

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF033115\  
 Data File : BF078139.D  
 Acq On : 1 Apr 2015 5:01  
 Operator : TP/IZ  
 Sample : G1703-17  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-9(0-10)

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-BF031115.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         | 1.207       | 26            | 28          | 30           | rVB      | 172741         | 195925        | 17.79%          | 2.275%        |
| 2         | 1.321       | 35            | 38          | 41           | rVB      | 76745          | 108832        | 9.88%           | 1.263%        |
| 3         | 1.481       | 50            | 52          | 55           | rVB      | 57910          | 72881         | 6.62%           | 0.846%        |
| 4         | 1.721       | 71            | 73          | 81           | rBV      | 120895         | 171682        | 15.59%          | 1.993%        |
| 5         | 4.773       | 338           | 340         | 346          | rBV      | 62845          | 78612         | 7.14%           | 0.913%        |
| 6         | 5.321       | 386           | 388         | 391          | rBV      | 500758         | 685605        | 62.26%          | 7.960%        |
| 7         | 6.636       | 500           | 503         | 505          | rBV      | 494827         | 713876        | 64.82%          | 8.288%        |
| 8         | 6.761       | 511           | 514         | 516          | rBV      | 671116         | 765159        | 69.48%          | 8.883%        |
| 9         | 7.047       | 537           | 539         | 541          | rBV      | 210639         | 239386        | 21.74%          | 2.779%        |
| 10        | 7.230       | 552           | 555         | 557          | rBV      | 615343         | 577471        | 52.44%          | 6.704%        |
| 11        | 7.744       | 597           | 600         | 602          | rBV      | 338887         | 432950        | 39.31%          | 5.026%        |
| 12        | 8.625       | 674           | 677         | 679          | rBV      | 239843         | 325930        | 29.60%          | 3.784%        |
| 13        | 9.973       | 792           | 795         | 797          | rBV      | 665686         | 916453        | 83.22%          | 10.640%       |
| 14        | 10.476      | 838           | 839         | 842          | rVB      | 18483          | 17349         | 1.58%           | 0.201%        |
| 15        | 10.785      | 864           | 866         | 869          | rVB      | 431724         | 395509        | 35.91%          | 4.592%        |
| 16        | 11.379      | 916           | 918         | 920          | rBB      | 11657          | 11619         | 1.06%           | 0.135%        |
| 17        | 11.768      | 949           | 952         | 954          | rBV      | 499068         | 510666        | 46.37%          | 5.929%        |
| 18        | 11.973      | 967           | 970         | 974          | rVB      | 11762          | 15373         | 1.40%           | 0.178%        |
| 19        | 12.625      | 1024          | 1027        | 1029         | rBV      | 381049         | 408042        | 37.05%          | 4.737%        |
| 20        | 14.614      | 1199          | 1201        | 1204         | rBV      | 981789         | 1101267       | 100.00%         | 12.785%       |
| 21        | 15.802      | 1303          | 1305        | 1311         | rBV      | 18025          | 44117         | 4.01%           | 0.512%        |
| 22        | 15.905      | 1311          | 1314        | 1316         | rBV      | 334323         | 427112        | 38.78%          | 4.959%        |
| 23        | 17.643      | 1463          | 1466        | 1469         | rBV      | 331565         | 397843        | 36.13%          | 4.619%        |

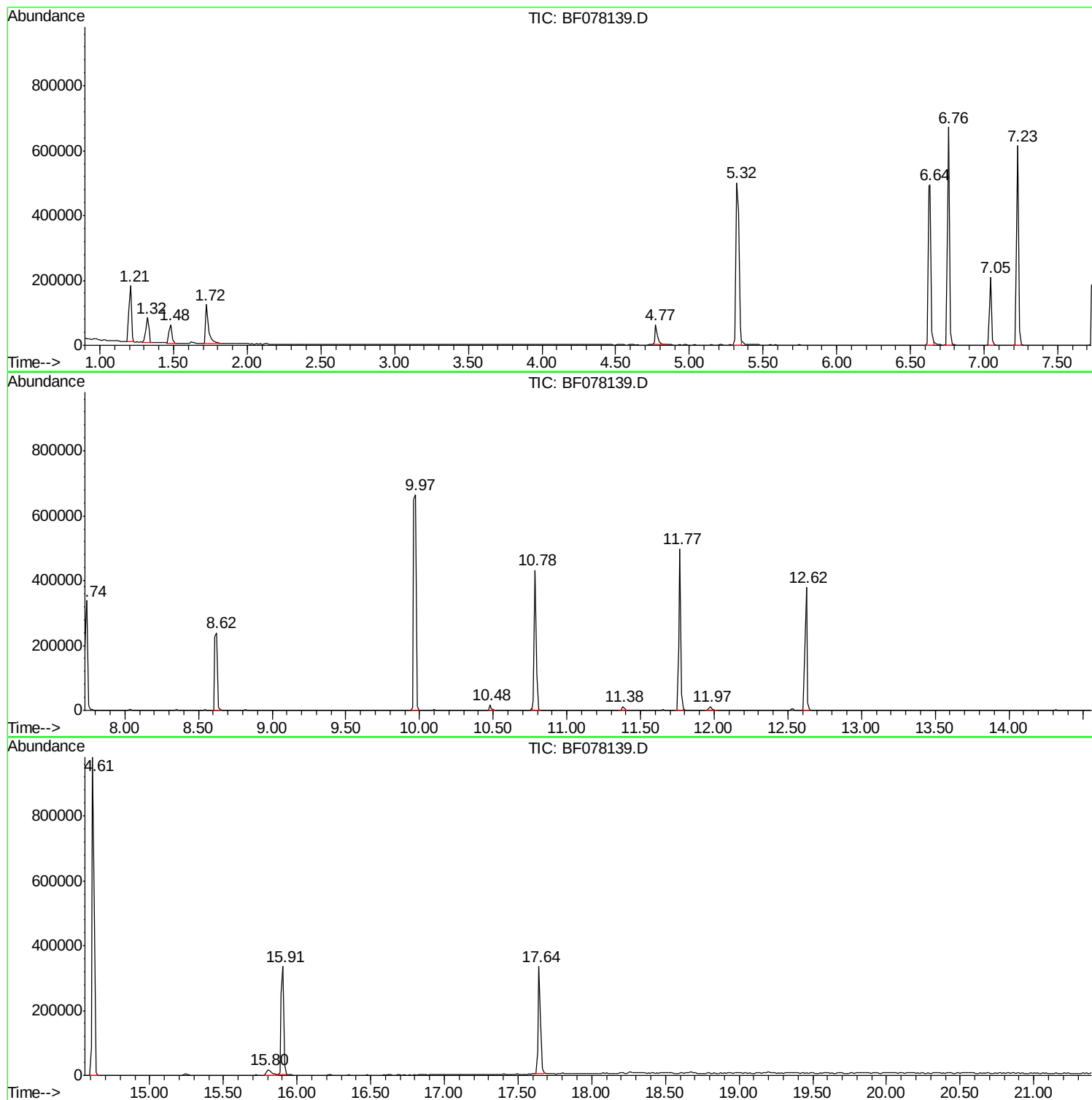
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ClientSampleId :  
S-9(0-10)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.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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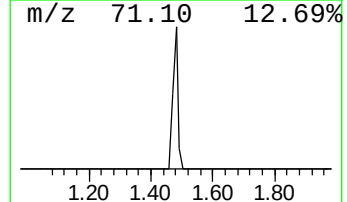
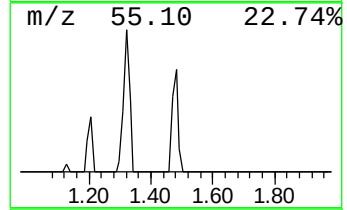
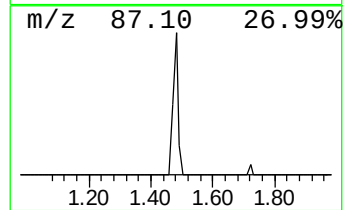
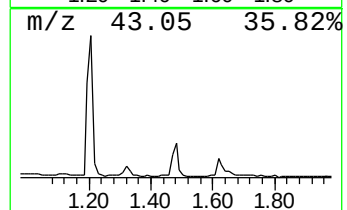
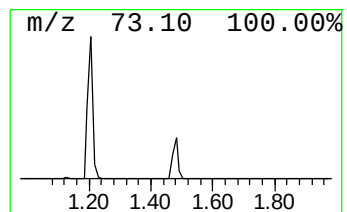
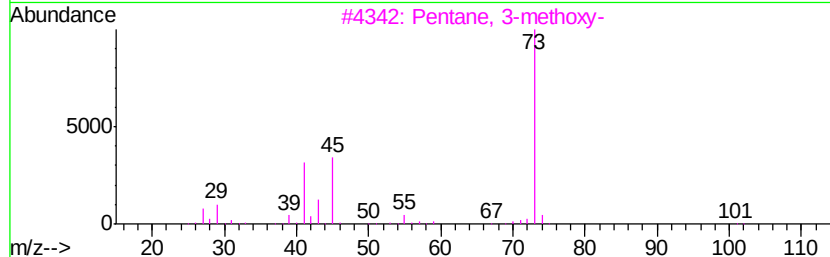
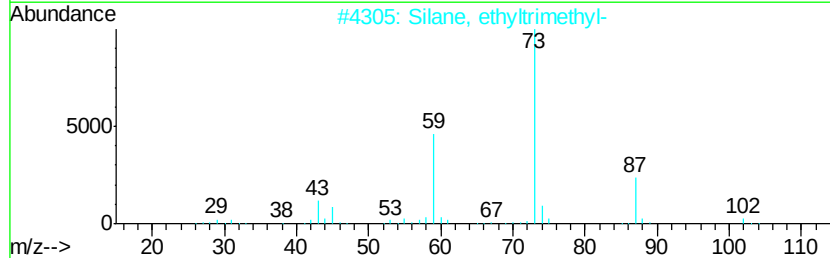
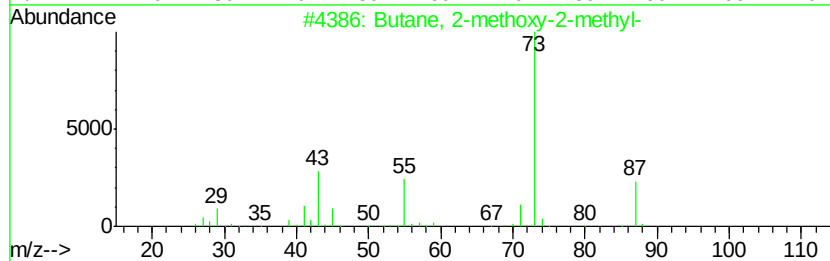
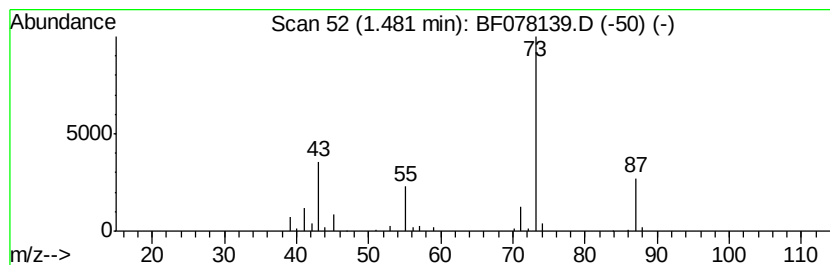
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 1.48 | 6.09 ng | 72881 | 1,4-Dichlorobenzene-d4 | 7.05 |

| Hit# of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|---------|---|-----------------------------|-----|---------|-------------|------|
| 1       |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2       |   | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |
| 3       |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4       |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5       |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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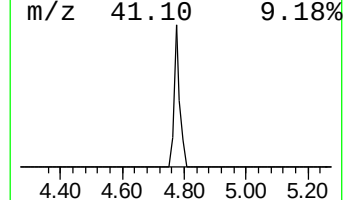
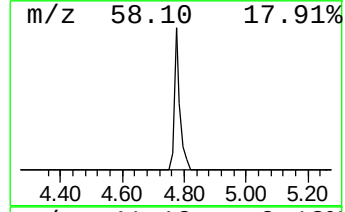
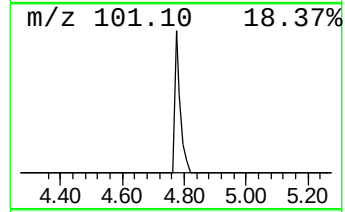
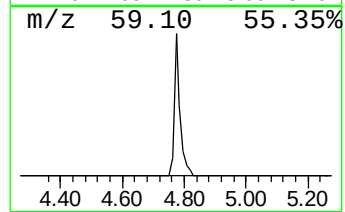
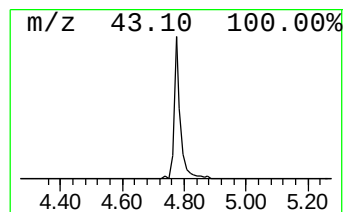
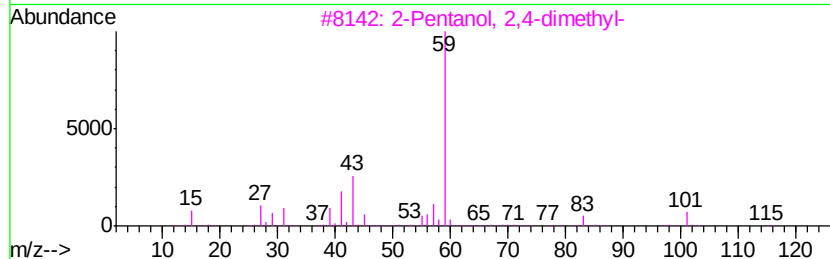
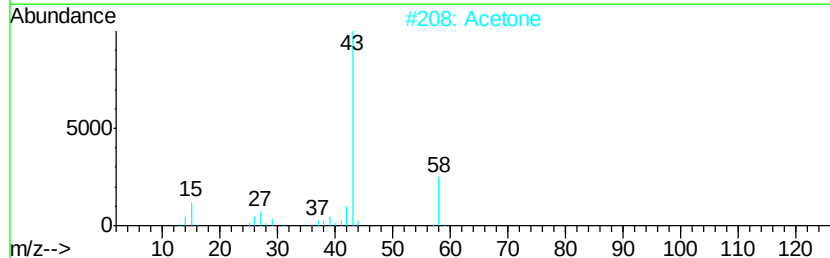
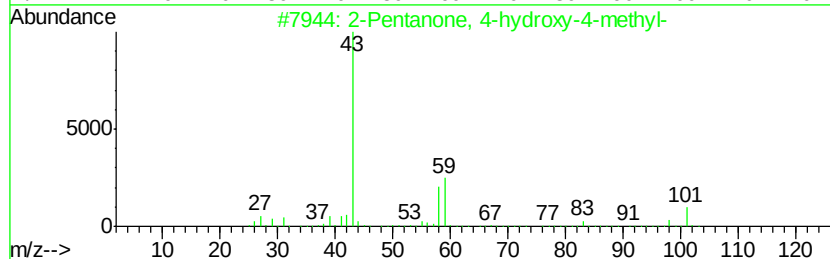
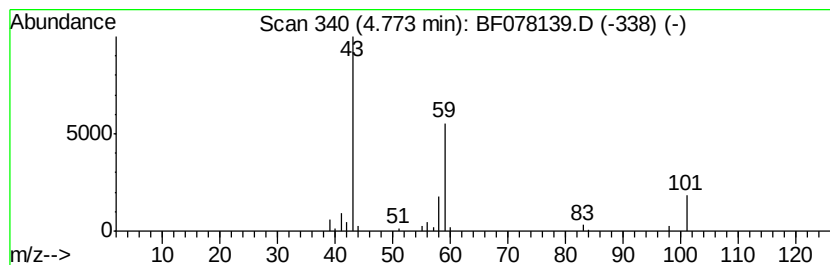
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.77 | 6.57 ng | 78612 | 1,4-Dichlorobenzene-d4 | 7.05 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2    |    | Acetone                             | 58  | C3H6O   | 000067-64-1 | 9    |
| 3    |    | 2-Pentanol, 2,4-dimethyl-           | 116 | C7H16O  | 000625-06-9 | 9    |
| 4    |    | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO | 005780-40-5 | 9    |
| 5    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 9    |



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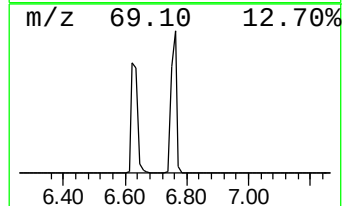
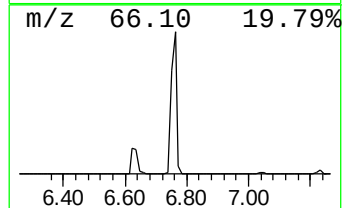
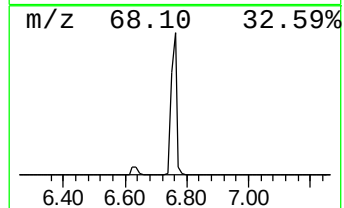
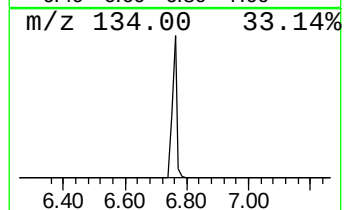
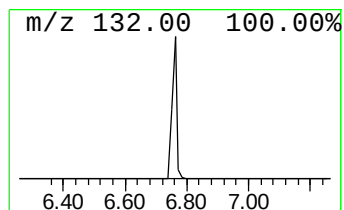
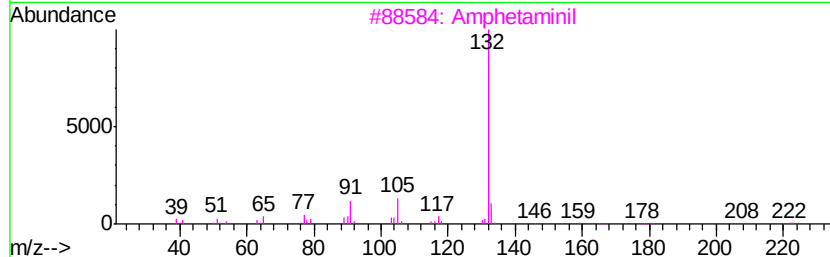
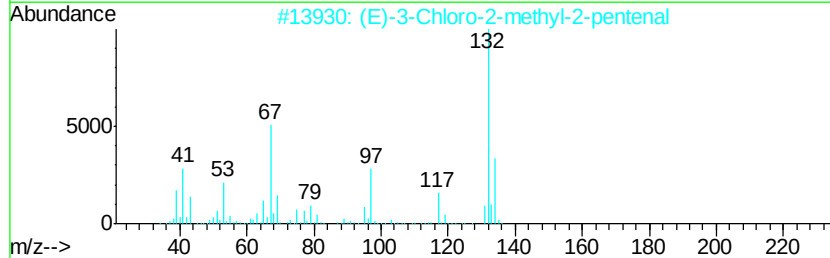
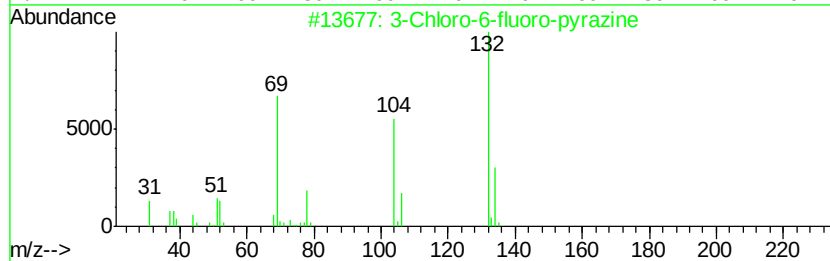
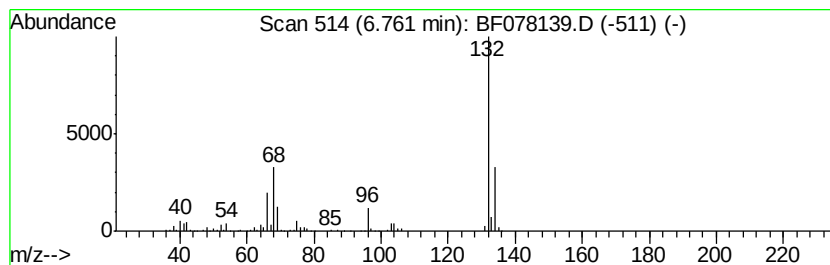
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown6.76 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.76 | 63.93 ng | 765159 | 1,4-Dichlorobenzene-d4 | 7.05 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | Tranvlcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 5    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |



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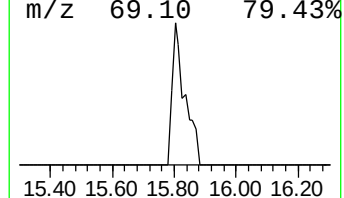
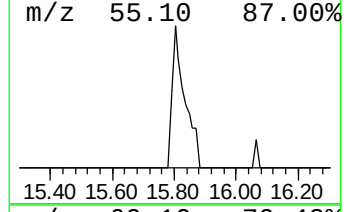
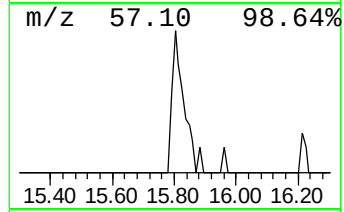
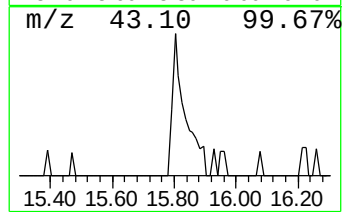
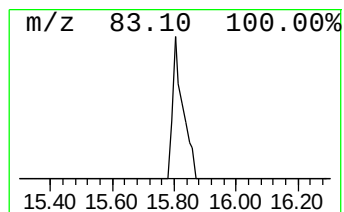
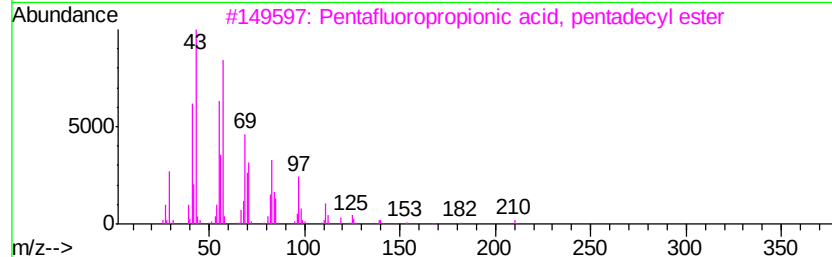
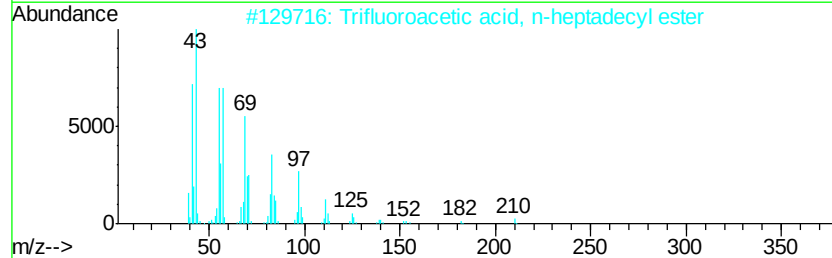
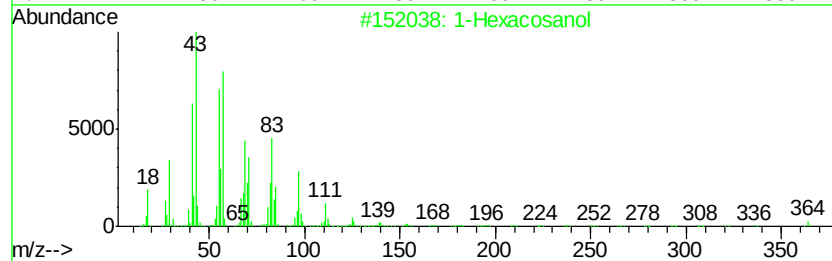
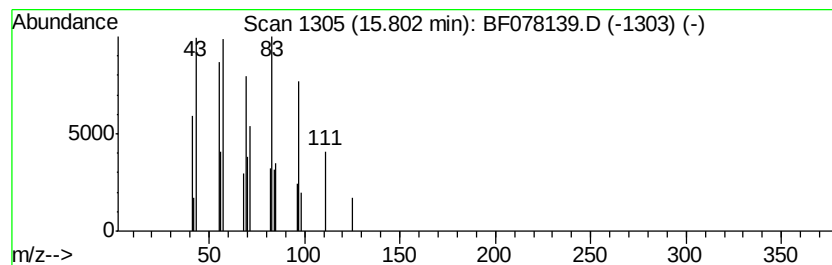
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 1-Hexacosanol Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 15.80 | 2.07 ng | 44117 | Chrysene-d12     | 15.91 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1-Hexacosanol                       | 382 | C26H54O    | 000506-52-5  | 83   |
| 2    |    | Trifluoroacetic acid, n-heptadec... | 324 | C17H31F3O2 | 1000216-79-2 | 80   |
| 3    |    | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 1000280-07-5 | 80   |
| 4    |    | Acetic acid, trifluoro-, tetrade... | 310 | C16H29F3O2 | 006222-02-2  | 80   |
| 5    |    | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 1000280-07-7 | 72   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 1.48  | 6.1     | ng    | 72881    | 1                     | 7.05  | 239386 | 20.0 |
| 2-Pentanone, 4-hy... | 4.77  | 6.6     | ng    | 78612    | 1                     | 7.05  | 239386 | 20.0 |
| unknown6.76          | 6.76  | 63.9    | ng    | 765159   | 1                     | 7.05  | 239386 | 20.0 |
| 1-Hexacosanol        | 15.80 | 2.1     | ng    | 44117    | 5                     | 15.91 | 427112 | 20.0 |