Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024892.D
Acq On : 14 Feb 2020 14:45
Operator : CG/JU
Sample : L1422-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5AY1

Quant Time: Feb 14 15:38:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 07:45:43 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 373136 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.15 | 136 | 1344867 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.04 | 164 | 811359 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.80 | 188 | 1687562 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.01 | 240 | 1709174 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.11 | 264 | 1822255 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.04 | 96 | 29131 | 3.75 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.59 | 99 | 446870 | 18.03 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.75 | 67 | 304159 | 21.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.93 | 132 | 408935 | 18.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.10 | 113 | 237121 | 11.34 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.53 | 128 | 194386 | 19.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.25 | 143 | 222007 | 19.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.78 | 165 | 381503 | 16.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.29 | 131 | 387092 | 17.85 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.47 | 166 | 1172301 | 19.14 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.73 | 160 | 1411120 | 19.73 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.27 | 143 | 122212 | 12.28 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.04 | 176 | 1020089 | 18.81 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.18 | 200 | 159727 | 14.52 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.89 | 188 | 1474903 | 19.15 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.20 | 212 | 1792819 | 20.97 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 22.97 | 264 | 1938664 | 21.18 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 13.52 | 163 | 130595 | 2.044 | ng/ul | 97 |
| 77) Fluoranthene | 18.87 | 202 | 175890 | 1.557 | ng/ul# | 96 |
| 80) Pyrene | 19.23 | 202 | 184565 | 1.631 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.50 | 252 | 136036 | 1.174 | ng/ul# | 98 |

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

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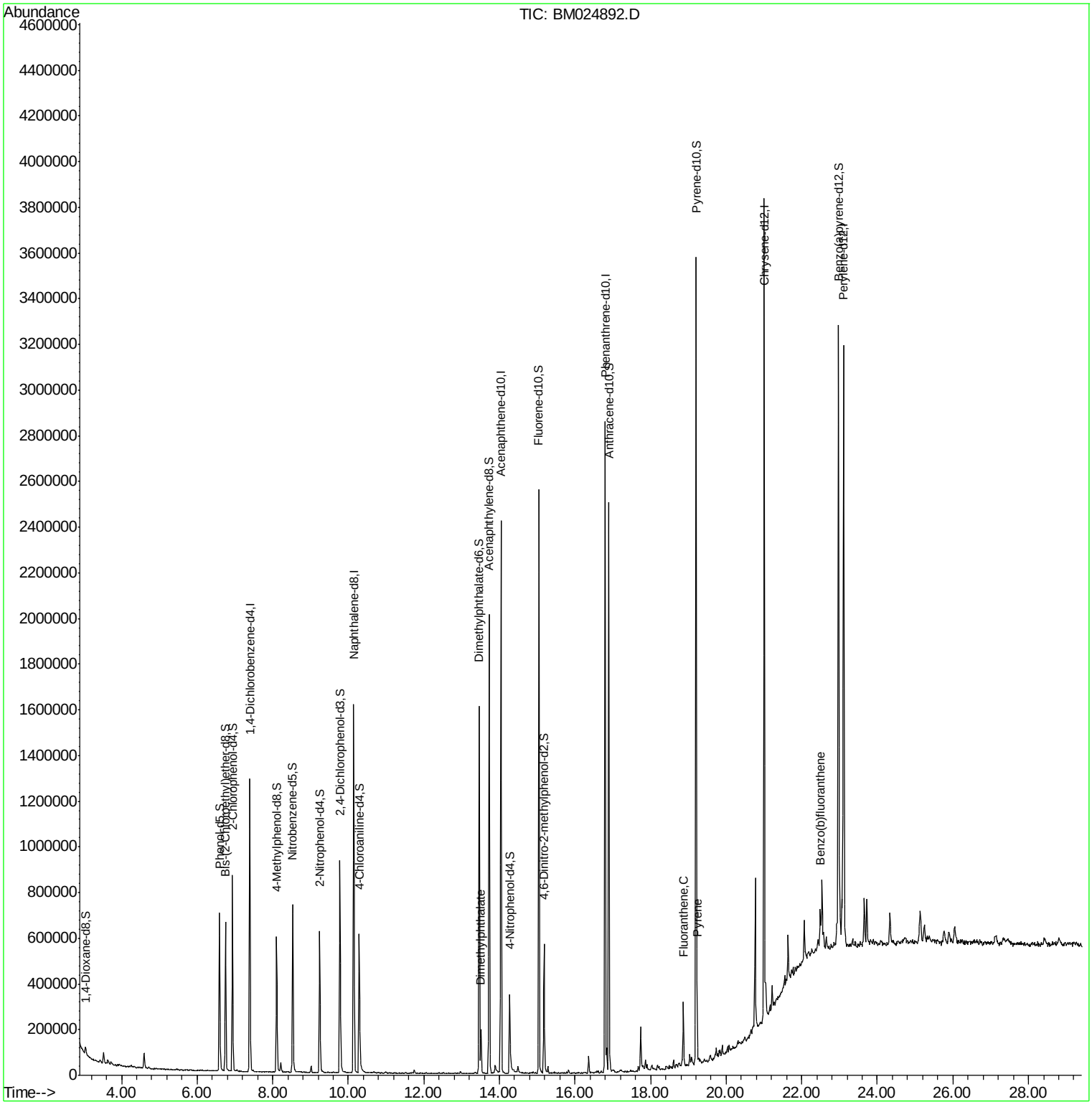
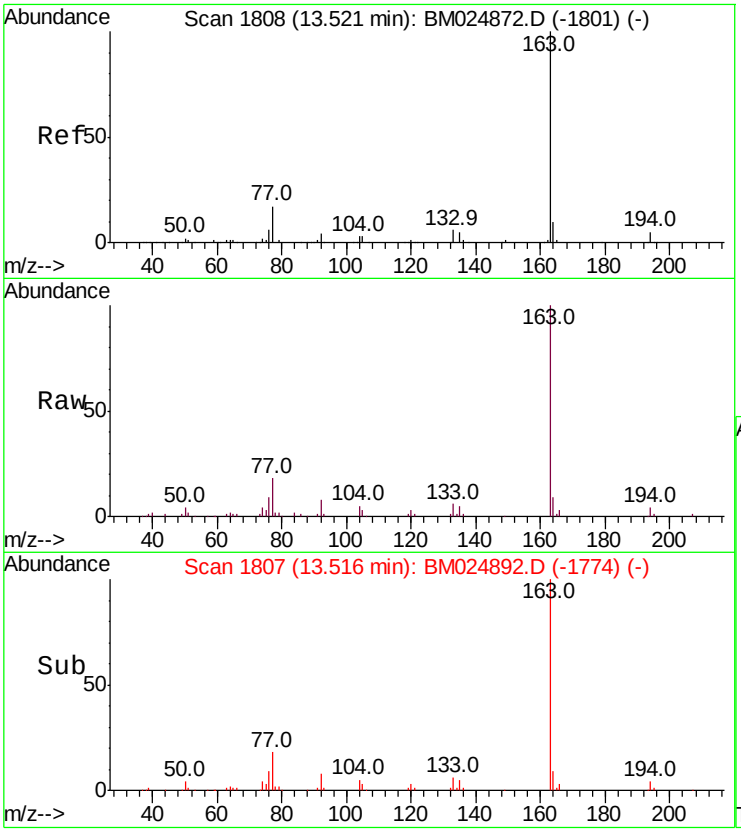


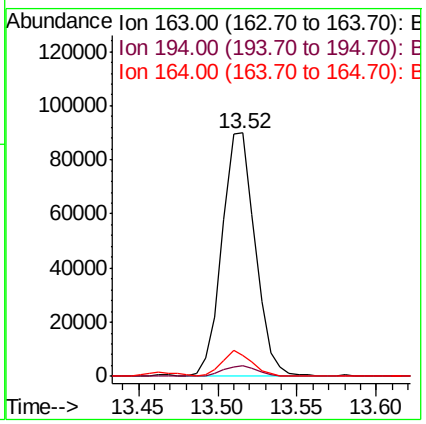


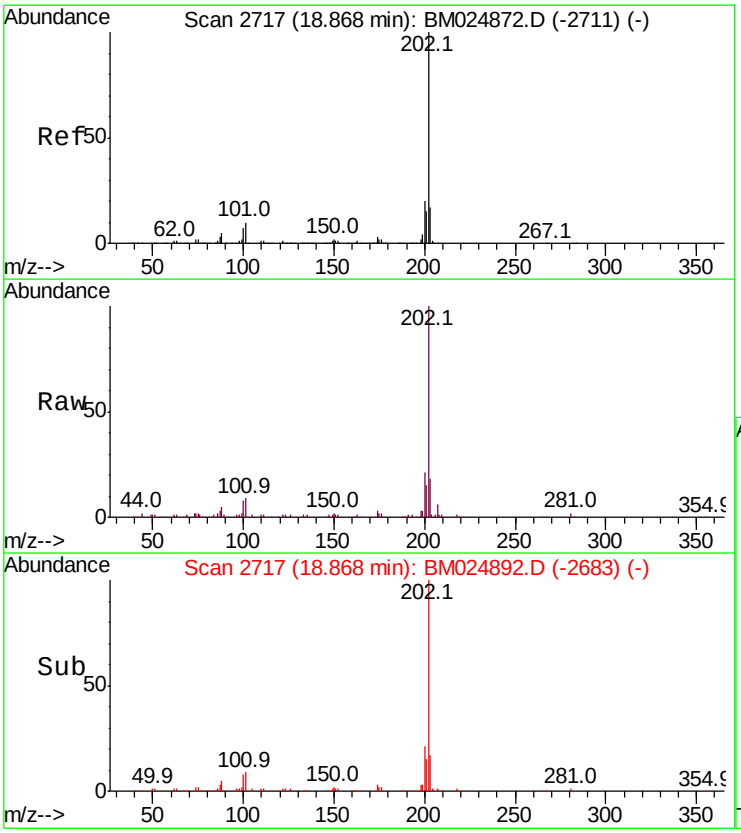

#45
Dimethylphthalate
Concen: 2.044 ng/ul
RT: 13.52 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM024892.D
Acq: 14 Feb 2020 14:45

**Instrument :**
BNA_M
**ClientSampleId :**
C5AY1

Tgt Ion:163 Resp: 130595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.5 | 5.3 |
| 164 | 8.6 | 8.2 | 12.2 |

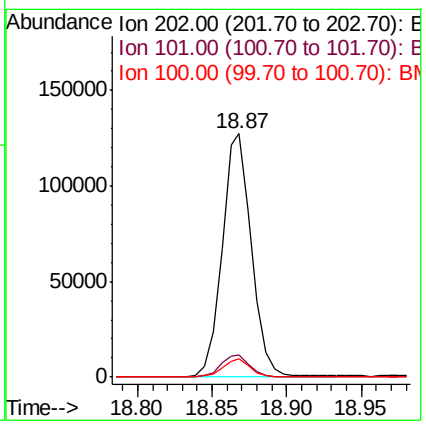


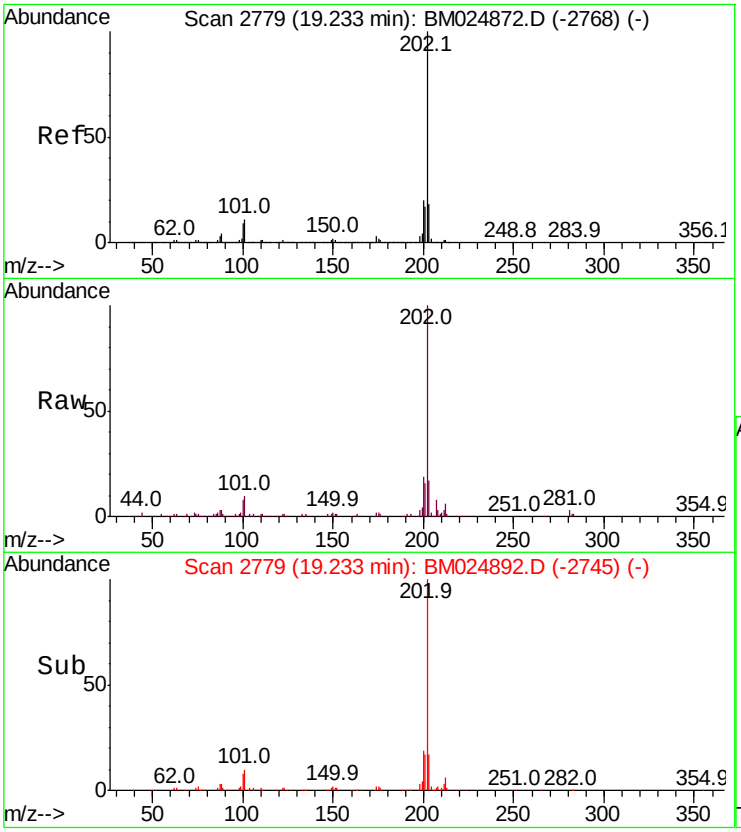




#77
Fluoranthene
Concen: 1.557 ng/ul
RT: 18.87 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BM024892.D
Acq: 14 Feb 2020 14:45

Tgt Ion:202 Resp: 175890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.0 | 6.1 | 9.1 |
| 100 | 7.6 | 4.8 | 7.2# |



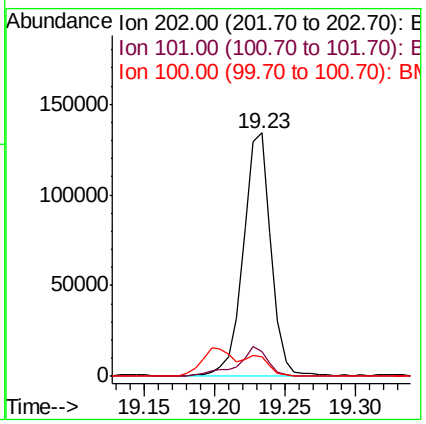


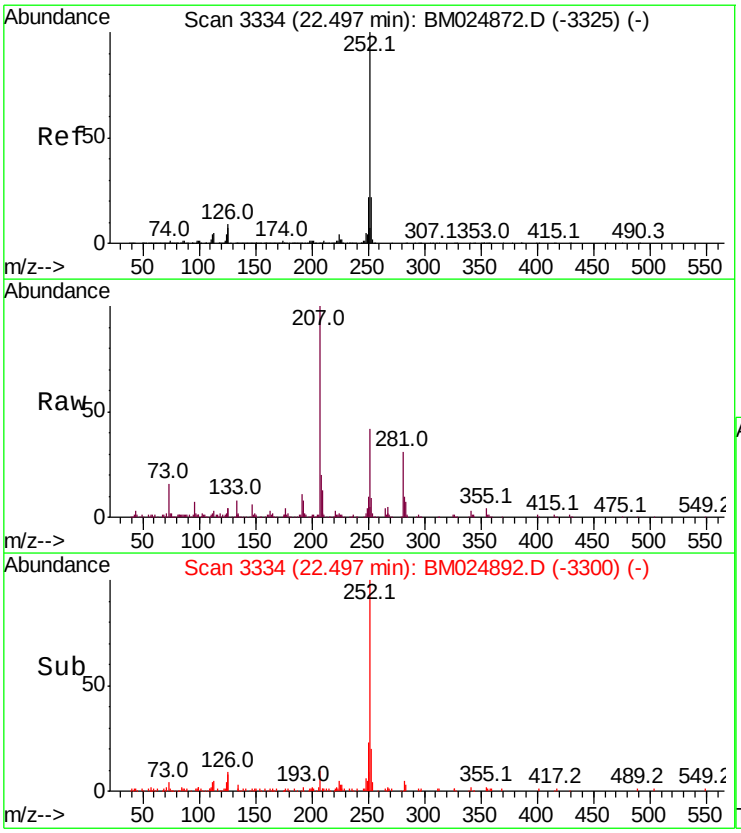

#80
Pyrene
Concen: 1.631 ng/ul
RT: 19.23 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BM024892.D
Acq: 14 Feb 2020 14:45

**Instrument :**
BNA_M
**ClientSampleId :**
C5AY1

Tgt Ion:202 Resp: 184565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.2 | 7.0 | 10.4 |
| 100 | 8.2 | 5.8 | 8.8 |




#88
Benzo(b)fluoranthene
Concen: 1.174 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BM024892.D
Acq: 14 Feb 2020 14:45

Tgt Ion:252 Resp: 136036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.3 | 25.9 |
| 125 | 9.0 | 5.1 | 7.7# |