

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051515\  
 Data File : BG017182.D  
 Acq On : 15 May 2015 18:58  
 Operator : TP/IZ  
 Sample : G2234-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW9

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\_G\METHODS\8270-BG051315.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         | 2.792       | 14            | 18          | 27           | rBV      | 106924         | 186184        | 5.33%           | 1.065%        |
| 2         | 2.875       | 27            | 32          | 45           | rVB      | 450571         | 595972        | 17.06%          | 3.408%        |
| 3         | 4.813       | 357           | 362         | 369          | rBV      | 42083          | 54256         | 1.55%           | 0.310%        |
| 4         | 5.301       | 437           | 445         | 451          | rBV      | 460669         | 669090        | 19.15%          | 3.826%        |
| 5         | 6.905       | 708           | 718         | 727          | rBV      | 310947         | 473279        | 13.55%          | 2.706%        |
| 6         | 7.246       | 769           | 776         | 784          | rBV      | 857009         | 1309730       | 37.49%          | 7.489%        |
| 7         | 7.704       | 846           | 854         | 861          | rVB      | 189516         | 301526        | 8.63%           | 1.724%        |
| 8         | 8.021       | 901           | 908         | 916          | rBV      | 701810         | 1136639       | 32.54%          | 6.499%        |
| 9         | 8.868       | 1042          | 1052        | 1059         | rBV      | 640066         | 1036930       | 29.69%          | 5.929%        |
| 10        | 10.501      | 1322          | 1330        | 1337         | rBV      | 252243         | 418340        | 11.98%          | 2.392%        |
| 11        | 12.980      | 1745          | 1752        | 1759         | rVB      | 1529268        | 2236710       | 64.03%          | 12.789%       |
| 12        | 13.815      | 1887          | 1894        | 1899         | rBV      | 52633          | 76130         | 2.18%           | 0.435%        |
| 13        | 14.361      | 1980          | 1987        | 1997         | rVB2     | 386061         | 590609        | 16.91%          | 3.377%        |
| 14        | 15.853      | 2233          | 2241        | 2249         | rBV      | 1527645        | 2066845       | 59.17%          | 11.818%       |
| 15        | 17.105      | 2447          | 2454        | 2461         | rBV2     | 568134         | 790112        | 22.62%          | 4.518%        |
| 16        | 18.010      | 2602          | 2608        | 2614         | rBV2     | 83777          | 117280        | 3.36%           | 0.671%        |
| 17        | 19.291      | 2820          | 2826        | 2831         | rBV      | 60859          | 77099         | 2.21%           | 0.441%        |
| 18        | 19.743      | 2896          | 2903        | 2908         | rBV      | 2963209        | 3493091       | 100.00%         | 19.973%       |
| 19        | 21.012      | 3114          | 3119        | 3126         | rBV6     | 41299          | 79353         | 2.27%           | 0.454%        |
| 20        | 21.288      | 3161          | 3166        | 3172         | rBV      | 702962         | 908327        | 26.00%          | 5.194%        |
| 21        | 23.556      | 3545          | 3552        | 3560         | rVB2     | 462692         | 871162        | 24.94%          | 4.981%        |

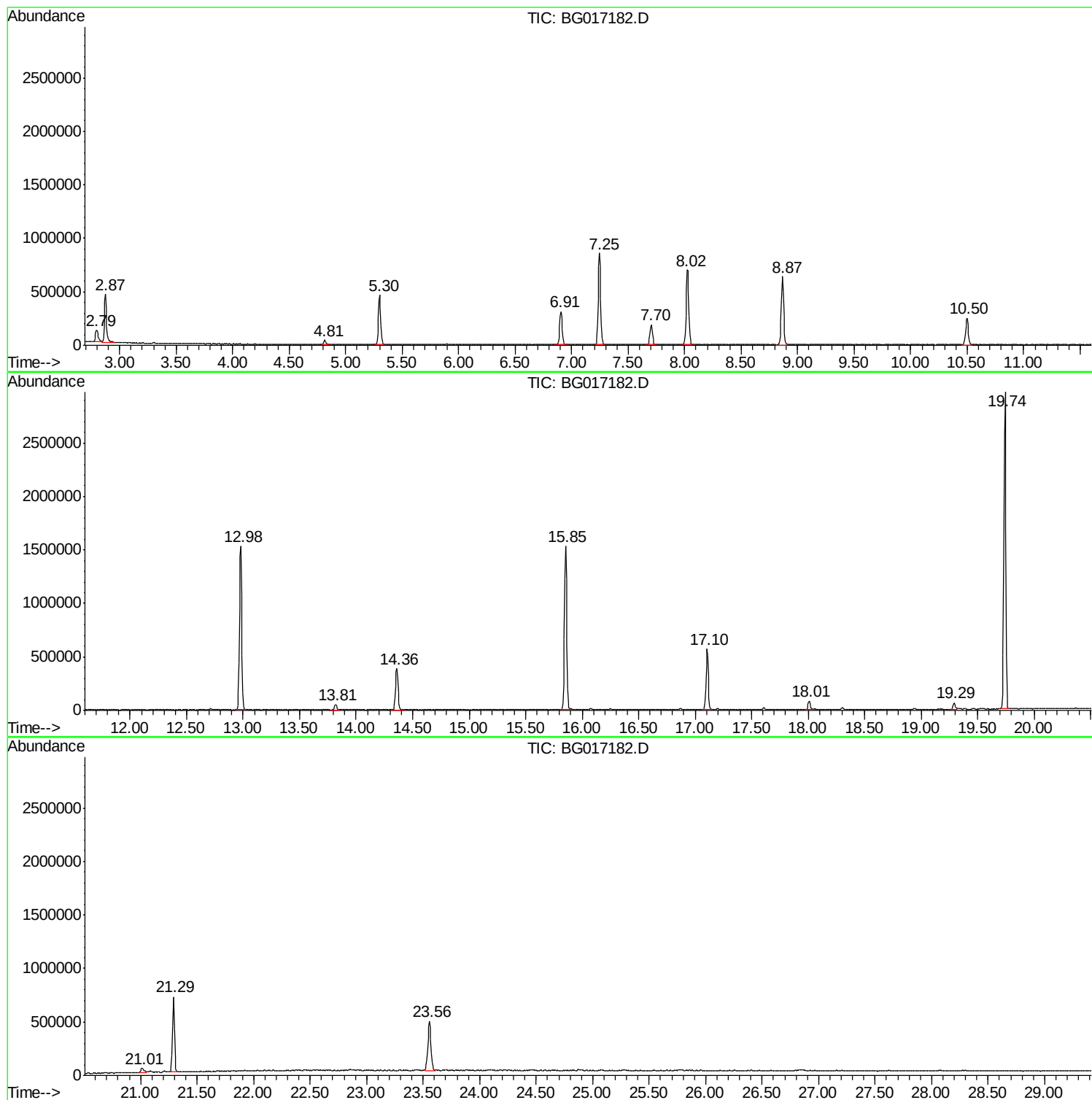
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Instrument :  
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ClientSampleId :  
MW9

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG051315.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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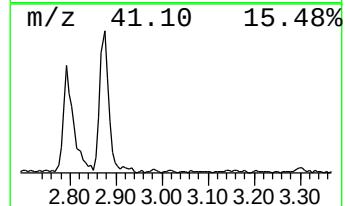
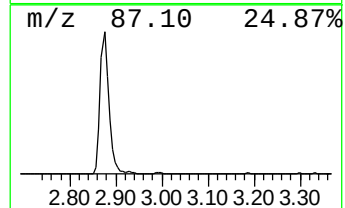
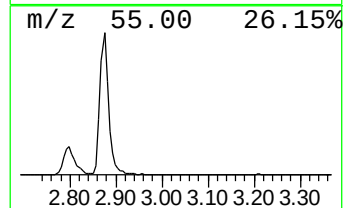
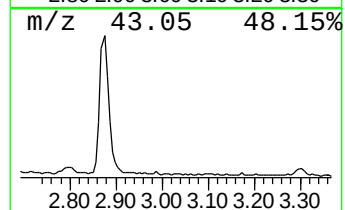
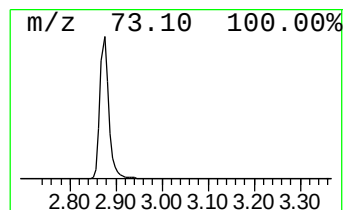
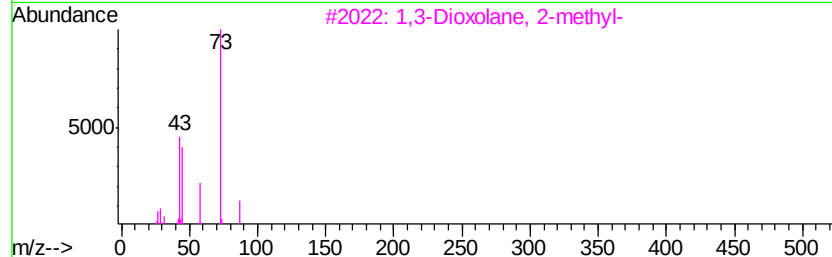
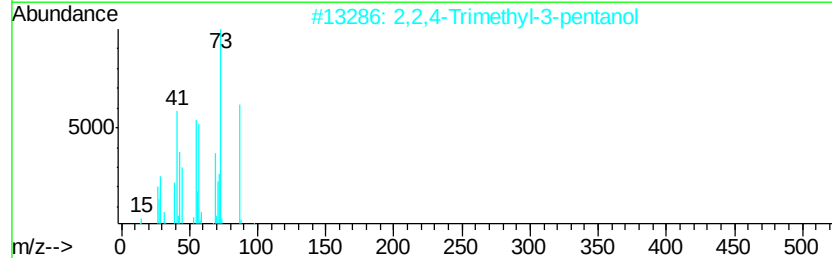
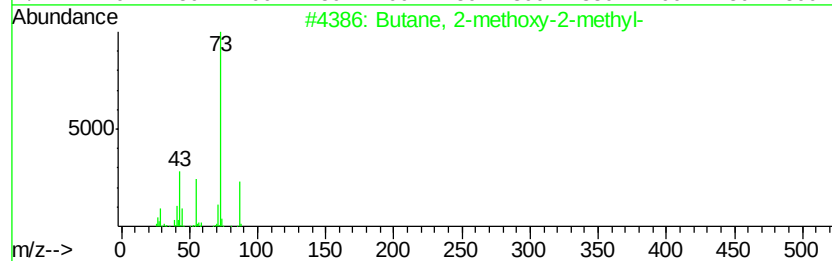
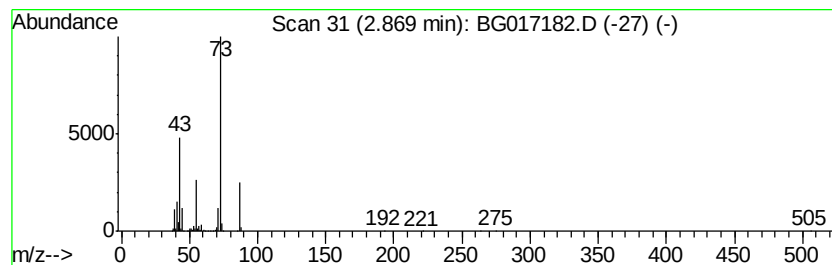
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.87 | 39.53 ng | 595972 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 50   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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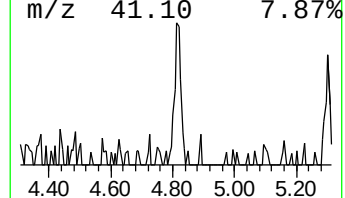
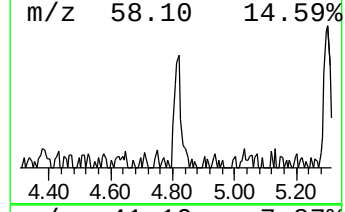
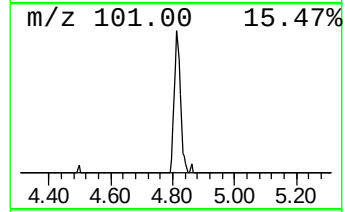
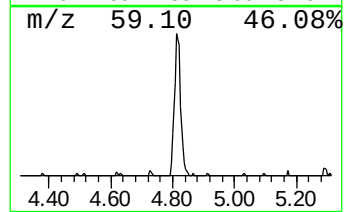
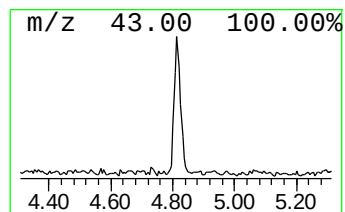
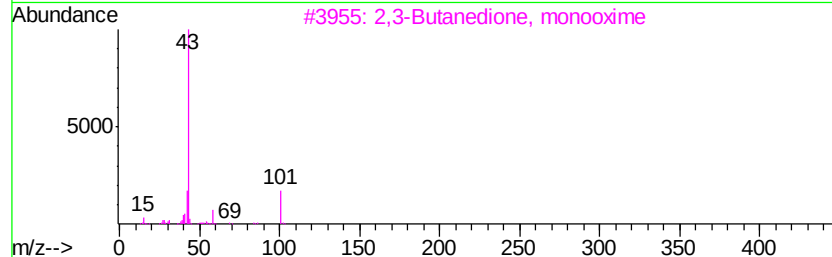
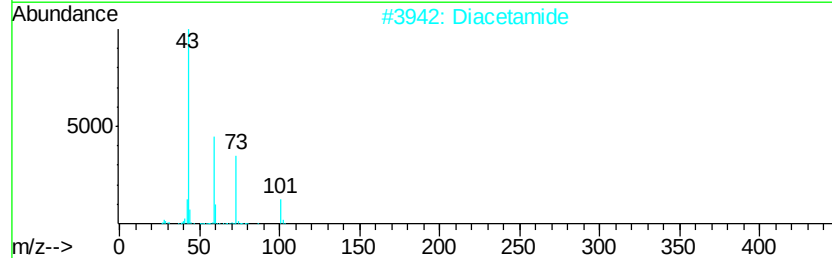
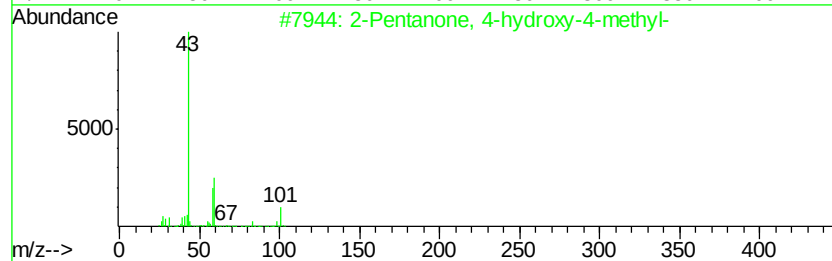
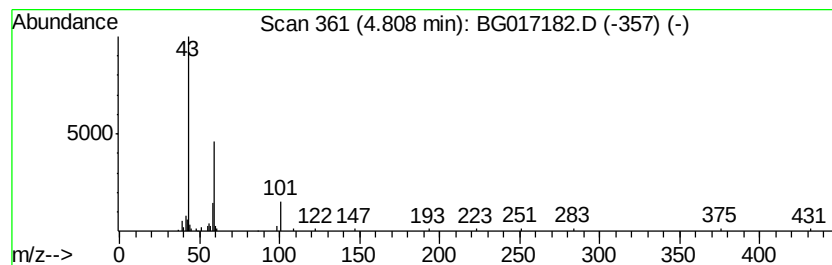
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.81 | 3.60 ng | 54256 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 53   |
| 2    |    | Diacetamide                         | 101 | C4H7NO2 | 000625-77-4 | 36   |
| 3    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 27   |
| 4    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 23   |
| 5    |    | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2 | 000921-14-2 | 23   |



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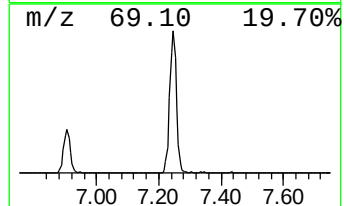
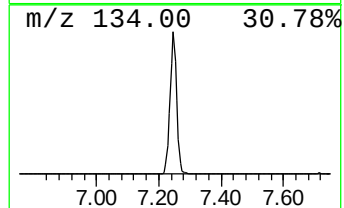
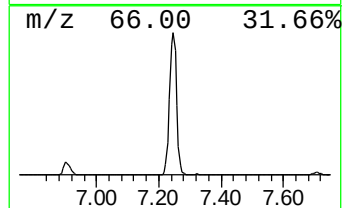
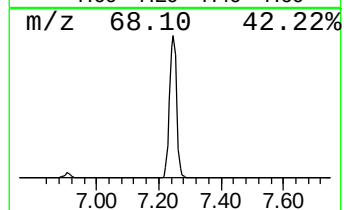
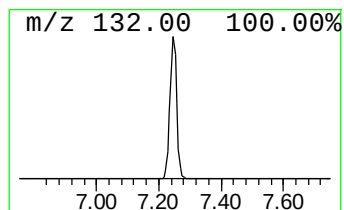
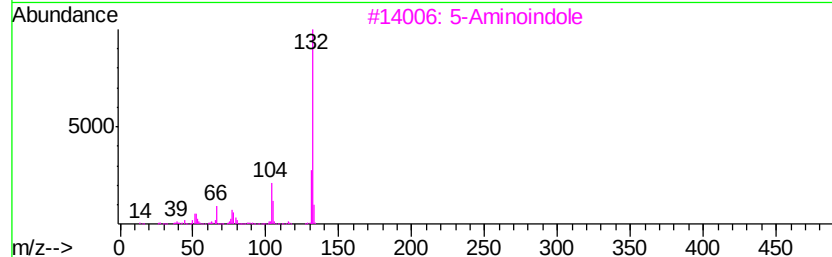
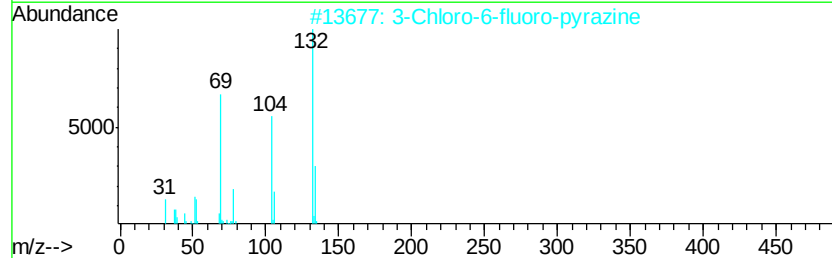
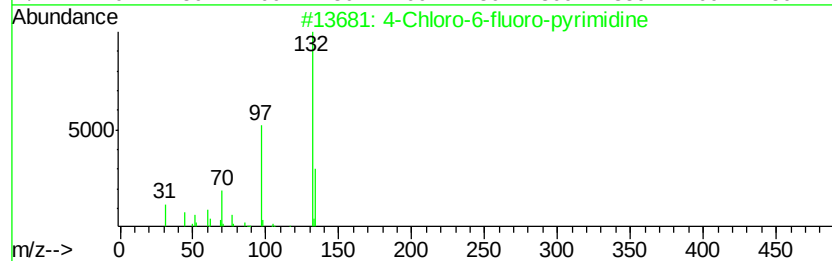
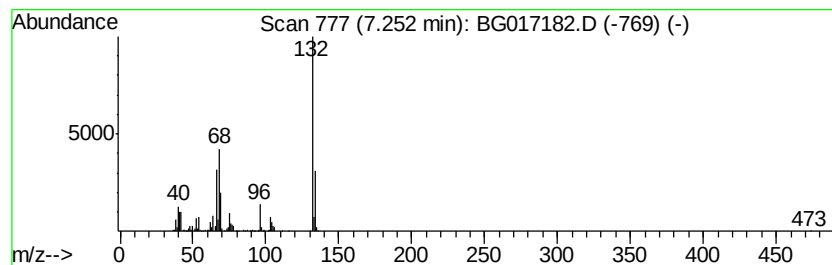
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown7.25 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.25 | 86.87 ng | 1309730 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 27   |
| 4    |    | Tranlylcypromine-propionyl   | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 5    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |



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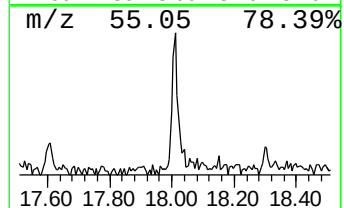
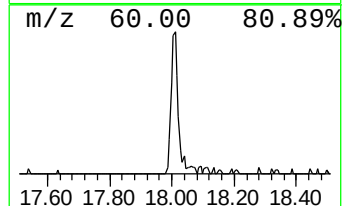
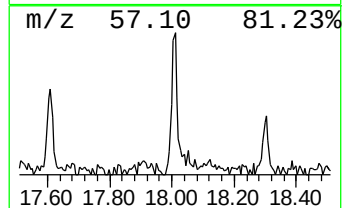
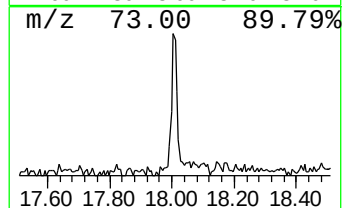
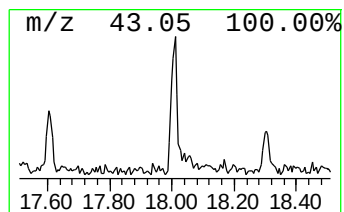
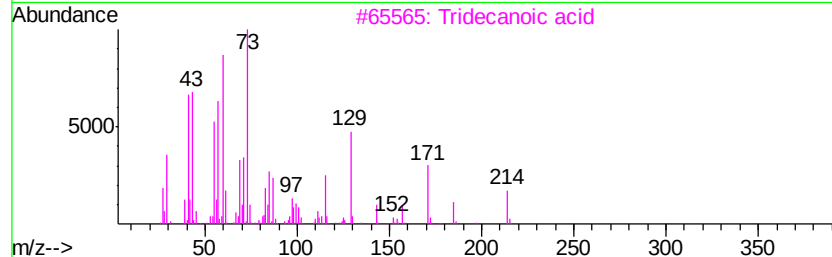
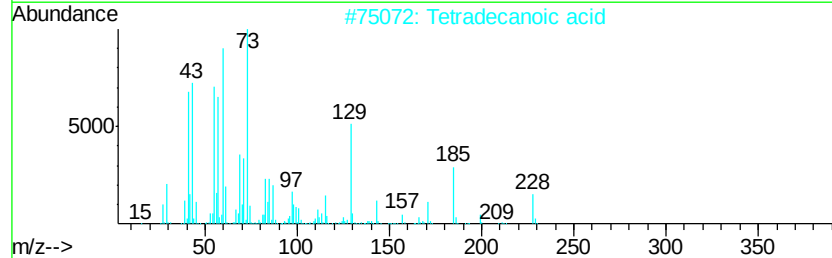
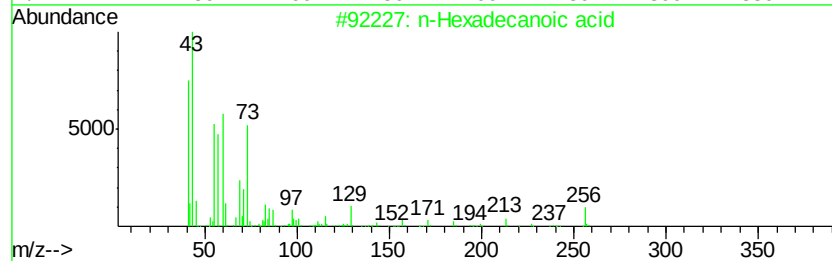
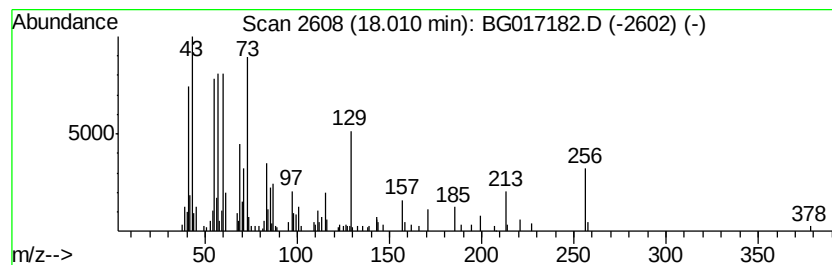
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.01 | 2.97 ng | 117280 | Phenanthrene-d10 | 17.10 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 81   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |
| 4    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 70   |
| 5    |    | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 47   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 2.87  | 39.5    | ng    | 595972   | 1                     | 7.70  | 301526 | 20.0 |
| 2-Pentanone, 4-hy... | 4.81  | 3.6     | ng    | 54256    | 1                     | 7.70  | 301526 | 20.0 |
| unknown7.25          | 7.25  | 86.9    | ng    | 1309730  | 1                     | 7.70  | 301526 | 20.0 |
| n-Hexadecanoic acid  | 18.01 | 3.0     | ng    | 117280   | 4                     | 17.10 | 790112 | 20.0 |