

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062116\  
 Data File : BM005889.D  
 Acq On : 21 Jun 2016 11:38  
 Operator : UM/SJ  
 Sample : H3461-08  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AZ0

Quant Time: Jun 21 12:48:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM062116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 21 08:19:39 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 179886   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 925164   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 623076   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1568947  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 1869974  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.49 | 264  | 1864793  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96   | 3186     | 0.69  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.85  | 99   | 105964   | 5.34  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67   | 338085   | 29.42 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.21  | 132  | 315914   | 21.59 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.37  | 113  | 224892   | 13.55 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.83  | 128  | 205142   | 30.59 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.55  | 143  | 207164   | 30.84 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165  | 402621   | 25.27 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.60 | 131  | 34472    | 2.31  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.74 | 166  | 1783103  | 30.20 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.02 | 160  | 2053968  | 29.46 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.52 | 143  | 50994    | 5.01  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.32 | 176  | 1517863  | 31.09 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 174297   | 27.57 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.17 | 188  | 2572407  | 32.34 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.47 | 212  | 2966851  | 29.71 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.35 | 264  | 3020852  | 31.79 | ng/ul | 0.00     |

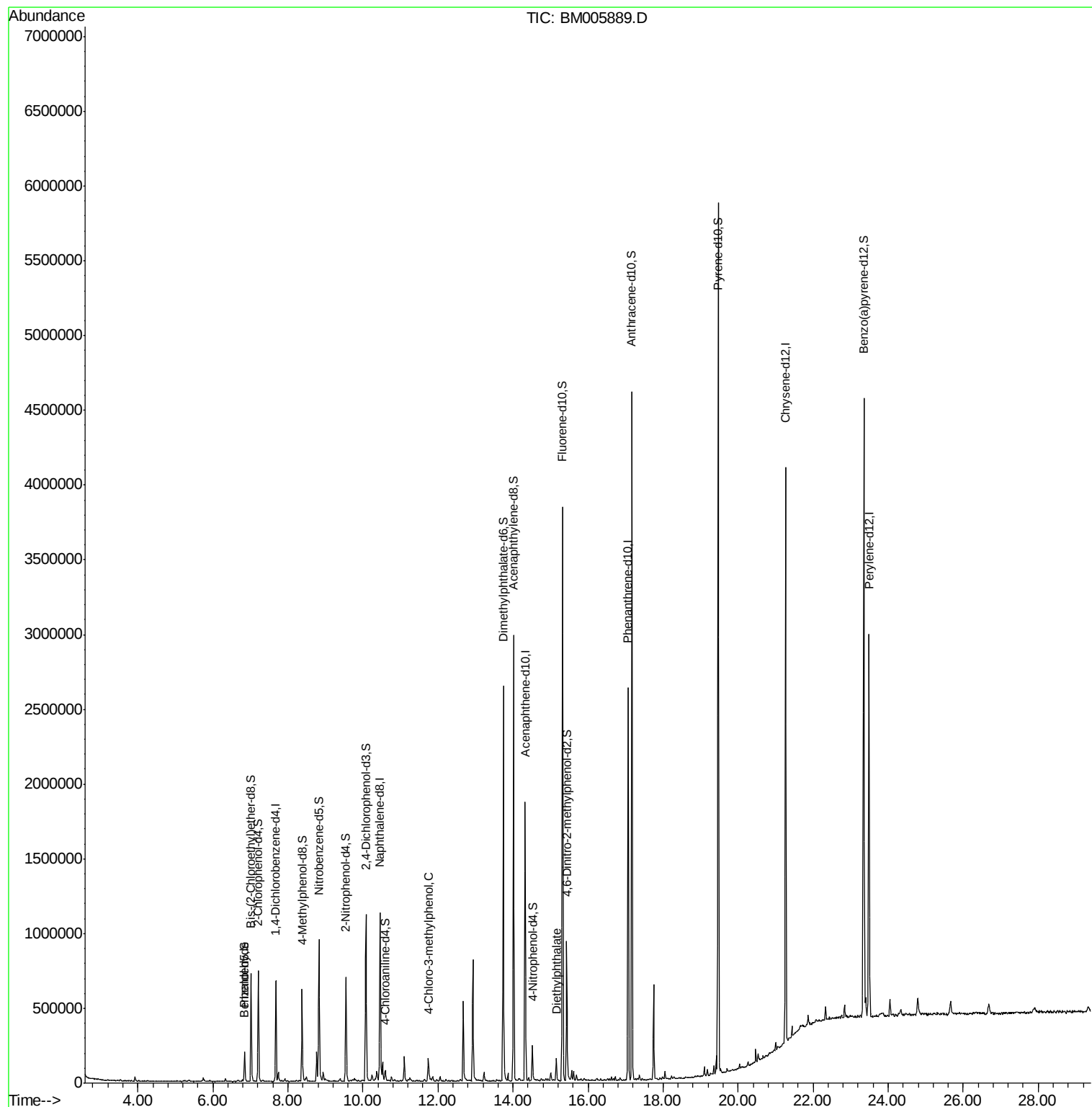
| Target Compounds            | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|-----------------------------|-------|------|----------|------|--------|--------|
| 4) Benzaldehyde             | 6.83  | 77   | 3230     | 1.39 | ng/ul# | 73     |
| 33) 4-Chloro-3-methylphenol | 11.75 | 107  | 54605    | 2.68 | ng/ul  | 96     |
| 56) Diethylphthalate        | 15.16 | 149  | 84866    | 1.36 | ng/ul  | 98     |

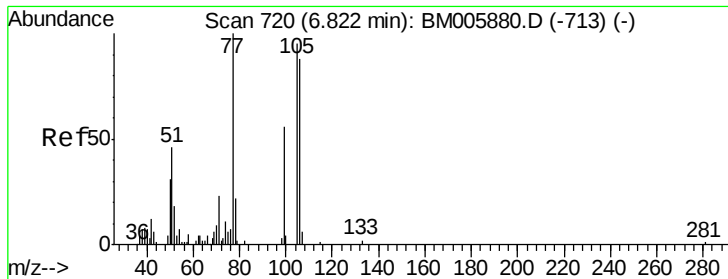
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.39 ng/ul

RT: 6.83 min Scan# 721

Delta R.T. 0.01 min

Lab File: BM005889.D

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Instrument :

BNA\_M

ClientSampleId :

C0AZ0

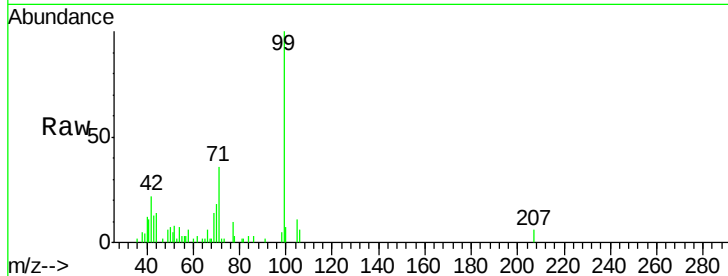
Tgt Ion: 77 Resp: 3230

Ion Ratio Lower Upper

77 100

105 108.8 73.1 109.7

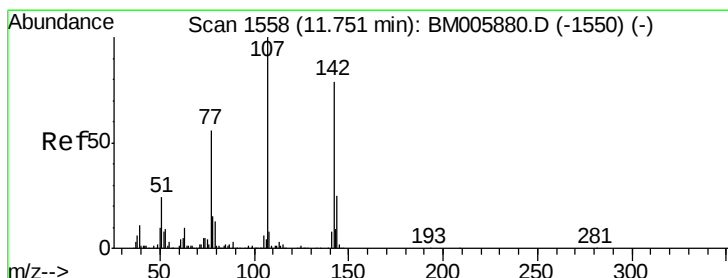
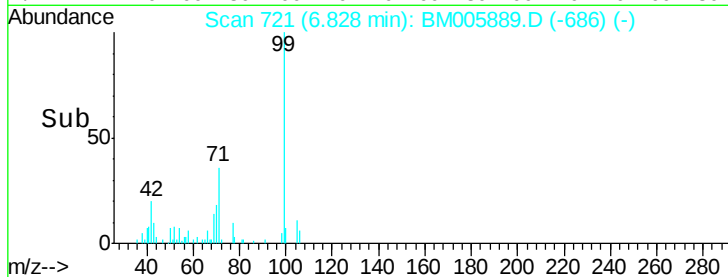
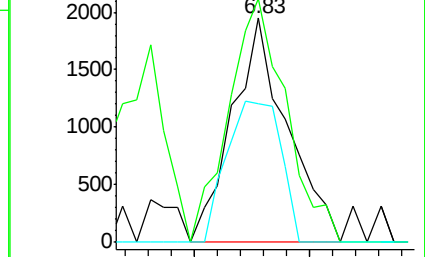
106 61.9 77.5 116.3#



Abundance Ion 77.00 (76.70 to 77.70): BM005889.D (-686) (-)

Ion 105.00 (104.70 to 105.70): BM005889.D (-686) (-)

Ion 106.00 (105.70 to 106.70): BM005889.D (-686) (-)



#33

4-Chloro-3-methylphenol

Concen: 2.68 ng/ul

RT: 11.75 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BM005889.D

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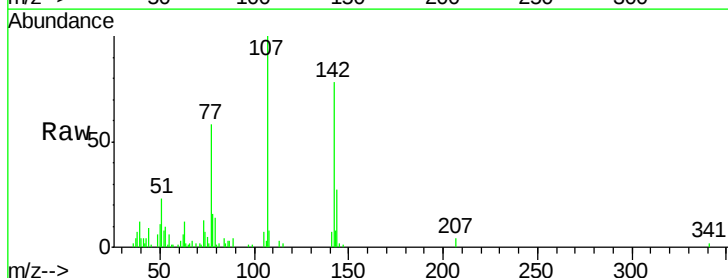
Tgt Ion: 107 Resp: 54605

Ion Ratio Lower Upper

107 100

144 26.7 19.0 28.6

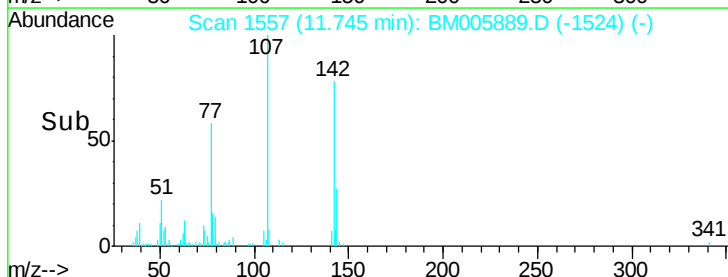
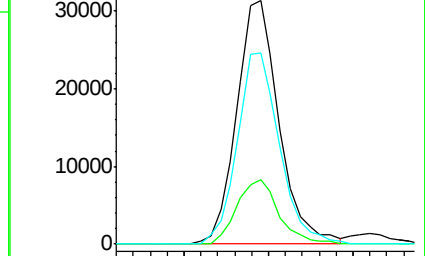
142 78.4 60.2 90.4

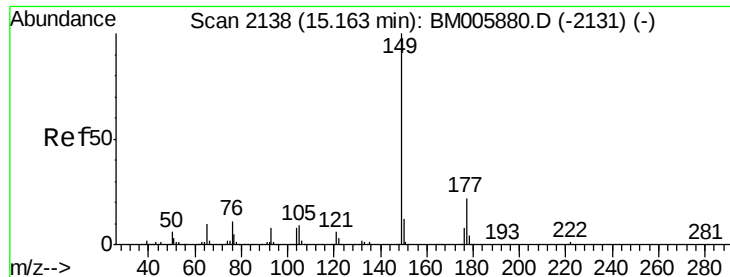


Abundance Ion 107.00 (106.70 to 107.70): BM005889.D (-1524) (-)

Ion 144.00 (143.70 to 144.70): BM005889.D (-1524) (-)

Ion 142.00 (141.70 to 142.70): BM005889.D (-1524) (-)





#56

Diethylphthalate

Concen: 1.36 ng/ul

RT: 15.16 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM005889.D

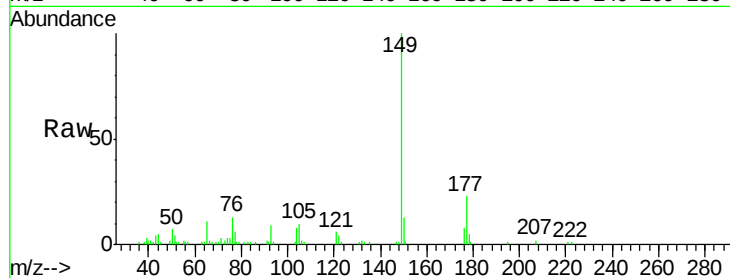
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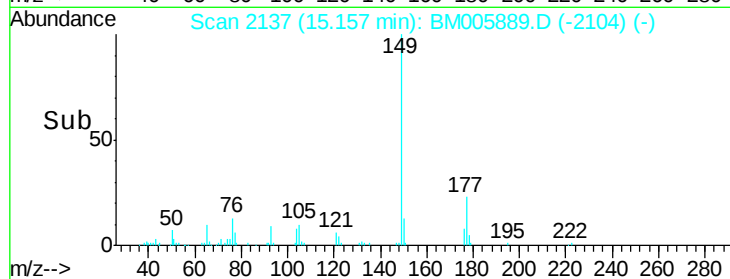
Tgt Ion:149 Resp: 84866

Ion Ratio Lower Upper

149 100

177 22.8 17.4 26.0

150 12.9 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

