

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\  
 Data File : BM027097.D  
 Acq On : 14 Aug 2020 21:32  
 Operator : JU/CG  
 Sample : PB130931BL  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK31

Quant Time: Aug 17 01:23:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM080720MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 13 11:47:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 117890   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 424375   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.27 | 164  | 269127   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.02 | 188  | 589692   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.21 | 240  | 648845   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.41 | 264  | 660247   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 18344   | 7.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 349391  | 38.11 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 229096  | 36.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 277986  | 38.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 270378  | 37.83 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 129209  | 38.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 143427  | 41.15 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 298258  | 40.71 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.54 | 131 | 344292  | 40.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.69 | 166 | 868774  | 40.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.96 | 160 | 1048121 | 40.99 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 130747  | 36.09 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.27 | 176 | 746867  | 39.93 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 93743   | 29.10 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.12 | 188 | 1192611 | 41.05 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.42 | 212 | 1389528 | 42.94 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.27 | 264 | 1543106 | 41.87 | ng/ul | 0.00 |

## Target Compounds

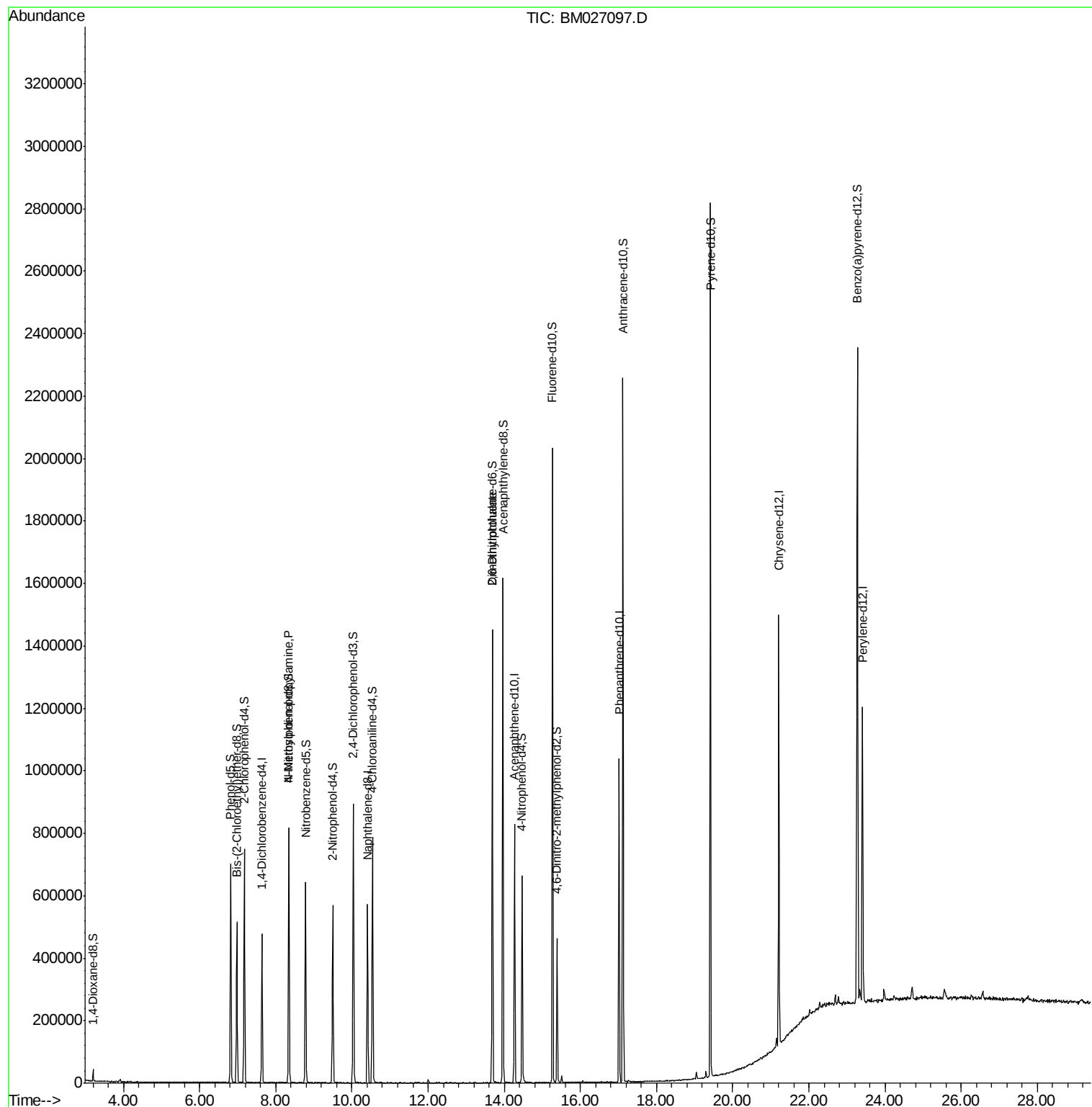
|                                |       |     |      |       | Ovalue |    |
|--------------------------------|-------|-----|------|-------|--------|----|
| 15) N-Nitroso-di-n-propylamine | 8.34  | 70  | 9607 | 1.379 | ng/ul# | 1  |
| 46) 2,6-Dinitrotoluene         | 13.69 | 165 | 5668 | 1.324 | ng/ul# | 26 |

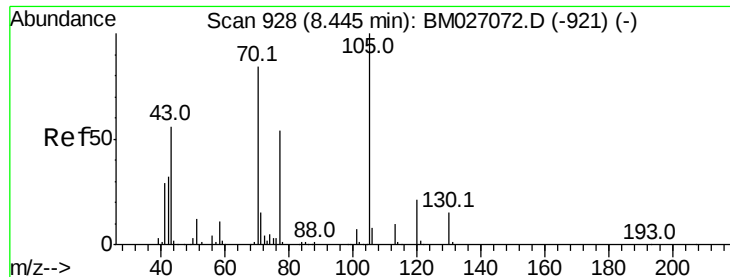
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 1.379 ng/ul

RT: 8.34 min Scan# 910

Delta R.T. -0.11 min

Lab File: BM027097.D

Acq: 14 Aug 2020 21:32

Instrument :

BNA\_M

ClientSampleId :

SBLK31

Tot Ion: 70 Resp: 9607

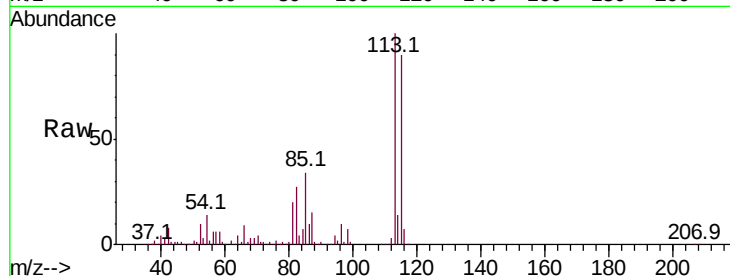
Ion Ratio Lower Upper

70 100

42 229.4 34.2 51.2#

101 0.0 6.8 10.2#

130 0.0 15.1 22.7#

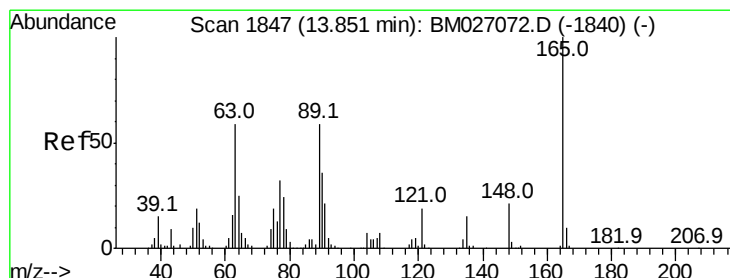
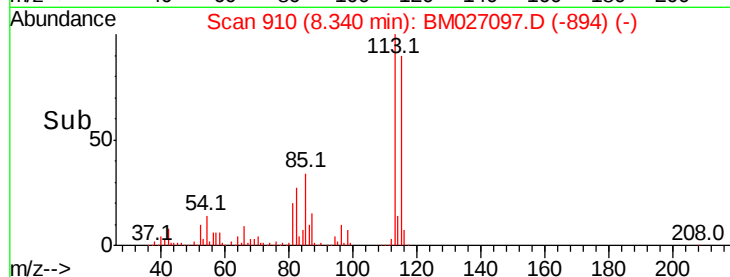
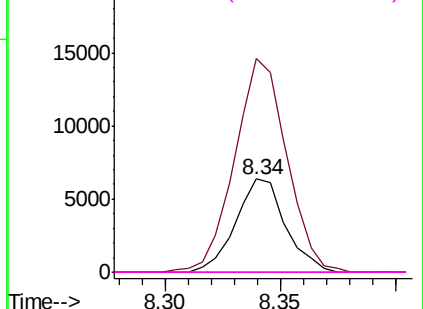


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#46

2,6-Dinitrotoluene

Concen: 1.324 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.15 min

Lab File: BM027097.D

Acq: 14 Aug 2020 21:32

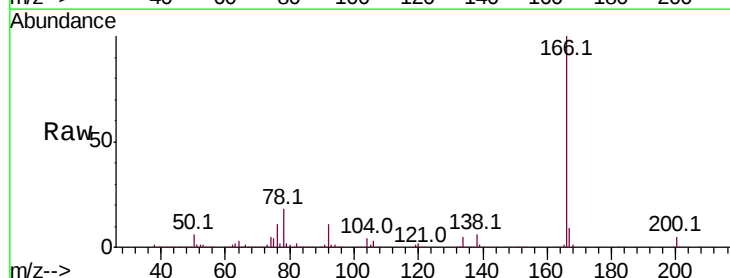
Tgt Ion:165 Resp: 5668

Ion Ratio Lower Upper

165 100

89 0.0 56.1 84.1#

121 40.4 17.9 26.9#



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

