

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\  
 Data File : BM011625.D  
 Acq On : 20 Sep 2017 03:42  
 Operator : SJ/JU  
 Sample : I5234-03DL 10X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AF6DL

Quant Time: Sep 20 05:52:53 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 20 05:31:56 2017  
 Response via : Initial Calibration

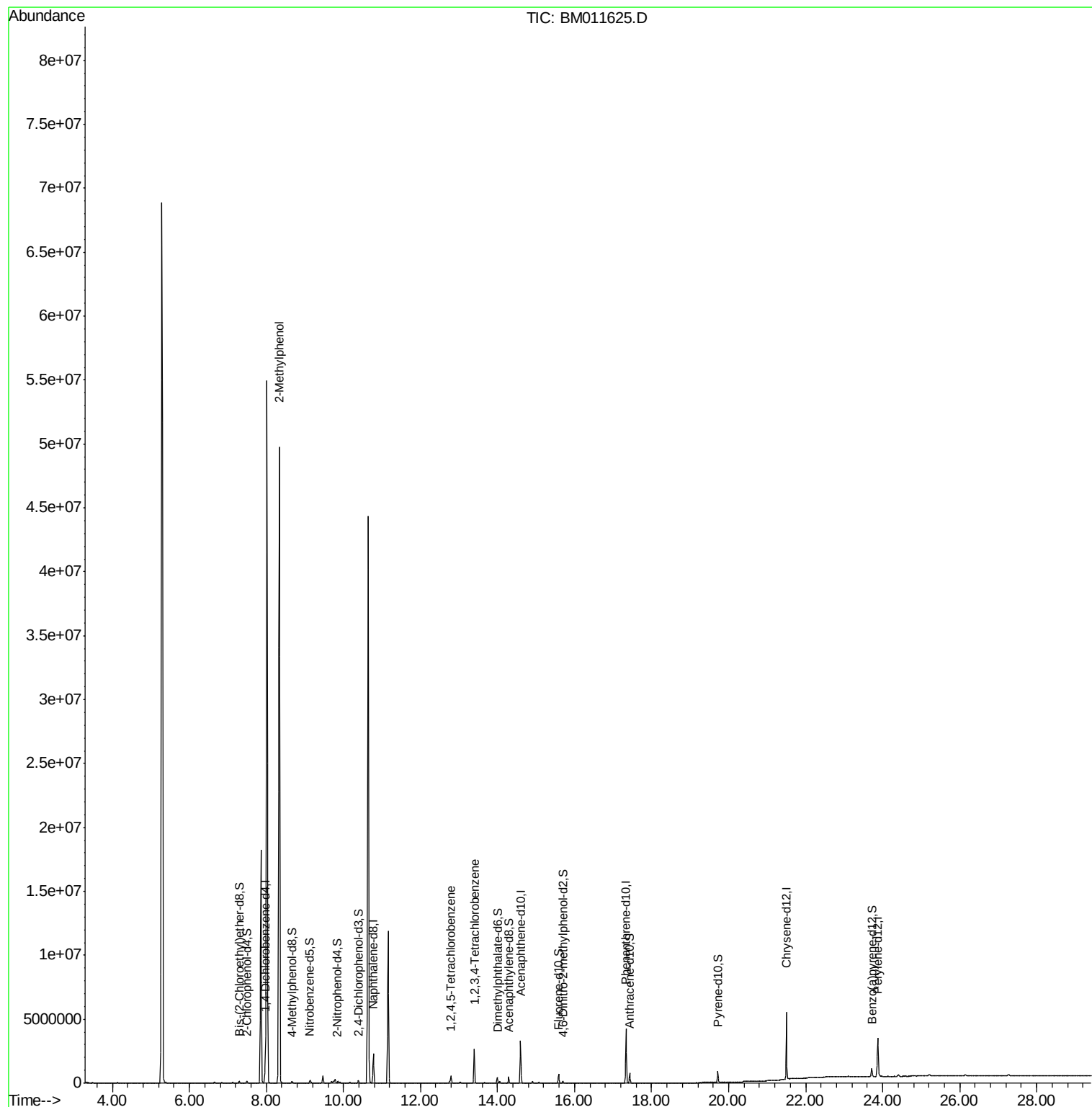
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.97  | 152  | 412851   | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.77 | 136  | 1771950  | 20.00  | ng/ul  | 0.00     |
| 36) Acenaphthene-d10           | 14.60 | 164  | 1059506  | 20.00  | ng/ul  | 0.00     |
| 62) Phenanthrene-d10           | 17.33 | 188  | 2389341  | 20.00  | ng/ul  | 0.00     |
| 78) Chrysene-d12               | 21.50 | 240  | 2430217  | 20.00  | ng/ul  | 0.00     |
| 86) Perylene-d12               | 23.87 | 264  | 2219004  | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.39  | 96   | 2165     | 0.24   | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.12  | 99   | 23065    | 0.58   | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.29  | 67   | 86161    | 3.23   | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.50  | 132  | 72069    | 2.41   | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.66  | 113  | 43419    | 1.40   | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.13  | 128  | 42189    | 3.14   | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.85  | 143  | 42875    | 3.07   | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.39 | 165  | 82516    | 2.93   | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.95 | 131  | 1128     | 0.04   | ng/ul  | 0.04     |
| 44) Dimethylphthalate-d6       | 14.00 | 166  | 325174   | 3.63   | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8          | 14.29 | 160  | 363186   | 3.35   | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.79 | 143  | 381      | 0.02   | ng/ul  | 0.01     |
| 58) Fluorene-d10               | 15.59 | 176  | 285220   | 3.68   | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.70 | 200  | 27694    | 1.99   | ng/ul  | 0.00     |
| 71) Anthracene-d10             | 17.43 | 188  | 437395   | 3.72   | ng/ul  | 0.00     |
| 79) Pyrene-d10                 | 19.72 | 212  | 469491   | 4.13   | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.71 | 264  | 367121   | 3.47   | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |        |        |          |
| 11) 2-Methylphenol             | 8.33  | 108  | 180259   | 6.042  | ng/ul  | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216  | 176476   | 5.615  | ng/ul# | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.40 | 216  | 788439   | 24.763 | ng/uL  | 99       |

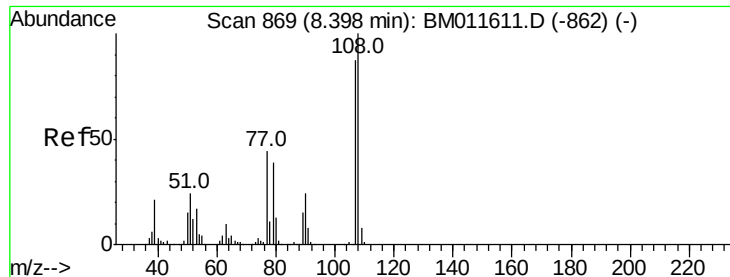
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 6.042 ng/ul

RT: 8.33 min Scan# 858

Delta R.T. -0.06 min

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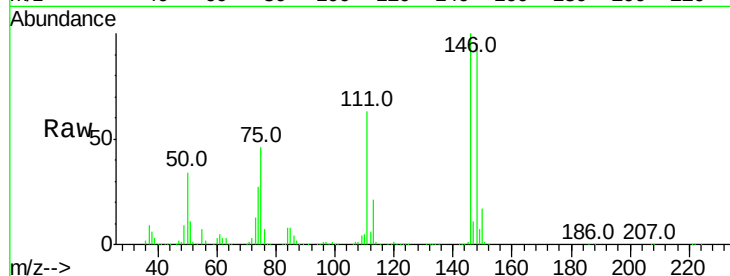
C0AF6DL

Tot Ion:108 Resp: 180259

Ion Ratio Lower Upper

108 100

107 90.2 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

100000

80000

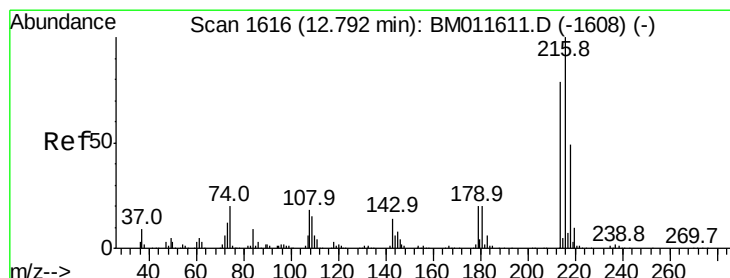
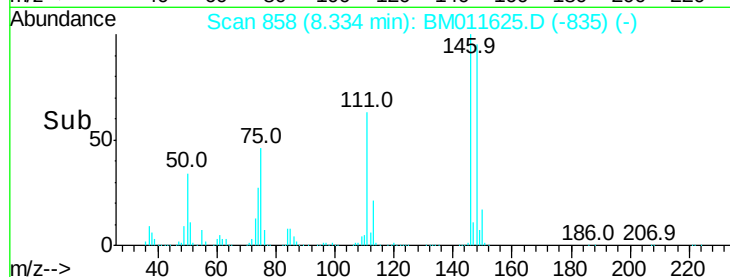
60000

40000

20000

0

Time--> 8.25 8.30 8.35 8.40



#37

1,2,4,5-Tetrachlorobenzene

Concen: 5.615 ng/ul

RT: 12.79 min Scan# 1616

Delta R.T. -0.00 min

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Tgt Ion:216 Resp: 176476

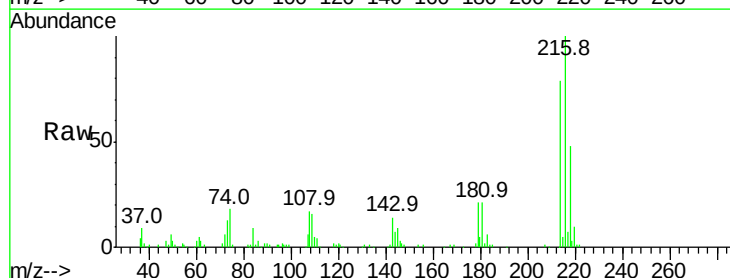
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 20.7 14.5 21.7

108 16.6 10.4 15.6#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

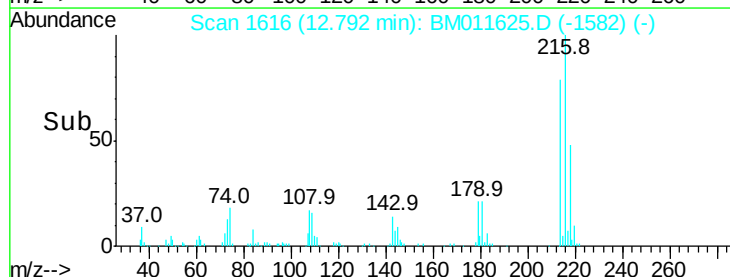
150000

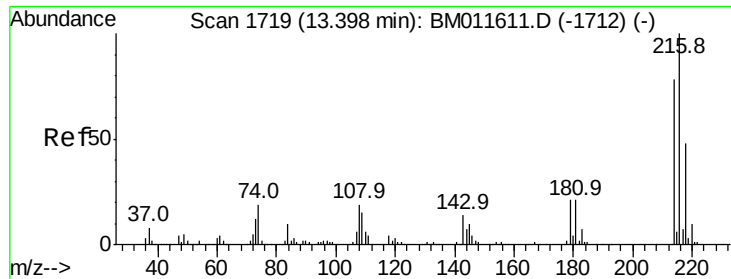
100000

50000

0

Time--> 12.75 12.80 12.85 12.90





#73

1,2,3,4-Tetrachlorobenzene

Concen: 24.763 ng/uL

RT: 13.40 min Scan# 1719

Delta R.T. -0.00 min

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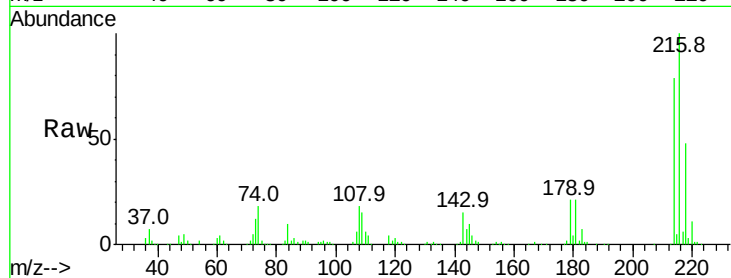
Tot Ion:216 Resp: 788439

Ion Ratio Lower Upper

216 100

214 79.5 64.1 96.1

218 48.3 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

