

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\  
 Data File : BM024913.D  
 Acq On : 17 Feb 2020 19:17  
 Operator : CG/JU  
 Sample : PB126689BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 18 00:34:02 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM020620MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 15 06:02:17 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 267216   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.14 | 136  | 966499   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.04 | 164  | 581085   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.79 | 188  | 1202160  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.01 | 240  | 1195785  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.10 | 264  | 1279691  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 49351   | 8.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.59  | 99  | 677314  | 38.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.75  | 67  | 422056  | 42.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.93  | 132 | 590063  | 37.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.10  | 113 | 519864  | 34.71 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.53  | 128 | 266430  | 38.12 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.24  | 143 | 306395  | 37.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.78  | 165 | 549581  | 32.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.29 | 131 | 674072  | 43.26 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 1500425 | 34.21 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.72 | 160 | 1888453 | 36.87 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 654     | 0.09  | ng/ul | 0.15 |
| 58) Fluorene-d10               | 15.04 | 176 | 1341806 | 34.55 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 208655  | 26.63 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.89 | 188 | 1960981 | 35.73 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.20 | 212 | 2168254 | 36.25 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.98 | 264 | 2337679 | 36.37 | ng/ul | 0.00 |

## Target Compounds

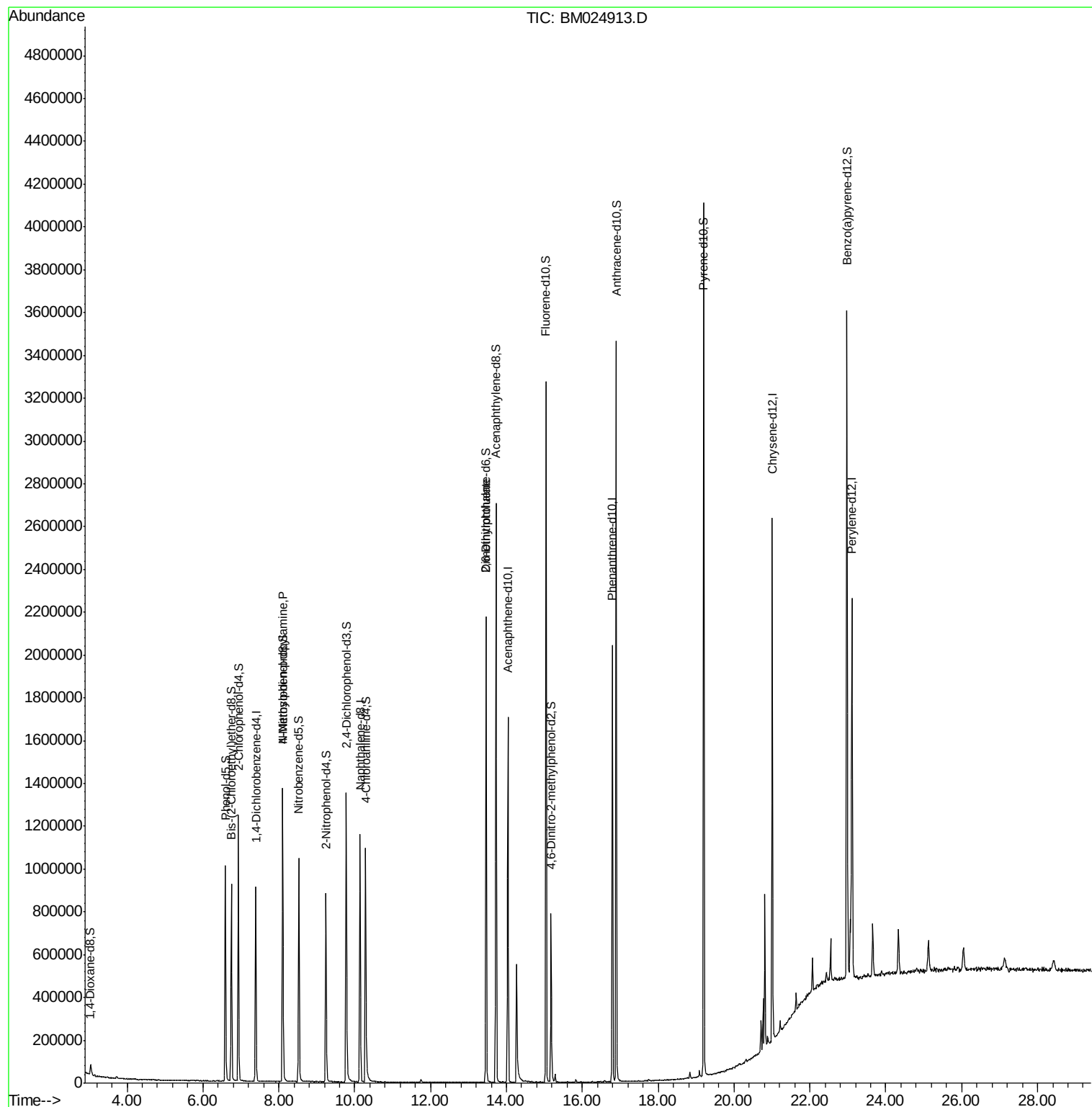
|                                |       |     |       | Ovalue       |    |
|--------------------------------|-------|-----|-------|--------------|----|
| 15) N-Nitroso-di-n-propylamine | 8.10  | 70  | 13629 | 1.222 ng/ul# | 1  |
| 46) 2,6-Dinitrotoluene         | 13.47 | 165 | 10475 | 1.132 ng/ul# | 46 |

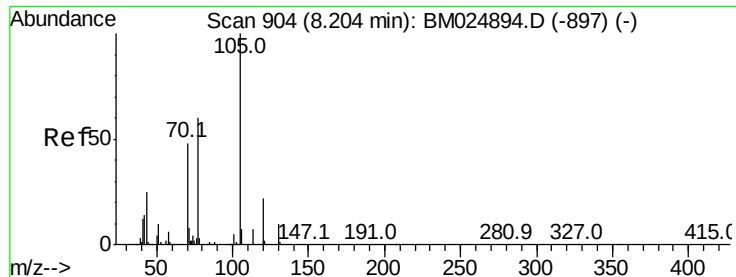
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 1.222 ng/ul

RT: 8.10 min Scan# 886

Delta R.T. -0.11 min

Lab File: BM024913.D

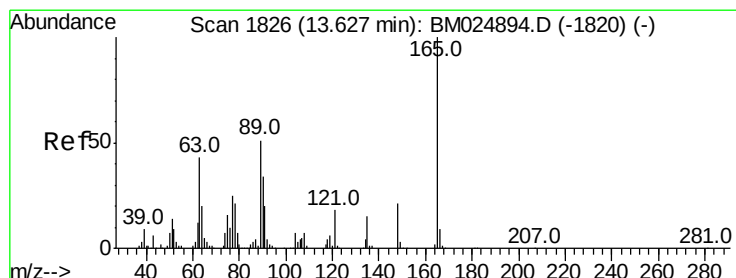
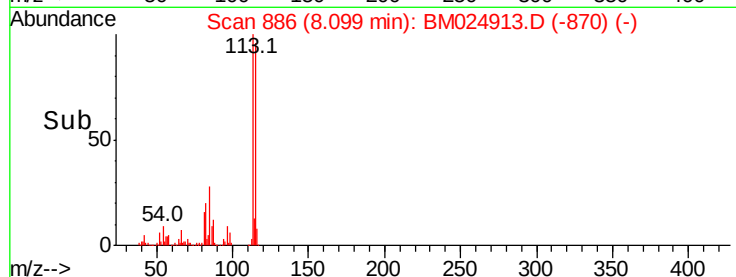
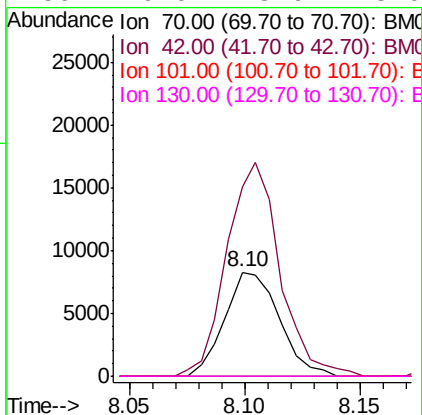
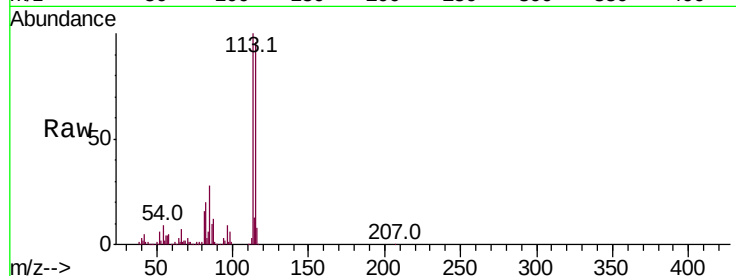
Acq: 17 Feb 2020 19:17

Instrument :

BNA\_M

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 13629 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 183.0 | 35.6  | 53.4# |
| 101      | 0.0   | 8.6   | 13.0# |
| 130      | 0.0   | 18.6  | 28.0# |



#46

2,6-Dinitrotoluene

Concen: 1.132 ng/ul

RT: 13.47 min Scan# 1799

Delta R.T. -0.16 min

Lab File: BM024913.D

Acq: 17 Feb 2020 19:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 10475 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 0.0   | 38.4  | 57.6# |
| 121      | 21.6  | 14.1  | 21.1# |

