

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032919\  
 Data File : BM019610.D  
 Acq On : 30 Mar 2019 09:32  
 Operator : JU/SJ  
 Sample : K2122-09  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 30 20:56:47 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 29 14:33:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 140765   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 635014   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.23 | 164  | 358483   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.99 | 188  | 815244   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 1018968  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.40 | 264  | 1307319  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 24238   | 6.74  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.76  | 99  | 336056  | 26.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 221523  | 26.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 261402  | 27.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 254156  | 27.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 122912  | 27.13 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 143196  | 28.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 242831  | 25.53 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 351398  | 30.76 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.66 | 166 | 822716  | 28.44 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.93 | 160 | 1044830 | 28.89 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 118492  | 26.13 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.23 | 176 | 723063  | 29.01 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 110638  | 20.52 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.09 | 188 | 1139796 | 29.13 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.40 | 212 | 1314941 | 27.94 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 1855631 | 26.77 | ng/ul | 0.00 |

## Target Compounds

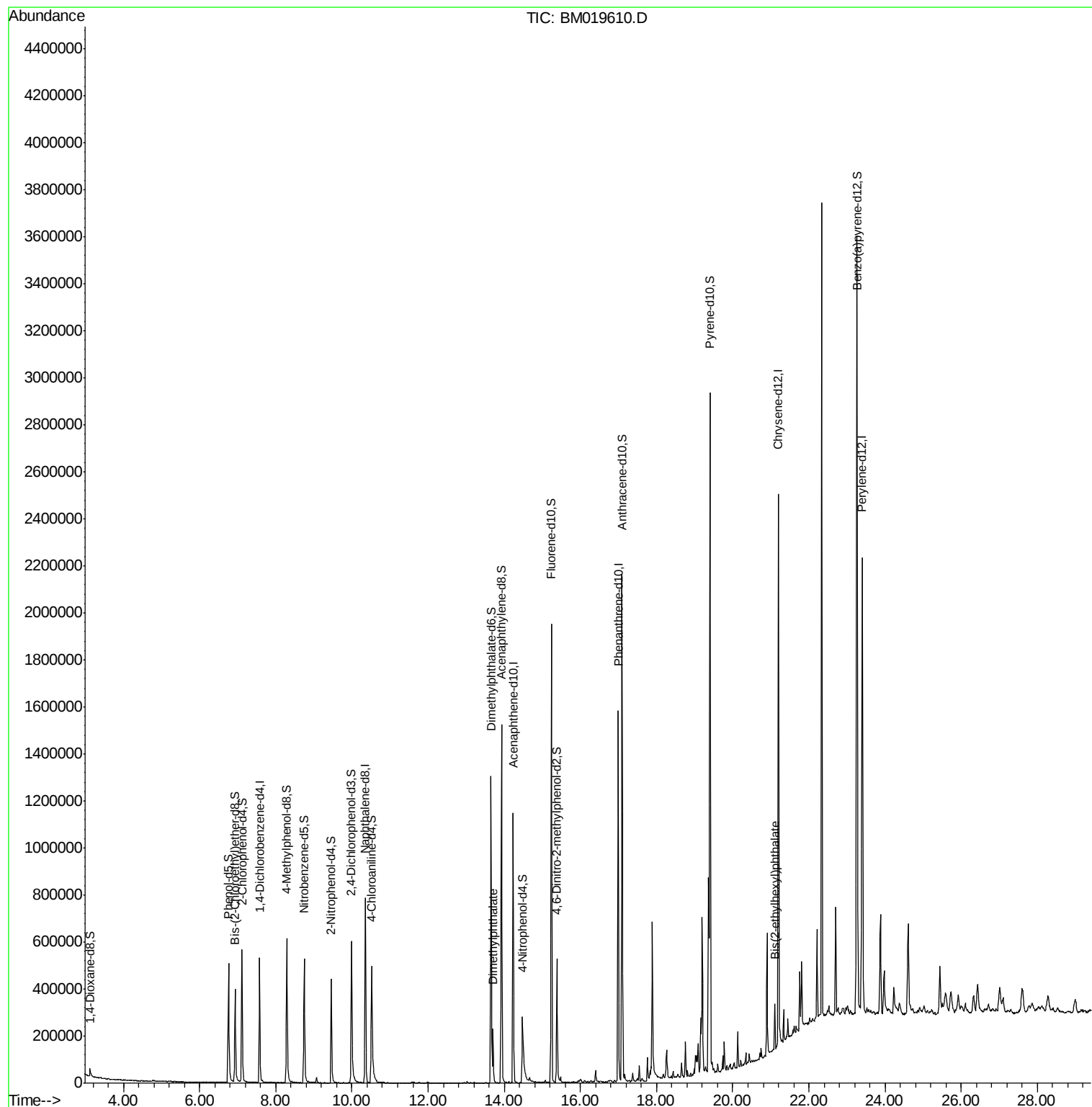
|                                |       |     |        |       | Ovalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 45) Dimethylphthalate          | 13.70 | 163 | 141653 | 4.881 | ng/ul# | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 62851  | 1.786 | ng/ul  | 95 |

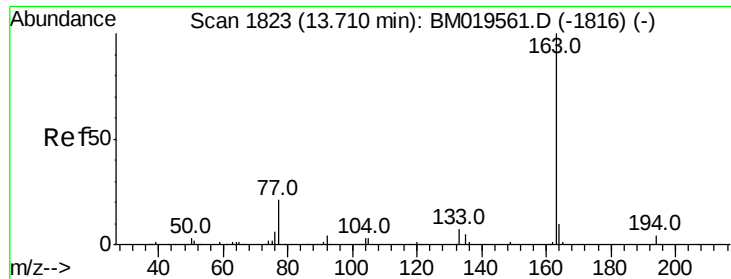
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.881 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM019610.D

Acq: 30 Mar 2019 09:32

Instrument :

BNA\_M

ClientSampleId :

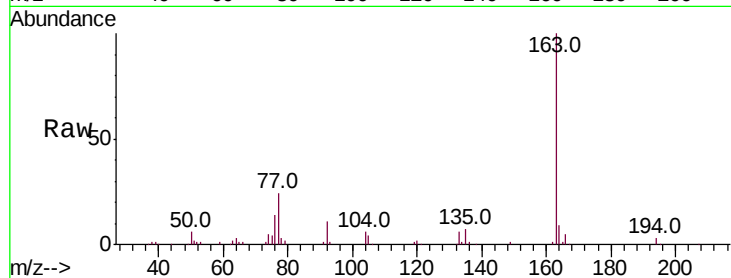
Tot Ion:163 Resp: 141653

Ion Ratio Lower Upper

163 100

194 3.4 4.0 6.0#

164 9.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

120000

100000

80000

60000

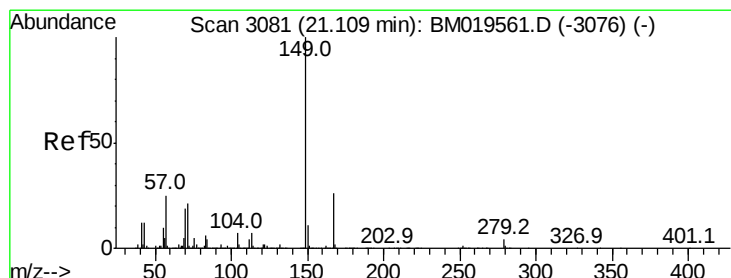
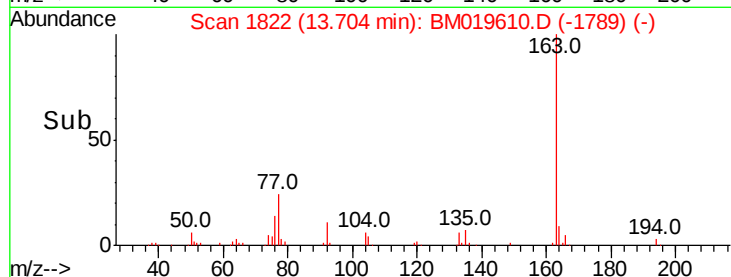
40000

20000

0

13.65 13.70 13.75 13.80

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.786 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM019610.D

Acq: 30 Mar 2019 09:32

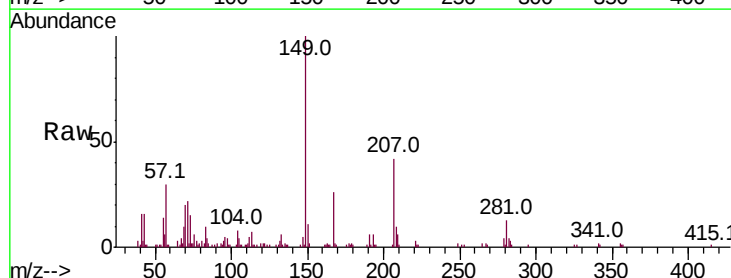
Tgt Ion:149 Resp: 62851

Ion Ratio Lower Upper

149 100

167 26.0 23.0 34.6

279 4.3 4.3 6.5



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

80000

60000

40000

20000

0

21.05 21.10 21.15

Time-->

