

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073018\  
 Data File : BM016123.D  
 Acq On : 30 Jul 2018 19:01  
 Operator : SJ/JU  
 Sample : PB111578BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 31 06:42:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 31 06:41:25 2018  
 Response via : Initial Calibration

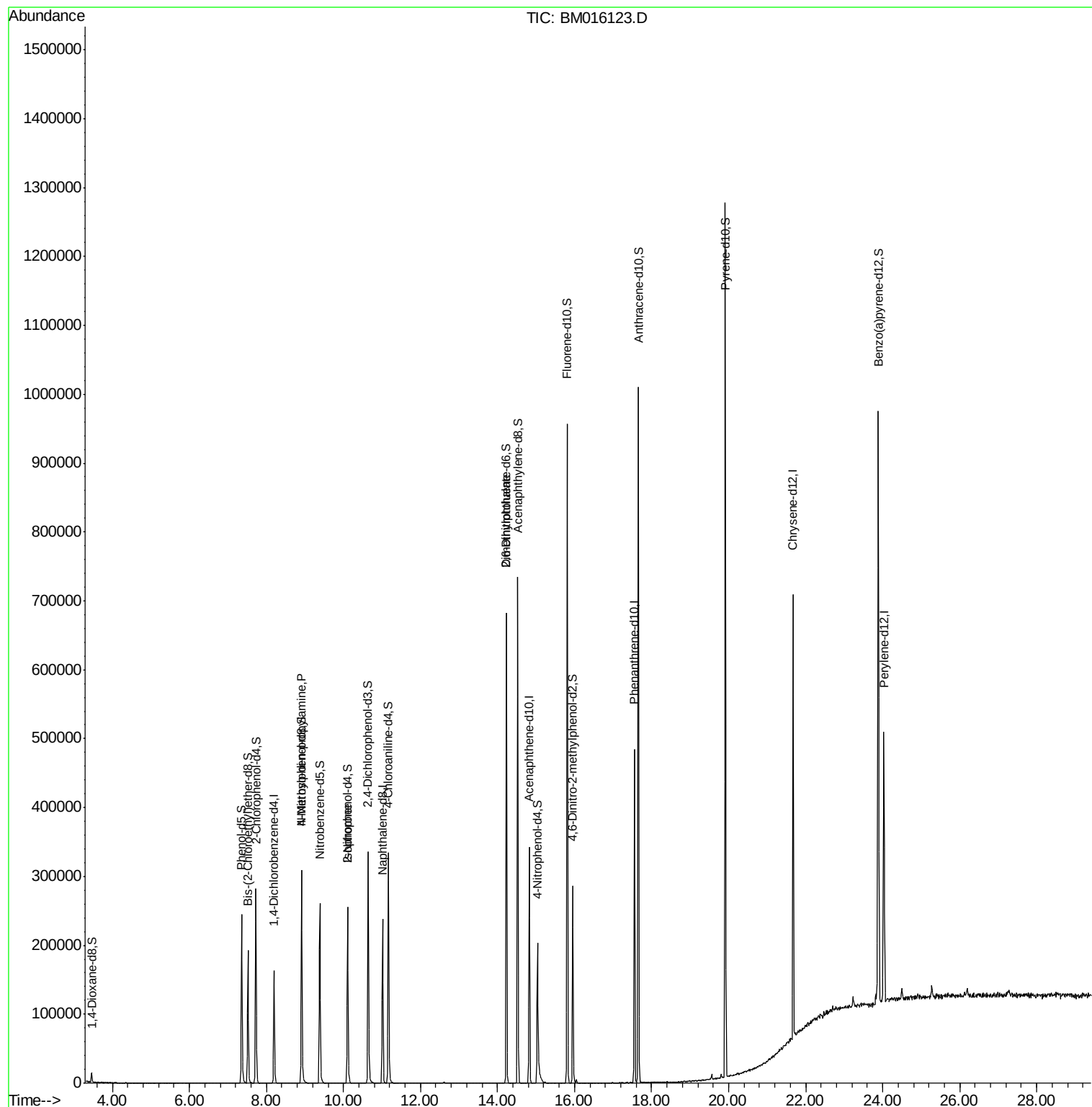
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.20  | 152  | 36037    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 11.02 | 136  | 163696   | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.82 | 164  | 98214    | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.56 | 188  | 224074   | 20.00 | ng/ul  | 0.00     |
| 77) Chrysene-d12               | 21.67 | 240  | 248849   | 20.00 | ng/ul  | 0.00     |
| 85) Perylene-d12               | 24.03 | 264  | 248041   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.46  | 96   | 6379     | 7.79  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.35  | 99   | 104556   | 31.74 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.52  | 67   | 75273    | 36.33 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.72  | 132  | 99958    | 37.37 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.91  | 113  | 96411    | 34.18 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.39  | 128  | 47938    | 40.78 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.10 | 143  | 55348    | 41.42 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165  | 93668    | 36.19 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.16 | 131  | 141263   | 44.86 | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 14.23 | 166  | 364436   | 40.71 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.52 | 160  | 413801   | 40.53 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.04 | 143  | 41733    | 26.90 | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.81 | 176  | 298037   | 39.25 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.95 | 200  | 43722    | 29.24 | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.66 | 188  | 464090   | 40.46 | ng/ul  | 0.00     |
| 78) Pyrene-d10                 | 19.92 | 212  | 527014   | 45.69 | ng/ul  | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.89 | 264  | 516186   | 37.84 | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 15) N-Nitroso-di-n-propylamine | 8.92  | 70   | 3262     | 1.392 | ng/ul# | 1        |
| 21) Isophorone                 | 10.10 | 82   | 7736     | 1.335 | ng/ul# | 71       |
| 45) 2,6-Dinitrotoluene         | 14.23 | 165  | 1913     | 1.208 | ng/ul# | 34       |

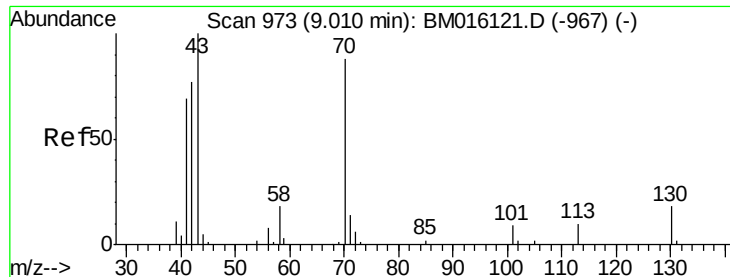
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 1.392 ng/ul

RT: 8.92 min Scan# 957

Delta R.T. -0.09 min

Lab File: BM016123.D

Acq: 30 Jul 2018 19:01

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 3262

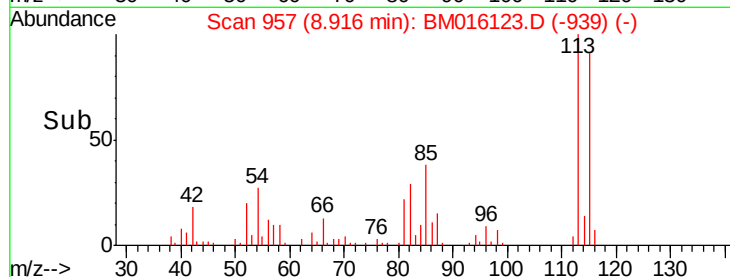
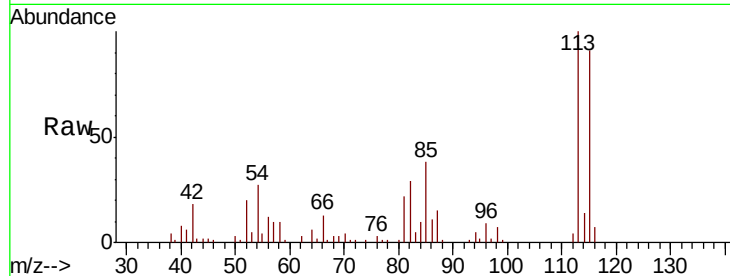
Ion Ratio Lower Upper

70 100

42 444.8 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#

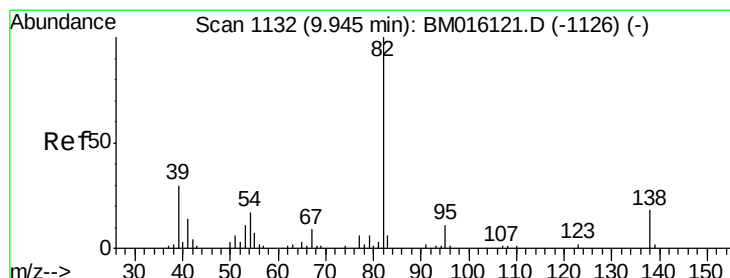
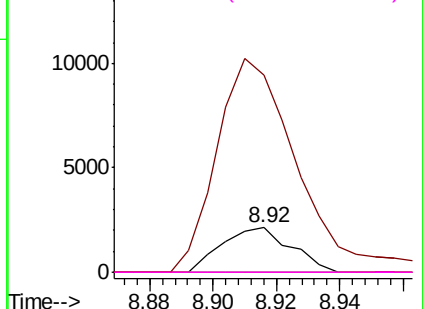


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Isophorone

Concen: 1.335 ng/ul

RT: 10.10 min Scan# 1159

Delta R.T. 0.16 min

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Acq: 30 Jul 2018 19:01

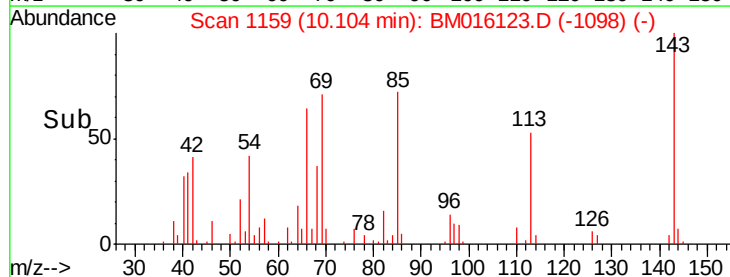
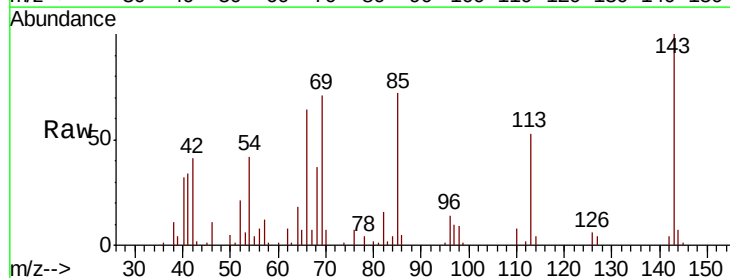
Tgt Ion: 82 Resp: 7736

Ion Ratio Lower Upper

82 100

95 8.5 6.4 9.6

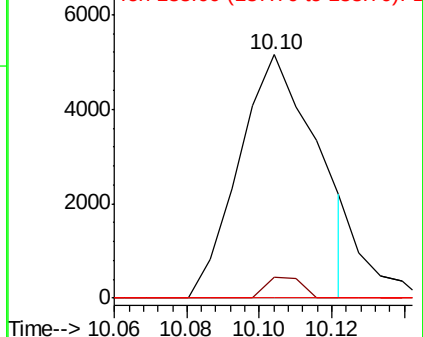
138 0.0 14.9 22.3#

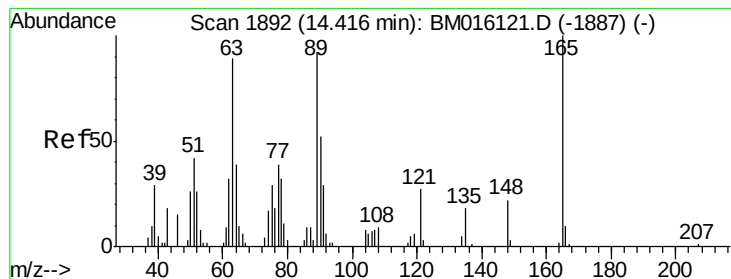


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#45

2,6-Dinitrotoluene

Concen: 1.208 ng/ul

RT: 14.23 min Scan# 1861

Delta R.T. -0.18 min

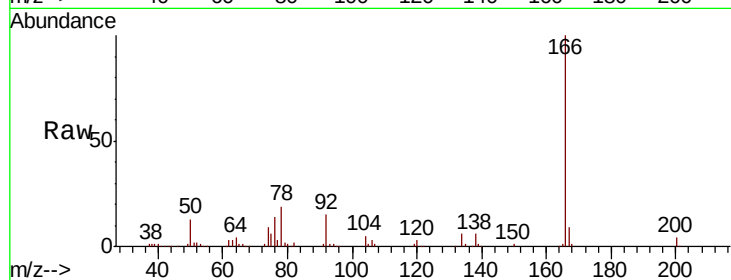
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BNA\_M

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 165   | Resp: | 1913  |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 0.0   | 42.4  | 63.6# |
| 121      | 41.3  | 16.6  | 24.8# |

