

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121915\  
 Data File : BM003642.D  
 Acq On : 20 Dec 2015 05:38  
 Operator : UM/SJ  
 Sample : G4801-35MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 G9C81MSD

Quant Time: Dec 21 07:29:17 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM121915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 21 07:26:15 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 | -7.70    |
| 18) Naphthalene-d8        | 0.00  | 136  | 0        | 0.00  | ng/ul | -10.49   |
| 36) Acenaphthene-d10      | 0.00  | 164  | 0        | 0.00  | ng/ul | -14.35   |
| 62) Phenanthrene-d10      | 0.00  | 188  | 0        | 0.00  | ng/ul | -17.10   |
| 78) Chrysene-d12          | 21.30 | 240  | 429      | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 0.00  | 264  | 0        | 0.00  | ng/ul | -23.54   |

| System Monitoring Compounds    | R.T. | QIon | Response | Conc | Units |
|--------------------------------|------|------|----------|------|-------|
| 3) 1,4-Dioxane-d8              | 0.00 | 96   | 0        | 0.00 | ng/uL |
| 5) Phenol-d5                   | 0.00 | 99   | 0        | 0.00 | ng/ul |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67   | 0        | 0.00 | ng/ul |
| 9) 2-Chlorophenol-d4           | 0.00 | 132  | 0        | 0.00 | ng/ul |
| 13) 4-Methylphenol-d8          | 0.00 | 113  | 0        | 0.00 | ng/ul |
| 19) Nitrobenzene-d5            | 0.00 | 128  | 0        | 0.00 | ng/ul |
| 22) 2-Nitrophenol-d4           | 0.00 | 143  | 0        | 0.00 | ng/ul |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165  | 0        | 0.00 | ng/ul |
| 29) 4-Chloroaniline-d4         | 0.00 | 131  | 0        | 0.00 | ng/ul |
| 44) Dimethylphthalate-d6       | 0.00 | 166  | 0        | 0.00 | ng/ul |
| 47) Acenaphthylene-d8          | 0.00 | 160  | 0        | 0.00 | ng/ul |
| 52) 4-Nitrophenol-d4           | 0.00 | 143  | 0        | 0.00 | ng/ul |
| 58) Fluorene-d10               | 0.00 | 176  | 0        | 0.00 | ng/ul |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200  | 0        | 0.00 | ng/ul |
| 71) Anthracene-d10             | 0.00 | 188  | 0        | 0.00 | ng/ul |
| 79) Pyrene-d10                 | 0.00 | 212  | 0        | 0.00 | ng/ul |
| 90) Benzo(a)pyrene-d12         | 0.00 | 264  | 0        | 0.00 | ng/ul |

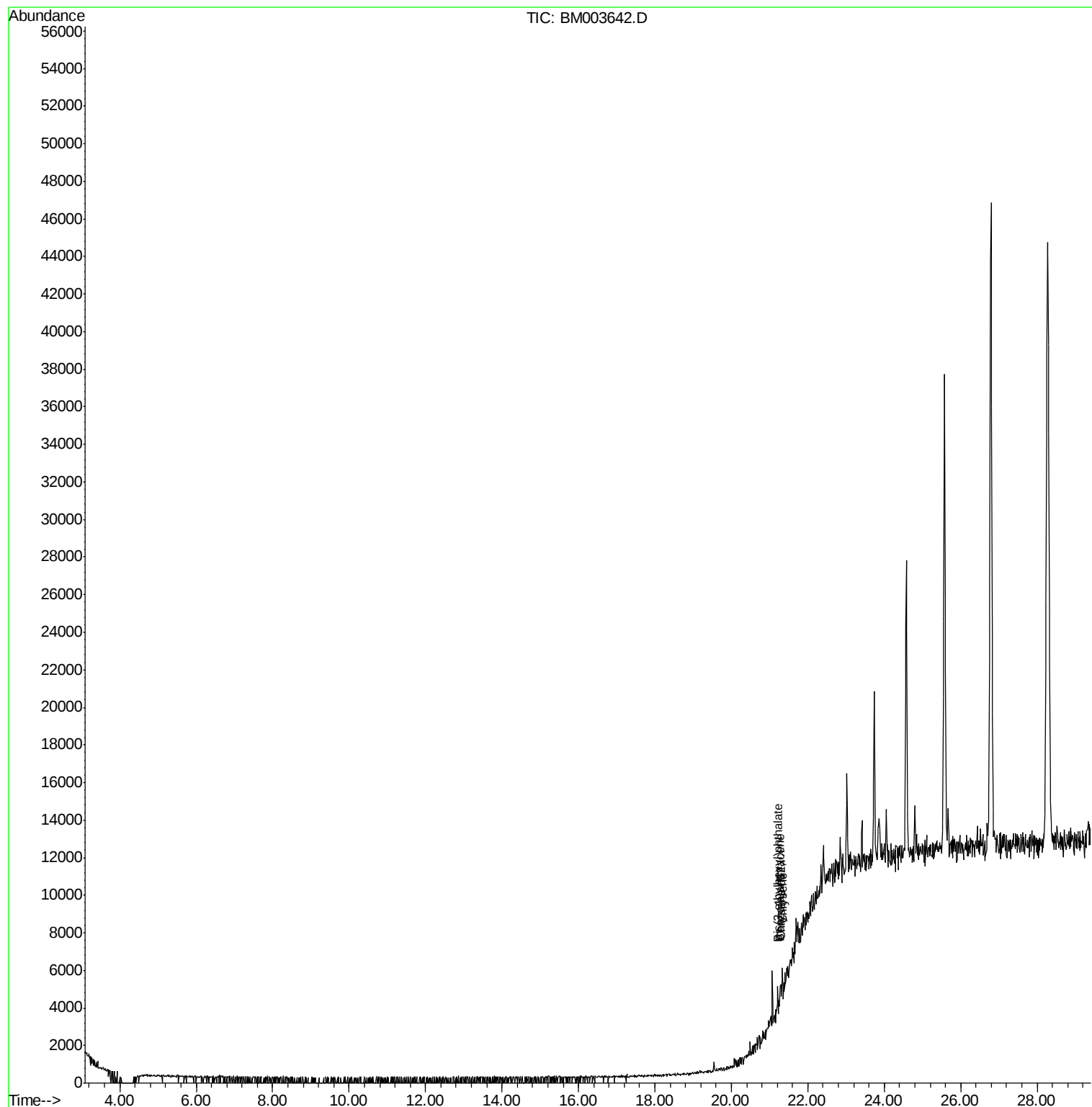
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 83) Benzo(a)anthracene         | 21.28 | 228  | 420      | 16.24 | ng/ul# | 52     |
| 84) Bis(2-ethylhexyl)phthalate | 21.21 | 149  | 484      | 27.85 | ng/ul# | 53     |
| 85) Chrysene                   | 21.33 | 228  | 1154     | 46.27 | ng/ul# | 50     |

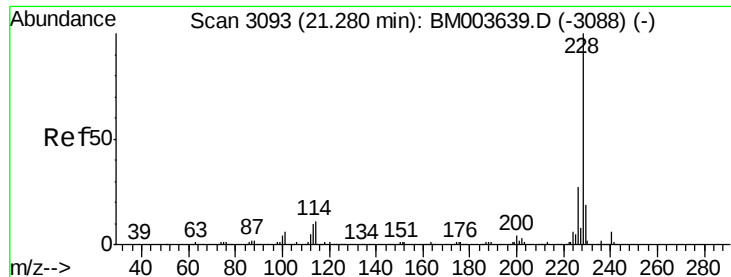
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#83

Benzo(a)anthracene

Concen: 16.24 ng/ul

RT: 21.28 min Scan# 3093

Delta R.T. -0.00 min

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BNA\_M

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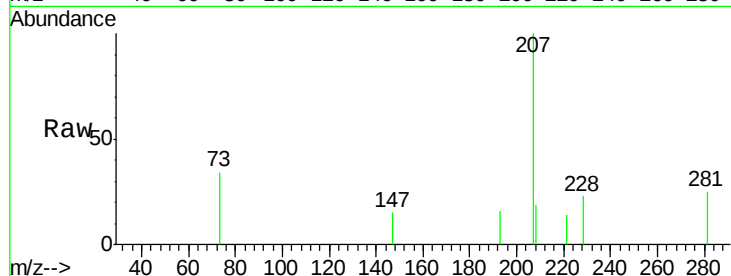
Tgt Ion:228 Resp: 420

Ion Ratio Lower Upper

228 100

229 0.0 15.7 23.5#

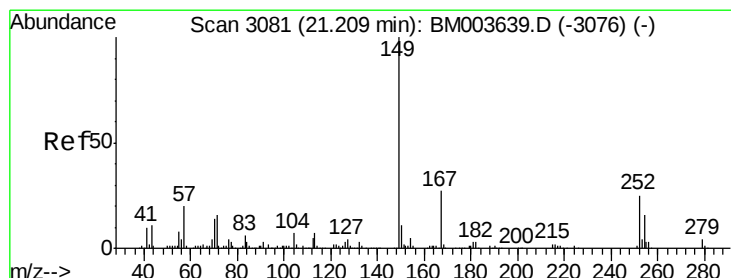
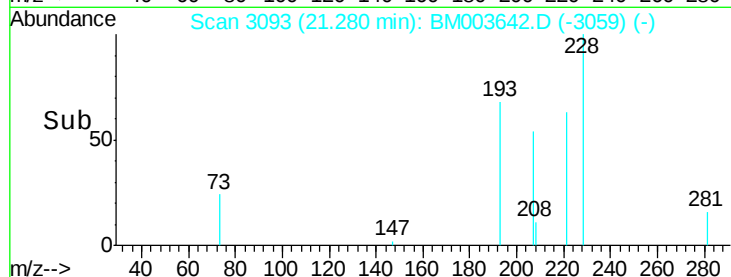
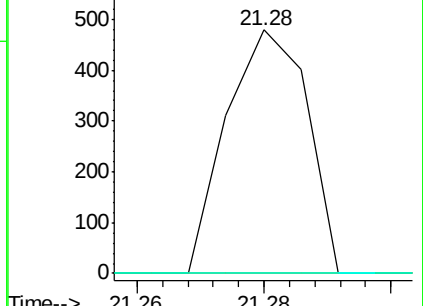
226 0.0 21.8 32.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.85 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM003642.D

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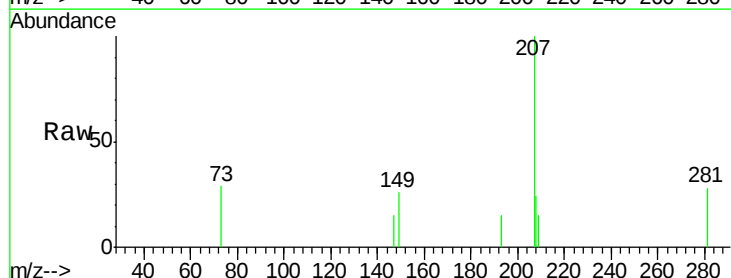
Tgt Ion:149 Resp: 484

Ion Ratio Lower Upper

149 100

167 0.0 21.6 32.4#

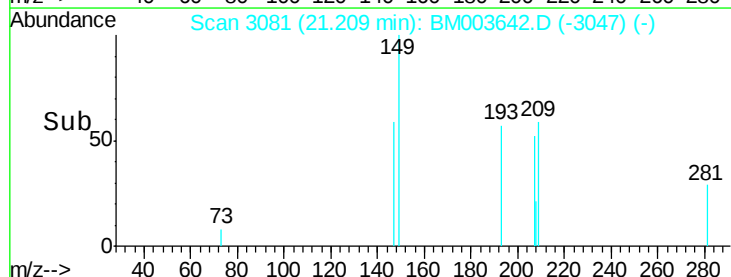
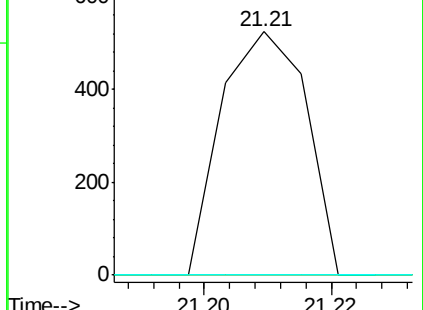
279 0.0 3.0 4.4#

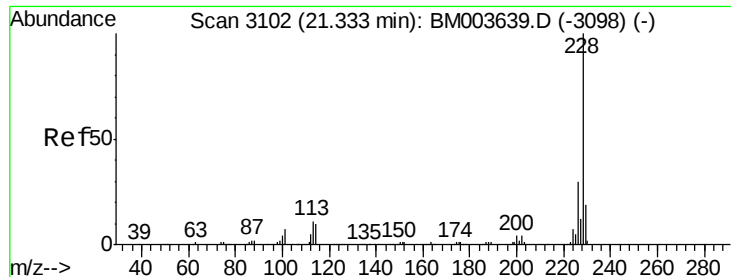


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 46.27 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM003642.D

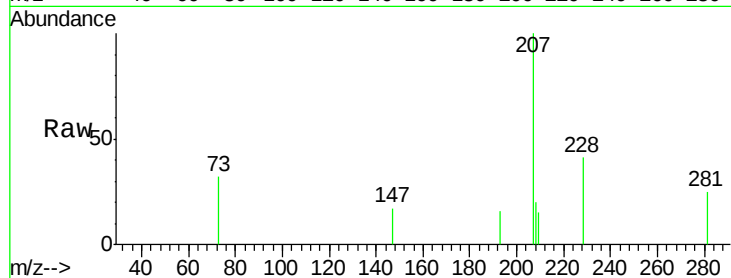
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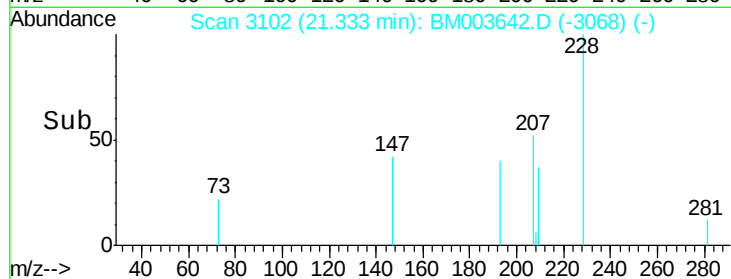
Tgt Ion: 228 Resp: 1154

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

229 0.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

