Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008810.D
Acq On : 23 Jan 2017 20:18
Operator : UM/SJ
Sample : PB96206BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SBLK06

Quant Time: Jan 24 02:52:08 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:47:47 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.94 | 152 | 57960 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.75 | 136 | 245534 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.57 | 164 | 199464 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.32 | 188 | 476892 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.49 | 240 | 617252 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.85 | 264 | 375314 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.39 | 96 | 12338 | 10.52 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.09 | 99 | 216494 | 44.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.27 | 67 | 192502 | 49.33 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.47 | 132 | 143011 | 44.71 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.63 | 113 | 163357 | 42.50 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.10 | 128 | 76976 | 49.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.83 | 143 | 88924 | 46.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.35 | 165 | 170636 | 42.91 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.88 | 131 | 281422 | 65.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.98 | 166 | 648954 | 49.66 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.27 | 160 | 724570 | 46.86 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.76 | 143 | 95572 | 43.72 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.57 | 176 | 578201 | 46.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.68 | 200 | 119478 | 42.07 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.42 | 188 | 1035407 | 49.65 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.70 | 212 | 1258388 | 46.48 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.70 | 264 | 774478 | 48.73 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) N-Nitroso-di-n-propylamine | 8.64 | 70 | 9600 | 2.09 | ng/ul# | 1 |
| 21) Isophorone | 9.83 | 82 | 24122 | 2.17 | ng/ul# | 72 |
| 45) 2,6-Dinitrotoluene | 13.99 | 165 | 4837 | 1.93 | ng/ul# | 55 |

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

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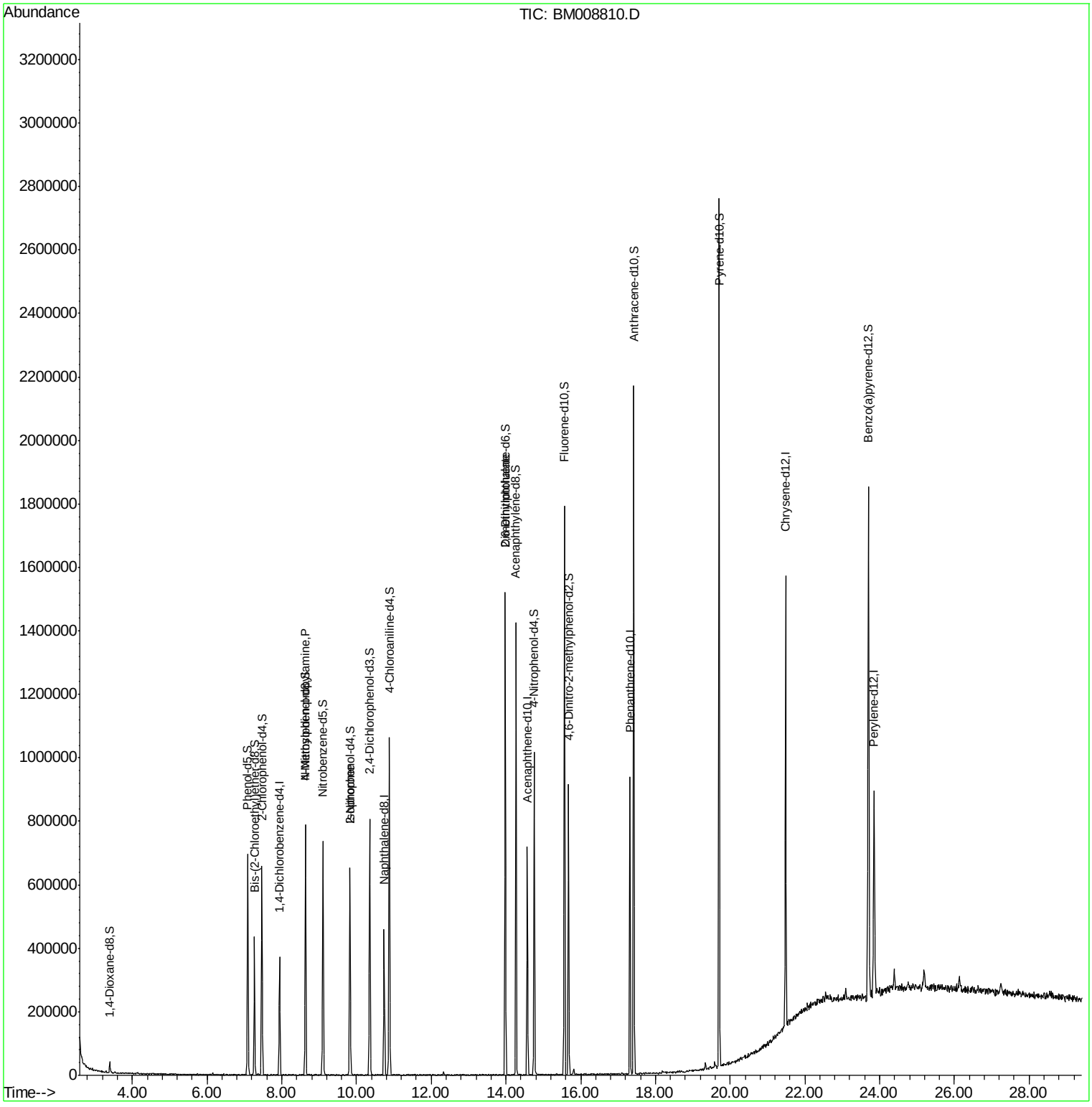
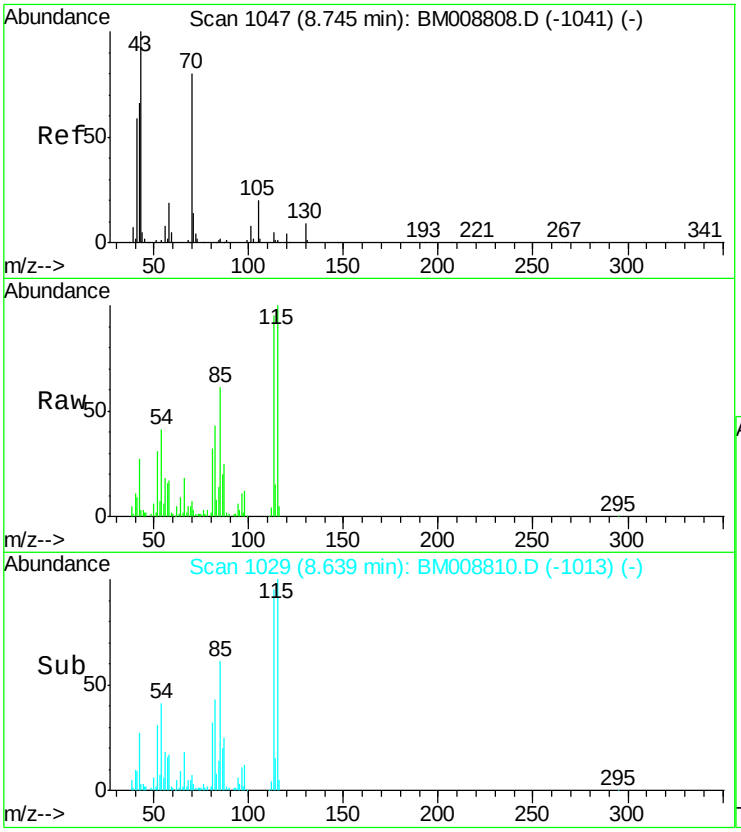


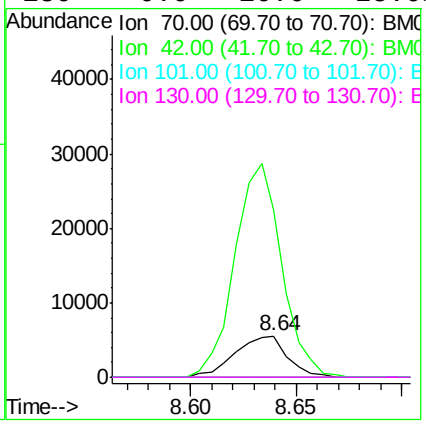


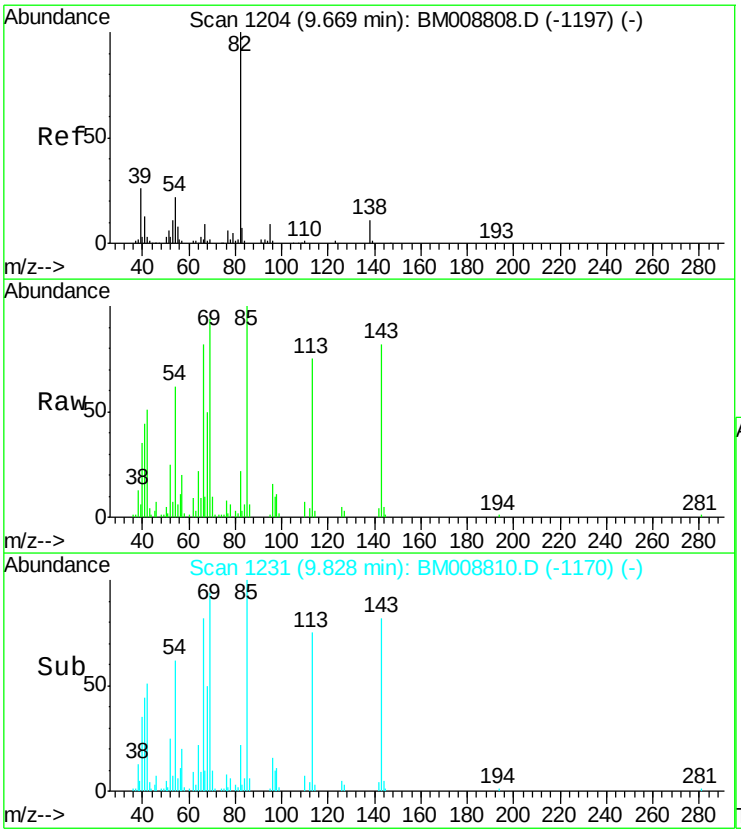

#15
N-Nitroso-di-n-propylamine
Concen: 2.09 ng/ul
RT: 8.64 min Scan# 1029
Delta R.T. -0.11 min
Lab File: BM008810.D
Acq: 23 Jan 2017 20:18

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK06

Tgt Ion: 70 Resp: 9600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 405.8 | 37.5 | 56.3# |
| 101 | 0.0 | 7.8 | 11.8# |
| 130 | 0.0 | 16.6 | 25.0# |

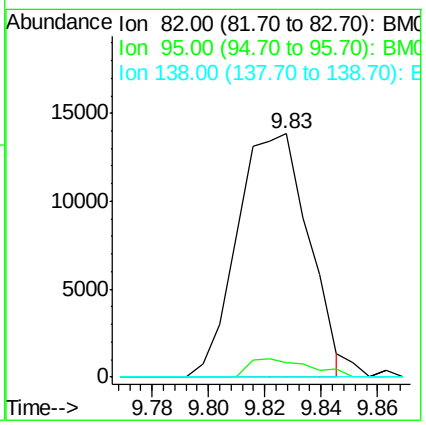


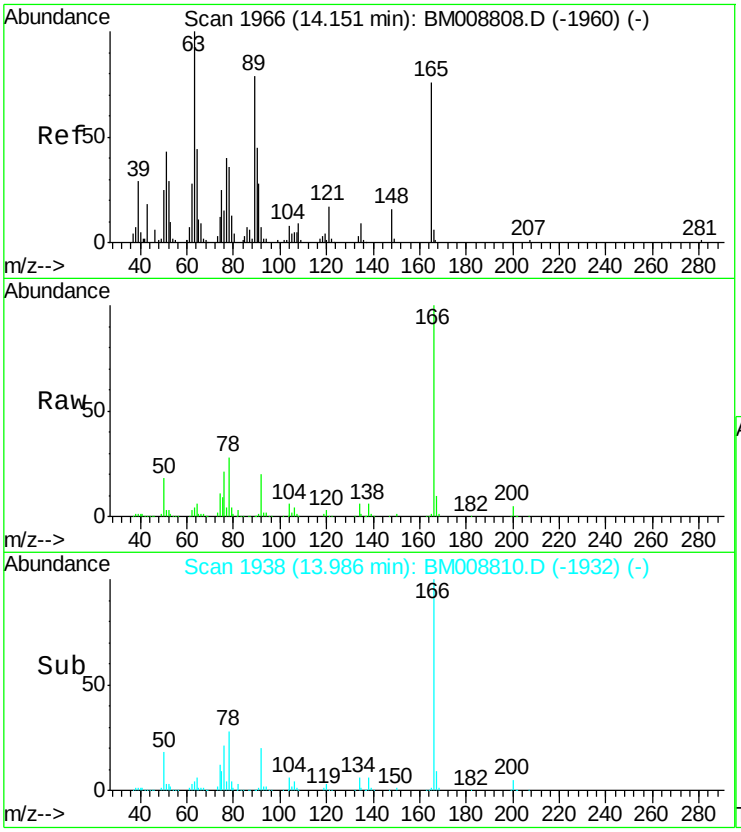




#21
Isophorone
Concen: 2.17 ng/ul
RT: 9.83 min Scan# 1231
Delta R.T. 0.16 min
Lab File: BM008810.D
Acq: 23 Jan 2017 20:18

Tgt Ion: 82 Resp: 24122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 5.9 | 6.1 | 9.1# |
| 138 | 0.0 | 13.4 | 20.2# |






#45
2,6-Dinitrotoluene
Concen: 1.93 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. -0.16 min
Lab File: BM008810.D
Acq: 23 Jan 2017 20:18

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK06

Tgt Ion:165 Resp: 4837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 22.1 | 50.6 | 76.0# |
| 121 | 33.6 | 18.2 | 27.2# |