

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM071719\  
 Data File : BM021525.D  
 Acq On : 18 Jul 2019 16:03  
 Operator : HP/JU  
 Sample : PB121446BL  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK46

Quant Time: Jul 18 17:08:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 18 02:48:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 180973   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.50 | 136  | 728475   | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.36 | 164  | 413412   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.12 | 188  | 896843   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.31 | 240  | 814321   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.56 | 264  | 933885   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 21802   | 5.93  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.89  | 99  | 398521  | 28.32 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 242482  | 29.06 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 345665  | 28.54 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 333159  | 29.72 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 174763  | 29.13 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 194240  | 28.63 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 359725  | 26.58 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 461214  | 37.69 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.78 | 166 | 1073958 | 29.66 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.05 | 160 | 1269360 | 27.92 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 108779  | 18.96 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.36 | 176 | 921551  | 28.52 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 106566  | 17.68 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.21 | 188 | 1392283 | 29.89 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.51 | 212 | 1480151 | 33.12 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.42 | 264 | 1630891 | 30.37 | ng/ul | -0.01 |

## Target Compounds

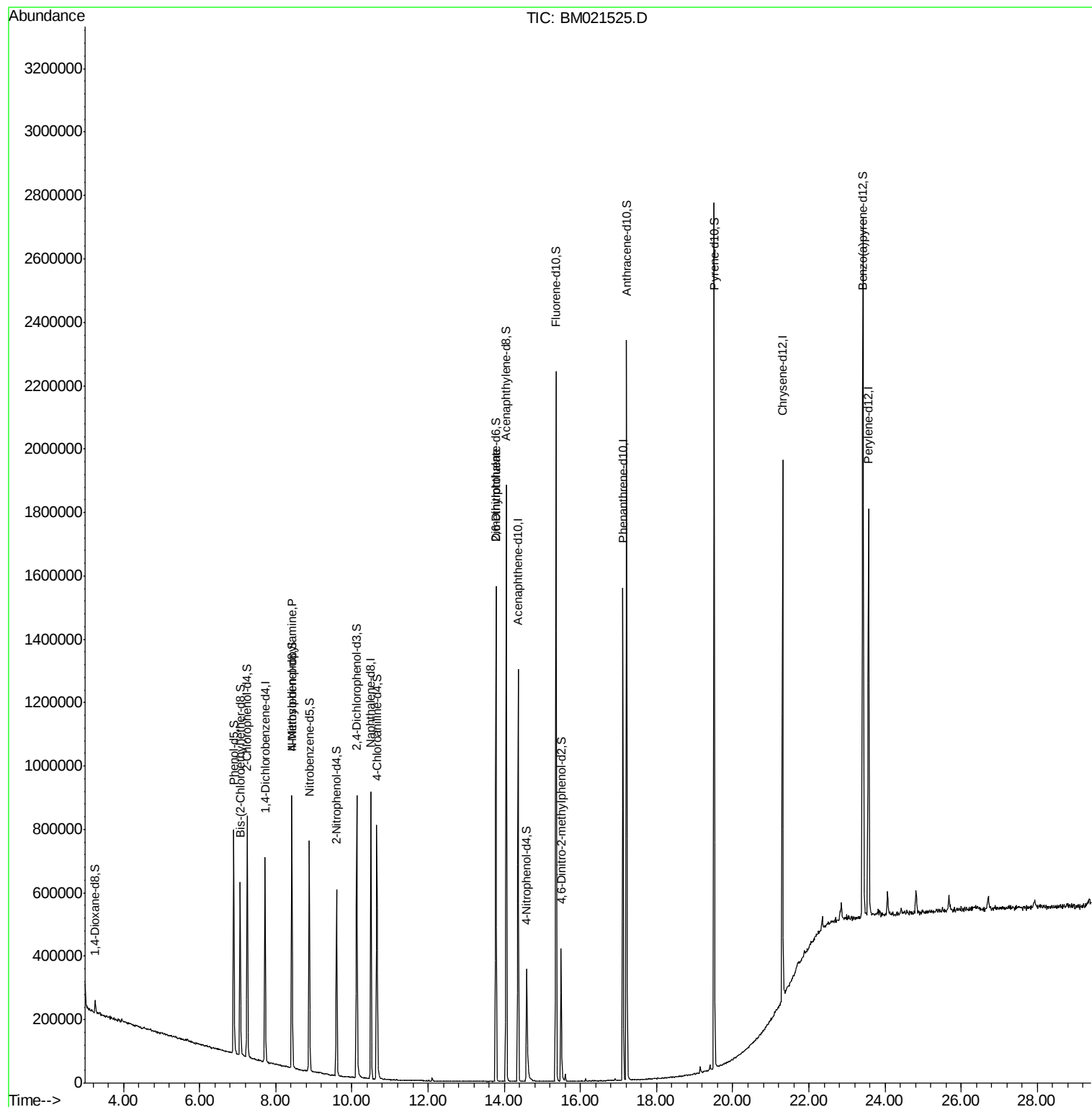
|                                |       |     |      |       | Qvalue |    |
|--------------------------------|-------|-----|------|-------|--------|----|
| 15) N-Nitroso-di-n-propylamine | 8.42  | 70  | 8661 | 1.023 | ng/ul# | 1  |
| 45) 2,6-Dinitrotoluene         | 13.79 | 165 | 6559 | 1.068 | ng/ul# | 44 |

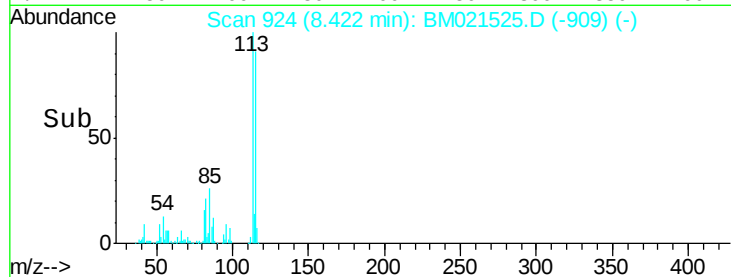
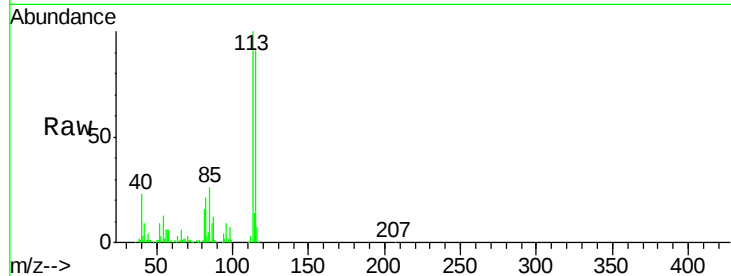
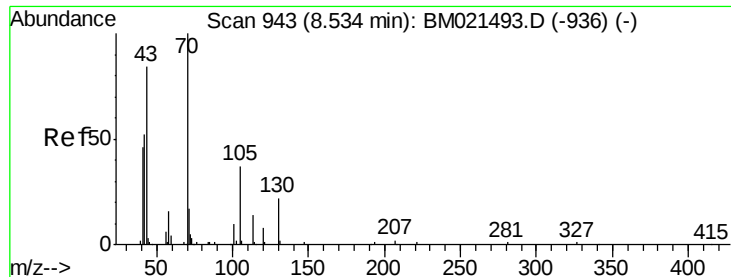
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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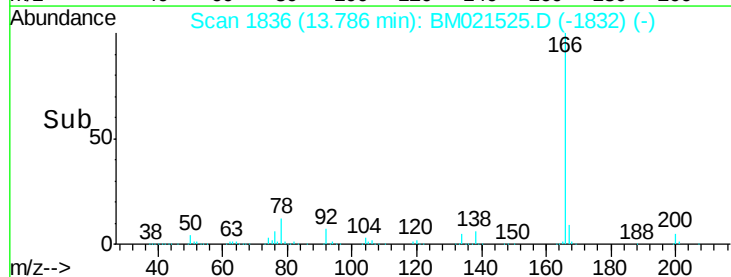
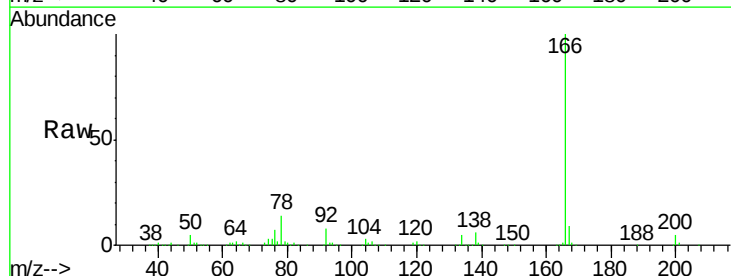
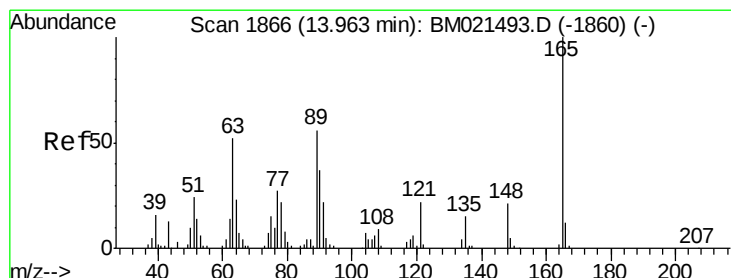
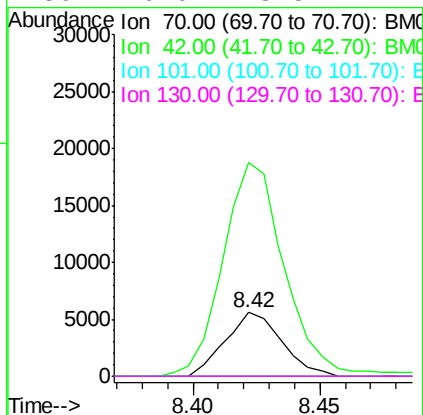




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.023 ng/ul  
RT: 8.42 min Scan# 924  
Delta R.T. -0.11 min  
Lab File: BM021525.D  
Acq: 18 Jul 2019 16:03

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 8661  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 336.8 | 39.9  | 59.9# |
| 101      | 0.0   | 7.6   | 11.4# |
| 130      | 0.0   | 18.5  | 27.7# |



#45  
2,6-Dinitrotoluene  
Concen: 1.068 ng/ul  
RT: 13.79 min Scan# 1836  
Delta R.T. -0.18 min  
Lab File: BM021525.D  
Acq: 18 Jul 2019 16:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 6559  |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 89       | 0.0   | 45.4  | 68.2# |
| 121      | 21.8  | 18.1  | 27.1  |

