

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\  
 Data File : BF088976.D  
 Acq On : 14 Jul 2016 00:05  
 Operator : UM/SJ  
 Sample : H3946-17  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P7-B6(0-7)C

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.667       | 5             | 7           | 16           | rVB      | 147103         | 247572        | 13.33%          | 1.491%        |
| 2         | 1.781       | 16            | 17          | 26           | rVV      | 1174821        | 1857003       | 100.00%         | 11.182%       |
| 3         | 1.895       | 26            | 27          | 50           | rVB2     | 62644          | 211833        | 11.41%          | 1.276%        |
| 4         | 4.844       | 282           | 285         | 291          | rBV      | 203799         | 349330        | 18.81%          | 2.104%        |
| 5         | 5.301       | 322           | 325         | 327          | rBV      | 1108514        | 1595192       | 85.90%          | 9.606%        |
| 6         | 5.690       | 357           | 359         | 361          | rVB      | 27615          | 24412         | 1.31%           | 0.147%        |
| 7         | 6.353       | 414           | 417         | 419          | rBV      | 1314544        | 1750786       | 94.28%          | 10.543%       |
| 8         | 6.467       | 424           | 427         | 429          | rVV      | 1808692        | 1727807       | 93.04%          | 10.404%       |
| 9         | 6.696       | 445           | 447         | 449          | rBB      | 471654         | 418991        | 22.56%          | 2.523%        |
| 10        | 6.856       | 458           | 461         | 463          | rBB      | 1041958        | 1253956       | 67.53%          | 7.551%        |
| 11        | 7.267       | 493           | 497         | 499          | rBV      | 799920         | 1075485       | 57.92%          | 6.476%        |
| 12        | 7.976       | 557           | 559         | 562          | rBB      | 513840         | 501364        | 27.00%          | 3.019%        |
| 13        | 9.062       | 651           | 654         | 656          | rBV      | 2075969        | 1834421       | 98.78%          | 11.046%       |
| 14        | 9.450       | 686           | 688         | 691          | rBB      | 243905         | 237272        | 12.78%          | 1.429%        |
| 15        | 9.725       | 710           | 712         | 715          | rBB      | 450574         | 494136        | 26.61%          | 2.975%        |
| 16        | 10.513      | 779           | 781         | 784          | rBV      | 955388         | 863439        | 46.50%          | 5.199%        |
| 17        | 10.651      | 791           | 793         | 797          | rBV      | 11425          | 20802         | 1.12%           | 0.125%        |
| 18        | 11.096      | 830           | 832         | 833          | rBV      | 17478          | 20294         | 1.09%           | 0.122%        |
| 19        | 11.199      | 839           | 841         | 843          | rVB      | 318806         | 393001        | 21.16%          | 2.366%        |
| 20        | 12.788      | 978           | 980         | 982          | rBV      | 1224040        | 1023096       | 55.09%          | 6.161%        |
| 21        | 13.691      | 1057          | 1059        | 1065         | rBV2     | 27700          | 34923         | 1.88%           | 0.210%        |
| 22        | 13.828      | 1068          | 1071        | 1073         | rBV      | 423962         | 365097        | 19.66%          | 2.198%        |
| 23        | 15.200      | 1188          | 1191        | 1194         | rBV      | 282682         | 306712        | 16.52%          | 1.847%        |

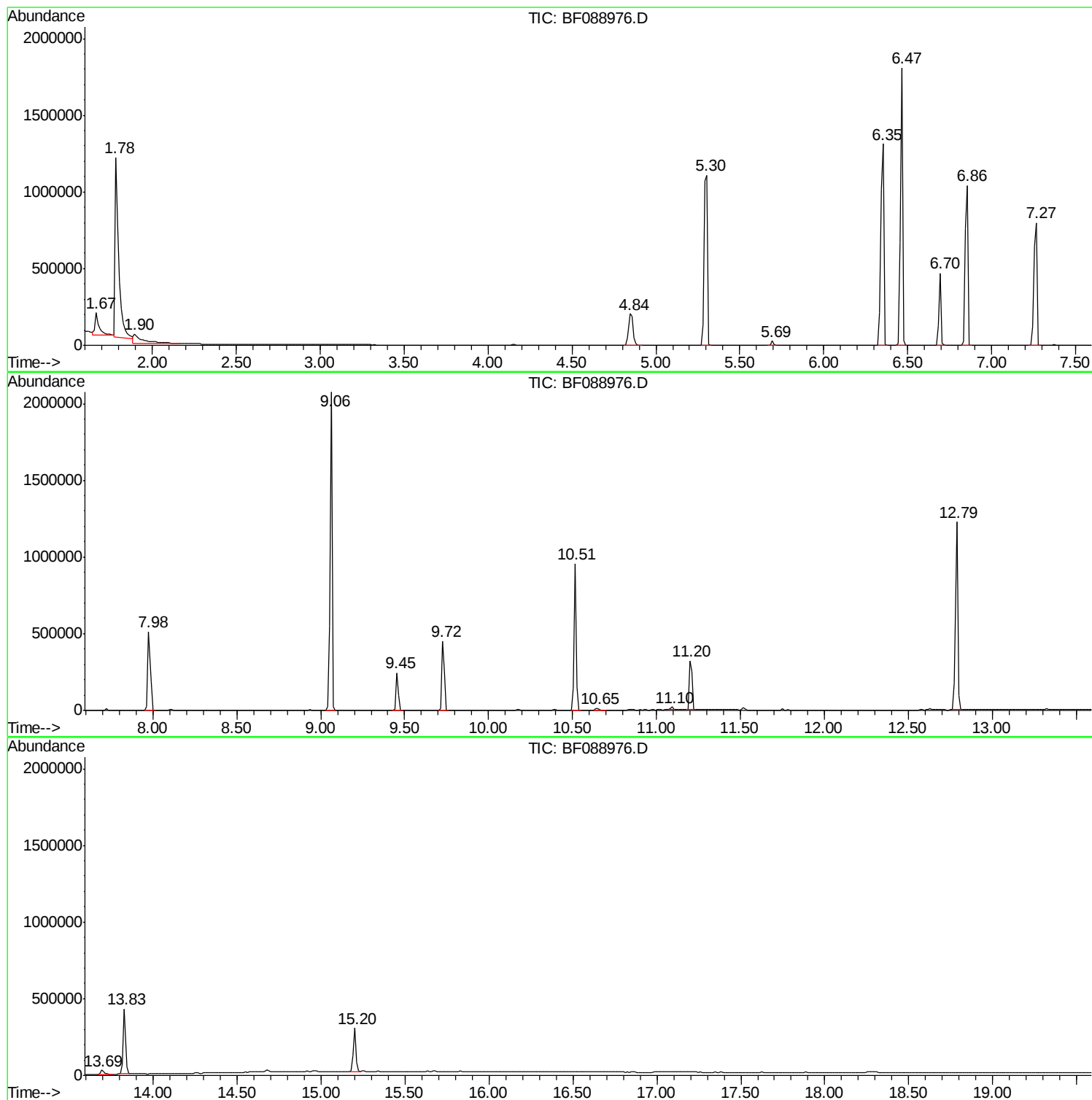
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P7-B6(0-7)C

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF063016.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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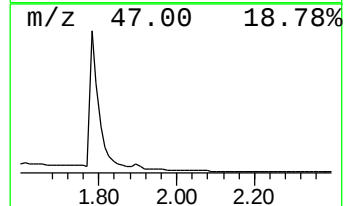
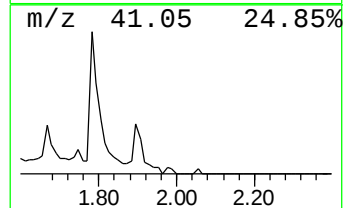
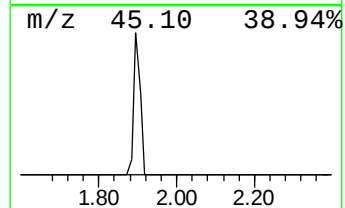
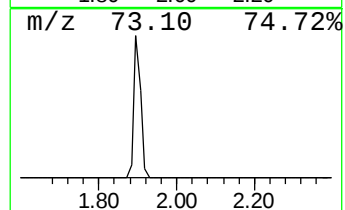
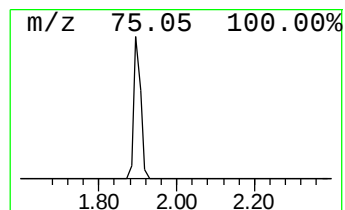
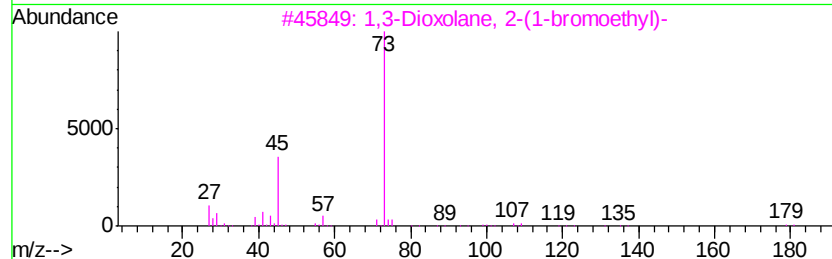
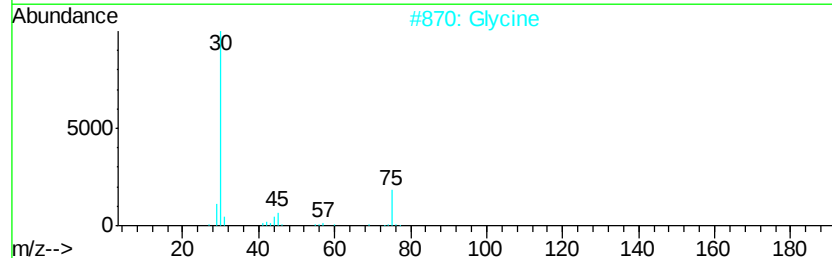
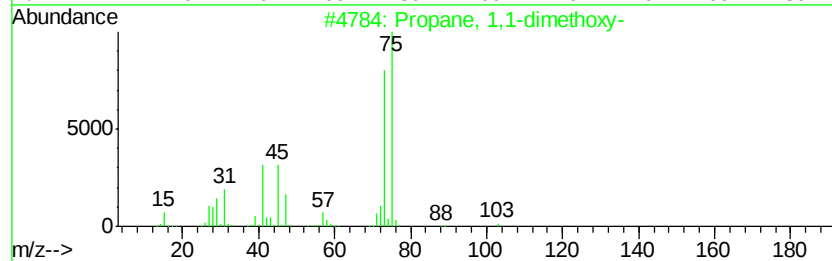
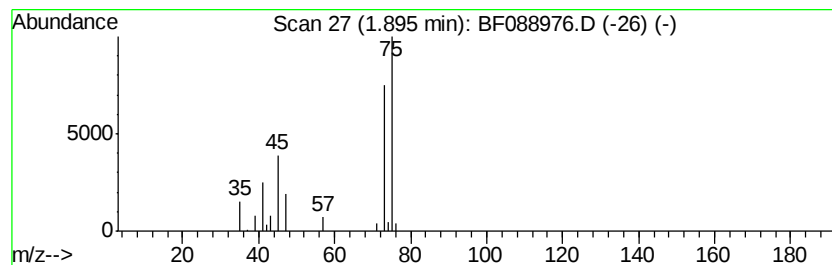
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Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 6

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 1.90 | 10.11 ng | 211833 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Propane, 1,1-dimethoxy-          | 104 | C5H12O2  | 004744-10-9 | 64   |
| 2    |    | Glycine                          | 75  | C2H5NO2  | 000056-40-6 | 9    |
| 3    |    | 1,3-Dioxolane, 2-(1-bromoethyl)- | 180 | C5H9BrO2 | 005267-73-2 | 9    |
| 4    |    | 1,3-Dioxolane, 2-(chloromethyl)- | 122 | C4H7ClO2 | 002568-30-1 | 9    |
| 5    |    | 3,3-Dichloropropyne              | 108 | C3H2Cl2  | 025523-14-2 | 8    |



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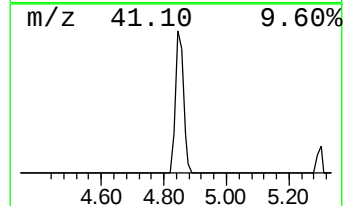
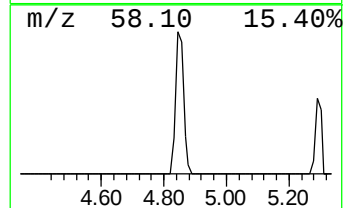
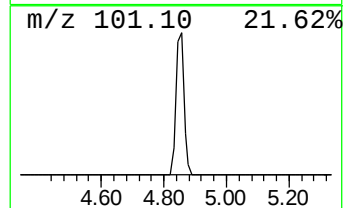
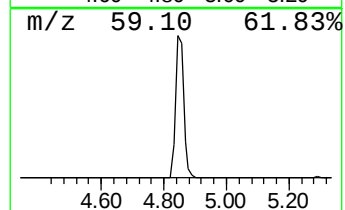
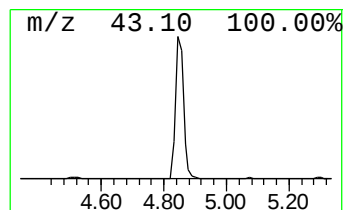
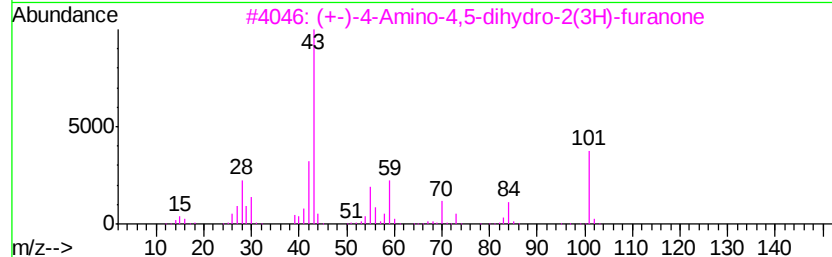
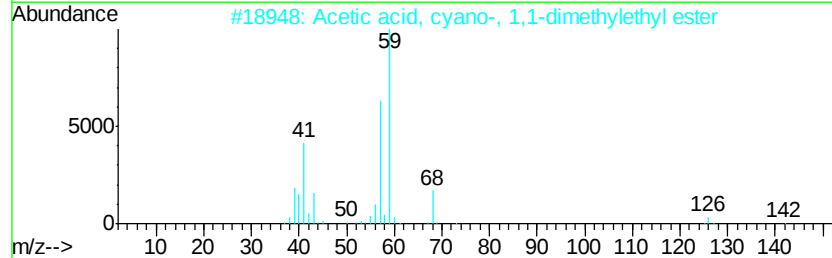
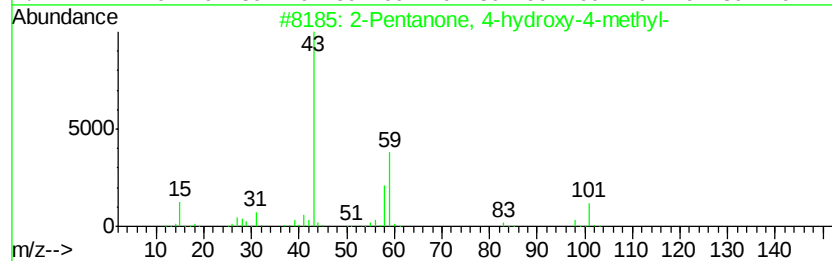
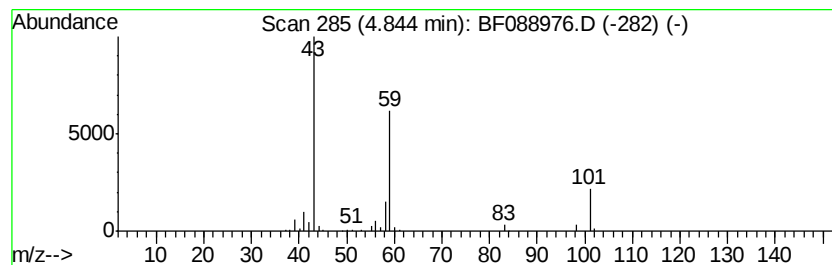
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.84 | 16.67 ng | 349330 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 3    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 4    |    | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 9    |
| 5    |    | 5-Hexen-2-one                        | 98  | C6H10O   | 000109-49-9 | 9    |



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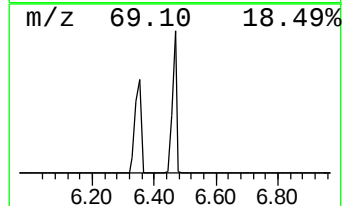
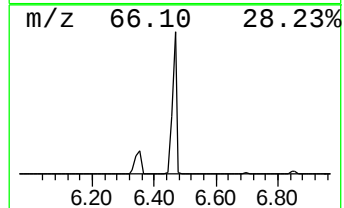
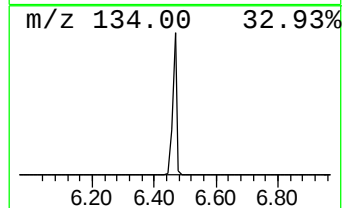
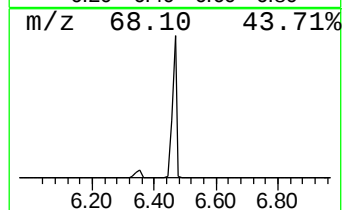
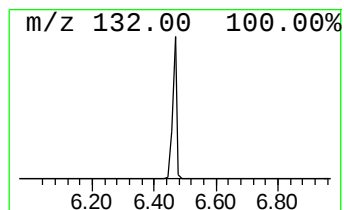
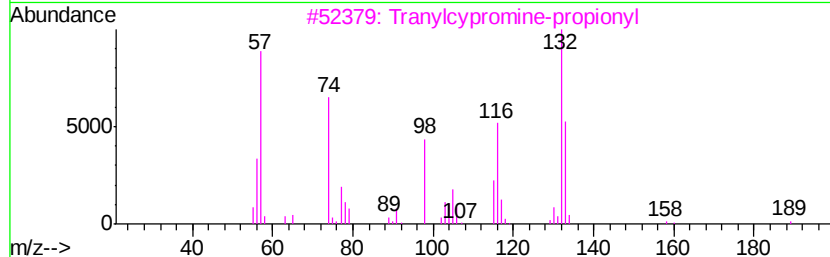
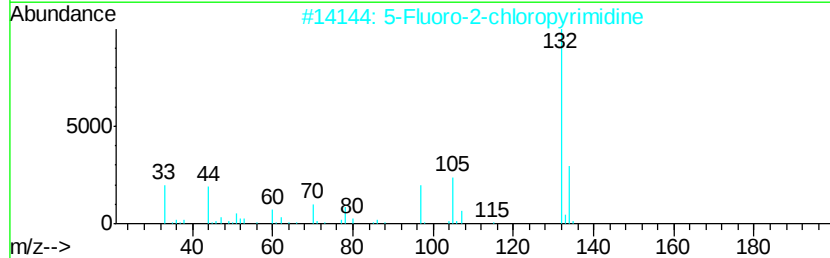
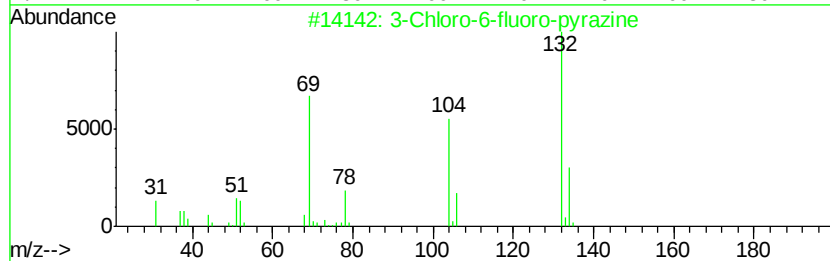
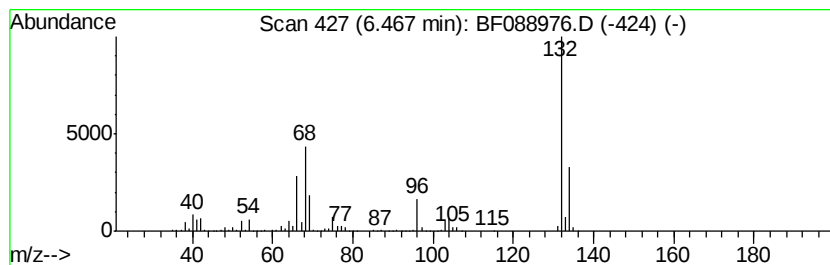
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Peak Number 5 unknown6.47 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.47 | 82.47 ng | 1727810 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of                          | Tentative ID | MW        | MolForm      | CAS# | Qual |
|------|-----------------------------|--------------|-----------|--------------|------|------|
| 1    | 3-Chloro-6-fluoro-pyrazine  | 132          | C4H2ClFN2 | 1000146-10-7 | 27   |      |
| 2    | 5-Fluoro-2-chloropyrimidine | 132          | C4H2ClFN2 | 062802-42-0  | 16   |      |
| 3    | Tranvlcyproline-propionyl   | 189          | C12H15NO  | 1000123-86-3 | 10   |      |
| 4    | 1,2,4-Trifluorobenzene      | 132          | C6H3F3    | 000367-23-7  | 9    |      |
| 5    | 1,3,5-Trifluorobenzene      | 132          | C6H3F3    | 000372-38-3  | 9    |      |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propane, 1,1-dime... | 1.90 | 10.1    | ng    | 211833   | 1                     | 6.70 | 418991 | 20.0 |
| 2-Pentanone, 4-hy... | 4.84 | 16.7    | ng    | 349330   | 1                     | 6.70 | 418991 | 20.0 |
| unknown6.47          | 6.47 | 82.5    | ng    | 1727810  | 1                     | 6.70 | 418991 | 20.0 |