

Data File : BM023237.D  
Acq On : 18 Oct 2019 01:41  
Operator : JU  
Sample : K5236-14  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BEPM5

Quant Time: Oct 18 06:59:35 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 18 06:52:01 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 381536   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1482664  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.31 | 164  | 914509   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.05 | 188  | 1850979  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 1917925  | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.45 | 264  | 2326331  | 20.00 | ng/ul | -0.01    |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 26448   | 3.05  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.83  | 99  | 471866  | 14.20 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 281388  | 14.97 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 405230  | 15.93 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 357161  | 13.38 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 188188  | 18.76 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 205514  | 21.52 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 393653  | 16.21 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 483893  | 16.38 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.72 | 166 | 1187186 | 16.94 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.00 | 160 | 1380258 | 16.79 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 134547  | 11.86 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.30 | 176 | 1018496 | 17.06 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 102047  | 13.91 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.15 | 188 | 1590272 | 17.82 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.44 | 212 | 1955162 | 21.05 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 2377060 | 20.16 | ng/ul | -0.01 |

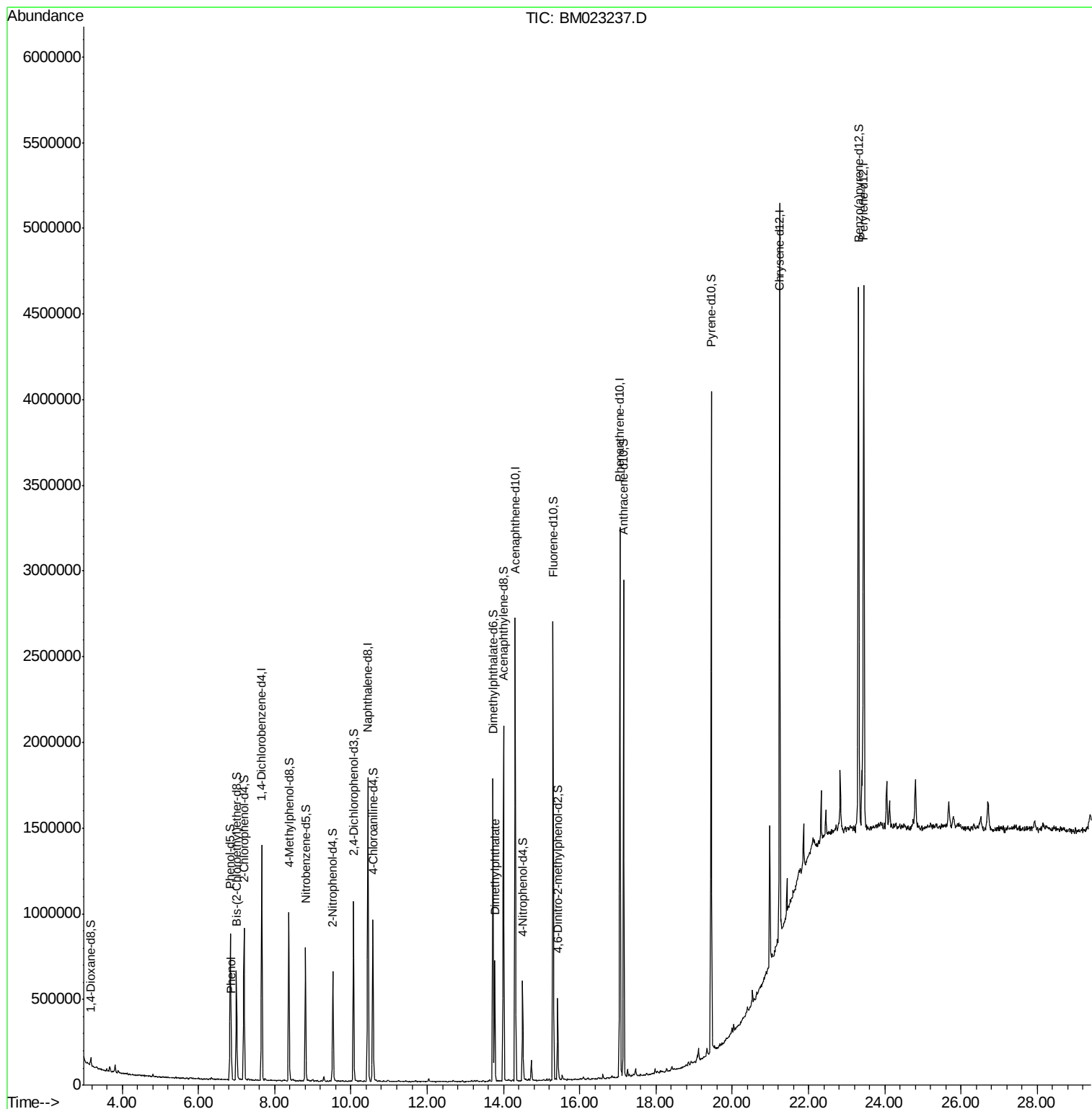
|                       |       |     |        |        |       |     |
|-----------------------|-------|-----|--------|--------|-------|-----|
| Target Compounds      |       |     |        | Qvalue |       |     |
| 6) Phenol             | 6.86  | 94  | 82097  | 2.396  | ng/ul | 98  |
| 45) Dimethylphthalate | 13.77 | 163 | 438506 | 6.251  | ng/ul | 100 |

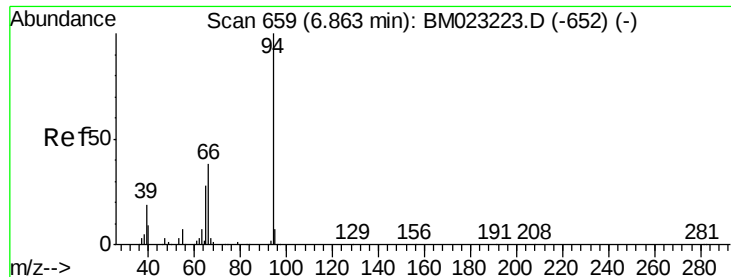
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.396 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

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BNA\_M

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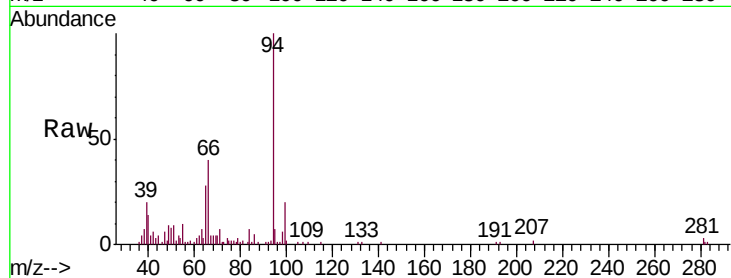
Tgt Ion: 94 Resp: 82097

Ion Ratio Lower Upper

94 100

65 28.2 23.7 35.5

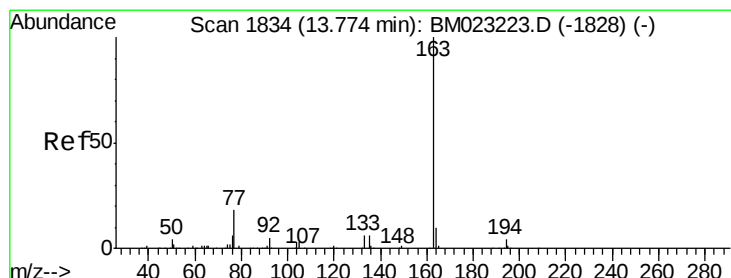
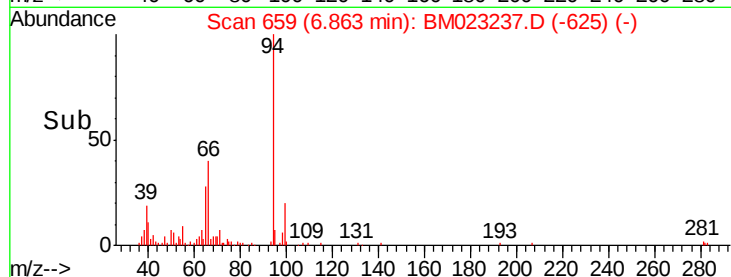
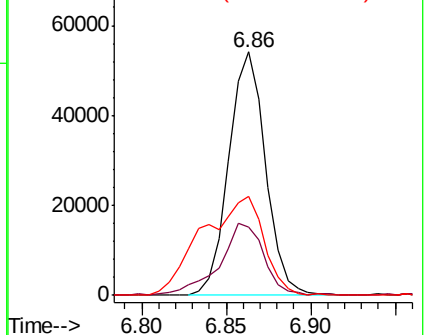
66 40.5 32.9 49.3



Abundance Ion 94.00 (93.70 to 94.70): BM023223.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM023223.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM023223.D (-652) (-)



#45

Dimethylphthalate

Concen: 6.251 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.01 min

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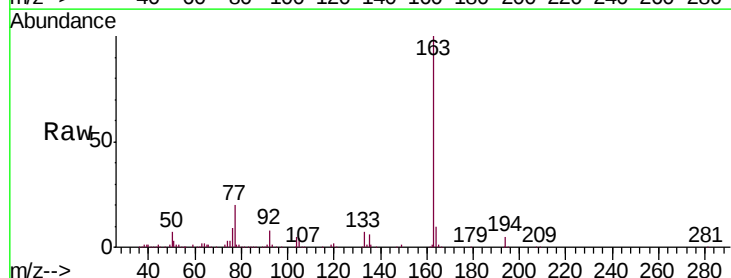
Tgt Ion: 163 Resp: 438506

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): BM023223.D (-1828) (-)

Ion 194.00 (193.70 to 194.70): BM023223.D (-1828) (-)

Ion 164.00 (163.70 to 164.70): BM023223.D (-1828) (-)

