

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM052116\  
 Data File : BM005569.D  
 Acq On : 22 May 2016 02:25  
 Operator : UM/SJ  
 Sample : H2890-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9WT7

Quant Time: May 22 05:34:51 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM052016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun May 22 05:33:20 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 136223   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.61 | 136  | 569939   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.45 | 164  | 318352   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 652377   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.38 | 240  | 576098   | 20.00 | ng/ul | 0.01     |
| 83) Perylene-d12          | 23.66 | 264  | 630339   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 7534   | 2.42  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.98  | 99  | 176089 | 15.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 97890  | 15.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 141796 | 15.22 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 141240 | 15.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.97  | 128 | 66239  | 15.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.69  | 143 | 74364  | 15.50 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 145214 | 16.07 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 125826 | 13.91 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.86 | 166 | 448030 | 17.24 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.15 | 160 | 551853 | 16.99 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 76503  | 15.56 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.45 | 176 | 397714 | 17.59 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 48126  | 12.83 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.29 | 188 | 563462 | 18.13 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.59 | 212 | 517575 | 19.84 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.52 | 264 | 525291 | 17.85 | ng/ul | 0.02 |

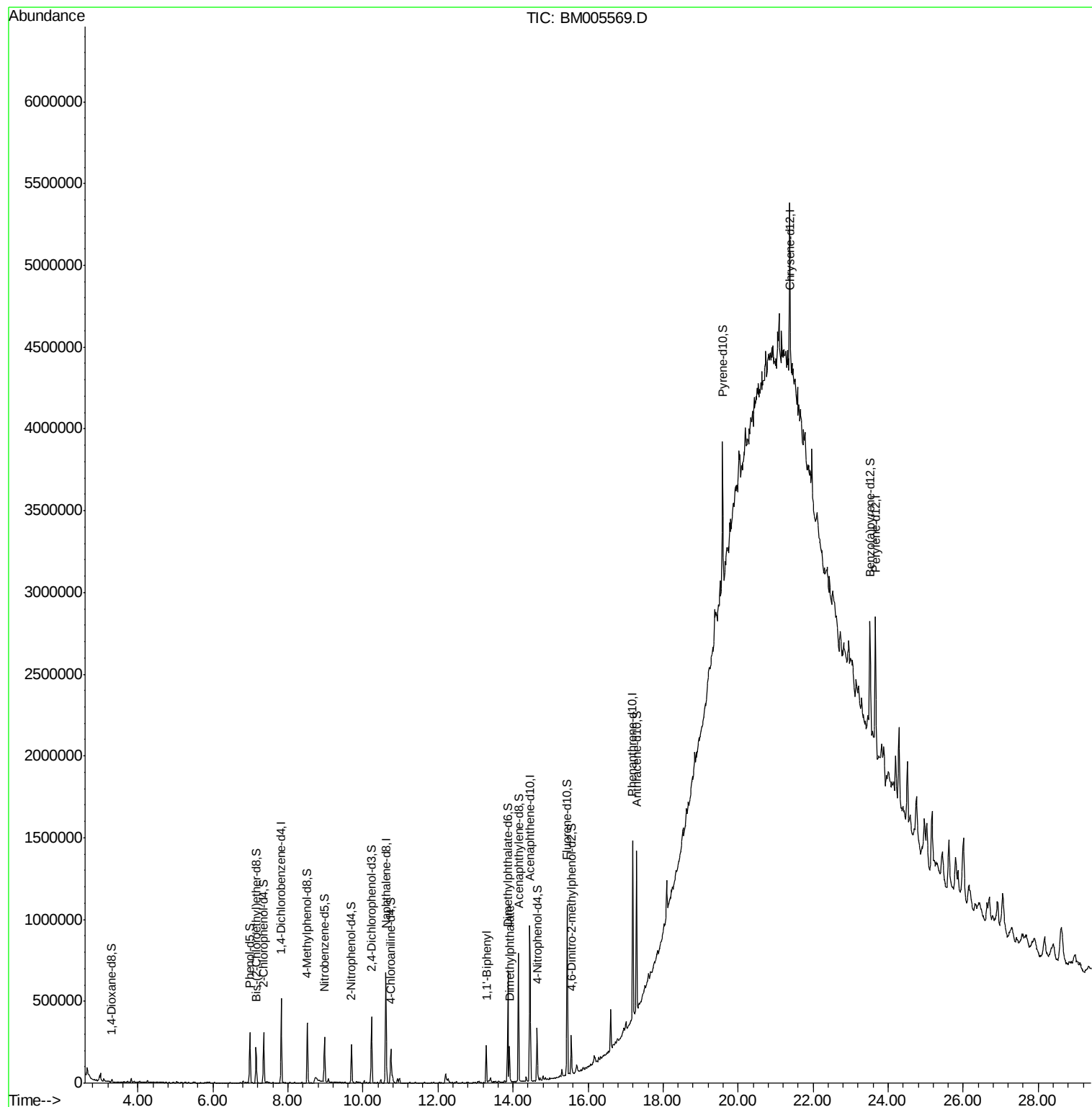
| Target Compounds      |       |     |        |            | Qvalue |
|-----------------------|-------|-----|--------|------------|--------|
| 40) 1,1'-Biphenyl     | 13.29 | 154 | 116899 | 4.37 ng/ul | 99     |
| 44) Dimethylphthalate | 13.91 | 163 | 139754 | 5.44 ng/ul | 99     |

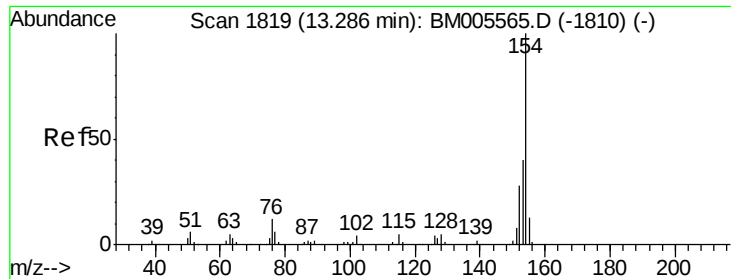
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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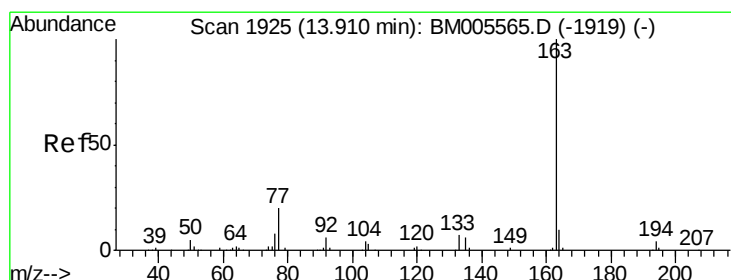
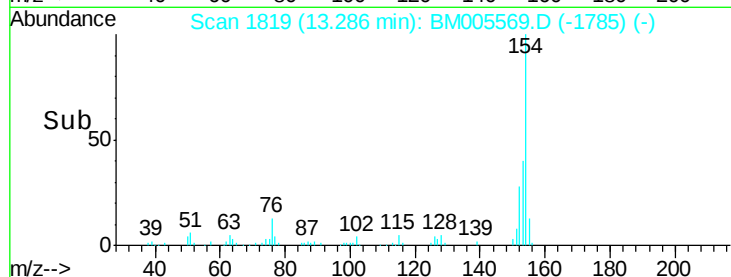
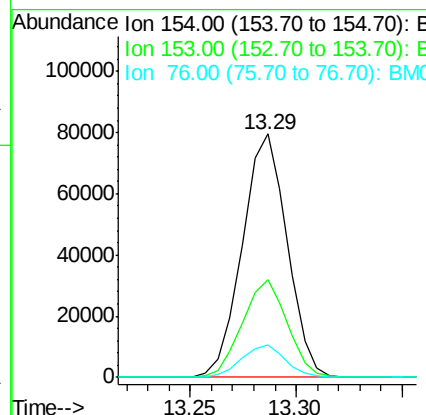
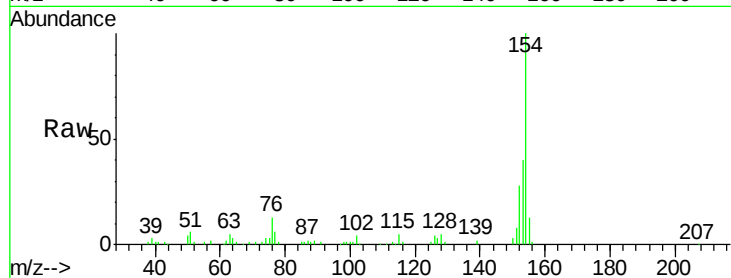




#40  
 1,1'-Biphenyl  
 Concen: 4.37 ng/ul  
 RT: 13.29 min Scan# 1819  
 Delta R.T. 0.00 min  
 Lab File: BM005569.D  
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Tgt Ion:154 Resp: 116899  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 31.7 47.5  
 76 13.1 10.1 15.1



#44  
 Dimethylphthalate  
 Concen: 5.44 ng/ul  
 RT: 13.91 min Scan# 1925  
 Delta R.T. 0.00 min  
 Lab File: BM005569.D  
 Acq: 22 May 2016 02:25

Tgt Ion:163 Resp: 139754  
 Ion Ratio Lower Upper  
 163 100  
 194 4.1 3.4 5.0  
 164 9.6 8.0 12.0

