

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042716\  
 Data File : BM005098.D  
 Acq On : 27 Apr 2016 15:12  
 Operator : UM/SJ  
 Sample : H2584-08DL 10X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC7Q0DL

Quant Time: Apr 28 04:27:55 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 28 04:13:24 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 90793    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 423228   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 276703   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 647148   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 673126   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.66 | 264  | 518202   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96   | 413      | 0.23 | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.97  | 99   | 9985     | 1.33 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67   | 15179    | 3.55 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.33  | 132  | 17999    | 3.03 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.50  | 113  | 13845    | 2.17 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.96  | 128  | 8378     | 2.86 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.67  | 143  | 9096     | 2.78 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165  | 19252    | 3.10 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.59 | 131  | 119      | 0.02 | ng/ul | -0.14    |
| 43) Dimethylphthalate-d6       | 13.85 | 166  | 76159    | 3.49 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.13 | 160  | 83247    | 3.20 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.67 | 143  | 1784     | 0.47 | ng/ul | 0.02     |
| 57) Fluorene-d10               | 15.43 | 176  | 70785    | 3.69 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.55 | 200  | 2967     | 0.81 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.28 | 188  | 111248   | 3.83 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.58 | 212  | 134922   | 4.40 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.51 | 264  | 86501    | 3.73 | ng/ul | 0.00     |

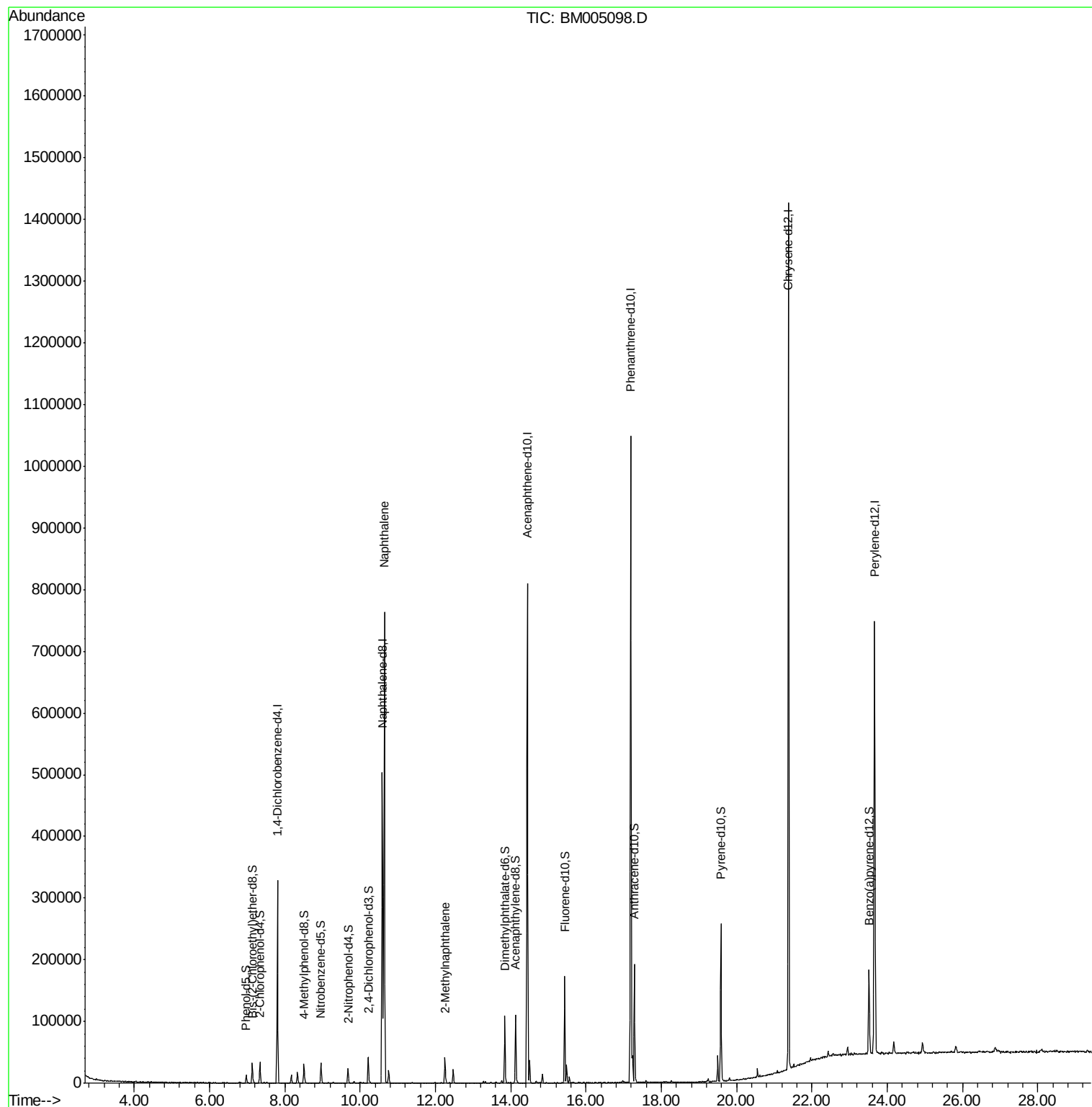
| Target Compounds        | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|-------------------------|-------|------|----------|-------|-------|--------|
| 28) Naphthalene         | 10.64 | 128  | 654752   | 30.67 | ng/ul | 99     |
| 34) 2-Methylnaphthalene | 12.25 | 142  | 22571    | 1.43  | ng/ul | 98     |

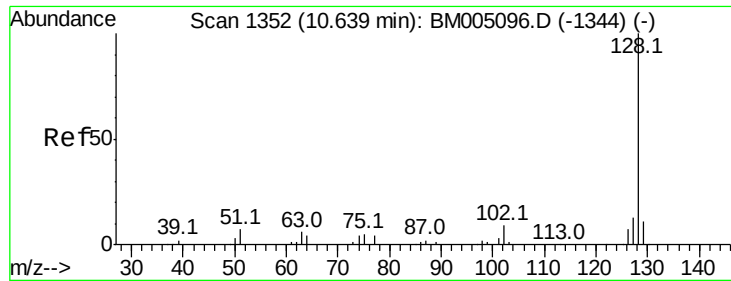
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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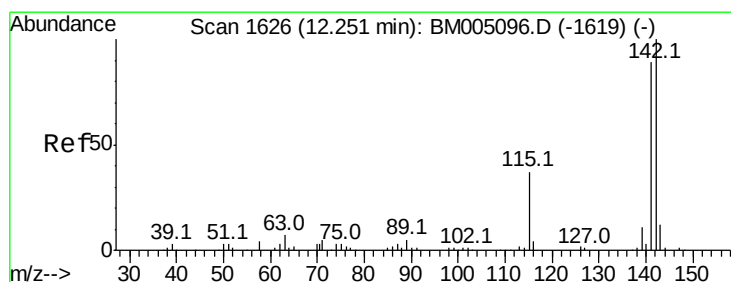
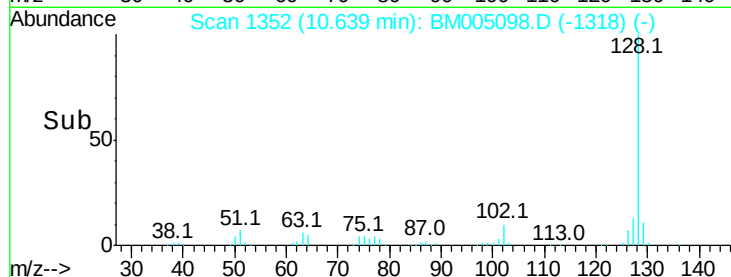
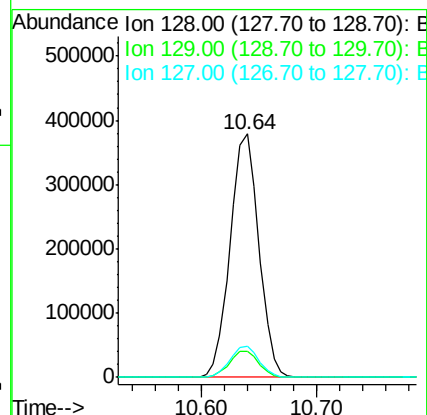
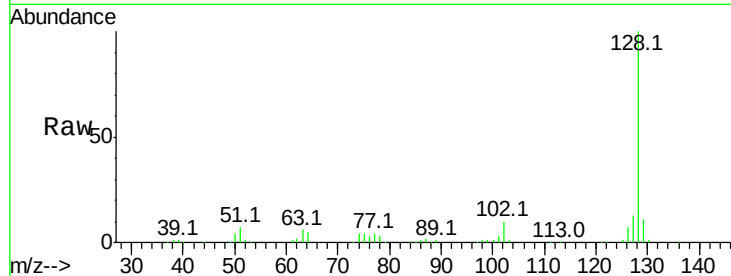




#28  
Naphthalene  
Concen: 30.67 ng/ul  
RT: 10.64 min Scan# 1352  
Delta R.T. 0.00 min  
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Tot Ion:128 Resp: 654752  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.7 13.1  
127 13.1 10.6 15.8



#34  
2-Methylnaphthalene  
Concen: 1.43 ng/ul  
RT: 12.25 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: BM005098.D  
Acq: 27 Apr 2016 15:12

Tgt Ion:142 Resp: 22571  
Ion Ratio Lower Upper  
142 100  
141 89.6 70.3 105.5

