

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\  
 Data File : BM000330.D  
 Acq On : 24 Jan 2015 12:41  
 Operator : TP/IZ  
 Sample : G1134-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 26 11:49:12 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jan 24 04:15:00 2015  
 Response via : Initial Calibration

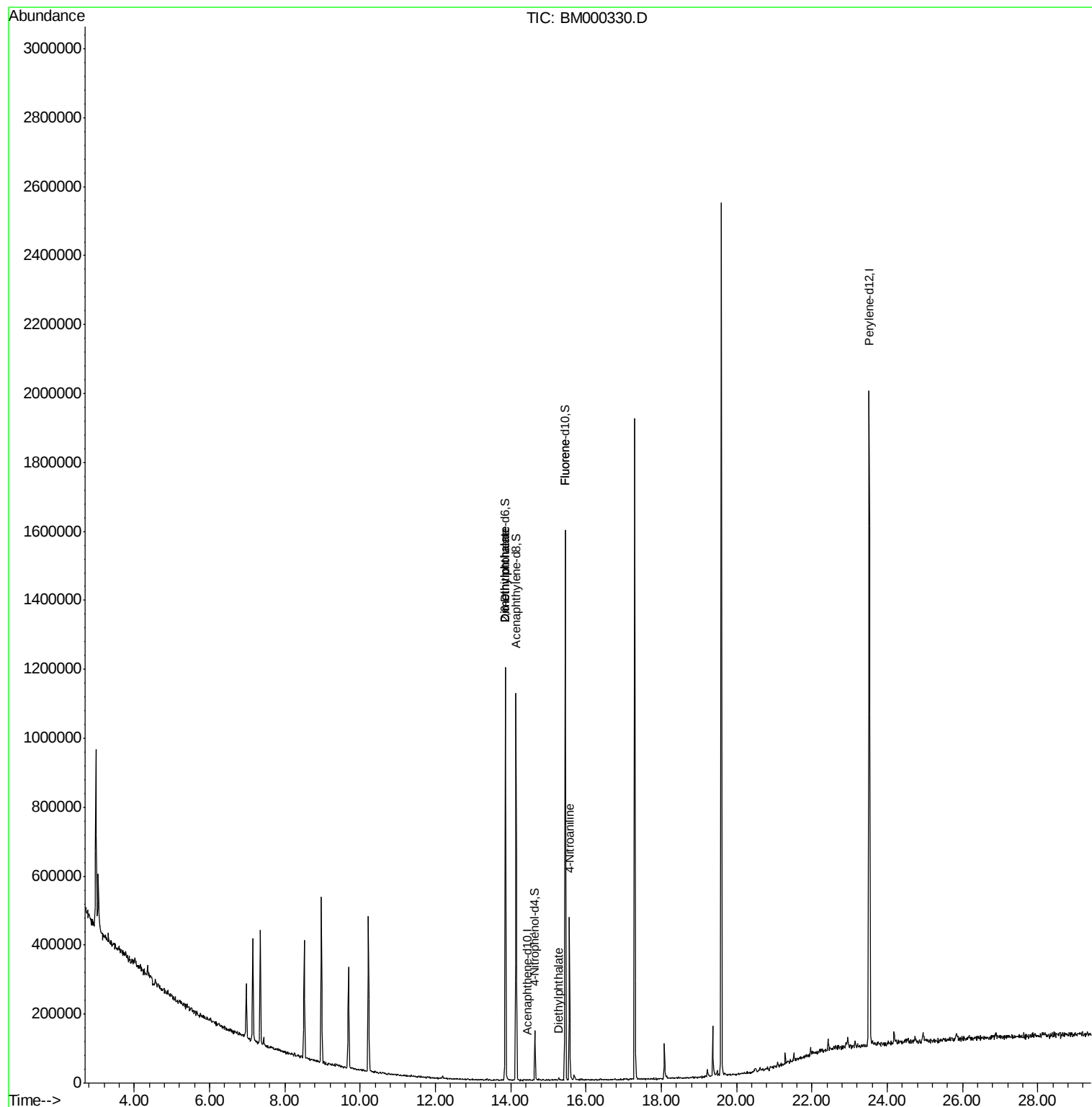
| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 0.00  | 152  | 0        | 0.00     | ng/ul  | -7.82    |
| 18) Naphthalene-d8             | 0.00  | 136  | 0        | 0.00     | ng/ul  | -10.60   |
| 35) Acenaphthene-d10           | 14.45 | 164  | 407      | 20.00    | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 0.00  | 188  | 0        | 0.00     | ng/ul  | -17.19   |
| 75) Chrysene-d12               | 0.00  | 240  | 0        | 0.00     | ng/ul  | -21.39   |
| 83) Perylene-d12               | 23.51 | 264  | 1173507  | 20.00    | ng/ul  | -0.15    |
| System Monitoring Compounds    |       |      |          |          |        |          |
| 3) 1,4-Dioxane-d8              | 3.30  | 96   | 4700     | 0.00     | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.97  | 99   | 65705    | 0.00     | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67   | 126500   | 0.00     | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.35  | 132  | 114576   | 0.00     | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.51  | 113  | 91637    | 0.00     | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.97  | 128  | 70531    | 0.00     | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.69  | 143  | 63623    | 0.00     | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165  | 125031   | 0.00     | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0        | 0.00     | ng/ul  |          |
| 43) Dimethylphthalate-d6       | 13.86 | 166  | 603761   | 20659.95 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.14 | 160  | 659952   | 18496.21 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.64 | 143  | 25759    | 5327.14  | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.44 | 176  | 545122   | 20791.06 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200  | 75553    | 0.00     | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.29 | 188  | 917070   | 0.00     | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.59 | 212  | 1218158  | 0.00     | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 0.00  | 264  | 0        | 0.00     | ng/ul  |          |
| Target Compounds               |       |      |          |          |        |          |
| 44) Dimethylphthalate          | 13.86 | 163  | 961      | 32.07    | ng/ul# | 1        |
| 45) 2,6-Dinitrotoluene         | 13.86 | 165  | 5297     | 966.18   | ng/ul# | 27       |
| 56) Diethylphthalate           | 15.27 | 149  | 3502     | 111.39   | ng/ul# | 75       |
| 58) Fluorene                   | 15.44 | 166  | 1508     | 50.05    | ng/ul# | 8        |
| 60) 4-Nitroaniline             | 15.55 | 138  | 263      | 40.83    | ng/ul# | 1        |

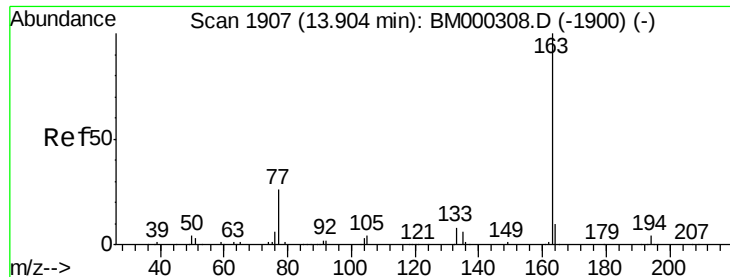
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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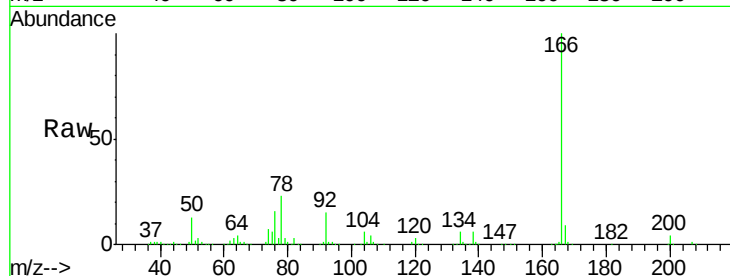




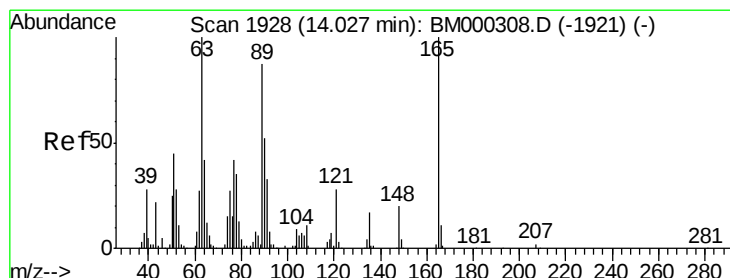
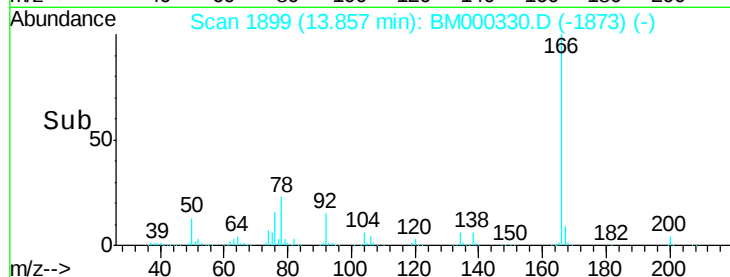
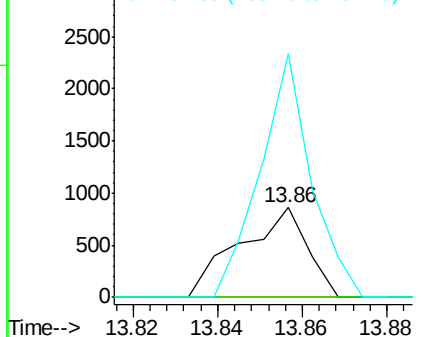
#44  
Dimethylphthalate  
Concen: 32.07 ng/ul  
RT: 13.86 min Scan# 1899  
Delta R.T. -0.05 min  
Lab File: BM000330.D  
Acq: 24 Jan 2015 12:41

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:163 Resp: 961  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 271.5 8.1 12.1#

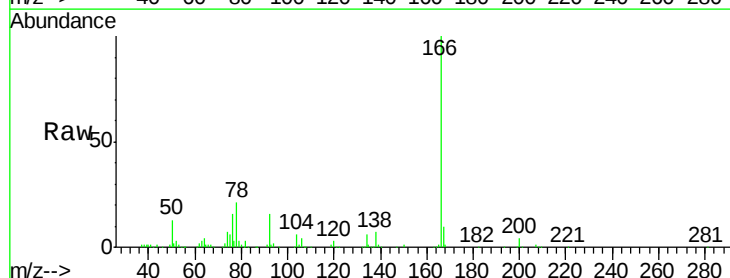


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

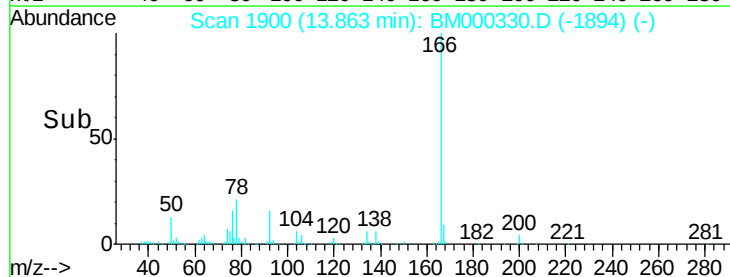
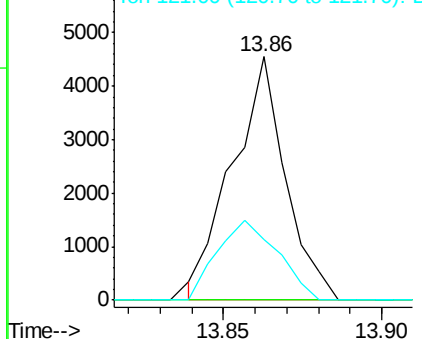


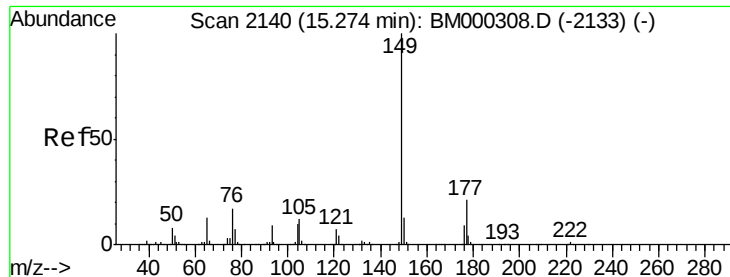
#45  
2,6-Dinitrotoluene  
Concen: 966.18 ng/ul  
RT: 13.86 min Scan# 1900  
Delta R.T. -0.16 min  
Lab File: BM000330.D  
Acq: 24 Jan 2015 12:41

Tgt Ion:165 Resp: 5297  
Ion Ratio Lower Upper  
165 100  
89 0.0 69.5 104.3#  
121 24.9 22.3 33.5



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 121.00 (120.70 to 121.70): E

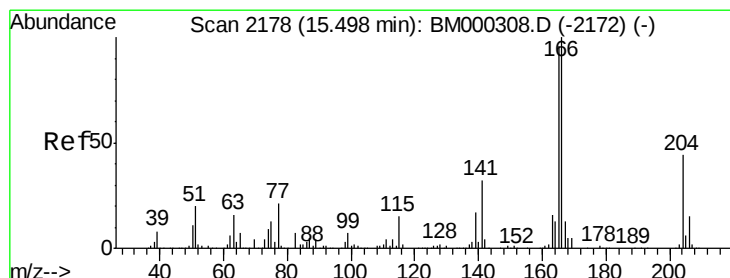
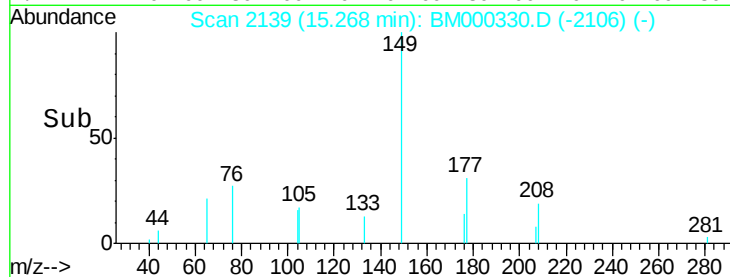
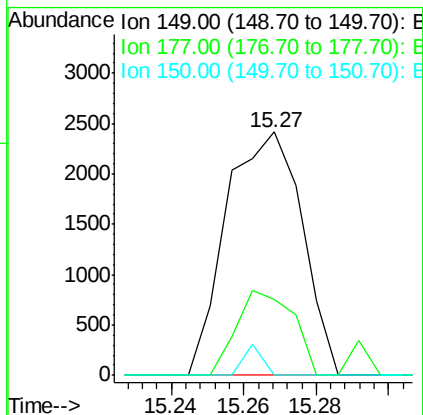
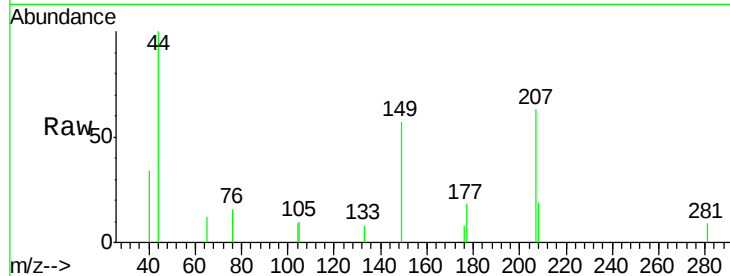




#56  
Diethylphthalate  
Concen: 111.39 ng/ul  
RT: 15.27 min Scan# 2139  
Delta R.T. -0.01 min  
Lab File: BM000330.D  
Acq: 24 Jan 2015 12:41

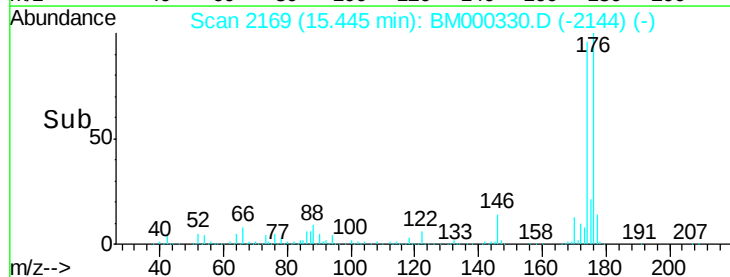
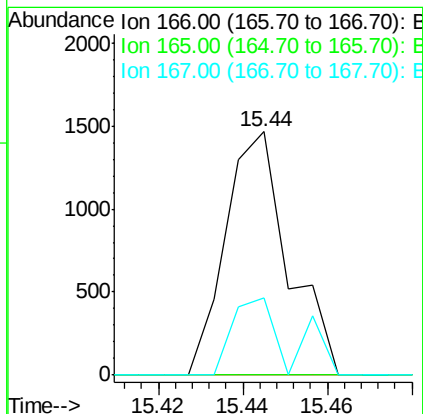
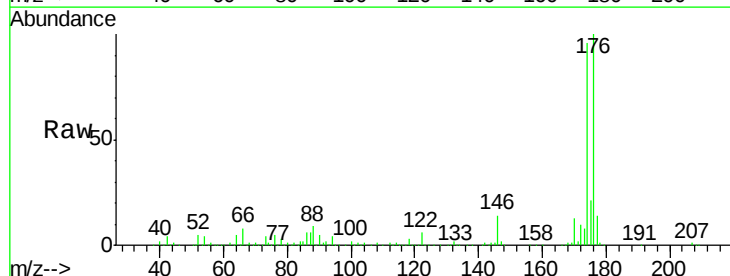
Instrument :  
BNA\_M  
ClientSampleId :

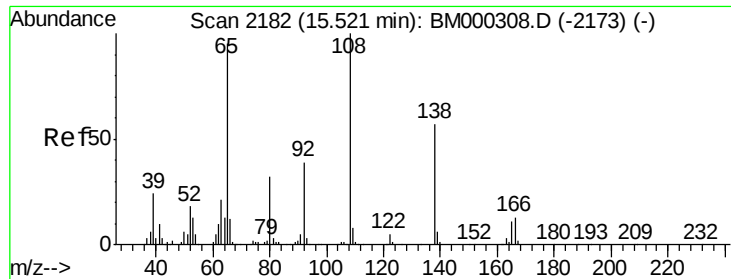
Tot Ion:149 Resp: 3502  
Ion Ratio Lower Upper  
149 100  
177 31.1 17.1 25.7#  
150 0.0 10.2 15.4#



#58  
Fluorene  
Concen: 50.05 ng/ul  
RT: 15.44 min Scan# 2169  
Delta R.T. -0.05 min  
Lab File: BM000330.D  
Acq: 24 Jan 2015 12:41

Tgt Ion:166 Resp: 1508  
Ion Ratio Lower Upper  
166 100  
165 0.0 76.6 114.8#  
167 31.6 10.6 16.0#

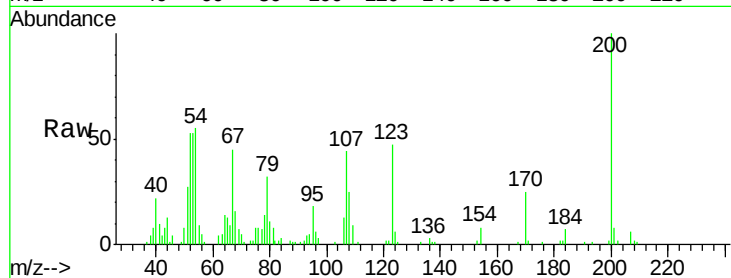




#60  
 4-Nitroaniline  
 Concen: 40.83 ng/ul  
 RT: 15.55 min Scan# 2187  
 Delta R.T. 0.03 min  
 Lab File: BM000330.D  
 Acq: 24 Jan 2015 12:41

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:138 Resp: 263  
 Ion Ratio Lower Upper  
 138 100  
 92 163.7 53.9 80.9#  
 108 2302.3 139.7 209.5#



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E

