

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\  
 Data File : BM010287.D  
 Acq On : 27 May 2017 22:08  
 Operator : SJ/MA  
 Sample : I3162-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 29 06:52:38 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 29 06:51:20 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 388315   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 1383329  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 795972   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.31 | 188  | 1881938  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 2771183  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.82 | 264  | 2972792  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.39  | 96  | 15169   | 1.60  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.12  | 99  | 300675  | 10.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.27  | 67  | 184689  | 11.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.47  | 132 | 264039  | 11.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.65  | 113 | 244763  | 10.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.12  | 128 | 120959  | 11.94 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.83  | 143 | 129603  | 11.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.36 | 165 | 265482  | 11.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.92 | 131 | 4240    | 0.18  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 810534  | 12.26 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.26 | 160 | 957885  | 12.42 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.81 | 143 | 58732   | 5.94  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.55 | 176 | 713722  | 12.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 108081  | 8.11  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.40 | 188 | 1110543 | 12.13 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.69 | 212 | 1513954 | 13.21 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.67 | 264 | 1756265 | 12.69 | ng/ul | 0.00 |

## Target Compounds

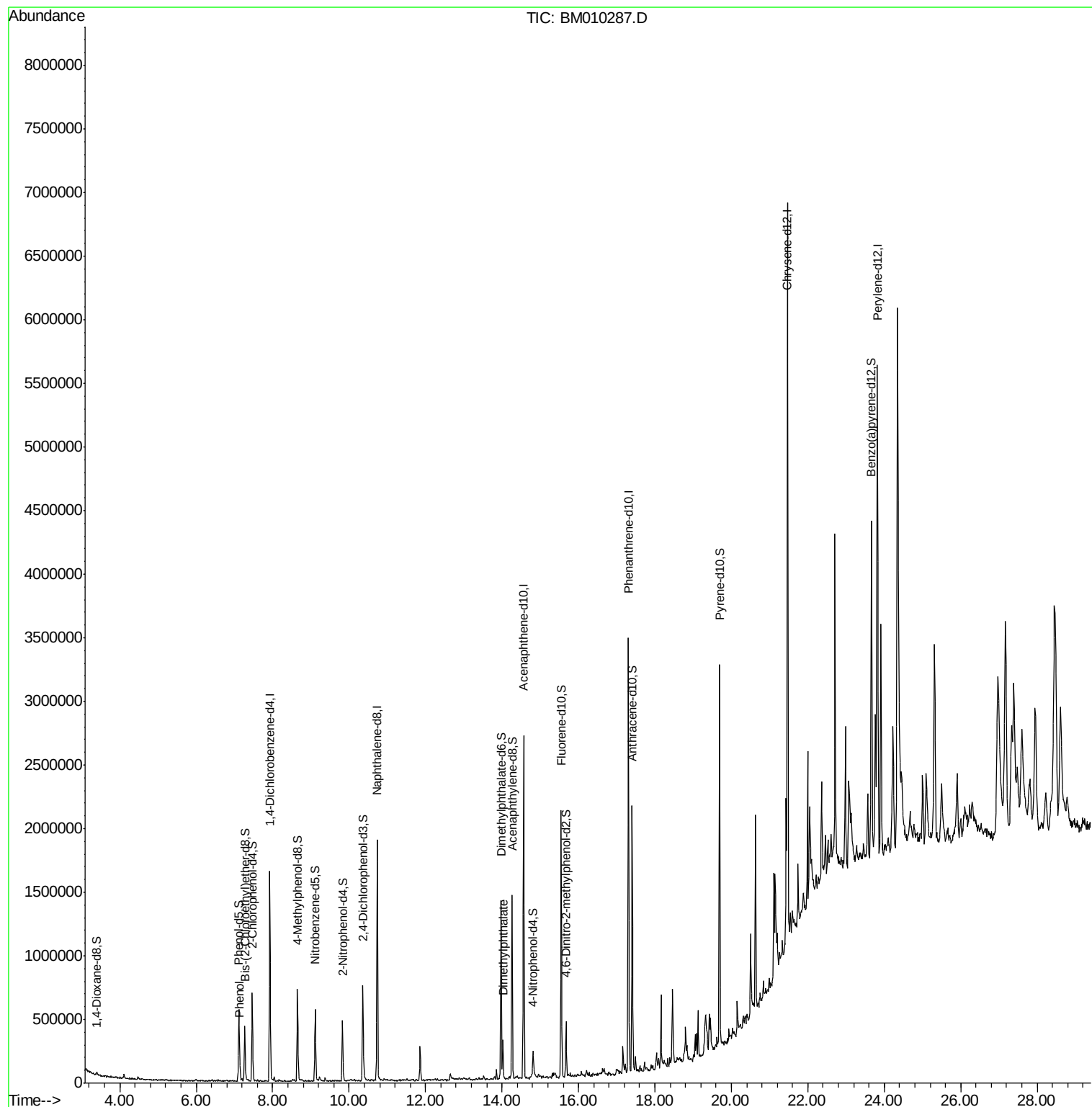
|                       |       |     |        |      |       | Ovalue |
|-----------------------|-------|-----|--------|------|-------|--------|
| 6) Phenol             | 7.15  | 94  | 50096  | 1.66 | ng/ul | 94     |
| 44) Dimethylphthalate | 14.02 | 163 | 164456 | 2.53 | ng/ul | 98     |

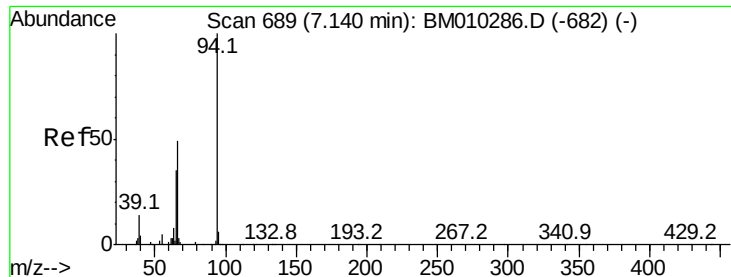
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.66 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM010287.D

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Instrument :

BNA\_M

ClientSampleId :

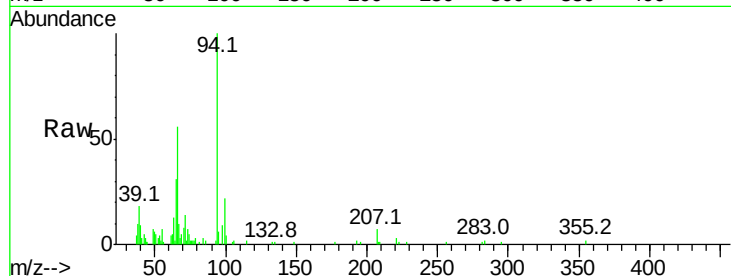
Tot Ion: 94 Resp: 50096

Ion Ratio Lower Upper

94 100

65 31.0 28.2 42.4

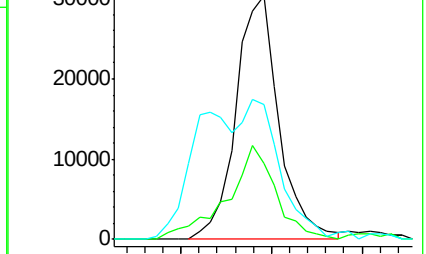
66 55.6 47.2 70.8



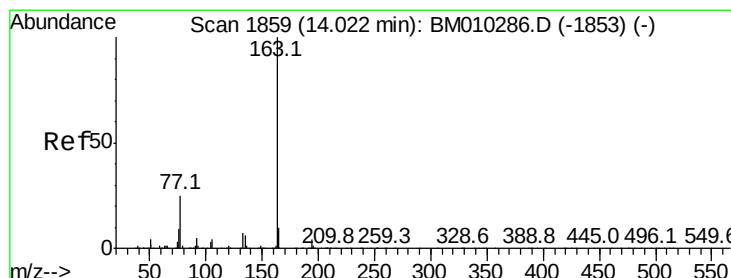
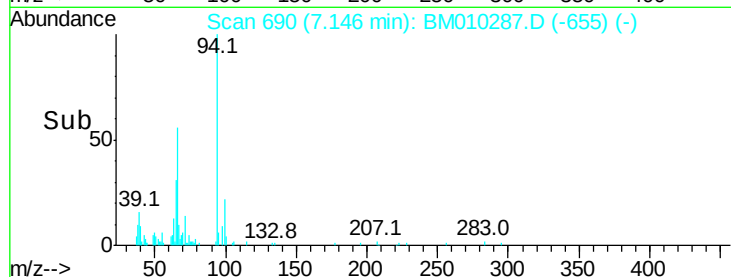
Abundance Ion 94.00 (93.70 to 94.70): BM010286.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010286.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010286.D (-682) (-)



Time-->



#44

Dimethylphthalate

Concen: 2.53 ng/ul

RT: 14.02 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM010287.D

Acq: 27 May 2017 22:08

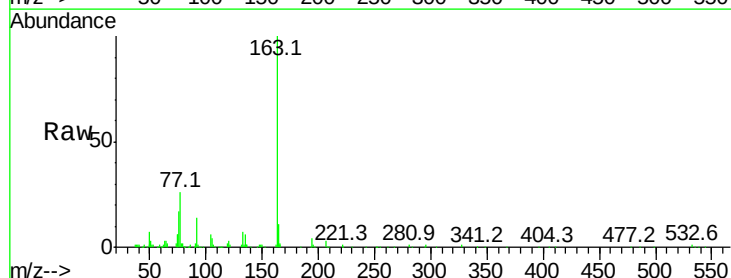
Tgt Ion:163 Resp: 164456

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

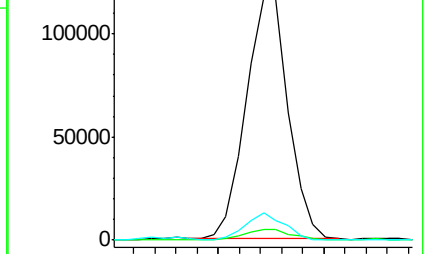
164 11.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM010286.D (-1853) (-)

Ion 194.00 (193.70 to 194.70): BM010286.D (-1853) (-)

Ion 164.00 (163.70 to 164.70): BM010286.D (-1853) (-)



Time-->

