

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071315\  
 Data File : BF080435.D  
 Acq On : 13 Jul 2015 19:34  
 Operator : TP/UM  
 Sample : G2945-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB

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-BF071015.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         | 2.156       | 4             | 6           | 15           | rBV      | 240834         | 357667        | 38.97%          | 5.686%        |
| 2         | 2.281       | 15            | 17          | 27           | rVB      | 394740         | 639912        | 69.73%          | 10.173%       |
| 3         | 4.750       | 232           | 233         | 238          | rBV      | 6669           | 10737         | 1.17%           | 0.171%        |
| 4         | 5.356       | 284           | 286         | 293          | rBV      | 79675          | 96987         | 10.57%          | 1.542%        |
| 5         | 5.767       | 320           | 322         | 335          | rVB      | 231483         | 250144        | 27.26%          | 3.977%        |
| 6         | 6.156       | 354           | 356         | 360          | rVB      | 20180          | 22654         | 2.47%           | 0.360%        |
| 7         | 6.773       | 409           | 410         | 420          | rBB      | 94376          | 139340        | 15.18%          | 2.215%        |
| 8         | 6.910       | 420           | 422         | 425          | rBV      | 626917         | 510518        | 55.63%          | 8.116%        |
| 9         | 7.127       | 440           | 441         | 444          | rBB      | 102961         | 130616        | 14.23%          | 2.076%        |
| 10        | 7.287       | 453           | 455         | 458          | rVB      | 392551         | 462975        | 50.45%          | 7.360%        |
| 11        | 7.699       | 489           | 491         | 493          | rBV      | 478853         | 377027        | 41.08%          | 5.994%        |
| 12        | 8.419       | 552           | 554         | 557          | rBV      | 209471         | 177088        | 19.30%          | 2.815%        |
| 13        | 9.116       | 613           | 615         | 622          | rBB      | 16052          | 25850         | 2.82%           | 0.411%        |
| 14        | 9.493       | 646           | 648         | 650          | rVB      | 1052402        | 816867        | 89.01%          | 12.986%       |
| 15        | 10.179      | 706           | 708         | 710          | rVB      | 260968         | 207454        | 22.60%          | 3.298%        |
| 16        | 10.968      | 775           | 777         | 780          | rBV      | 498946         | 428291        | 46.67%          | 6.809%        |
| 17        | 11.665      | 836           | 838         | 841          | rBB      | 176352         | 199582        | 21.75%          | 3.173%        |
| 18        | 12.168      | 880           | 882         | 885          | rBV      | 18445          | 17332         | 1.89%           | 0.276%        |
| 19        | 12.979      | 950           | 953         | 954          | rBV      | 8580           | 11263         | 1.23%           | 0.179%        |
| 20        | 13.288      | 978           | 980         | 982          | rBV      | 1009640        | 917757        | 100.00%         | 14.590%       |
| 21        | 14.431      | 1078          | 1080        | 1081         | rVB      | 10336          | 13436         | 1.46%           | 0.214%        |
| 22        | 14.477      | 1081          | 1084        | 1087         | rBV      | 260289         | 241396        | 26.30%          | 3.838%        |
| 23        | 16.203      | 1232          | 1235        | 1238         | rVB      | 155385         | 235423        | 25.65%          | 3.743%        |

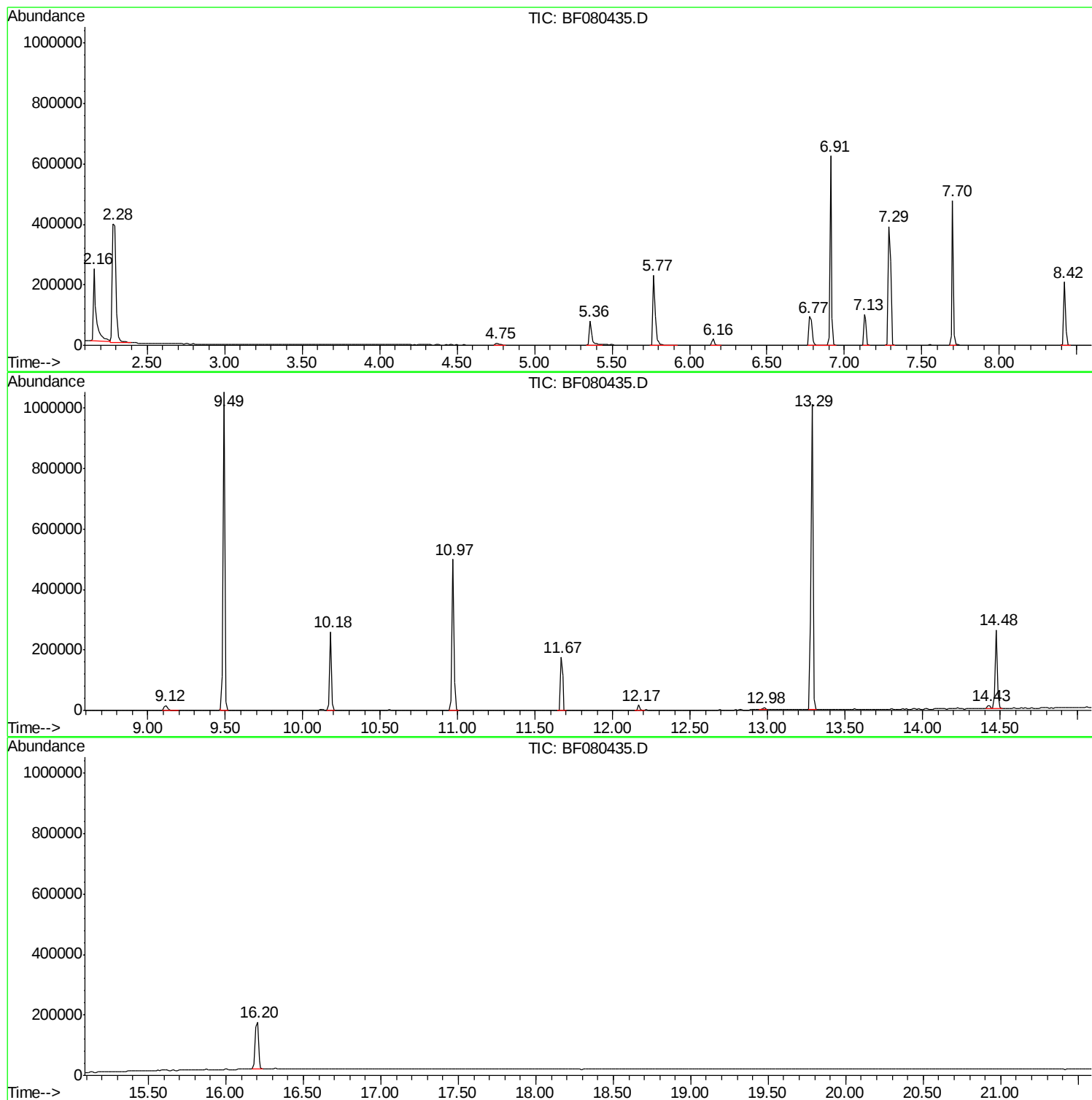
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
FB

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.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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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FB

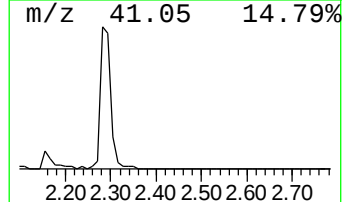
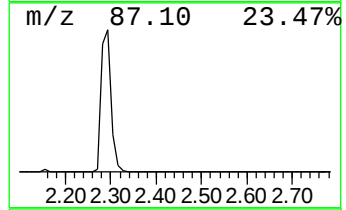
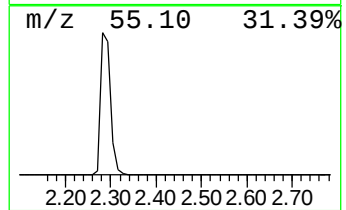
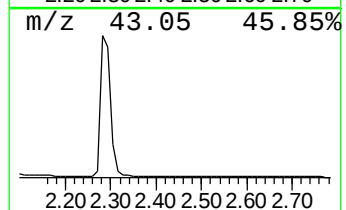
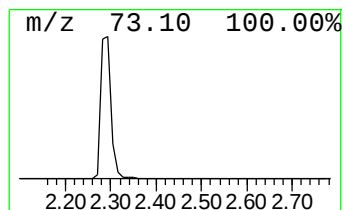
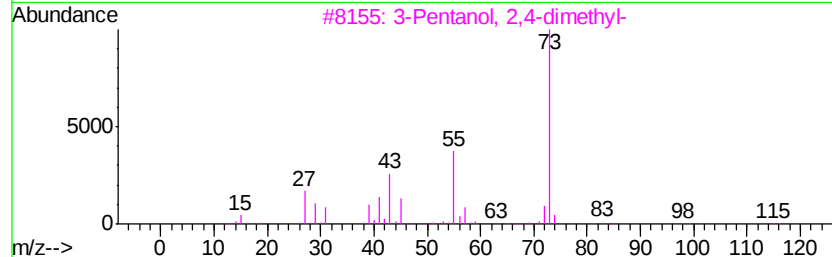
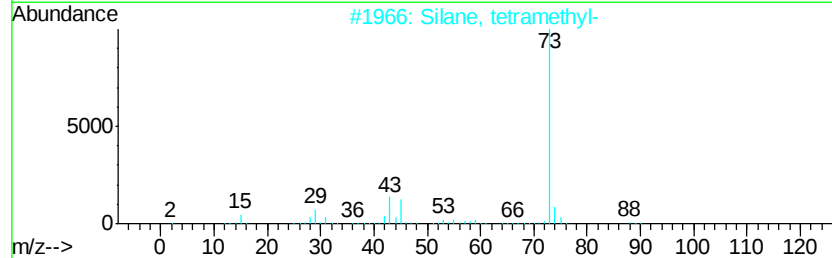
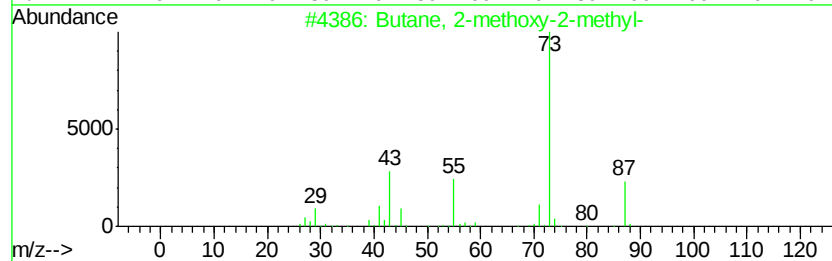
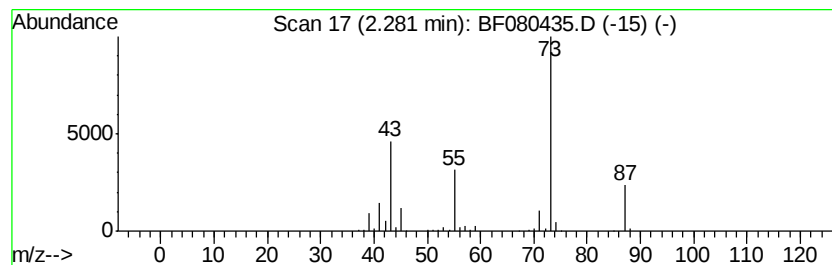
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.28 | 97.98 ng | 639912 | 1,4-Dichlorobenzene-d4 | 7.14 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 38   |
| 3    |    | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 32   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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ClientSampleId :  
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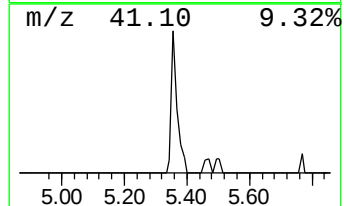
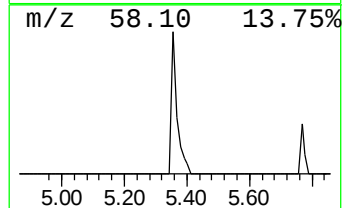
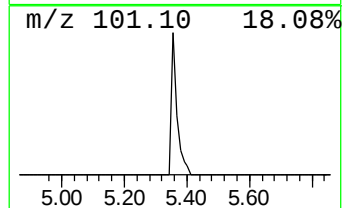
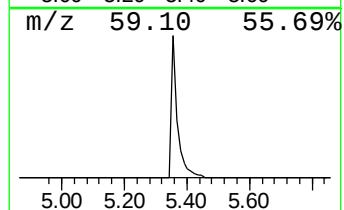
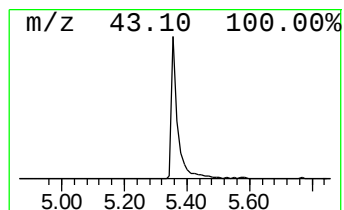
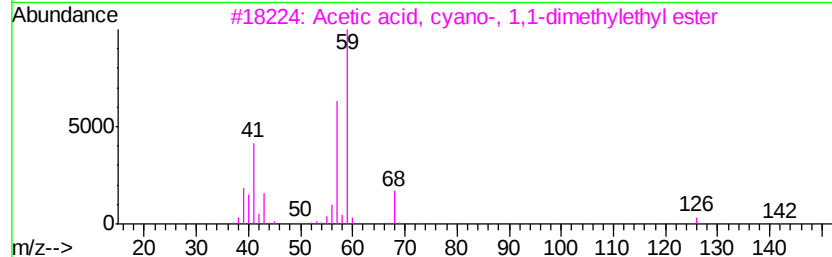
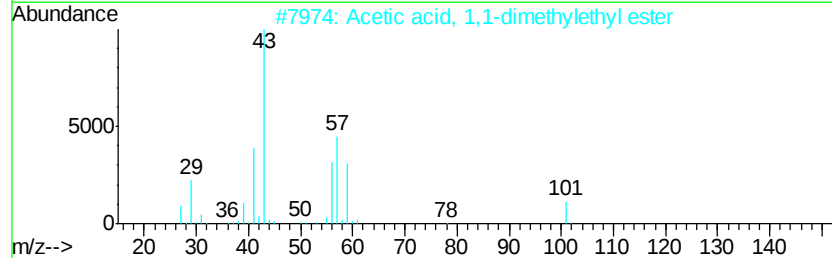
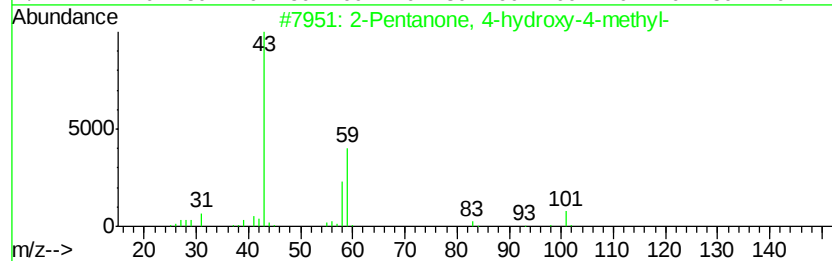
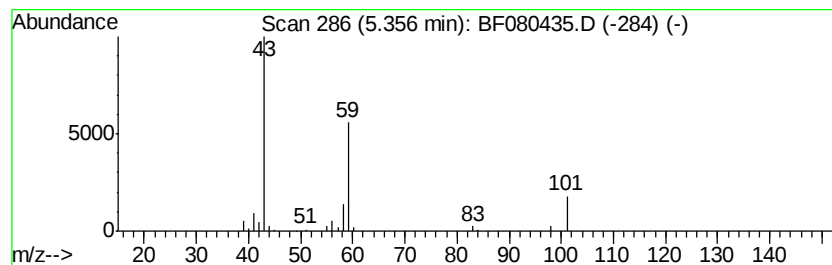
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown5.36 Concentration Rank 5

| R.T. | EstConc  | Area  | Relative to ISTD       | R.T. |
|------|----------|-------|------------------------|------|
| 5.36 | 14.85 ng | 96987 | 1,4-Dichlorobenzene-d4 | 7.14 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 45   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 28   |
| 3    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |    | Butyl aldoxime, 3-methyl-, syn-     | 101 | C5H11NO  | 005780-40-5 | 23   |
| 5    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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Instrument :  
BNA\_F  
ClientSampleId :  
FB

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

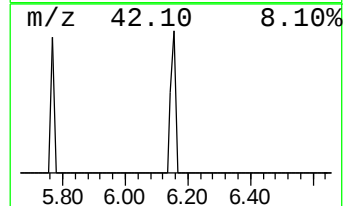
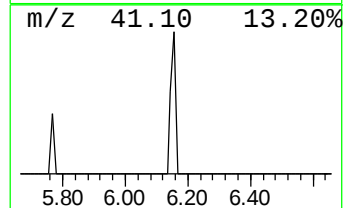
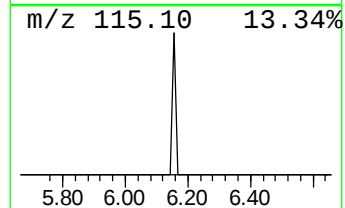
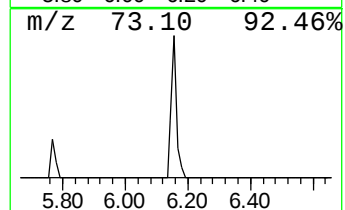
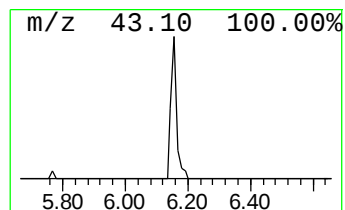
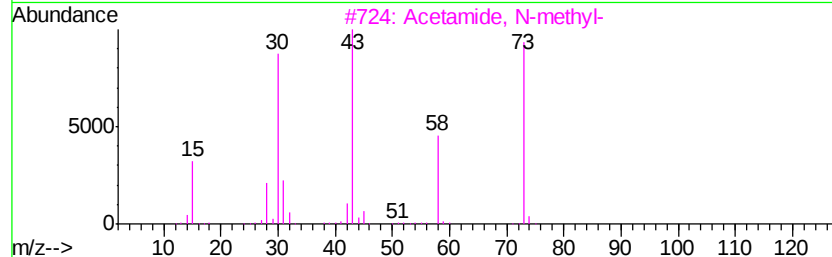
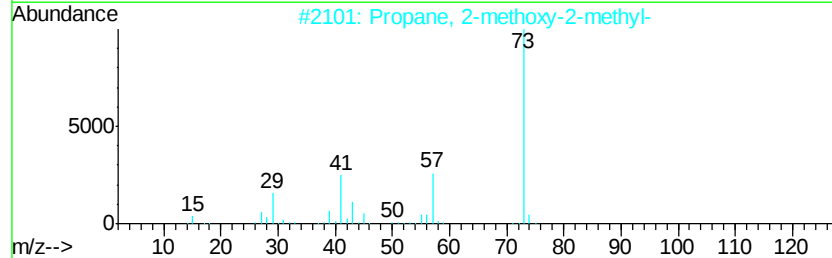
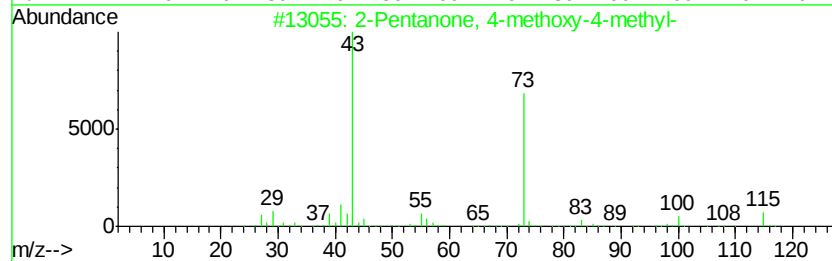
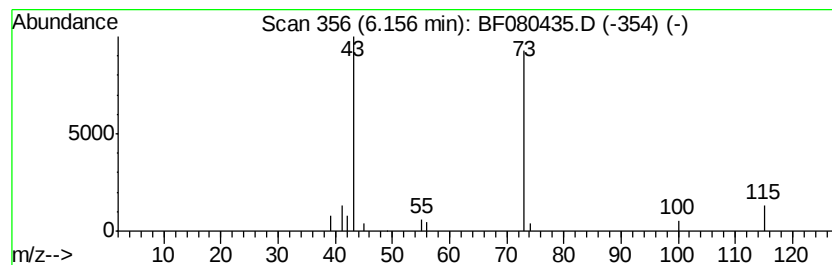
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 6.16 | 3.47 ng | 22654 | 1,4-Dichlorobenzene-d4 | 7.14 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-methoxy-4-methyl- | 130 | C7H14O2 | 000107-70-0 | 83   |
| 2    |    | Propane, 2-methoxy-2-methyl-     | 88  | C5H12O  | 001634-04-4 | 9    |
| 3    |    | Acetamide, N-methyl-             | 73  | C3H7NO  | 000079-16-3 | 7    |
| 4    |    | N-Ethylformamide                 | 73  | C3H7NO  | 000627-45-2 | 7    |
| 5    |    | 1-Methoxyethanimine, N-acetyl-   | 115 | C5H9NO2 | 099028-43-0 | 7    |



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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FB

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

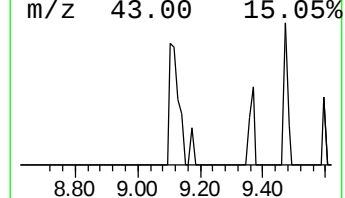
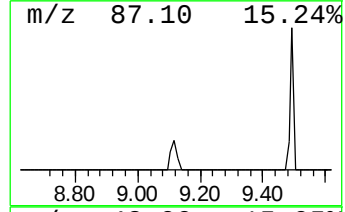
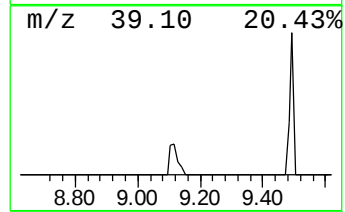
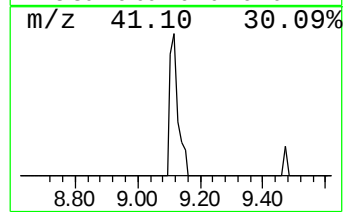
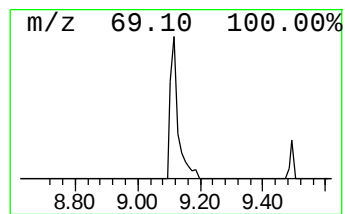
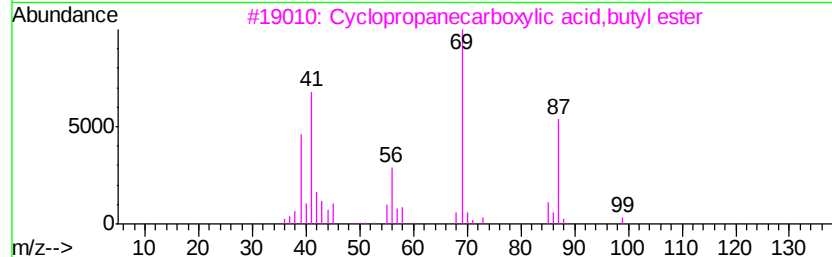
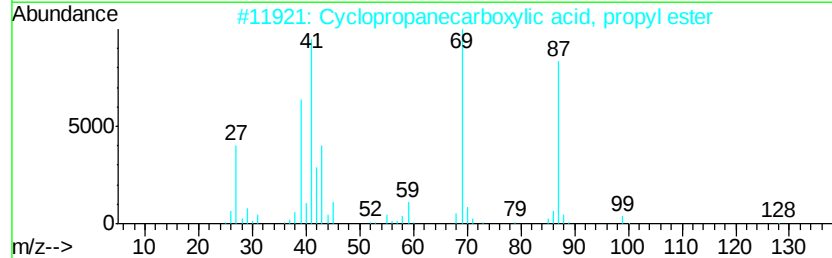
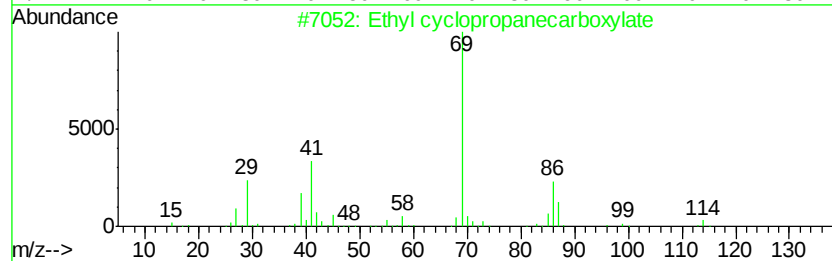
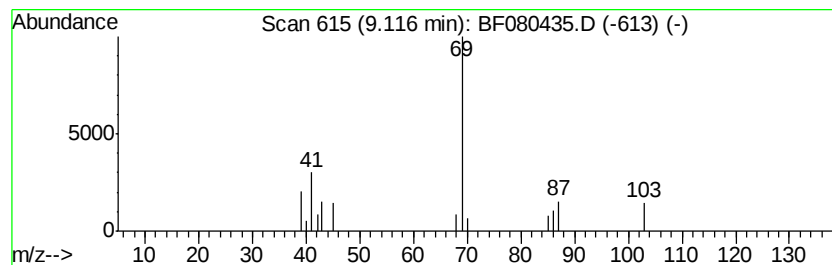
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown9.12 Concentration Rank 7

| R.T. | EstConc | Area  | Relative to ISTD | R.T. |
|------|---------|-------|------------------|------|
| 9.12 | 2.92 ng | 25850 | Naphthalene-d8   | 8.42 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethyl cyclopropanecarboxylate        | 114 | C6H10O2 | 004606-07-9 | 39   |
| 2    |    |   | Cyclopropanecarboxylic acid, pro...  | 128 | C7H12O2 | 060128-01-0 | 9    |
| 3    |    |   | Cyclopropanecarboxylic acid, buty... | 142 | C8H14O2 | 054947-39-6 | 9    |
| 4    |    |   | Cyclopropanecarboxylic acid, isob... | 142 | C8H14O2 | 064969-79-5 | 9    |
| 5    |    |   | 1,6-Hexanediamine                    | 116 | C6H16N2 | 000124-09-4 | 9    |



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

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.28 | 98.0    | ng    | 639912   | 1                     | 7.14 | 130616 | 20.0 |
| unknown5.36          | 5.36 | 14.9    | ng    | 96987    | 1                     | 7.14 | 130616 | 20.0 |
| 2-Pentanone, 4-me... | 6.16 | 3.5     | ng    | 22654    | 1                     | 7.14 | 130616 | 20.0 |
| unknown9.12          | 9.12 | 2.9     | ng    | 25850    | 2                     | 8.42 | 177088 | 20.0 |