

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM081916\  
 Data File : BM007234.D  
 Acq On : 19 Aug 2016 13:17  
 Operator : UM/SJ  
 Sample : H4423-18  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD2R5

Quant Time: Aug 19 14:44:41 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM081116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 19 09:10:25 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 253688   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 989747   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.43 | 164  | 570465   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.18 | 188  | 1329392  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.36 | 240  | 1557521  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.64 | 264  | 1639983  | 20.00 | ng/ul | 0.01     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96   | 12592    | 2.17  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.97  | 99   | 258569   | 12.58 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67   | 157646   | 13.38 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.34  | 132  | 216176   | 13.21 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.50  | 113  | 156330   | 9.24  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.96  | 128  | 99920    | 13.90 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.67  | 143  | 104358   | 13.59 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.21 | 165  | 209947   | 13.05 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.73 | 131  | 249211   | 13.02 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.85 | 166  | 682939   | 14.49 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.13 | 160  | 851146   | 15.03 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.63 | 143  | 82922    | 9.82  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.43 | 176  | 618411   | 15.01 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.55 | 200  | 37230    | 5.07  | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.27 | 188  | 959189   | 15.57 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.57 | 212  | 1152672  | 17.53 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.49 | 264  | 1185076  | 15.80 | ng/ul | 0.01     |

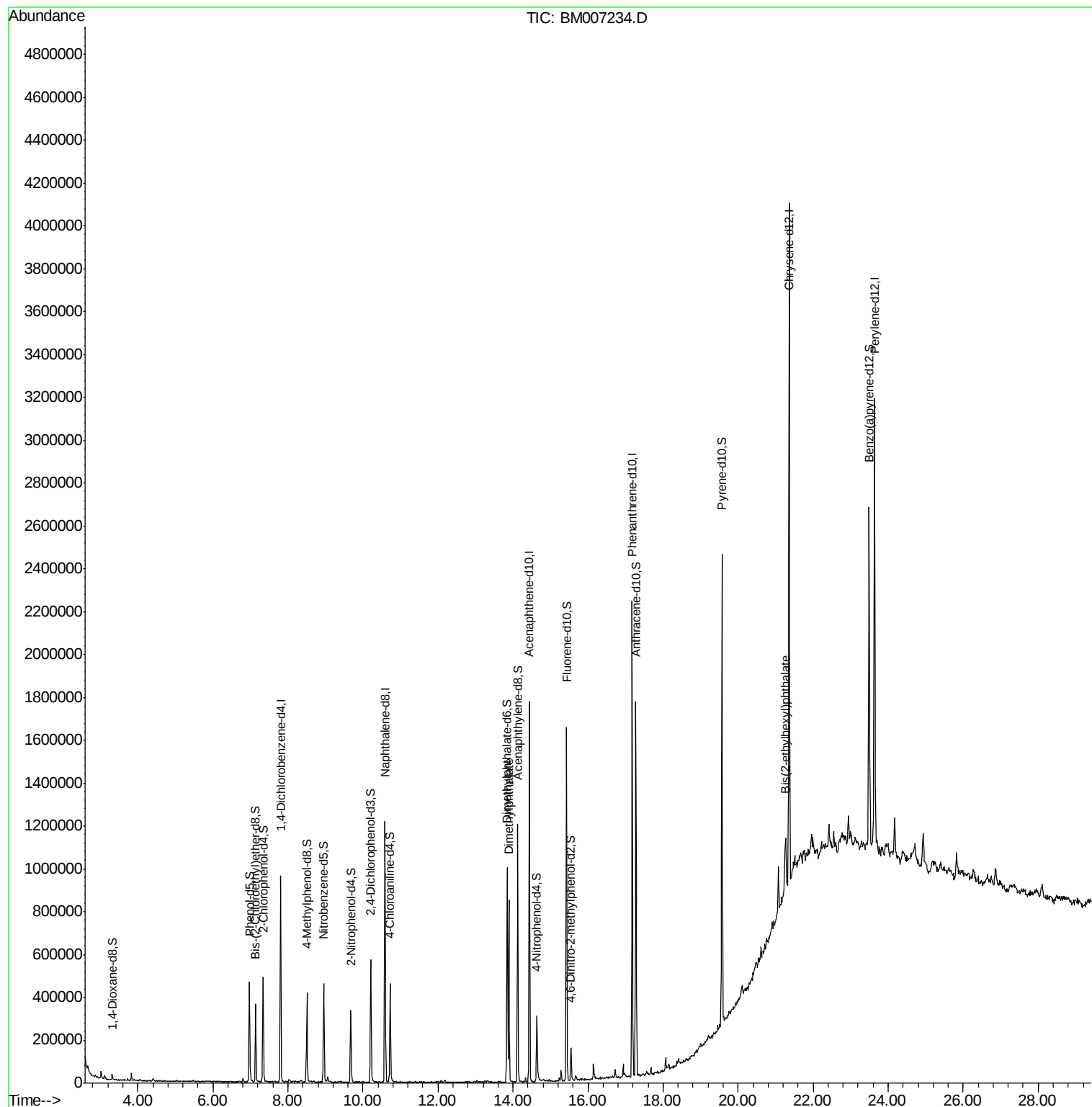
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 44) Dimethylphthalate          | 13.89 | 163  | 550035   | 11.68 | ng/ul | 100    |
| 81) Bis(2-ethylhexyl)phthalate | 21.27 | 149  | 100117   | 2.02  | ng/ul | 95     |

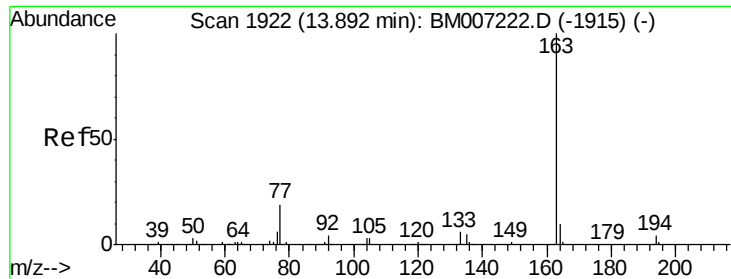
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 11.68 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. 0.00 min

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Acq: 19 Aug 2016 13:17

Instrument :

BNA\_M

ClientSampled :

BD2R5

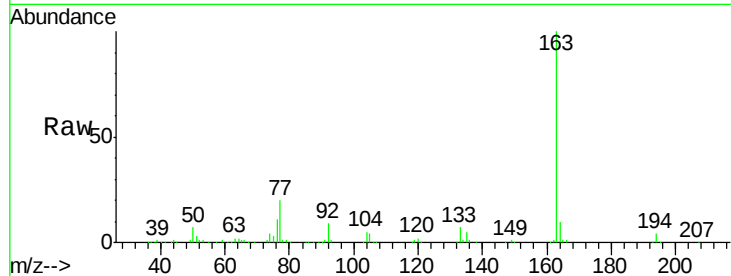
Tgt Ion:163 Resp: 550035

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

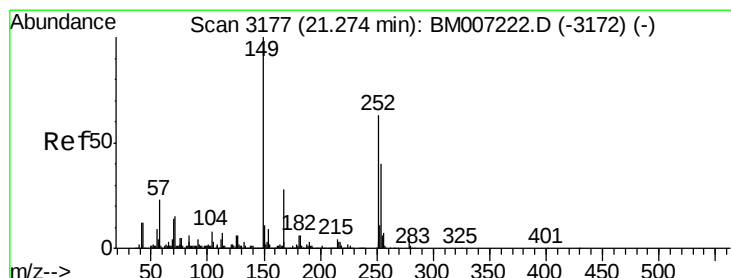
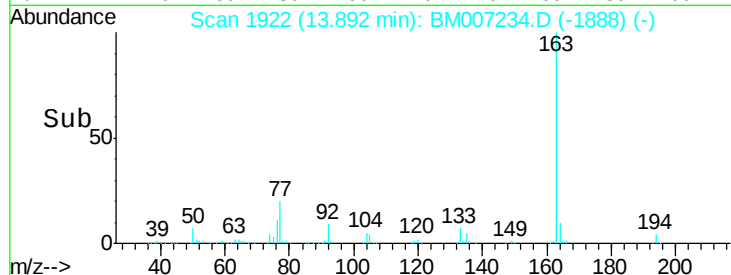
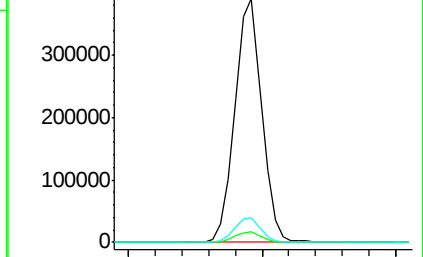
164 9.9 7.8 11.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.02 ng/ul

RT: 21.27 min Scan# 3176

Delta R.T. -0.01 min

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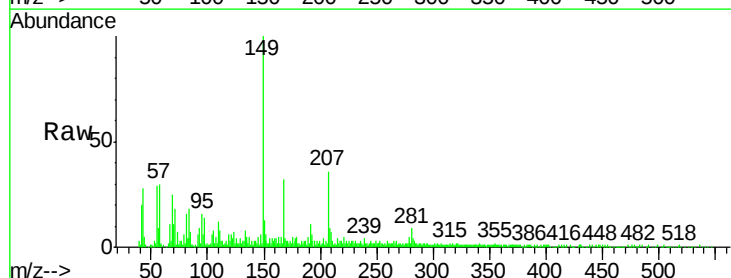
Tgt Ion:149 Resp: 100117

Ion Ratio Lower Upper

149 100

167 32.0 23.2 34.8

279 4.6 4.1 6.1



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

