

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\  
 Data File : BM027262.D  
 Acq On : 26 Aug 2020 23:51  
 Operator : JU/CG  
 Sample : L3776-14  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F4Y13

Quant Time: Aug 27 00:37:00 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM082520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 25 15:35:13 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 156725   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.36 | 136  | 614777   | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.23 | 164  | 425597   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 16.98 | 188  | 958585   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.18 | 240  | 878232   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.36 | 264  | 712116   | 20.00 | ng/ul | -0.02    |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 18943   | 6.85  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 111852  | 8.80  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 251648  | 30.60 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 270364  | 27.62 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 134341  | 13.17 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 150493  | 30.55 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 178924  | 31.50 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 52754   | 4.55  | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 72234   | 5.79  | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.65 | 166 | 1197657 | 35.47 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.92 | 160 | 1377704 | 34.51 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4           | 14.44 | 143 | 49027   | 8.61  | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.23 | 176 | 1024239 | 35.14 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 166334  | 26.60 | ng/ul | -0.02 |
| 71) Anthracene-d10             | 17.08 | 188 | 1760560 | 38.69 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.38 | 212 | 1982065 | 39.13 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.22 | 264 | 1528951 | 38.51 | ng/ul | -0.02 |

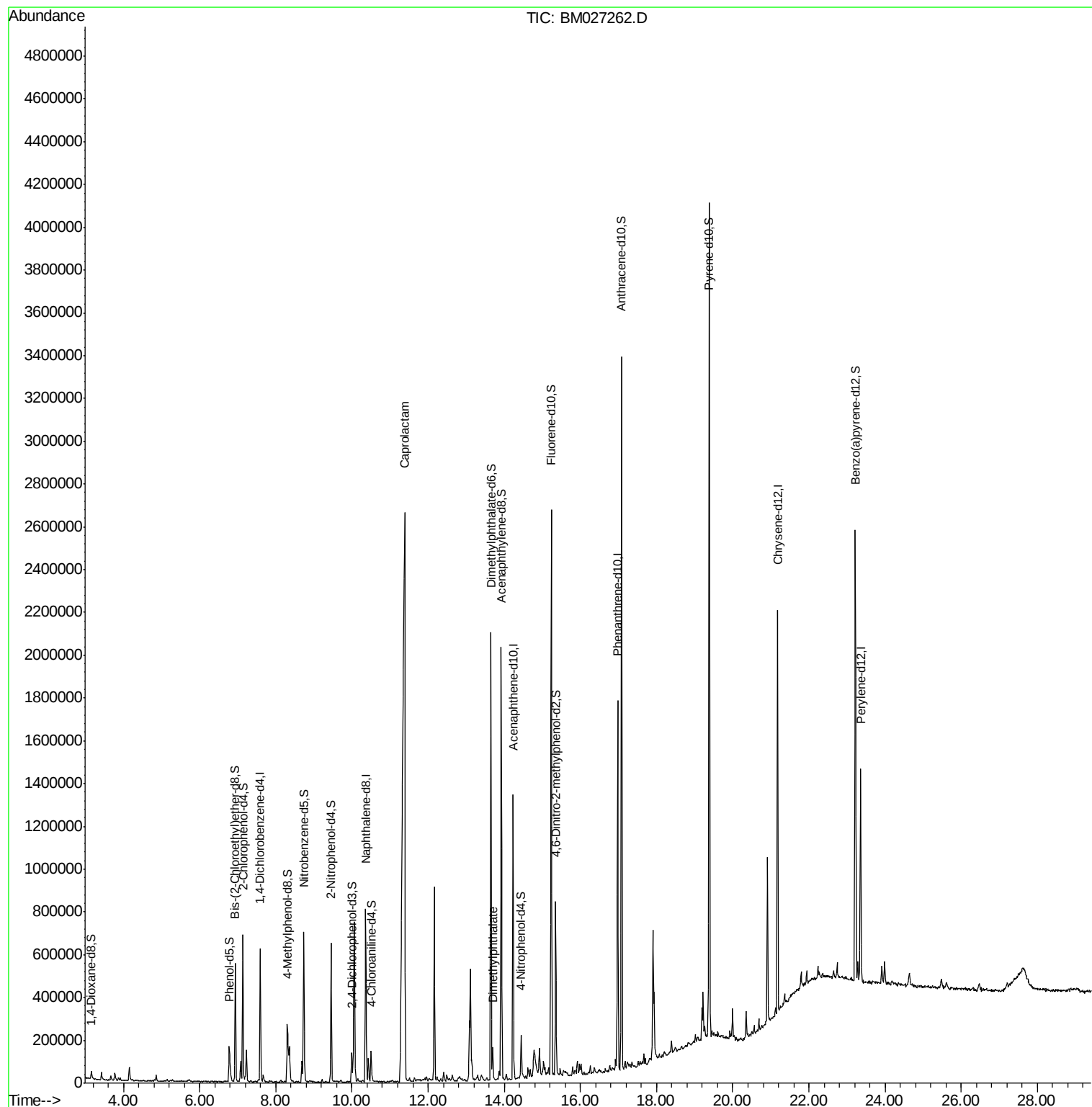
|                       |       |     |         |         |        |    |
|-----------------------|-------|-----|---------|---------|--------|----|
| Target Compounds      |       |     |         |         | Ovalue |    |
| 32) Caprolactam       | 11.39 | 113 | 1329785 | 394.231 | ng/ul  | 99 |
| 45) Dimethylphthalate | 13.70 | 163 | 85281   | 2.433   | ng/ul  | 99 |

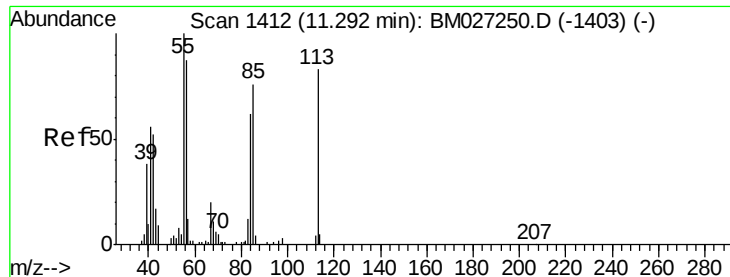
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#32

Caprolactam

Concen: 394.231 ng/ul

RT: 11.39 min Scan# 1428

Delta R.T. 0.09 min

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BNA\_M

ClientSampleId :

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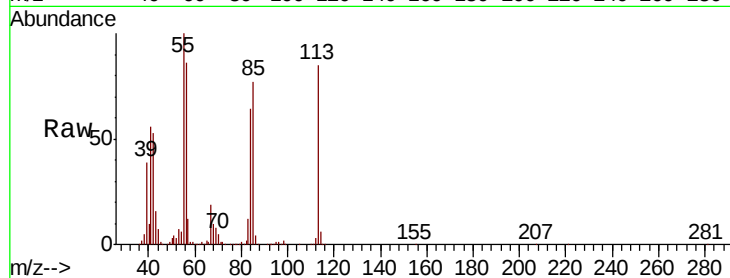
Tot Ion:113 Resp: 1329785

Ion Ratio Lower Upper

113 100

55 118.1 94.0 141.0

56 101.7 82.4 123.6



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

500000

400000

300000

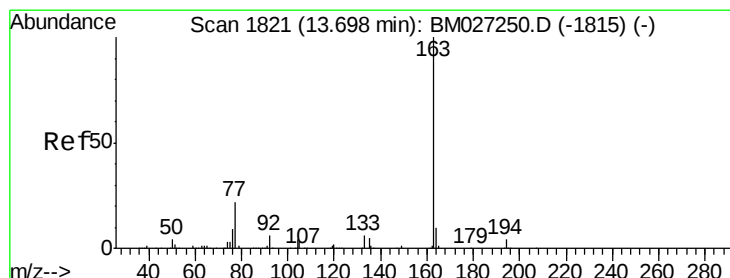
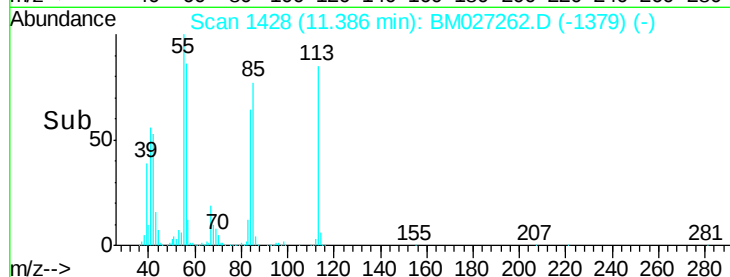
200000

100000

0

11.20 11.30 11.40

Time-->



#45

Dimethylphthalate

Concen: 2.433 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

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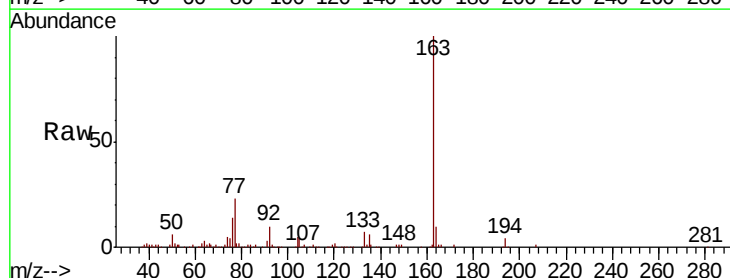
Tgt Ion:163 Resp: 85281

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

80000

60000

40000

20000

0

13.65 13.70 13.75

Time-->

