Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001798.D
Acq On : 25 Jun 2015 14:47
Operator : TP/IZ
Sample : G2760-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0BK2

Quant Time: Jun 26 04:34:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 04:32:51 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 42144 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 170733 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 108020 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.06 | 188 | 256944 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.25 | 240 | 313446 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.47 | 264 | 309905 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.14 | 96 | 1410 | 1.60 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 24672 | 7.62 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 56437 | 31.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 70541 | 27.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 35463 | 13.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 41496 | 35.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.54 | 143 | 49258 | 38.12 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 88548 | 32.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 3417 | 1.21 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 274377 | 34.25 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.01 | 160 | 365099 | 34.77 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 10850 | 7.34 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.31 | 176 | 267131 | 35.94 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 46902 | 29.88 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.16 | 188 | 418019 | 34.92 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 483792 | 36.44 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.33 | 264 | 445671 | 32.63 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.88 | 88 | 3395 | 3.36 | ng/uL# | 1 |
| 20) Nitrobenzene | 8.86 | 77 | 39922 | 12.48 | ng/ul | 92 |
| 32) Caprolactam | 11.27 | 113 | 992 | 1.24 | ng/ul# | 5 |

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

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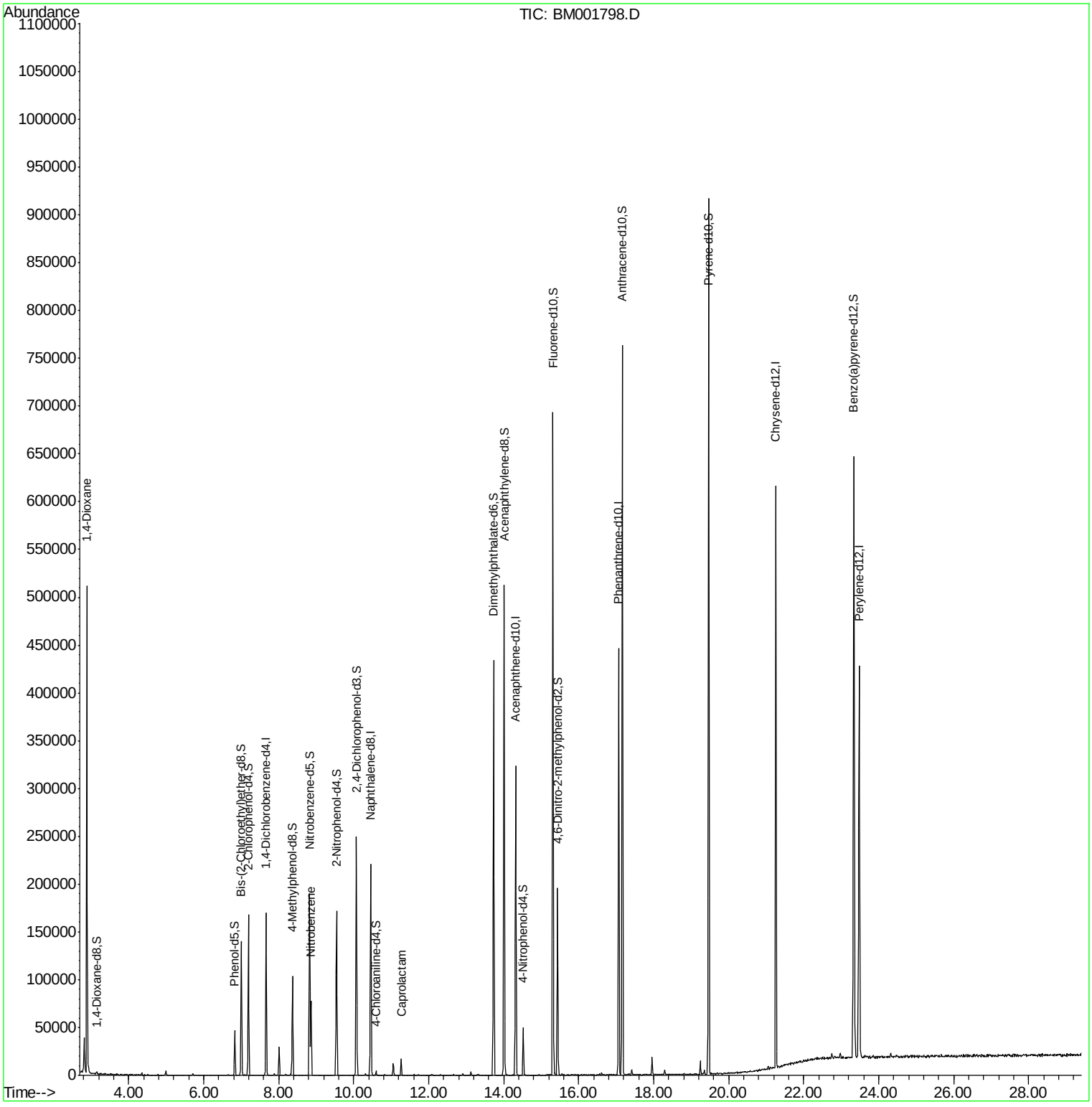
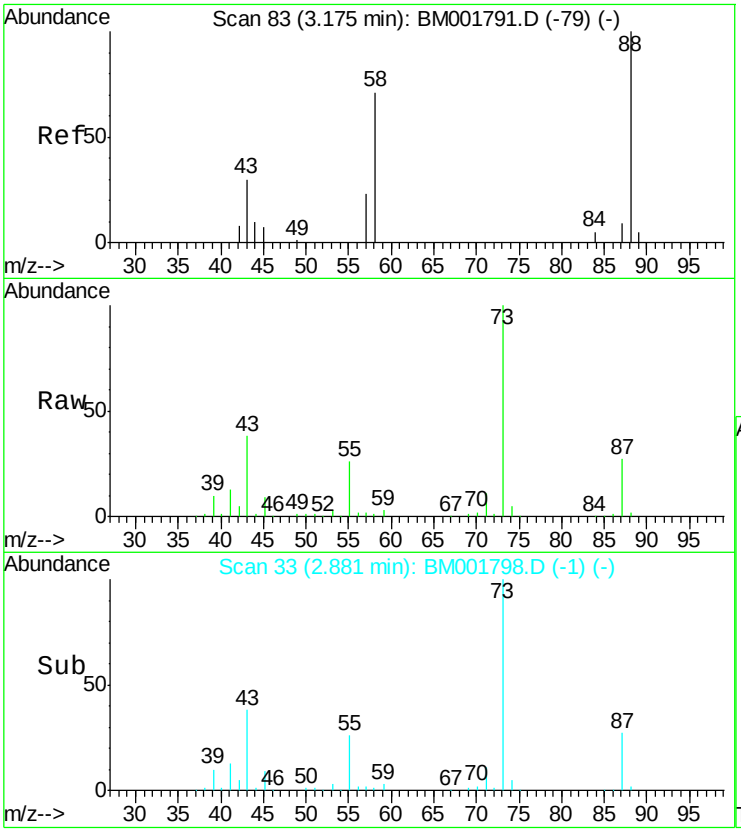


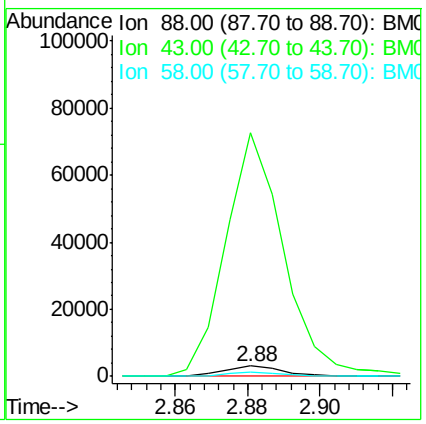


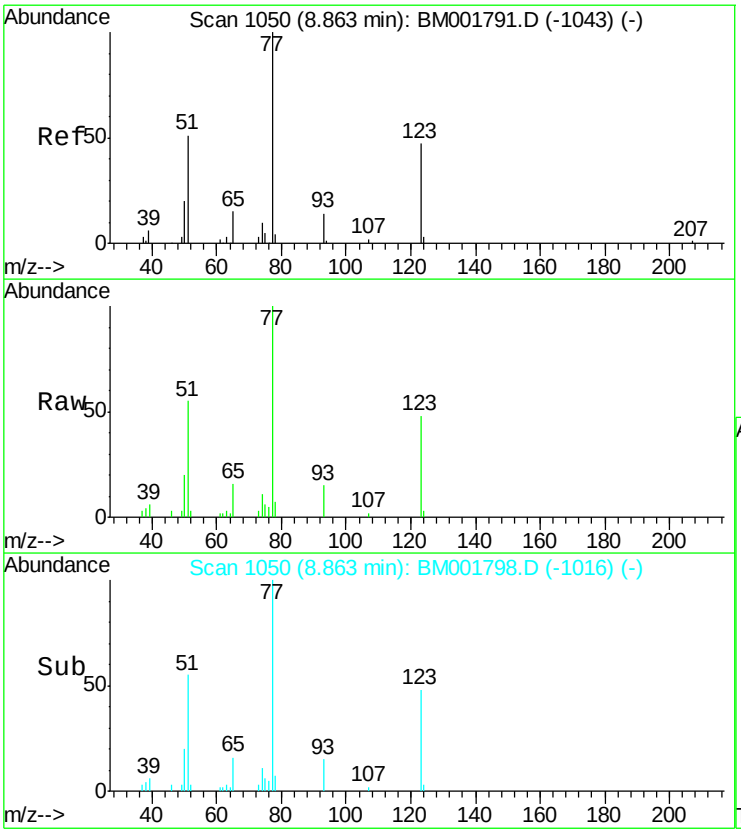

#2
1,4-Dioxane
Concen: 3.36 ng/uL
RT: 2.88 min Scan# 33
Delta R.T. -0.29 min
Lab File: BM001798.D
Acq: 25 Jun 2015 14:47

**Instrument :**
BNA_M
**ClientSampleId :**
C0BK2

Tgt Ion: 88 Resp: 3395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 2450.5 | 24.2 | 36.4# |
| 58 | 35.6 | 56.2 | 84.2# |

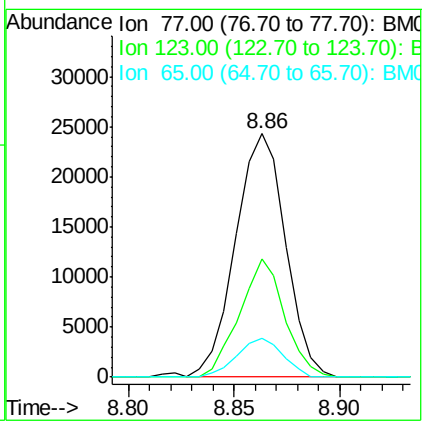


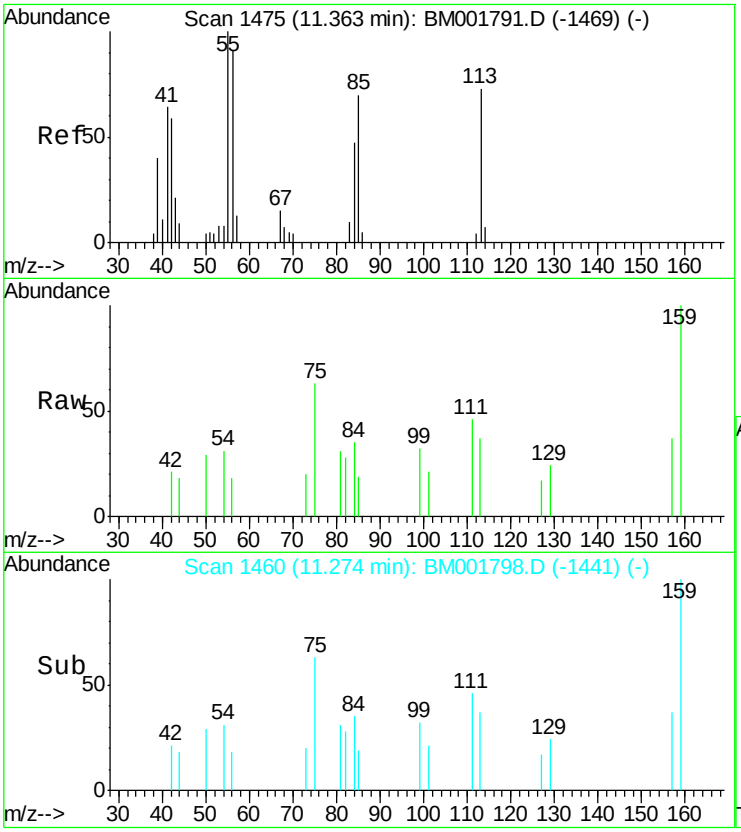




#20
Nitrobenzene
Concen: 12.48 ng/ul
RT: 8.86 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BM001798.D
Acq: 25 Jun 2015 14:47

Tgt Ion: 77 Resp: 39922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.3 | 34.0 | 51.0 |
| 65 | 16.0 | 11.3 | 16.9 |






#32
Caprolactam
Concen: 1.24 ng/ul
RT: 11.27 min Scan# 1460
Delta R.T. -0.09 min
Lab File: BM001798.D
Acq: 25 Jun 2015 14:47

**Instrument :**
BNA_M
**ClientSampleId :**
C0BK2

Tgt Ion:113 Resp: 992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 0.0 | 123.3 | 184.9# |
| 56 | 50.0 | 98.6 | 147.8# |