

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM110517\  
 Data File : BM012775.D  
 Acq On : 06 Nov 2017 13:47  
 Operator : SJ/JU  
 Sample : I5825-05DL 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-61(0-1)-101117DL

Quant Time: Nov 07 04:08:09 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM110417MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 06 07:19:57 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 90191    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 385445   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.45 | 164  | 256473   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 584162   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.37 | 240  | 509387   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.66 | 264  | 497816   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 797   | 0.48 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 15641 | 2.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.14  | 67  | 9616  | 2.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 13829 | 2.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 11215 | 1.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.97  | 128 | 6935  | 2.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.69  | 143 | 7579  | 2.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 15691 | 2.35 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 4056  | 0.63 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.86 | 166 | 55657 | 2.62 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.14 | 160 | 64901 | 2.47 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 4661  | 1.37 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.44 | 176 | 46446 | 2.56 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 4315  | 1.12 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.29 | 188 | 69903 | 2.48 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.59 | 212 | 73101 | 3.09 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.51 | 264 | 60921 | 2.59 | ng/ul | 0.00 |

## Target Compounds

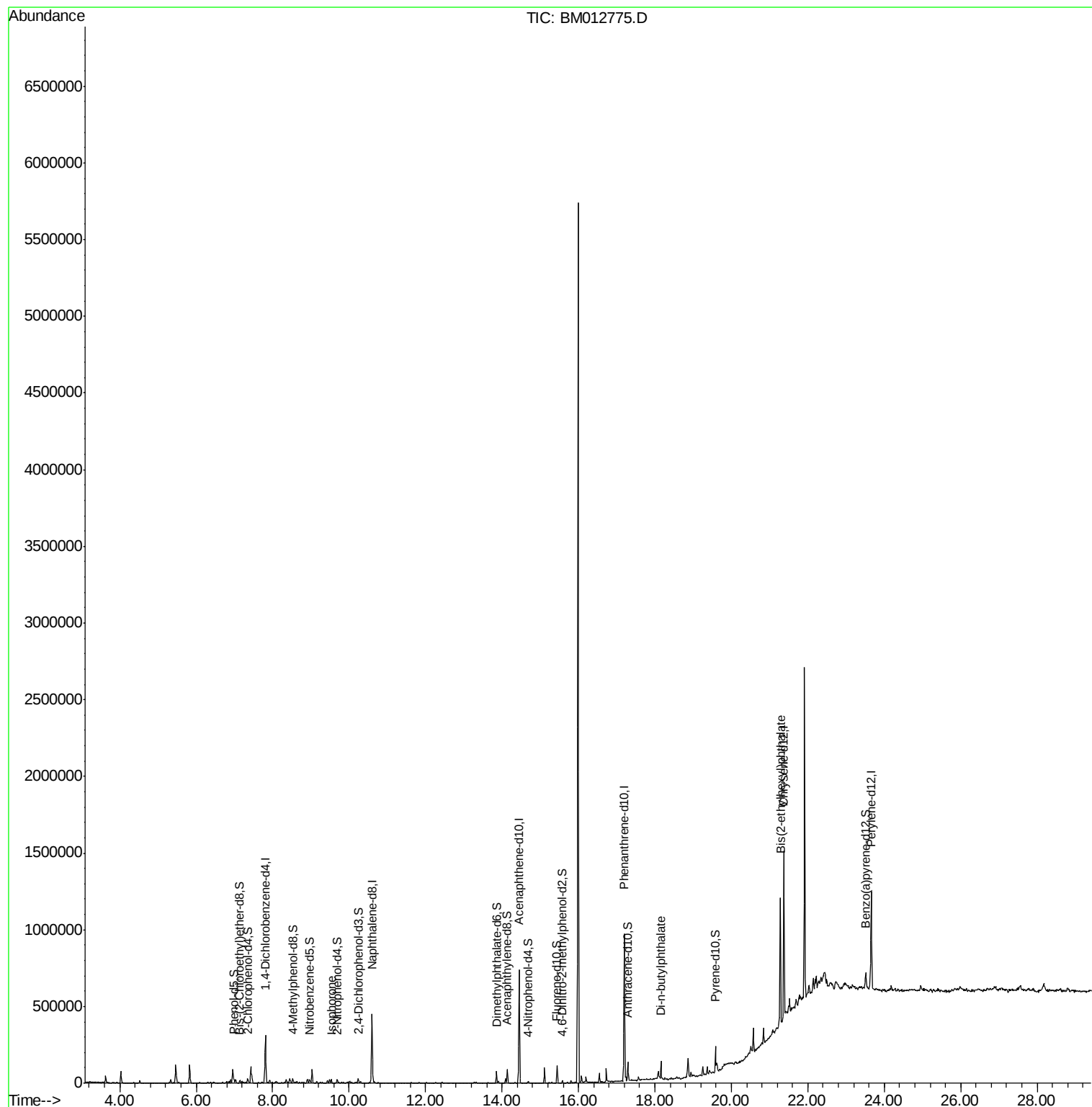
|                                |       |     |        |               | Qvalue |
|--------------------------------|-------|-----|--------|---------------|--------|
| 21) Isophorone                 | 9.54  | 82  | 18619  | 1.543 ng/ul   | 95     |
| 75) Di-n-butylphthalate        | 18.16 | 149 | 79562  | 2.459 ng/ul   | 98     |
| 83) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 315475 | 19.539 ng/ul# | 95     |

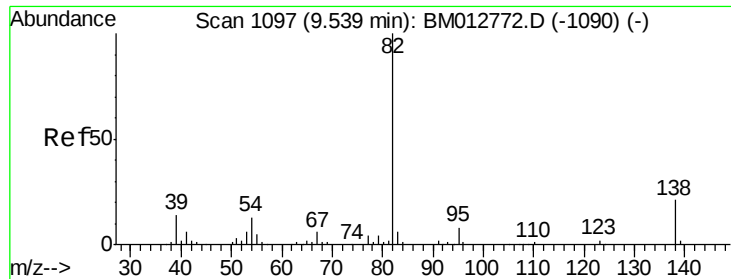
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#21

Isophorone

Concen: 1.543 ng/ul

RT: 9.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BM012775.D

Acq: 06 Nov 2017 13:47

Instrument :

BNA\_M

ClientSampleId :

B-61(0-1)-101117DL

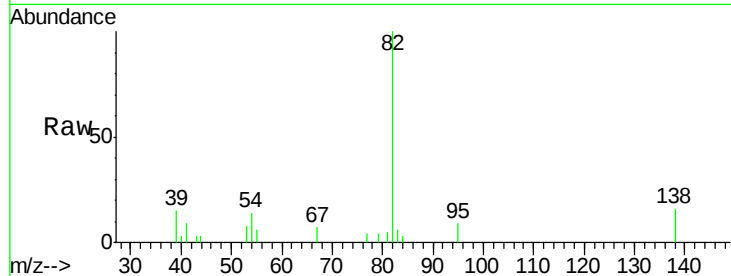
Tgt Ion: 82 Resp: 18619

Ion Ratio Lower Upper

82 100

95 9.0 6.4 9.6

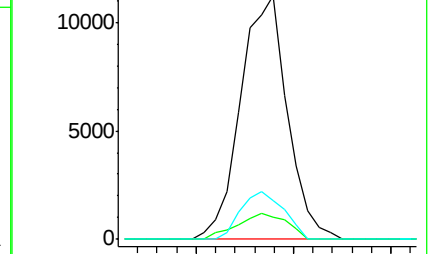
138 16.0 14.9 22.3



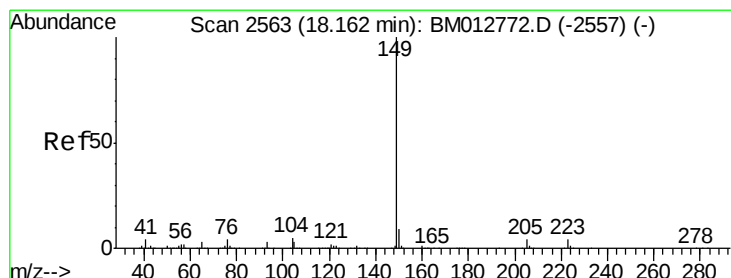
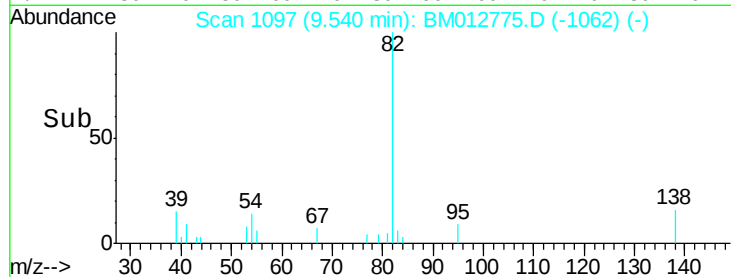
Abundance Ion 82.00 (81.70 to 82.70): BM012772.D (-1090) (-)

Ion 95.00 (94.70 to 95.70): BM012775.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM012775.D (-1062) (-)



Time-->



#75

Di-n-butylphthalate

Concen: 2.459 ng/ul

RT: 18.16 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BM012775.D

Acq: 06 Nov 2017 13:47

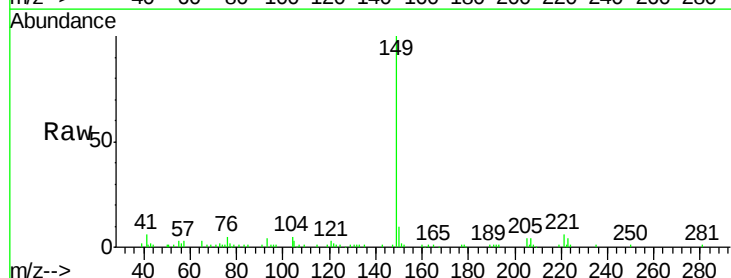
Tgt Ion: 149 Resp: 79562

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.0

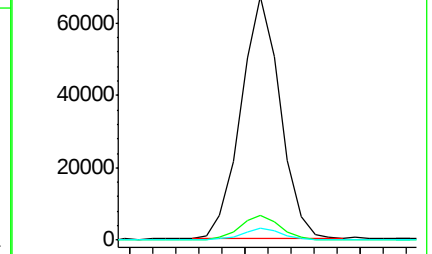
104 4.7 4.0 6.0



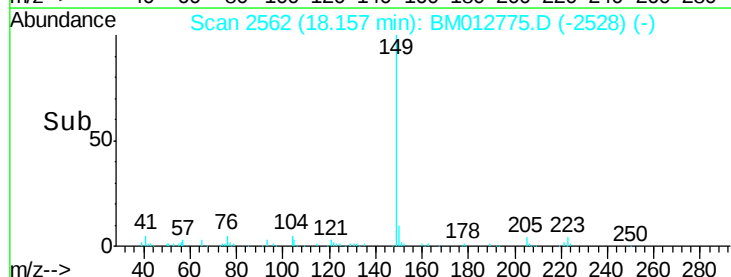
Abundance Ion 149.00 (148.70 to 149.70): BM012772.D (-2557) (-)

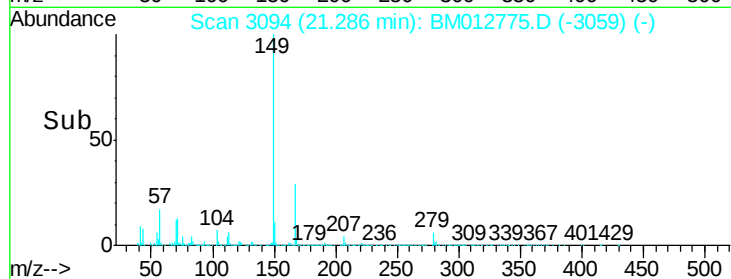
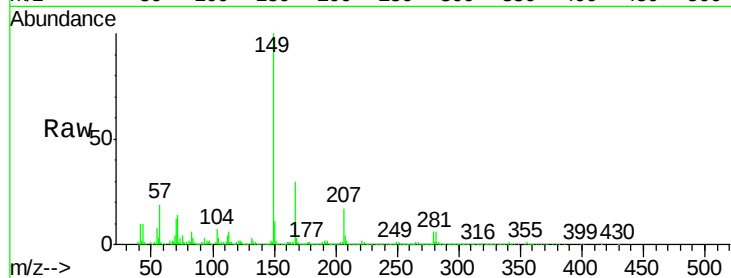
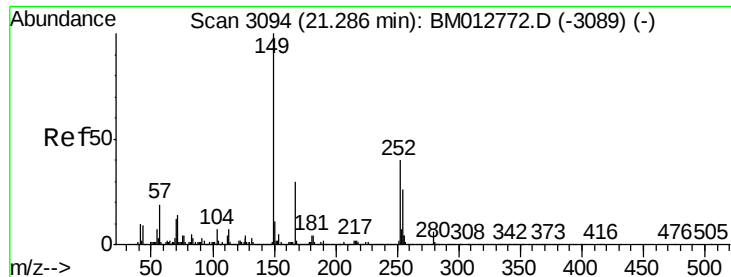
Ion 150.00 (149.70 to 150.70): BM012775.D (-2528) (-)

Ion 104.00 (103.70 to 104.70): BM012775.D (-2528) (-)



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 19.539 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.01 min

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Tgt Ion:149 Resp: 315475

Ion Ratio Lower Upper

149 100

167 29.5 21.6 32.4

279 6.2 3.0 4.4#

