Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027105.D
Acq On : 15 Aug 2020 02:22
Operator : JU/CG
Sample : L3631-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BFMN2

Quant Time: Aug 17 01:24:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 172911 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.41 | 136 | 601744 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.27 | 164 | 398399 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 826960 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.20 | 240 | 867675 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.40 | 264 | 875140 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 8502 | 2.23 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 180648 | 13.44 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.97 | 67 | 127466 | 13.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.17 | 132 | 143858 | 13.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.34 | 113 | 142951 | 13.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 70044 | 14.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 74725 | 15.12 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.03 | 165 | 149411 | 14.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.54 | 131 | 169651 | 14.05 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.69 | 166 | 497720 | 15.67 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.96 | 160 | 555877 | 14.68 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.47 | 143 | 53545 | 9.98 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.27 | 176 | 406311 | 14.67 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 39650 | 8.78 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.11 | 188 | 601160 | 14.76 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.41 | 212 | 674275 | 15.58 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.26 | 264 | 724331 | 14.83 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.85 | 94 | 24253 | 1.711 | ng/ul | 90 |
| 45) Dimethylphthalate | 13.73 | 163 | 97196 | 2.919 | ng/ul | 99 |
| 48) Acenaphthylene | 13.99 | 152 | 44992 | 1.169 | ng/ul# | 97 |
| 70) Phenanthrene | 17.06 | 178 | 423875 | 8.550 | ng/ul | 99 |
| 72) Anthracene | 17.14 | 178 | 100864 | 1.999 | ng/ul | 96 |
| 77) Fluoranthene | 19.07 | 202 | 792585 | 13.184 | ng/ul | 100 |
| 80) Pyrene | 19.44 | 202 | 719927 | 12.224 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.19 | 228 | 432158 | 7.398 | ng/ul | 94 |
| 85) Chrysene | 21.24 | 228 | 422331 | 7.366 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.75 | 252 | 555480 | 9.141 | ng/ul | 97 |
| 89) Benzo(k)fluoranthene | 22.75 | 252 | 555480 | 9.223 | ng/ul | 96 |
| 91) Benzo(a)pyrene | 23.30 | 252 | 400494 | 7.242 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 273331 | 3.836 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.60 | 278 | 83134 | 1.377 | ng/ul# | 90 |
| 94) Benzo(g,h,i)perylene | 26.26 | 276 | 223963 | 3.805 | ng/ul | 97 |

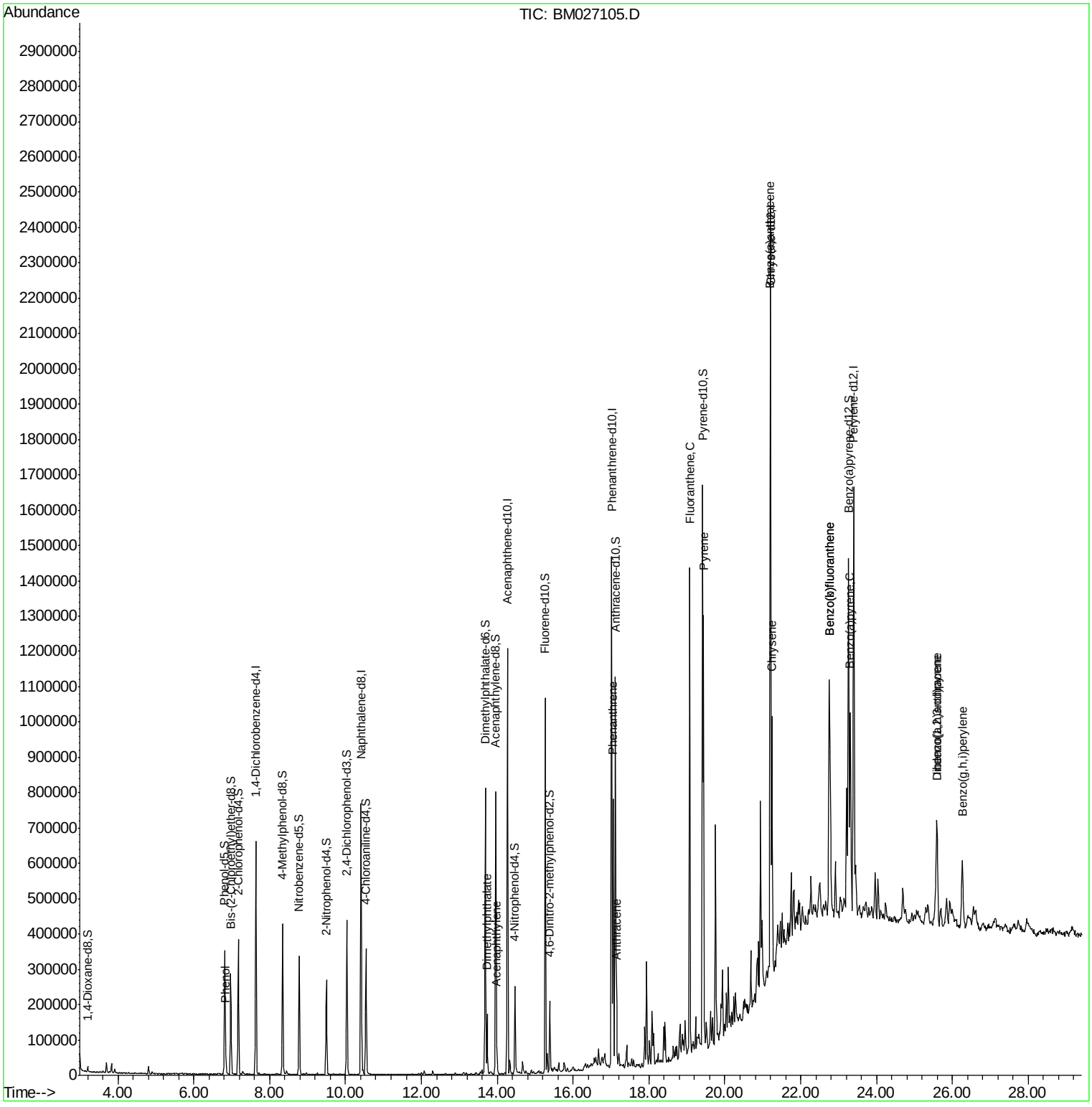
(#) = qualifier out of range (m) = manual integration (+) = signals summed

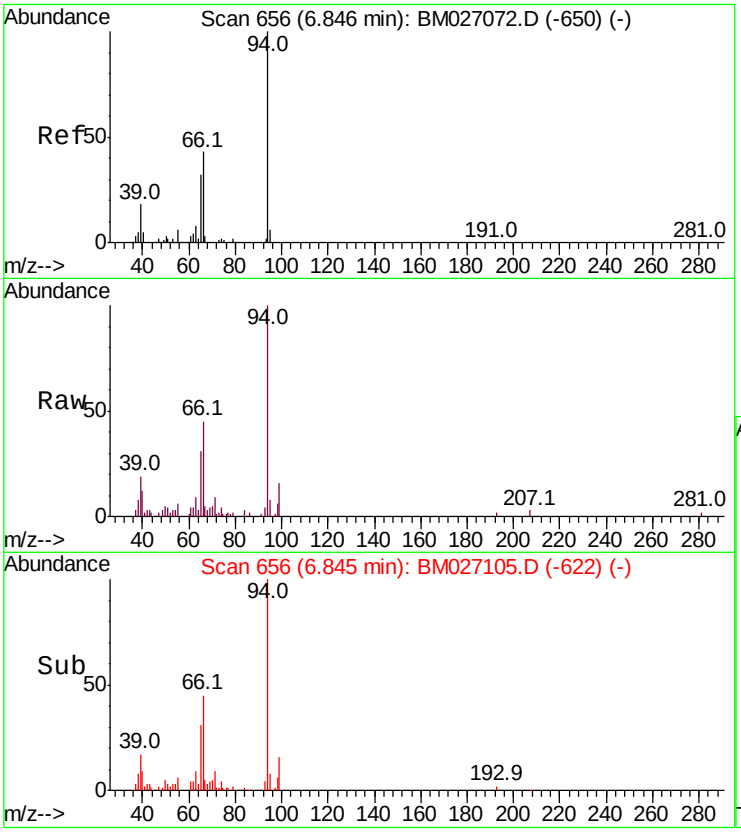
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027105.D
Acq On : 15 Aug 2020 02:22
Operator : JU/CG
Sample : L3631-16
Misc :
ALS Vial : 51 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Quant Time: Aug 17 01:24:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration



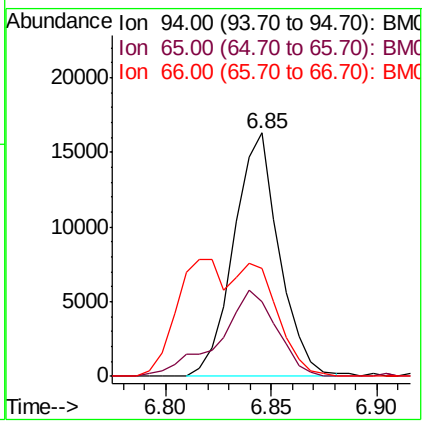


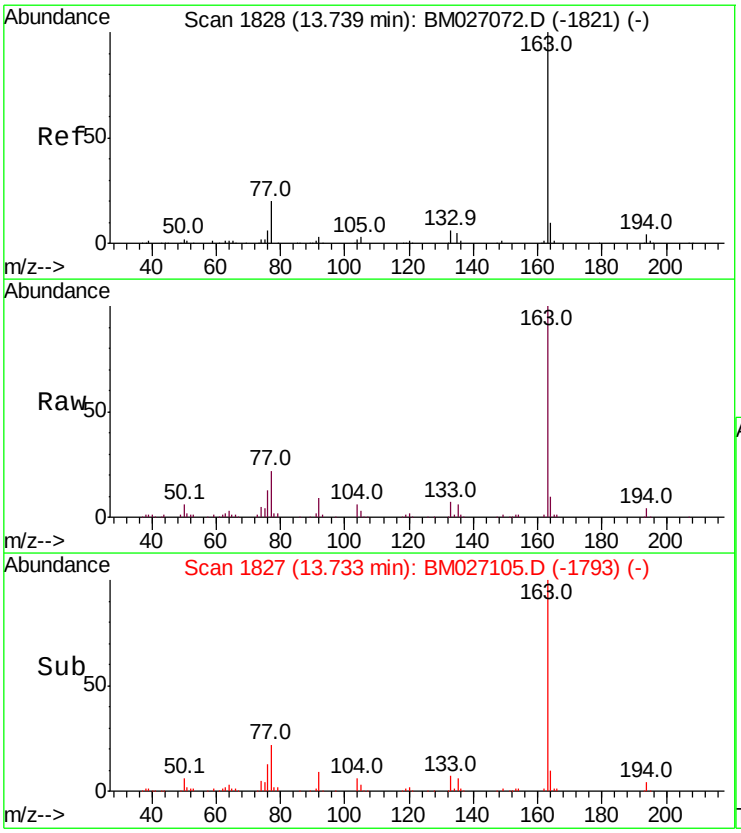

#6
Phenol
Concen: 1.711 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion: 94 Resp: 24253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.7 | 28.6 | 43.0 |
| 66 | 44.5 | 41.3 | 61.9 |

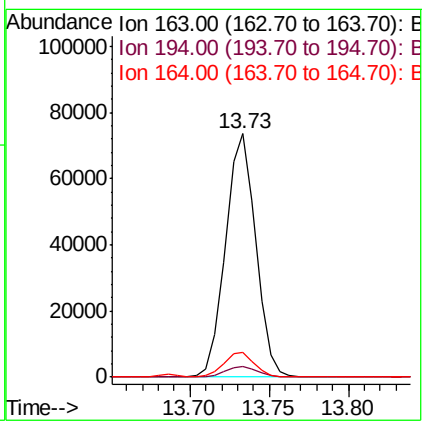


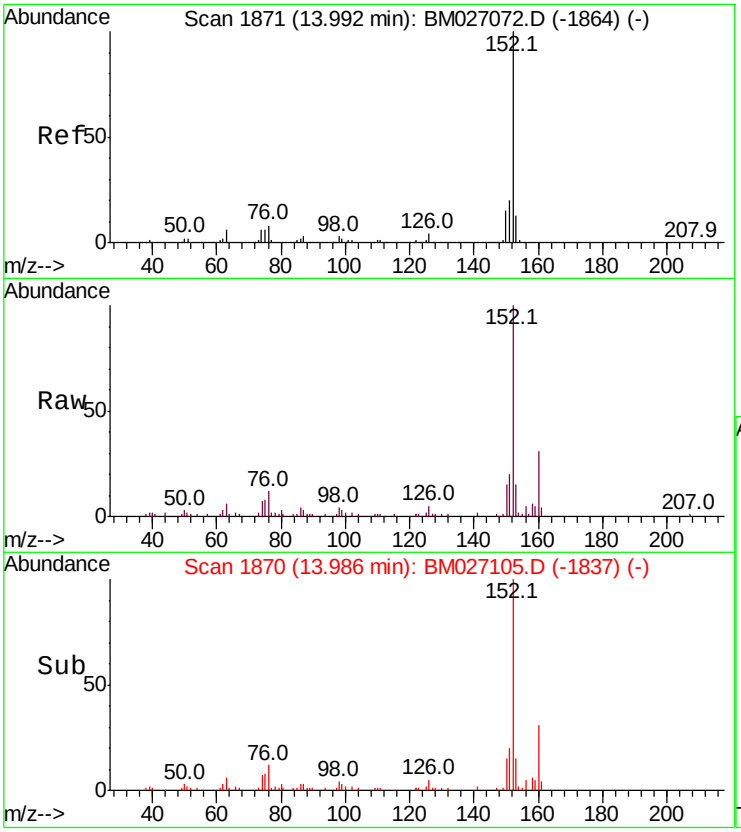




#45
Dimethylphthalate
Concen: 2.919 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion:163 Resp: 97196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.2 | 4.8 |
| 164 | 9.9 | 8.2 | 12.2 |



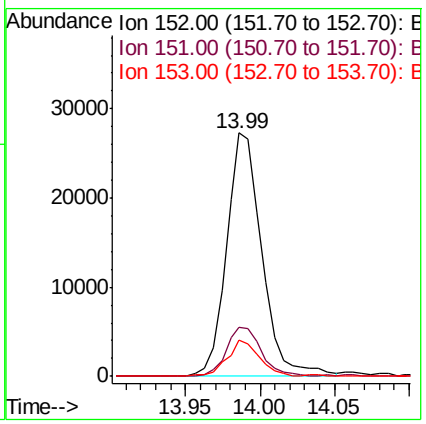


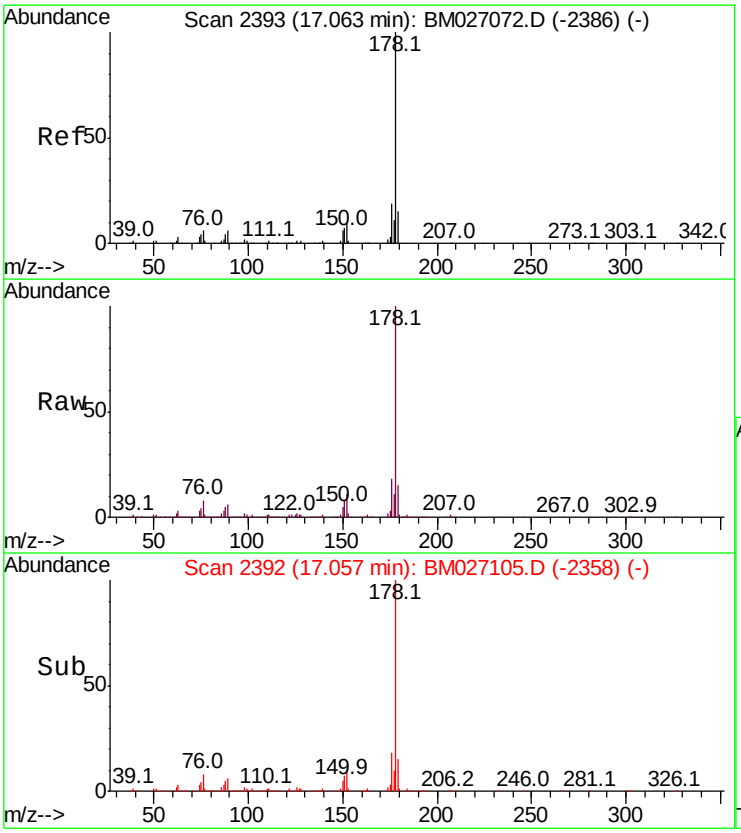

#48
Acenaphthylene
Concen: 1.169 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion:152 Resp: 44992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.9 | 23.9 |
| 153 | 14.9 | 9.8 | 14.8# |

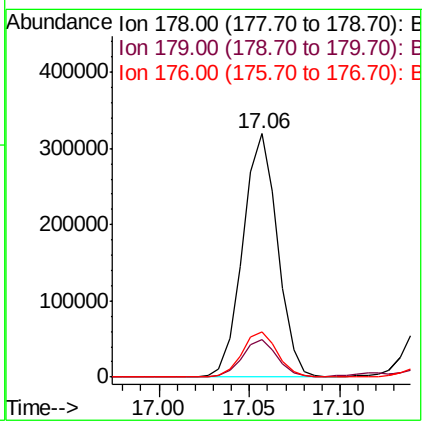


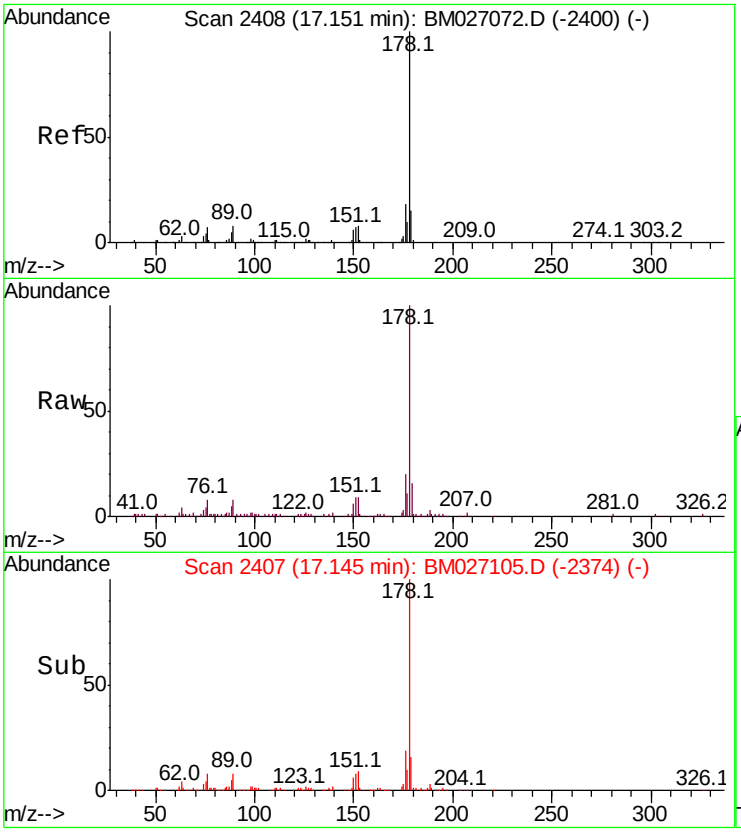




#70
Phenanthrene
Concen: 8.550 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion:178 Resp: 423875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.3 | 11.9 | 17.9 |
| 176 | 18.4 | 14.6 | 22.0 |



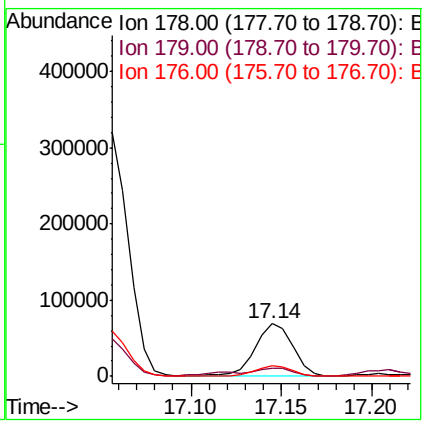


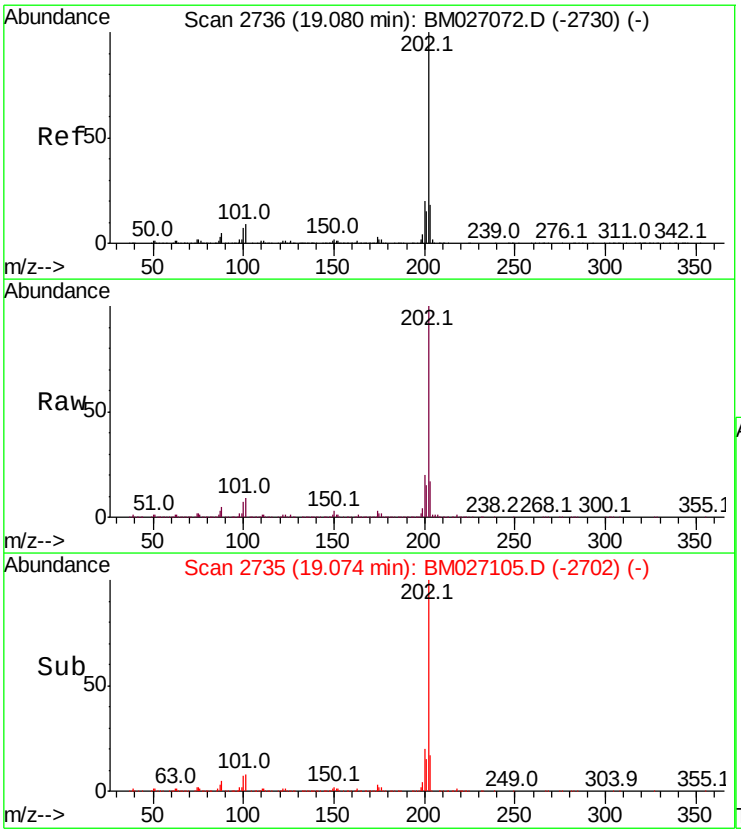

#72
Anthracene
Concen: 1.999 ng/ul
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion:178 Resp: 100864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 16.4 | 12.0 | 18.0 |
| 176 | 19.5 | 14.3 | 21.5 |

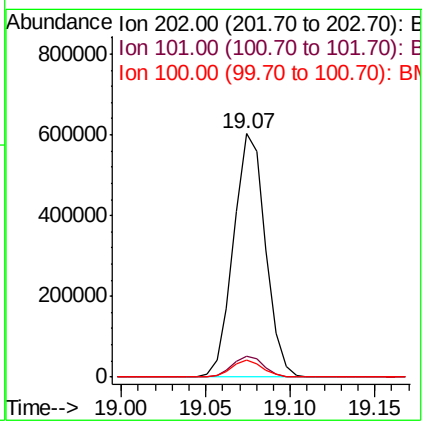


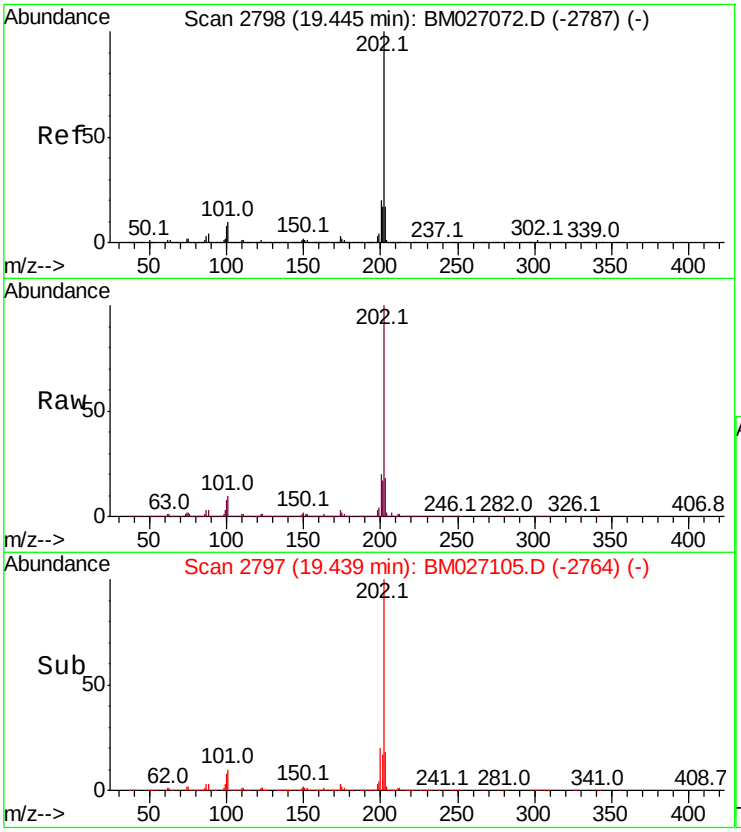




#77
Fluoranthene
Concen: 13.184 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion:202 Resp: 792585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.6 | 6.7 | 10.1 |
| 100 | 6.8 | 5.4 | 8.2 |



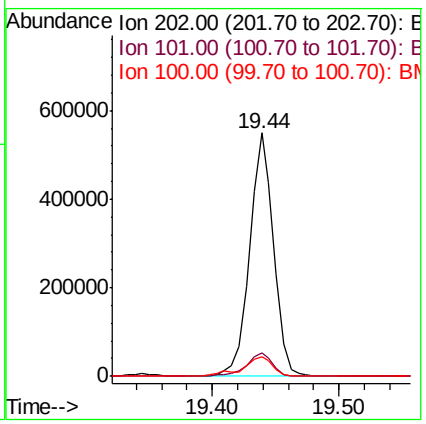


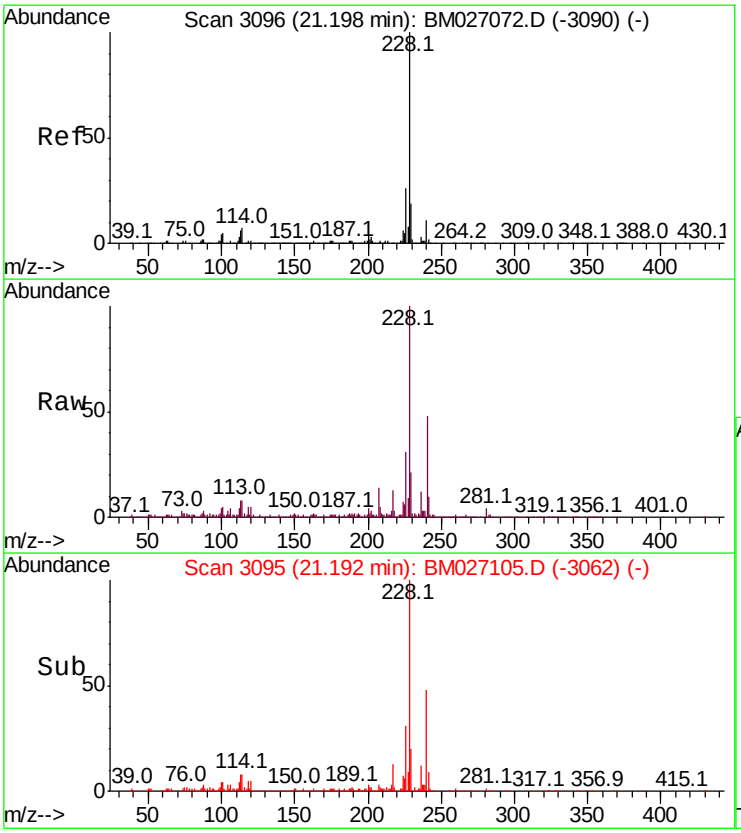

#80
Pyrene
Concen: 12.224 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion:202 Resp: 719927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.9 | 7.6 | 11.4 |
| 100 | 8.2 | 6.3 | 9.5 |

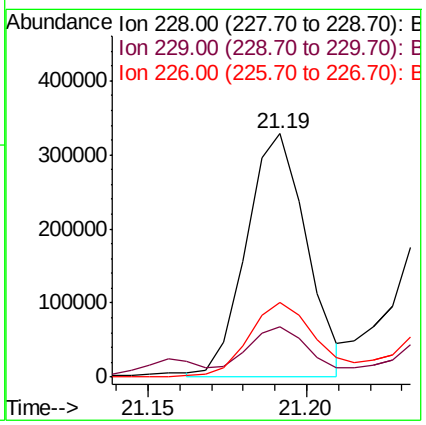


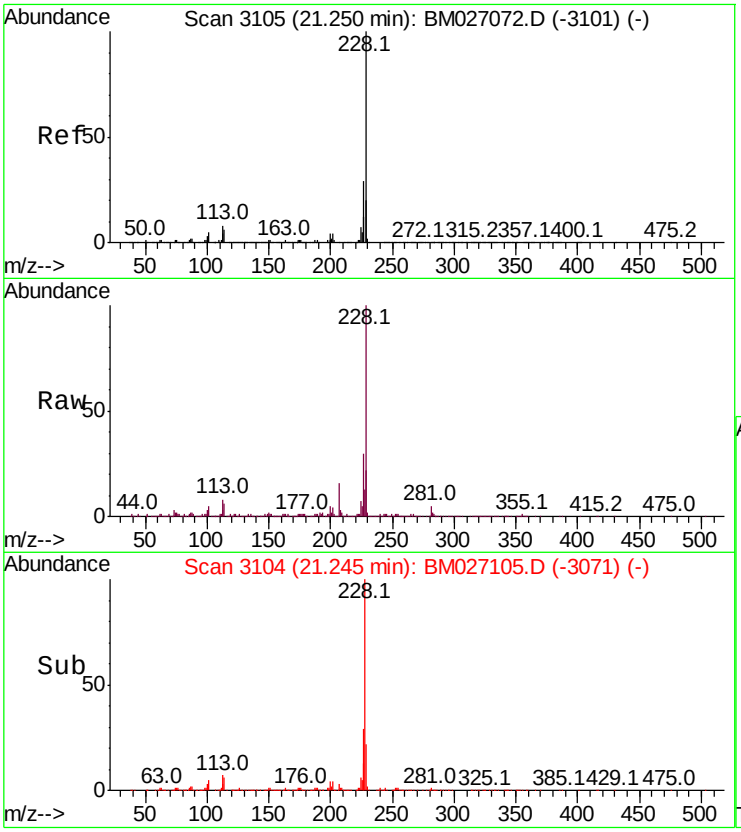




#83
Benzo(a)anthracene
Concen: 7.398 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion:228 Resp: 432158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 20.5 | 15.8 | 23.6 |
| 226 | 30.9 | 21.2 | 31.8 |



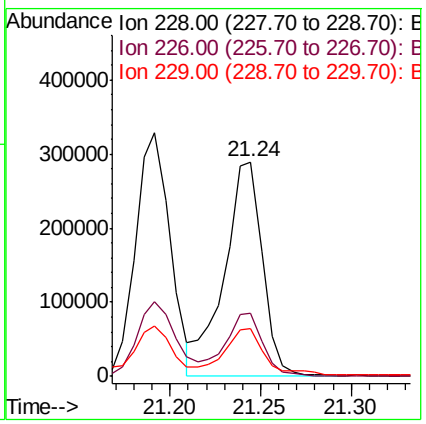


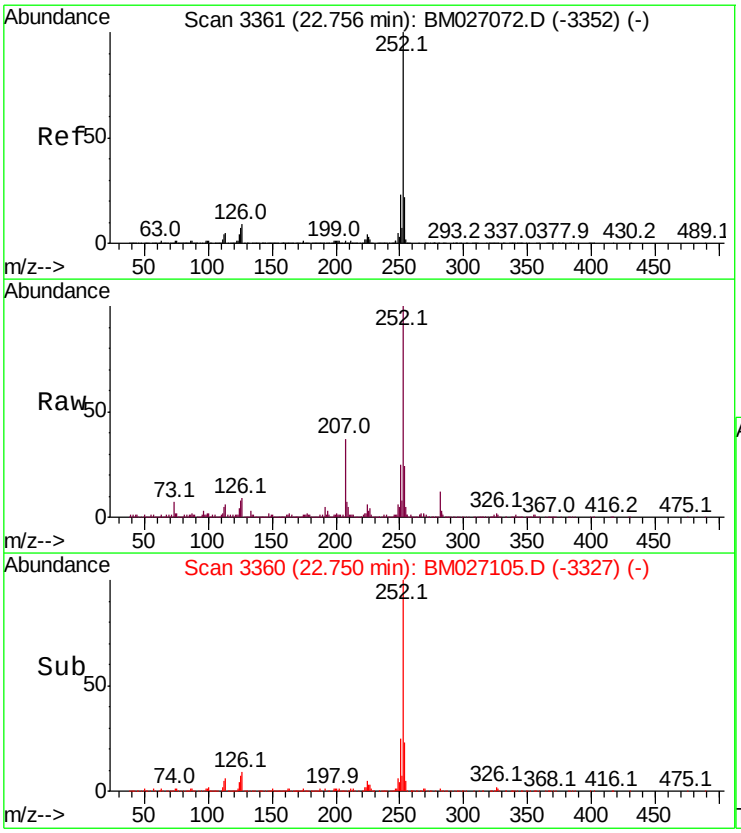

#85
Chrysene
Concen: 7.366 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion:228 Resp: 422331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 23.8 | 35.6 |
| 229 | 22.1 | 15.8 | 23.8 |

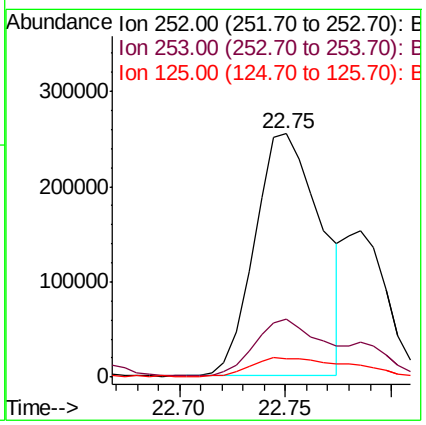


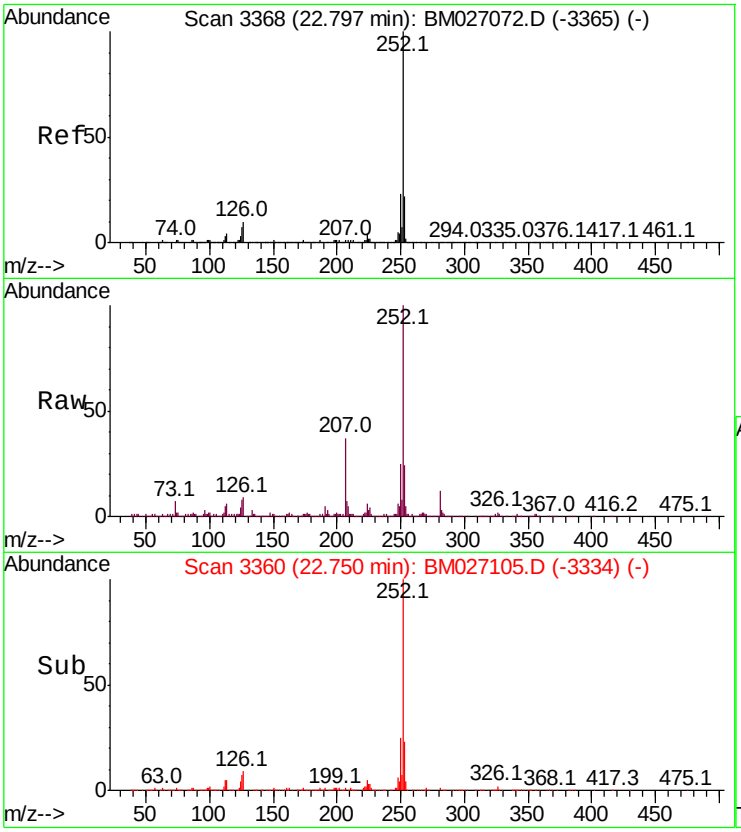




#88
Benzo(b)fluoranthene
Concen: 9.141 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion:252 Resp: 555480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.6 | 26.4 |
| 125 | 7.8 | 6.0 | 9.0 |



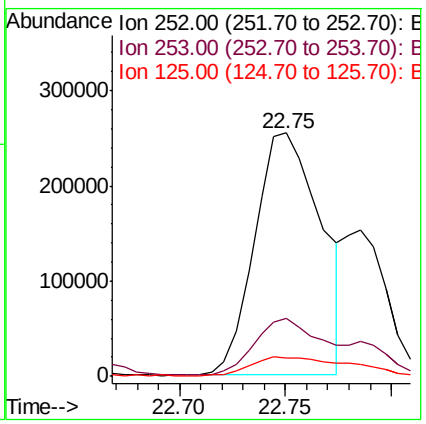


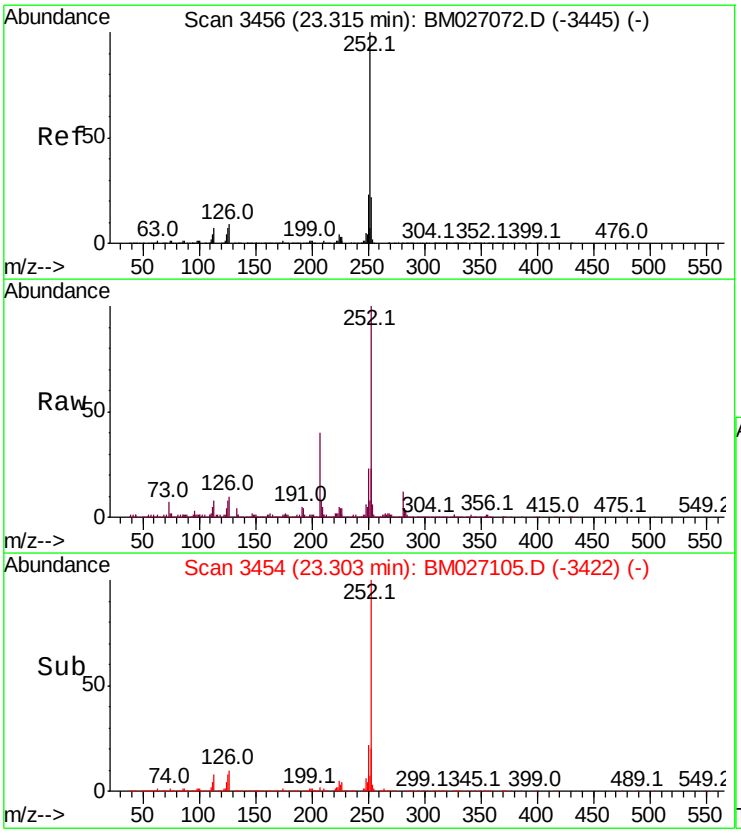

#89
Benzo(k)fluoranthene
Concen: 9.223 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion:252 Resp: 555480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.2 | 25.8 |
| 125 | 7.8 | 5.5 | 8.3 |

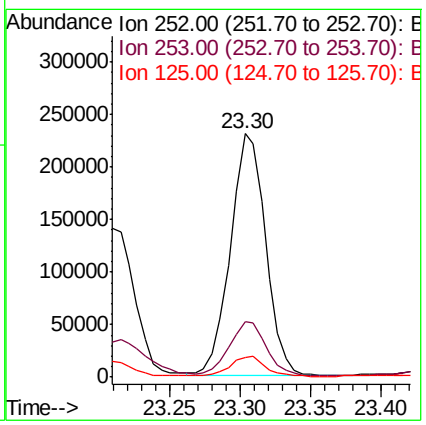


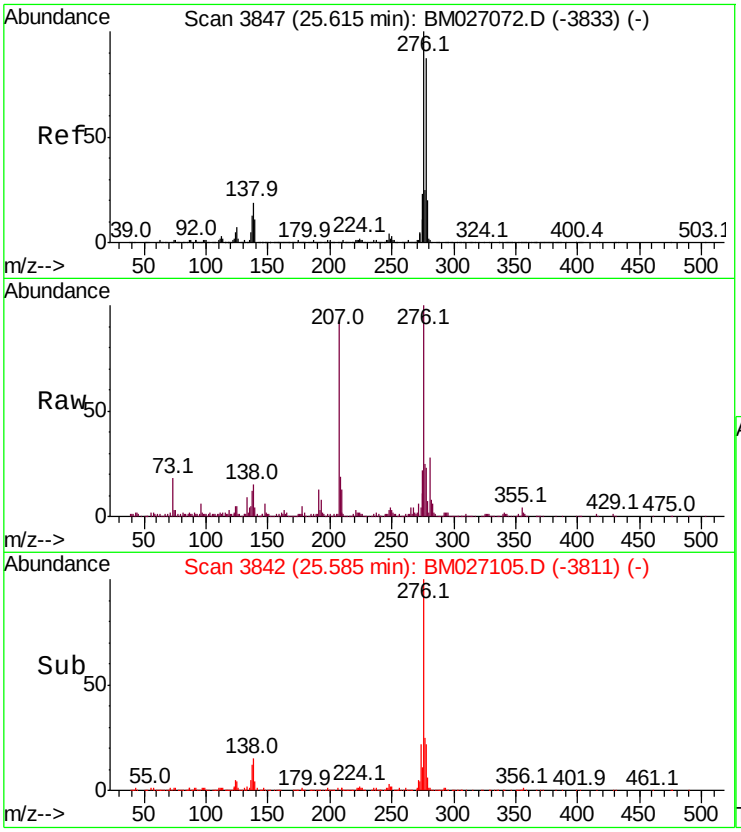




#91
Benzo(a)pyrene
Concen: 7.242 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion:252 Resp: 400494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.0 | 25.4 |
| 125 | 8.3 | 5.8 | 8.8 |



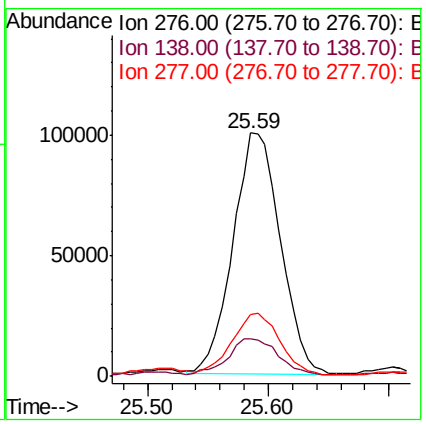


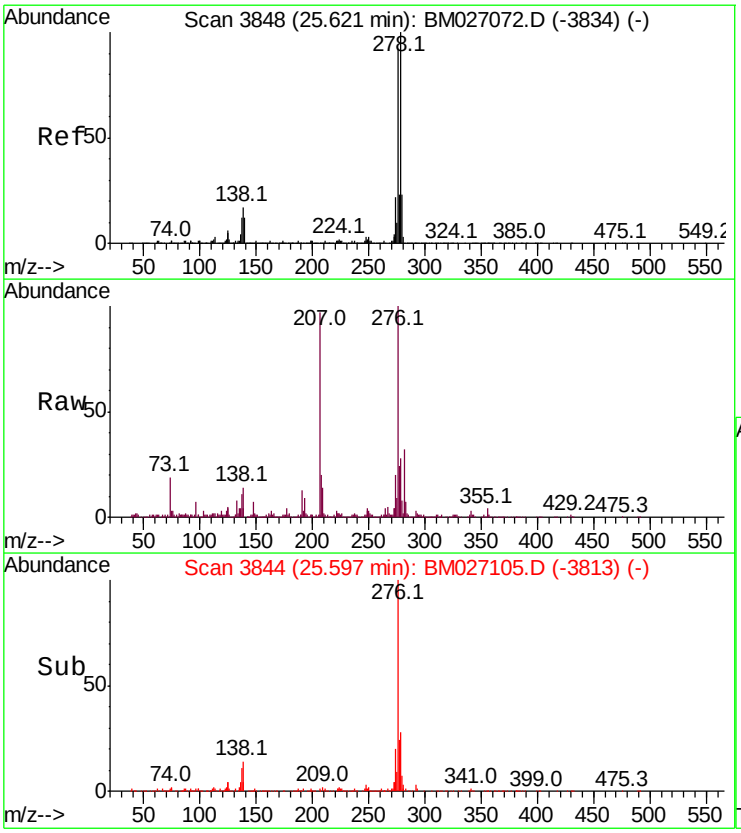

#92
Indeno(1,2,3-cd)pyrene
Concen: 3.836 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion:276 Resp: 273331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.4 | 13.9 | 20.9 |
| 277 | 25.3 | 19.8 | 29.8 |

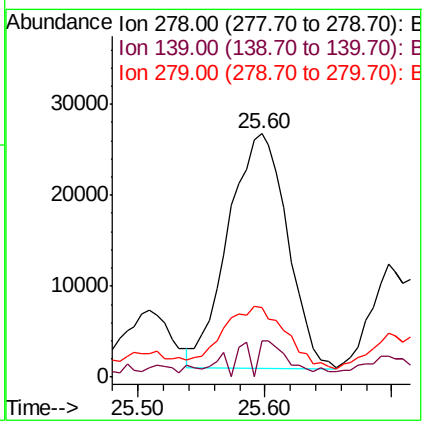


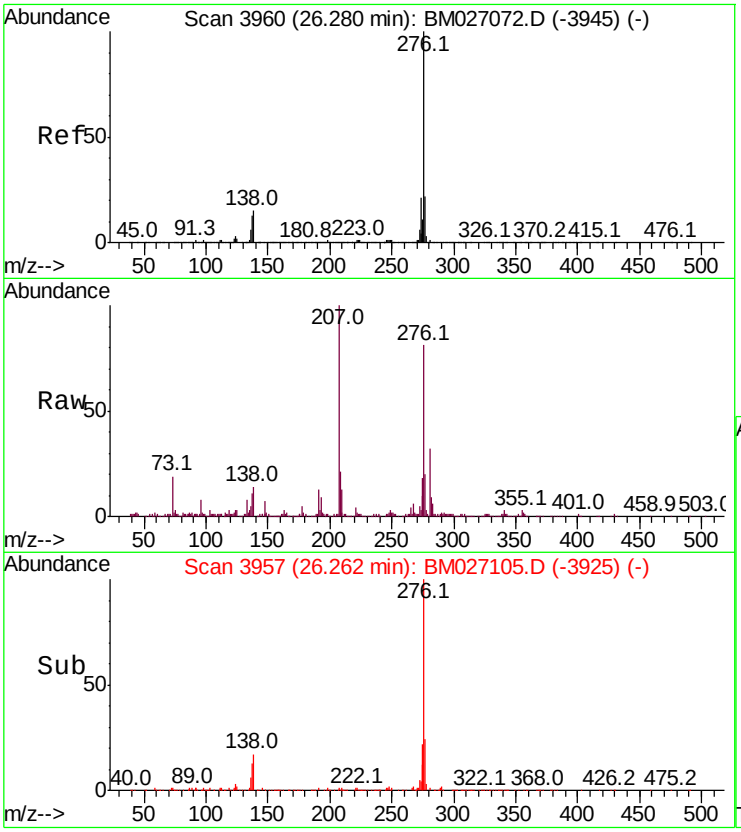




#93
Dibenzo(a,h)anthracene
Concen: 1.377 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

Tgt Ion:278 Resp: 83134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.1 | 9.4 | 14.0# |
| 279 | 28.7 | 18.7 | 28.1# |






#94
Benzo(g,h,i)perylene
Concen: 3.805 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM027105.D
Acq: 15 Aug 2020 02:22

**Instrument :**
BNA_M
**ClientSampleId :**
BFMN2

Tgt Ion:276 Resp: 223963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.1 | 12.3 | 18.5 |
| 277 | 24.8 | 19.0 | 28.6 |