

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020218\  
 Data File : BM014130.D  
 Acq On : 03 Feb 2018 01:08  
 Operator : SJ/JU  
 Sample : J1339-08  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 03 03:26:35 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 03 03:23:10 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 115200   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 485731   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 305446   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 733311   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.17 | 240  | 822611   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.34 | 264  | 822922   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 13550   | 5.40  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.74  | 99  | 254680  | 29.41 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 164612  | 31.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 219812  | 32.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 230542  | 31.80 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 119157  | 33.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.42  | 143 | 132320  | 34.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 247948  | 30.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 280014  | 39.57 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 877990  | 34.64 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 1090838 | 35.47 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 82686   | 23.67 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.21 | 176 | 779269  | 34.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 115943  | 25.75 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.06 | 188 | 1251512 | 35.15 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.37 | 212 | 1433662 | 36.19 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.21 | 264 | 1456376 | 36.06 | ng/ul | 0.00 |

## Target Compounds

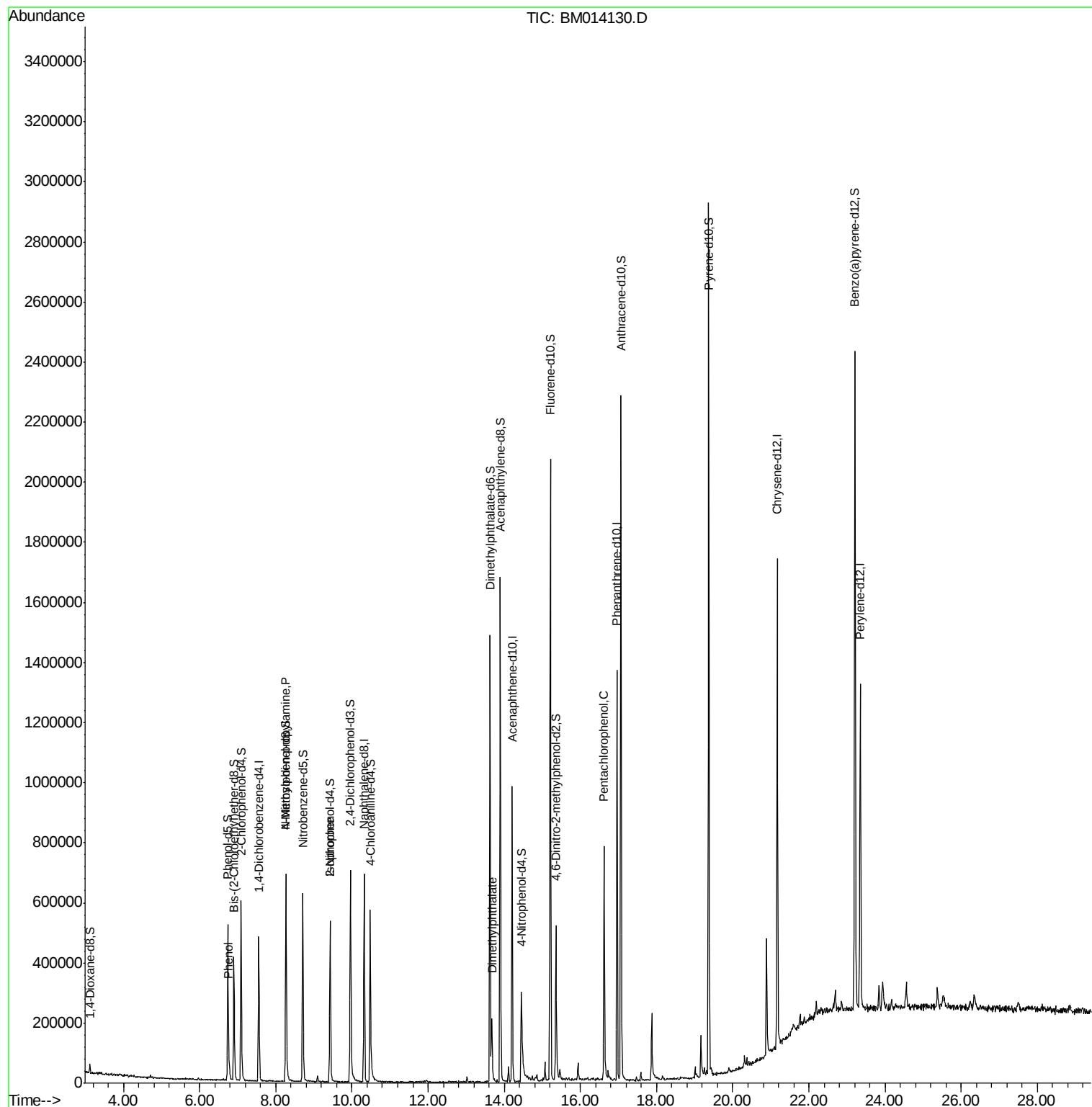
|                                |       |     |        |              | Ovalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 6) Phenol                      | 6.76  | 94  | 15922  | 1.838 ng/ul# | 67     |
| 15) N-Nitroso-di-n-propylamine | 8.27  | 70  | 7951   | 1.270 ng/ul# | 1      |
| 21) Isophorone                 | 9.43  | 82  | 18891  | 1.139 ng/ul# | 75     |
| 44) Dimethylphthalate          | 13.67 | 163 | 123920 | 5.071 ng/ul  | 99     |
| 68) Pentachlorophenol          | 16.62 | 266 | 130353 | 27.148 ng/ul | 94     |

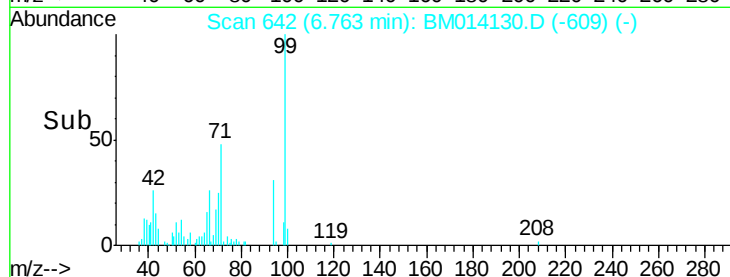
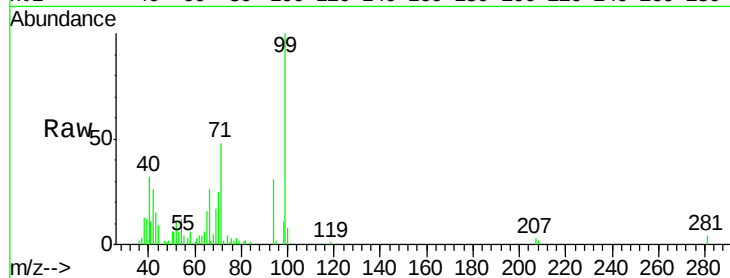
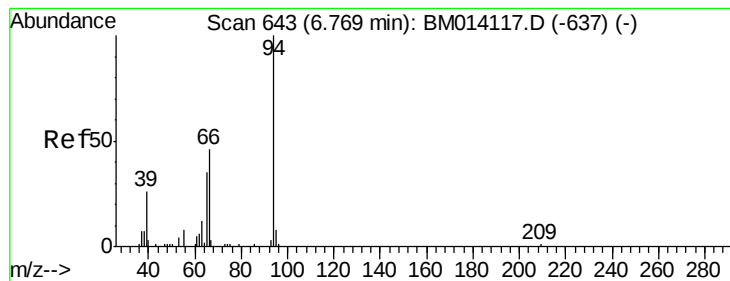
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.838 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM014130.D

Acq: 03 Feb 2018 01:08

Instrument :

BNA\_M

ClientSampleId :

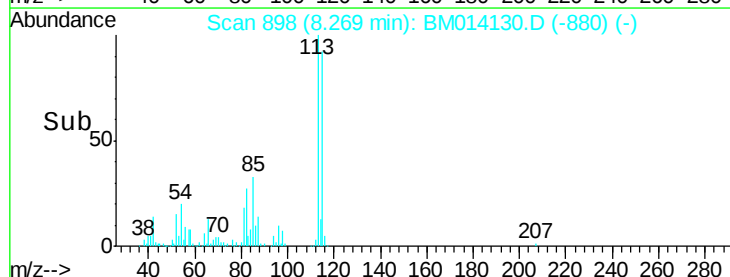
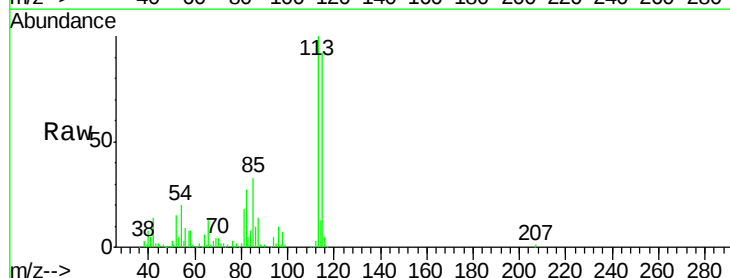
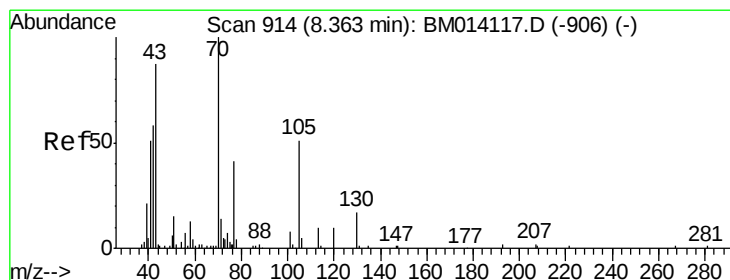
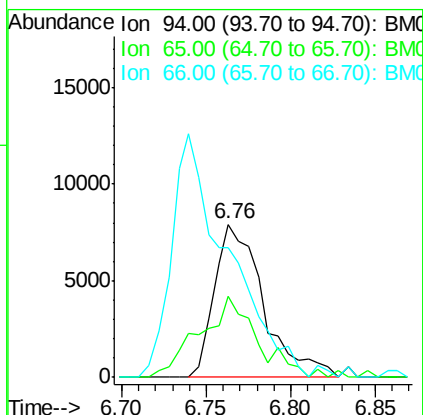
Tot Ion: 94 Resp: 15922

Ion Ratio Lower Upper

94 100

65 52.7 28.2 42.4#

66 84.9 47.2 70.8#



#15

N-Nitroso-di-n-propylamine

Concen: 1.270 ng/ul

RT: 8.27 min Scan# 898

Delta R.T. -0.09 min

Lab File: BM014130.D

Acq: 03 Feb 2018 01:08

Tgt Ion: 70 Resp: 7951

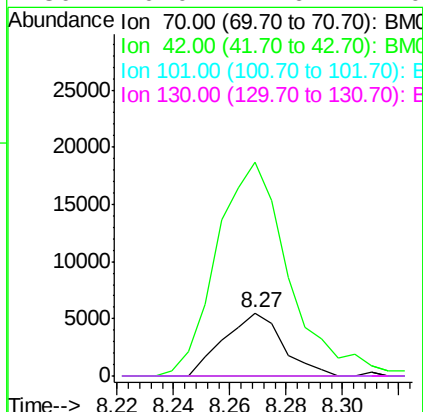
Ion Ratio Lower Upper

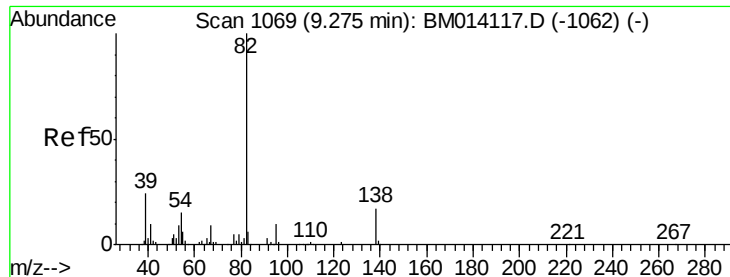
70 100

42 338.8 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#





#21

Isophorone

Concen: 1.139 ng/ul

RT: 9.43 min Scan# 1095

Delta R.T. 0.15 min

Lab File: BM014130.D

Acq: 03 Feb 2018 01:08

Instrument :

BNA\_M

ClientSampleId :

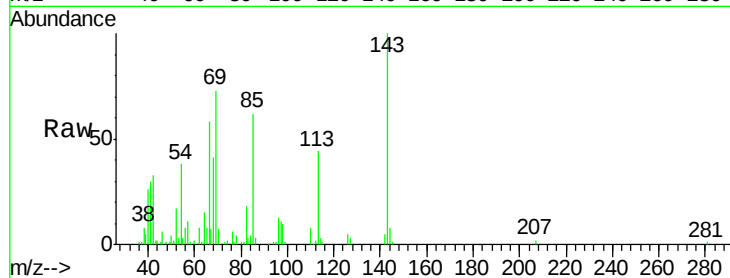
Tot Ion: 82 Resp: 18891

Ion Ratio Lower Upper

82 100

95 7.0 7.8 11.8#

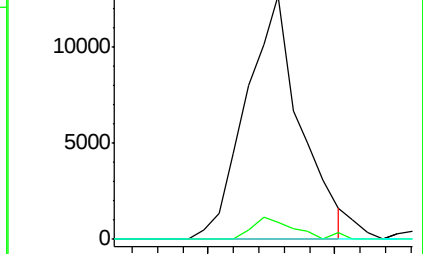
138 0.0 11.9 17.9#



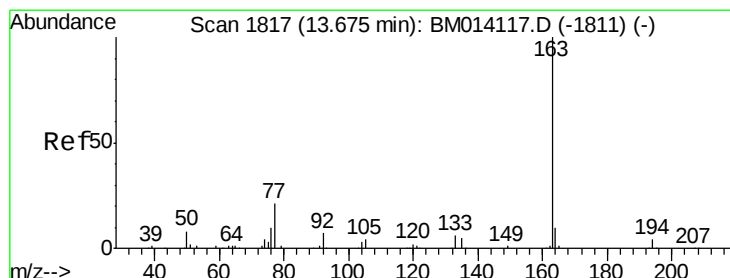
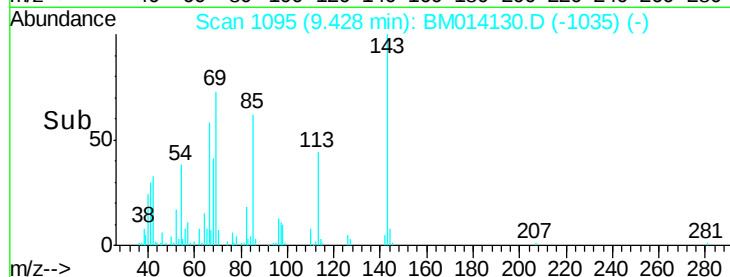
Abundance Ion 82.00 (81.70 to 82.70): BM014117.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM014117.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM014117.D (-1062) (-)



Time-->



#44

Dimethylphthalate

Concen: 5.071 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM014130.D

Acq: 03 Feb 2018 01:08

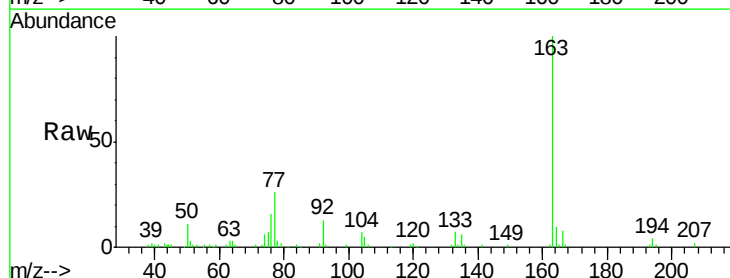
Tgt Ion: 163 Resp: 123920

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

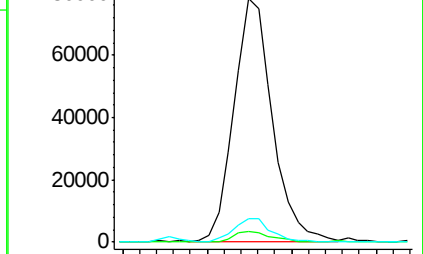
164 9.7 8.2 12.4



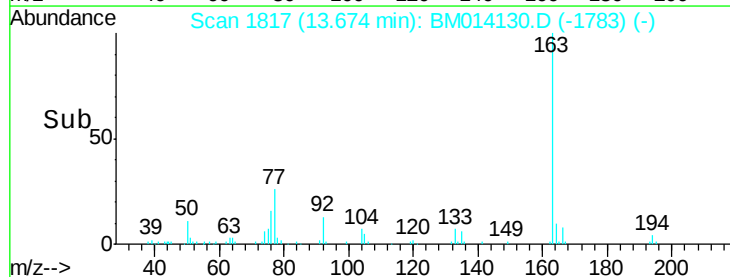
Abundance Ion 163.00 (162.70 to 163.70): BM014117.D (-1811) (-)

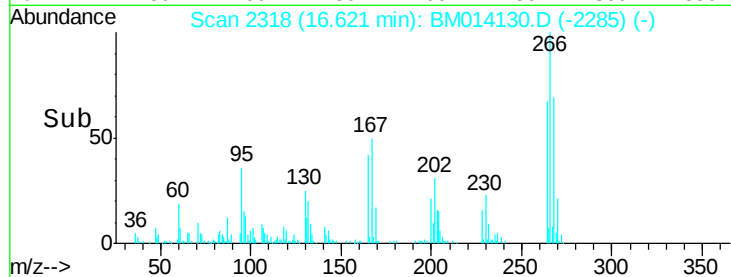
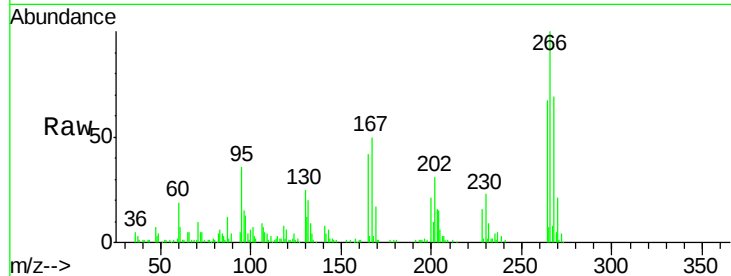
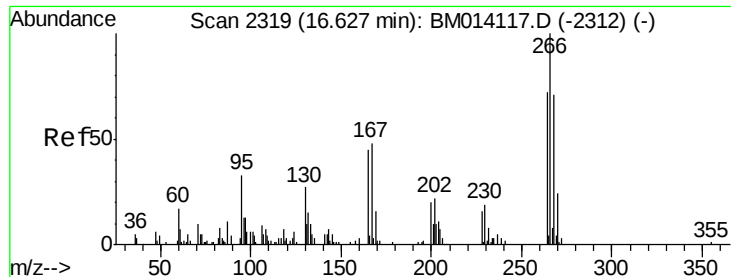
Ion 194.00 (193.70 to 194.70): BM014117.D (-1811) (-)

Ion 164.00 (163.70 to 164.70): BM014117.D (-1811) (-)



Time-->





#68  
 Pentachlorophenol  
 Concen: 27.148 ng/ul  
 RT: 16.62 min Scan# 2318  
 Delta R.T. -0.01 min  
 Lab File: BM014130.D  
 Acq: 03 Feb 2018 01:08

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 66.9  | 49.3  | 73.9  |
| 268     | 69.4  | 52.6  | 78.8  |

