

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\  
 Data File : BM021251.D  
 Acq On : 29 Jun 2019 03:09  
 Operator : HP/JU  
 Sample : K3381-16DL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFCK9DL

Quant Time: Jun 29 04:19:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 05:07:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 281080   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.55 | 136  | 1173146  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 741216   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.15 | 188  | 1577050  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.33 | 240  | 1341296  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.60 | 264  | 1553262  | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |        |      |       |       |
|--------------------------------|-------|-----|--------|------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96  | 8238   | 1.39 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.93  | 99  | 25022  | 1.02 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67  | 72360  | 4.96 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.29  | 132 | 79274  | 3.99 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.46  | 113 | 48498  | 2.37 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.92  | 128 | 48907  | 5.13 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.64  | 143 | 48995  | 4.63 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.17 | 165 | 93846  | 4.36 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.71 | 131 | 7385   | 0.33 | ng/ul | 0.01  |
| 43) Dimethylphthalate-d6       | 13.82 | 166 | 383064 | 5.72 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 420239 | 5.13 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.64 | 143 | 4154   | 0.38 | ng/ul | 0.02  |
| 57) Fluorene-d10               | 15.40 | 176 | 328421 | 5.64 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 21579  | 2.23 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.24 | 188 | 487862 | 5.95 | ng/ul | -0.01 |
| 78) Pyrene-d10                 | 19.54 | 212 | 506065 | 6.29 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.45 | 264 | 553576 | 6.04 | ng/ul | -0.02 |

## Target Compounds

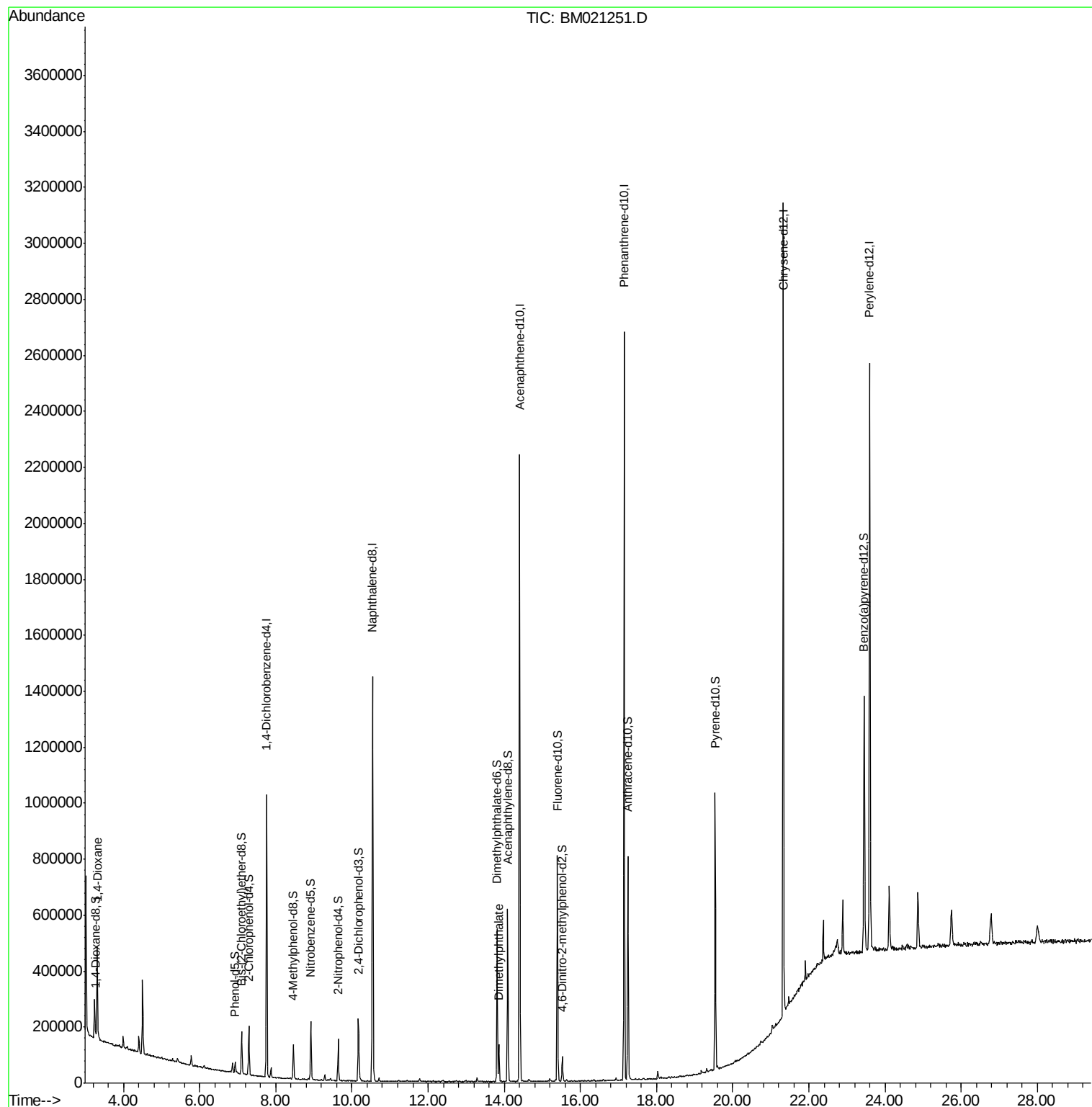
|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane        | 3.31  | 88  | 166858 | 27.857 | ng/uL# 94 |
| 44) Dimethylphthalate | 13.86 | 163 | 88215  | 1.447  | ng/ul 99  |

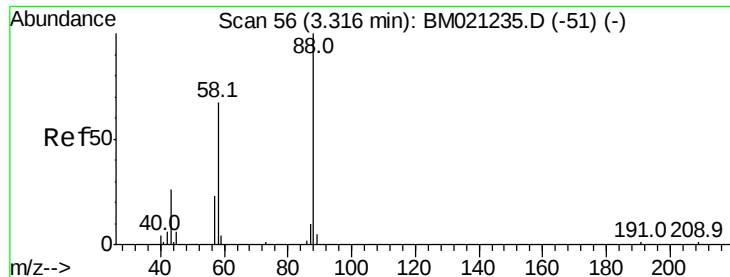
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 27.857 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. -0.01 min

Lab File: BM021251.D

Acq: 29 Jun 2019 03:09

Instrument :

BNA\_M

ClientSampleId :

BFCK9DL

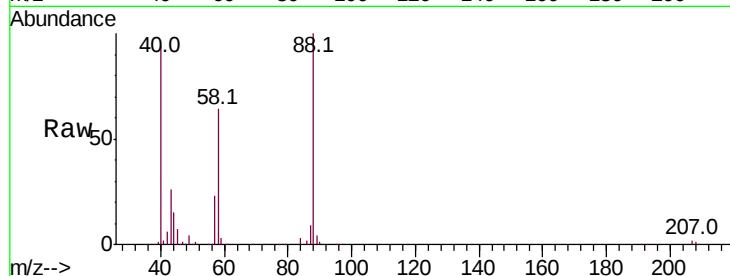
Tot Ion: 88 Resp: 166858

Ion Ratio Lower Upper

88 100

43 26.1 26.7 40.1#

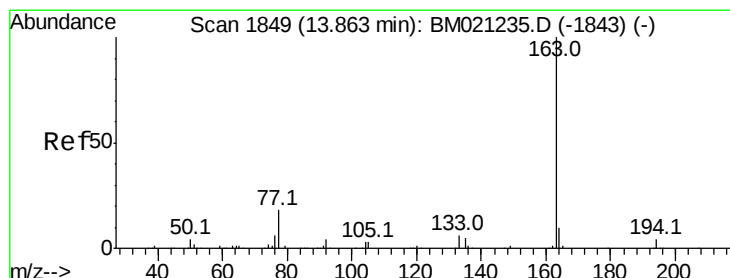
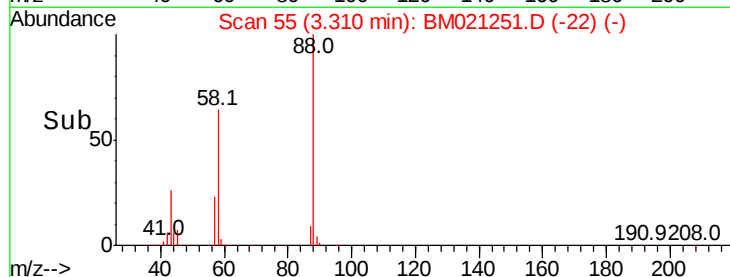
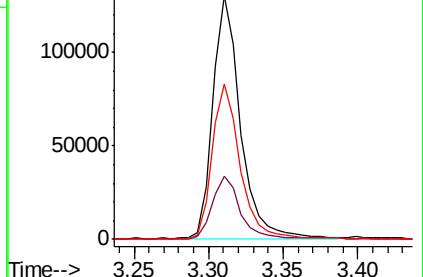
58 64.0 52.6 78.8



Abundance Ion 88.00 (87.70 to 88.70): BM021235.D (-51) (-)

Ion 43.00 (42.70 to 43.70): BM021235.D (-51) (-)

Ion 58.00 (57.70 to 58.70): BM021235.D (-51) (-)



#44

Dimethylphthalate

Concen: 1.447 ng/uL

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021251.D

Acq: 29 Jun 2019 03:09

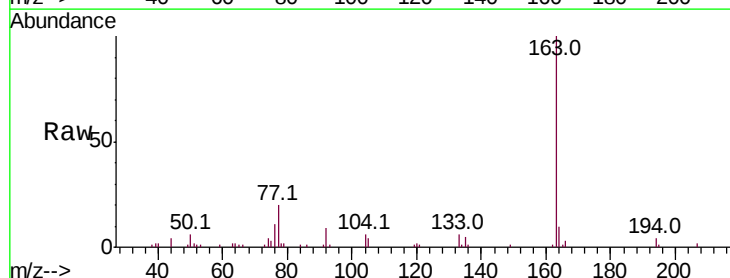
Tgt Ion: 163 Resp: 88215

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.9 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): BM021235.D (-1843) (-)

Ion 194.00 (193.70 to 194.70): BM021235.D (-1843) (-)

Ion 164.00 (163.70 to 164.70): BM021235.D (-1843) (-)

