

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062319\  
 Data File : BM021131.D  
 Acq On : 23 Jun 2019 12:42  
 Operator : HP/JU  
 Sample : K3226-06  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFCP8

Quant Time: Jun 24 00:55:12 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  | 274531   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.56 | 136  | 1228847  | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 14.41 | 164  | 824029   | 20.00 | ng/ul | -0.02    |
| 61) Phenanthrene-d10      | 17.16 | 188  | 2061658  | 20.00 | ng/ul | -0.01    |
| 77) Chrysene-d12          | 21.34 | 240  | 2053647  | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.61 | 264  | 2050948  | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 31231   | 5.40  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.94  | 99  | 186727  | 7.81  | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.11  | 67  | 437842  | 30.76 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 525351  | 27.06 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8          | 8.47  | 113 | 379202  | 19.01 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 336308  | 33.70 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 395788  | 35.73 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 775577  | 34.44 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 10.71 | 131 | 70295   | 2.99  | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6       | 13.83 | 166 | 2788311 | 37.45 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8          | 14.10 | 160 | 3320684 | 36.43 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4           | 14.62 | 143 | 73495   | 6.07  | ng/ul | -0.01 |
| 57) Fluorene-d10               | 15.41 | 176 | 2444220 | 37.74 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 412088  | 32.52 | ng/ul | -0.01 |
| 70) Anthracene-d10             | 17.26 | 188 | 3929906 | 36.68 | ng/ul | -0.02 |
| 78) Pyrene-d10                 | 19.56 | 212 | 4560549 | 37.01 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.47 | 264 | 4535453 | 37.48 | ng/ul | -0.01 |

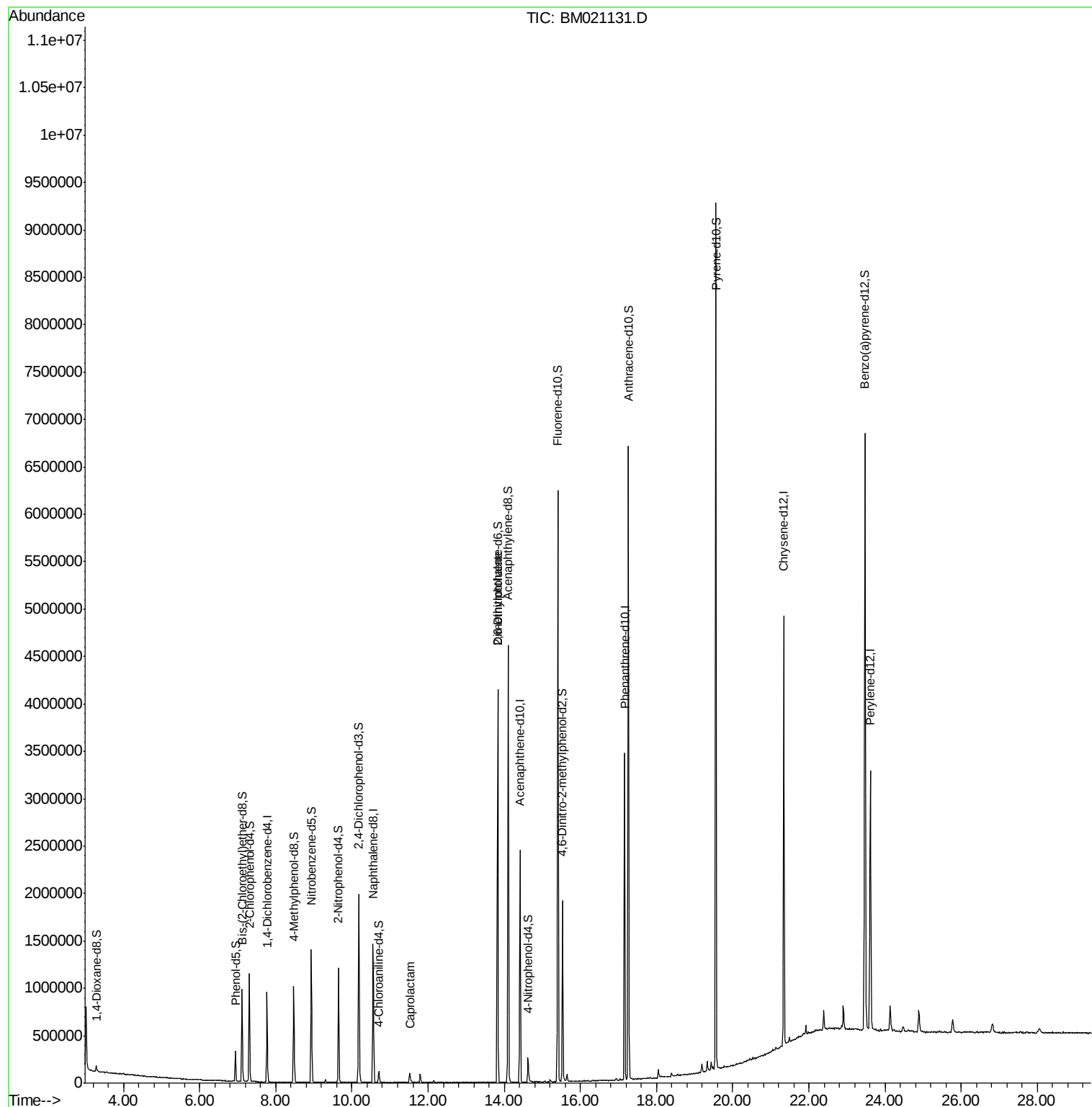
| Target Compounds       |       |     |       |              | Qvalue |
|------------------------|-------|-----|-------|--------------|--------|
| 32) Caprolactam        | 11.52 | 113 | 28233 | 4.898 ng/ul  | 97     |
| 45) 2,6-Dinitrotoluene | 13.83 | 165 | 20177 | 1.560 ng/ul# | 41     |

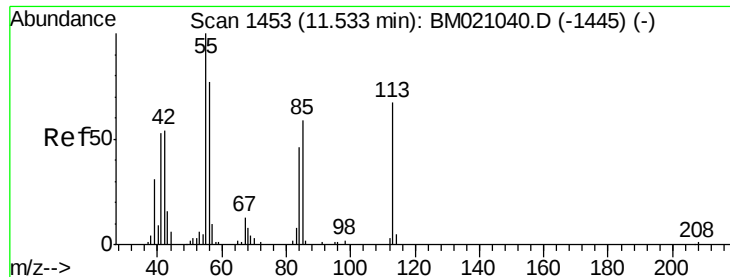
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM062319\  
Data File : BM021131.D  
Acq On : 23 Jun 2019 12:42  
Operator : HP/JU  
Sample : K3226-06  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFCP8

Quant Time: Jun 24 00:55:12 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





#32

Caprolactam

Concen: 4.898 ng/ul

RT: 11.52 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BM021131.D

Acq: 23 Jun 2019 12:42

Instrument :

BNA\_M

ClientSampleId :

BFCP8

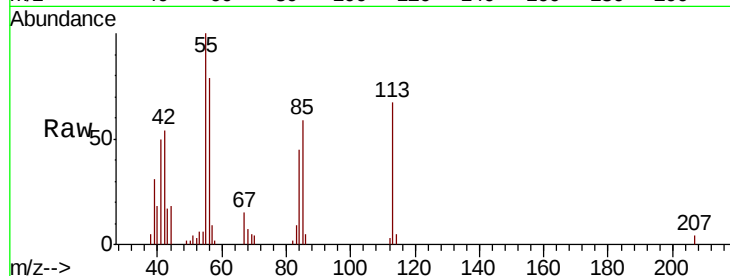
Tgt Ion:113 Resp: 28233

Ion Ratio Lower Upper

113 100

55 148.7 115.8 173.6

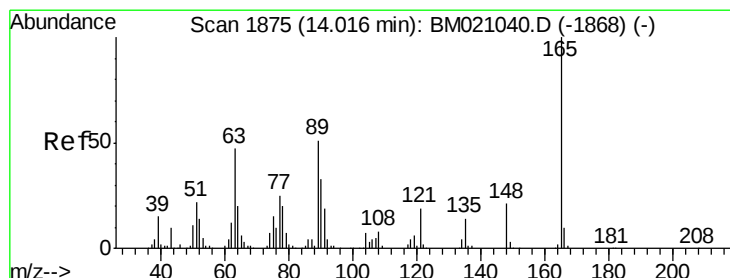
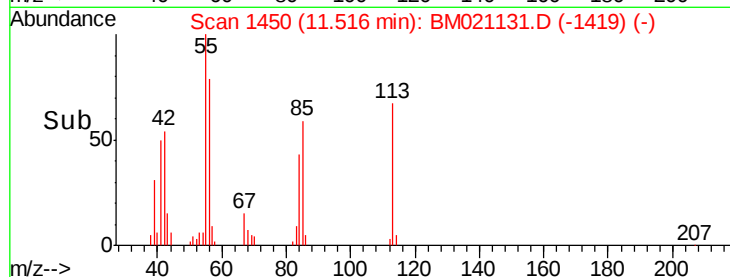
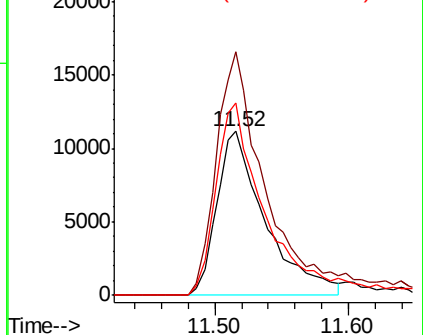
56 117.7 91.0 136.6



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: 1.560 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.19 min

Lab File: BM021131.D

Acq: 23 Jun 2019 12:42

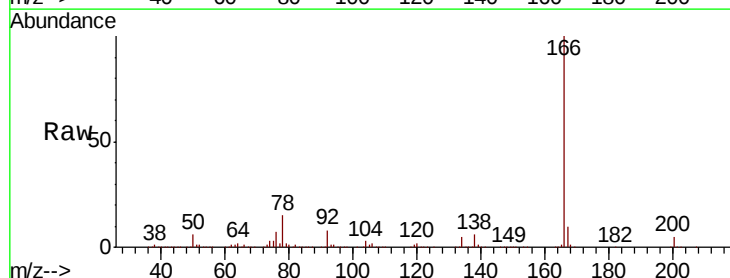
Tgt Ion:165 Resp: 20177

Ion Ratio Lower Upper

165 100

89 0.0 43.6 65.4#

121 27.3 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

