

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070215\  
 Data File : BF080317.D  
 Acq On : 2 Jul 2015 19:29  
 Operator : TP/UM  
 Sample : PB84336BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84336BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.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         | 2.213       | 9             | 11          | 31           | rVB      | 582776         | 1331572       | 100.00%         | 15.579%       |
| 2         | 2.464       | 31            | 33          | 43           | rVV2     | 16897          | 49784         | 3.74%           | 0.582%        |
| 3         | 2.601       | 43            | 45          | 50           | rVB3     | 8423           | 15893         | 1.19%           | 0.186%        |
| 4         | 5.447       | 292           | 294         | 299          | rBV      | 237685         | 223646        | 16.80%          | 2.617%        |
| 5         | 5.847       | 327           | 329         | 331          | rBV      | 762555         | 643404        | 48.32%          | 7.527%        |
| 6         | 6.247       | 362           | 364         | 367          | rBV      | 17984          | 17921         | 1.35%           | 0.210%        |
| 7         | 6.842       | 414           | 416         | 419          | rBV      | 733607         | 634958        | 47.68%          | 7.429%        |
| 8         | 7.002       | 428           | 430         | 433          | rBV      | 733840         | 673499        | 50.58%          | 7.880%        |
| 9         | 7.242       | 449           | 451         | 453          | rVB      | 242204         | 189763        | 14.25%          | 2.220%        |
| 10        | 7.402       | 463           | 465         | 467          | rBV      | 599942         | 537655        | 40.38%          | 6.290%        |
| 11        | 7.790       | 497           | 499         | 502          | rBV      | 268338         | 361910        | 27.18%          | 4.234%        |
| 12        | 8.533       | 562           | 564         | 566          | rBV      | 286290         | 243142        | 18.26%          | 2.845%        |
| 13        | 9.608       | 656           | 658         | 660          | rBV      | 1088448        | 864916        | 64.95%          | 10.119%       |
| 14        | 10.305      | 717           | 719         | 721          | rBB      | 196212         | 263960        | 19.82%          | 3.088%        |
| 15        | 11.094      | 786           | 788         | 790          | rBV      | 474980         | 476661        | 35.80%          | 5.577%        |
| 16        | 11.802      | 848           | 850         | 852          | rBV      | 377187         | 308097        | 23.14%          | 3.605%        |
| 17        | 13.494      | 995           | 998         | 1000         | rBV      | 1195875        | 1070190       | 80.37%          | 12.521%       |
| 18        | 14.762      | 1107          | 1109        | 1112         | rBV      | 326389         | 329245        | 24.73%          | 3.852%        |
| 19        | 16.614      | 1269          | 1271        | 1276         | rBV      | 194423         | 311263        | 23.38%          | 3.642%        |

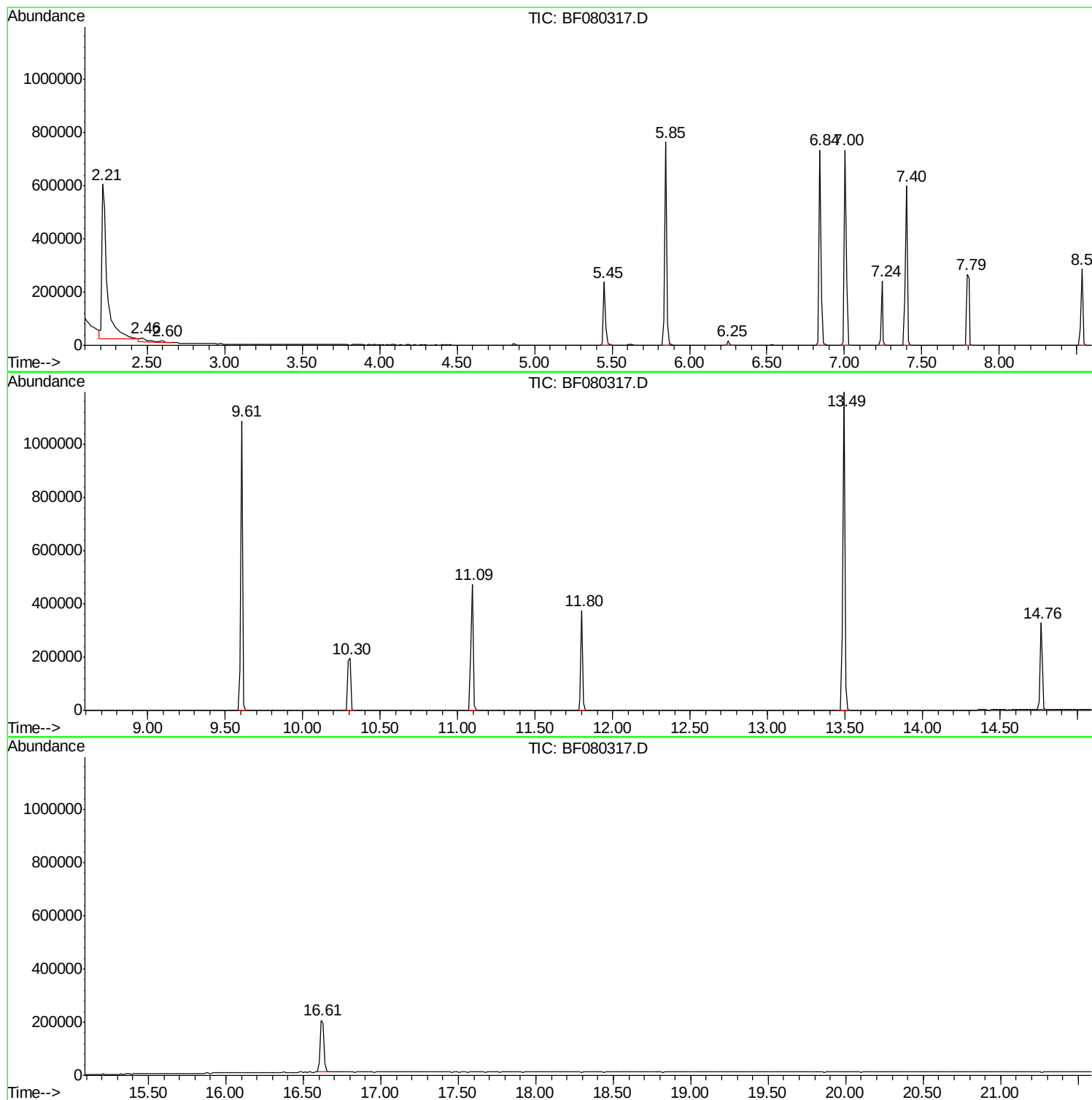
Sum of corrected areas: 8547479

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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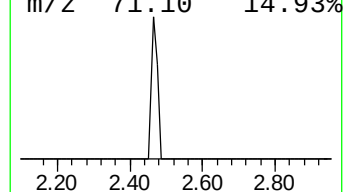
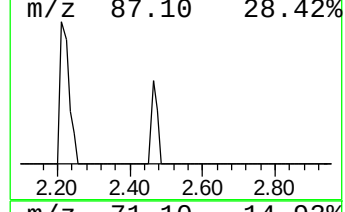
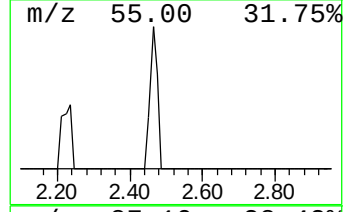
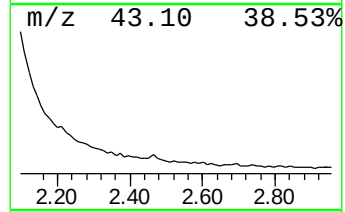
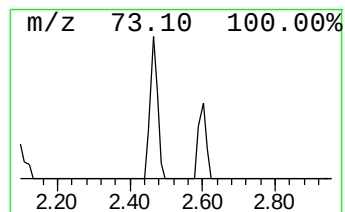
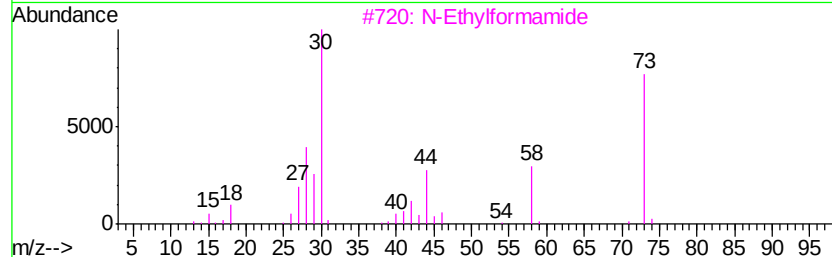
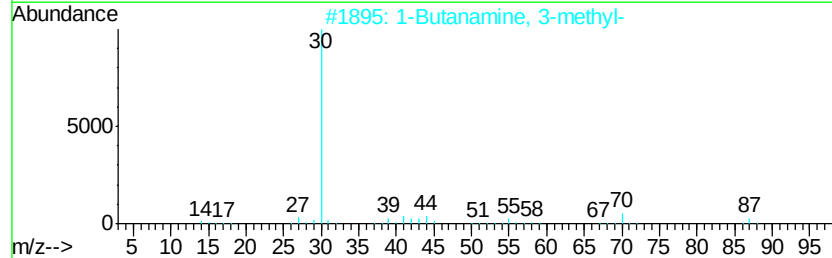
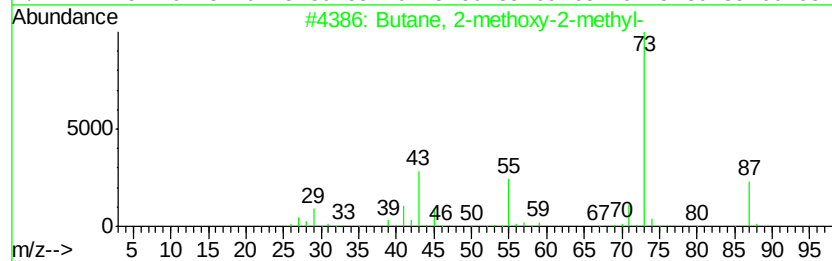
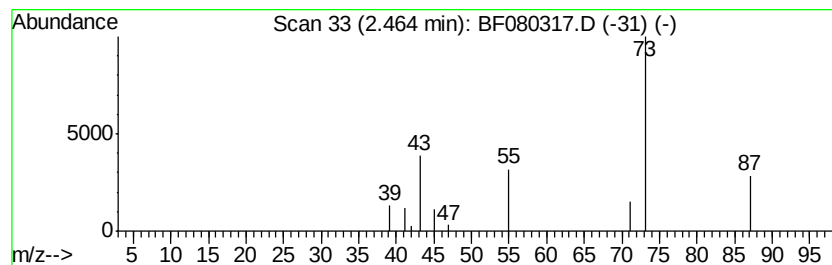
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 2.46 | 5.25 ng | 49784 | 1,4-Dichlorobenzene-d4 | 7.24 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 74   |
| 2    |    | 1-Butanamine, 3-methyl-     | 87  | C5H13N  | 000107-85-7 | 5    |
| 3    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 4    |
| 4    |    | Isobutylamine               | 73  | C4H11N  | 000078-81-9 | 4    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 4    |



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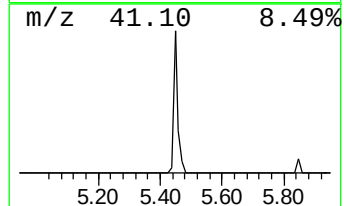
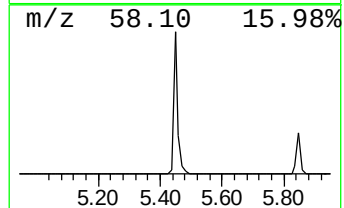
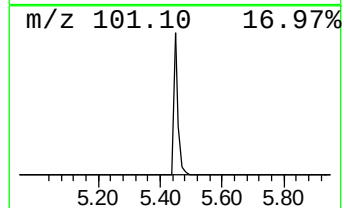
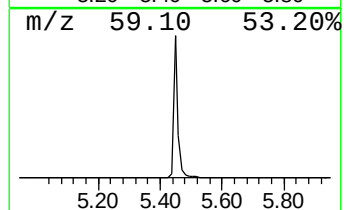
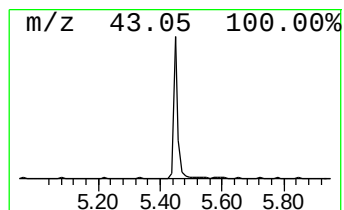
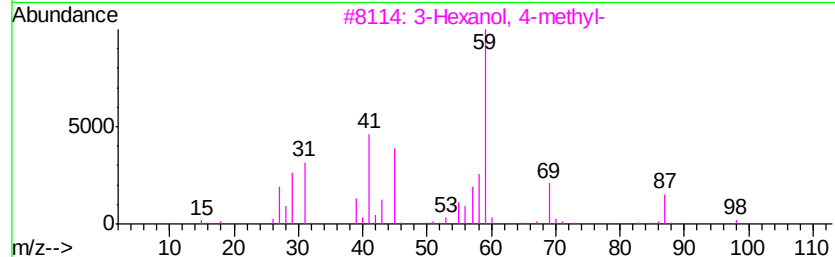
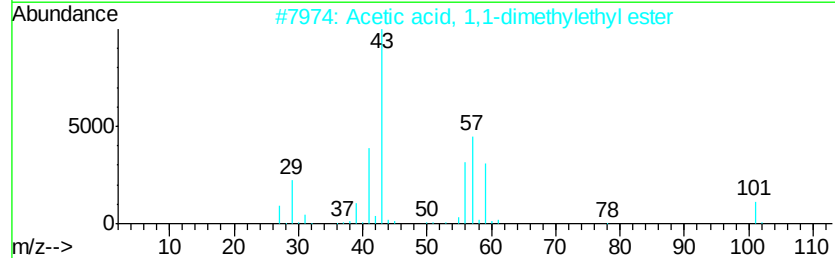
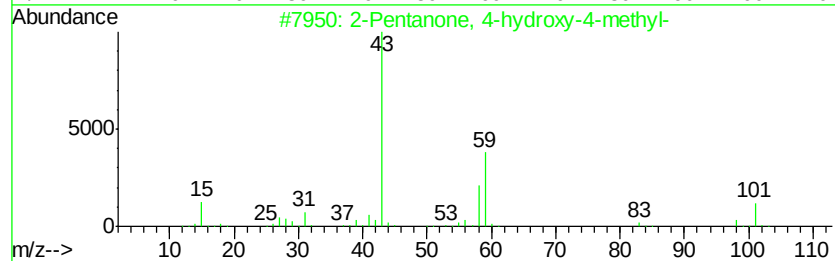
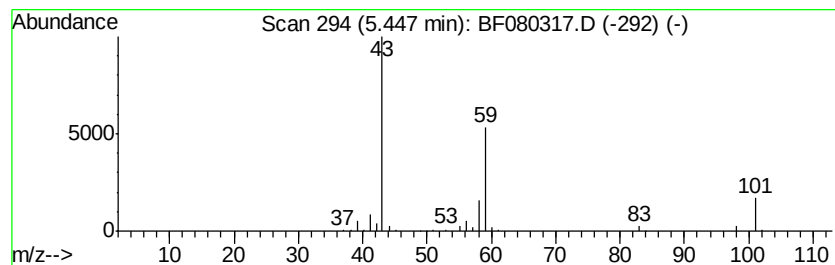
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.45 | 23.57 ng | 223646 | 1,4-Dichlorobenzene-d4 | 7.24 |

| Hit# of | 5                                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|-------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-    | 116          | C6H12O2  | 000123-42-2 | 59   |      |
| 2       | Acetic acid, 1,1-dimethylethyl e... | 116          | C6H12O2  | 000540-88-5 | 38   |      |
| 3       | 3-Hexanol, 4-methyl-                | 116          | C7H16O   | 000615-29-2 | 33   |      |
| 4       | Acetic acid, cyano-, 1,1-dimethy... | 141          | C7H11NO2 | 001116-98-9 | 25   |      |
| 5       | 1-Propen-2-ol, acetate              | 100          | C5H8O2   | 000108-22-5 | 10   |      |



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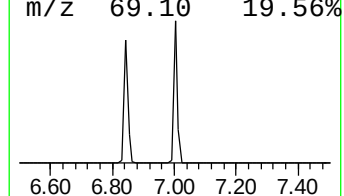
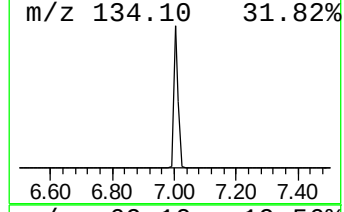
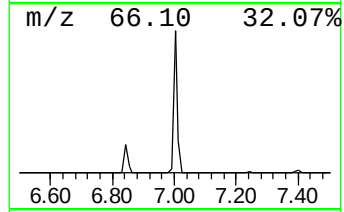
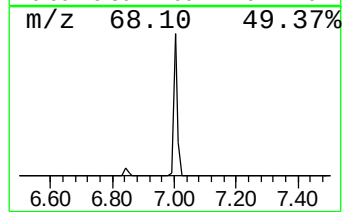
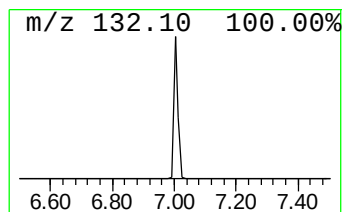
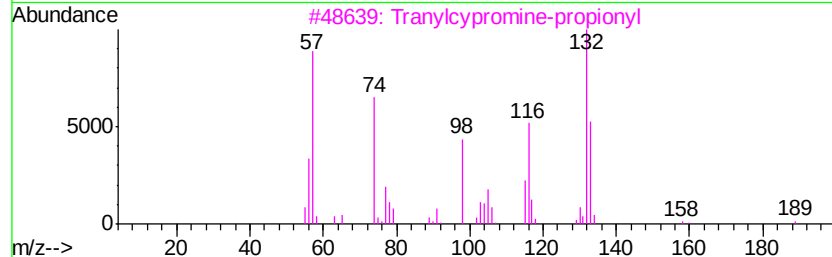
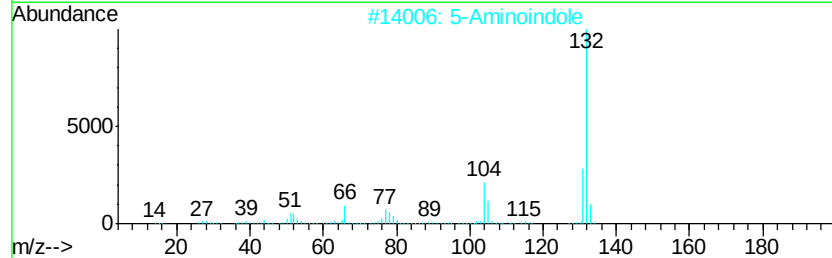
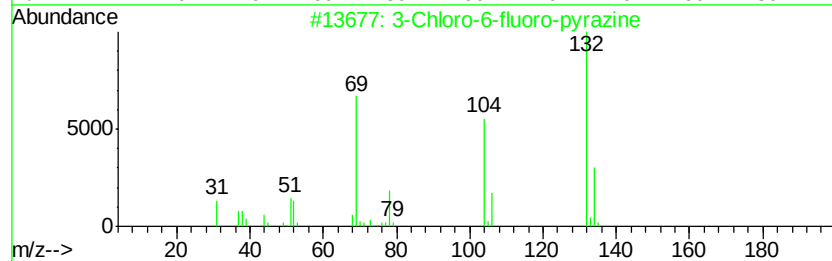
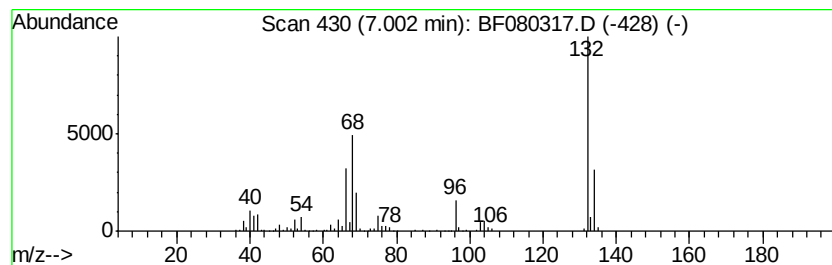
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown7.00 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.00 | 70.98 ng | 673499 | 1,4-Dichlorobenzene-d4 | 7.24 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 22   |
| 3    |    | Tranlycypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 5    |    | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3    | 000372-38-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.46 | 5.3     | ng    | 49784    | 1                     | 7.24 | 189763 | 20.0 |
| 2-Pentanone, 4-hy... | 5.45 | 23.6    | ng    | 223646   | 1                     | 7.24 | 189763 | 20.0 |
| unknown7.00          | 7.00 | 71.0    | ng    | 673499   | 1                     | 7.24 | 189763 | 20.0 |