

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032819\  
 Data File : BM019551.D  
 Acq On : 28 Mar 2019 21:23  
 Operator : JU/SJ  
 Sample : K2069-17  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09E4

Quant Time: Mar 29 05:05:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 29 04:57:19 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.58  | 152  | 119457   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 542975   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.24 | 164  | 311214   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.00 | 188  | 689228   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 854875   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.42 | 264  | 1055720  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 9319    | 3.05  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 54591   | 5.13  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 175516  | 24.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 174585  | 21.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 105153  | 13.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 103633  | 26.76 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 118990  | 27.60 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 191598  | 23.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.58 | 131 | 4642    | 0.48  | ng/ul | 0.05 |
| 44) Dimethylphthalate-d6       | 13.66 | 166 | 728453  | 29.01 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.93 | 160 | 882699  | 28.11 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.53 | 143 | 6621    | 1.68  | ng/ul | 0.05 |
| 58) Fluorene-d10               | 15.24 | 176 | 621179  | 28.71 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 113618  | 24.93 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.10 | 188 | 1003483 | 30.34 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.40 | 212 | 1221449 | 30.93 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264 | 1634678 | 29.21 | ng/ul | 0.00 |

## Target Compounds

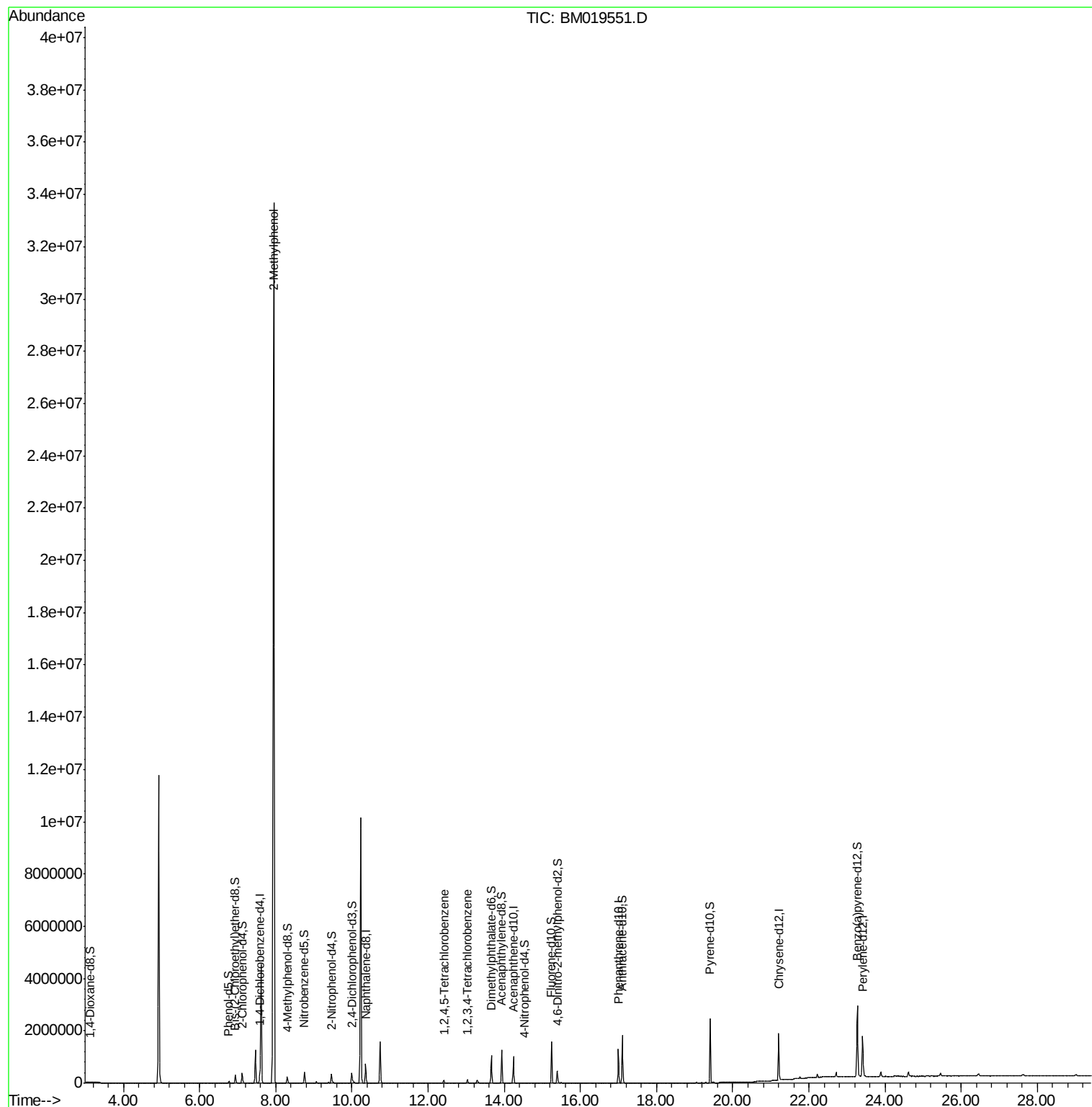
|                                |       |     |        |        | Qvalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 11) 2-Methylphenol             | 7.95  | 108 | 117091 | 15.125 | ng/ul  | 95 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 48238  | 4.871  | ng/ul# | 96 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.03 | 216 | 43362  | 4.339  | ng/uL  | 96 |

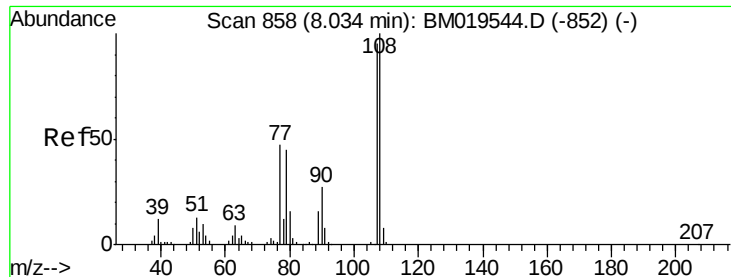
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Mar 29 04:57:19 2019  
Response via : Initial Calibration





#11

2-Methylphenol

Concen: 15.125 ng/ul

RT: 7.95 min Scan# 843

Delta R.T. -0.09 min

Lab File: BM019551.D

Acq: 28 Mar 2019 21:23

Instrument :

BNA\_M

ClientSampled :

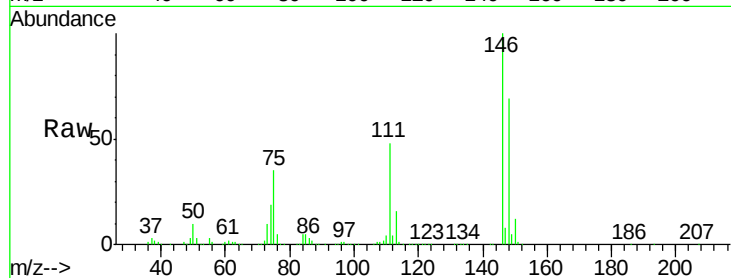
C09E4

Tgt Ion:108 Resp: 117091

Ion Ratio Lower Upper

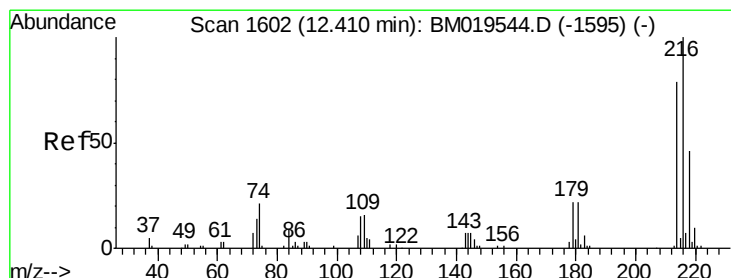
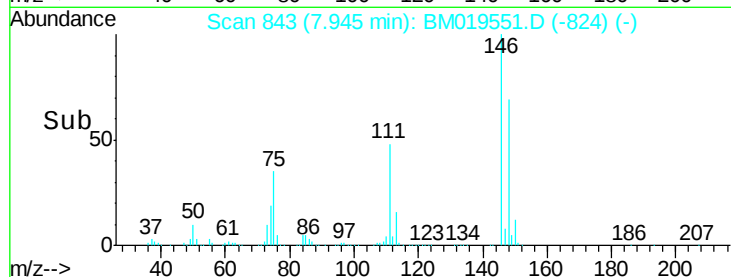
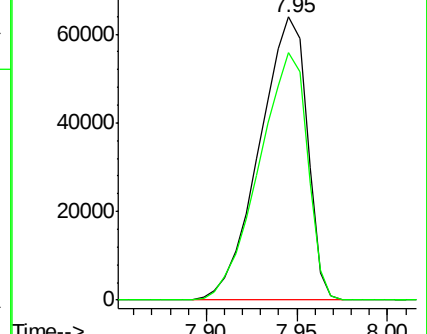
108 100

107 87.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.871 ng/ul

RT: 12.42 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BM019551.D

Acq: 28 Mar 2019 21:23

Tgt Ion:216 Resp: 48238

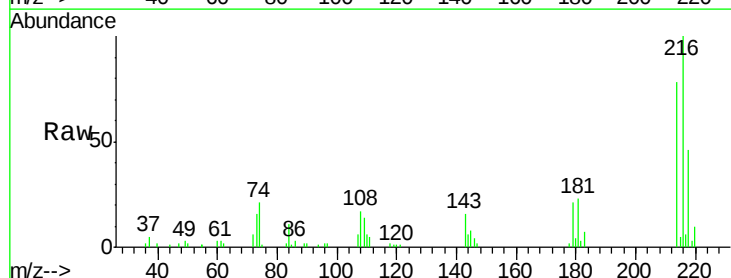
Ion Ratio Lower Upper

216 100

214 77.9 64.1 96.1

179 20.7 14.5 21.7

108 17.1 10.4 15.6#

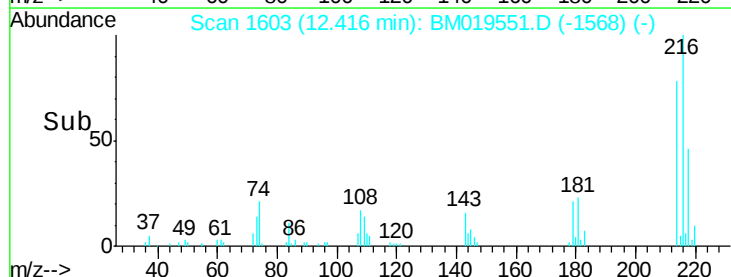
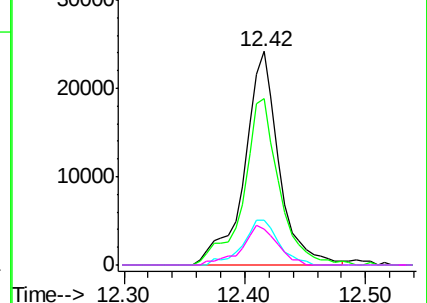


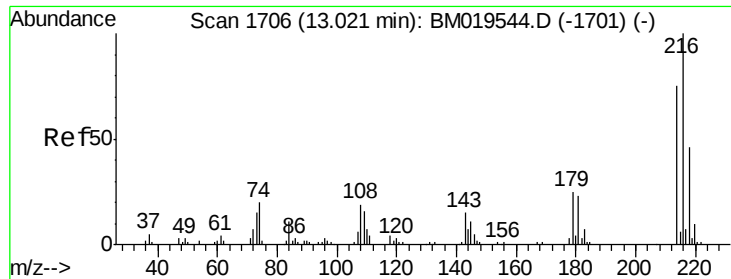
Abundance Ion 216.00 (215.70 to 216.70): E

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.339 ng/uL

RT: 13.03 min Scan# 1708

Delta R.T. 0.01 min

Lab File: BM019551.D

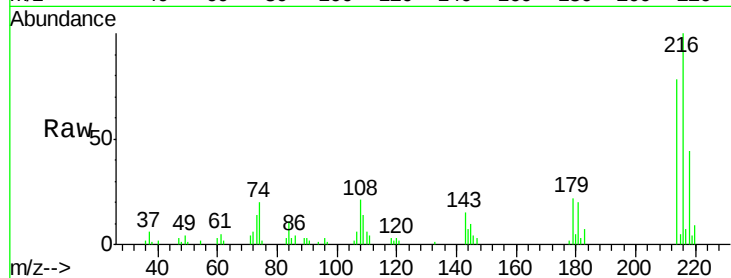
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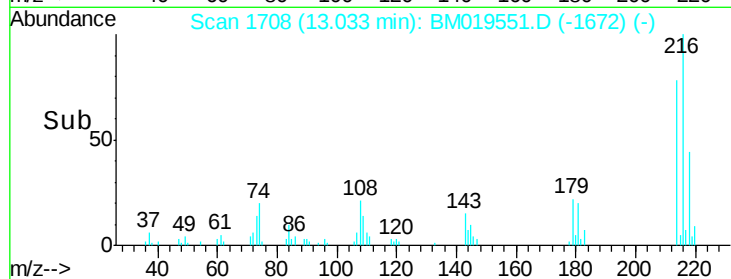
Tgt Ion: 216 Resp: 43362

Ion Ratio Lower Upper

216 100

214 78.0 64.1 96.1

218 44.3 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

