

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\  
 Data File : BM013855.D  
 Acq On : 26 Jan 2018 21:52  
 Operator : SJ/JU  
 Sample : J1245-14  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 26 23:53:58 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 26 23:46:01 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 104191   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 388489   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.24 | 164  | 222091   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 524305   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.19 | 240  | 620940   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.38 | 264  | 632796   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.15  | 96  | 16601   | 6.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 311113  | 38.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 191319  | 39.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 264491  | 40.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 255117  | 41.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 133059  | 44.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 138047  | 43.34 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 257935  | 41.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.51 | 131 | 306313  | 57.37 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 780520  | 42.64 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.93 | 160 | 991162  | 42.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 83339   | 28.02 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.24 | 176 | 683049  | 42.43 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 99822   | 31.63 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 1089380 | 42.66 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.39 | 212 | 1250332 | 43.25 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.24 | 264 | 1368836 | 47.06 | ng/ul | 0.00 |

## Target Compounds

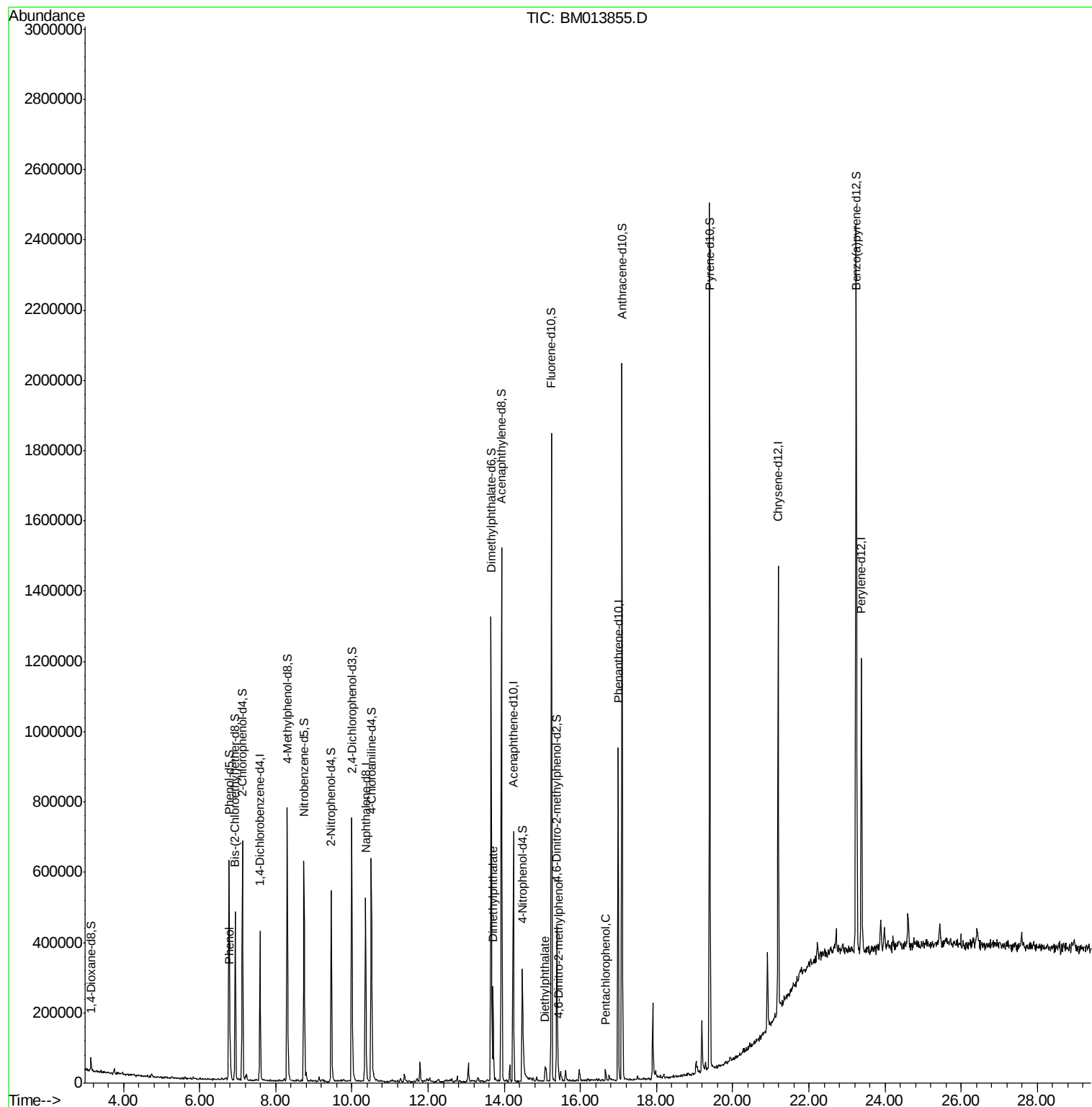
|                                |       |     |        |              | Ovalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 6) Phenol                      | 6.80  | 94  | 42008  | 5.236 ng/ul  | 91     |
| 44) Dimethylphthalate          | 13.70 | 163 | 151058 | 8.393 ng/ul  | 99     |
| 56) Diethylphthalate           | 15.07 | 149 | 20178  | 1.114 ng/ul  | 99     |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 198 | 6141   | 1.844 ng/ul# | 74     |
| 68) Pentachlorophenol          | 16.66 | 266 | 6298   | 1.778 ng/ul  | 87     |

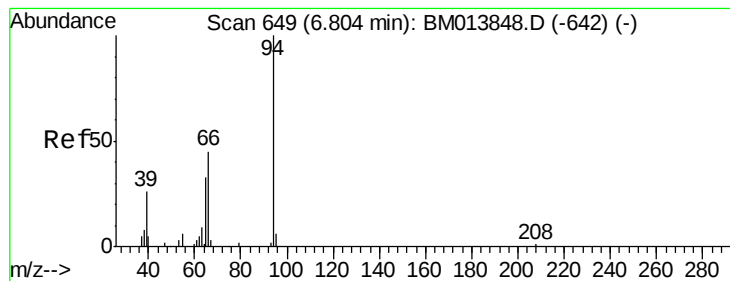
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.236 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM013855.D

Acq: 26 Jan 2018 21:52

Instrument :

BNA\_M

ClientSampleId :

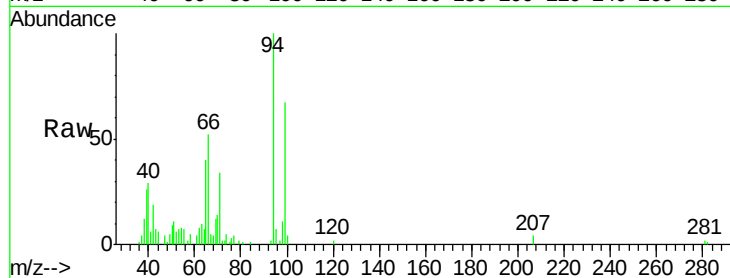
Tot Ion: 94 Resp: 42008

Ion Ratio Lower Upper

94 100

65 40.2 28.2 42.4

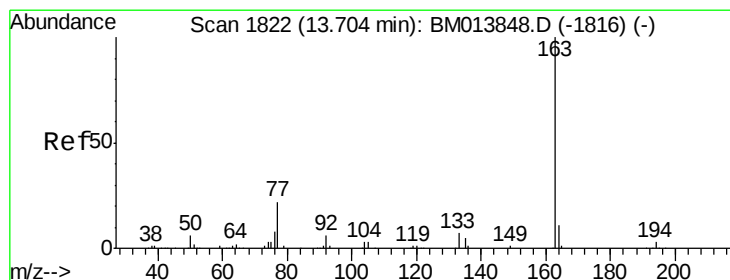
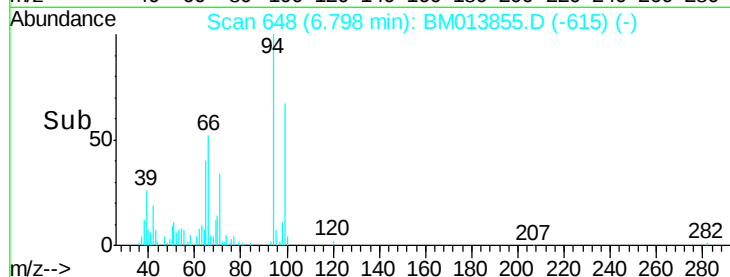
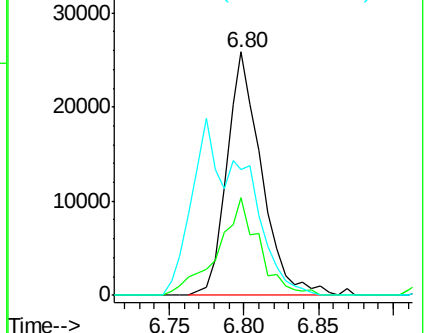
66 51.9 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013848.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM013848.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM013848.D (-642) (-)



#44

Dimethylphthalate

Concen: 8.393 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM013855.D

Acq: 26 Jan 2018 21:52

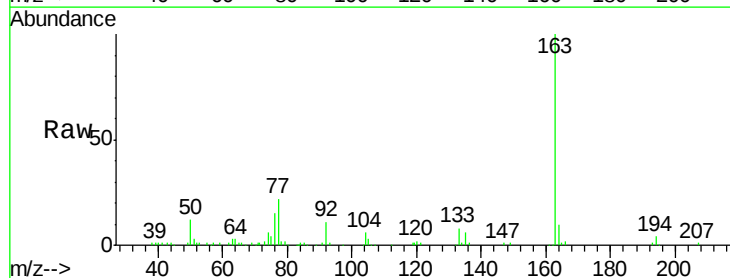
Tgt Ion:163 Resp: 151058

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

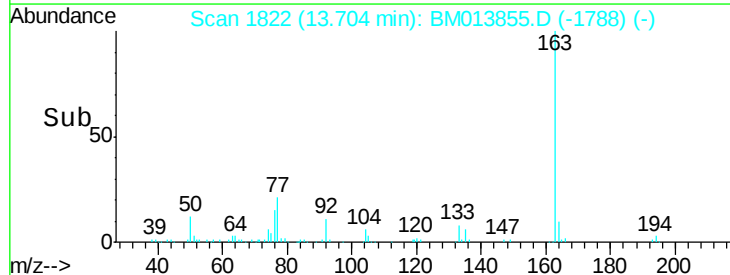
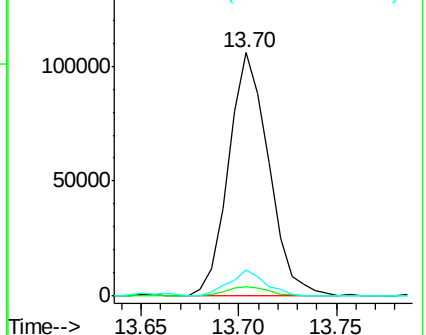
164 10.4 8.2 12.4

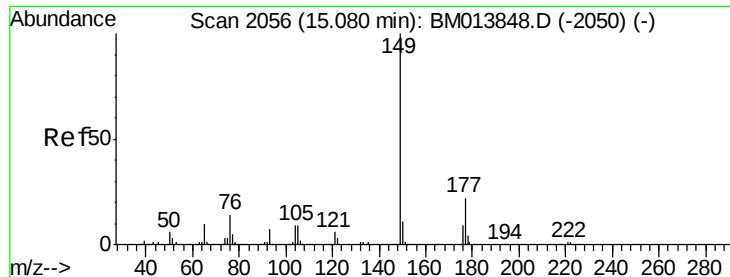


Abundance Ion 163.00 (162.70 to 163.70): BM013848.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM013848.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM013848.D (-1816) (-)

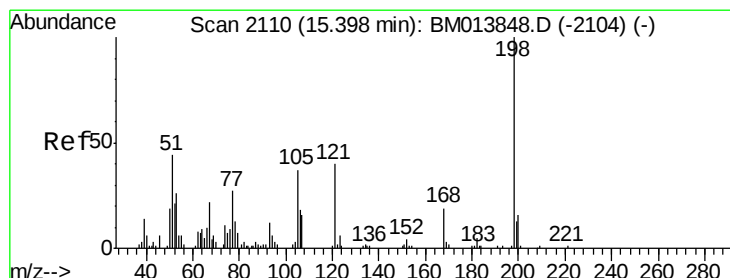
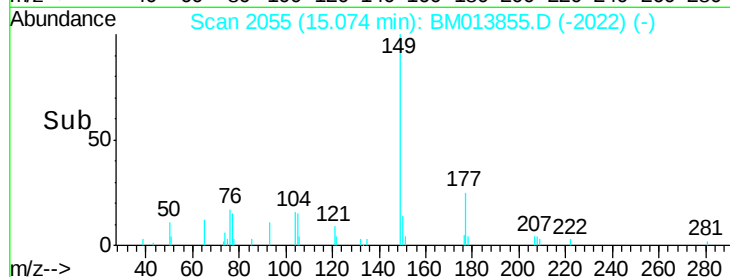
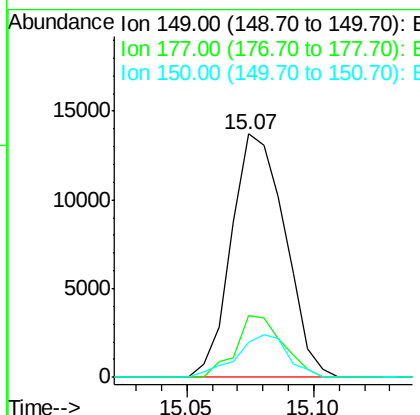
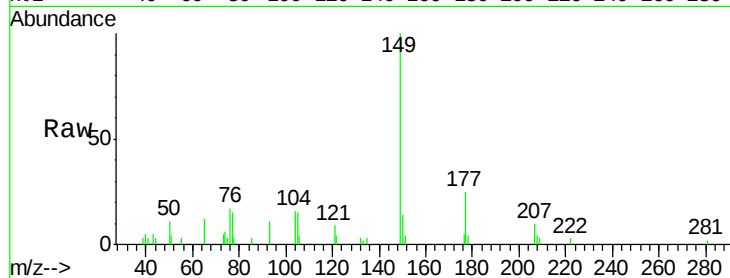




#56  
Diethylphthalate  
Concen: 1.114 ng/ul  
RT: 15.07 min Scan# 2055  
Delta R.T. -0.01 min  
Lab File: BM013855.D  
Acq: 26 Jan 2018 21:52

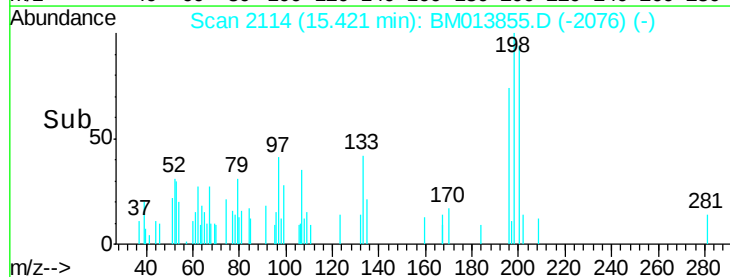
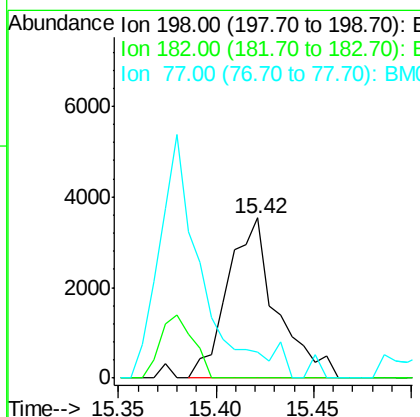
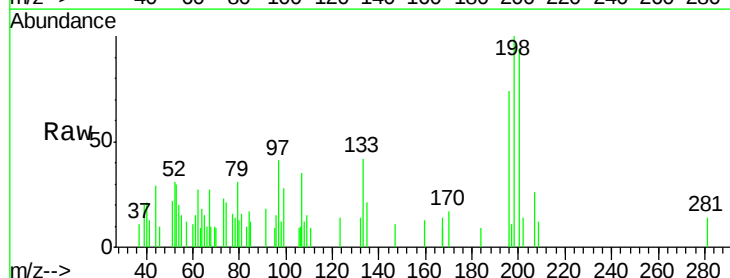
Instrument :  
BNA\_M  
ClientSampleId :

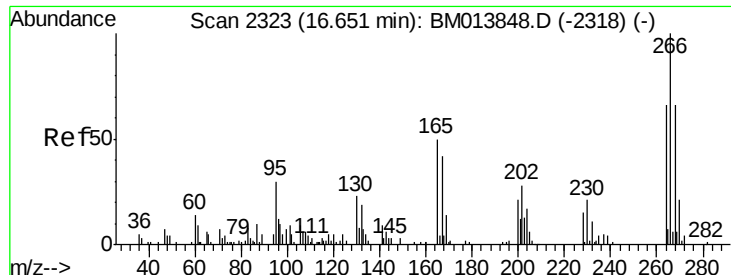
Tot Ion:149 Resp: 20178  
Ion Ratio Lower Upper  
149 100  
177 25.4 20.5 30.7  
150 14.3 10.6 15.8



#63  
4,6-Dinitro-2-methylphenol  
Concen: 1.844 ng/ul  
RT: 15.42 min Scan# 2114  
Delta R.T. 0.02 min  
Lab File: BM013855.D  
Acq: 26 Jan 2018 21:52

Tgt Ion:198 Resp: 6141  
Ion Ratio Lower Upper  
198 100  
182 0.0 3.8 5.6#  
77 16.0 25.2 37.8#

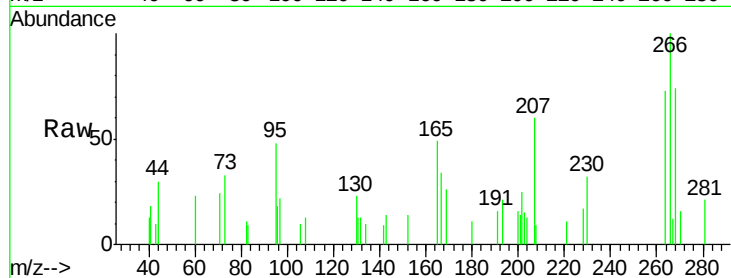




#68  
 Pentachlorophenol  
 Concen: 1.778 ng/ul  
 RT: 16.66 min Scan# 2325  
 Delta R.T. 0.01 min  
 Lab File: BM013855.D  
 Acq: 26 Jan 2018 21:52

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 72.6  | 49.3  | 73.9  |
| 268     | 74.2  | 52.6  | 78.8  |



Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

