

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110419\  
 Data File : BM023579.D  
 Acq On : 04 Nov 2019 14:01  
 Operator : JU  
 Sample : K5434-12RX  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 04 14:51:27 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 04 01:07:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 306474   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.38 | 136  | 1200406  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.25 | 164  | 686759   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.00 | 188  | 1455745  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.20 | 240  | 1519480  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.39 | 264  | 1879216  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 20942   | 3.25  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.79  | 99  | 397629  | 15.45 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 271610  | 18.00 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.14  | 132 | 336366  | 16.72 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 313106  | 14.98 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 166064  | 18.38 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.47  | 143 | 159194  | 15.88 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165 | 294091  | 14.92 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 376285  | 16.61 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.67 | 166 | 971946  | 18.64 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.94 | 160 | 1128265 | 18.89 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 37389   | 4.14  | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.25 | 176 | 824888  | 18.68 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 38293   | 4.23  | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.10 | 188 | 1365619 | 19.85 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.40 | 212 | 1617777 | 19.36 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.24 | 264 | 2044205 | 21.35 | ng/ul | -0.01 |

## Target Compounds

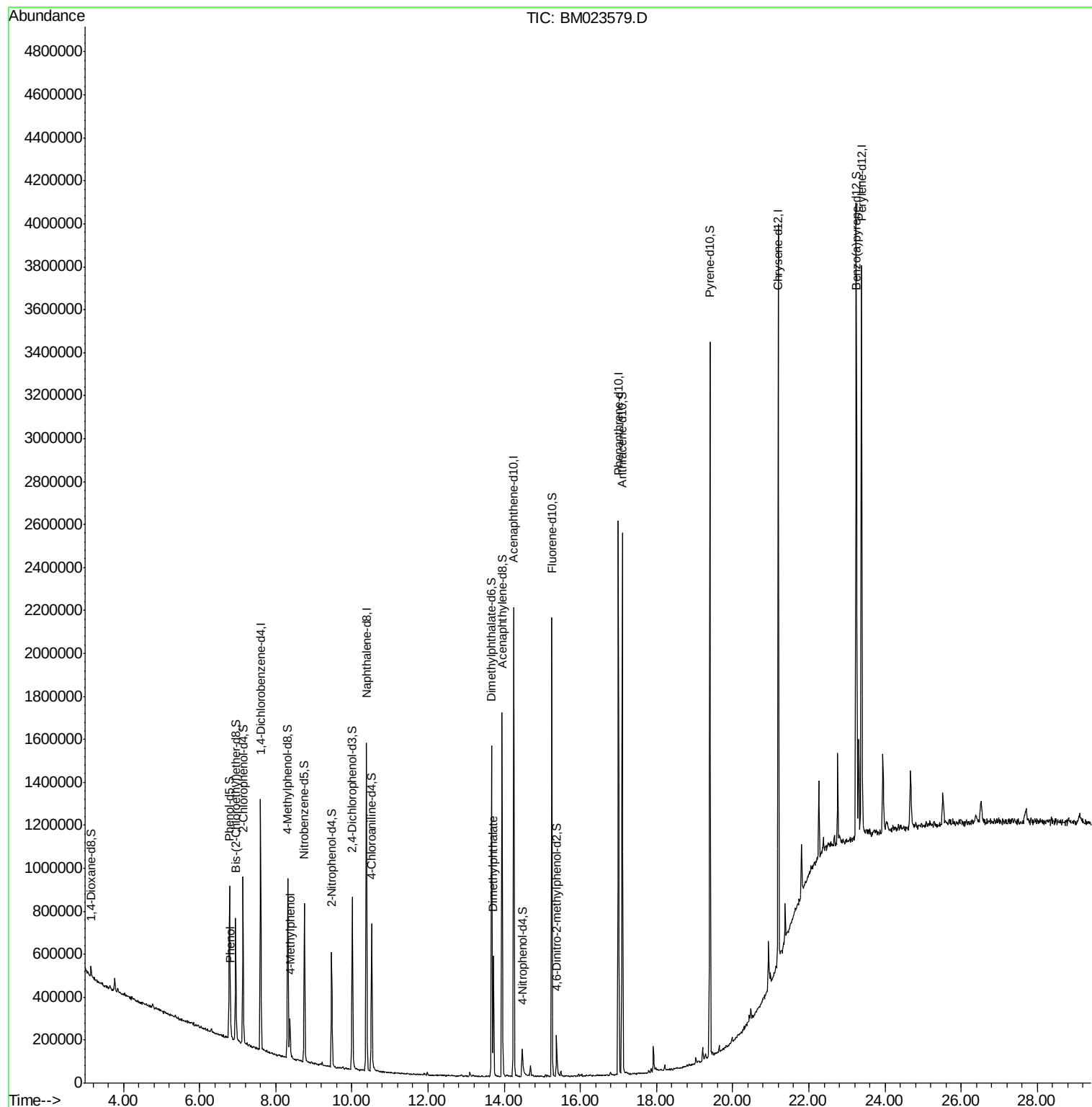
|                       |       |     |        |             | Ovalue |
|-----------------------|-------|-----|--------|-------------|--------|
| 6) Phenol             | 6.82  | 94  | 47188  | 1.780 ng/ul | 97     |
| 16) 4-Methylphenol    | 8.37  | 108 | 62501  | 2.813 ng/ul | 82     |
| 45) Dimethylphthalate | 13.72 | 163 | 346242 | 6.612 ng/ul | 100    |

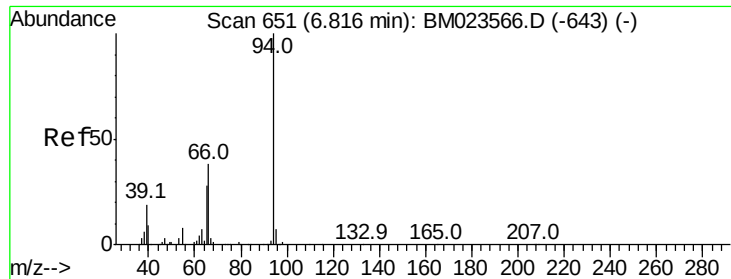
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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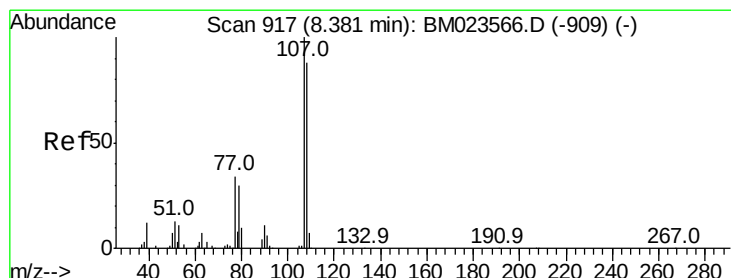
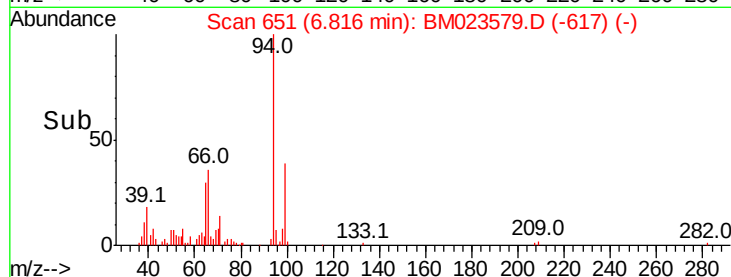
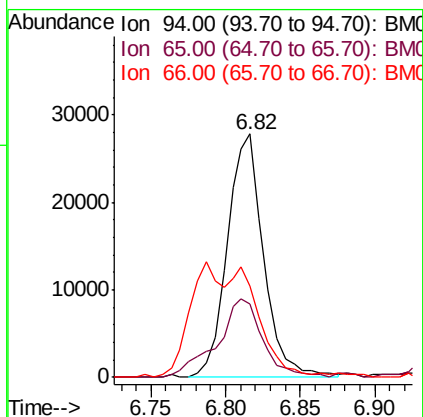
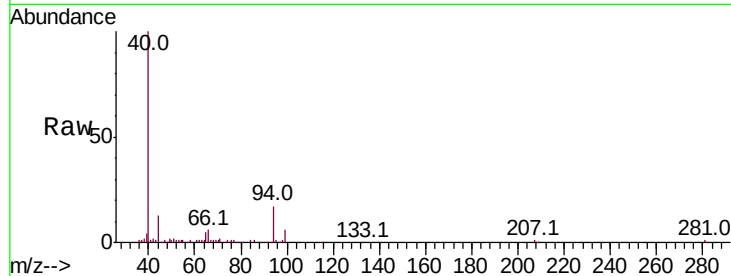
#6

Phenol

Concen: 1.780 ng/ul  
 RT: 6.82 min Scan# 651  
 Delta R.T. 0.00 min  
 Lab File: BM023579.D  
 Acq: 04 Nov 2019 14:01

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.4  | 22.9  | 34.3  |
| 66      | 37.7  | 31.4  | 47.2  |

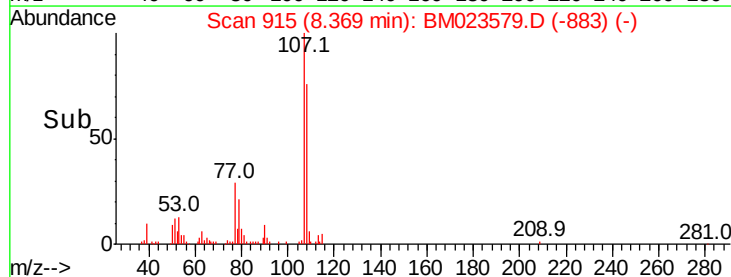
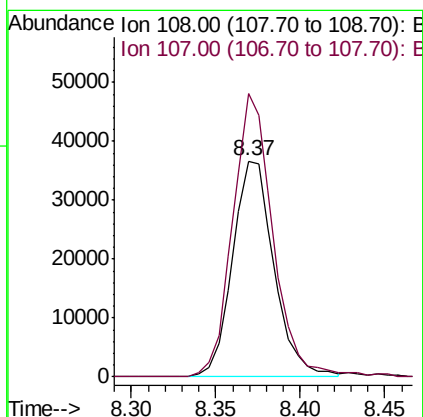
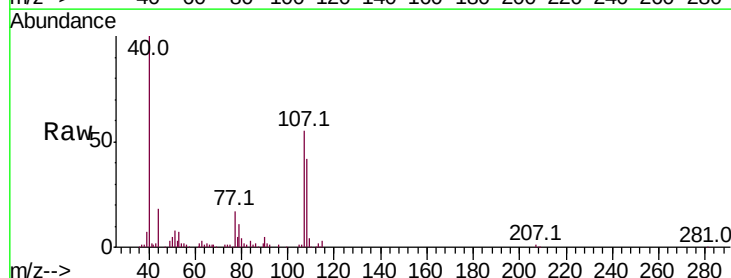


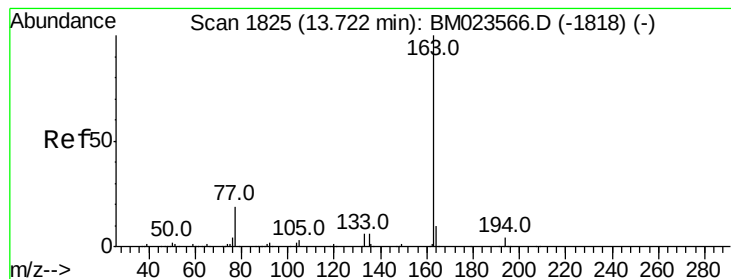
#16

4-Methylphenol

Concen: 2.813 ng/ul  
 RT: 8.37 min Scan# 915  
 Delta R.T. -0.01 min  
 Lab File: BM023579.D  
 Acq: 04 Nov 2019 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 131.1 | 89.7  | 134.5 |





#45

Dimethylphthalate

Concen: 6.612 ng/ul

RT: 13.72 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BM023579.D

Acq: 04 Nov 2019 14:01

Instrument :

BNA\_M

ClientSampleId :

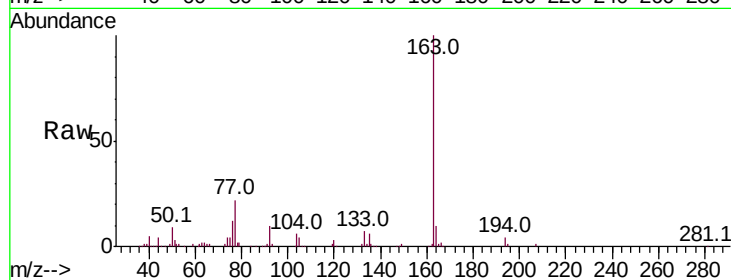
Tot Ion:163 Resp: 346242

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 9.8 7.9 11.9



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

