

Data File : BM010351.D  
Acq On : 01 Jun 2017 12:36  
Operator : SJ/MA  
Sample : PB99349BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK49

Quant Time: Jun 02 00:59:26 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM052717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 02 00:58:56 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 329627   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 1232185  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 752392   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.30 | 188  | 1660503  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.46 | 240  | 2032865  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.81 | 264  | 2066038  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.38  | 96  | 48147   | 5.99  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.10  | 99  | 705032  | 28.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.26  | 67  | 407700  | 29.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.46  | 132 | 598143  | 30.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.65  | 113 | 577262  | 28.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.10  | 128 | 282205  | 31.27 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.82  | 143 | 338365  | 32.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.35 | 165 | 642284  | 29.90 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.89 | 131 | 712959  | 34.40 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 2096651 | 33.54 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.25 | 160 | 2300430 | 31.54 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.79 | 143 | 251299  | 26.87 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.54 | 176 | 1702864 | 30.99 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 337813  | 28.72 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.40 | 188 | 2694392 | 33.35 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.69 | 212 | 3080041 | 36.64 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.66 | 264 | 3253795 | 33.83 | ng/ul | 0.00 |

| Target Compounds               |      |    |       |      |        | Qvalue |
|--------------------------------|------|----|-------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.65 | 70 | 21626 | 1.32 | ng/ul# | 1      |
| 21) Isophorone                 | 9.82 | 82 | 44670 | 1.13 | ng/ul# | 75     |

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

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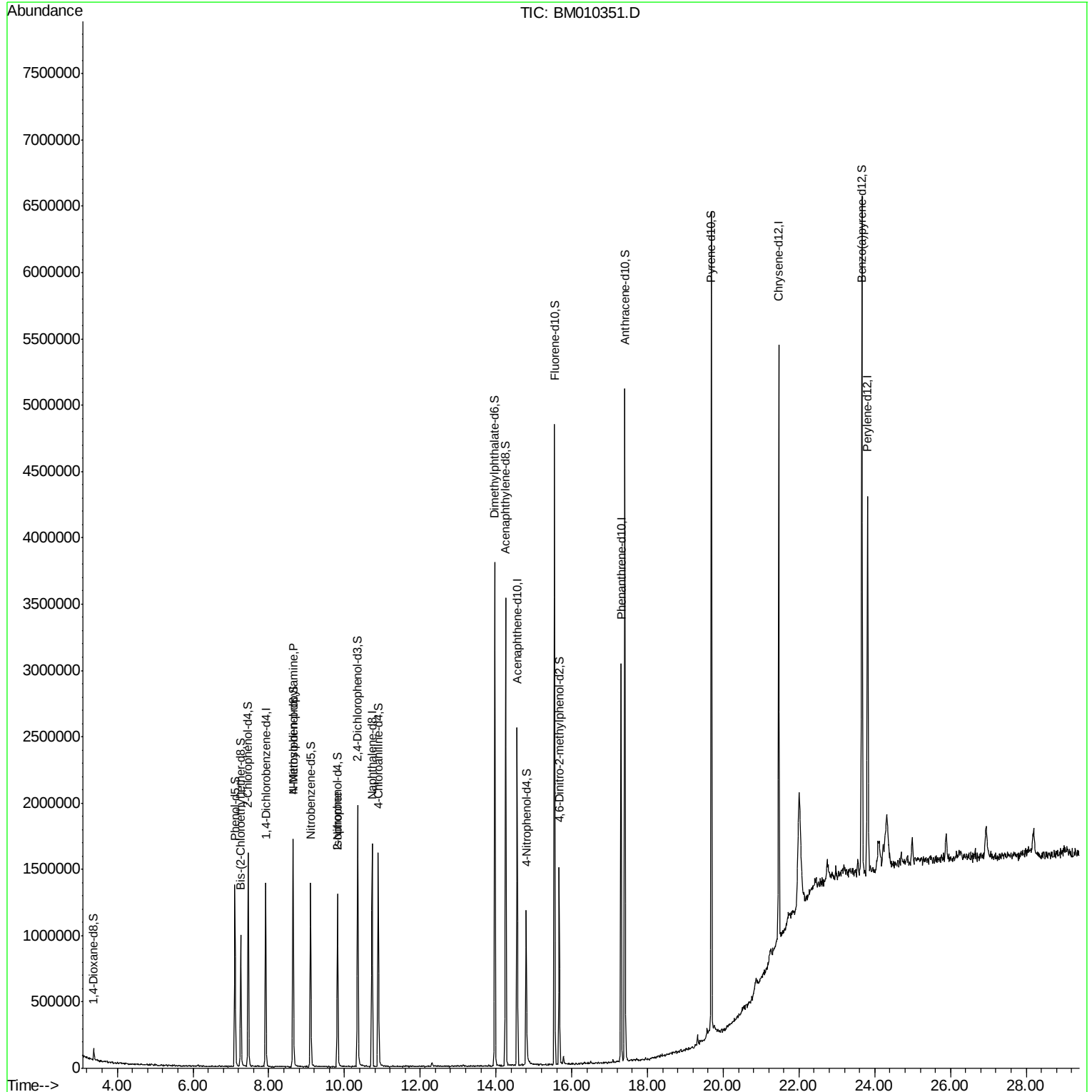
Quant Time: Jun 02 00:59:26 2017

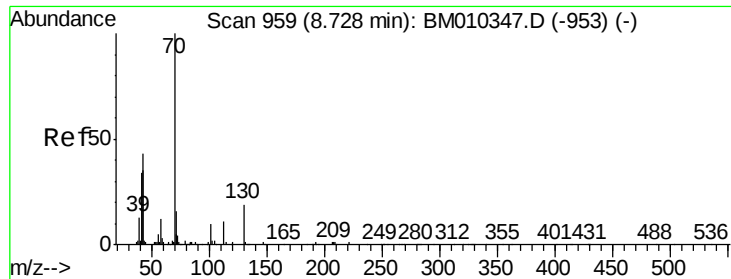
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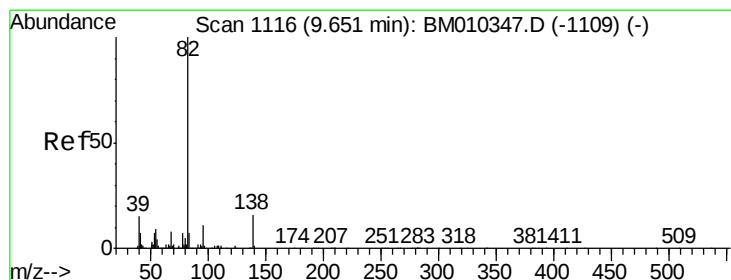
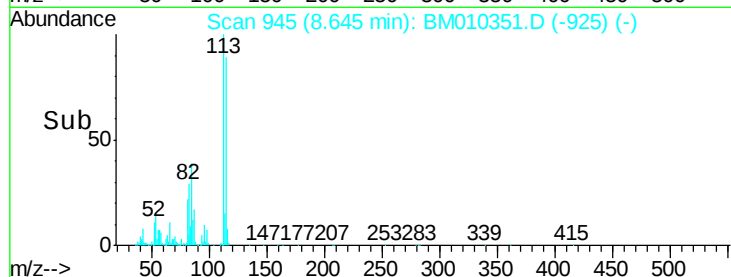
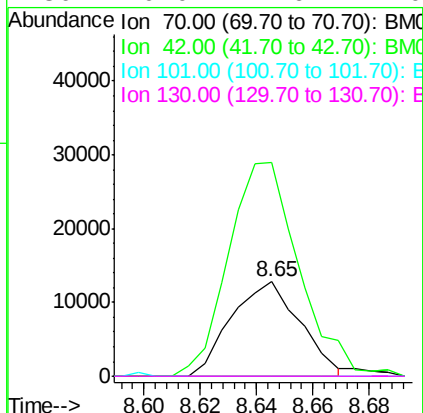
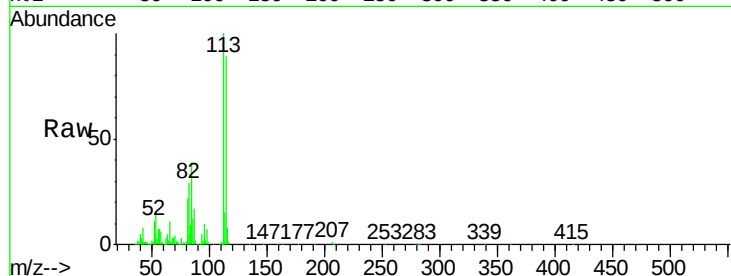




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.32 ng/ul  
RT: 8.65 min Scan# 945  
Delta R.T. -0.08 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 21626 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 226.1 | 41.1  | 61.7# |
| 101      | 0.0   | 6.7   | 10.1# |
| 130      | 0.0   | 14.6  | 22.0# |



#21  
Isophorone  
Concen: 1.13 ng/ul  
RT: 9.82 min Scan# 1145  
Delta R.T. 0.17 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 44670 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 95       | 6.3   | 7.8   | 11.8# |
| 138      | 0.0   | 11.9  | 17.9# |

