

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF032415\  
 Data File : BF077919.D  
 Acq On : 24 Mar 2015 18:53  
 Operator : TP/IZ  
 Sample : G1613-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1-2

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-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         | 1.275       | 32            | 34          | 37           | rVV      | 3679846        | 4031535       | 100.00%         | 29.124%       |
| 2         | 1.401       | 41            | 45          | 48           | rVB      | 74201          | 143286        | 3.55%           | 1.035%        |
| 3         | 1.561       | 56            | 59          | 62           | rVV      | 64756          | 75681         | 1.88%           | 0.547%        |
| 4         | 1.653       | 65            | 67          | 75           | rVV      | 51231          | 84377         | 2.09%           | 0.610%        |
| 5         | 1.767       | 75            | 77          | 91           | rVB      | 302289         | 543421        | 13.48%          | 3.926%        |
| 6         | 4.864       | 346           | 348         | 357          | rVB      | 75557          | 97455         | 2.42%           | 0.704%        |
| 7         | 5.402       | 392           | 395         | 398          | rBV      | 783367         | 804928        | 19.97%          | 5.815%        |
| 8         | 6.693       | 505           | 508         | 510          | rBV      | 829965         | 841034        | 20.86%          | 6.076%        |
| 9         | 6.830       | 517           | 520         | 522          | rBV      | 851443         | 896601        | 22.24%          | 6.477%        |
| 10        | 7.116       | 542           | 545         | 547          | rBV      | 268784         | 237971        | 5.90%           | 1.719%        |
| 11        | 7.299       | 559           | 561         | 564          | rBV      | 770210         | 704435        | 17.47%          | 5.089%        |
| 12        | 7.813       | 603           | 606         | 608          | rBV      | 498886         | 507482        | 12.59%          | 3.666%        |
| 13        | 8.693       | 680           | 683         | 685          | rBV      | 354255         | 322286        | 7.99%           | 2.328%        |
| 14        | 10.042      | 798           | 801         | 803          | rBV      | 1129011        | 1108413       | 27.49%          | 8.007%        |
| 15        | 10.865      | 871           | 873         | 875          | rVB      | 293058         | 361739        | 8.97%           | 2.613%        |
| 16        | 11.836      | 956           | 958         | 961          | rBV      | 618300         | 587728        | 14.58%          | 4.246%        |
| 17        | 12.694      | 1031          | 1033        | 1036         | rBV      | 399419         | 386673        | 9.59%           | 2.793%        |
| 18        | 14.694      | 1205          | 1208        | 1210         | rBV      | 946183         | 1275421       | 31.64%          | 9.214%        |
| 19        | 15.974      | 1317          | 1320        | 1323         | rBV      | 437463         | 432470        | 10.73%          | 3.124%        |
| 20        | 17.711      | 1470          | 1472        | 1475         | rBV      | 294634         | 399584        | 9.91%           | 2.887%        |

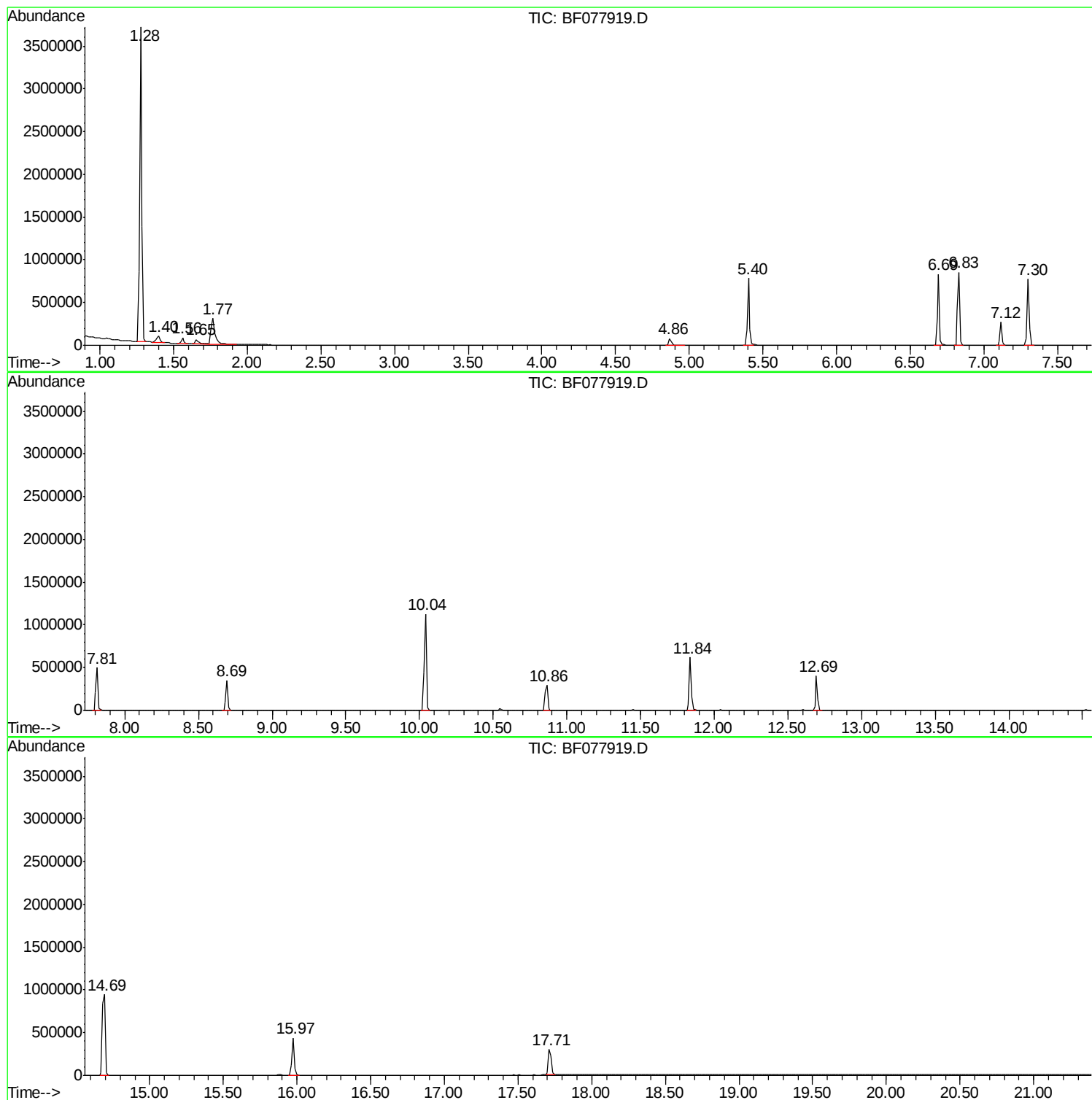
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ClientSampleId :  
SB-1-2

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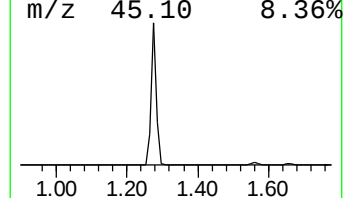
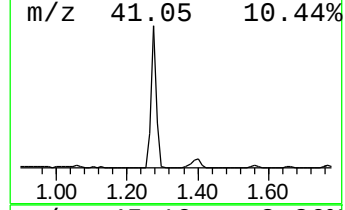
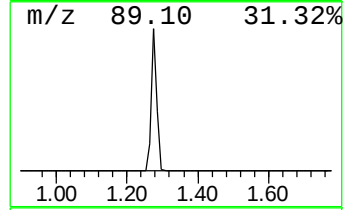
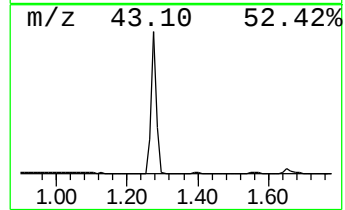
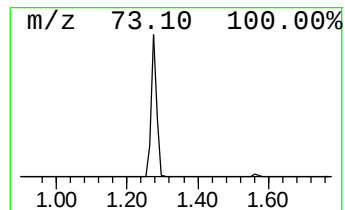
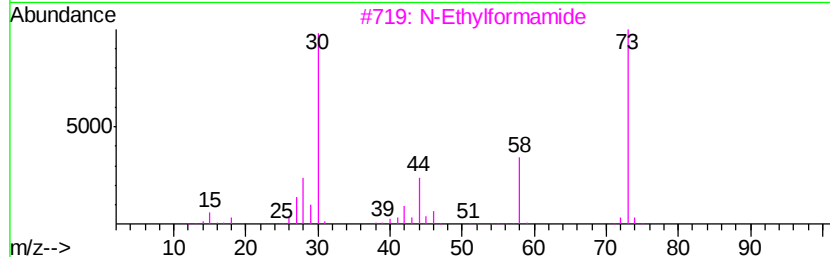
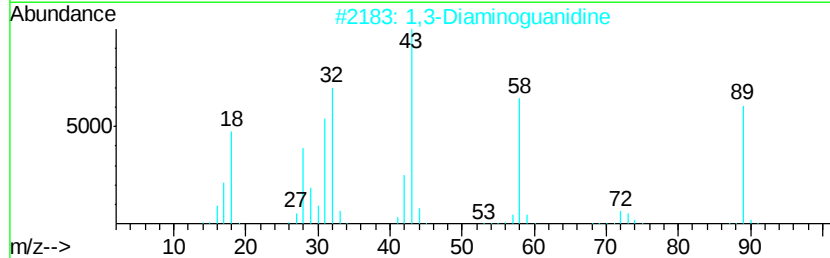
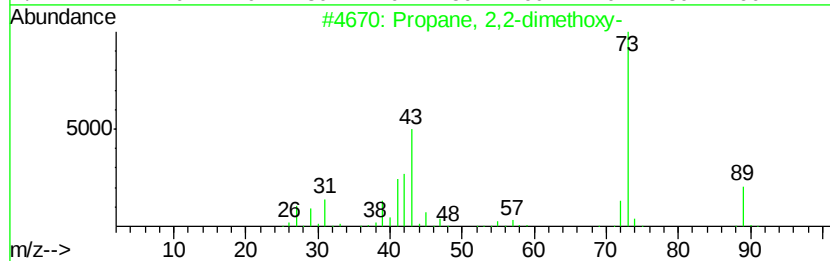
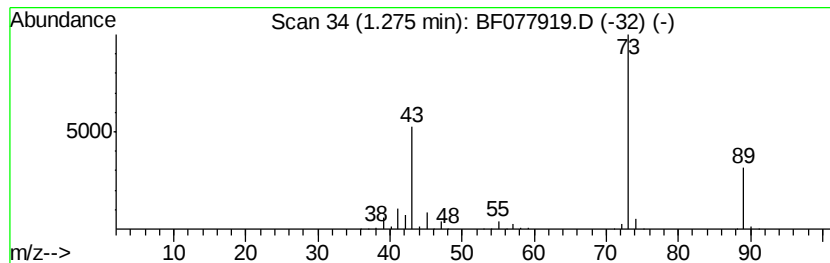
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown1.28 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 1.28 | 338.83 ng | 4031540 | 1,4-Dichlorobenzene-d4 | 7.12 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-      | 104 | C5H12O2 | 000077-76-9 | 38   |
| 2    |    | 1,3-Diaminoguanidine         | 89  | CH7N5   | 004364-78-7 | 9    |
| 3    |    | N-Ethylformamide             | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    | 1-Propanol, 2-methyl-        | 74  | C4H10O  | 000078-83-1 | 9    |
| 5    |    | Propane, 2-methoxy-2-methyl- | 88  | C5H12O  | 001634-04-4 | 9    |



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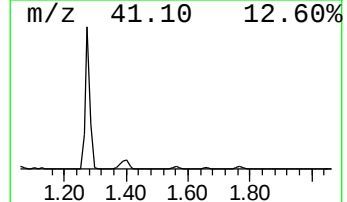
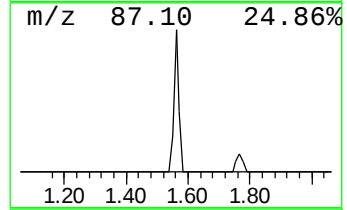
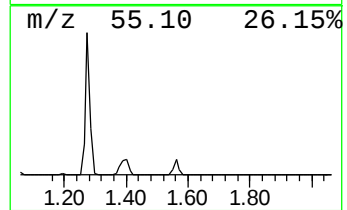
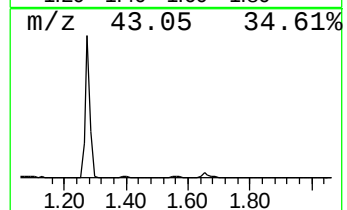
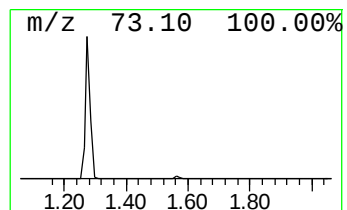
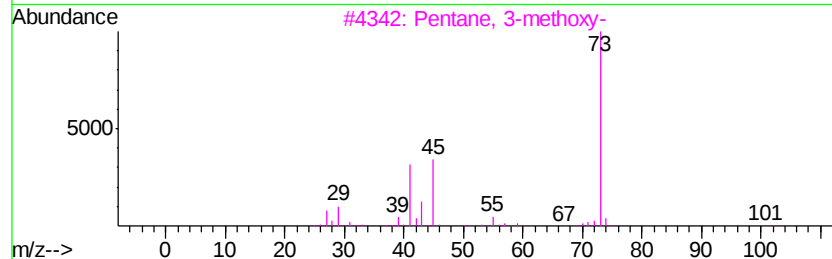
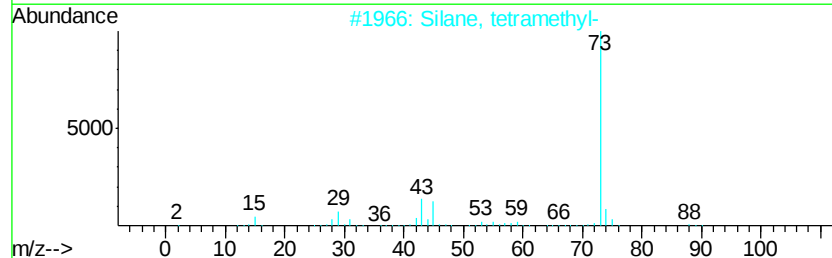
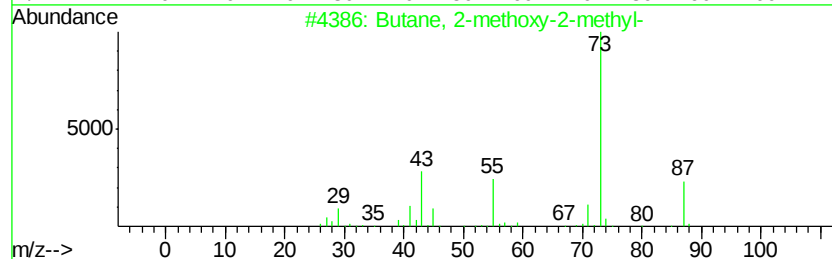
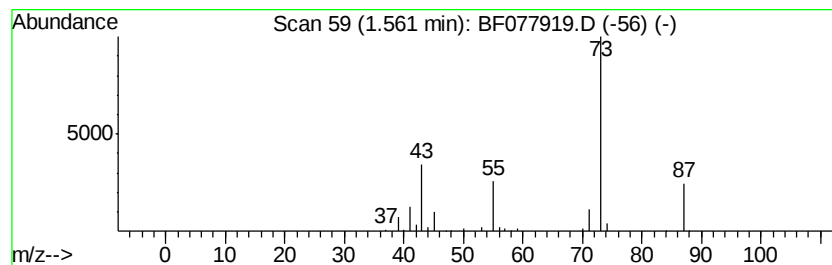
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 1.56 | 6.36 ng | 75681 | 1,4-Dichlorobenzene-d4 | 7.12 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 32   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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Instrument :  
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ClientSampleId :  
SB-1-2

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

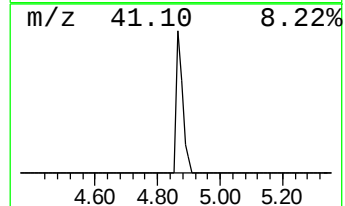
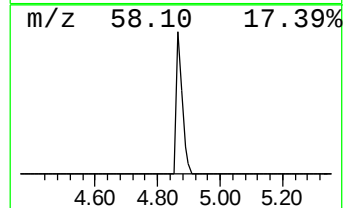
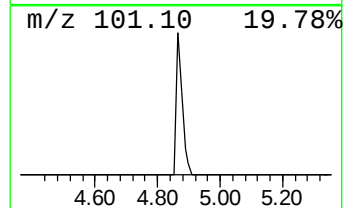
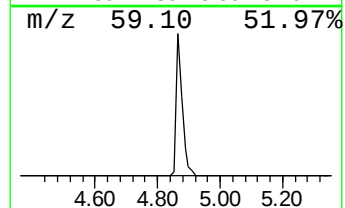
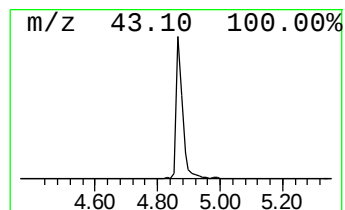
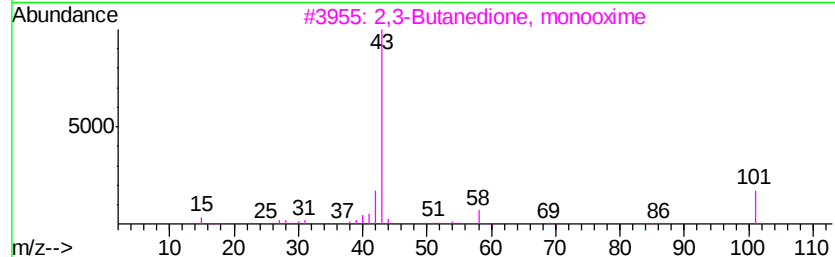
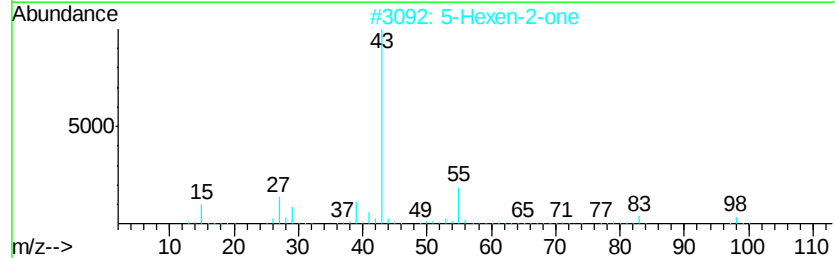
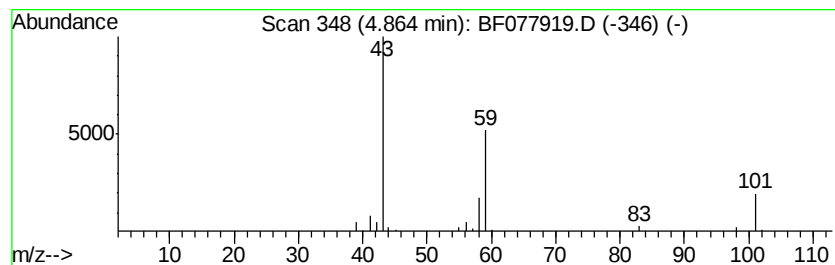
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.86 | 8.19 ng | 97455 | 1,4-Dichlorobenzene-d4 | 7.12 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53   |
| 2    |    | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |
| 3    |    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 9    |
| 4    |    | Morpholine, 4-methyl-            | 101 | C5H11NO | 000109-02-4 | 9    |
| 5    |    | 3-Hydroxy-3-methyl-2-butanone    | 102 | C5H10O2 | 000115-22-0 | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

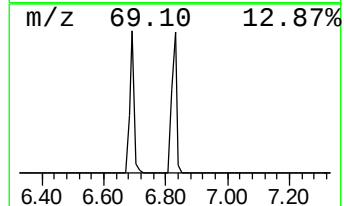
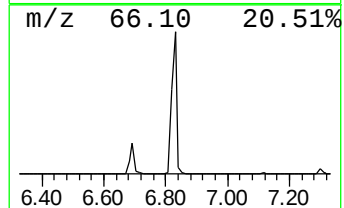
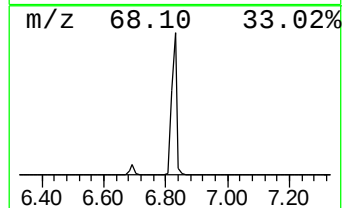
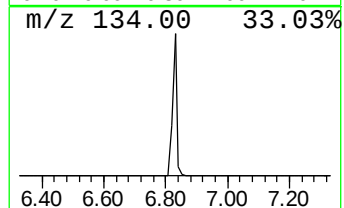
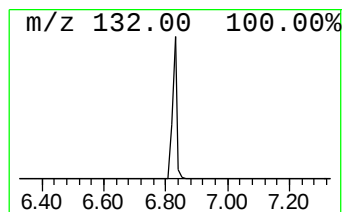
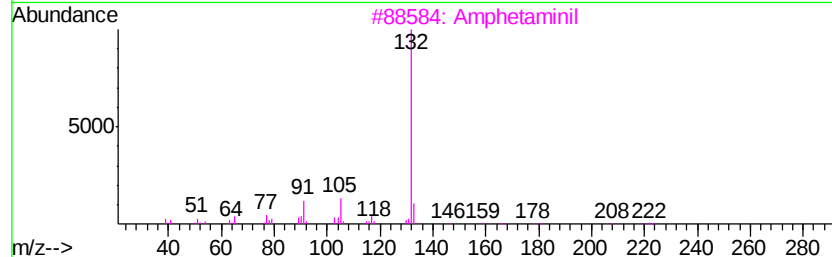
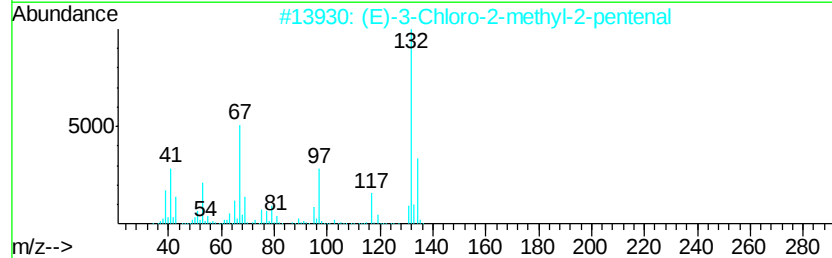
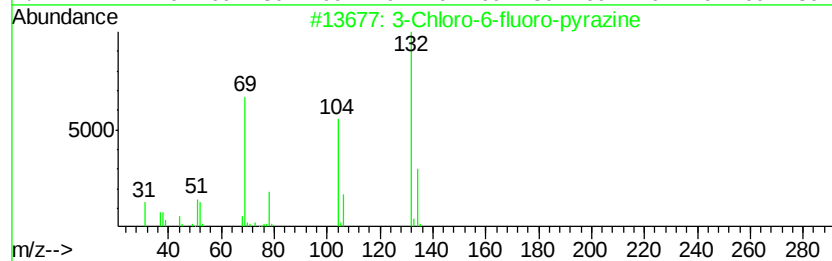
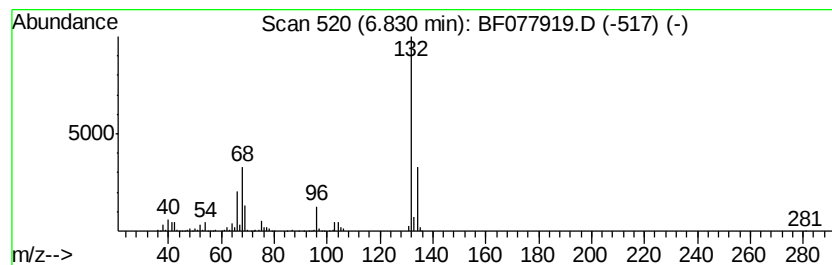
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown6.83 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.83 | 75.35 ng | 896601 | 1,4-Dichlorobenzene-d4 | 7.12 |

| 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    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown1.28          | 1.28 | 338.8   | ng    | 4031540  | 1                     | 7.12 | 237971 | 20.0 |
| Butane, 2-methoxy... | 1.56 | 6.4     | ng    | 75681    | 1                     | 7.12 | 237971 | 20.0 |
| 2-Pentanone, 4-hy... | 4.86 | 8.2     | ng    | 97455    | 1                     | 7.12 | 237971 | 20.0 |
| unknown6.83          | 6.83 | 75.3    | ng    | 896601   | 1                     | 7.12 | 237971 | 20.0 |