

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022615\  
 Data File : BF077496.D  
 Acq On : 27 Feb 2015 7:51  
 Operator : TP/IZ  
 Sample : G1385-02  
 Misc : S  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-2-D910

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.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         | 1.424       | 44            | 47          | 49           | rBV      | 2671176        | 3087345       | 100.00%         | 17.579%       |
| 2         | 1.561       | 55            | 59          | 62           | rBV      | 88279          | 121214        | 3.93%           | 0.690%        |
| 3         | 1.733       | 71            | 74          | 76           | rBV      | 43637          | 52589         | 1.70%           | 0.299%        |
| 4         | 1.847       | 80            | 84          | 93           | rBV2     | 50735          | 102073        | 3.31%           | 0.581%        |
| 5         | 5.047       | 361           | 364         | 371          | rVB      | 195405         | 223232        | 7.23%           | 1.271%        |
| 6         | 5.562       | 406           | 409         | 411          | rBV      | 1067806        | 1105720       | 35.81%          | 6.296%        |
| 7         | 6.830       | 517           | 520         | 522          | rBV      | 1190798        | 1227709       | 39.77%          | 6.991%        |
| 8         | 6.979       | 530           | 533         | 536          | rVB      | 1335332        | 1223174       | 39.62%          | 6.965%        |
| 9         | 7.265       | 556           | 558         | 561          | rVB      | 324831         | 405408        | 13.13%          | 2.308%        |
| 10        | 7.459       | 572           | 575         | 577          | rVB      | 937837         | 908450        | 29.42%          | 5.173%        |
| 11        | 7.962       | 616           | 619         | 621          | rBV      | 773831         | 742730        | 24.06%          | 4.229%        |
| 12        | 8.842       | 694           | 696         | 699          | rVB      | 540991         | 550400        | 17.83%          | 3.134%        |
| 13        | 10.191      | 812           | 814         | 817          | rBV      | 1676073        | 1460742       | 47.31%          | 8.317%        |
| 14        | 10.694      | 856           | 858         | 861          | rBV      | 88008          | 79958         | 2.59%           | 0.455%        |
| 15        | 11.025      | 885           | 887         | 889          | rVB      | 583956         | 665076        | 21.54%          | 3.787%        |
| 16        | 11.916      | 963           | 965         | 967          | rBV      | 26255          | 31629         | 1.02%           | 0.180%        |
| 17        | 11.996      | 970           | 972         | 975          | rBV      | 852973         | 948230        | 30.71%          | 5.399%        |
| 18        | 12.865      | 1045          | 1048        | 1050         | rBV      | 831517         | 769258        | 24.92%          | 4.380%        |
| 19        | 14.865      | 1220          | 1223        | 1225         | rBV      | 1794782        | 1819250       | 58.93%          | 10.359%       |
| 20        | 16.031      | 1322          | 1325        | 1333         | rBV      | 120309         | 176915        | 5.73%           | 1.007%        |
| 21        | 16.157      | 1333          | 1336        | 1339         | rBV      | 884838         | 896776        | 29.05%          | 5.106%        |
| 22        | 17.323      | 1436          | 1438        | 1441         | rBV      | 28792          | 36224         | 1.17%           | 0.206%        |
| 23        | 17.894      | 1485          | 1488        | 1491         | rBV      | 723782         | 928416        | 30.07%          | 5.286%        |

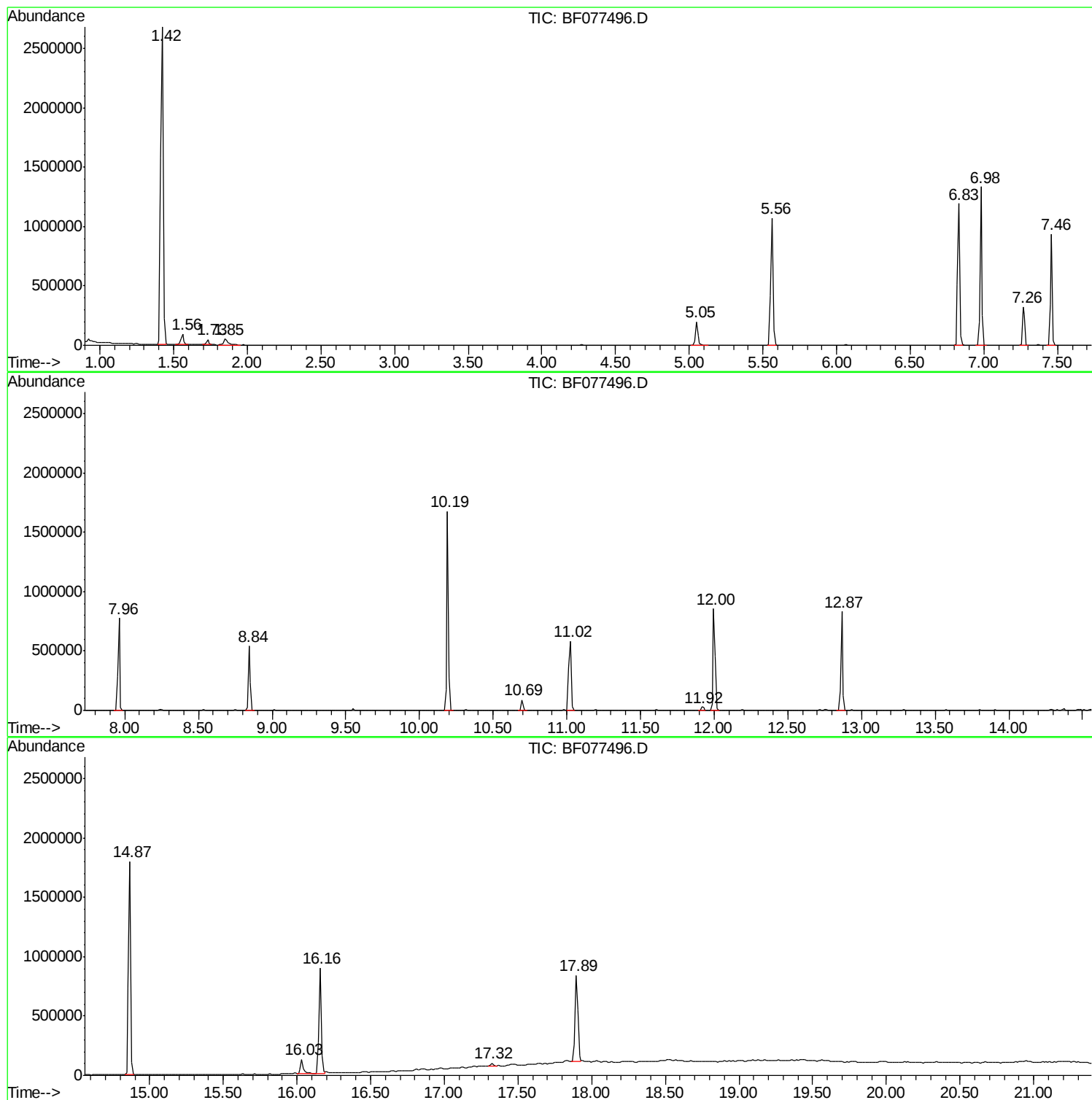
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Misc : S  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2-D910

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.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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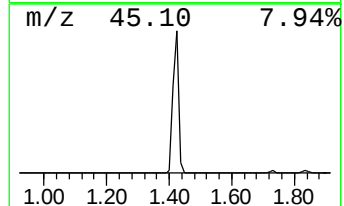
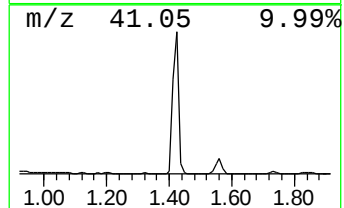
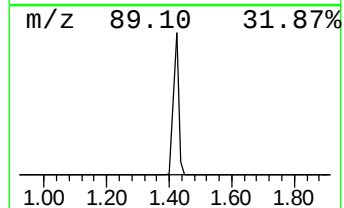
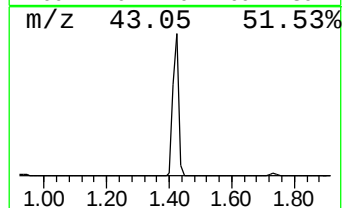
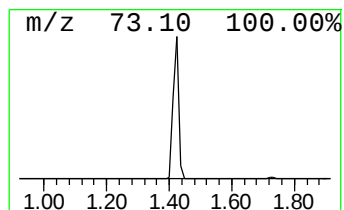
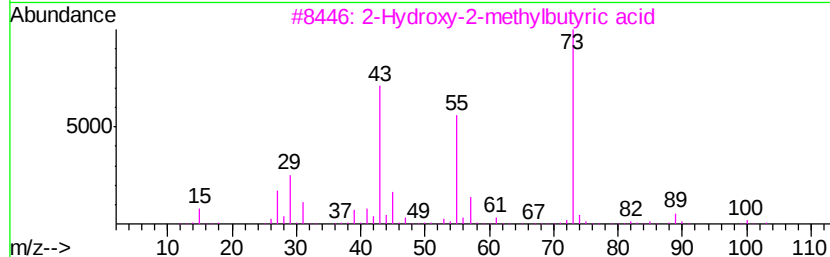
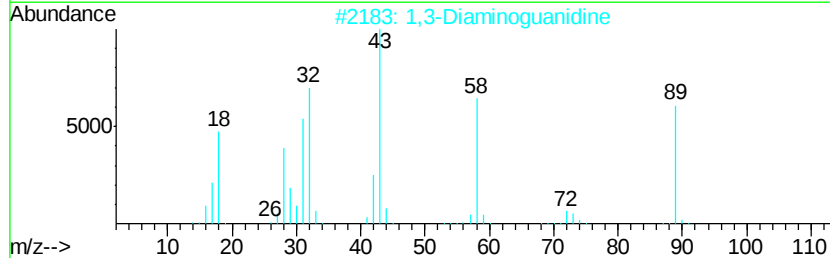
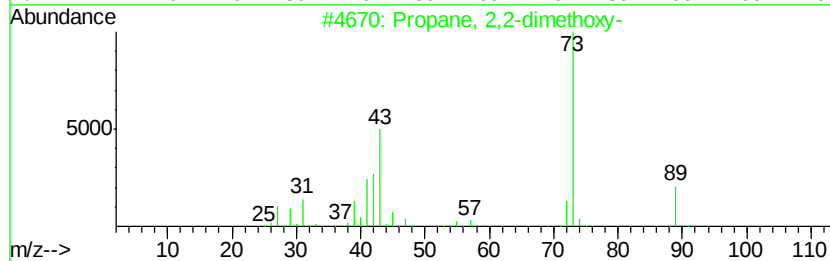
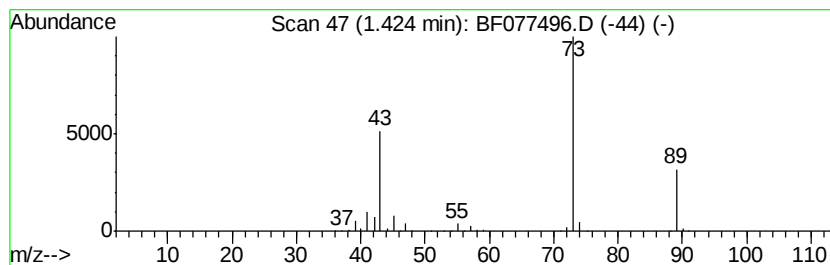
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown1.42 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 1.42 | 152.31 ng | 3087350 | 1,4-Dichlorobenzene-d4 | 7.27 |

| 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    |    | 2-Hydroxy-2-methylbutyric acid      | 118 | C5H10O3  | 003739-30-8 | 9    |
| 4    |    | Propane, 2-methoxy-2-methyl-        | 88  | C5H12O   | 001634-04-4 | 9    |
| 5    |    | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5 | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

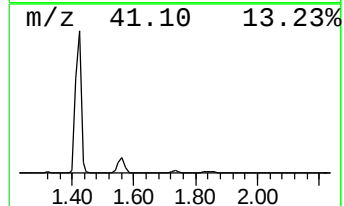
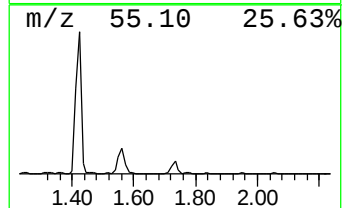
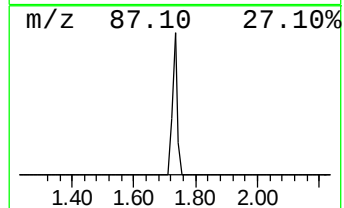
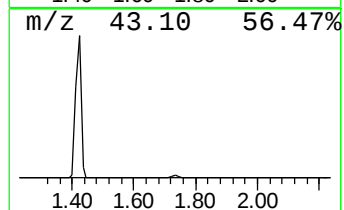
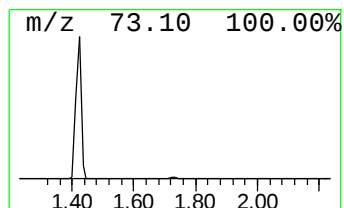
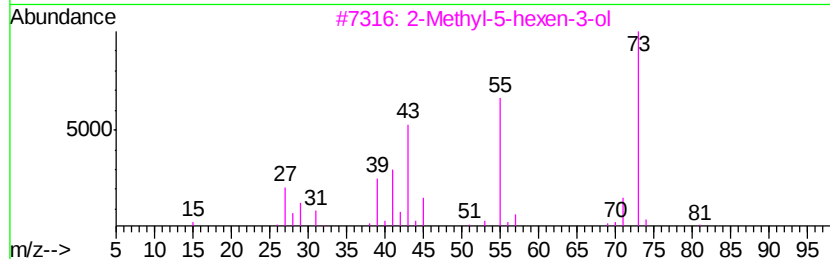
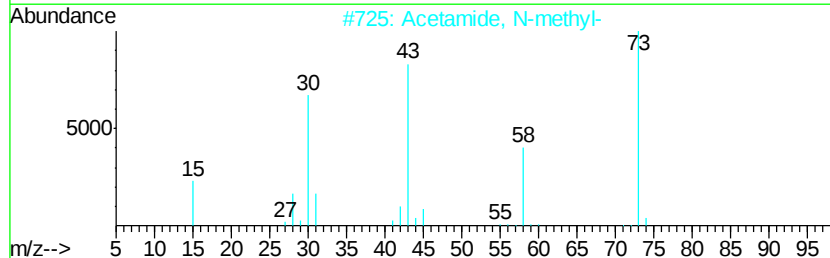
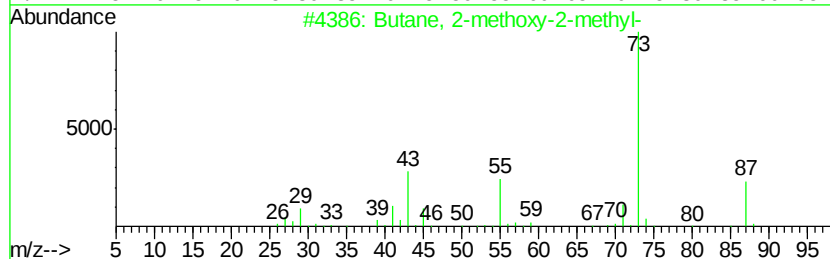
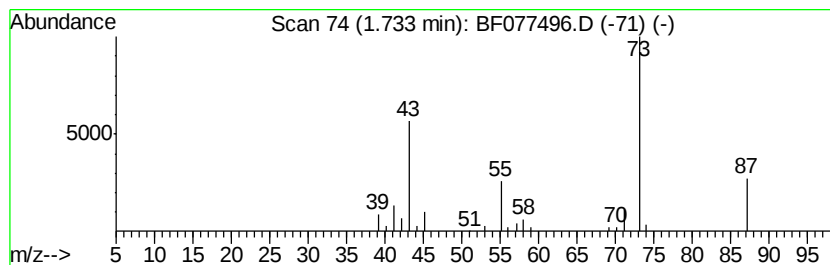
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 1.73 | 2.59 ng | 52589 | 1,4-Dichlorobenzene-d4 | 7.27 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 59   |
| 2    |    | Acetamide, N-methyl-        | 73  | C3H7NO  | 000079-16-3 | 35   |
| 3    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 32   |
| 4    |    | 1-Hepten-4-ol               | 114 | C7H14O  | 003521-91-3 | 17   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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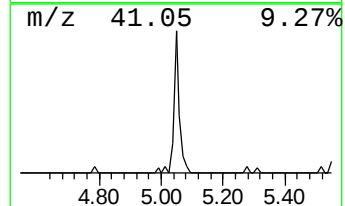
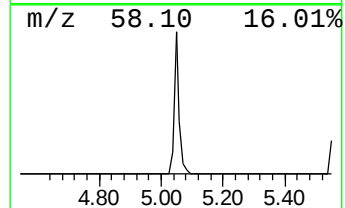
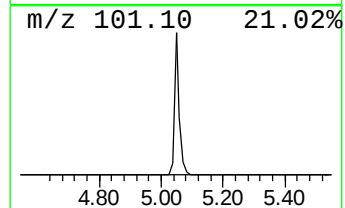
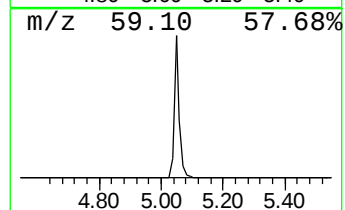
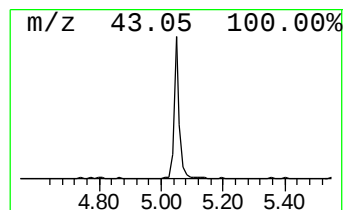
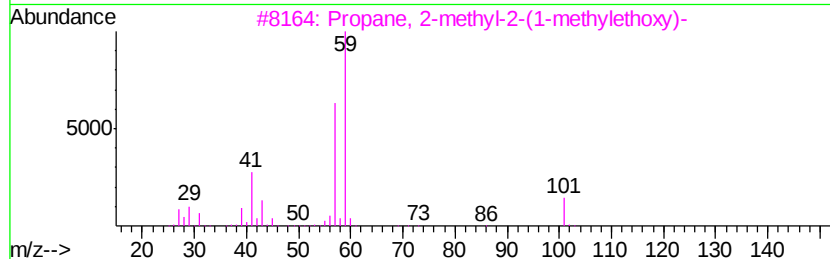
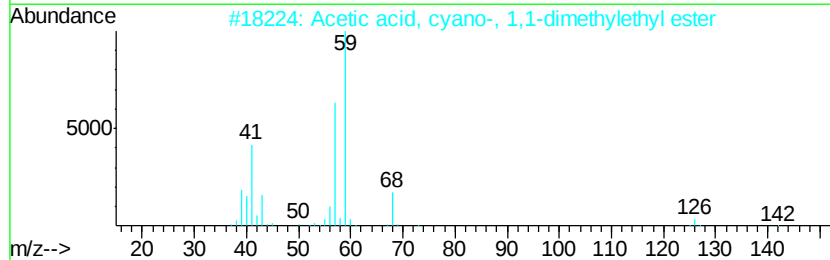
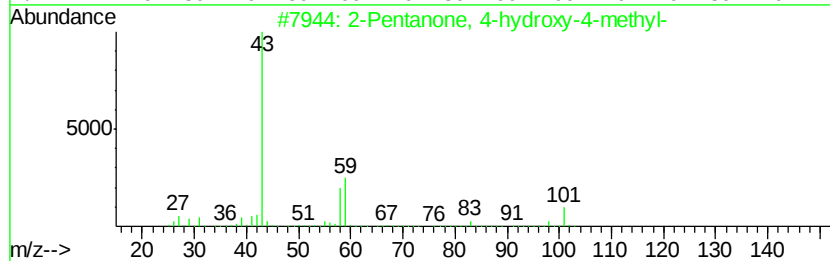
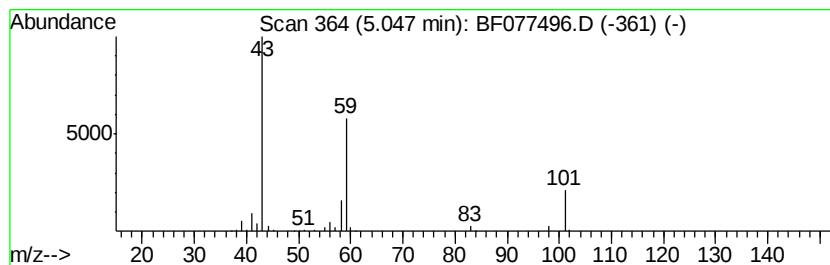
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.05 | 11.01 ng | 223232 | 1,4-Dichlorobenzene-d4 | 7.27 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 3    |    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 23   |
| 4    |    | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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B-2-D910

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

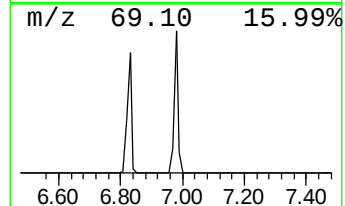
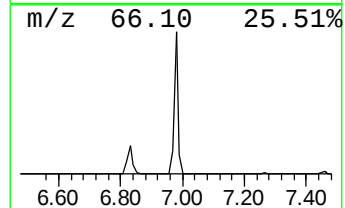
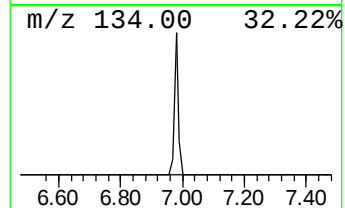
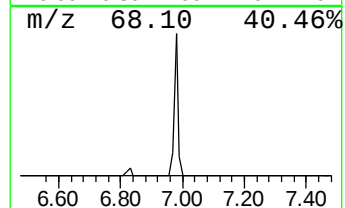
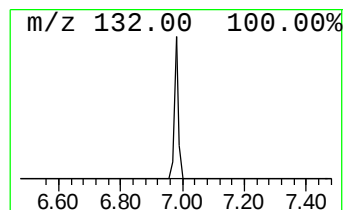
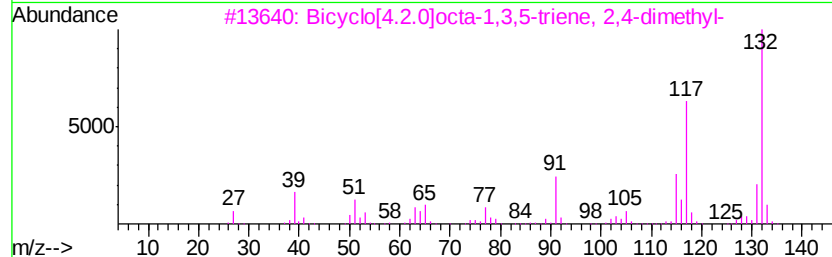
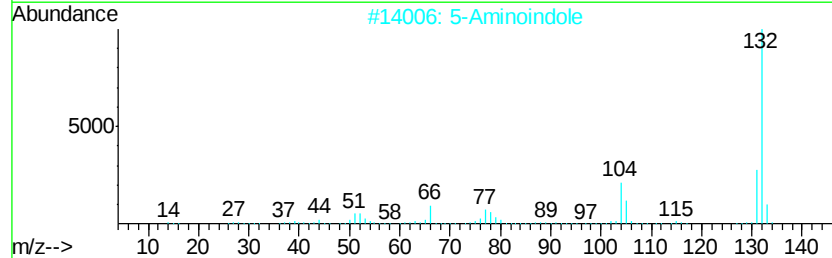
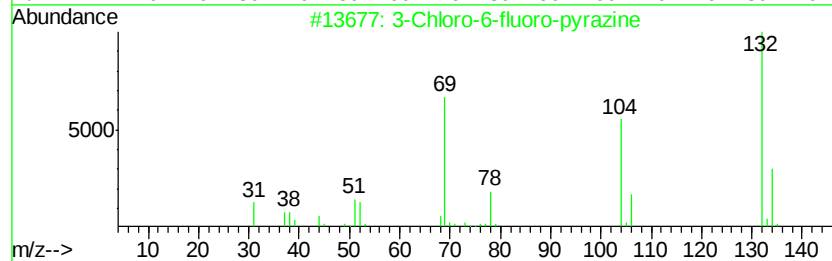
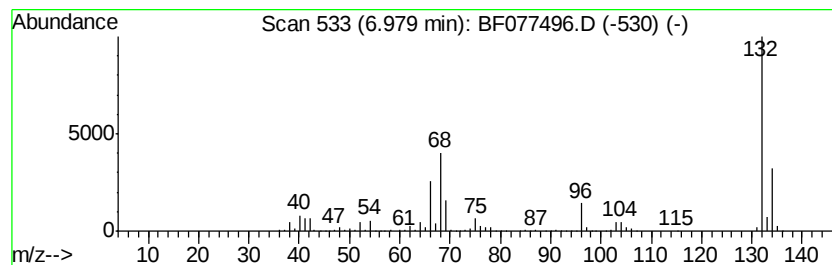
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown6.98 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.98 | 60.34 ng | 1223170 | 1,4-Dichlorobenzene-d4 | 7.27 |

| Hit# | of | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|--------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine           | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Aminoindole                        | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene, ... | 132 | C10H12    | 028749-81-7  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal     | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | 1H-Benzimidazole, 2-methyl-          | 132 | C8H8N2    | 000615-15-6  | 9    |



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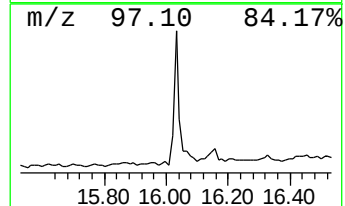
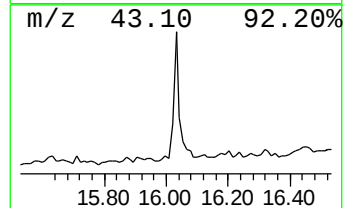
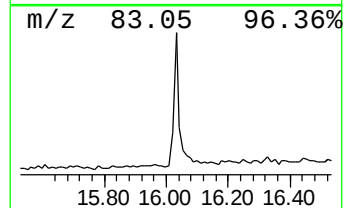
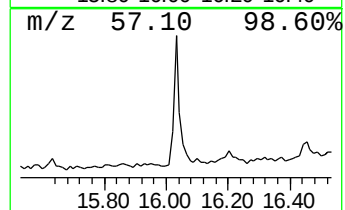
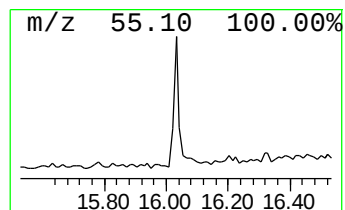
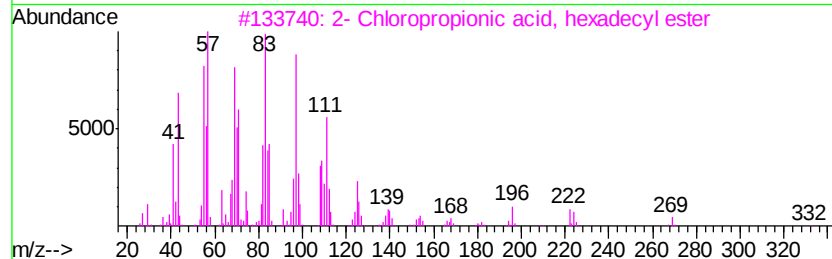
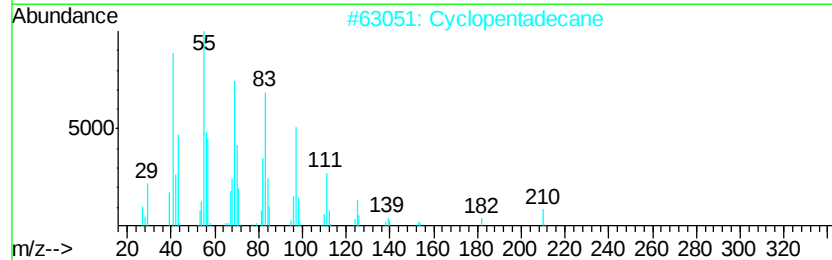
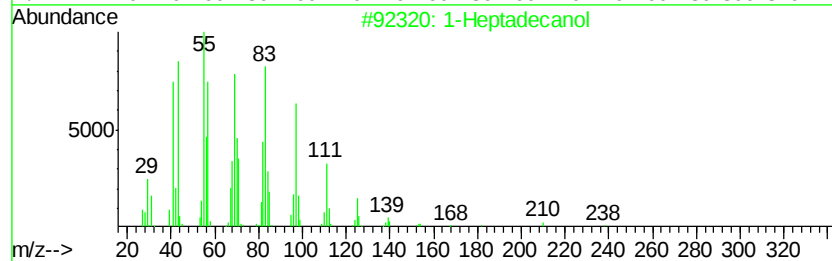
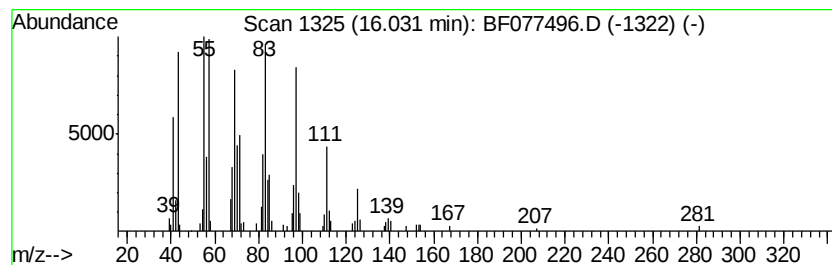
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 1-Heptadecanol Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.03 | 3.95 ng | 176915 | Chrysene-d12     | 16.16 |

| Hit# of | 5                                   | Tentative ID | MW          | MolForm      | CAS# | Qual |
|---------|-------------------------------------|--------------|-------------|--------------|------|------|
| 1       | 1-Heptadecanol                      | 256          | C17H36O     | 001454-85-9  | 91   |      |
| 2       | Cyclopentadecane                    | 210          | C15H30      | 000295-48-7  | 91   |      |
| 3       | 2- Chloropropionic acid, hexadec... | 332          | C19H37ClO2  | 086711-81-1  | 91   |      |
| 4       | 3-Eicosene, (E)-                    | 280          | C20H40      | 074685-33-9  | 90   |      |
| 5       | Dichloroacetic acid, heptadecyl ... | 366          | C19H36Cl2O2 | 1000282-98-2 | 90   |      |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022615\  
Data File : BF077496.D  
Acq On : 27 Feb 2015 7:51  
Operator : TP/IZ  
Sample : G1385-02  
Misc : S  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
B-2-D910

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown1.42          | 1.42  | 152.3   | ng    | 3087350  | 1                     | 7.27  | 405408 | 20.0 |
| Butane, 2-methoxy... | 1.73  | 2.6     | ng    | 52589    | 1                     | 7.27  | 405408 | 20.0 |
| 2-Pentanone, 4-hy... | 5.05  | 11.0    | ng    | 223232   | 1                     | 7.27  | 405408 | 20.0 |
| unknown6.98          | 6.98  | 60.3    | ng    | 1223170  | 1                     | 7.27  | 405408 | 20.0 |
| 1-Heptadecanol       | 16.03 | 4.0     | ng    | 176915   | 5                     | 16.16 | 896776 | 20.0 |