Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011017\
Data File : BM008751.D
Acq On : 09 Jan 2017 22:46
Operator : UM/SJ
Sample : I1061-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DA972

Quant Time: Jan 10 00:42:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 10 00:37:03 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.95 | 152 | 107100 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.76 | 136 | 434535 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.59 | 164 | 326660 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.33 | 188 | 725831 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.49 | 240 | 928308 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.86 | 264 | 856115 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 3906 | 1.68 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.10 | 99 | 59487 | 6.76 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.29 | 67 | 183068 | 30.66 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.49 | 132 | 152597 | 24.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.65 | 113 | 106609 | 15.62 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.12 | 128 | 90054 | 33.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.84 | 143 | 104076 | 35.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.37 | 165 | 194291 | 28.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.89 | 131 | 7658 | 1.03 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.99 | 166 | 711144 | 33.00 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.28 | 160 | 839896 | 33.05 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.76 | 143 | 20478 | 5.81 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.57 | 176 | 629648 | 31.68 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.69 | 200 | 116228 | 31.07 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.43 | 188 | 1061033 | 33.93 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.71 | 212 | 1264131 | 30.91 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.70 | 264 | 1158318 | 33.17 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 21) Isophorone | 9.84 | 82 | 19030 | 1.13 | ng/ul# | 73 |
| 45) 2,6-Dinitrotoluene | 13.99 | 165 | 5973 | 1.59 | ng/ul# | 39 |

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

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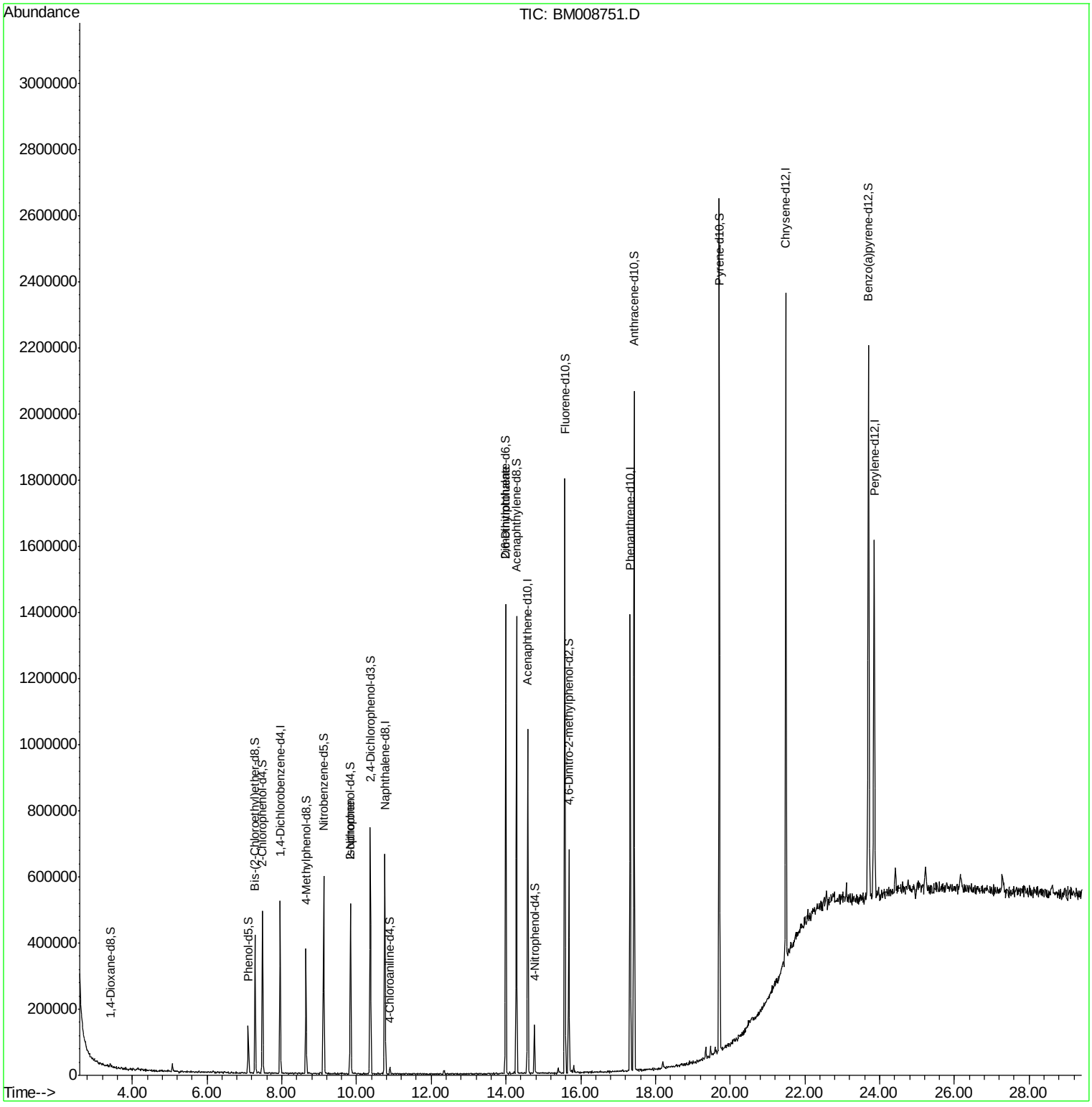
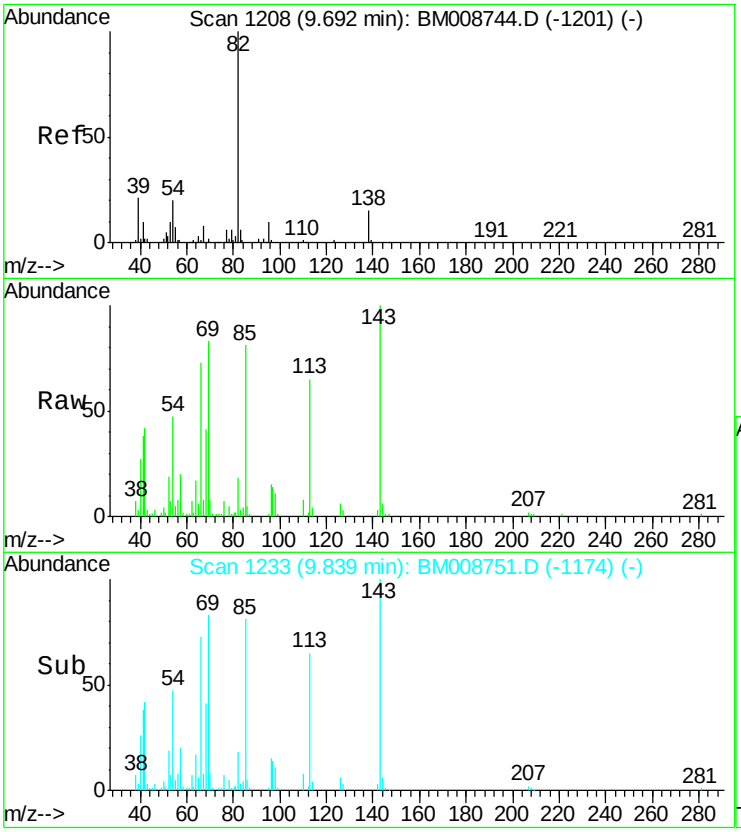


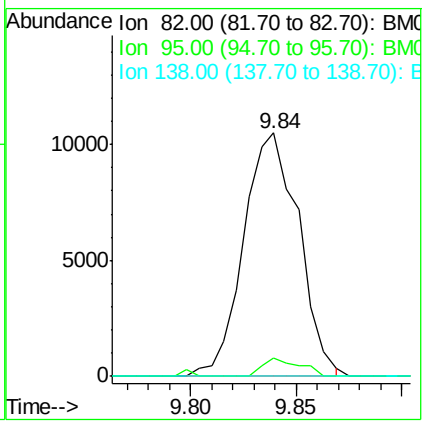


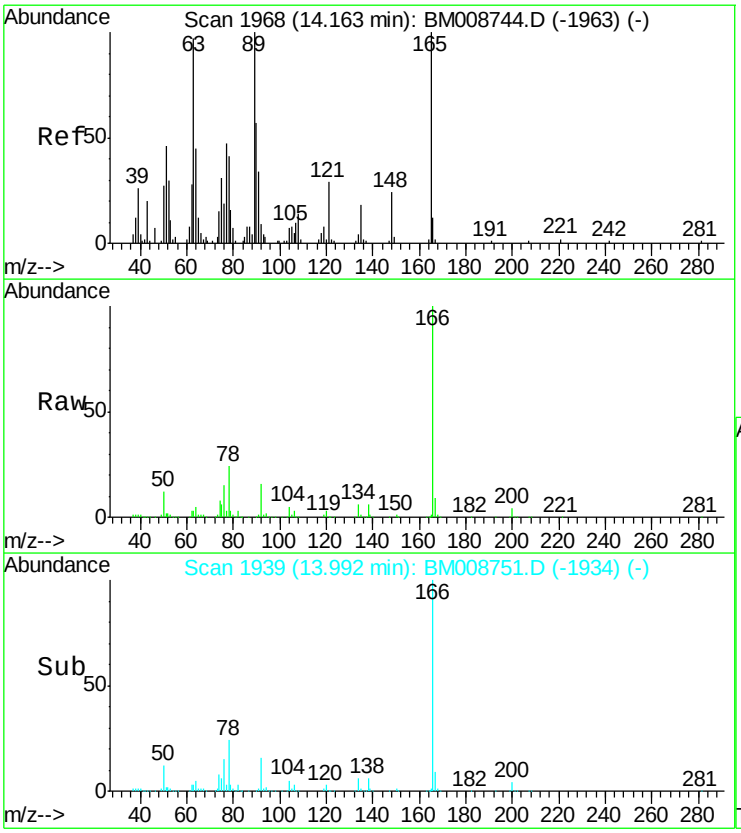

#21
Isophorone
Concen: 1.13 ng/ul
RT: 9.84 min Scan# 1233
Delta R.T. 0.15 min
Lab File: BM008751.D
Acq: 09 Jan 2017 22:46

**Instrument :**
BNA_M
**ClientSampleId :**
DA972

Tgt Ion: 82 Resp: 19030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 6.1 | 9.1 |
| 138 | 0.0 | 13.4 | 20.2# |




#45
2,6-Dinitrotoluene
Concen: 1.59 ng/ul
RT: 13.99 min Scan# 1939
Delta R.T. -0.17 min
Lab File: BM008751.D
Acq: 09 Jan 2017 22:46

Tgt Ion:165 Resp: 5973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 50.6 | 76.0# |
| 121 | 21.3 | 18.2 | 27.2 |