

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP101219\  
 Data File : BP000664.D  
 Acq On : 12 Oct 2019 13:55  
 Operator : JU  
 Sample : K5199-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Oct 12 21:46:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 09 17:20:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 161797   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.03  | 136  | 632762   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.80  | 164  | 357346   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 11.29 | 188  | 656420   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 13.97 | 240  | 556420   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 15.45 | 264  | 611761   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 2.36  | 96  | 24543   | 6.29  | ng/uL | -0.01 |
| 5) Phenol-d5                   | 6.38  | 99  | 413002  | 33.09 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.43  | 67  | 224554  | 35.99 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 6.52  | 132 | 357187  | 33.97 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 7.13  | 113 | 292779  | 30.71 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 7.30  | 128 | 169644  | 35.27 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 7.63  | 143 | 183339  | 35.79 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 7.88  | 165 | 322461  | 32.89 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 8.09  | 131 | 396866  | 36.40 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 9.49  | 166 | 920007  | 36.78 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 9.64  | 160 | 1103343 | 35.86 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 9.91  | 143 | 100935  | 26.20 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 10.32 | 176 | 780461  | 36.46 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200 | 81354   | 26.03 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 11.35 | 188 | 1118272 | 36.78 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 12.73 | 212 | 1177149 | 37.41 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 15.35 | 264 | 1119475 | 37.07 | ng/ul | 0.00  |

## Target Compounds

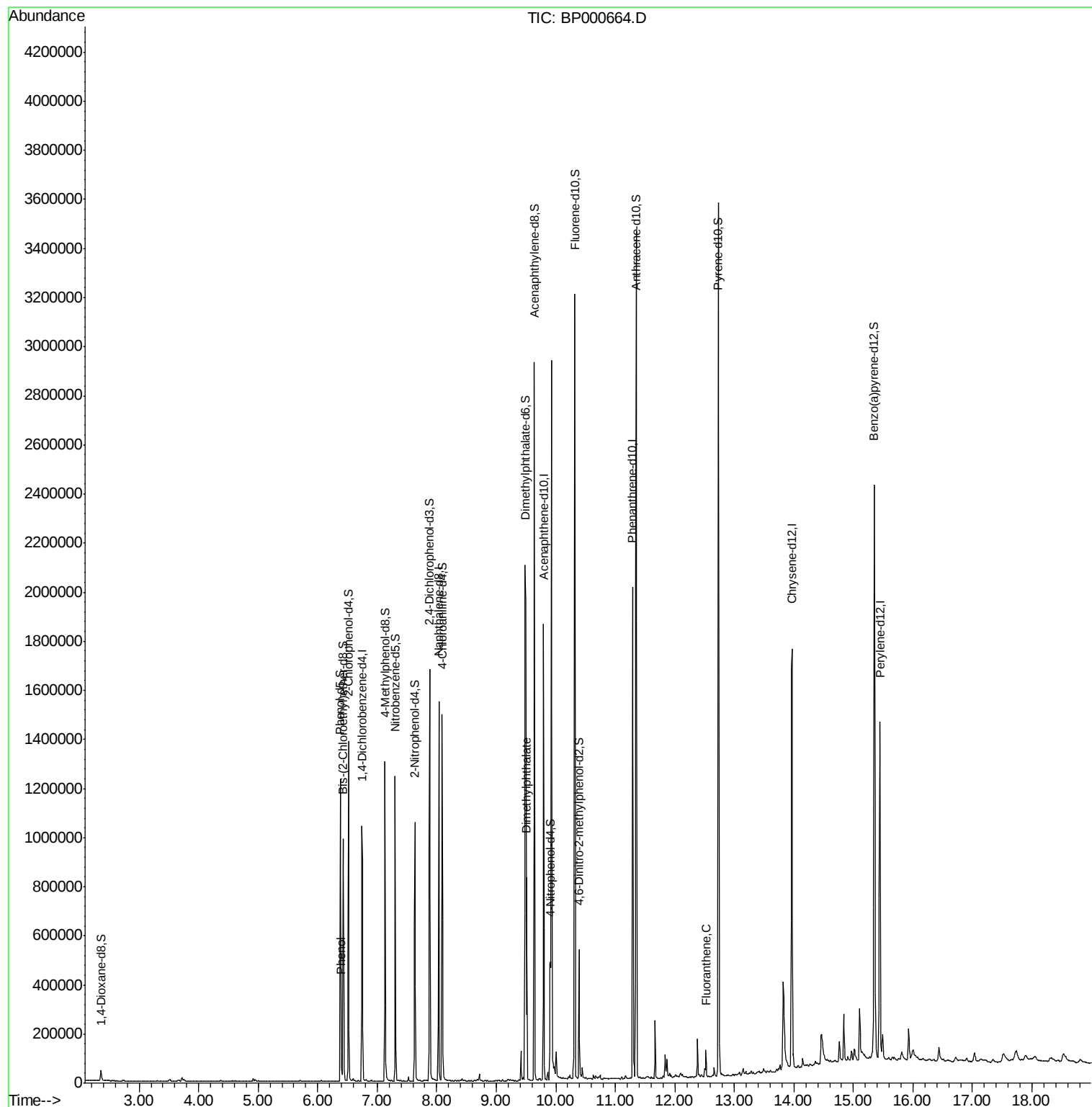
|                       |       |     |        |              | Ovalue |
|-----------------------|-------|-----|--------|--------------|--------|
| 6) Phenol             | 6.40  | 94  | 28889  | 2.296 ng/ul  | 98     |
| 45) Dimethylphthalate | 9.51  | 163 | 295440 | 11.853 ng/ul | 99     |
| 77) Fluoranthene      | 12.52 | 202 | 40575  | 1.107 ng/ul  | 98     |

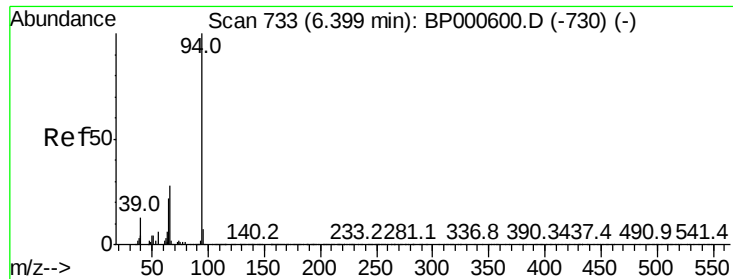
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.296 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000664.D

Acq: 12 Oct 2019 13:55

Instrument :

BNA\_P

ClientSampleId :

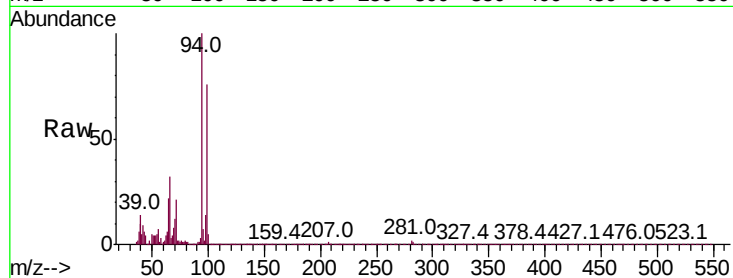
Tot Ion: 94 Resp: 28889

Ion Ratio Lower Upper

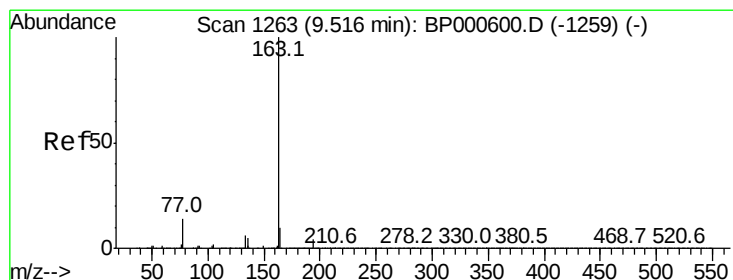
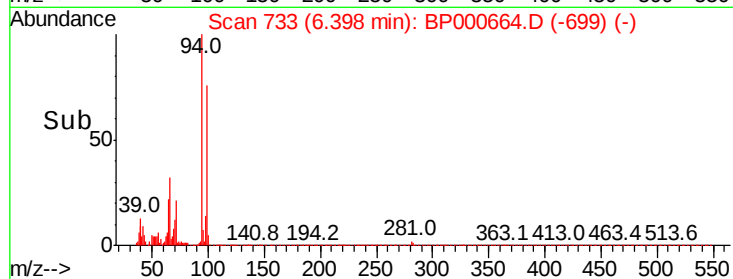
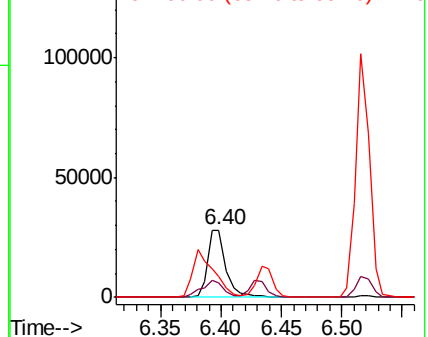
94 100

65 22.1 19.2 28.8

66 32.0 25.7 38.5



Abundance Ion 94.00 (93.70 to 94.70): BP0  
Ion 65.00 (64.70 to 65.70): BP0  
Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 11.853 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000664.D

Acq: 12 Oct 2019 13:55

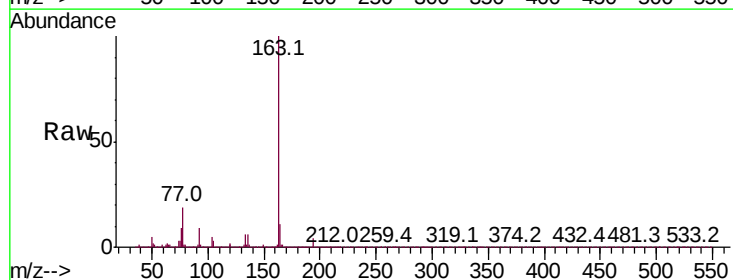
Tgt Ion: 163 Resp: 295440

Ion Ratio Lower Upper

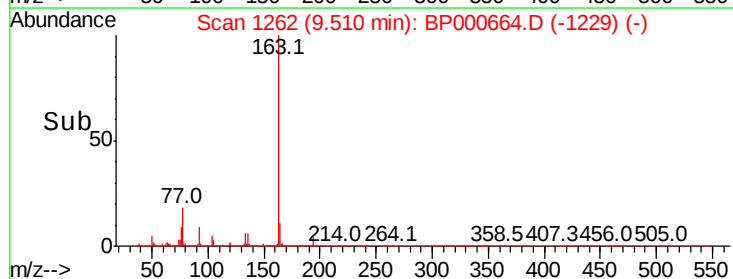
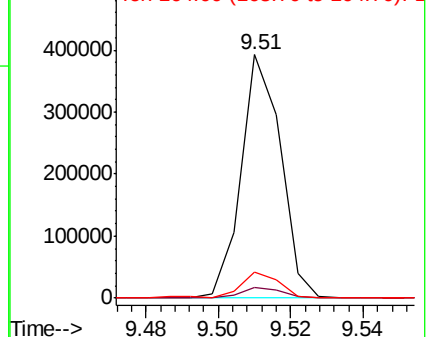
163 100

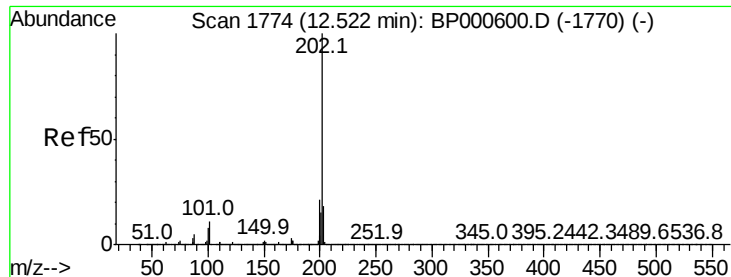
194 4.1 3.3 4.9

164 10.5 8.1 12.1



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

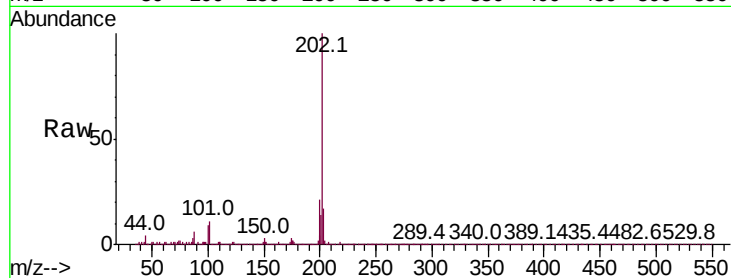




#77  
 Fluoranthene  
 Concen: 1.107 ng/ul  
 RT: 12.52 min Scan# 1774  
 Delta R.T. -0.00 min  
 Lab File: BP000664.D  
 Acq: 12 Oct 2019 13:55

Instrument :  
 BNA\_P  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 202   | Resp: | 40575 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 10.9  | 9.8   | 14.6  |
| 100      | 8.6   | 7.2   | 10.8  |



Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): BF

