

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092322\  
 Data File : BM036703.D  
 Acq On : 24 Sep 2022 07:18  
 Operator : CG/JU  
 Sample : N4649-21  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXZ41

Quant Time: Sep 26 01:08:44 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 24 00:41:16 2022  
 Response via : Initial Calibration

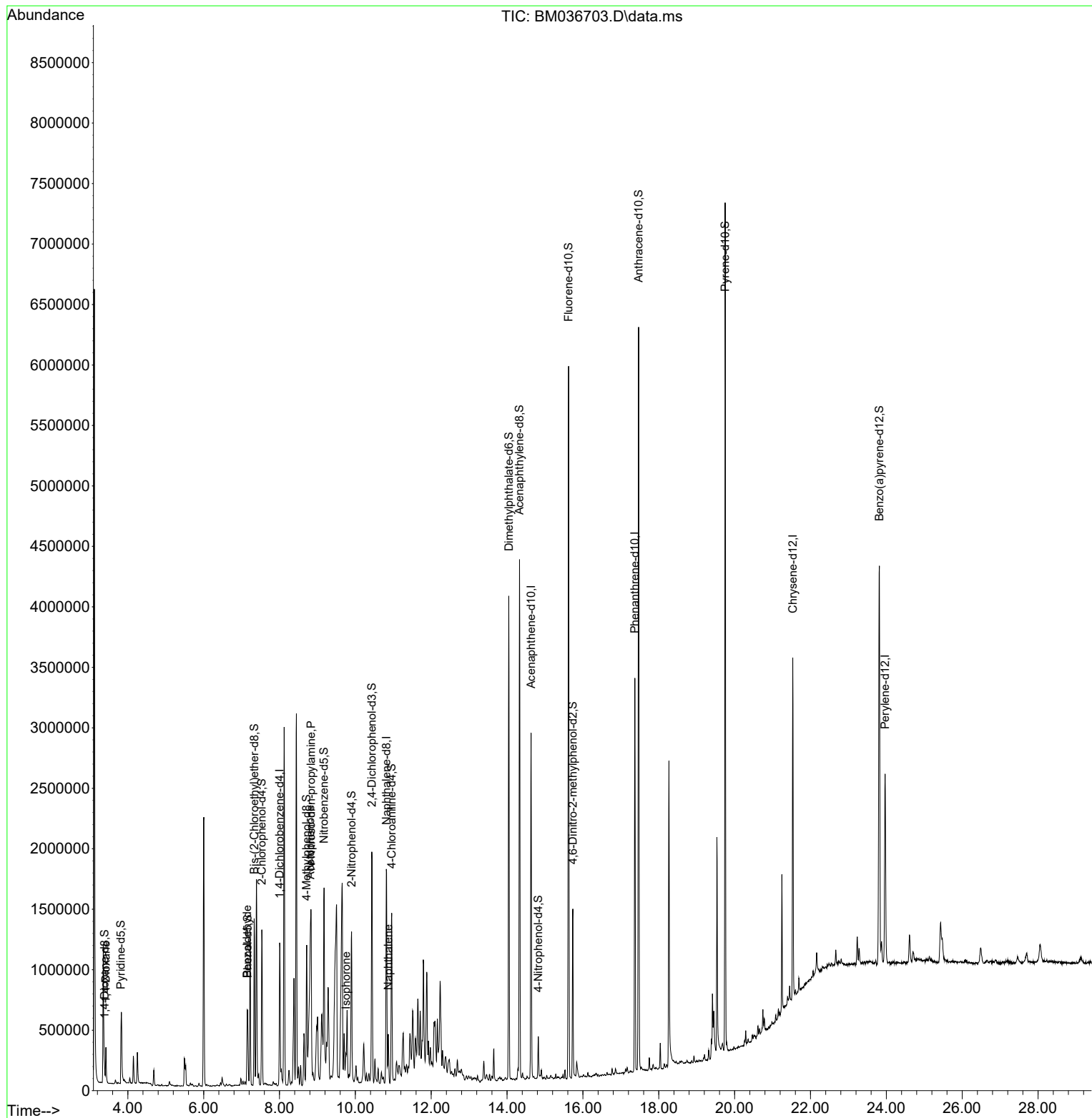
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.004  | 152  | 314804   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.816 | 136  | 1463859  | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.633 | 164  | 922564   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.368 | 188  | 1803786  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.533 | 240  | 1284876  | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 23.968 | 264  | 1113381  | 20.000 | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 41722    | 4.968  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.816  | 84   | 246500   | 10.065 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.163  | 99   | 209422   | 7.444  | ng/u1  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.334  | 67   | 573349   | 33.559 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.534  | 132  | 586716   | 28.968 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.716  | 113  | 401475   | 19.314 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 9.175  | 128  | 386401   | 38.998 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.898  | 143  | 375487   | 42.309 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.433 | 165  | 668008   | 32.479 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.957 | 131  | 784863   | 22.952 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 2461148  | 39.554 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.327 | 160  | 2745027  | 37.193 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.821 | 143  | 75845    | 6.285  | ng/u1  | -0.01    |
| 60) Fluorene-d10              | 15.621 | 176  | 2172870  | 38.968 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 200  | 251705   | 35.270 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.468 | 188  | 3332034  | 40.401 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.750 | 212  | 3462193  | 54.772 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.815 | 264  | 2351832  | 43.236 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 142674   | 15.772 | ng/uL  | 96       |
| 6) Benzaldehyde               | 7.145  | 77   | 34071    | 2.501  | ng/u1# | 1        |
| 16) Acetophenone              | 8.816  | 105  | 104235   | 2.891  | ng/u1# | 40       |
| 17) N-Nitroso-di-n-propyla... | 8.833  | 70   | 20536    | 1.180  | ng/u1# | 1        |
| 23) Isophorone                | 9.751  | 82   | 141010   | 2.629  | ng/u1  | 99       |
| 30) Naphthalene               | 10.869 | 128  | 317409   | 3.980  | ng/u1  | 99       |
| -----                         |        |      |          |        |        |          |

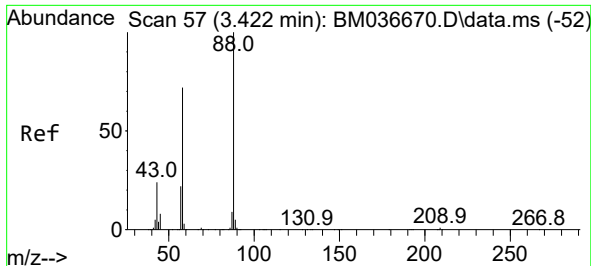
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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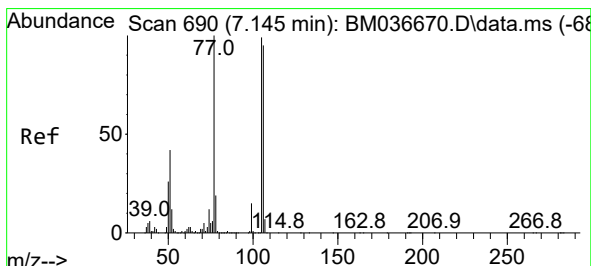
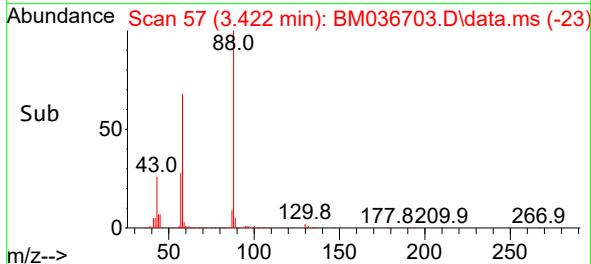
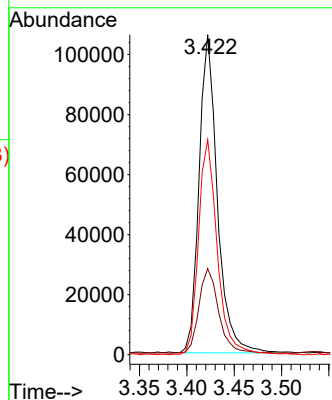
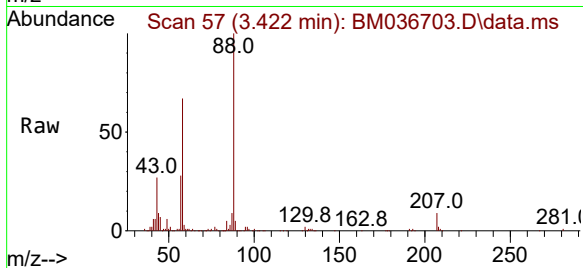




#2  
1,4-Dioxane  
Concen: 15.772 ng/uL  
RT: 3.422 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BM036703.D  
Acq: 24 Sep 2022 07:18

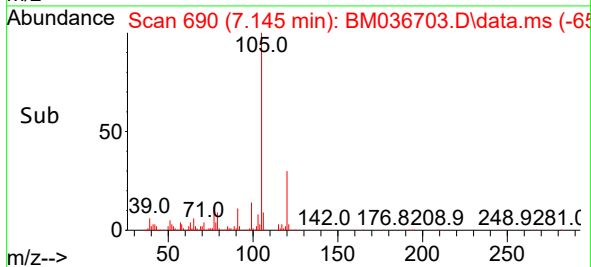
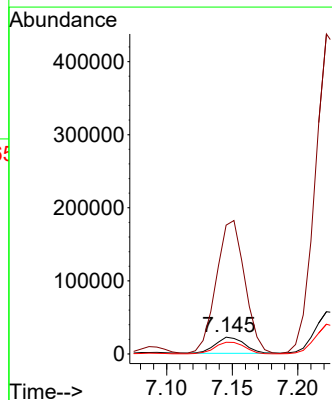
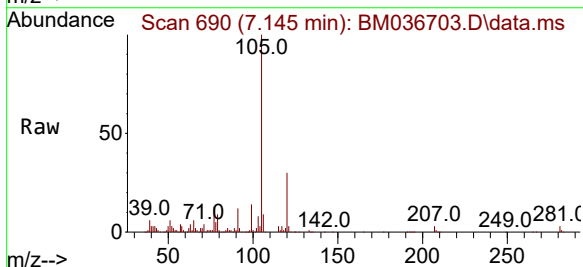
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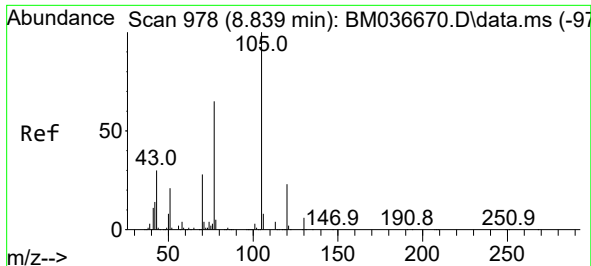
Tgt Ion: 88 Resp: 142674  
Ion Ratio Lower Upper  
88 100  
43 26.9 23.1 34.7  
58 67.2 56.6 85.0



#6  
Benzaldehyde  
Concen: 2.501 ng/uL  
RT: 7.145 min Scan# 690  
Delta R.T. -0.006 min  
Lab File: BM036703.D  
Acq: 24 Sep 2022 07:18

Tgt Ion: 77 Resp: 34071  
Ion Ratio Lower Upper  
77 100  
105 764.2 75.1 112.7#  
106 68.9 73.0 109.6#

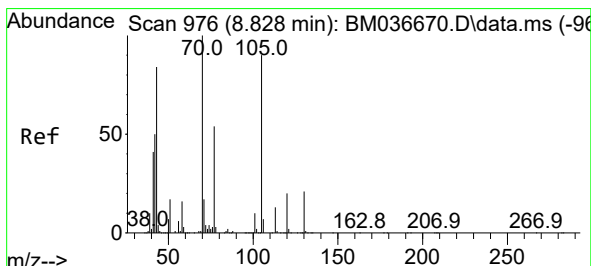
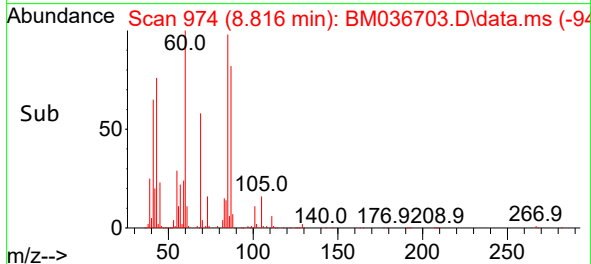
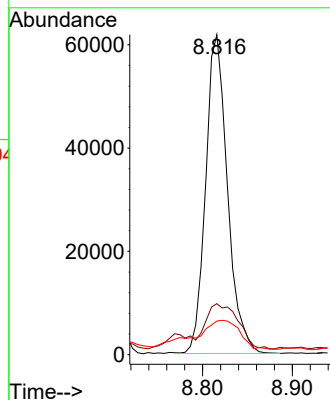
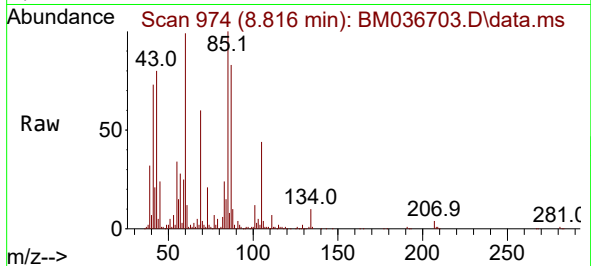




#16  
Acetophenone  
Concen: 2.891 ng/ul  
RT: 8.816 min Scan# 91  
Delta R.T. -0.029 min  
Lab File: BM036703.D  
Acq: 24 Sep 2022 07:18

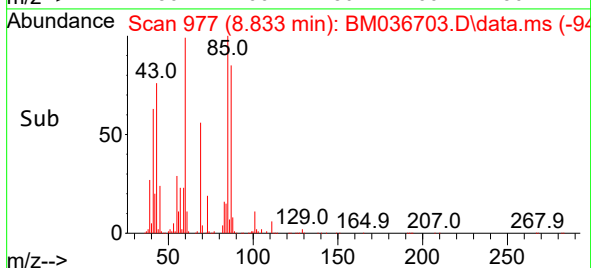
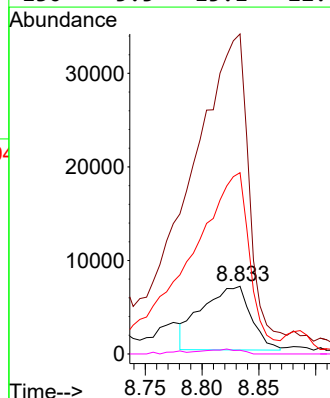
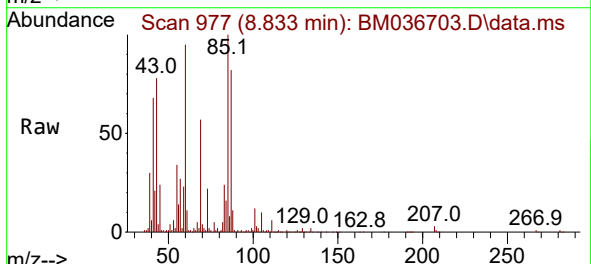
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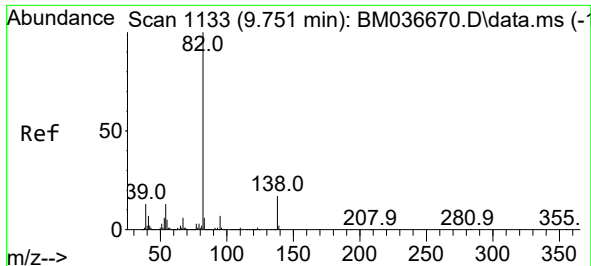
Tgt Ion:105 Resp: 104235  
Ion Ratio Lower Upper  
105 100  
77 15.9 61.6 92.4#  
51 10.5 20.5 30.7#



#17  
N-Nitroso-di-n-propylamine  
Concen: 1.180 ng/ul  
RT: 8.833 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BM036703.D  
Acq: 24 Sep 2022 07:18

Tgt Ion: 70 Resp: 20536  
Ion Ratio Lower Upper  
70 100  
42 472.9 43.0 64.4#  
101 268.0 7.7 11.5#  
130 5.5 15.1 22.7#

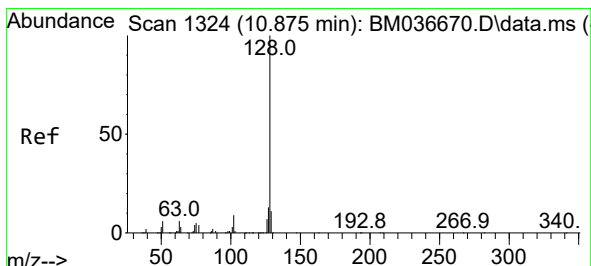
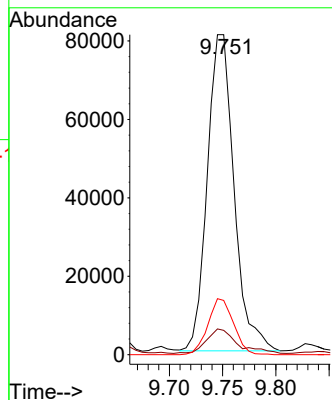
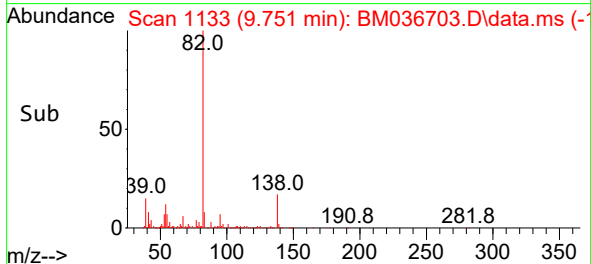
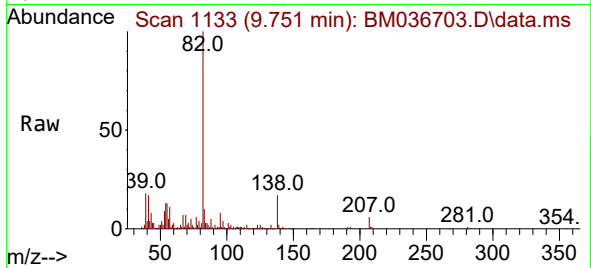




#23  
Isophorone  
Concen: 2.629 ng/ul  
RT: 9.751 min Scan# 1133  
Delta R.T. -0.006 min  
Lab File: BM036703.D  
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Tgt Ion: 82 Resp: 141010  
Ion Ratio Lower Upper  
82 100  
95 7.6 5.4 8.2  
138 17.0 13.5 20.3



#30  
Naphthalene  
Concen: 3.980 ng/ul  
RT: 10.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BM036703.D  
Acq: 24 Sep 2022 07:18

Tgt Ion: 128 Resp: 317409  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.7 13.1  
127 12.7 10.3 15.5

