

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051916\  
 Data File : BM005521.D  
 Acq On : 20 May 2016 05:11  
 Operator : UM/SJ  
 Sample : H2841-16  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9WT1

Quant Time: May 20 06:43:42 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM051816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 20 01:00:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 155257   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 781801   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.47 | 164  | 525472   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.21 | 188  | 1341903  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.39 | 240  | 1908203  | 20.00 | ng/ul | 0.01     |
| 83) Perylene-d12          | 23.70 | 264  | 1897179  | 20.00 | ng/ul | 0.03     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96   | 2496     | 0.62 | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.00  | 99   | 87648    | 5.88 | ng/ul | 0.01     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67   | 51500    | 6.30 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.37  | 132  | 72561    | 6.33 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.54  | 113  | 83172    | 6.55 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.99  | 128  | 36234    | 6.44 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.72  | 143  | 44884    | 7.31 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.25 | 165  | 90004    | 7.38 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.77 | 131  | 36180    | 2.58 | ng/ul | 0.01     |
| 43) Dimethylphthalate-d6       | 13.88 | 166  | 317479   | 7.35 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.16 | 160  | 399210   | 7.83 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.66 | 143  | 37652    | 4.25 | ng/ul | 0.02     |
| 57) Fluorene-d10               | 15.46 | 176  | 309892   | 8.13 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200  | 36898    | 5.22 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.31 | 188  | 509971   | 8.26 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.60 | 212  | 608430   | 7.93 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.54 | 264  | 643139   | 7.58 | ng/ul | 0.02     |

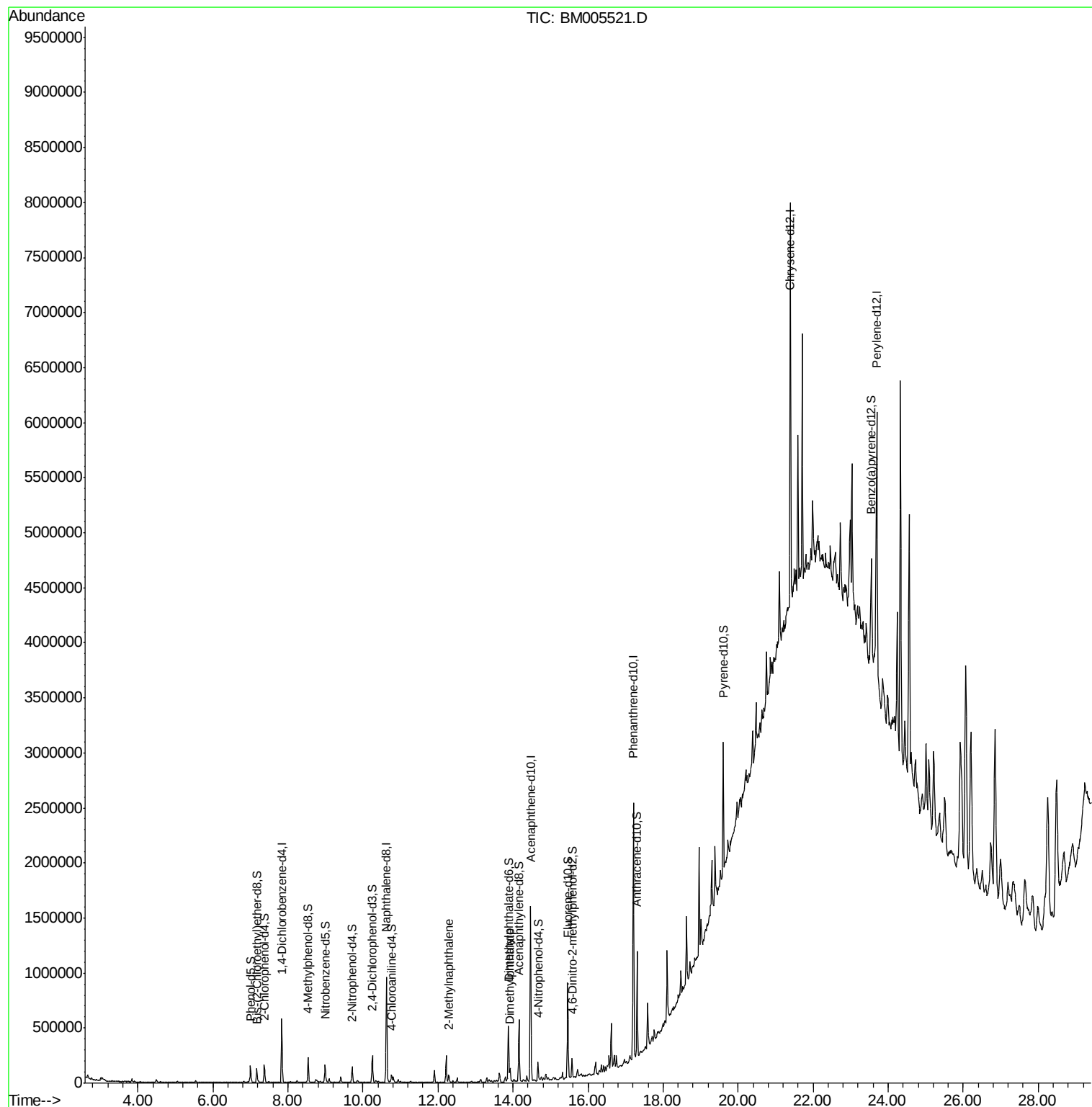
| Target Compounds        | R.T.  | QIon | Response | Conc | Units | Qvalue |
|-------------------------|-------|------|----------|------|-------|--------|
| 34) 2-Methylnaphthalene | 12.29 | 142  | 32707    | 1.05 | ng/ul | 100    |
| 44) Dimethylphthalate   | 13.92 | 163  | 73298    | 1.66 | ng/ul | 100    |

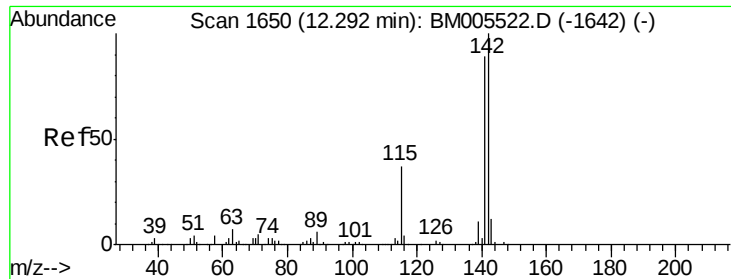
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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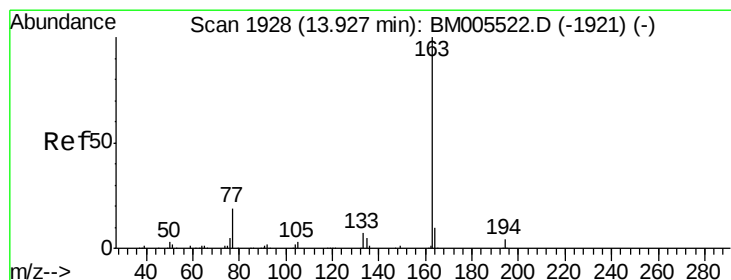
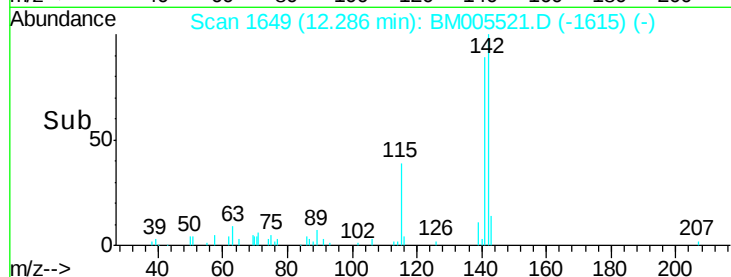
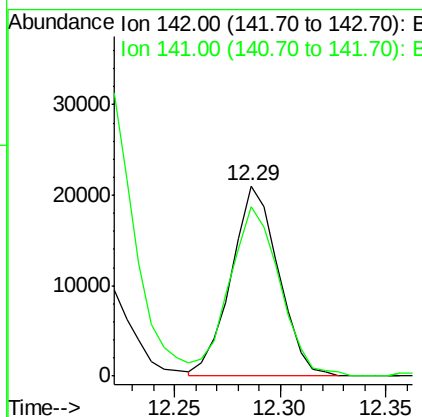
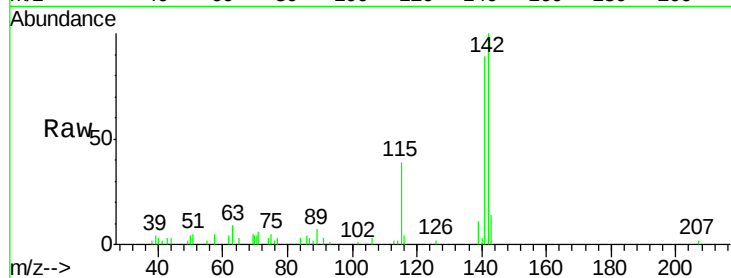




#34  
 2-Methylnaphthalene  
 Concen: 1.05 ng/ul  
 RT: 12.29 min Scan# 1649  
 Delta R.T. -0.00 min  
 Lab File: BM005521.D  
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Tgt Ion:142 Resp: 32707  
 Ion Ratio Lower Upper  
 142 100  
 141 89.1 71.3 106.9



#44  
 Dimethylphthalate  
 Concen: 1.66 ng/ul  
 RT: 13.92 min Scan# 1927  
 Delta R.T. -0.00 min  
 Lab File: BM005521.D  
 Acq: 20 May 2016 05:11

Tgt Ion:163 Resp: 73298  
 Ion Ratio Lower Upper  
 163 100  
 194 4.0 3.4 5.0  
 164 10.0 7.9 11.9

