

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\  
 Data File : BM023473.D  
 Acq On : 30 Oct 2019 09:52  
 Operator : JU  
 Sample : K5434-13  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 30 17:13:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 25 07:44:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 338642   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.40 | 136  | 1364996  | 20.00 | ng/ul | -0.02    |
| 36) Acenaphthene-d10      | 14.27 | 164  | 831537   | 20.00 | ng/ul | -0.02    |
| 62) Phenanthrene-d10      | 17.02 | 188  | 1680252  | 20.00 | ng/ul | -0.02    |
| 78) Chrysene-d12          | 21.21 | 240  | 1719653  | 20.00 | ng/ul | -0.02    |
| 86) Perylene-d12          | 23.40 | 264  | 2102132  | 20.00 | ng/ul | -0.03    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 30449   | 4.27  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.80  | 99  | 601491  | 21.15 | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 383124  | 22.98 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 492989  | 22.17 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8          | 8.33  | 113 | 475281  | 20.57 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 8.77  | 128 | 245120  | 23.85 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 9.49  | 143 | 251763  | 22.08 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 448528  | 20.02 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 578807  | 22.47 | ng/ul | -0.02 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 1476555 | 23.38 | ng/ul | -0.02 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 1723460 | 23.82 | ng/ul | -0.02 |
| 52) 4-Nitrophenol-d4           | 14.48 | 143 | 82685   | 7.56  | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.26 | 176 | 1291358 | 24.15 | ng/ul | -0.02 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 105900  | 10.12 | ng/ul | -0.02 |
| 71) Anthracene-d10             | 17.11 | 188 | 2029222 | 25.55 | ng/ul | -0.02 |
| 79) Pyrene-d10                 | 19.41 | 212 | 2364955 | 25.01 | ng/ul | -0.02 |
| 90) Benzo(a)pyrene-d12         | 23.26 | 264 | 2849880 | 26.61 | ng/ul | -0.02 |

## Target Compounds

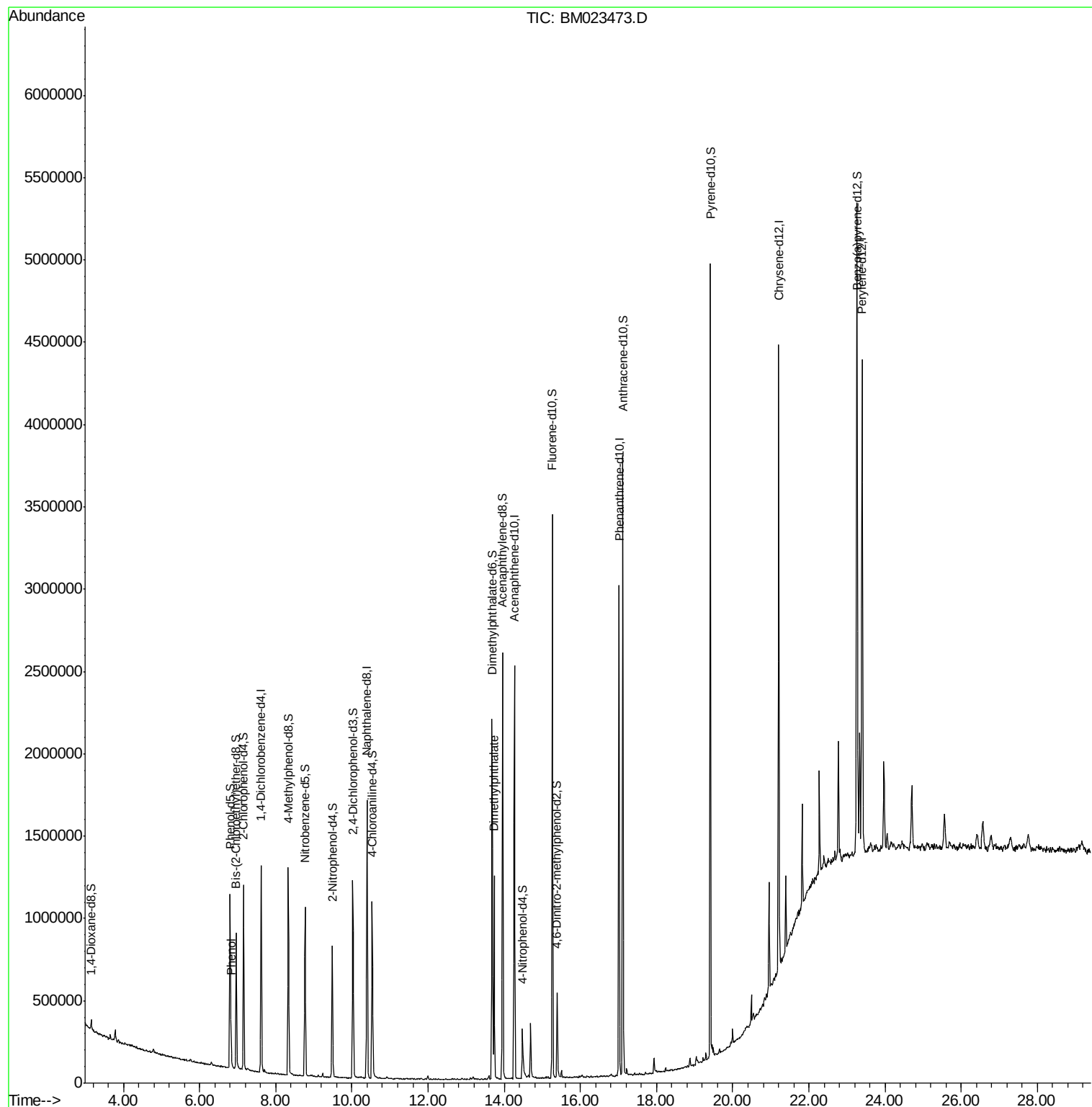
|                       |       |     |        |        | Ovalue    |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 6.83  | 94  | 86840  | 2.965  | ng/ul 97  |
| 45) Dimethylphthalate | 13.73 | 163 | 795547 | 12.548 | ng/ul 100 |

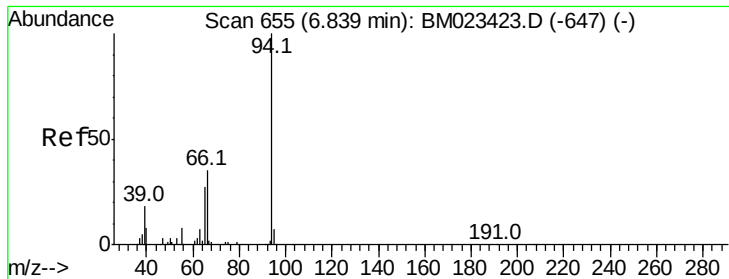
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.965 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. -0.02 min

Lab File: BM023473.D

Acq: 30 Oct 2019 09:52

Instrument :

BNA\_M

ClientSampleId :

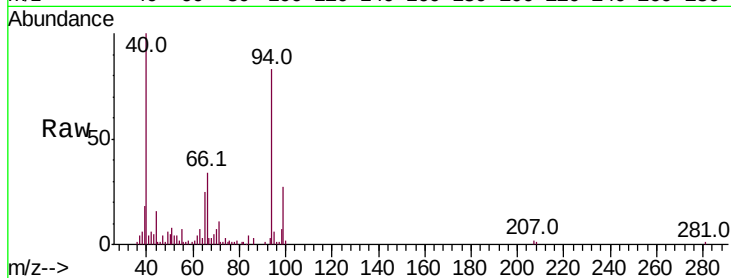
Tot Ion: 94 Resp: 86840

Ion Ratio Lower Upper

94 100

65 30.0 22.9 34.3

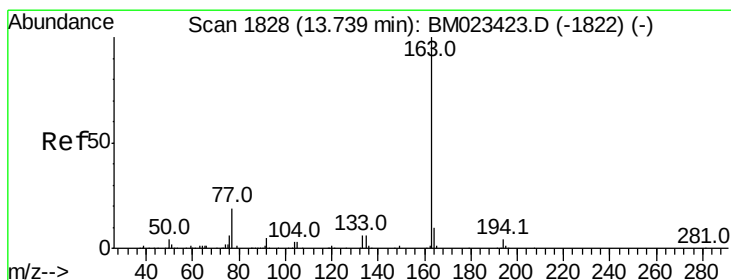
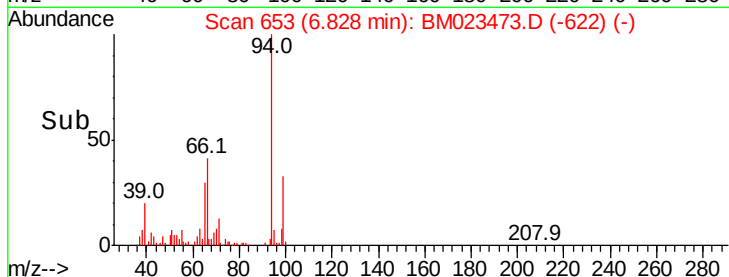
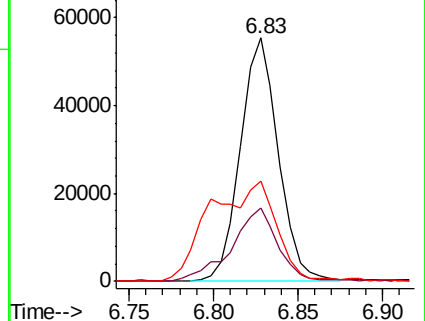
66 41.1 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023423.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM023423.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM023423.D (-647) (-)



#45

Dimethylphthalate

Concen: 12.548 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.02 min

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Acq: 30 Oct 2019 09:52

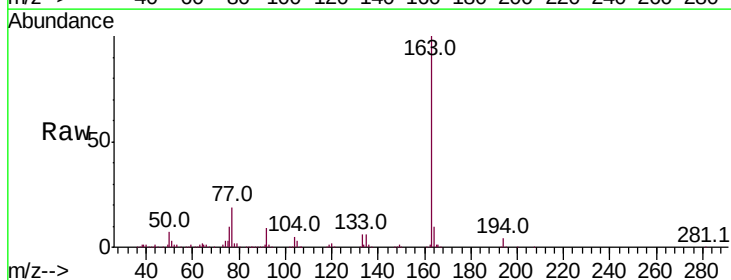
Tgt Ion: 163 Resp: 795547

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): BM023423.D (-1822) (-)

Ion 194.00 (193.70 to 194.70): BM023423.D (-1822) (-)

Ion 164.00 (163.70 to 164.70): BM023423.D (-1822) (-)

