

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122617\  
 Data File : BM013539.D  
 Acq On : 26 Dec 2017 17:50  
 Operator : SJ/JU  
 Sample : I7046-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FL8

Quant Time: Dec 27 03:32:52 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 27 03:26:43 2017  
 Response via : Initial Calibration

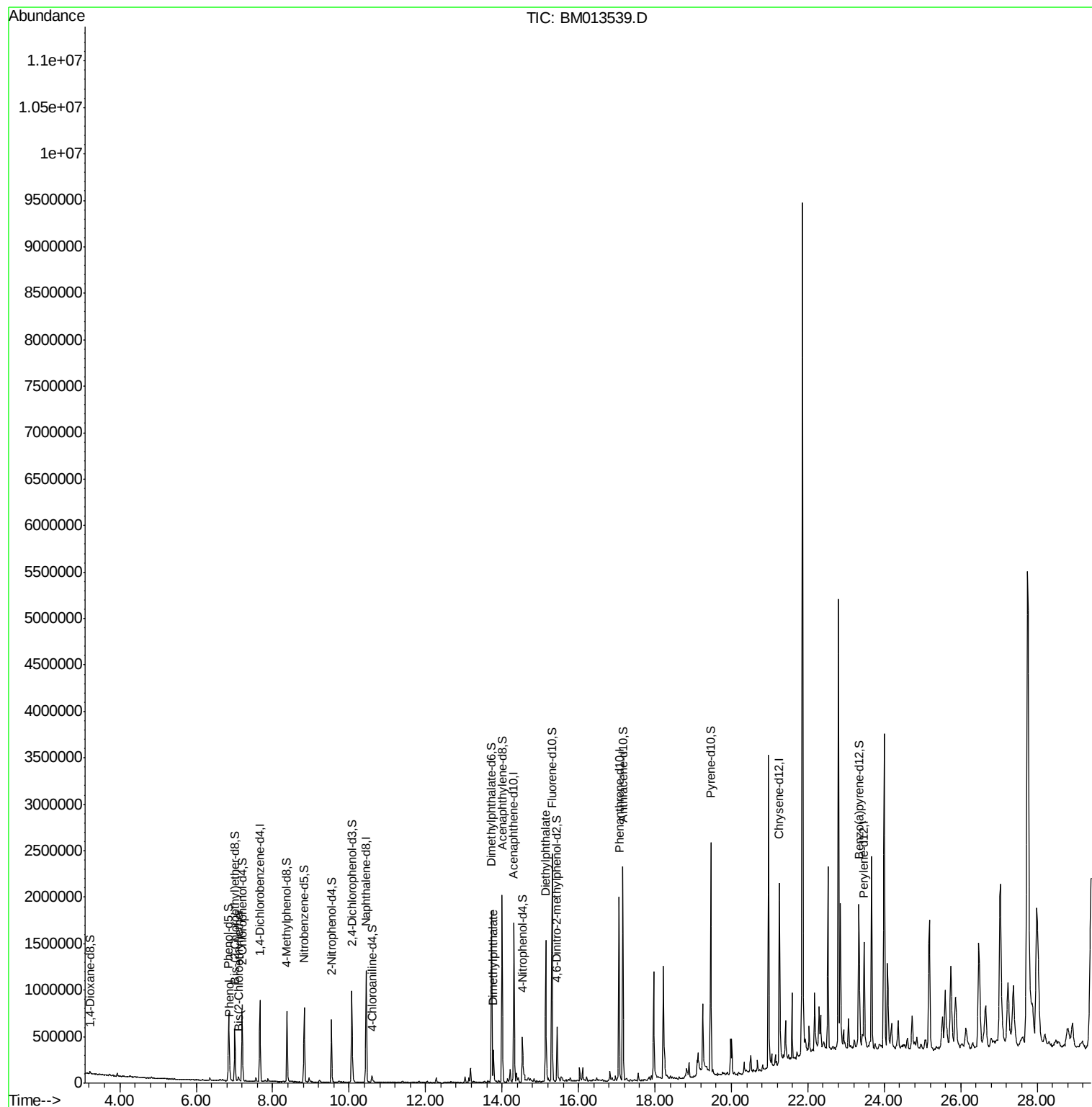
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.67  | 152  | 214039   | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.45 | 136  | 920931   | 20.00  | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.31 | 164  | 522703   | 20.00  | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.06 | 188  | 1108200  | 20.00  | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.25 | 240  | 888043   | 20.00  | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.47 | 264  | 829765   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.22  | 96   | 13223    | 3.06   | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.85  | 99   | 383980   | 20.73  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67   | 229535   | 21.73  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.20  | 132  | 305420   | 21.10  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.37  | 113  | 256731   | 16.23  | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.82  | 128  | 162549   | 22.26  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.54  | 143  | 176365   | 22.56  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165  | 345362   | 21.44  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.60 | 131  | 43004    | 2.90   | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.73 | 166  | 1080104  | 23.22  | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.00 | 160  | 1345738  | 23.45  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.53 | 143  | 109505   | 13.55  | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 15.31 | 176  | 910808   | 22.77  | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200  | 120163   | 17.24  | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.16 | 188  | 1276562  | 23.00  | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.46 | 212  | 1275747  | 28.84  | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.33 | 264  | 1001821  | 23.70  | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |        |        |          |
| 6) Phenol                      | 6.87  | 94   | 60072    | 3.281  | ng/ul  | 95       |
| 8) Bis(2-Chloroethyl)ether     | 7.10  | 93   | 17548    | 1.254  | ng/ul# | 32       |
| 44) Dimethylphthalate          | 13.77 | 163  | 191682   | 4.309  | ng/ul  | 98       |
| 56) Diethylphthalate           | 15.14 | 149  | 754280   | 16.905 | ng/ul  | 93       |

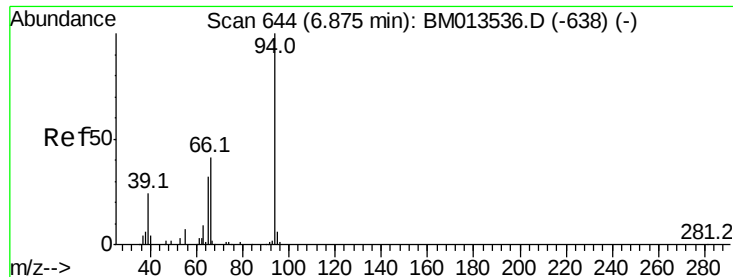
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.281 ng/ul

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

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BNA\_M

ClientSampleId :

C0FL8

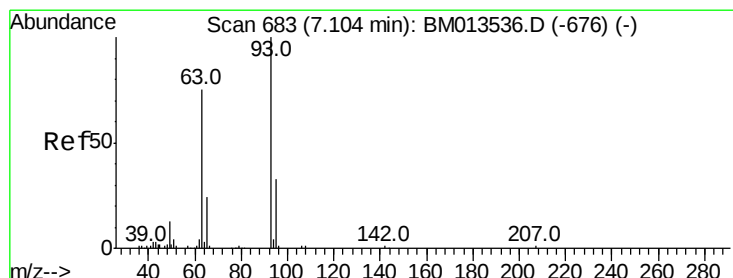
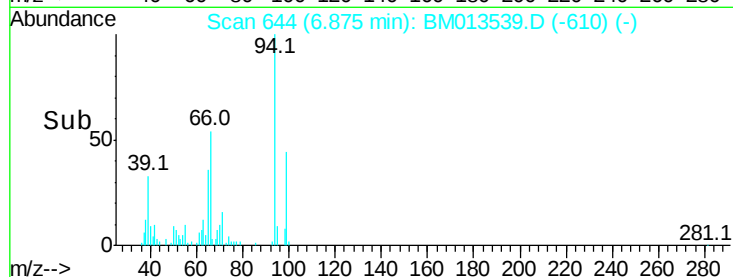
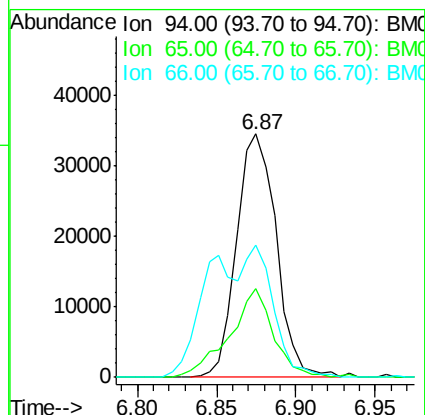
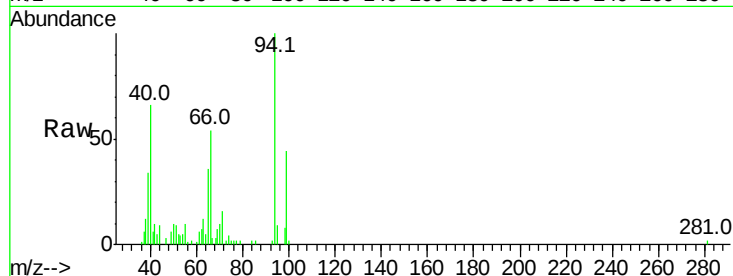
Tot Ion: 94 Resp: 60072

Ion Ratio Lower Upper

94 100

65 36.3 28.2 42.4

66 54.3 47.2 70.8



#8

Bis(2-Chloroethyl)ether

Concen: 1.254 ng/ul

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM013539.D

Acq: 26 Dec 2017 17:50

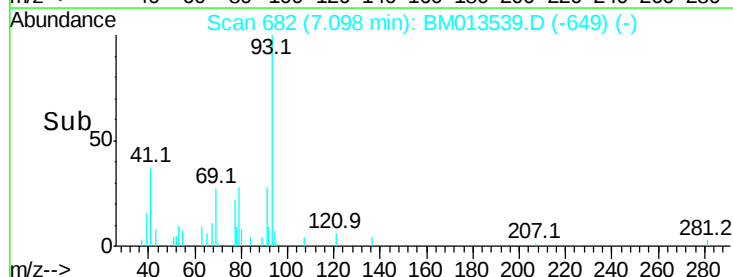
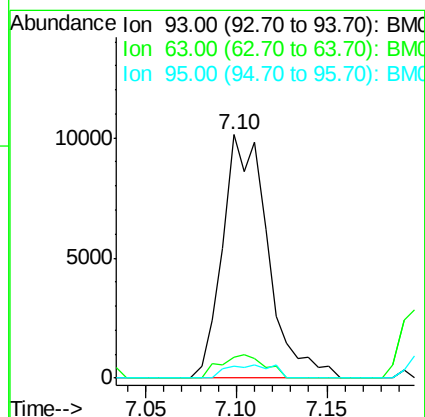
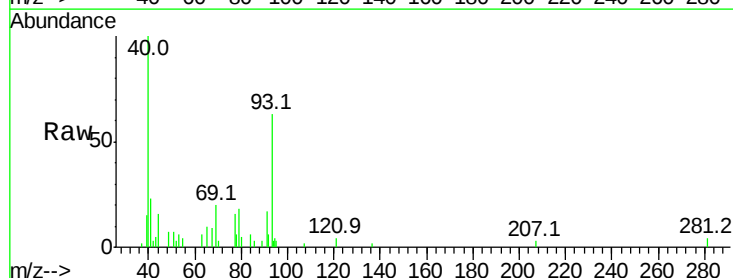
Tgt Ion: 93 Resp: 17548

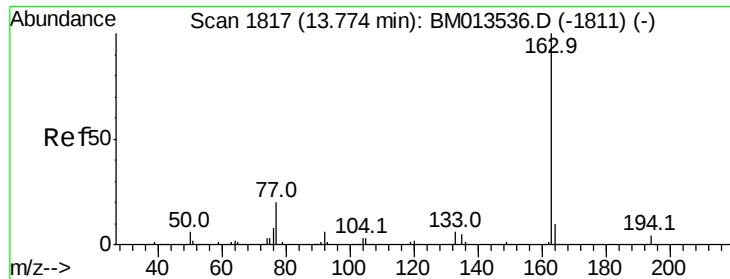
Ion Ratio Lower Upper

93 100

63 8.8 57.3 85.9#

95 4.7 26.6 39.8#





#44

Dimethylphthalate

Concen: 4.309 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. 0.00 min

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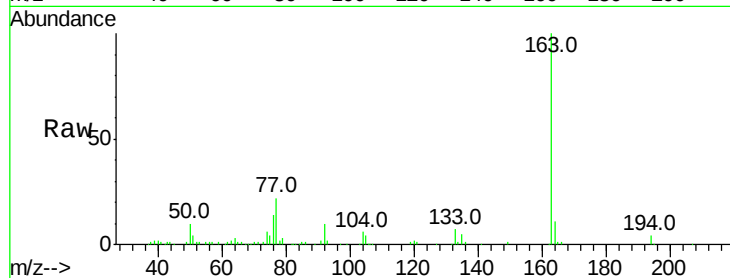
Tot Ion:163 Resp: 191682

Ion Ratio Lower Upper

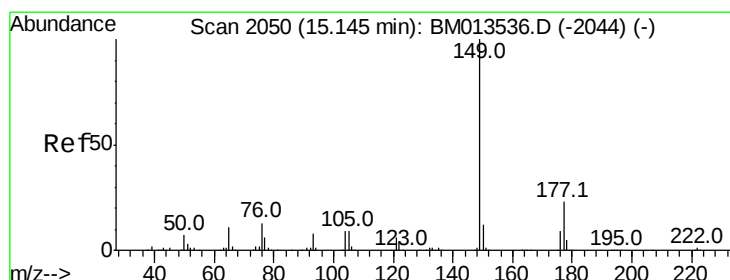
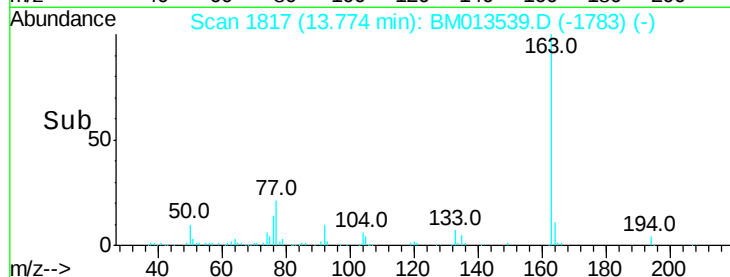
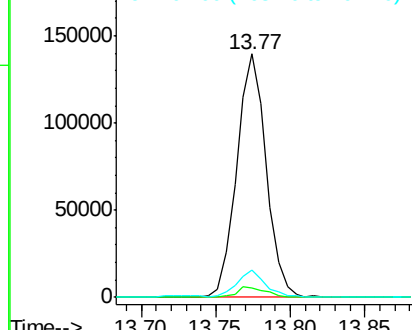
163 100

194 4.1 3.5 5.3

164 11.1 8.2 12.4



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



#56

Diethylphthalate

Concen: 16.905 ng/ul

RT: 15.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM013539.D

Acq: 26 Dec 2017 17:50

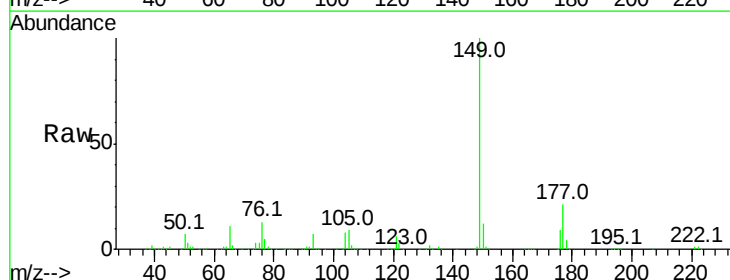
Tgt Ion:149 Resp: 754280

Ion Ratio Lower Upper

149 100

177 21.1 20.5 30.7

150 12.3 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

