

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\  
 Data File : BM021535.D  
 Acq On : 18 Jul 2019 22:10  
 Operator : HP/JU  
 Sample : K3822-03  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 HD-02-071119

Quant Time: Jul 19 00:44:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM070819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 19 00:39:42 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 167828   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 669152   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.36 | 164  | 373839   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.11 | 188  | 801233   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.30 | 240  | 743699   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.56 | 264  | 875523   | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 21181   | 6.22  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.89  | 99  | 107972  | 8.27  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 241483  | 31.21 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 292681  | 26.06 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 200233  | 19.26 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 178578  | 32.40 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.59  | 143 | 200901  | 32.23 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 366140  | 29.45 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.67 | 131 | 41261   | 3.67  | ng/ul | 0.01  |
| 43) Dimethylphthalate-d6       | 13.77 | 166 | 1184873 | 36.19 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.05 | 160 | 1368992 | 33.30 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.60 | 143 | 21550   | 4.15  | ng/ul | 0.01  |
| 57) Fluorene-d10               | 15.36 | 176 | 1008744 | 34.52 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.49 | 200 | 126873  | 23.56 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.21 | 188 | 1524616 | 36.63 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.51 | 212 | 1675321 | 41.05 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.41 | 264 | 1877361 | 37.28 | ng/ul | -0.01 |

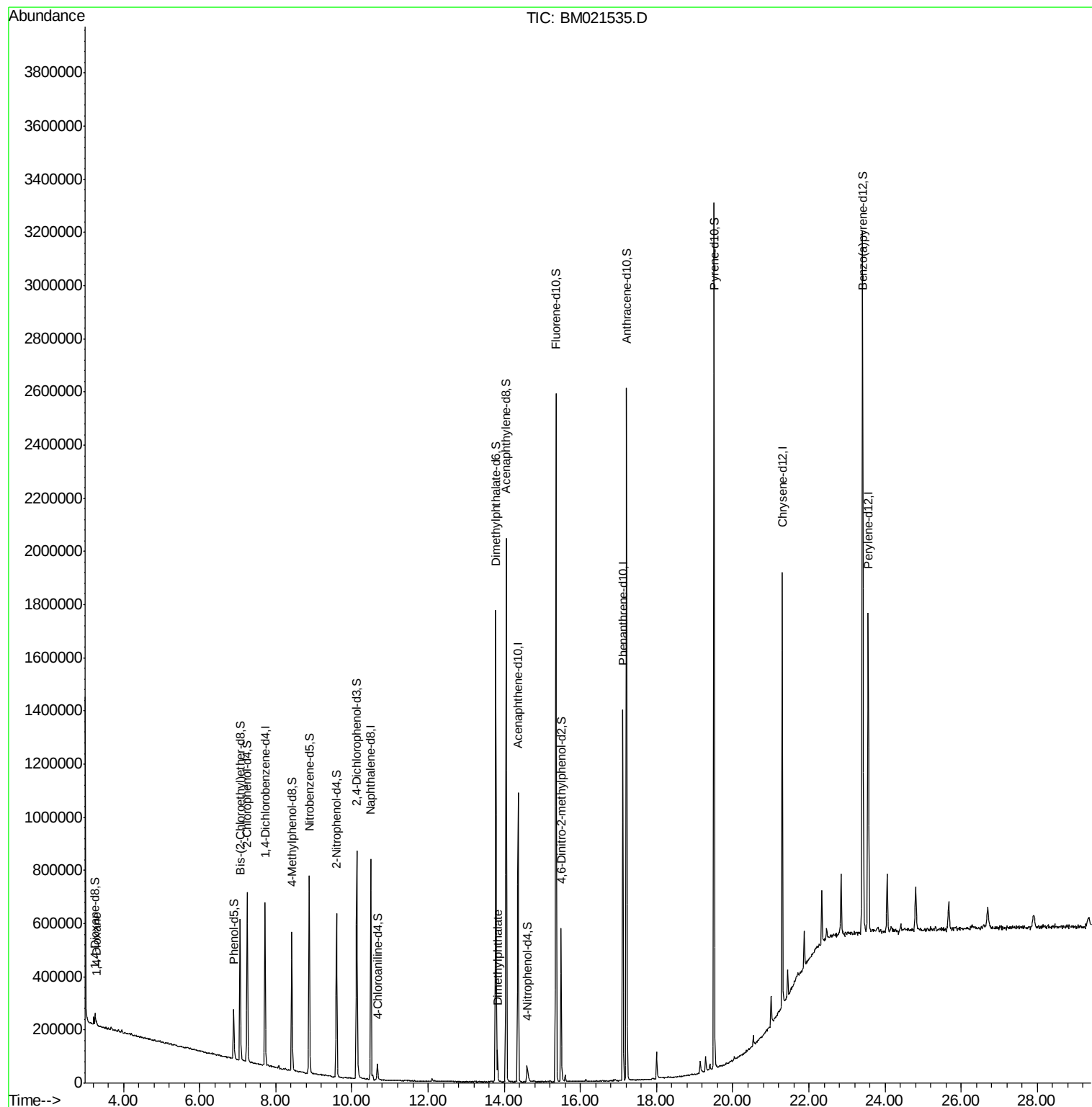
|                       |       |     |       |       |        |    |
|-----------------------|-------|-----|-------|-------|--------|----|
| Target Compounds      |       |     |       |       | Ovalue |    |
| 2) 1,4-Dioxane        | 3.29  | 88  | 8805  | 2.459 | ng/uL# | 89 |
| 44) Dimethylphthalate | 13.82 | 163 | 77011 | 2.526 | ng/ul  | 99 |

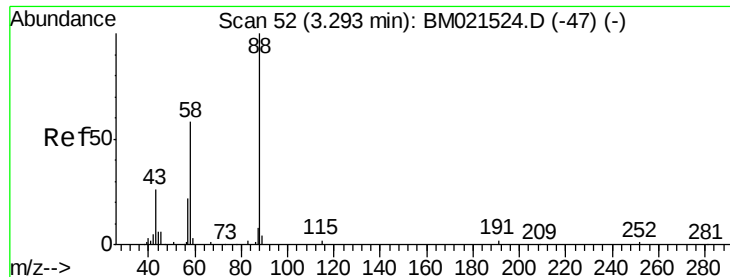
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.459 ng/uL

RT: 3.29 min Scan# 52

Delta R.T. -0.00 min

Lab File: BM021535.D

Acq: 18 Jul 2019 22:10

Instrument :

BNA\_M

ClientSampleId :

HD-02-071119

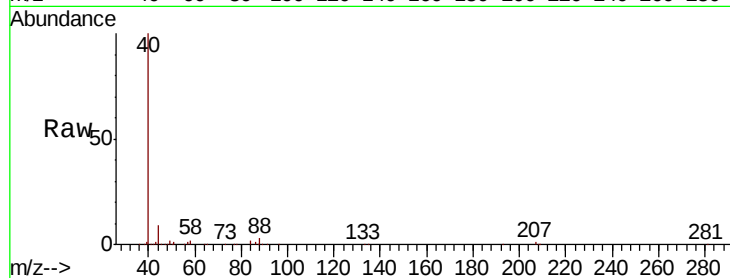
Tot Ion: 88 Resp: 8805

Ion Ratio Lower Upper

88 100

43 38.8 23.4 35.2#

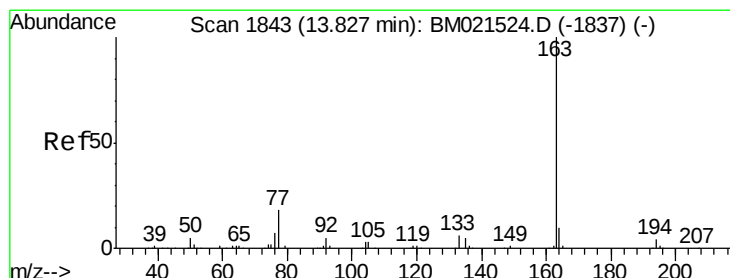
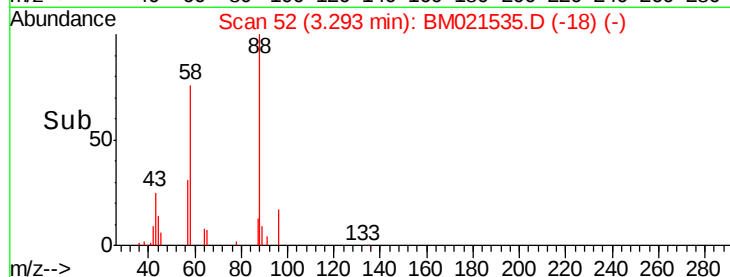
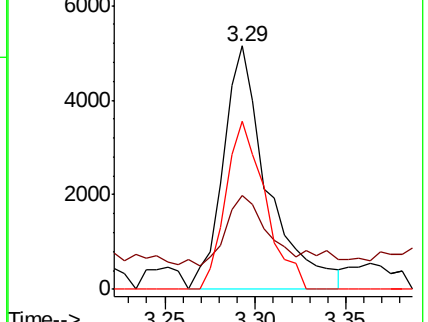
58 69.2 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): BM021524.D (-47) (-)

Ion 43.00 (42.70 to 43.70): BM021524.D (-47) (-)

Ion 58.00 (57.70 to 58.70): BM021524.D (-47) (-)



#44

Dimethylphthalate

Concen: 2.526 ng/uL

RT: 13.82 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BM021535.D

Acq: 18 Jul 2019 22:10

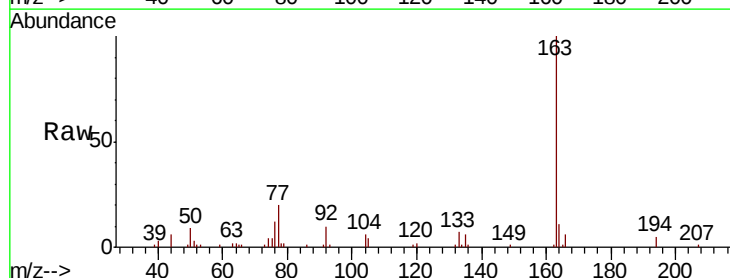
Tgt Ion: 163 Resp: 77011

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

164 10.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): BM021524.D (-1837) (-)

Ion 194.00 (193.70 to 194.70): BM021524.D (-1837) (-)

Ion 164.00 (163.70 to 164.70): BM021524.D (-1837) (-)

