

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062319\  
 Data File : BM021130.D  
 Acq On : 23 Jun 2019 12:06  
 Operator : HP/JU  
 Sample : K3226-05  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFCP5

Quant Time: Jun 24 00:55:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 20 03:45:02 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 305136   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.56 | 136  | 1379436  | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 14.41 | 164  | 931941   | 20.00 | ng/ul | -0.02    |
| 61) Phenanthrene-d10      | 17.16 | 188  | 2250208  | 20.00 | ng/ul | -0.01    |
| 77) Chrysene-d12          | 21.34 | 240  | 1830454  | 20.00 | ng/ul | -0.02    |
| 85) Perylene-d12          | 23.61 | 264  | 1736008  | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 33882   | 5.27  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.94  | 99  | 186974  | 7.04  | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.11  | 67  | 465715  | 29.43 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 535444  | 24.81 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8          | 8.47  | 113 | 378039  | 17.05 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 352980  | 31.51 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 413403  | 33.25 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 765743  | 30.29 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 10.71 | 131 | 94639   | 3.59  | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6       | 13.83 | 166 | 2937002 | 34.88 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8          | 14.10 | 160 | 3357433 | 32.57 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 75091   | 5.48  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.41 | 176 | 2522611 | 34.44 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 430348  | 31.11 | ng/ul | -0.01 |
| 70) Anthracene-d10             | 17.26 | 188 | 4051094 | 34.64 | ng/ul | -0.02 |
| 78) Pyrene-d10                 | 19.56 | 212 | 4321278 | 39.34 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.47 | 264 | 3624496 | 35.39 | ng/ul | -0.01 |

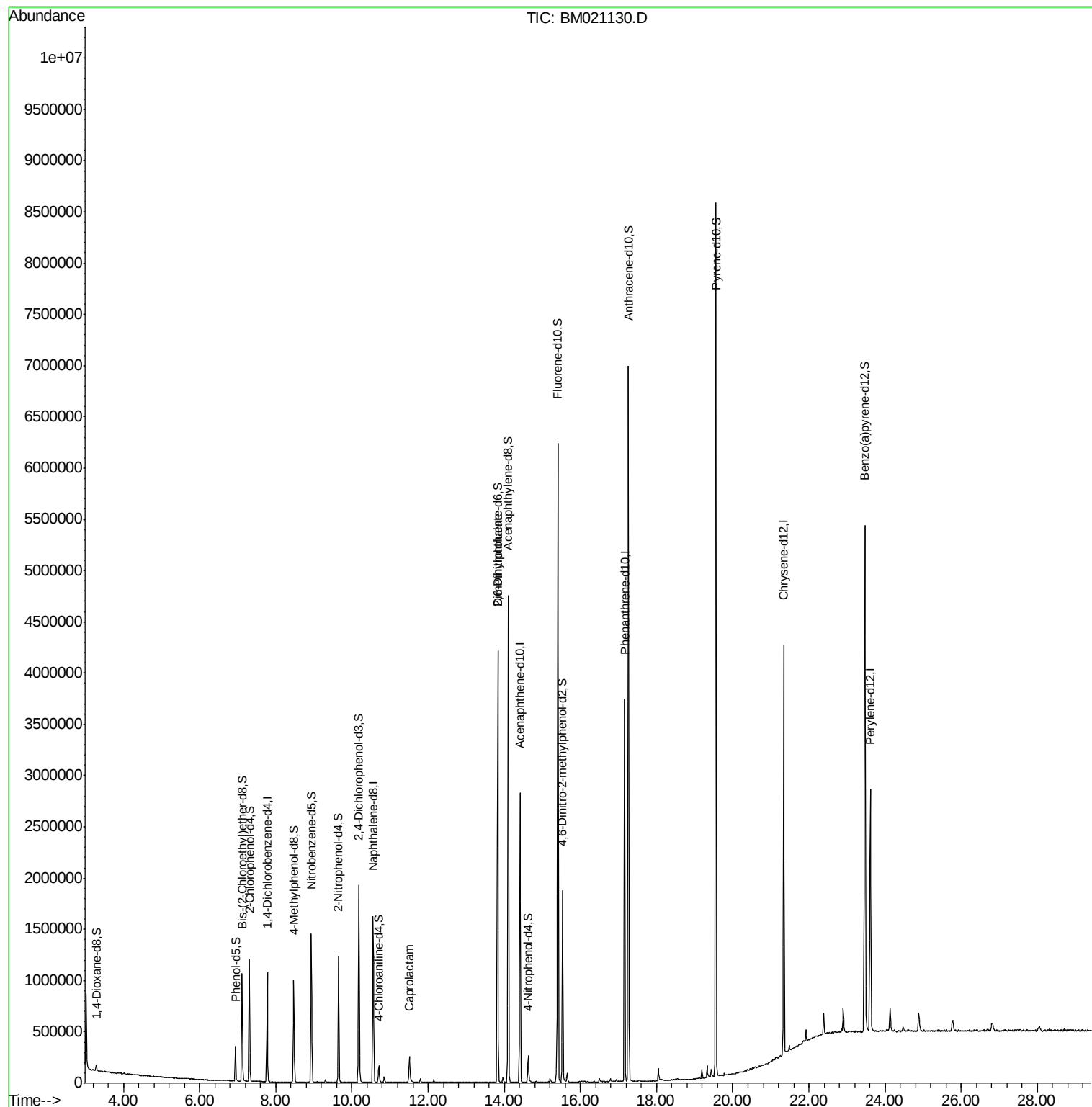
| Target Compounds       |       |     |       |              | Qvalue |
|------------------------|-------|-----|-------|--------------|--------|
| 32) Caprolactam        | 11.51 | 113 | 64355 | 9.946 ng/ul  | 97     |
| 45) 2,6-Dinitrotoluene | 13.83 | 165 | 21617 | 1.478 ng/ul# | 43     |

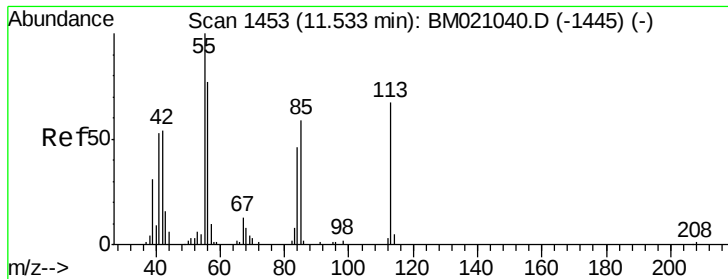
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 03:45:02 2019  
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#32

Caprolactam

Concen: 9.946 ng/ul

RT: 11.51 min Scan# 1449

Delta R.T. -0.02 min

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Acq: 23 Jun 2019 12:06

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BNA\_M

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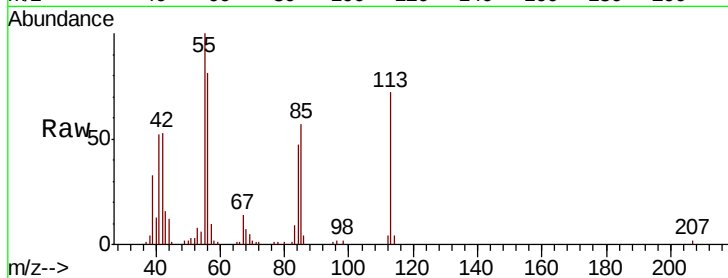
Tgt Ion:113 Resp: 64355

Ion Ratio Lower Upper

113 100

55 139.8 115.8 173.6

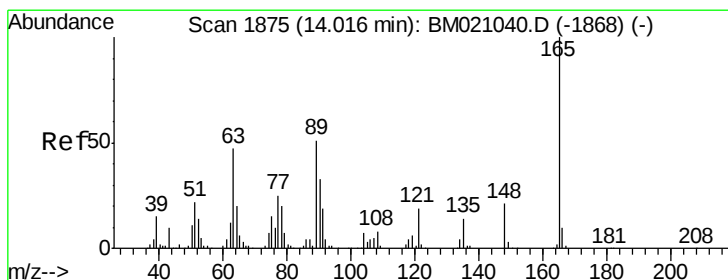
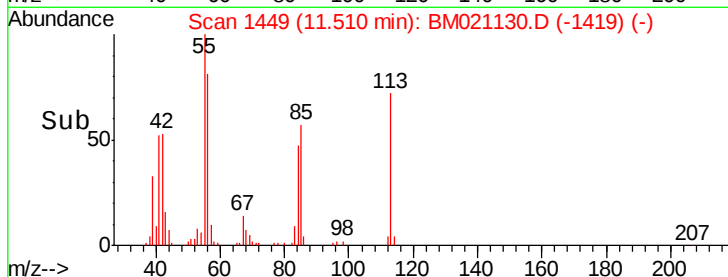
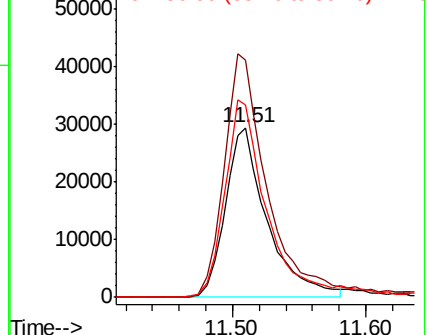
56 113.1 91.0 136.6



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



#45

2,6-Dinitrotoluene

Concen: 1.478 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.18 min

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Acq: 23 Jun 2019 12:06

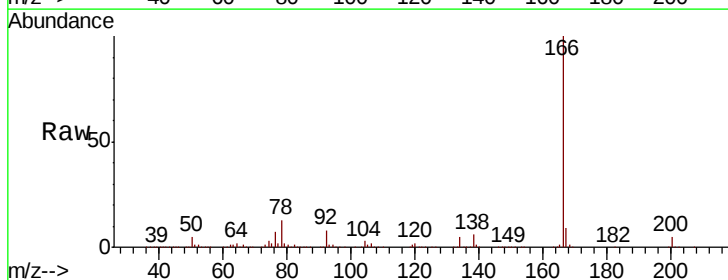
Tgt Ion:165 Resp: 21617

Ion Ratio Lower Upper

165 100

89 0.0 43.6 65.4#

121 24.3 16.5 24.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

