

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\  
 Data File : BM023848.D  
 Acq On : 22 Nov 2019 03:08  
 Operator : JU  
 Sample : K5809-21  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 22 05:52:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 21 16:09:32 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 405762   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.29 | 136  | 1543030  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.17 | 164  | 895898   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.93 | 188  | 1751357  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.16 | 240  | 1334715  | 20.00 | ng/ul | 0.02     |
| 86) Perylene-d12          | 23.35 | 264  | 1903079  | 20.00 | ng/ul | 0.06     |

## System Monitoring Compounds

|                                |       |     |       |      |       |       |
|--------------------------------|-------|-----|-------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 163   | 0.02 | ng/uL | -0.01 |
| 5) Phenol-d5                   | 6.70  | 99  | 293   | 0.01 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 1884  | 0.09 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0     | 0.00 | ng/ul |       |
| 13) 4-Methylphenol-d8          | 8.24  | 113 | 957   | 0.03 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.68  | 128 | 111   | 0.01 | ng/ul | 0.01  |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0     | 0.00 | ng/ul |       |
| 26) 2,4-Dichlorophenol-d3      | 9.90  | 165 | 84    | 0.00 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 10.45 | 131 | 447   | 0.02 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.60 | 166 | 1187  | 0.02 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.83 | 160 | 459   | 0.01 | ng/ul | -0.04 |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 2388  | 0.20 | ng/ul | 0.01  |
| 58) Fluorene-d10               | 15.17 | 176 | 947   | 0.02 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 5018  | 0.50 | ng/ul | 0.04  |
| 71) Anthracene-d10             | 17.03 | 188 | 12437 | 0.15 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.36 | 212 | 2494  | 0.04 | ng/ul | 0.03  |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264 | 3962  | 0.04 | ng/ul | 0.04  |

## Target Compounds

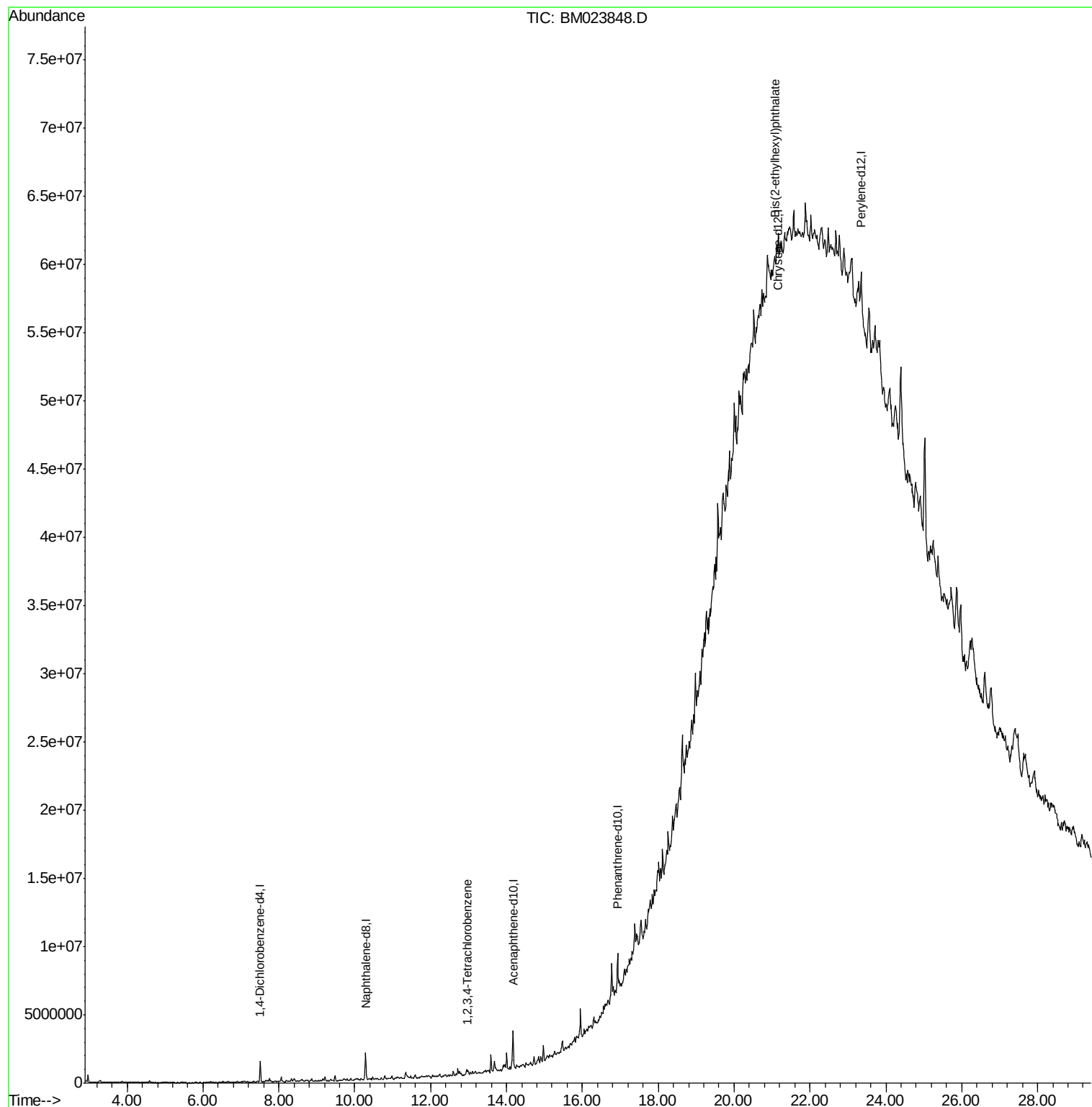
|                                |       |     |       | Ovalue |           |
|--------------------------------|-------|-----|-------|--------|-----------|
| 73) 1,2,3,4-Tetrachlorobenzene | 12.96 | 216 | 38032 | 1.532  | ng/uL 91  |
| 84) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 73175 | 1.774  | ng/ul# 38 |

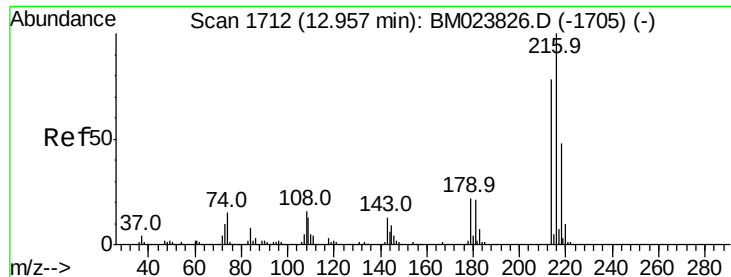
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.532 ng/uL

RT: 12.96 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM023848.D

Acq: 22 Nov 2019 03:08

Instrument :

BNA\_M

ClientSampled :

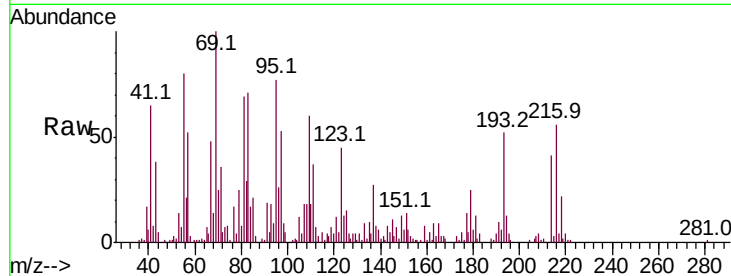
Tot Ion:216 Resp: 38032

Ion Ratio Lower Upper

216 100

214 73.0 63.1 94.7

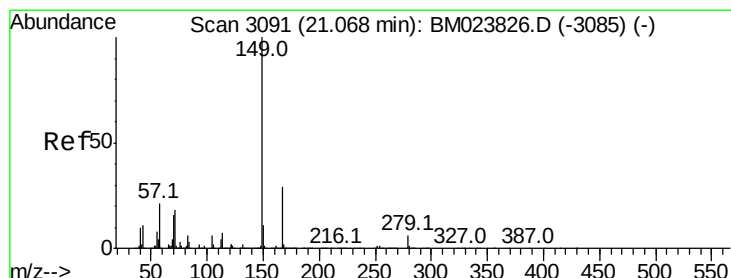
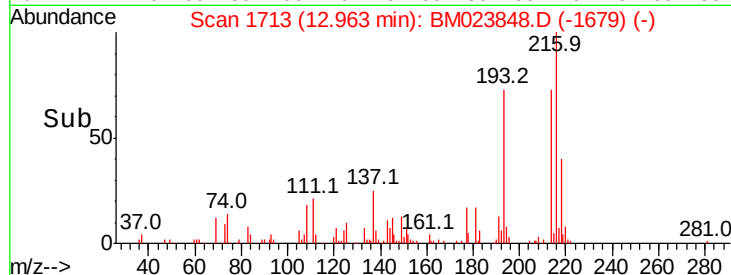
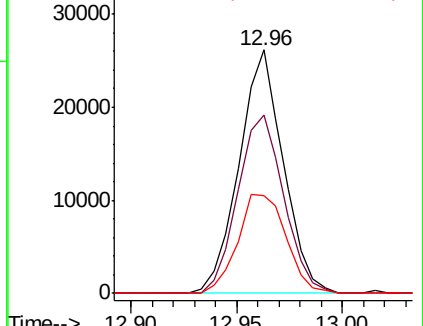
218 40.0 38.6 57.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.774 ng/uL

RT: 21.09 min Scan# 3095

Delta R.T. 0.02 min

Lab File: BM023848.D

Acq: 22 Nov 2019 03:08

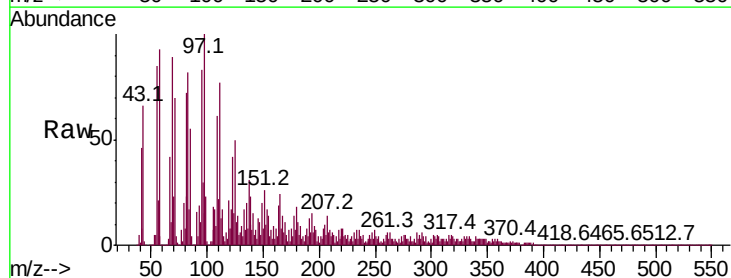
Tgt Ion:149 Resp: 73175

Ion Ratio Lower Upper

149 100

167 67.4 23.4 35.2#

279 12.8 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

