

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\  
 Data File : BM023009.D  
 Acq On : 06 Oct 2019 02:53  
 Operator : JU  
 Sample : K5057-05  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 06 23:36:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 04 16:45:59 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 246757   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.57 | 136  | 1083954  | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.42 | 164  | 662688   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.16 | 188  | 1217064  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.34 | 240  | 875373   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.59 | 264  | 961578   | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 15474  | 2.71  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.96  | 99  | 290689 | 13.33 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 172341 | 14.44 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 238543 | 13.59 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.49  | 113 | 212157 | 11.88 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 8.94  | 128 | 114616 | 13.70 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.66  | 143 | 116486 | 12.75 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.20 | 165 | 236465 | 13.00 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.71 | 131 | 285885 | 12.94 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.83 | 166 | 741552 | 14.42 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.12 | 160 | 842348 | 14.19 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.62 | 143 | 76660  | 7.54  | ng/ul | -0.01 |
| 58) Fluorene-d10               | 15.42 | 176 | 624897 | 14.26 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 60582  | 7.65  | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.26 | 188 | 868751 | 14.62 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.55 | 212 | 888805 | 18.87 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.45 | 264 | 793699 | 15.96 | ng/ul | -0.02 |

## Target Compounds

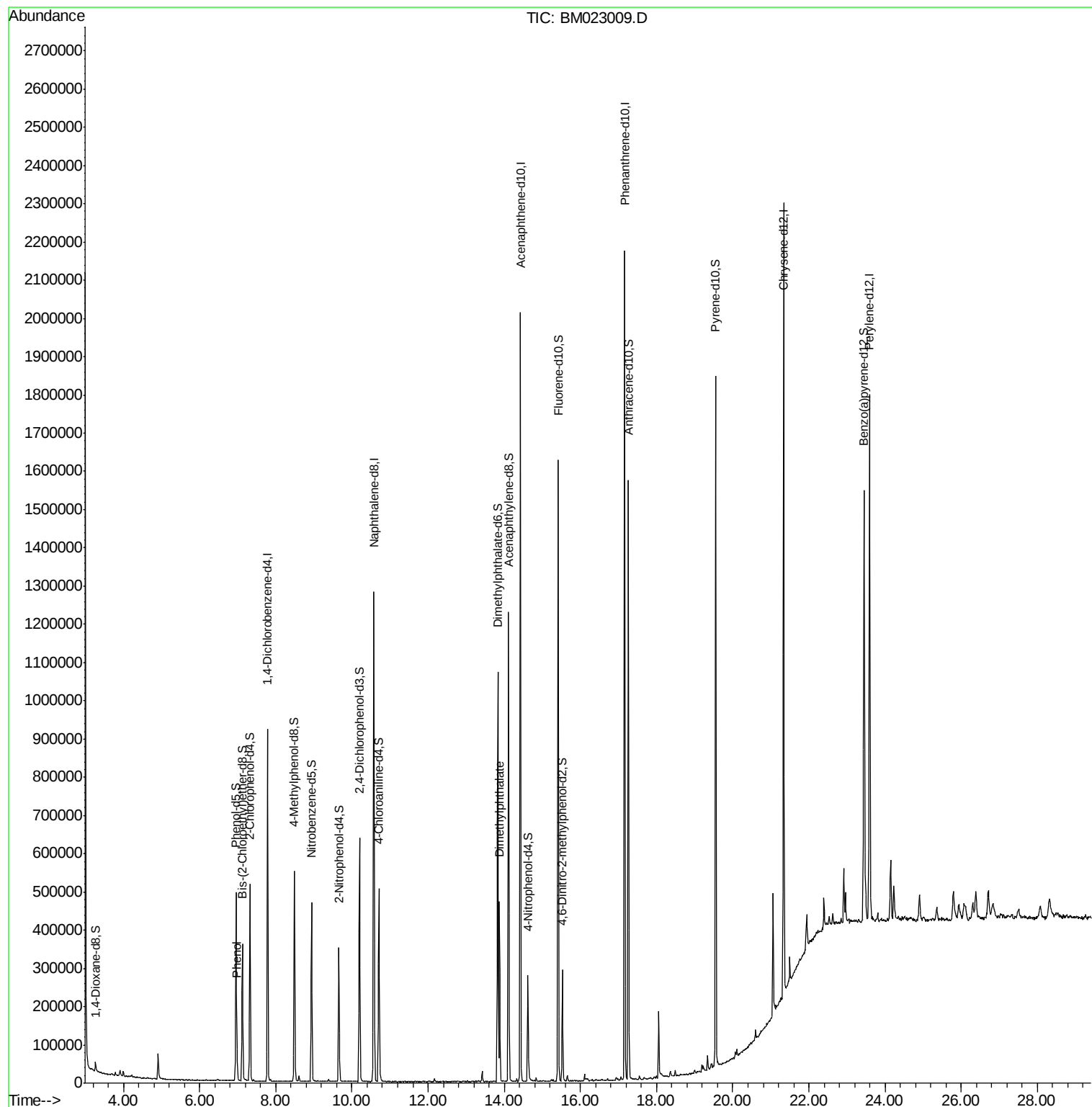
|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 6.98  | 94  | 46547  | 2.037  | ng/ul 96  |
| 45) Dimethylphthalate | 13.88 | 163 | 312714 | 5.919  | ng/ul 100 |

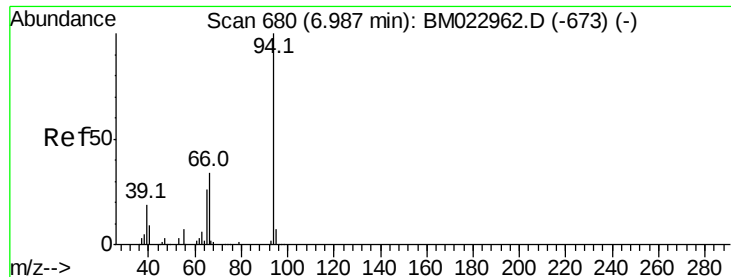
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.037 ng/ul

RT: 6.98 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM023009.D

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Instrument :

BNA\_M

ClientSampleId :

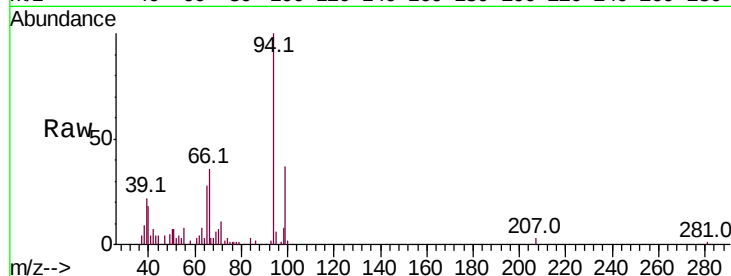
Tot Ion: 94 Resp: 46547

Ion Ratio Lower Upper

94 100

65 28.1 20.9 31.3

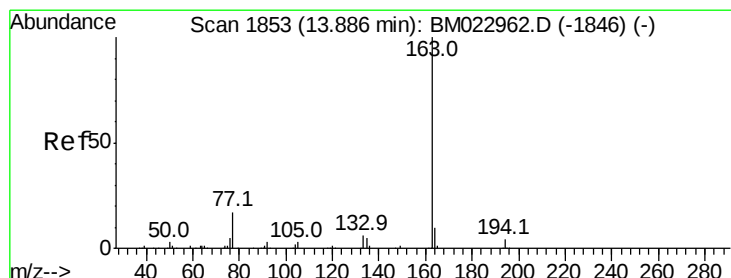
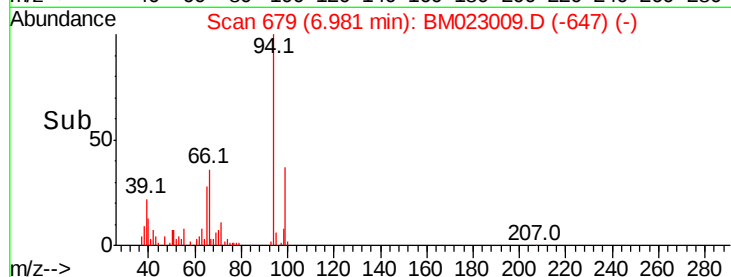
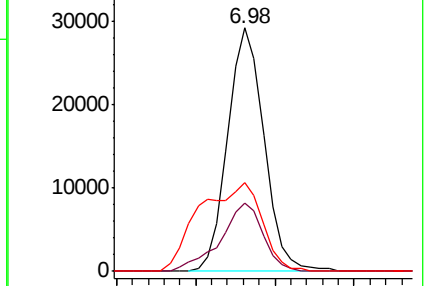
66 36.5 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022962.D (-673) (-)

Ion 65.00 (64.70 to 65.70): BM022962.D (-673) (-)

Ion 66.00 (65.70 to 66.70): BM022962.D (-673) (-)



#45

Dimethylphthalate

Concen: 5.919 ng/ul

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM023009.D

Acq: 06 Oct 2019 02:53

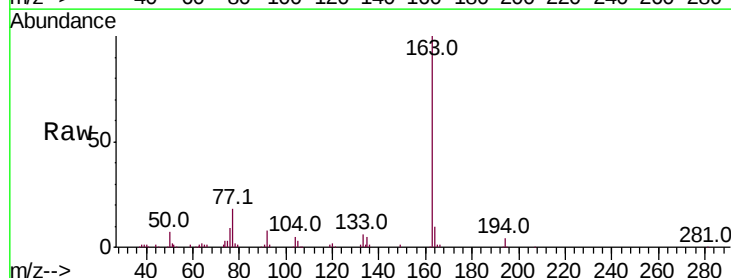
Tgt Ion: 163 Resp: 312714

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): BM022962.D (-1846) (-)

Ion 194.00 (193.70 to 194.70): BM022962.D (-1846) (-)

Ion 164.00 (163.70 to 164.70): BM022962.D (-1846) (-)

