

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061015\  
 Data File : BF079880.D  
 Acq On : 11 Jun 2015 00:35  
 Operator : TP/IZ  
 Sample : G2574-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S2

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-BF060915.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         | 2.193       | 85            | 88          | 97           | rVB      | 97948          | 249863        | 9.48%           | 1.251%        |
| 2         | 2.318       | 97            | 99          | 102          | rVV      | 1574218        | 2277451       | 86.43%          | 11.398%       |
| 3         | 2.364       | 102           | 103         | 114          | rVB      | 553880         | 1093534       | 41.50%          | 5.473%        |
| 4         | 2.764       | 135           | 138         | 142          | rVB      | 240393         | 330788        | 12.55%          | 1.656%        |
| 5         | 5.645       | 387           | 390         | 394          | rBV      | 171176         | 181543        | 6.89%           | 0.909%        |
| 6         | 6.033       | 421           | 424         | 426          | rBV      | 1859195        | 1586777       | 60.22%          | 7.941%        |
| 7         | 7.016       | 507           | 510         | 512          | rBV      | 2083480        | 1734782       | 65.83%          | 8.682%        |
| 8         | 7.188       | 522           | 525         | 527          | rBV      | 1559015        | 1679993       | 63.76%          | 8.408%        |
| 9         | 7.416       | 543           | 545         | 547          | rBV      | 375854         | 299715        | 11.37%          | 1.500%        |
| 10        | 7.576       | 557           | 559         | 561          | rBV      | 1668352        | 1334476       | 50.64%          | 6.679%        |
| 11        | 7.976       | 591           | 594         | 596          | rBV      | 779568         | 915083        | 34.73%          | 4.580%        |
| 12        | 8.708       | 656           | 658         | 660          | rBV      | 500663         | 397003        | 15.07%          | 1.987%        |
| 13        | 9.782       | 750           | 752         | 754          | rVB      | 2787717        | 2199836       | 83.48%          | 11.010%       |
| 14        | 10.479      | 811           | 813         | 816          | rBV      | 522579         | 461170        | 17.50%          | 2.308%        |
| 15        | 11.279      | 880           | 883         | 885          | rBV2     | 908581         | 1082495       | 41.08%          | 5.418%        |
| 16        | 11.988      | 942           | 945         | 947          | rBV      | 601358         | 514855        | 19.54%          | 2.577%        |
| 17        | 13.657      | 1089          | 1091        | 1094         | rBV      | 2360104        | 2635066       | 100.00%         | 13.188%       |
| 18        | 14.914      | 1199          | 1201        | 1204         | rBV      | 476683         | 527383        | 20.01%          | 2.639%        |
| 19        | 16.811      | 1364          | 1367        | 1375         | rVB      | 295812         | 479225        | 18.19%          | 2.398%        |

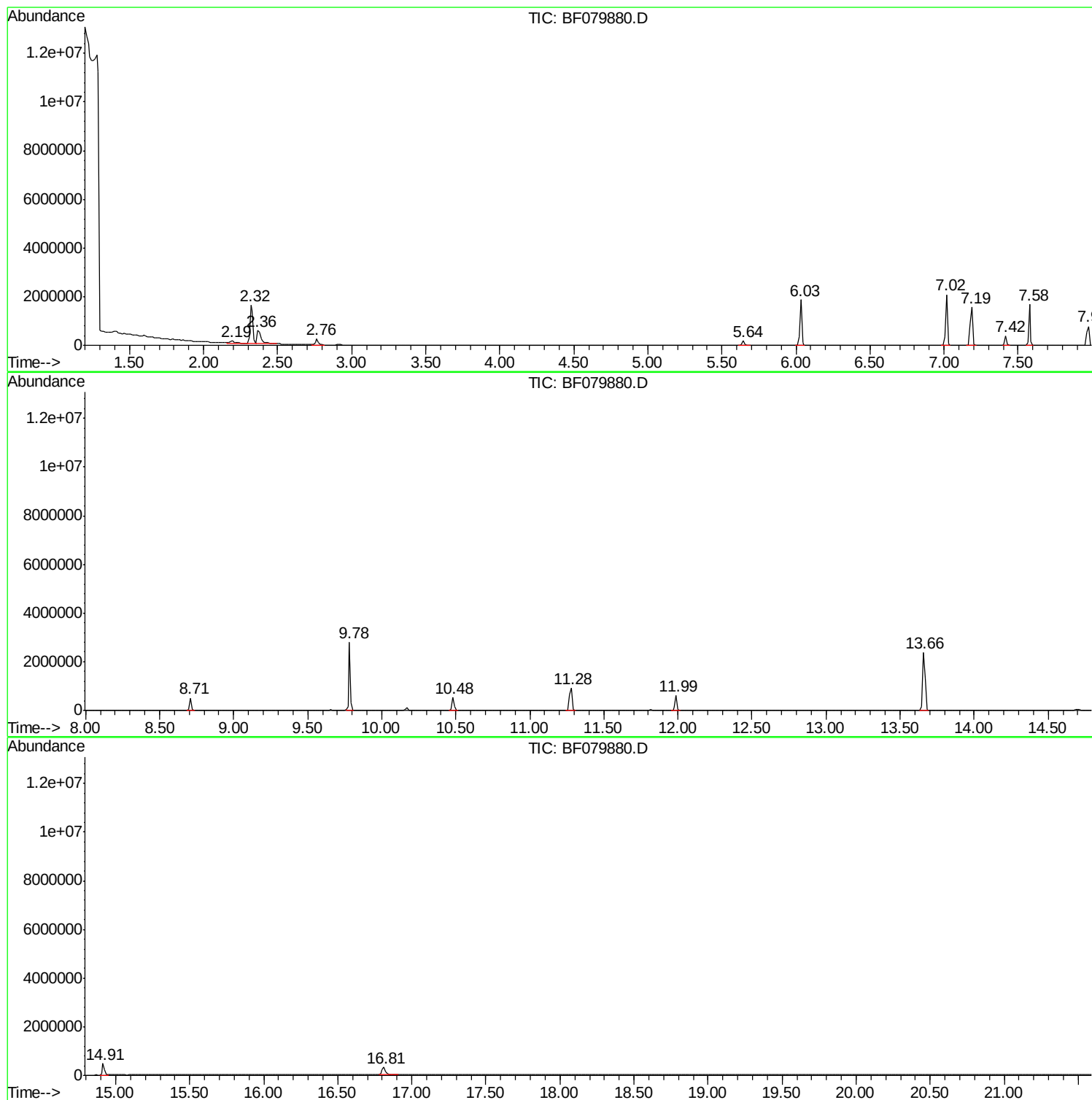
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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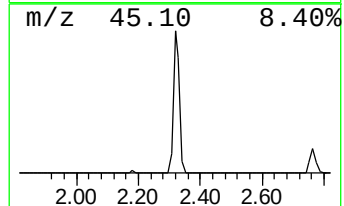
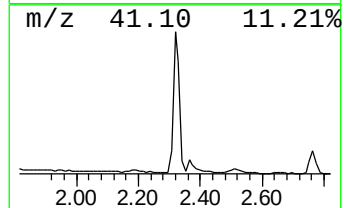
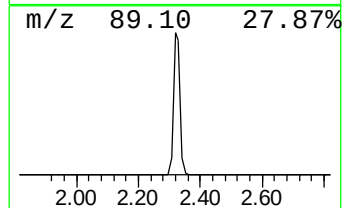
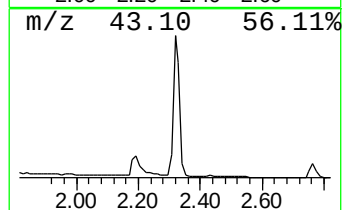
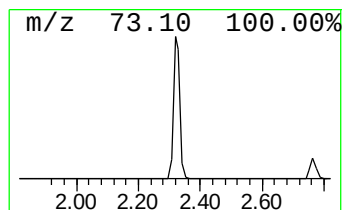
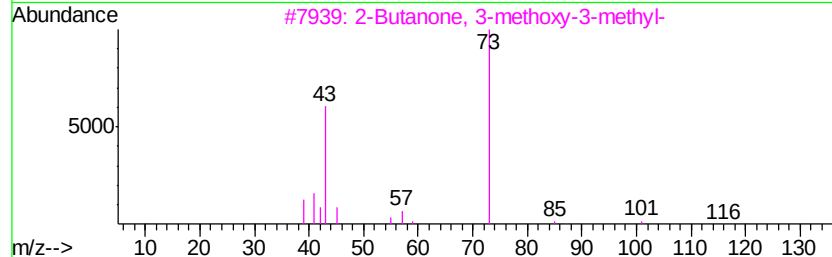
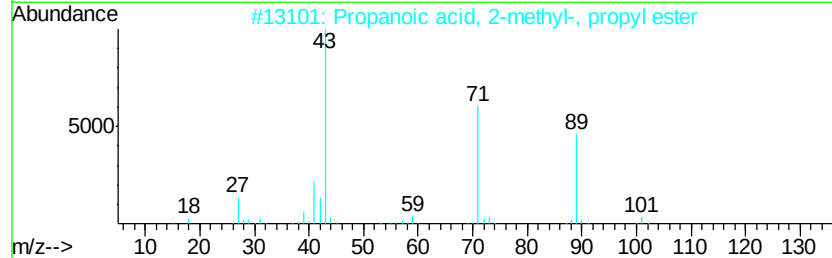
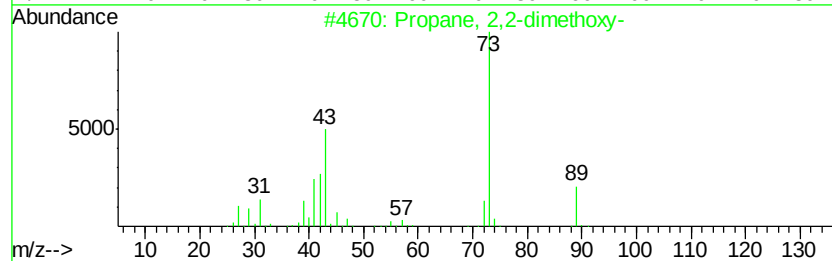
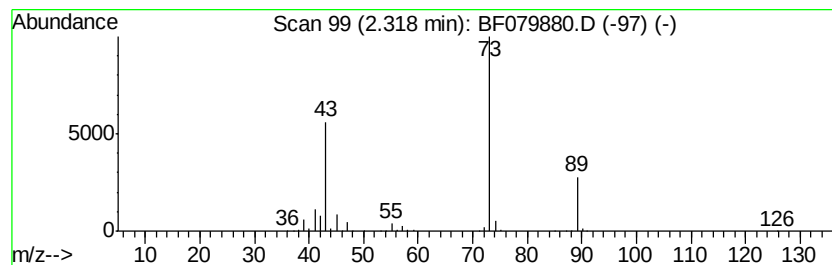
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 2.32 | 151.97 ng | 2277450 | 1,4-Dichlorobenzene-d4 | 7.42 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-             | 104 | C5H12O2  | 000077-76-9 | 72   |
| 2    |    | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2  | 000644-49-5 | 23   |
| 3    |    | 2-Butanone, 3-methoxy-3-methyl-     | 116 | C6H12O2  | 036687-98-6 | 9    |
| 4    |    | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5 | 9    |
| 5    |    | Propane, 2-methoxy-2-methyl-        | 88  | C5H12O   | 001634-04-4 | 9    |



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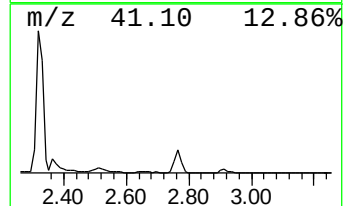
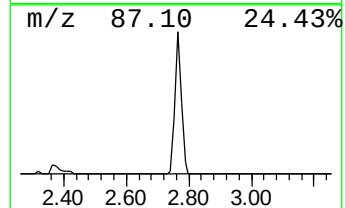
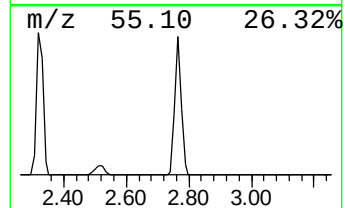
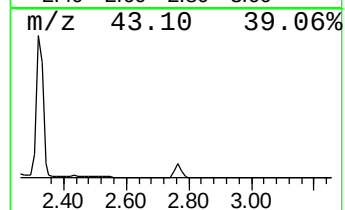
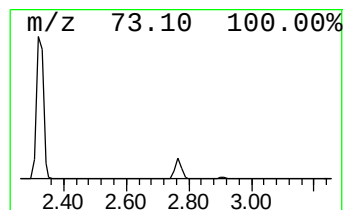
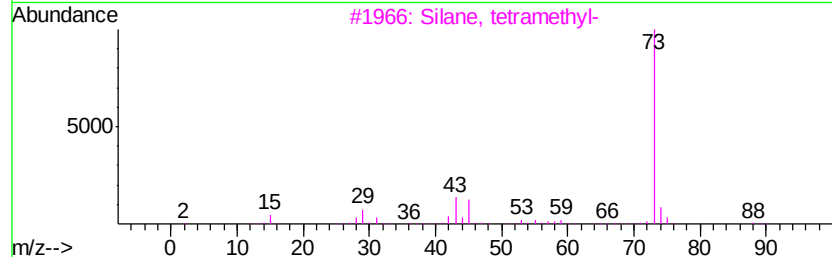
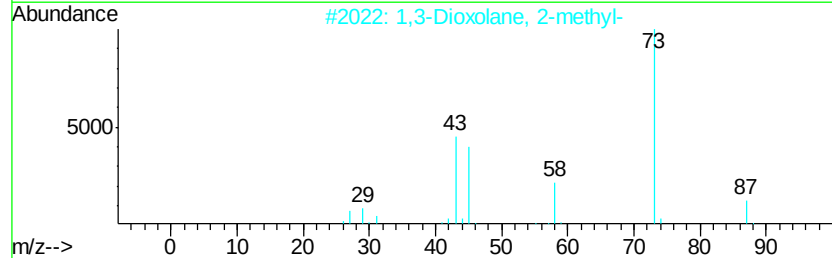
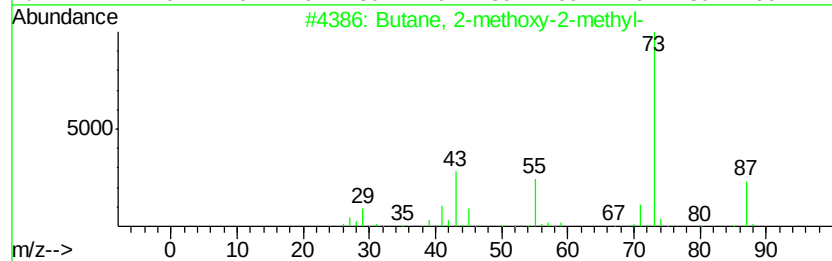
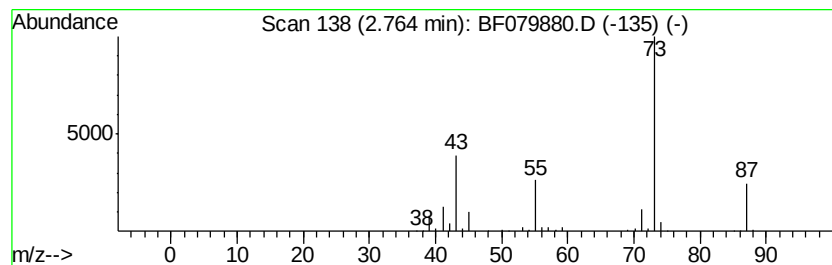
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.76 | 22.07 ng | 330788 | 1,4-Dichlorobenzene-d4 | 7.42 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 3    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S2

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

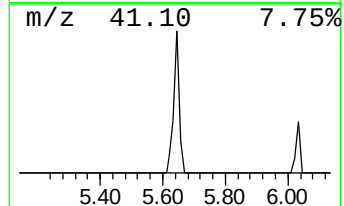
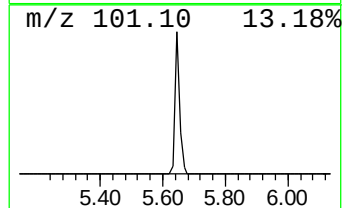
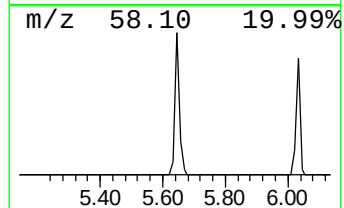
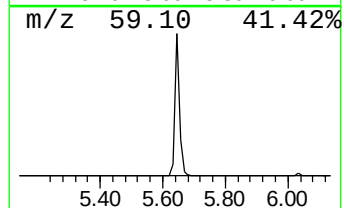
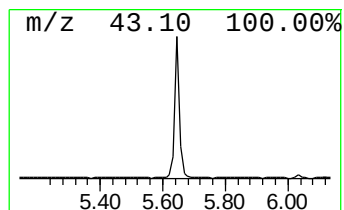
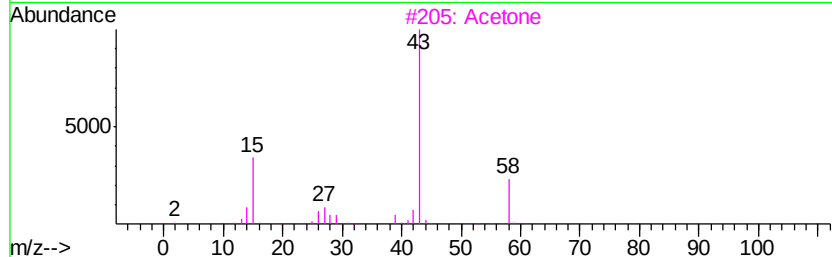
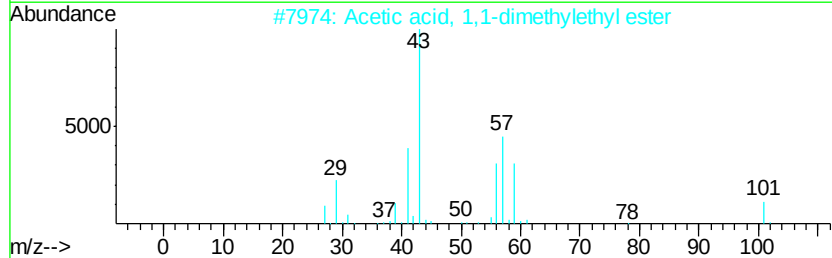
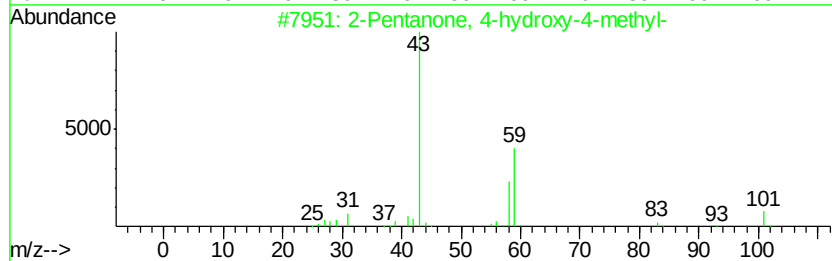
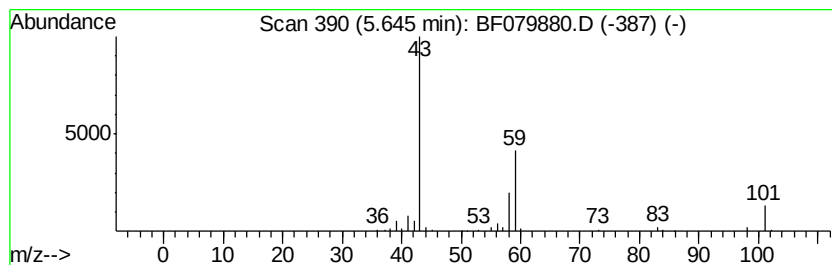
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.64 | 12.11 ng | 181543 | 1,4-Dichlorobenzene-d4 | 7.42 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 78      |      |      |
| 2    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 25      |      |      |
| 3    | Acetone                             | 58  | C3H6O        | 000067-64-1 | 16      |      |      |
| 4    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 12      |      |      |
| 5    | 4-Penten-2-one, 4-methyl-           | 98  | C6H10O       | 003744-02-3 | 9       |      |      |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

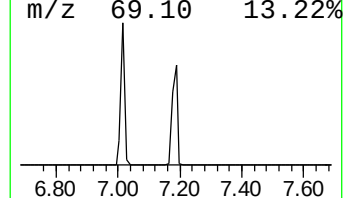
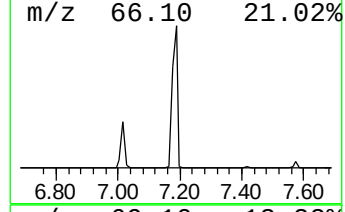
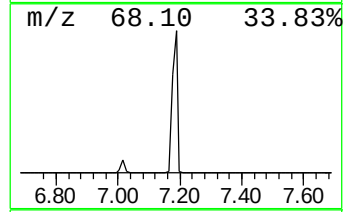
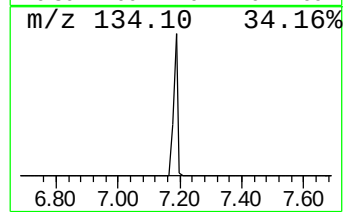
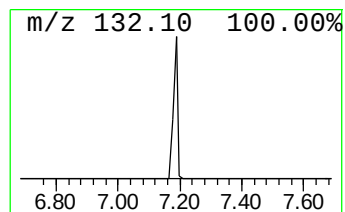
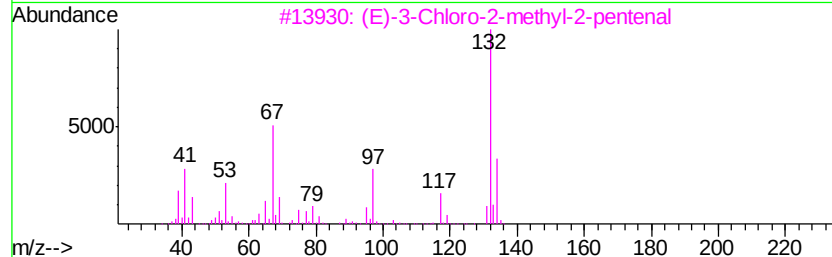
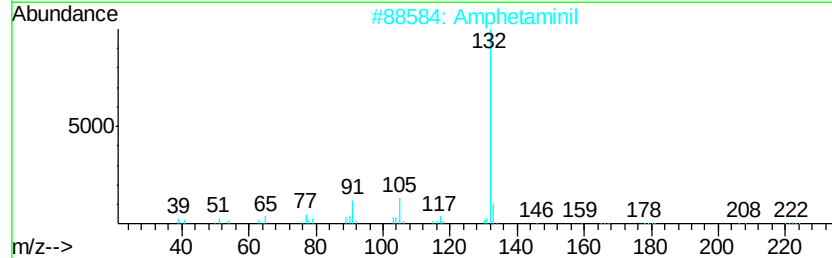
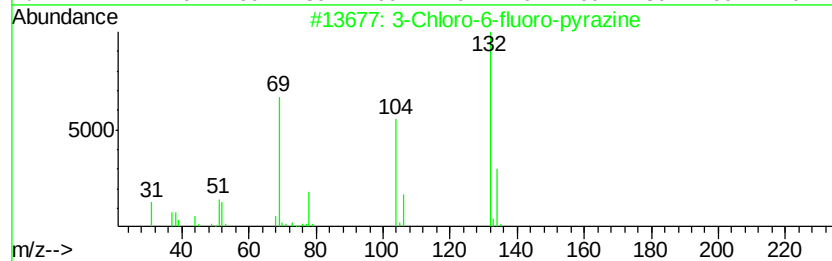
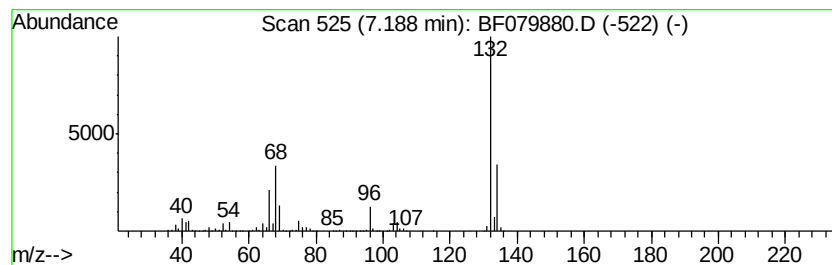
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown7.19 Concentration Rank 2

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.19 | 112.11 ng | 1679990 | 1,4-Dichlorobenzene-d4 | 7.42 |

| Hit# of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|---------|---|----------------------------------|-----|-----------|--------------|------|
| 1       |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2       |   | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 3       |   | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 4       |   | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5       |   | Tranlylcypromine-propionyl       | 189 | C12H15NO  | 1000123-86-3 | 12   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Propane, 2,2-dime... | 2.32 | 152.0   | ng    | 2277450  | 1                     | 7.42 | 299715 | 20.0 |
| Butane, 2-methoxy... | 2.76 | 22.1    | ng    | 330788   | 1                     | 7.42 | 299715 | 20.0 |
| 2-Pentanone, 4-hy... | 5.64 | 12.1    | ng    | 181543   | 1                     | 7.42 | 299715 | 20.0 |
| unknown7.19          | 7.19 | 112.1   | ng    | 1679990  | 1                     | 7.42 | 299715 | 20.0 |