

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\  
 Data File : BM021383.D  
 Acq On : 04 Jul 2019 01:42  
 Operator : HP/JU  
 Sample : K3462-15  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFCQ0

Quant Time: Jul 04 02:20:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 01:58:18 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 219333   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.53 | 136  | 986173   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.39 | 164  | 639898   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 1369059  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.33 | 240  | 976994   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.59 | 264  | 1144570  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 26916   | 5.83  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.93  | 99  | 149276  | 7.82  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.09  | 67  | 322490  | 28.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.28  | 132 | 407142  | 26.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 285393  | 17.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.91  | 128 | 256818  | 32.07 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.63  | 143 | 300027  | 33.75 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.16 | 165 | 570763  | 31.58 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.69 | 131 | 22476   | 1.19  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.80 | 166 | 1954125 | 33.80 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.08 | 160 | 2309024 | 32.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 41139   | 4.37  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.39 | 176 | 1696773 | 33.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 199096  | 23.66 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 2493342 | 35.05 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.53 | 212 | 2266928 | 38.67 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.45 | 264 | 2344377 | 34.72 | ng/ul | 0.00 |

## Target Compounds

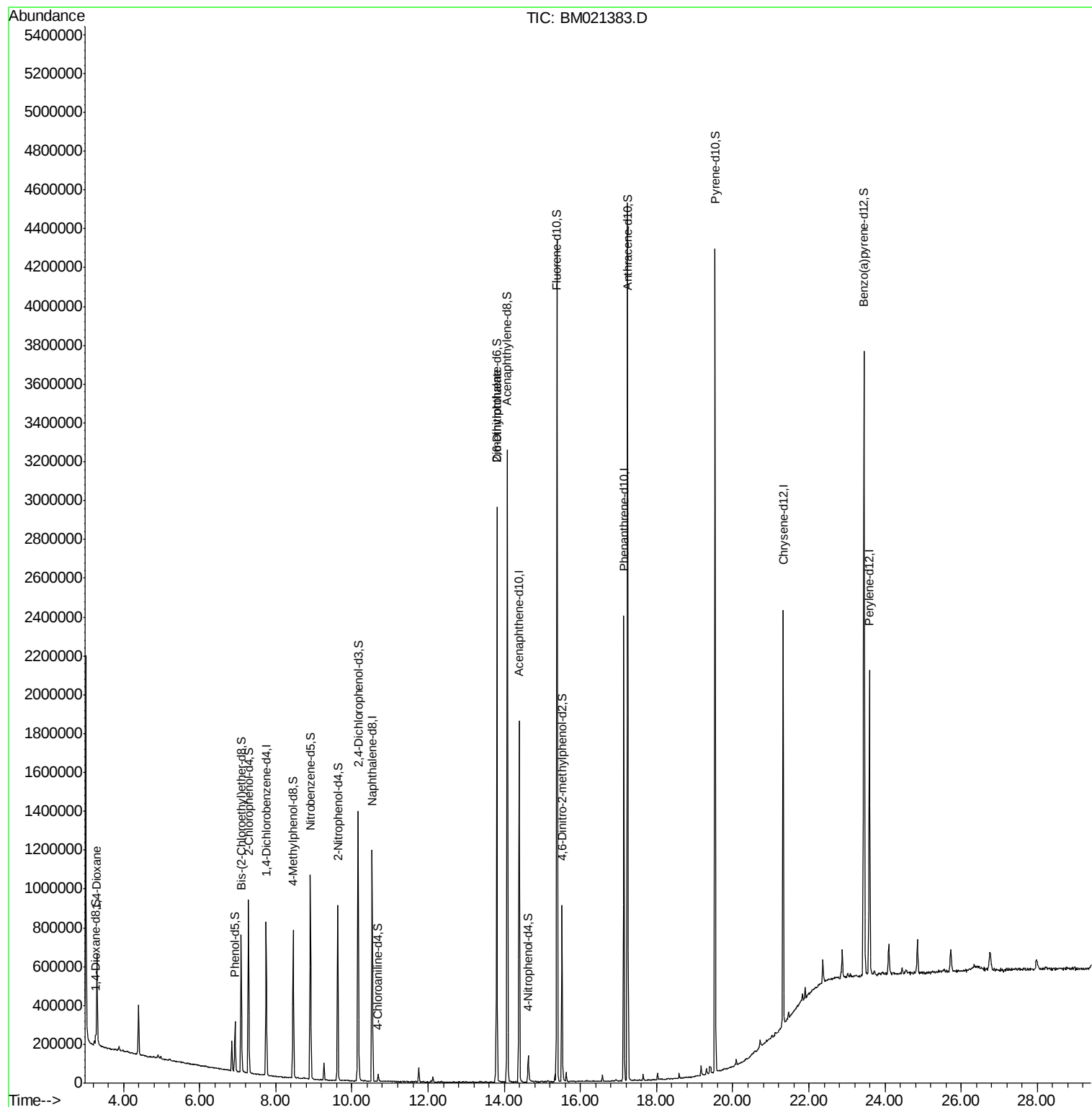
|                        |       |     |        | Ovalue |           |
|------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane         | 3.30  | 88  | 264431 | 56.575 | ng/uL# 95 |
| 45) 2,6-Dinitrotoluene | 13.80 | 165 | 13431  | 1.337  | ng/ul# 36 |

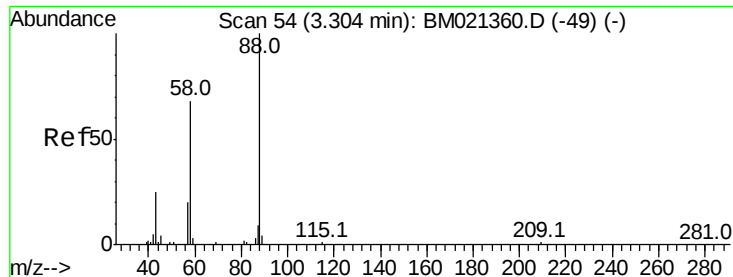
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 56.575 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. -0.00 min

Lab File: BM021383.D

Acq: 04 Jul 2019 01:42

Instrument :

BNA\_M

ClientSampleId :

BFCQ0

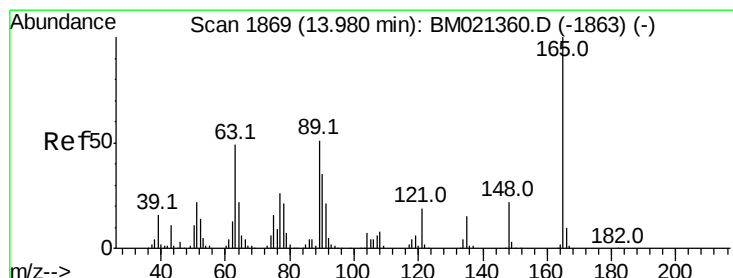
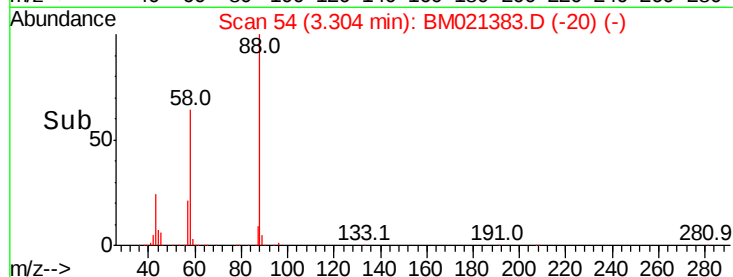
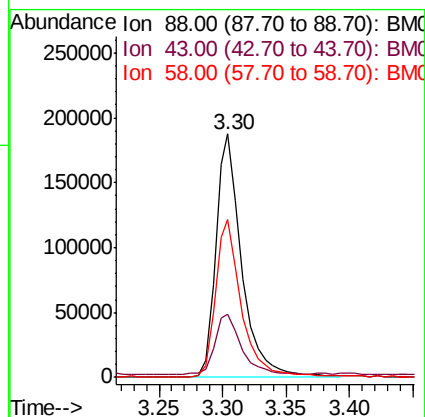
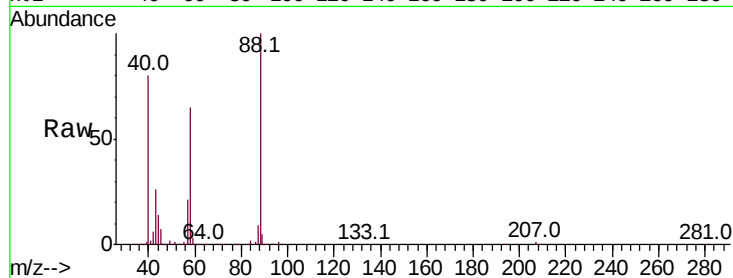
Tot Ion: 88 Resp: 264431

Ion Ratio Lower Upper

88 100

43 26.0 26.7 40.1#

58 64.7 52.6 78.8



#45

2,6-Dinitrotoluene

Concen: 1.337 ng/uL

RT: 13.80 min Scan# 1839

Delta R.T. -0.18 min

Lab File: BM021383.D

Acq: 04 Jul 2019 01:42

Tgt Ion:165 Resp: 13431

Ion Ratio Lower Upper

165 100

89 0.0 43.6 65.4#

121 36.5 16.5 24.7#

