

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\  
 Data File : BM025841.D  
 Acq On : 27 Mar 2020 17:04  
 Operator : CG/JU  
 Sample : L1968-01DL 20X  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0DC7DL

Quant Time: Mar 29 00:22:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 27 23:44:42 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 179778   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 731979   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 449998   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.95 | 188  | 974570   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.14 | 240  | 1051161  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.29 | 264  | 1150948  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d    | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 6.75  | 99  | 2979  | 0.21 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 9695  | 1.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 9954  | 0.86 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 5813  | 0.50 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 6388  | 1.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 5779  | 1.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 10878 | 0.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d    | 0.00 | ng/ul |      |
| 44) Dimethylphthalate-d6       | 13.62 | 166 | 43402 | 1.27 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 48714 | 1.19 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0     | 0.00 | ng/ul |      |
| 58) Fluorene-d10               | 15.20 | 176 | 40167 | 1.34 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d    | 0.00 | ng/ul |      |
| 71) Anthracene-d10             | 17.04 | 188 | 64045 | 1.41 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.34 | 212 | 64913 | 1.29 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.16 | 264 | 80101 | 1.36 | ng/ul | 0.00 |

## Target Compounds

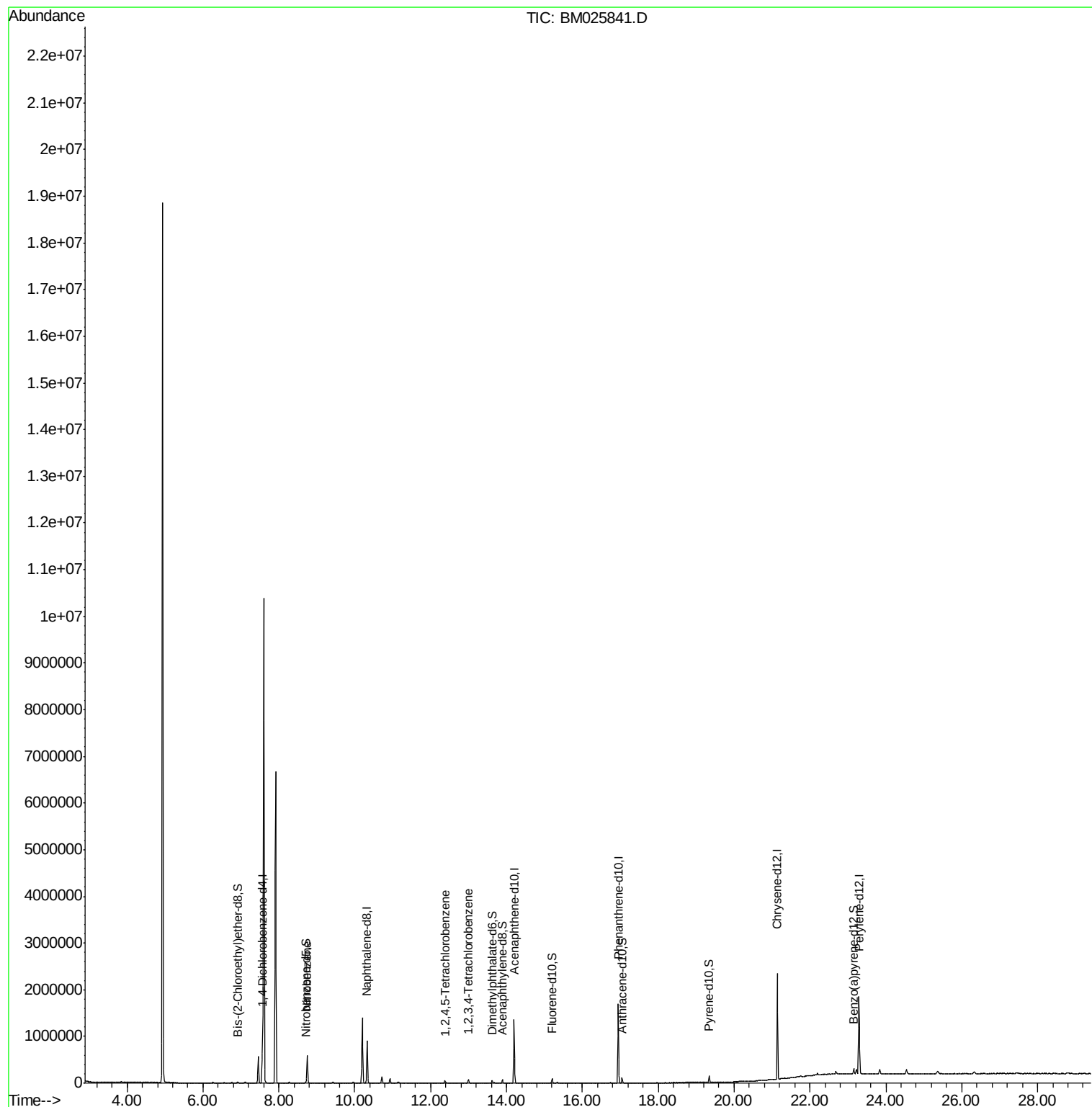
|                                |       |     |        | Ovalue |          |
|--------------------------------|-------|-----|--------|--------|----------|
| 20) Nitrobenzene               | 8.75  | 77  | 298866 | 22.549 | ng/ul 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.38 | 216 | 18314  | 1.287  | ng/ul 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.99 | 216 | 25151  | 1.684  | ng/uL 96 |

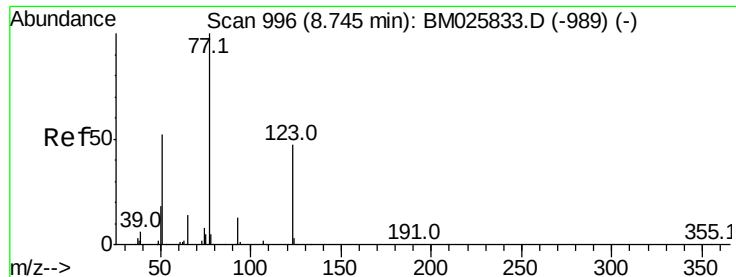
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 22.549 ng/ul

RT: 8.75 min Scan# 996

Delta R.T. -0.01 min

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Acq: 27 Mar 2020 17:04

Instrument :

BNA\_M

ClientSampleId :

C0DC7DL

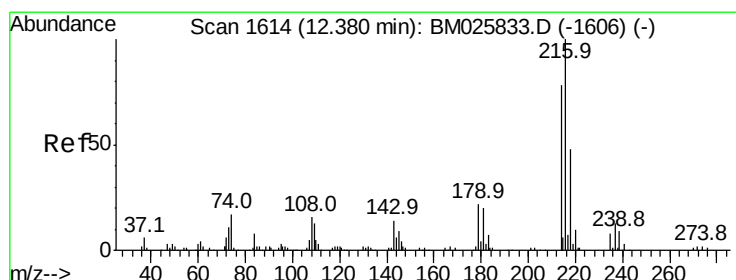
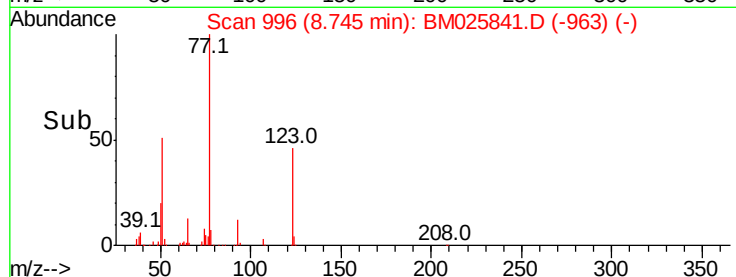
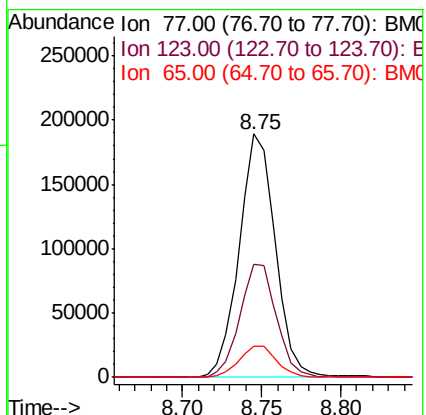
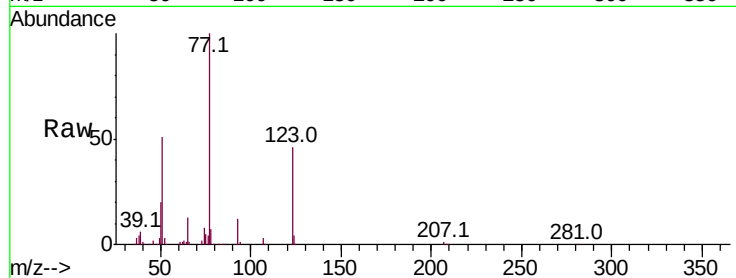
Tot Ion: 77 Resp: 298866

Ion Ratio Lower Upper

77 100

123 46.4 37.7 56.5

65 13.0 11.1 16.7



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.287 ng/ul

RT: 12.38 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BM025841.D

Acq: 27 Mar 2020 17:04

Tgt Ion: 216 Resp: 18314

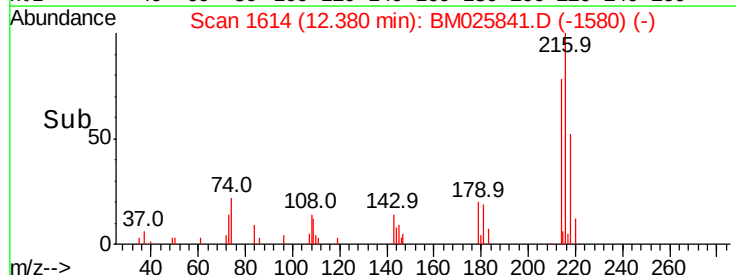
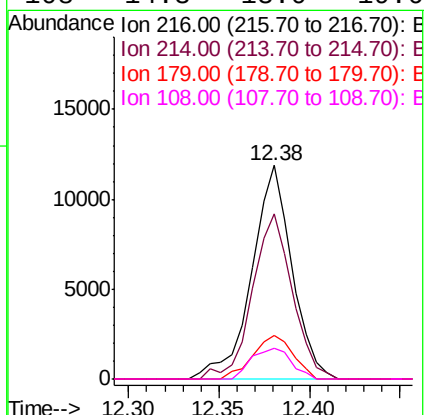
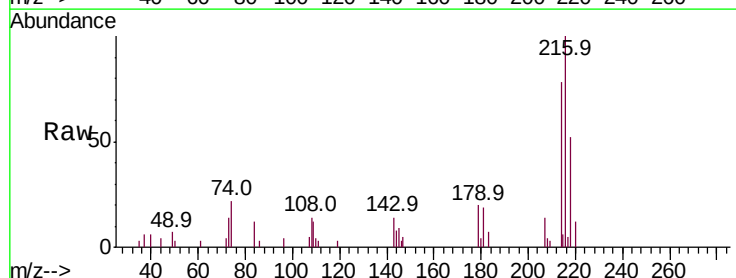
Ion Ratio Lower Upper

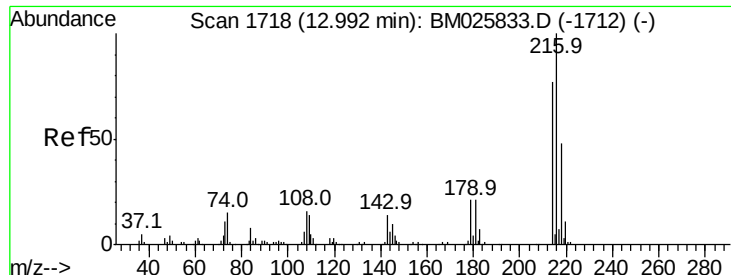
216 100

214 77.6 61.9 92.9

179 20.3 16.6 24.8

108 14.3 13.0 19.6





#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.684 ng/uL

RT: 12.99 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BM025841.D

Acq: 27 Mar 2020 17:04

Instrument :

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ClientSampleId :

C0DC7DL

Tot Ion:216 Resp: 25151

Ion Ratio Lower Upper

216 100

214 78.4 61.8 92.6

218 51.3 37.3 55.9

