Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014703.D
Acq On : 13 Apr 2018 17:16
Operator : SJ/JU
Sample : PB108216BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 14 01:13:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 14 01:12:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.57 | 152 | 468763 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.42 | 136 | 1996021 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.17 | 164 | 1030658 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.88 | 188 | 2000820 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.96 | 240 | 1618020 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.48 | 264 | 1528168 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.69 | 96 | 75237 | 7.72 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.69 | 99 | 1335271 | 35.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.87 | 67 | 879169 | 37.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.09 | 132 | 1114143 | 36.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.26 | 113 | 1125731 | 36.86 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.75 | 128 | 539559 | 42.03 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.48 | 143 | 550561 | 47.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 11.02 | 165 | 1020074 | 34.60 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.54 | 131 | 1530641 | 45.93 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.56 | 166 | 3163716 | 38.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.87 | 160 | 4018216 | 38.85 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.32 | 143 | 494244 | 37.40 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.14 | 176 | 2615225 | 37.34 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.24 | 200 | 319909 | 37.46 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.98 | 188 | 3771170 | 40.01 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 20.22 | 212 | 3628324 | 44.19 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.31 | 264 | 3016233 | 40.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) N-Nitroso-di-n-propylamine | 9.26 | 70 | 27812 | 1.151 | ng/ul# | 1 |
| 45) 2,6-Dinitrotoluene | 14.56 | 165 | 20323 | 1.604 | ng/ul# | 44 |

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

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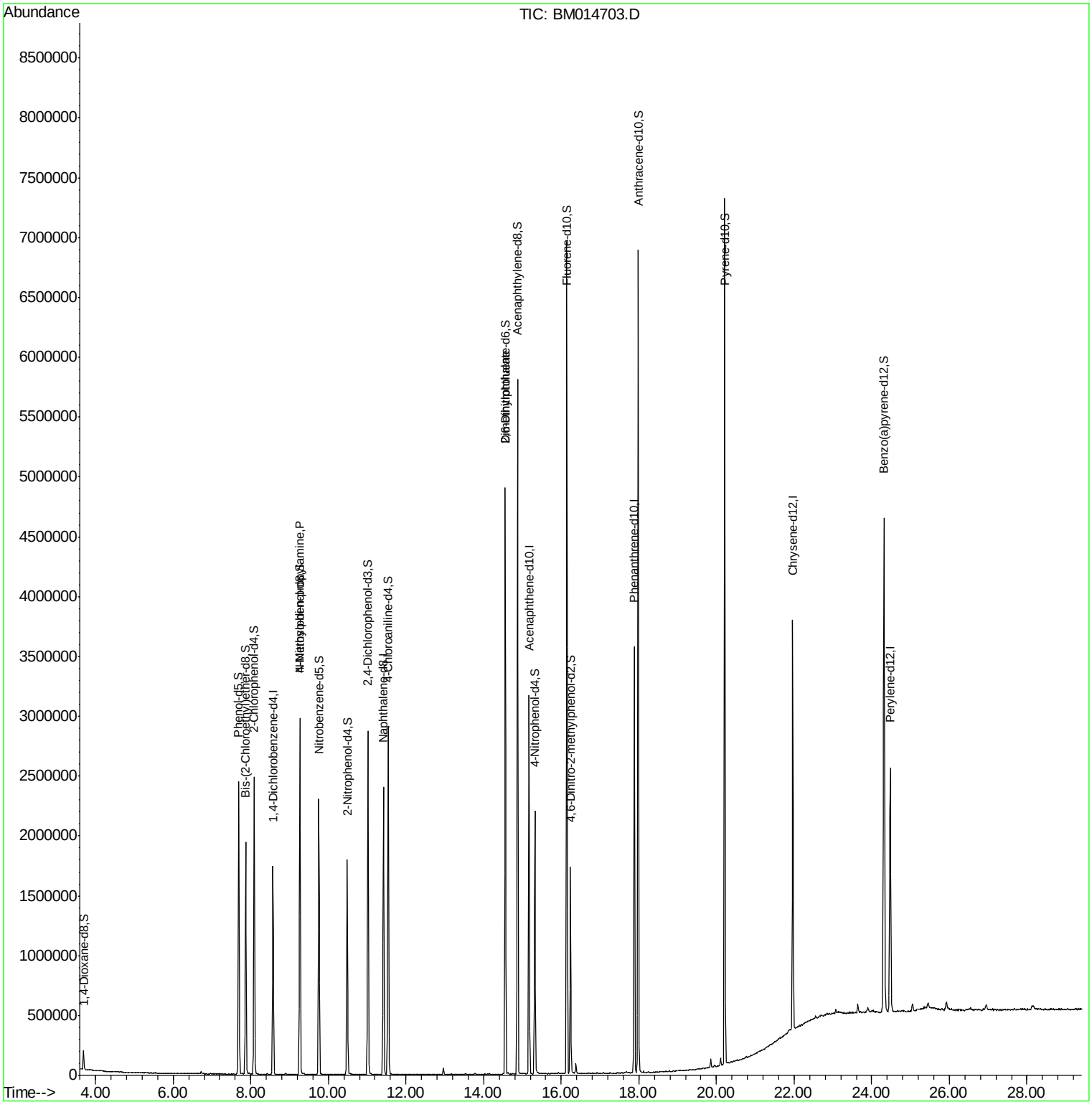
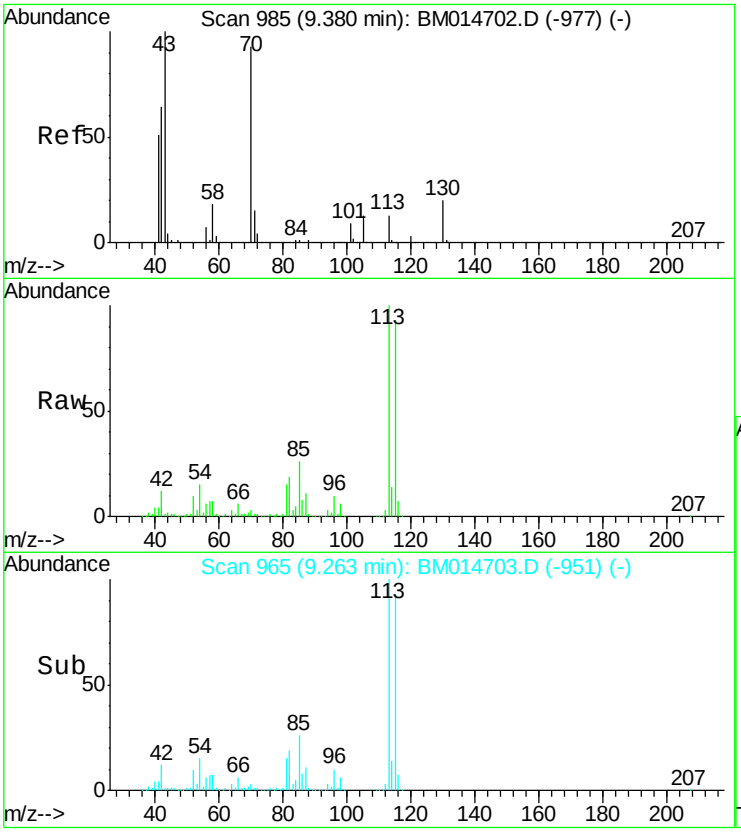


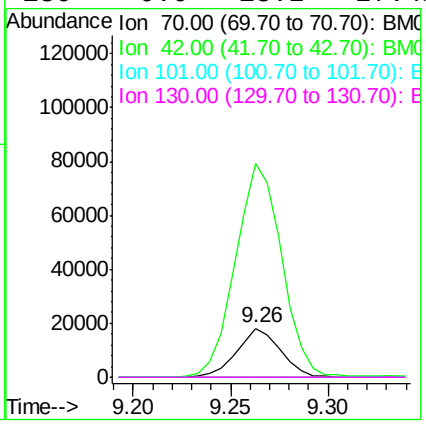


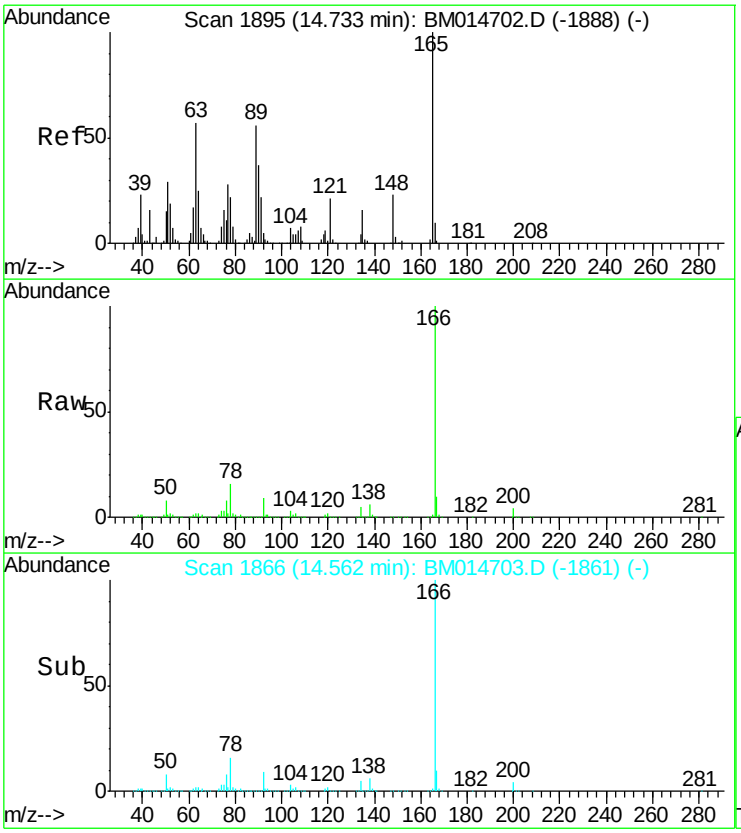

#15
N-Nitroso-di-n-propylamine
Concen: 1.151 ng/ul
RT: 9.26 min Scan# 965
Delta R.T. -0.12 min
Lab File: BM014703.D
Acq: 13 Apr 2018 17:16

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

Tgt Ion: 70 Resp: 27812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 438.0 | 35.4 | 53.0# |
| 101 | 0.0 | 8.4 | 12.6# |
| 130 | 0.0 | 18.2 | 27.4# |




#45
2,6-Dinitrotoluene
Concen: 1.604 ng/ul
RT: 14.56 min Scan# 1866
Delta R.T. -0.17 min
Lab File: BM014703.D
Acq: 13 Apr 2018 17:16

Tgt Ion:165 Resp: 20323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 2.7 | 42.4 | 63.6# |
| 121 | 28.8 | 16.6 | 24.8# |