

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012516\  
 Data File : BF084606.D  
 Acq On : 25 Jan 2016 14:46  
 Operator : SJ/IZ  
 Sample : H1201-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-01

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-BF123115.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         | 4.201       | 182           | 185         | 190          | rBV      | 383473         | 499376        | 5.54%           | 0.905%        |
| 2         | 4.898       | 242           | 246         | 256          | rVB      | 1605103        | 2084601       | 23.13%          | 3.779%        |
| 3         | 5.333       | 282           | 284         | 287          | rBV      | 3262440        | 2922094       | 32.43%          | 5.298%        |
| 4         | 5.733       | 317           | 319         | 322          | rBV      | 454583         | 399603        | 4.43%           | 0.724%        |
| 5         | 6.373       | 373           | 375         | 378          | rBV      | 1374819        | 1826787       | 20.27%          | 3.312%        |
| 6         | 6.510       | 384           | 387         | 389          | rBV      | 4859693        | 5605571       | 62.21%          | 10.163%       |
| 7         | 6.739       | 404           | 407         | 409          | rBV      | 981411         | 1124372       | 12.48%          | 2.039%        |
| 8         | 6.887       | 418           | 420         | 423          | rBV      | 3434421        | 4519266       | 50.15%          | 8.194%        |
| 9         | 7.310       | 453           | 457         | 459          | rBV      | 3837773        | 4555751       | 50.56%          | 8.260%        |
| 10        | 8.019       | 517           | 519         | 522          | rBV      | 1581969        | 1440201       | 15.98%          | 2.611%        |
| 11        | 9.105       | 611           | 614         | 616          | rBV      | 6999894        | 6925664       | 76.86%          | 12.557%       |
| 12        | 9.767       | 670           | 672         | 675          | rVB      | 1501992        | 2041701       | 22.66%          | 3.702%        |
| 13        | 10.568      | 738           | 742         | 744          | rBV      | 4853470        | 6027109       | 66.89%          | 10.927%       |
| 14        | 11.253      | 799           | 802         | 804          | rBV      | 2537432        | 2242584       | 24.89%          | 4.066%        |
| 15        | 12.842      | 938           | 941         | 944          | rBV      | 6185102        | 9010674       | 100.00%         | 16.337%       |
| 16        | 13.882      | 1029          | 1032        | 1035         | rBV      | 2406743        | 2197033       | 24.38%          | 3.983%        |
| 17        | 15.277      | 1151          | 1154        | 1156         | rBV      | 1285911        | 1733392       | 19.24%          | 3.143%        |

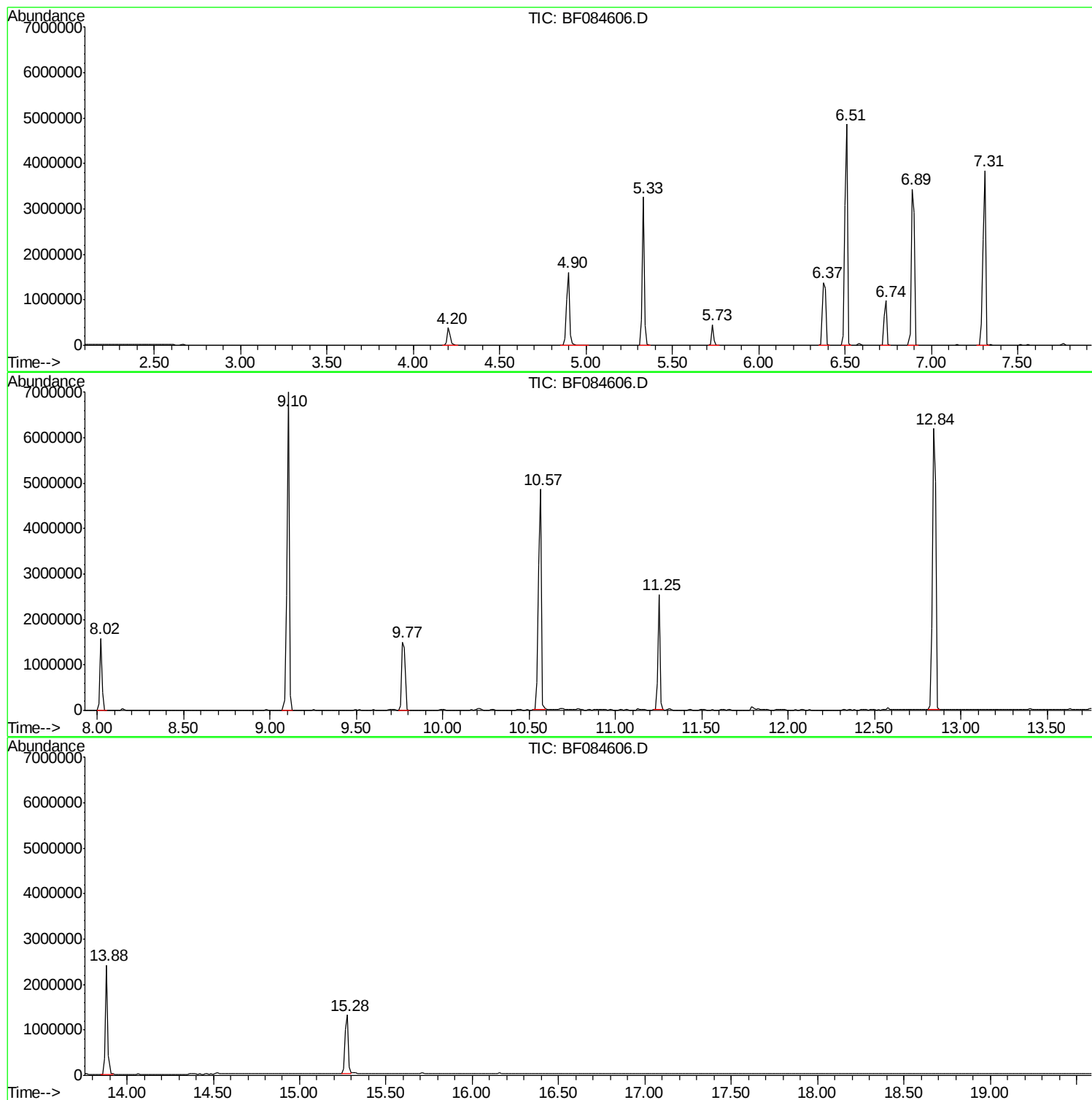
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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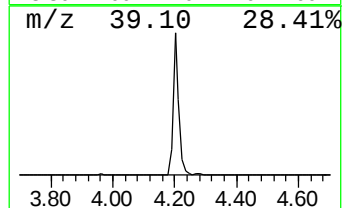
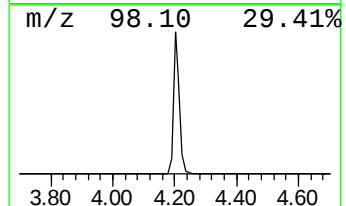
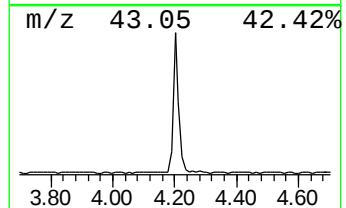
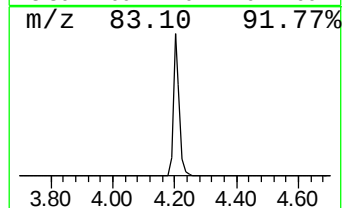
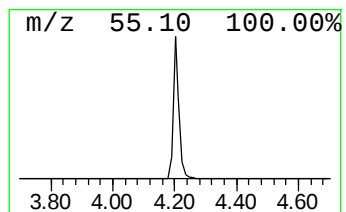
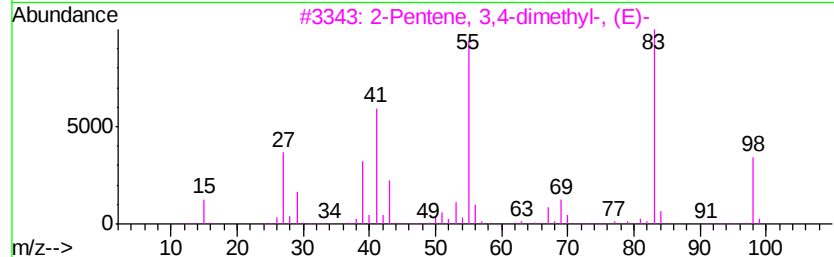
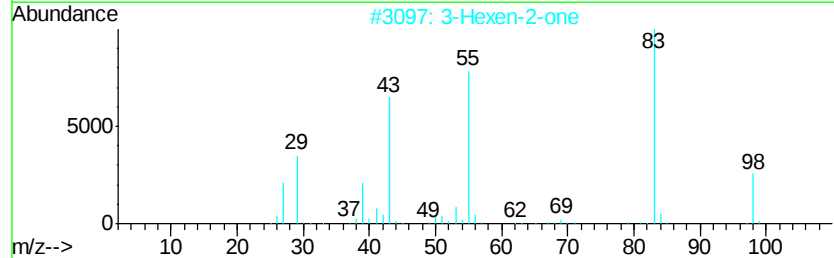
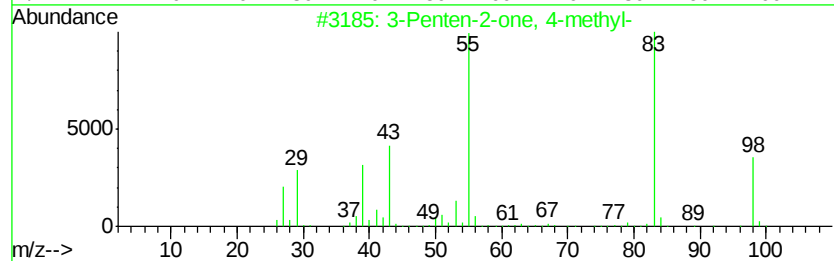
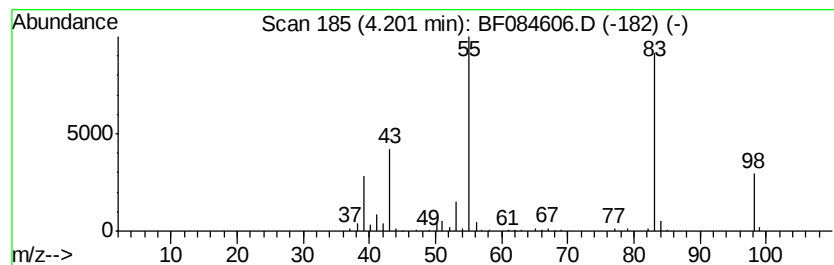
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF123115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.20 | 8.88 ng | 499376 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 2    |    |   | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 90   |
| 3    |    |   | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 90   |
| 4    |    |   | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 86   |
| 5    |    |   | 2-Pentene, 4,4-dimethyl-, (E)- | 98 | C7H14   | 000690-08-4 | 86   |



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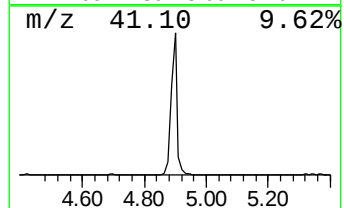
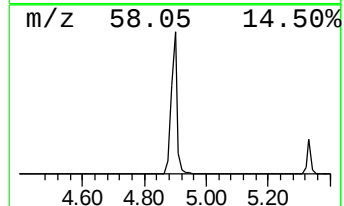
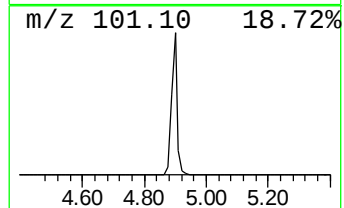
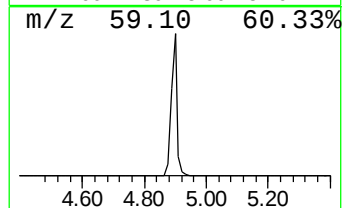
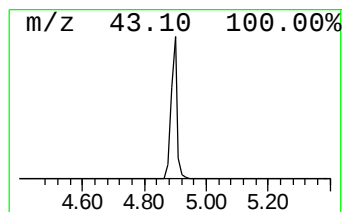
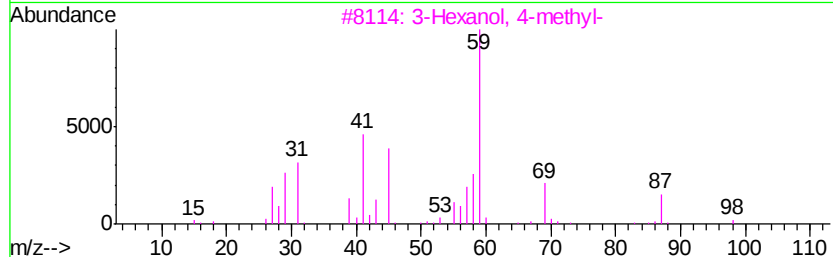
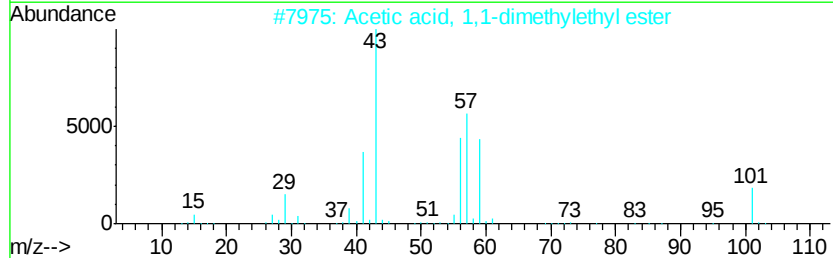
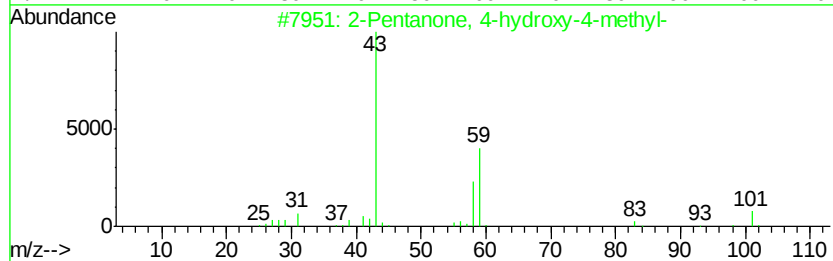
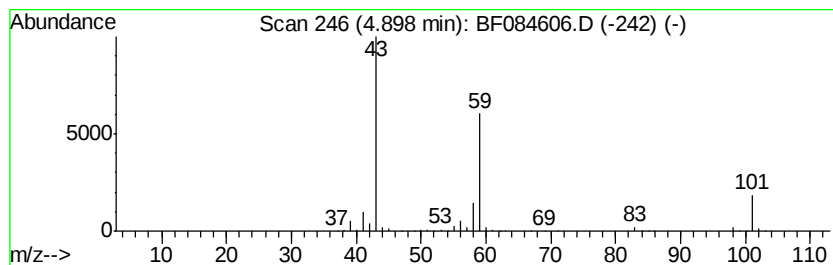
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 4.90 | 37.08 ng | 2084600 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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ClientSampleId :  
MW-01

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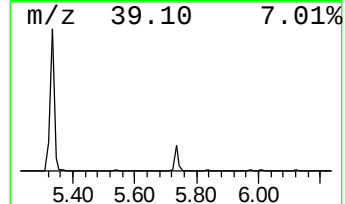
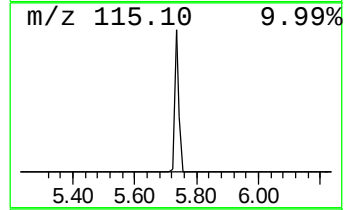
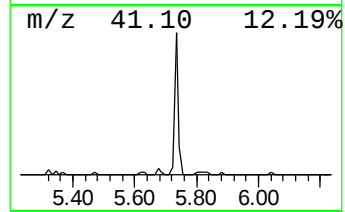
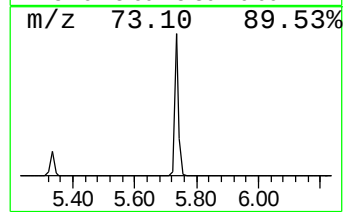
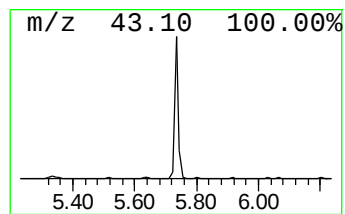
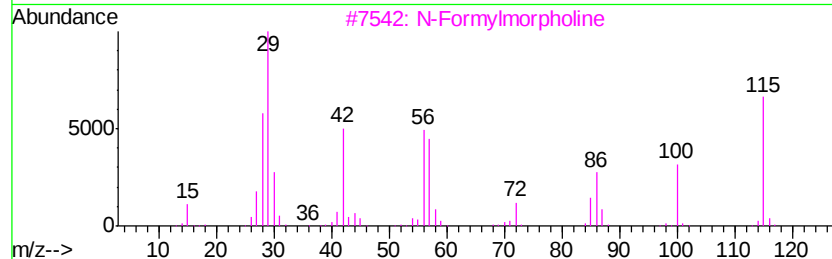
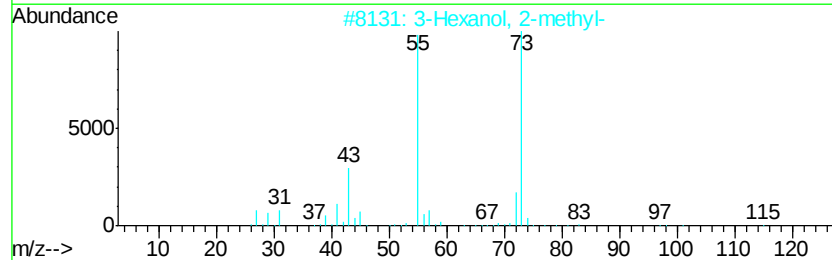
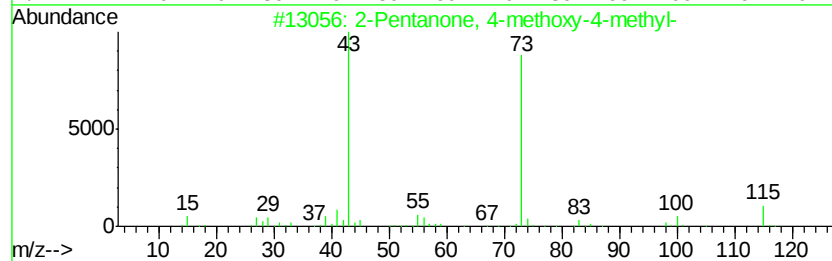
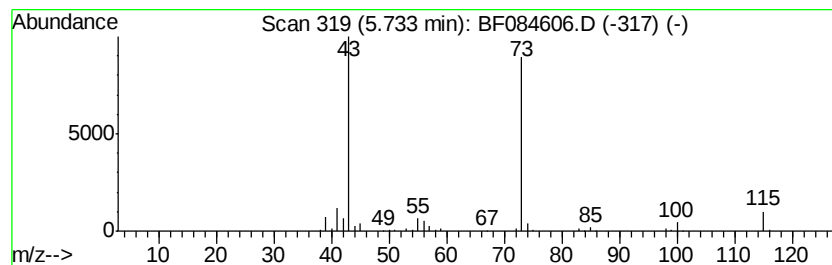
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.73 | 7.11 ng | 399603 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-methoxy-4-methyl- | 130 | C7H14O2  | 000107-70-0 | 83   |
| 2    |    | 3-Hexanol, 2-methyl-             | 116 | C7H16O   | 000617-29-8 | 17   |
| 3    |    | N-Formylmorpholine               | 115 | C5H9NO2  | 004394-85-8 | 10   |
| 4    |    | Pentane, 3-methoxy-              | 102 | C6H14O   | 036839-67-5 | 10   |
| 5    |    | N-.alpha.-Acetylglycinamide      | 116 | C4H8N2O2 | 002620-63-5 | 9    |



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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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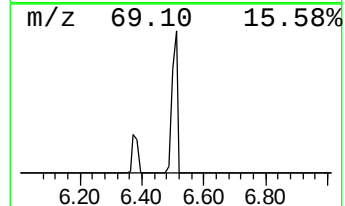
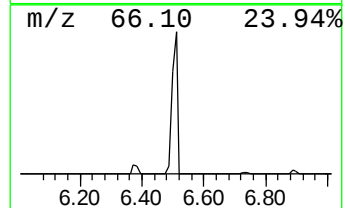
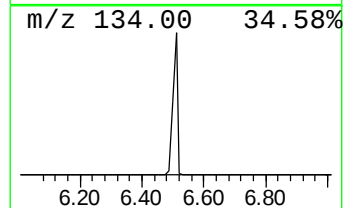
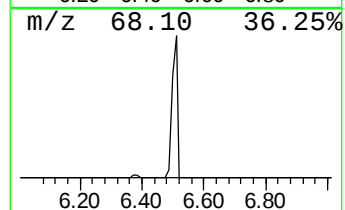
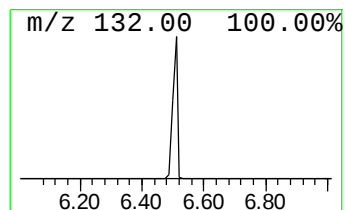
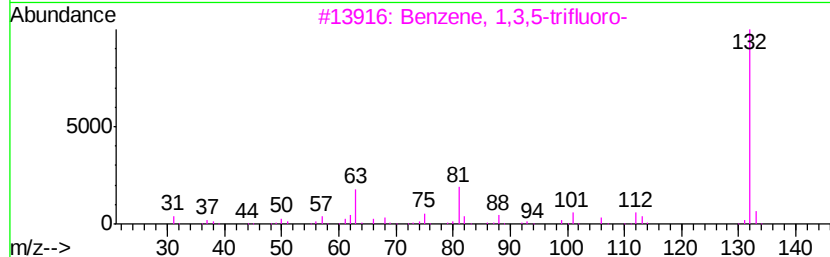
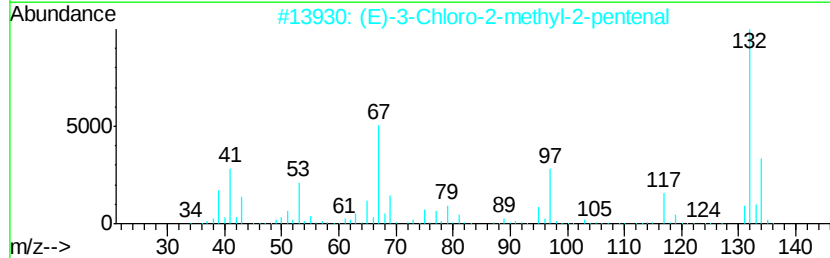
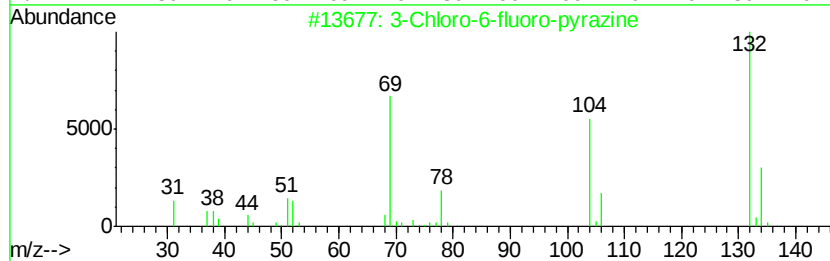
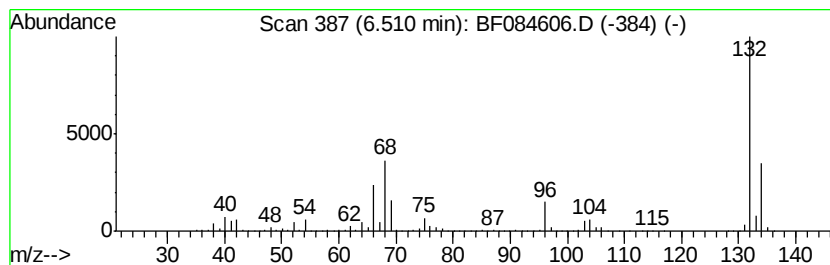
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\*\*\*\*\*  
Peak Number 4 unknown6.51 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.51 | 99.71 ng | 5605570 | 1,4-Dichlorobenzene-d4 | 6.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Benzene, 1,3,5-trifluoro-           | 132 | C6H3F3    | 000372-38-3  | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 3-Penten-2-one, 4... | 4.20 | 8.9     | ng    | 499376   | 1                     | 6.74 | 1124370 | 20.0 |
| 2-Pentanone, 4-hy... | 4.90 | 37.1    | ng    | 2084600  | 1                     | 6.74 | 1124370 | 20.0 |
| 2-Pentanone, 4-me... | 5.73 | 7.1     | ng    | 399603   | 1                     | 6.74 | 1124370 | 20.0 |
| unknown6.51          | 6.51 | 99.7    | ng    | 5605570  | 1                     | 6.74 | 1124370 | 20.0 |