

Data File : BM013413.D  
Acq On : 14 Dec 2017 21:44  
Operator : SJ/JU  
Sample : PB104889BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK89

Quant Time: Dec 15 04:57:13 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 15 04:56:09 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 184091   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 783125   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 491125   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1185402  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 1349892  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 1233466  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 23597   | 6.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 448586  | 28.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 278438  | 30.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 370451  | 29.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 396320  | 29.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 201507  | 32.45 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 221633  | 33.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 393065  | 28.70 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 549352  | 43.64 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.74 | 166 | 1523235 | 34.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 1765686 | 32.74 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 227269  | 29.93 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 1220397 | 32.47 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 215673  | 28.92 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.17 | 188 | 2009017 | 33.84 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.47 | 212 | 2328033 | 34.62 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 2221654 | 35.36 | ng/ul | 0.00 |

| Target Compounds               |       |     |       |      |        | Qvalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.39  | 70  | 10725 | 1.03 | ng/ul# | 1      |
| 45) 2,6-Dinitrotoluene         | 13.74 | 165 | 8538  | 1.00 | ng/ul# | 34     |

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

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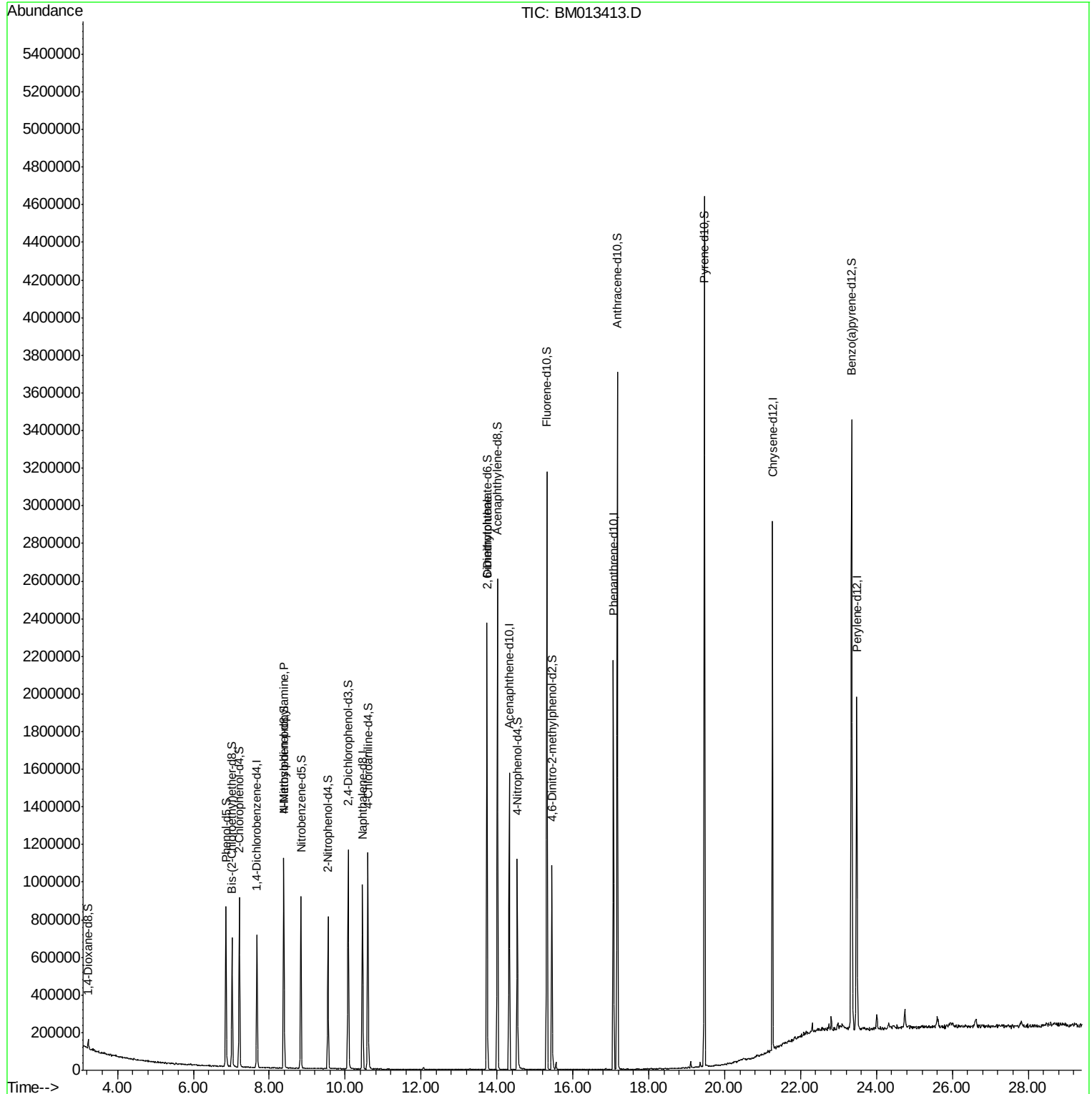
Quant Time: Dec 15 04:57:13 2017

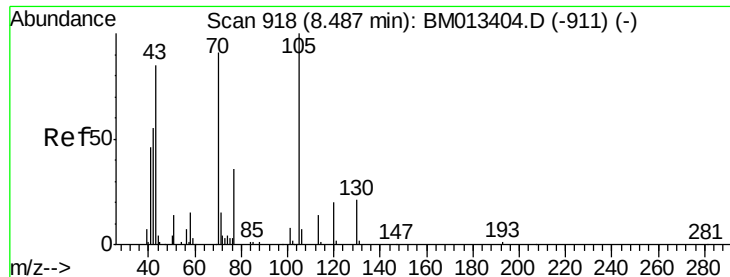
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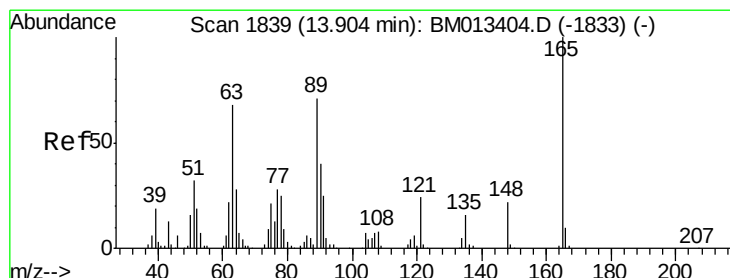
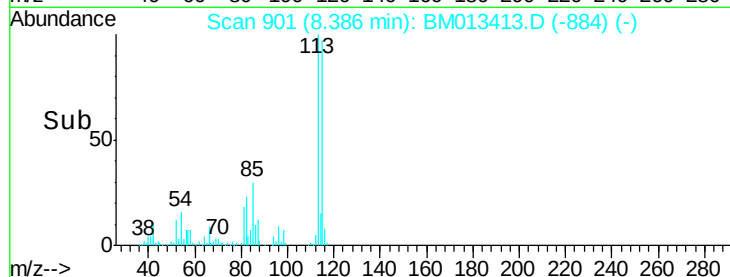
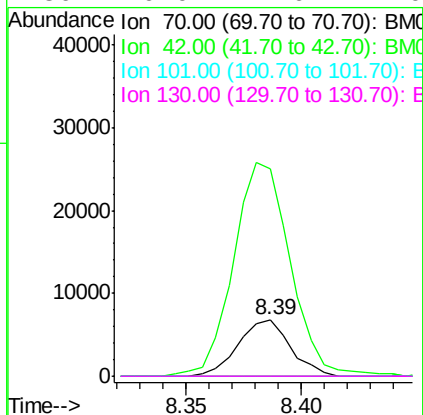
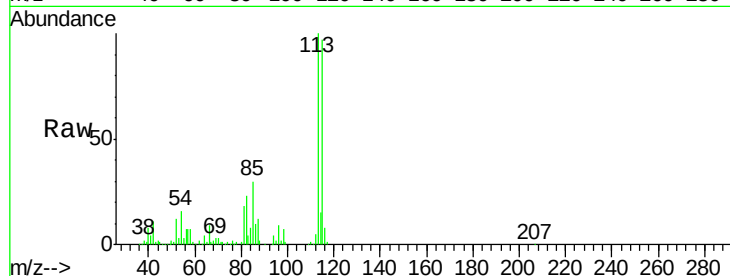




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.03 ng/ul  
RT: 8.39 min Scan# 901  
Delta R.T. -0.10 min  
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Tgt Ion: 70 Resp: 10725  
Ion Ratio Lower Upper  
70 100  
42 365.4 76.0 114.0#  
101 0.0 6.7 10.1#  
130 0.0 14.6 22.0#



#45  
2,6-Dinitrotoluene  
Concen: 1.00 ng/ul  
RT: 13.74 min Scan# 1812  
Delta R.T. -0.16 min  
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Tgt Ion: 165 Resp: 8538  
Ion Ratio Lower Upper  
165 100  
89 0.0 52.6 79.0#  
121 21.2 14.6 22.0

