Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040418\
Data File : BM014670.D
Acq On : 04 Apr 2018 12:38
Operator : SJ/JU
Sample : PB107943BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 05 01:48:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 05 01:48:25 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.58 | 152 | 425984 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.43 | 136 | 1816168 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.18 | 164 | 1033505 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.89 | 188 | 2249694 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.98 | 240 | 2172342 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.50 | 264 | 1901339 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.69 | 96 | 65423 | 7.39 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.69 | 99 | 1105713 | 32.55 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.88 | 67 | 749090 | 35.05 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.09 | 132 | 936254 | 33.40 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.27 | 113 | 932483 | 33.60 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.76 | 128 | 433487 | 37.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.49 | 143 | 392674 | 37.41 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 11.03 | 165 | 873408 | 32.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.55 | 131 | 1339381 | 44.17 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.57 | 166 | 3029022 | 37.09 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.88 | 160 | 3726051 | 35.92 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.32 | 143 | 418553 | 31.58 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.16 | 176 | 2526772 | 35.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.24 | 200 | 242676 | 25.27 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.99 | 188 | 3874818 | 36.56 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 20.22 | 212 | 4070863 | 36.92 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.34 | 264 | 3320892 | 35.57 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) N-Nitroso-di-n-propylamine | 9.27 | 70 | 23328 | 1.062 | ng/ul# | 1 |
| 45) 2,6-Dinitrotoluene | 14.57 | 165 | 21272 | 1.674 | ng/ul# | 46 |

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

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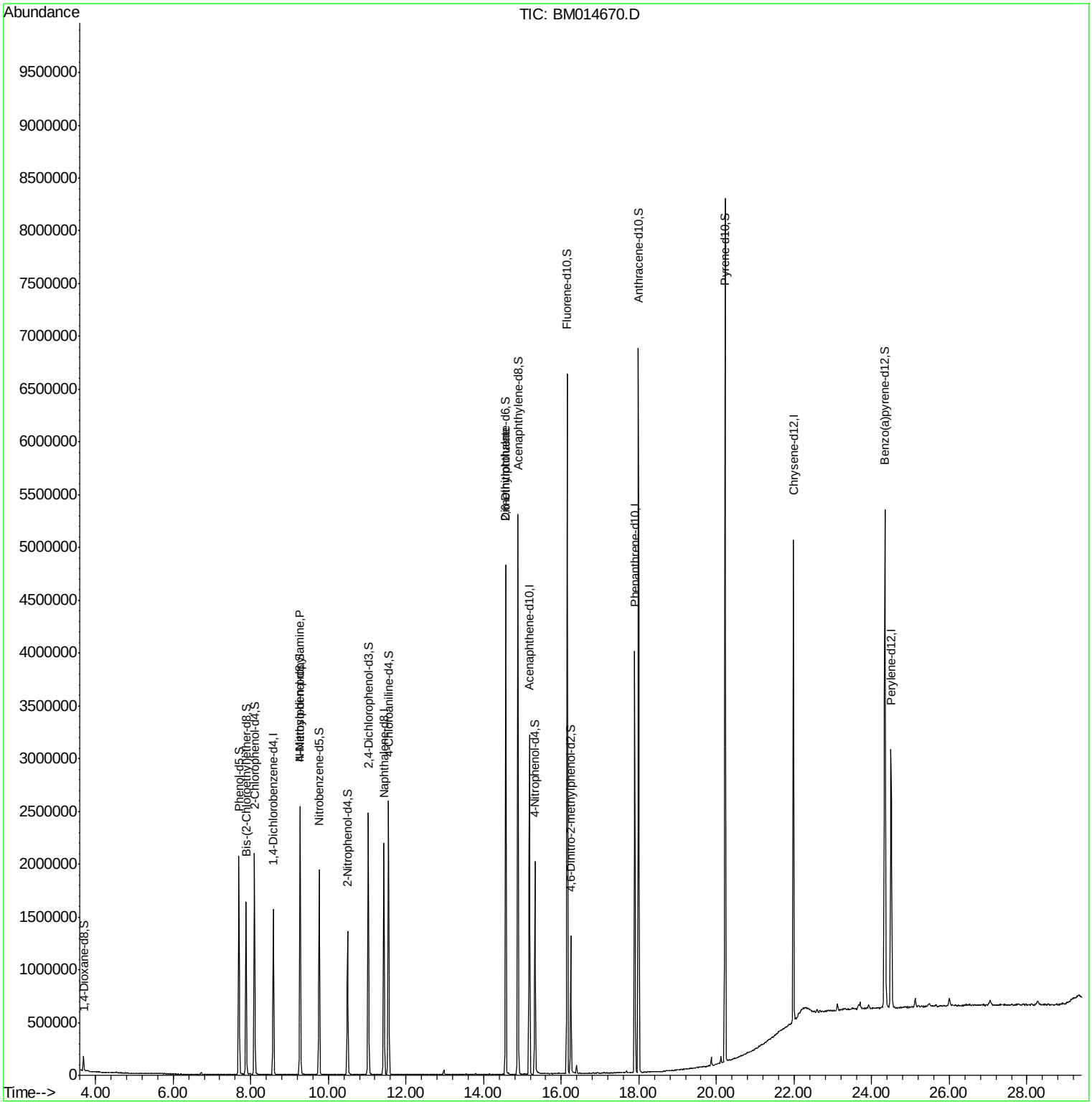
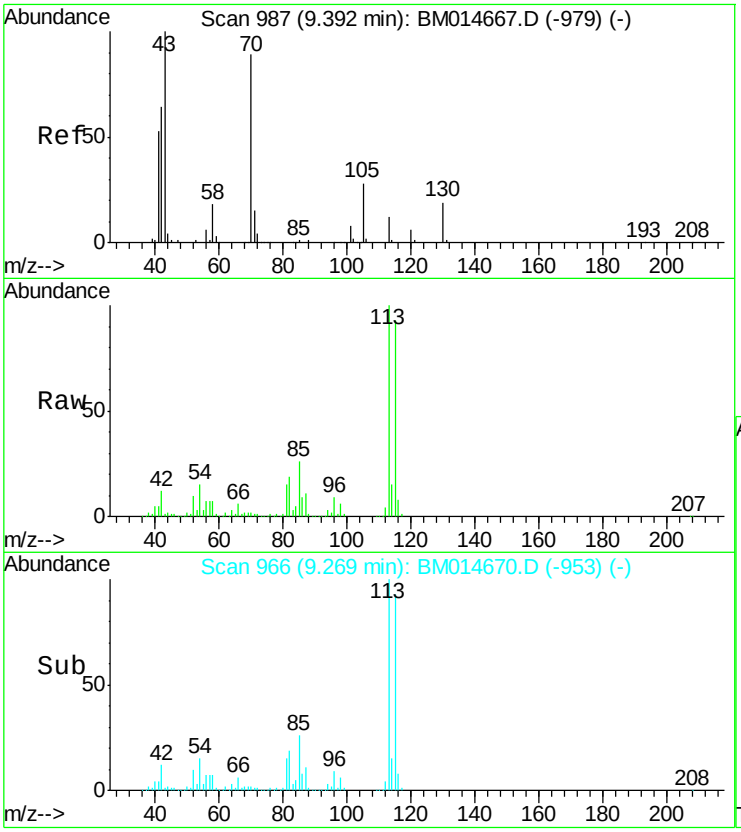


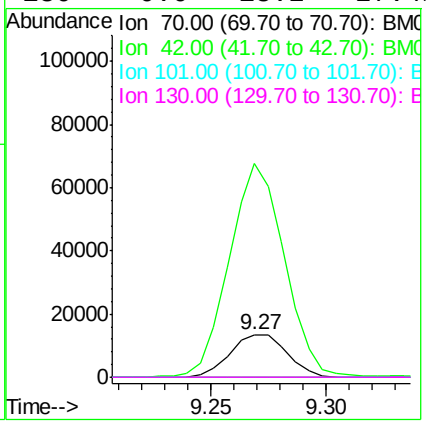


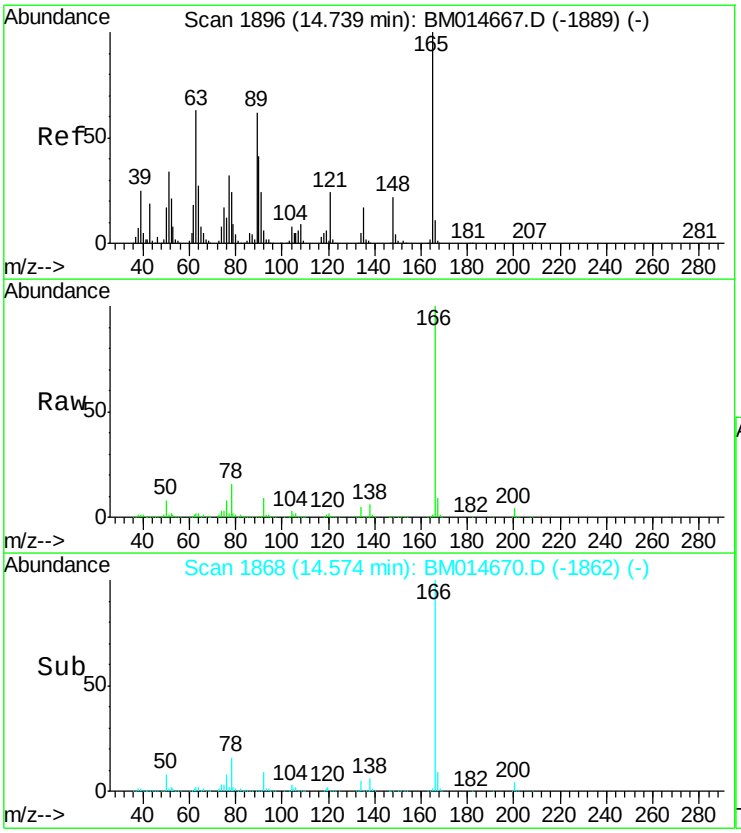

#15
N-Nitroso-di-n-propylamine
Concen: 1.062 ng/ul
RT: 9.27 min Scan# 966
Delta R.T. -0.12 min
Lab File: BM014670.D
Acq: 04 Apr 2018 12:38

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

Tgt Ion: 70 Resp: 23328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 498.5 | 35.4 | 53.0# |
| 101 | 0.0 | 8.4 | 12.6# |
| 130 | 0.0 | 18.2 | 27.4# |




#45
2,6-Dinitrotoluene
Concen: 1.674 ng/ul
RT: 14.57 min Scan# 1868
Delta R.T. -0.16 min
Lab File: BM014670.D
Acq: 04 Apr 2018 12:38

Tgt Ion:165 Resp: 21272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 2.4 | 42.4 | 63.6# |
| 121 | 24.8 | 16.6 | 24.8 |