

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\  
 Data File : BM022374.D  
 Acq On : 27 Aug 2019 19:36  
 Operator : HP/JU  
 Sample : K4369-01DLRE 2X  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 28 02:29:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM082219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 27 17:04:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.54  | 152  | 25379    | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.31 | 136  | 116915   | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 14.20 | 164  | 82901    | 20.00 | ng/ul | -0.01    |
| 61) Phenanthrene-d10      | 17.06 | 188  | 183567   | 20.00 | ng/ul | 0.09     |
| 77) Chrysene-d12          | 21.17 | 240  | 162092   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.37 | 264  | 163601   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0      | 0.00  | ng/uL |       |
| 5) Phenol-d5                   | 6.76  | 99  | 7906   | 3.61  | ng/ul | 0.01  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 20720  | 16.26 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.08  | 132 | 25029  | 14.15 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 16014  | 8.44  | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 15703  | 18.01 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.42  | 143 | 18368  | 18.10 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 33755  | 16.34 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 2602   | 1.04  | ng/ul | 0.01  |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 134197 | 18.38 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 140697 | 17.89 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 897    | 0.83  | ng/ul | 0.08  |
| 57) Fluorene-d10               | 15.20 | 176 | 111928 | 18.49 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 15126  | 10.68 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.06 | 188 | 184627 | 18.99 | ng/ul | -0.01 |
| 78) Pyrene-d10                 | 19.37 | 212 | 226150 | 26.85 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.23 | 264 | 176424 | 19.63 | ng/ul | 0.00  |

## Target Compounds

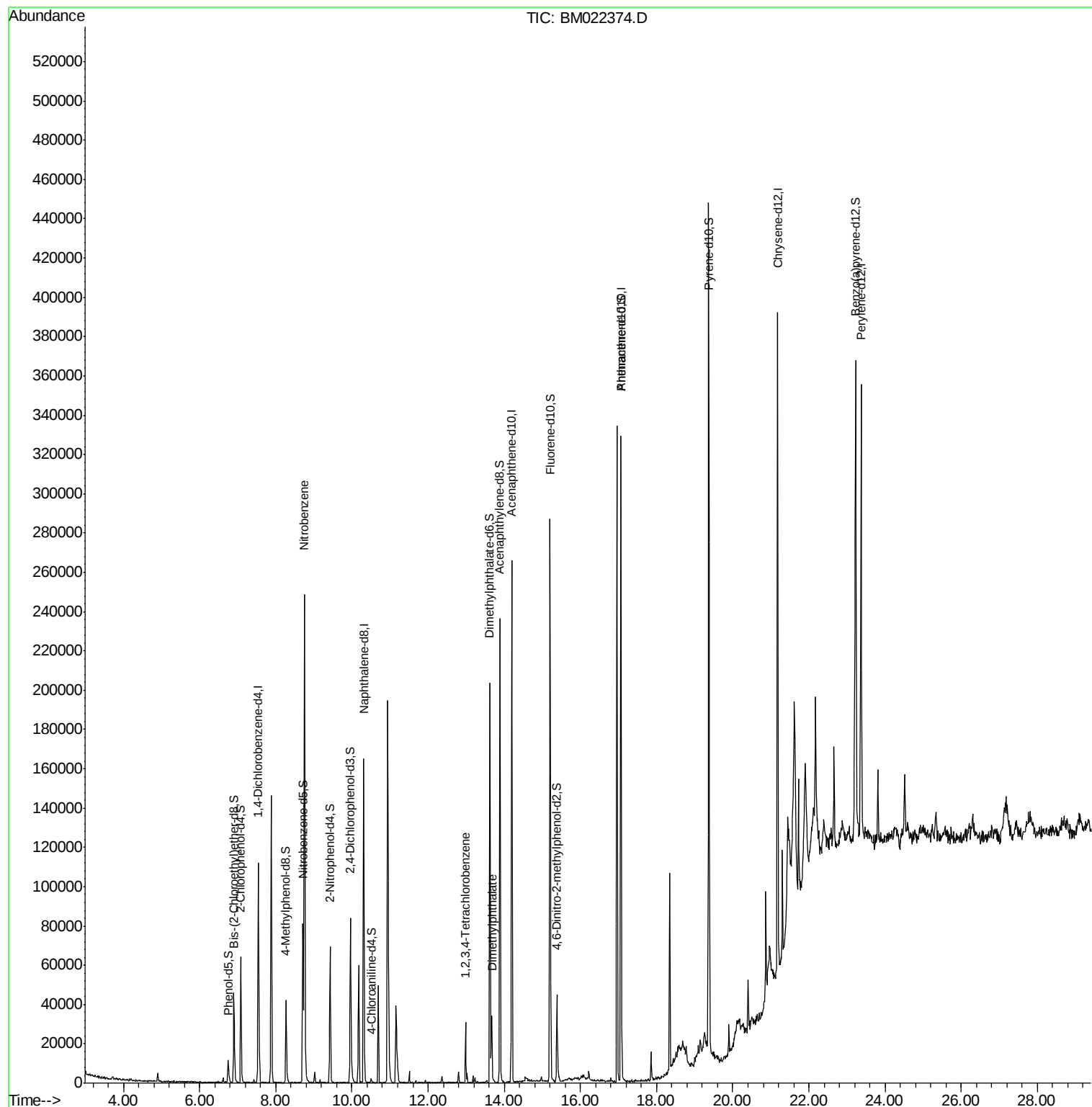
|                                |       |     |        | Ovalue |           |
|--------------------------------|-------|-----|--------|--------|-----------|
| 20) Nitrobenzene               | 8.75  | 77  | 129499 | 50.445 | ng/ul 98  |
| 44) Dimethylphthalate          | 13.67 | 163 | 21818  | 2.937  | ng/ul# 97 |
| 72) 1,2,3,4-Tetrachlorobenzene | 12.99 | 216 | 11305  | 3.462  | ng/uL 96  |

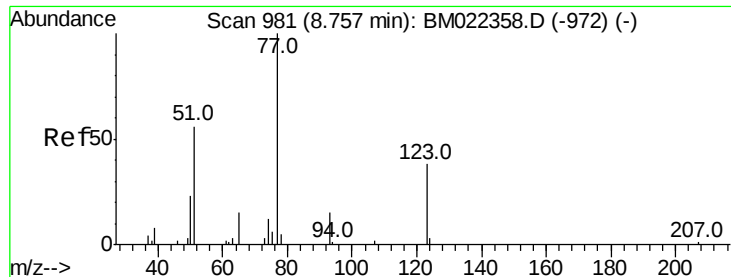
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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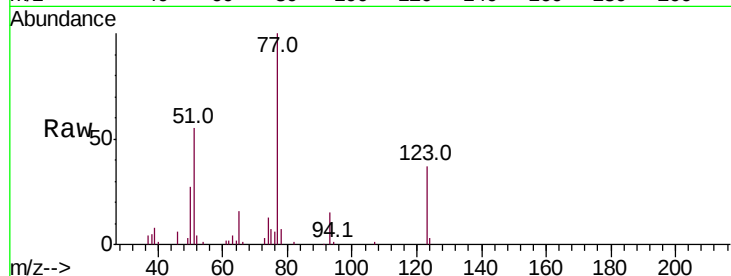




#20  
Nitrobenzene  
Concen: 50.445 ng/ul  
RT: 8.75 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BM022374.D  
Acq: 27 Aug 2019 19:36

Instrument :  
BNA\_M  
ClientSampleId :

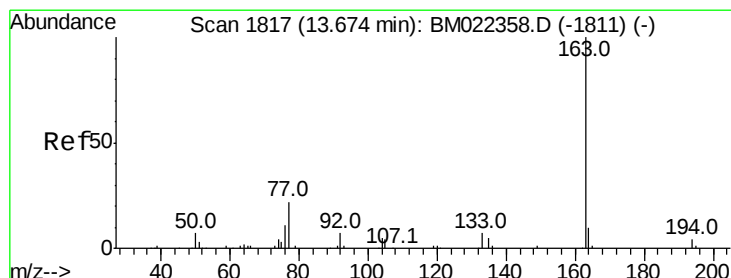
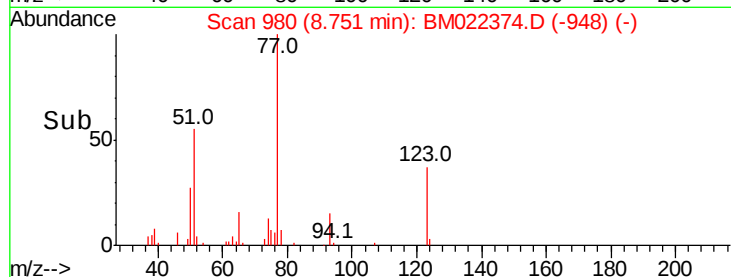
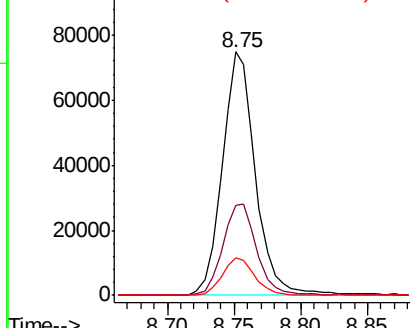
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.1  | 31.0  | 46.4  |
| 65      | 15.7  | 12.2  | 18.2  |



Abundance Ion 77.00 (76.70 to 77.70): BM022358.D (-972) (-)

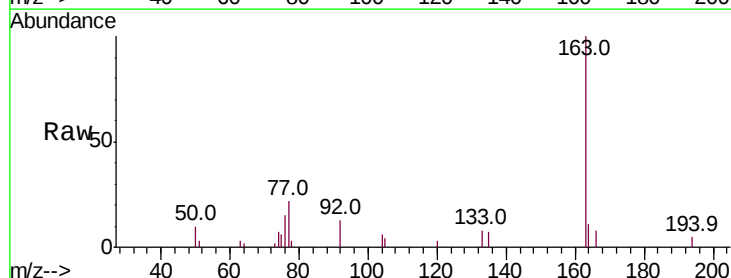
Ion 123.00 (122.70 to 123.70): BM022358.D (-972) (-)

Ion 65.00 (64.70 to 65.70): BM022358.D (-972) (-)



#44  
Dimethylphthalate  
Concen: 2.937 ng/ul  
RT: 13.67 min Scan# 1817  
Delta R.T. -0.01 min  
Lab File: BM022374.D  
Acq: 27 Aug 2019 19:36

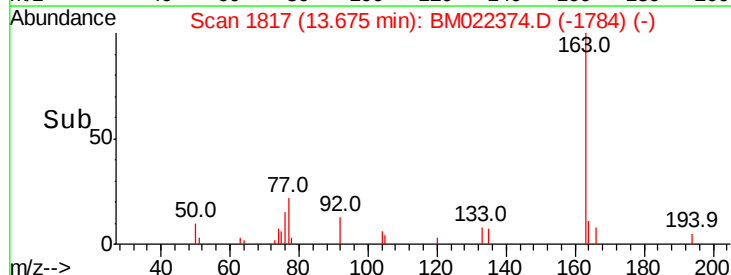
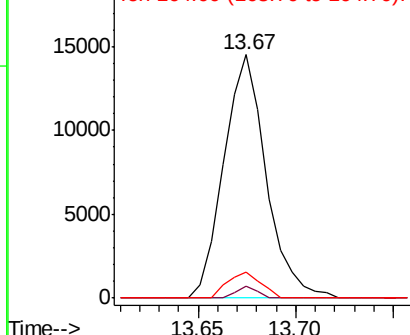
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.8   | 3.0   | 4.6#  |
| 164     | 10.8  | 7.8   | 11.8  |

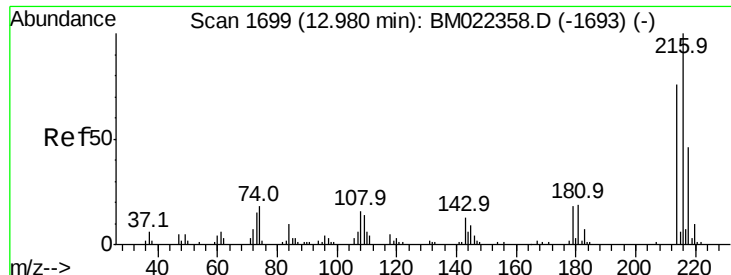


Abundance Ion 163.00 (162.70 to 163.70): BM022358.D (-1811) (-)

Ion 194.00 (193.70 to 194.70): BM022358.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM022358.D (-1811) (-)

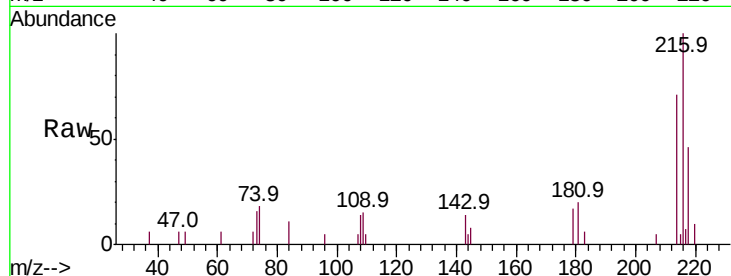




#72  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 3.462 ng/uL  
 RT: 12.99 min Scan# 1700  
 Delta R.T. -0.01 min  
 Lab File: BM022374.D  
 Acq: 27 Aug 2019 19:36

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 71.5  | 61.5  | 92.3  |
| 218     | 46.4  | 37.1  | 55.7  |



Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 218.00 (217.70 to 218.70): E

