

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM071119\  
 Data File : BM021431.D  
 Acq On : 11 Jul 2019 17:06  
 Operator : HP/JU  
 Sample : PB121293BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK93

Quant Time: Jul 12 04:54:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 08 17:45:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 153190   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 574203   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.37 | 164  | 325463   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.13 | 188  | 750200   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.32 | 240  | 729808   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.58 | 264  | 835629   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 21971   | 7.06  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.91  | 99  | 373153  | 31.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 224072  | 31.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 322788  | 31.49 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.44  | 113 | 299538  | 31.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.90  | 128 | 153905  | 32.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 167393  | 31.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.15 | 165 | 320417  | 30.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 404106  | 41.90 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 964982  | 33.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.07 | 160 | 1118822 | 31.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.60 | 143 | 107368  | 23.77 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.37 | 176 | 851279  | 33.46 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 99315   | 19.69 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.23 | 188 | 1321409 | 33.91 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.52 | 212 | 1451913 | 36.25 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.43 | 264 | 1680028 | 34.96 | ng/ul | 0.00 |

## Target Compounds

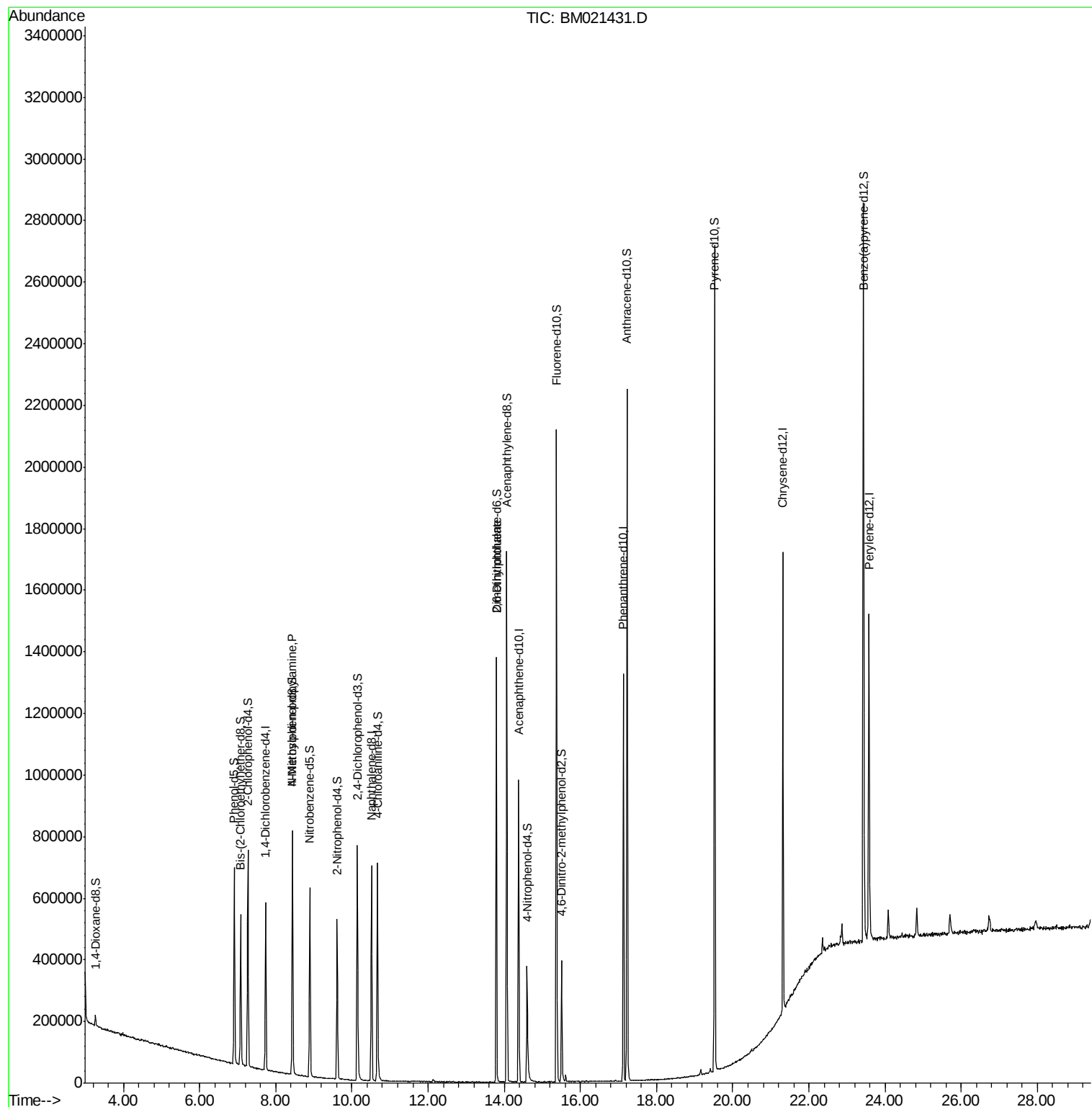
|                                |       |     |      |       | Qvalue |    |
|--------------------------------|-------|-----|------|-------|--------|----|
| 15) N-Nitroso-di-n-propylamine | 8.44  | 70  | 7415 | 1.035 | ng/ul# | 1  |
| 45) 2,6-Dinitrotoluene         | 13.79 | 165 | 6920 | 1.432 | ng/ul# | 40 |

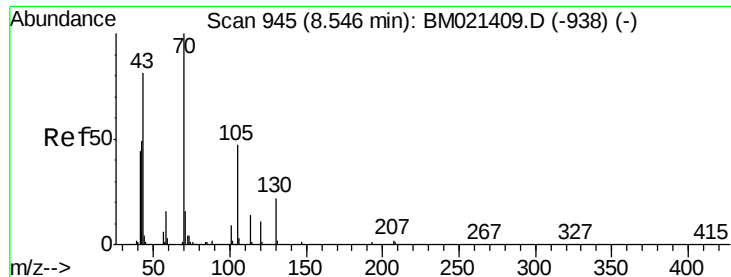
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jul 08 17:45:45 2019  
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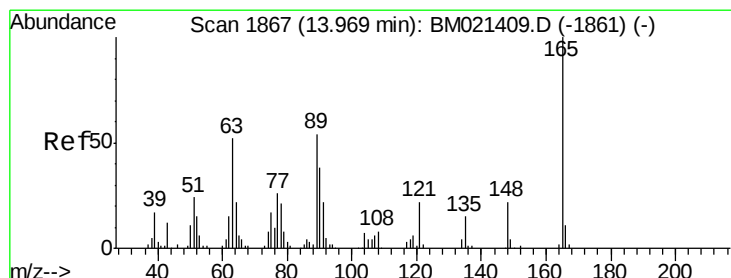
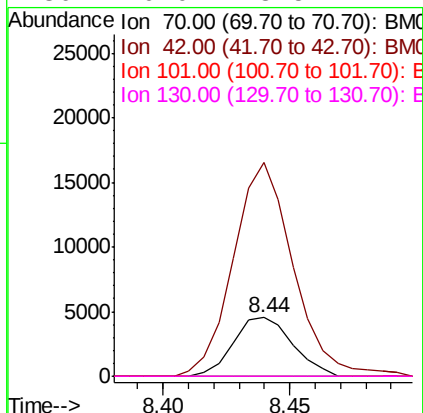
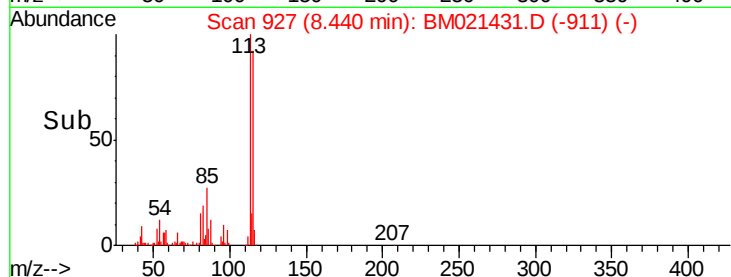
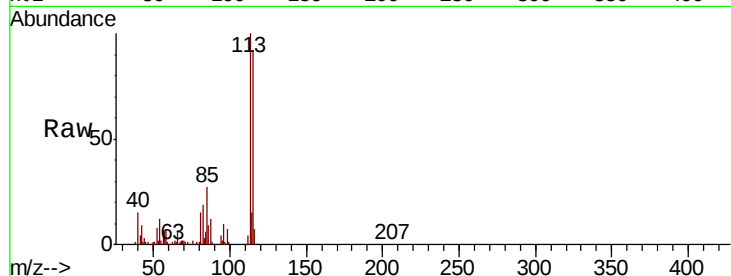




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.035 ng/ul  
RT: 8.44 min Scan# 927  
Delta R.T. -0.11 min  
Lab File: BM021431.D  
Acq: 11 Jul 2019 17:06

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 7415  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 365.4 | 39.9  | 59.9# |
| 101      | 0.0   | 7.6   | 11.4# |
| 130      | 0.0   | 18.5  | 27.7# |



#45  
2,6-Dinitrotoluene  
Concen: 1.432 ng/ul  
RT: 13.79 min Scan# 1837  
Delta R.T. -0.18 min  
Lab File: BM021431.D  
Acq: 11 Jul 2019 17:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 6920  |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 0.0   | 45.4  | 68.2# |
| 121      | 30.5  | 18.1  | 27.1# |

