

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM042016\  
 Data File : BM005015.D  
 Acq On : 21 Apr 2016 06:33  
 Operator : UM/SJ  
 Sample : H2567-29  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC7J4

Quant Time: Apr 21 11:23:54 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM041416.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 15 22:59:24 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 67705    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 290568   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 167604   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 378315   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.38 | 240  | 437736   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.66 | 264  | 429432   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 5989   | 4.74  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.97  | 99  | 123961 | 25.65 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67  | 72999  | 26.34 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.34  | 132 | 100665 | 24.92 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 101290 | 25.37 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 47623  | 24.75 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 53652  | 24.77 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 96379  | 24.50 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 133191 | 30.05 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 307761 | 26.99 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 378866 | 27.10 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 45297  | 23.29 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.44 | 176 | 271805 | 27.60 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 38175  | 23.33 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.29 | 188 | 421845 | 28.06 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.59 | 212 | 482523 | 26.45 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.52 | 264 | 488443 | 29.54 | ng/ul | 0.00  |

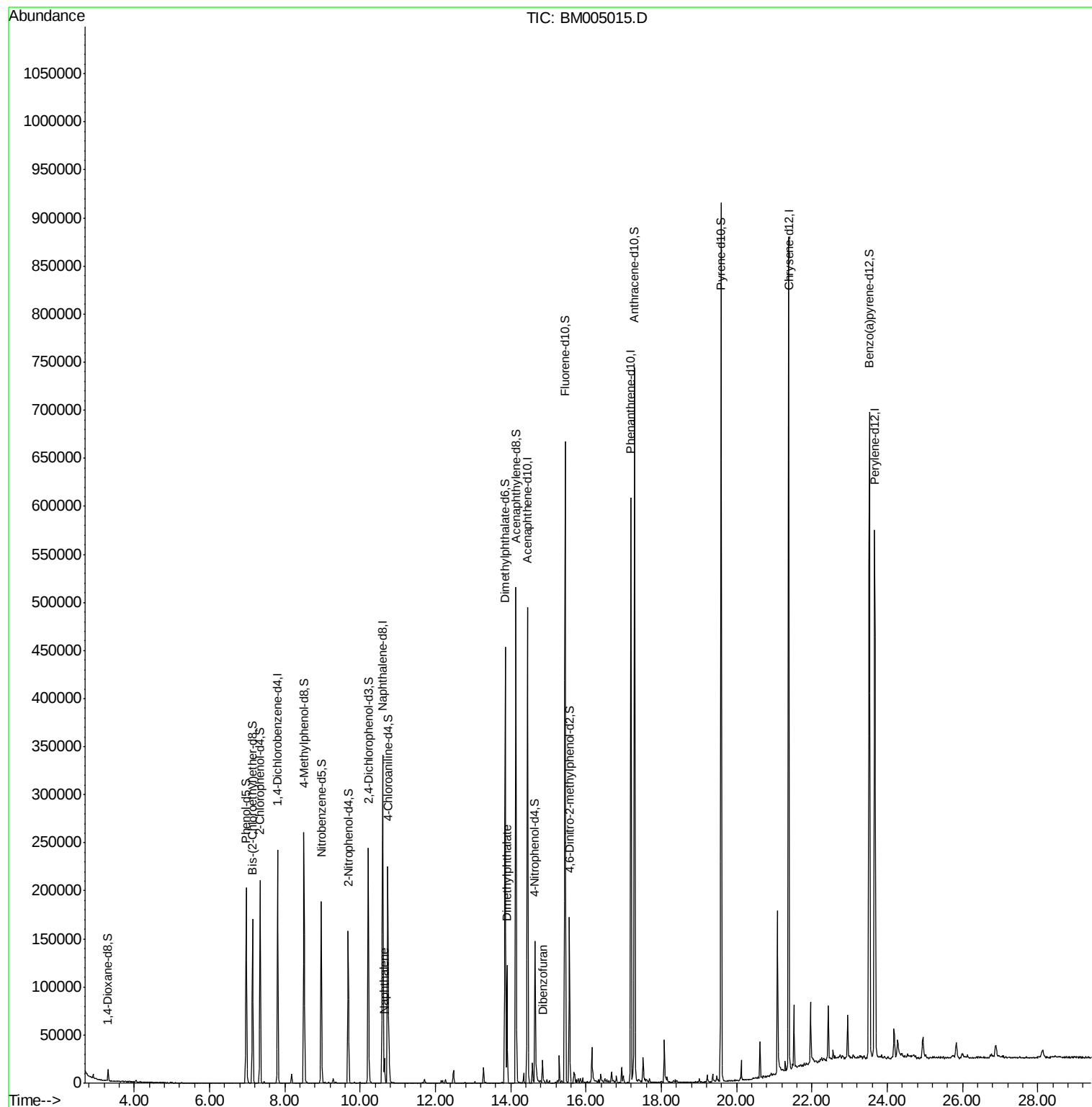
| Target Compounds      |       |     |       |      |       | Qvalue |
|-----------------------|-------|-----|-------|------|-------|--------|
| 28) Naphthalene       | 10.65 | 128 | 21910 | 1.69 | ng/ul | 99     |
| 44) Dimethylphthalate | 13.90 | 163 | 79867 | 7.04 | ng/ul | 99     |
| 53) Dibenzofuran      | 14.84 | 168 | 17149 | 1.23 | ng/ul | 97     |

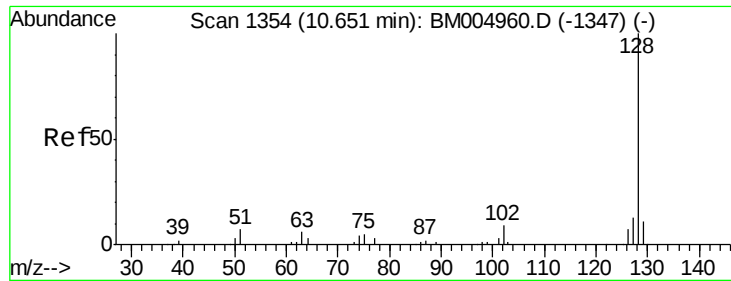
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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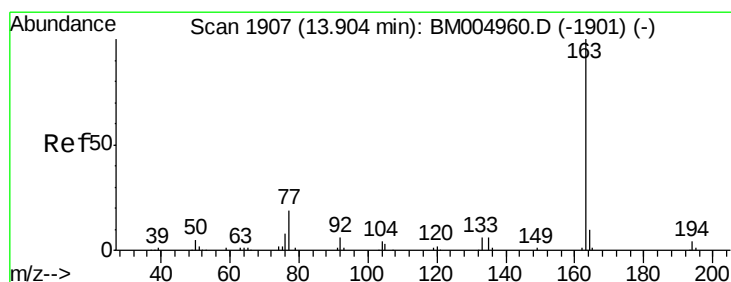
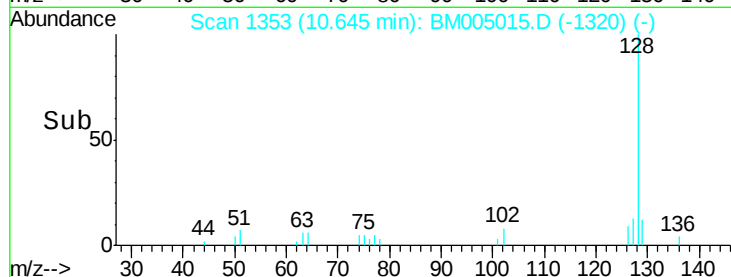
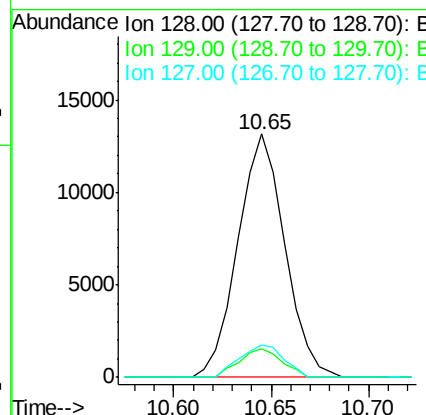
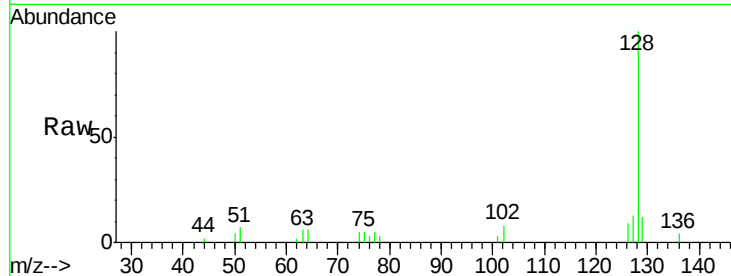




#28  
Naphthalene  
Concen: 1.69 ng/ul  
RT: 10.65 min Scan# 1353  
Delta R.T. -0.01 min  
Lab File: BM005015.D  
Acq: 21 Apr 2016 06:33

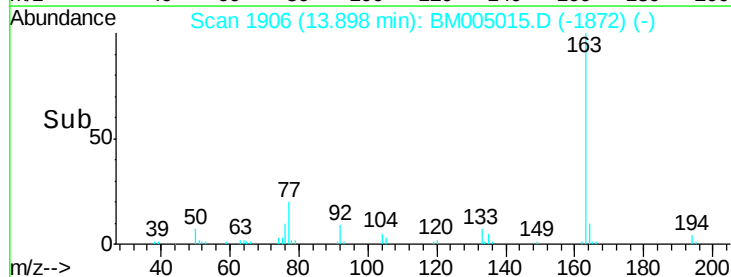
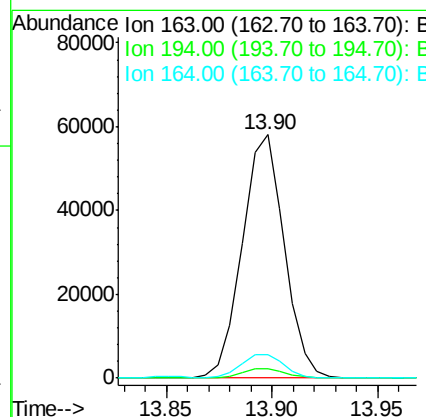
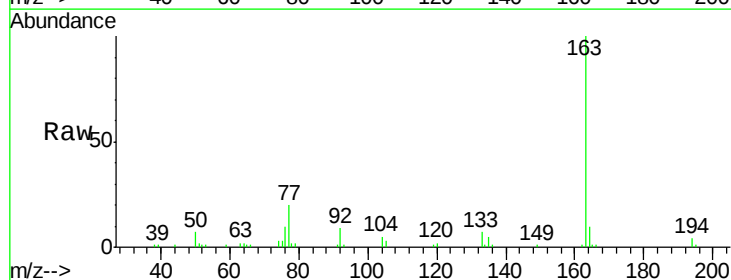
Instrument :  
BNA\_M  
ClientSampleId :  
BC7J4

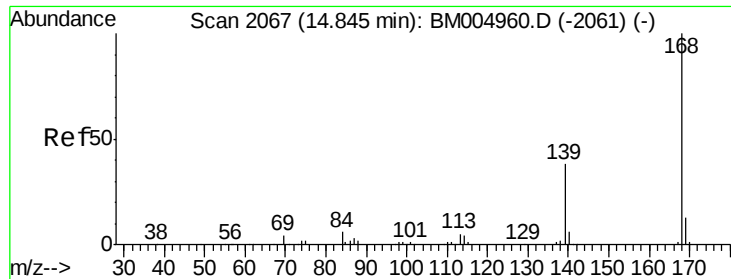
Tgt Ion:128 Resp: 21910  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.7 13.1  
127 13.4 10.6 15.8



#44  
Dimethylphthalate  
Concen: 7.04 ng/ul  
RT: 13.90 min Scan# 1906  
Delta R.T. -0.00 min  
Lab File: BM005015.D  
Acq: 21 Apr 2016 06:33

Tgt Ion:163 Resp: 79867  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 9.5 8.2 12.2





#53

Dibenzenofuran

Concen: 1.23 ng/ul

RT: 14.84 min Scan# 2067

Delta R.T. -0.00 min

Lab File: BM005015.D

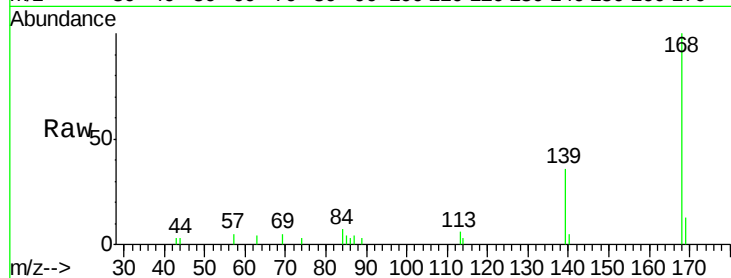
Acq: 21 Apr 2016 06:33

Instrument :

BNA\_M

ClientSampleId :

BC7J4

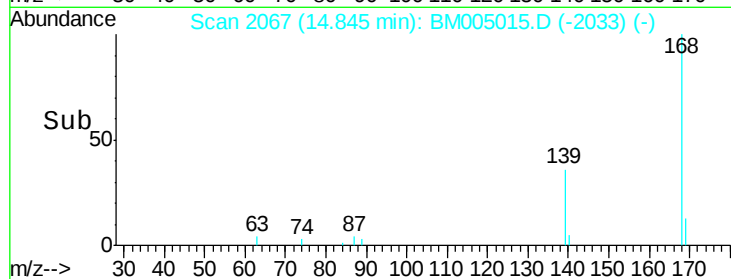


Tgt Ion:168 Resp: 17149

Ion Ratio Lower Upper

168 100

139 35.8 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

