

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\  
 Data File : BM014543.D  
 Acq On : 13 Mar 2018 12:37  
 Operator : SJ/JU  
 Sample : J1835-11  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6F44

Quant Time: Mar 13 16:12:36 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 13 16:10:56 2018  
 Response via : Initial Calibration

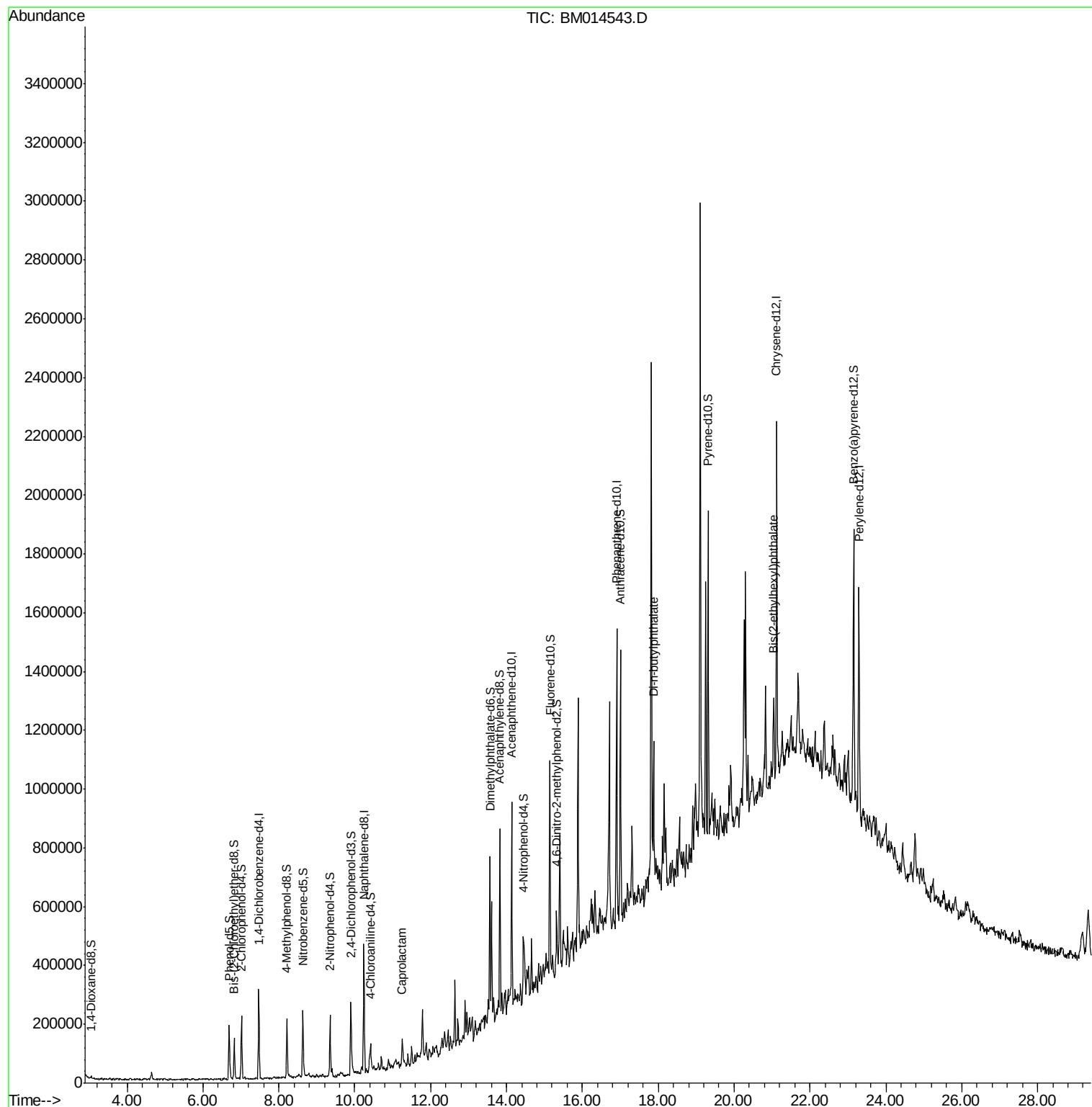
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.47  | 152  | 62381    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.24 | 136  | 281585   | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.14 | 164  | 186489   | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 16.90 | 188  | 452715   | 20.00 | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.12 | 240  | 507192   | 20.00 | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.29 | 264  | 513132   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.05  | 96   | 2752     | 1.89  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.69  | 99   | 88598    | 16.80 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67   | 55726    | 17.46 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.02  | 132  | 71888    | 17.78 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.21  | 113  | 63302    | 13.72 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.63  | 128  | 38455    | 18.48 | ng/ul  | -0.01    |
| 22) 2-Nitrophenol-d4           | 9.35  | 143  | 44747    | 20.78 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.90  | 165  | 79742    | 17.88 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.42 | 131  | 43500    | 9.90  | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.56 | 166  | 302567   | 19.65 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 13.83 | 160  | 362703   | 19.10 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.44 | 143  | 50809    | 23.89 | ng/ul  | -0.02    |
| 57) Fluorene-d10               | 15.14 | 176  | 261585   | 18.96 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.32 | 200  | 36938    | 13.60 | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.00 | 188  | 418800   | 19.17 | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.32 | 212  | 486684   | 18.60 | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.16 | 264  | 475194   | 19.03 | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 32) Caprolactam                | 11.26 | 113  | 2698     | 1.990 | ng/ul# | 45       |
| 73) Di-n-butylphthalate        | 17.88 | 149  | 260765   | 9.164 | ng/ul# | 96       |
| 81) Bis(2-ethylhexyl)phthalate | 21.04 | 149  | 29142    | 1.460 | ng/ul  | 93       |

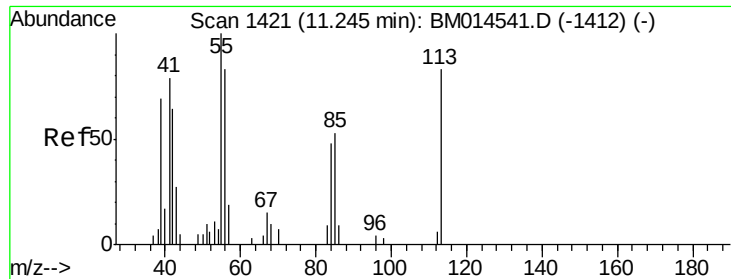
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#32

Caprolactam

Concen: 1.990 ng/ul

RT: 11.26 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM014543.D

Acq: 13 Mar 2018 12:37

Instrument :

BNA\_M

ClientSampled :

F6F44

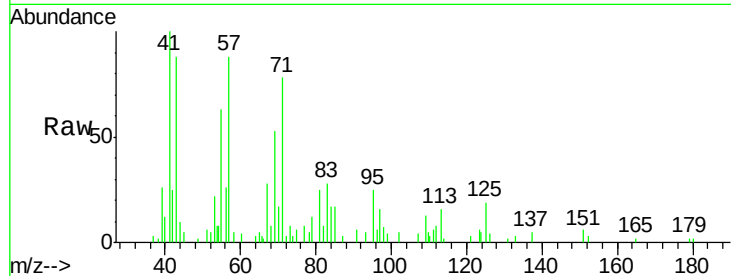
Tot Ion:113 Resp: 2698

Ion Ratio Lower Upper

113 100

55 401.6 208.0 312.0#

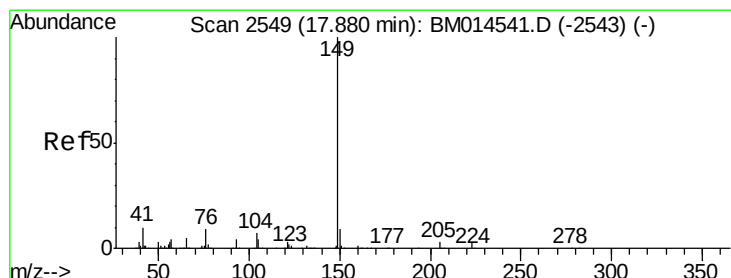
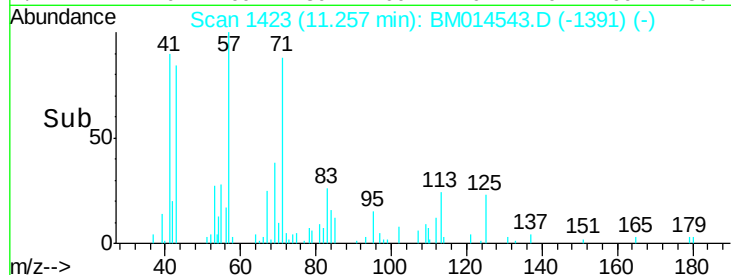
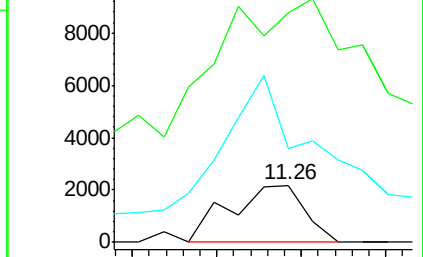
56 163.4 160.0 240.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#73

Di-n-butylphthalate

Concen: 9.164 ng/ul

RT: 17.88 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM014543.D

Acq: 13 Mar 2018 12:37

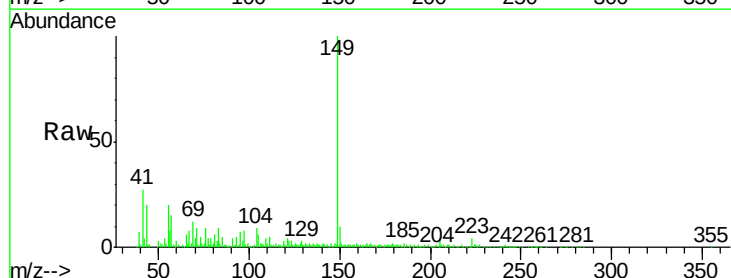
Tgt Ion:149 Resp: 260765

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

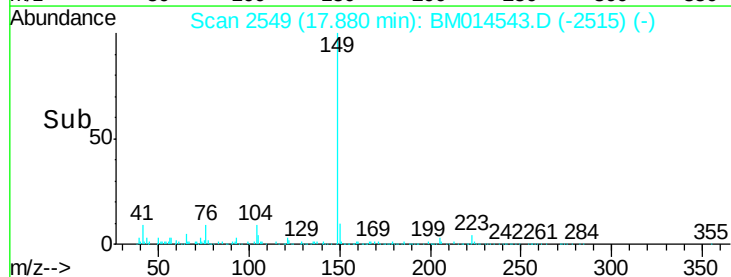
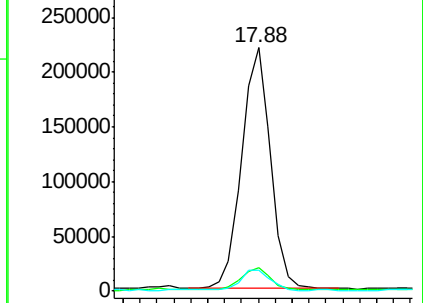
104 8.8 5.6 8.4#

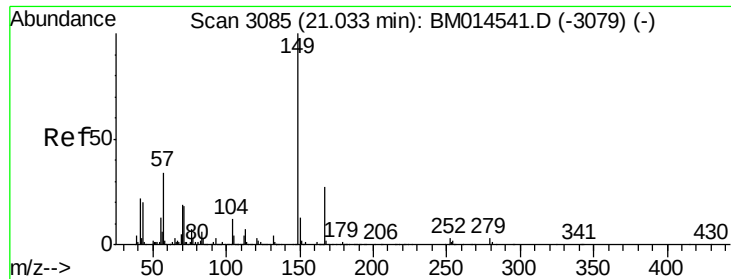


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

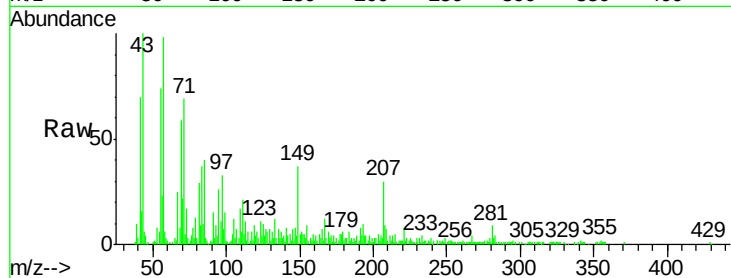




#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.460 ng/ul  
 RT: 21.04 min Scan# 3086  
 Delta R.T. -0.00 min  
 Lab File: BM014543.D  
 Acq: 13 Mar 2018 12:37

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 32.7  | 22.8  | 34.2  |
| 279     | 6.8   | 4.9   | 7.3   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

