

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\  
 Data File : BM023674.D  
 Acq On : 12 Nov 2019 20:50  
 Operator : JU  
 Sample : K5565-08  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLNA7

Quant Time: Nov 13 00:06:13 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 12 05:56:01 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 492798   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 2250722  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 1587522  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.95 | 188  | 3516909  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.15 | 240  | 2733249  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.31 | 264  | 2488346  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 29041   | 2.43  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.73  | 99  | 589082  | 13.11 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.89  | 67  | 402168  | 15.58 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.08  | 132 | 499775  | 15.36 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.26  | 113 | 534832  | 14.92 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 271189  | 16.83 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.41  | 143 | 304082  | 17.96 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 599565  | 15.53 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.46 | 131 | 434093  | 10.24 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.62 | 166 | 2238301 | 18.08 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.89 | 160 | 2498466 | 17.68 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.42 | 143 | 126228  | 5.97  | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.20 | 176 | 1942035 | 17.76 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 235397  | 11.57 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.04 | 188 | 3062585 | 18.36 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.35 | 212 | 3311429 | 23.24 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.17 | 264 | 2494479 | 19.05 | ng/ul | -0.01 |

## Target Compounds

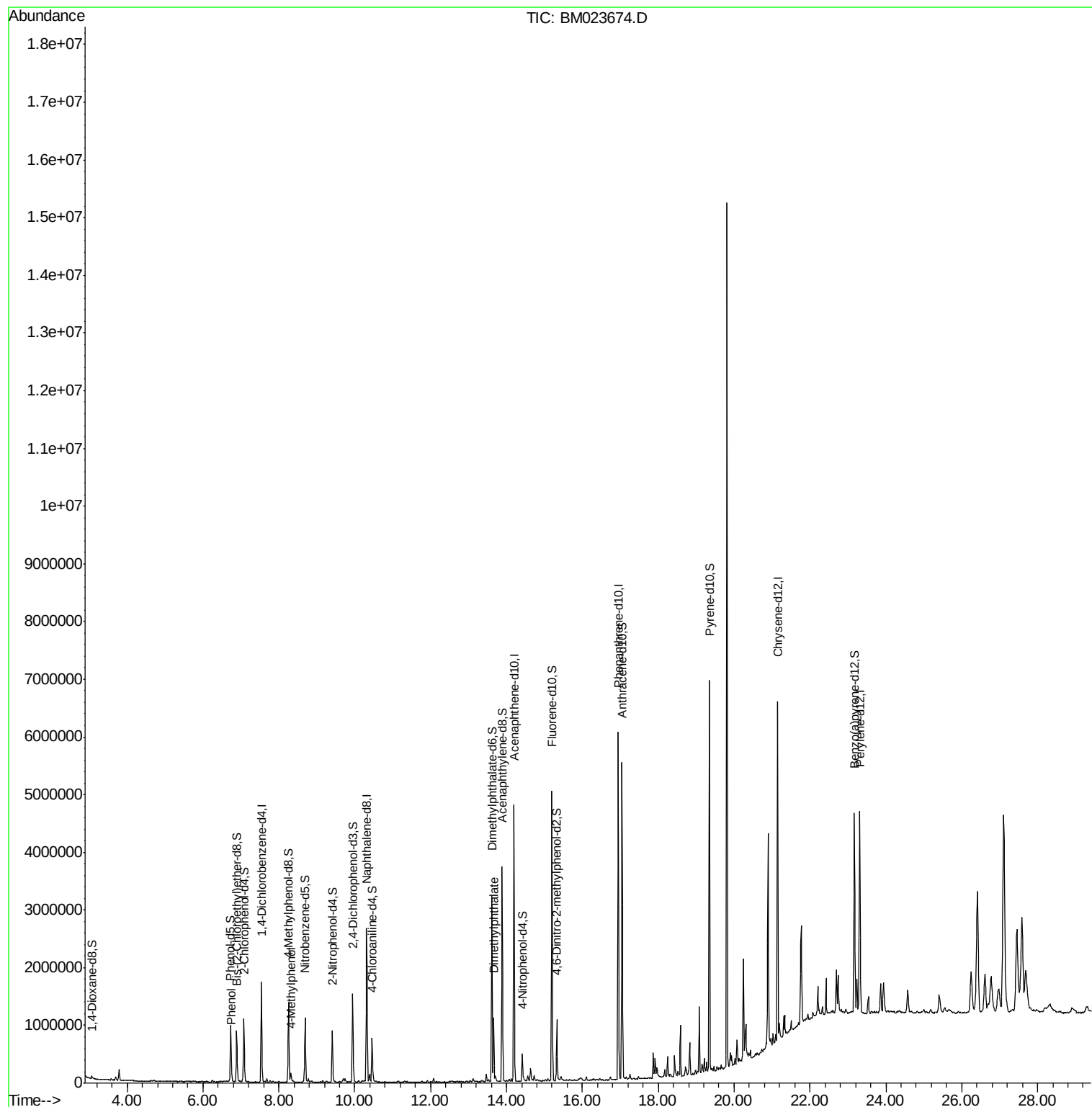
|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 6.76  | 94  | 68215  | 1.474  | ng/ul 96  |
| 16) 4-Methylphenol    | 8.32  | 108 | 63146  | 1.651  | ng/ul 97  |
| 45) Dimethylphthalate | 13.66 | 163 | 724338 | 5.970  | ng/ul 100 |

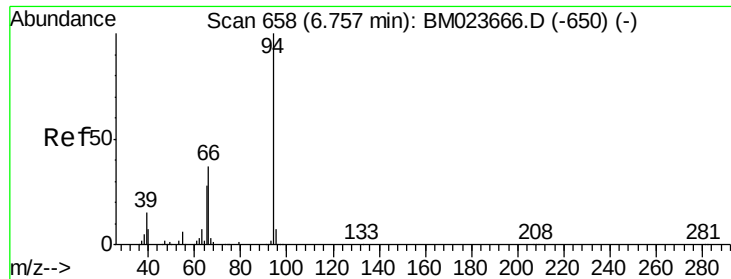
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.474 ng/ul

RT: 6.76 min Scan# 658

Delta R.T. -0.00 min

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Acq: 12 Nov 2019 20:50

Instrument :

BNA\_M

ClientSampleId :

JLNA7

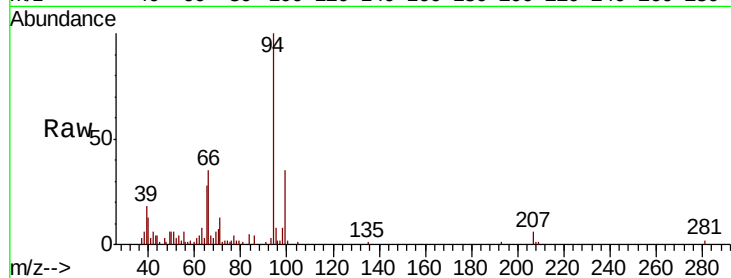
Tot Ion: 94 Resp: 68215

Ion Ratio Lower Upper

94 100

65 27.6 21.4 32.2

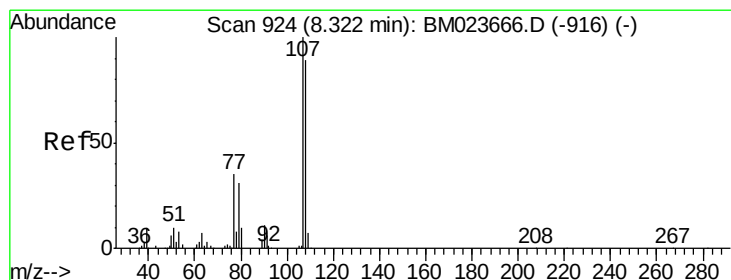
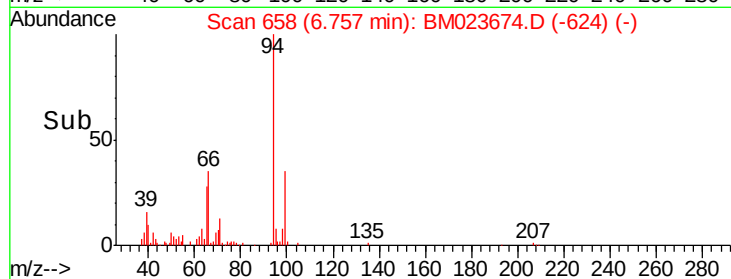
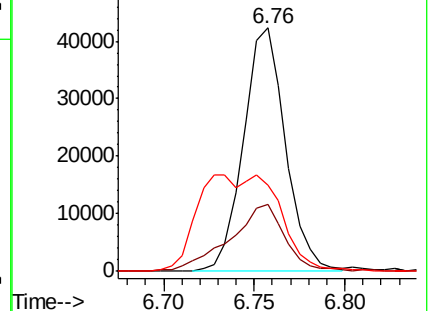
66 35.3 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023666.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM023666.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM023666.D (-650) (-)



#16

4-Methylphenol

Concen: 1.651 ng/ul

RT: 8.32 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM023674.D

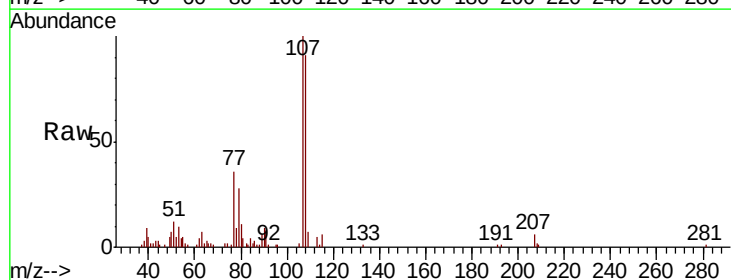
Acq: 12 Nov 2019 20:50

Tgt Ion: 108 Resp: 63146

Ion Ratio Lower Upper

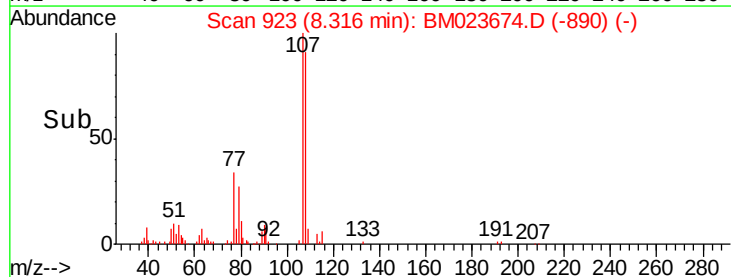
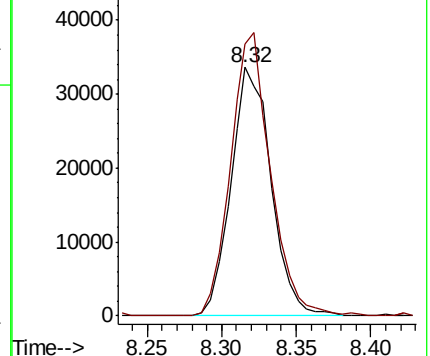
108 100

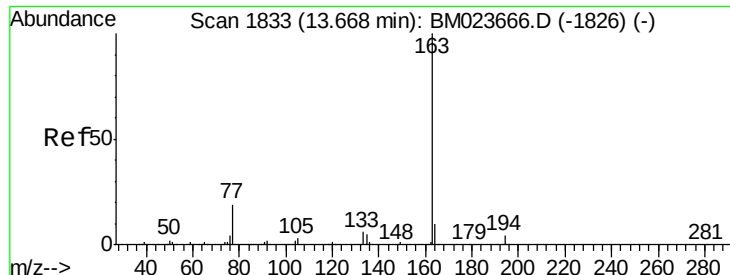
107 109.3 89.8 134.6



Abundance Ion 108.00 (107.70 to 108.70): BM023666.D (-916) (-)

Ion 107.00 (106.70 to 107.70): BM023666.D (-916) (-)





#45

Dimethylphthalate

Concen: 5.970 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

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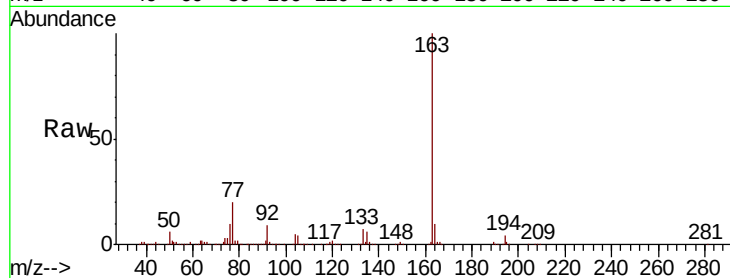
Tot Ion:163 Resp: 724338

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

600000

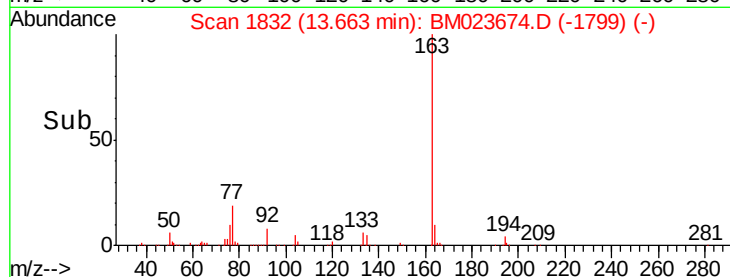
Ion 194.00 (193.70 to 194.70): E

400000

Ion 164.00 (163.70 to 164.70): E

200000

0



Time-->

13.66

13.60

13.70