

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012717\  
 Data File : BM008907.D  
 Acq On : 27 Jan 2017 18:37  
 Operator : SJ/MA  
 Sample : PB96398BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK98

Quant Time: Jan 27 22:38:28 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 27 22:34:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 64208    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 253110   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 177629   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.31 | 188  | 391322   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 460710   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.83 | 264  | 477705   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.38  | 96  | 11104  | 8.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.08  | 99  | 190539 | 35.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.26  | 67  | 169850 | 39.29 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.45  | 132 | 128276 | 36.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.62  | 113 | 145176 | 34.09 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.09  | 128 | 61576  | 38.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.81  | 143 | 72111  | 36.82 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.34 | 165 | 140447 | 34.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.87 | 131 | 155368 | 34.82 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 461267 | 39.63 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.26 | 160 | 531519 | 38.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.75 | 143 | 65430  | 33.61 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.56 | 176 | 405533 | 36.68 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 62702  | 26.91 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.41 | 188 | 678804 | 39.67 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.70 | 212 | 799639 | 39.57 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.69 | 264 | 800887 | 39.59 | ng/ul | 0.00 |

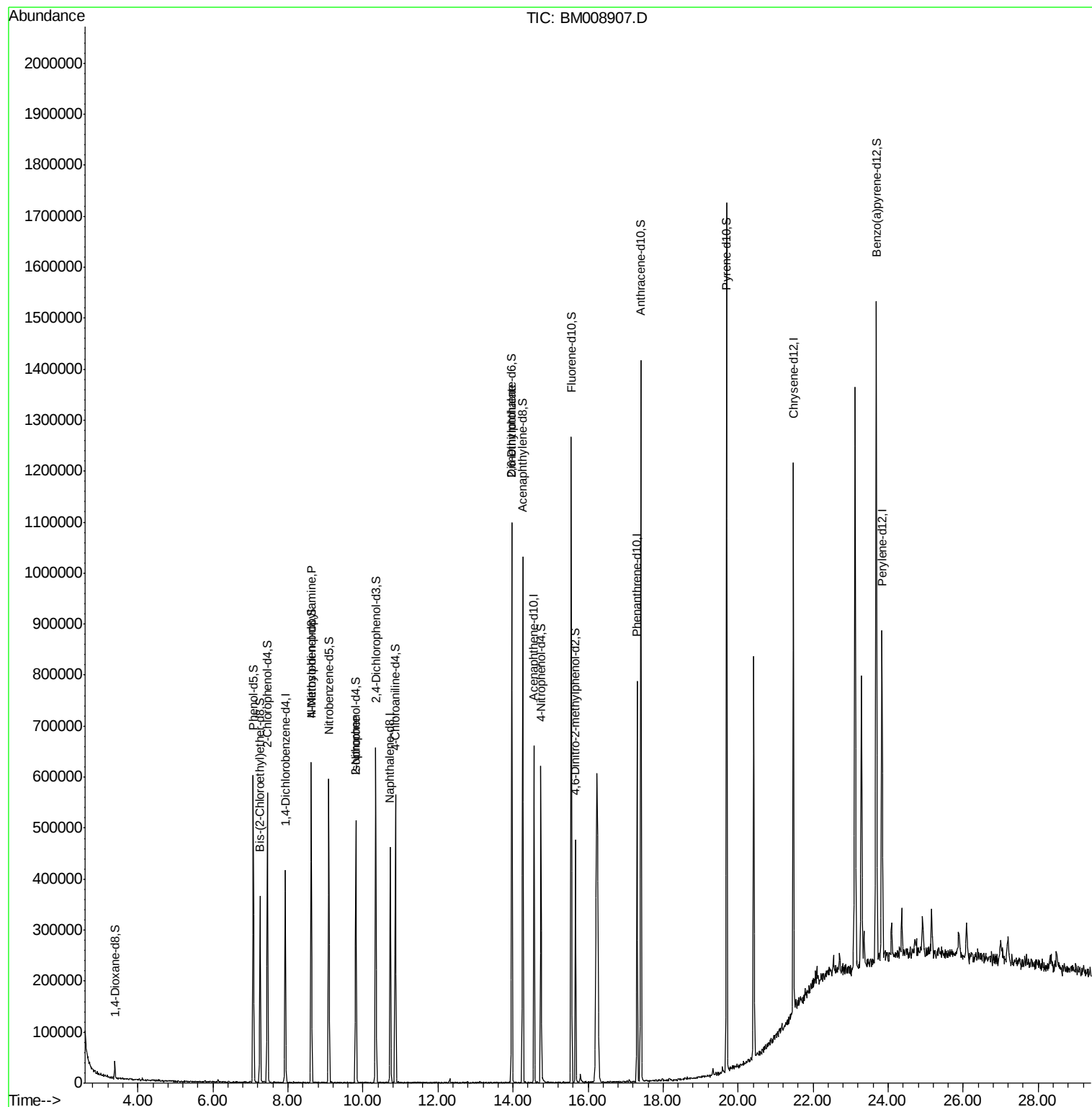
| Target Compounds               |       |     |       |      |        | Qvalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.62  | 70  | 6795  | 1.34 | ng/ul# | 1      |
| 21) Isophorone                 | 9.81  | 82  | 16993 | 1.48 | ng/ul# | 66     |
| 45) 2,6-Dinitrotoluene         | 13.97 | 165 | 3426  | 1.54 | ng/ul# | 31     |

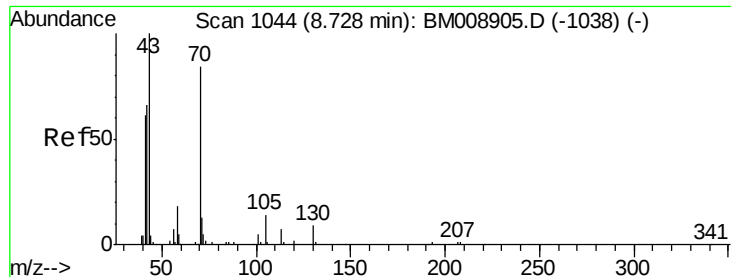
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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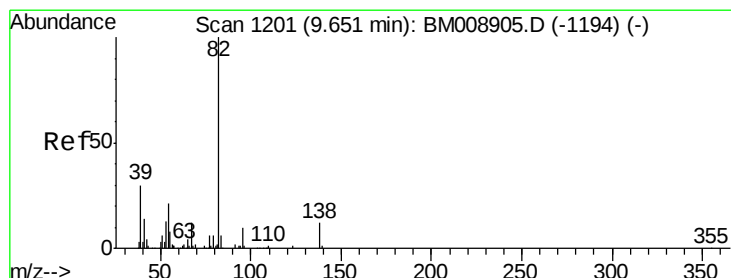
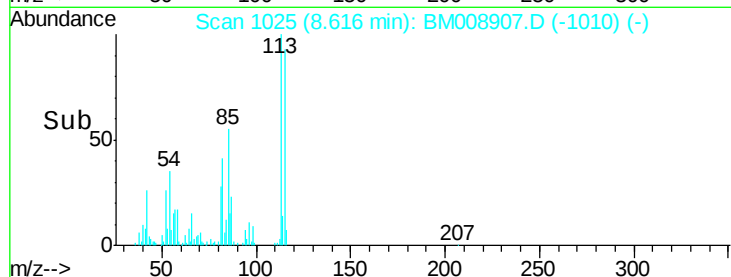
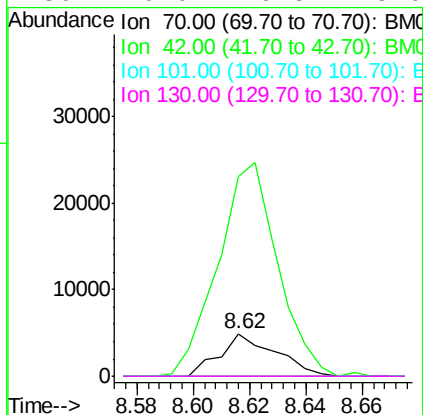
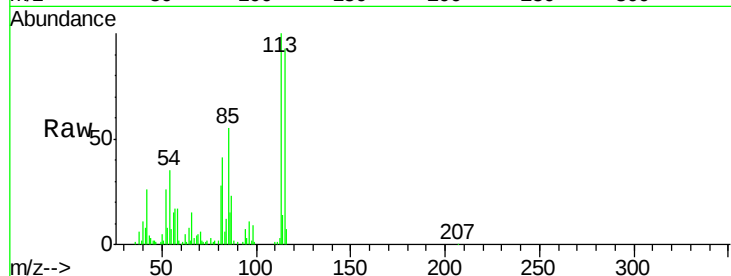




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.34 ng/ul  
RT: 8.62 min Scan# 1025  
Delta R.T. -0.11 min  
Lab File: BM008907.D  
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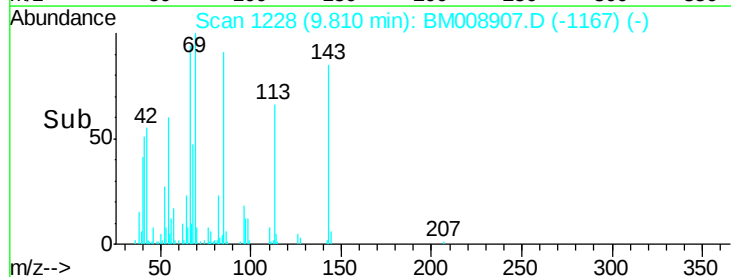
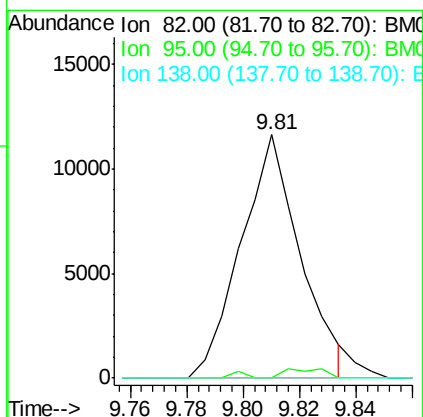
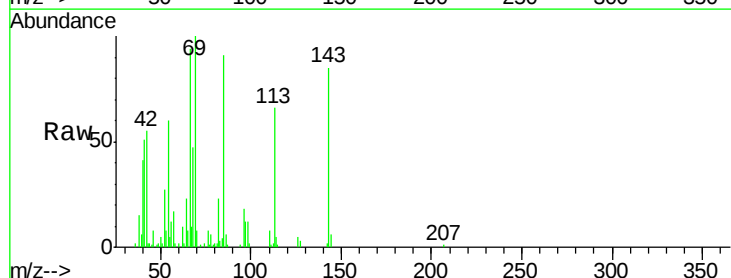
Instrument :  
BNA\_M  
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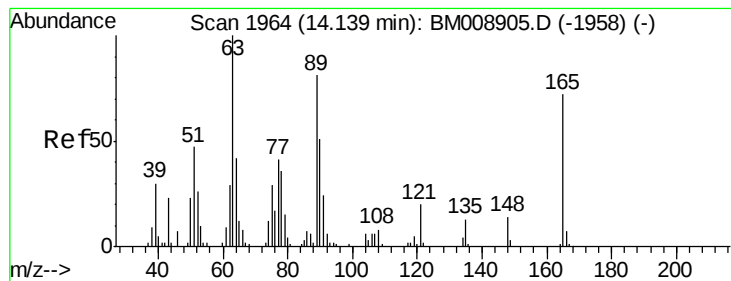
Tgt Ion: 70 Resp: 6795  
Ion Ratio Lower Upper  
70 100  
42 466.7 37.5 56.3#  
101 0.0 7.8 11.8#  
130 0.0 16.6 25.0#



#21  
Isophorone  
Concen: 1.48 ng/ul  
RT: 9.81 min Scan# 1228  
Delta R.T. 0.16 min  
Lab File: BM008907.D  
Acq: 27 Jan 2017 18:37

Tgt Ion: 82 Resp: 16993  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.1 9.1#  
138 0.0 13.4 20.2#





#45

2,6-Dinitrotoluene

Concen: 1.54 ng/ul

RT: 13.97 min Scan# 1935

Delta R.T. -0.17 min

Lab File: BM008907.D

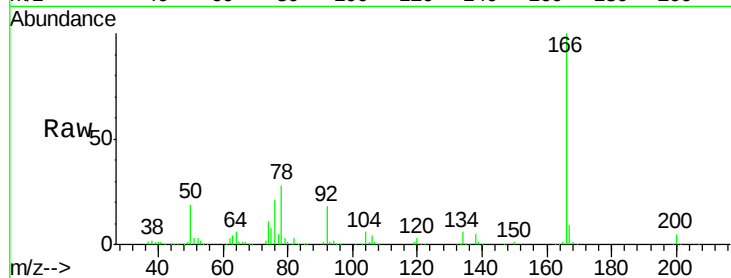
Acq: 27 Jan 2017 18:37

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 3426  |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 89        | 0.0   | 50.6  | 76.0# |
| 121       | 39.3  | 18.2  | 27.2# |

