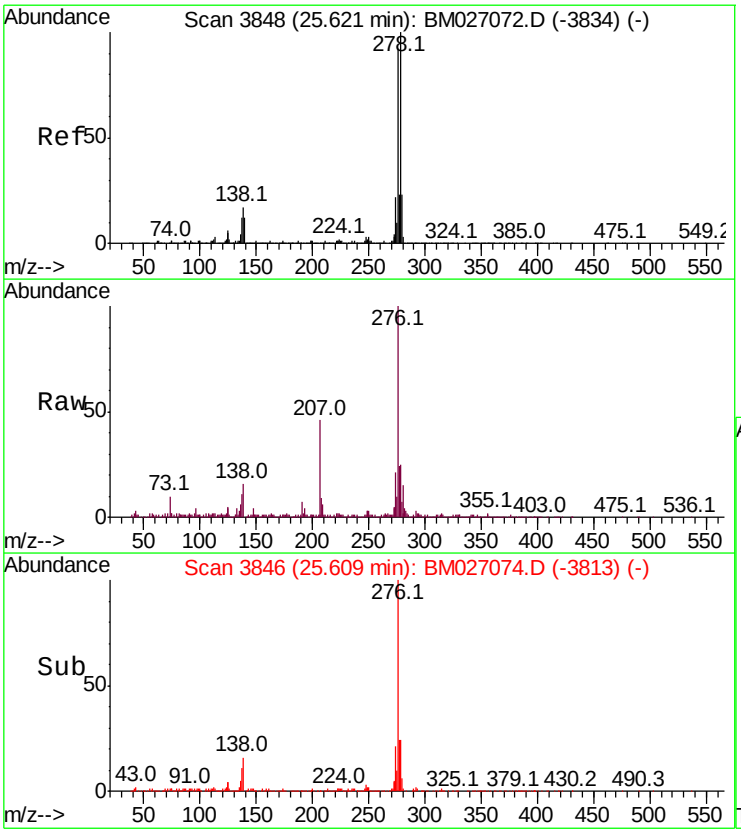

#92
Indeno(1,2,3-cd)pyrene
Concen: 8.546 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:276 Resp: 492647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.2 | 13.9 | 20.9 |
| 277 | 24.5 | 19.8 | 29.8 |

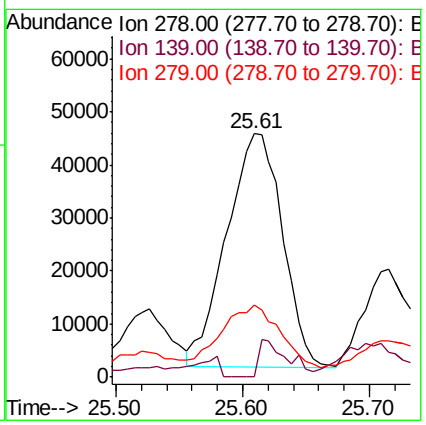


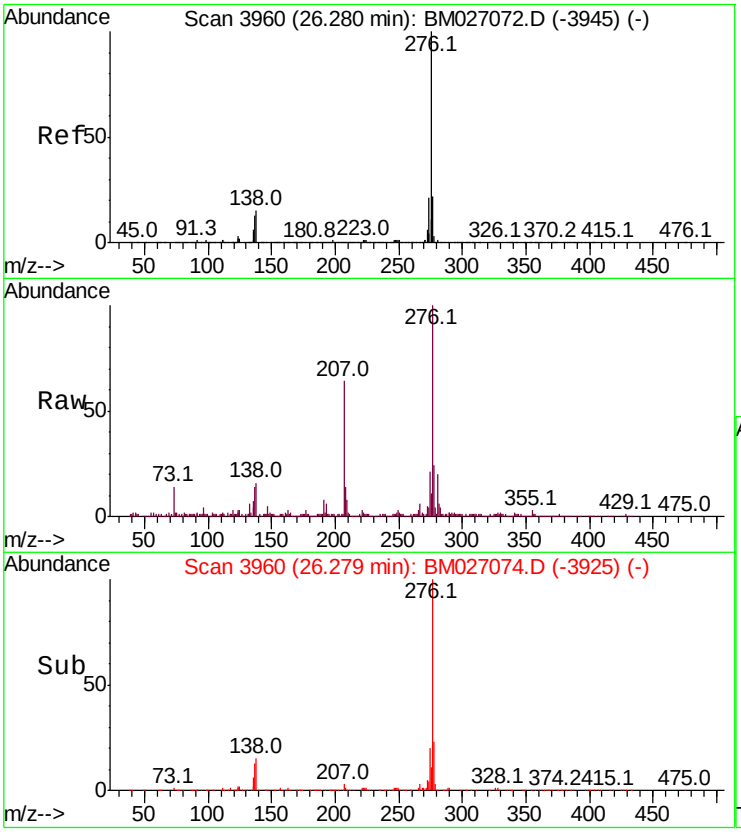




#93
Dibenzo(a,h)anthracene
Concen: 2.769 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

Tgt Ion:278 Resp: 135190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 9.4 | 14.0# |
| 279 | 29.6 | 18.7 | 28.1# |






#94
Benzo(g,h,i)perylene
Concen: 8.050 ng/ul
RT: 26.28 min Scan# 3960
Delta R.T. 0.01 min
Lab File: BM027074.D
Acq: 14 Aug 2020 00:18

**Instrument :**
BNA_M
**ClientSampleId :**
BFM69

Tgt Ion:276 Resp: 383300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.6 | 12.3 | 18.5 |
| 277 | 24.1 | 19.0 | 28.6 |