

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG050915\  
 Data File : BG016989.D  
 Acq On : 9 May 2015 15:10  
 Operator : TP/IZ  
 Sample : G2087-11  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1GW

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-BG050515.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         | 2.916       | 34            | 39          | 48           | rBV      | 358344         | 535774        | 11.13%          | 2.264%        |
| 2         | 2.993       | 48            | 52          | 61           | rVB      | 615605         | 747831        | 15.54%          | 3.160%        |
| 3         | 4.908       | 373           | 378         | 384          | rBV      | 51414          | 72727         | 1.51%           | 0.307%        |
| 4         | 5.372       | 451           | 457         | 464          | rBV      | 494141         | 679344        | 14.11%          | 2.870%        |
| 5         | 6.958       | 720           | 727         | 735          | rVB      | 325341         | 509339        | 10.58%          | 2.152%        |
| 6         | 7.323       | 781           | 789         | 799          | rBV      | 842075         | 1300399       | 27.02%          | 5.494%        |
| 7         | 7.787       | 862           | 868         | 875          | rBV      | 311967         | 498687        | 10.36%          | 2.107%        |
| 8         | 8.110       | 913           | 923         | 930          | rBV      | 857609         | 1362826       | 28.32%          | 5.758%        |
| 9         | 8.944       | 1057          | 1065        | 1074         | rBV      | 806176         | 1340256       | 27.85%          | 5.663%        |
| 10        | 10.584      | 1336          | 1344        | 1354         | rVB      | 450794         | 753938        | 15.66%          | 3.185%        |
| 11        | 13.051      | 1757          | 1764        | 1771         | rBV      | 2051018        | 3012584       | 62.59%          | 12.728%       |
| 12        | 14.426      | 1992          | 1998        | 2005         | rBV2     | 734047         | 1111611       | 23.10%          | 4.697%        |
| 13        | 15.249      | 2130          | 2138        | 2142         | rBV2     | 31766          | 60016         | 1.25%           | 0.254%        |
| 14        | 15.913      | 2245          | 2251        | 2263         | rBV      | 1453719        | 2055547       | 42.71%          | 8.685%        |
| 15        | 17.170      | 2458          | 2465        | 2473         | rBV2     | 1041997        | 1442732       | 29.98%          | 6.096%        |
| 16        | 18.063      | 2612          | 2617        | 2627         | rBV2     | 90572          | 150777        | 3.13%           | 0.637%        |
| 17        | 19.344      | 2831          | 2835        | 2844         | rBV3     | 63655          | 97862         | 2.03%           | 0.413%        |
| 18        | 19.796      | 2906          | 2912        | 2921         | rVB      | 4027572        | 4813085       | 100.00%         | 20.336%       |
| 19        | 21.054      | 3122          | 3126        | 3131         | rBV5     | 31506          | 48539         | 1.01%           | 0.205%        |
| 20        | 21.347      | 3170          | 3176        | 3183         | rBV      | 1248137        | 1565955       | 32.54%          | 6.616%        |
| 21        | 23.639      | 3558          | 3566        | 3576         | rBV2     | 797695         | 1508395       | 31.34%          | 6.373%        |

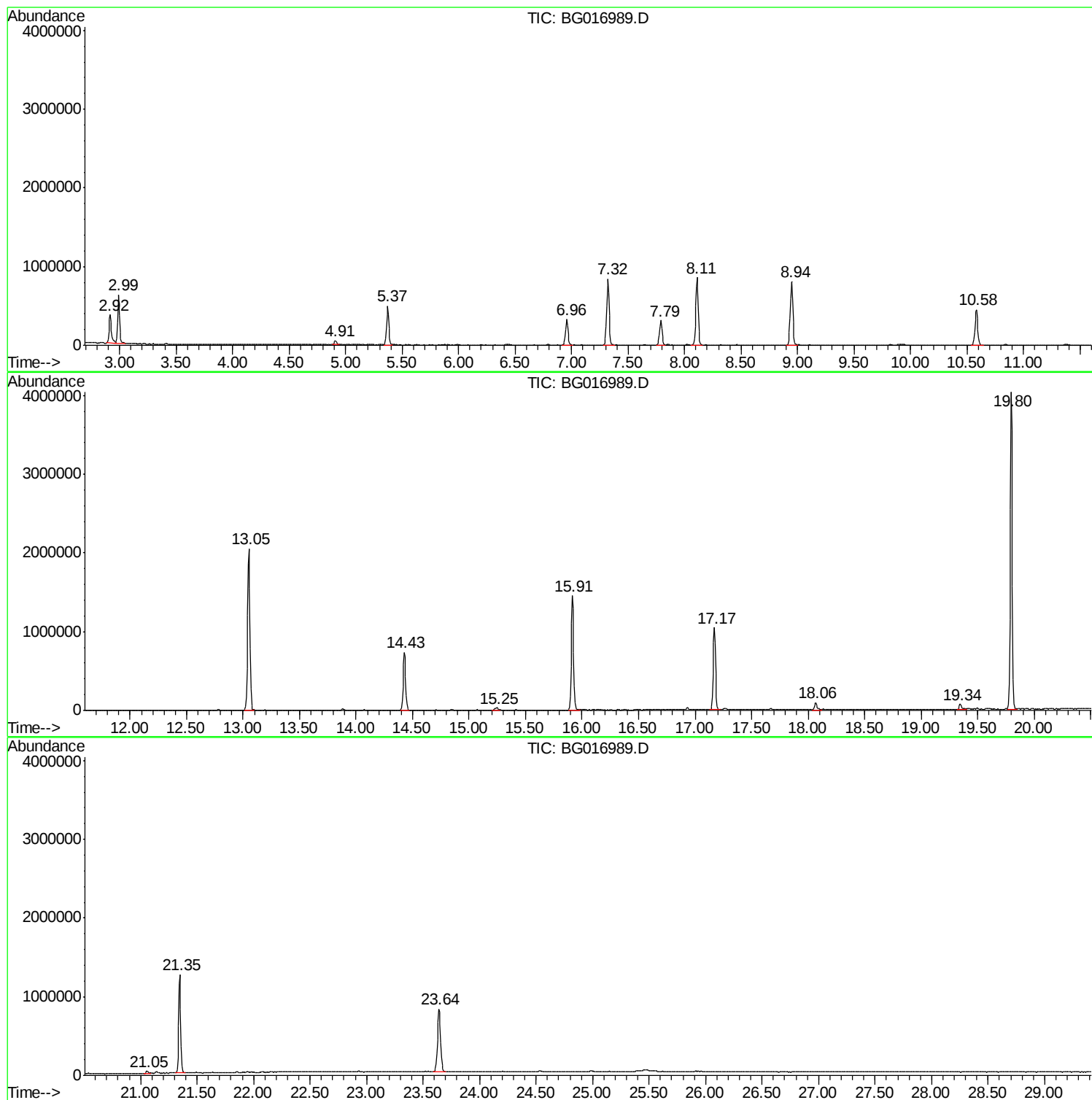
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BNA\_G  
ClientSampleId :  
B1GW

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.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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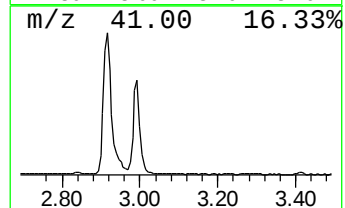
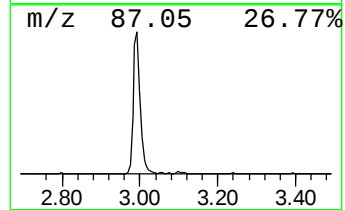
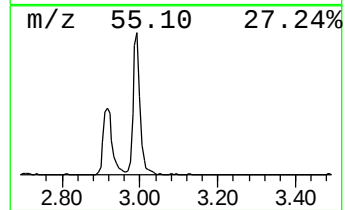
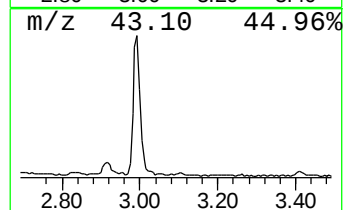
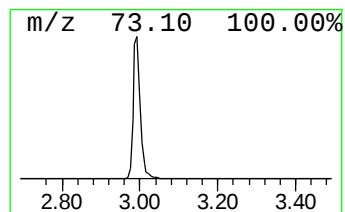
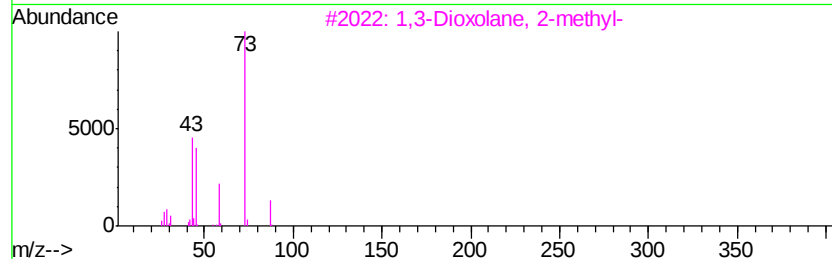
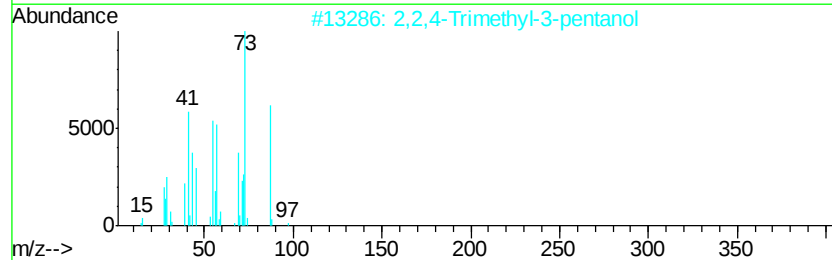
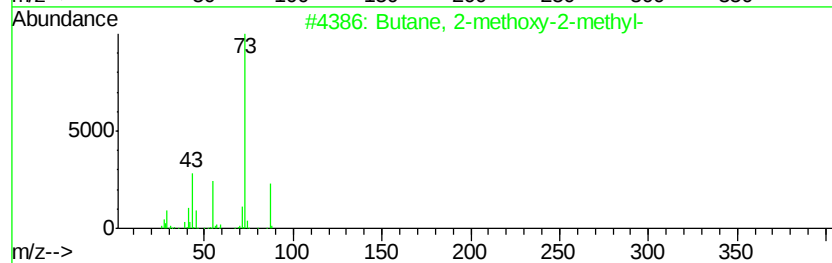
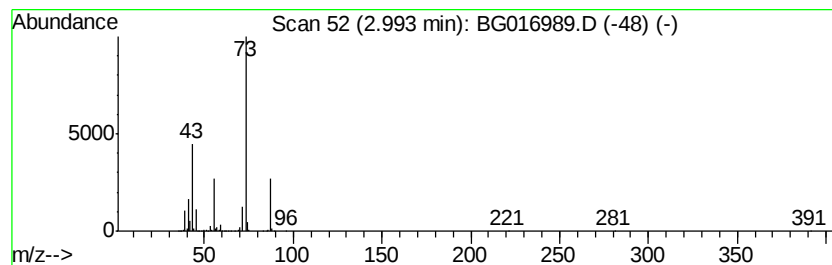
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.99 | 29.99 ng | 747831 | 1,4-Dichlorobenzene-d4 | 7.79 |

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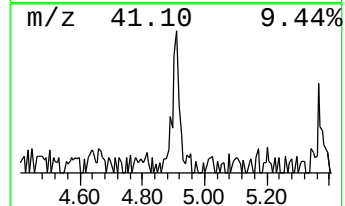
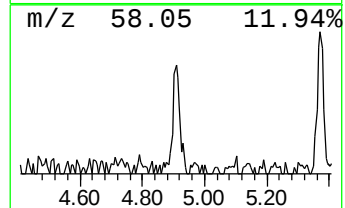
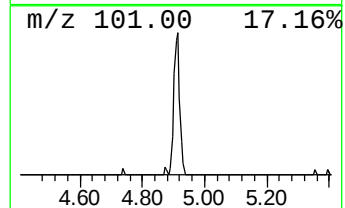
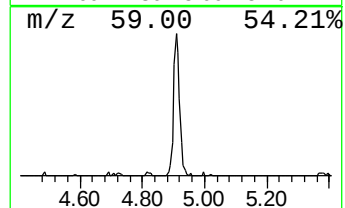
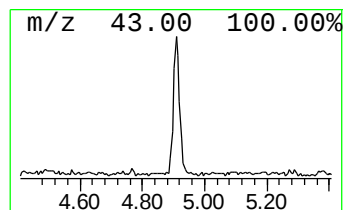
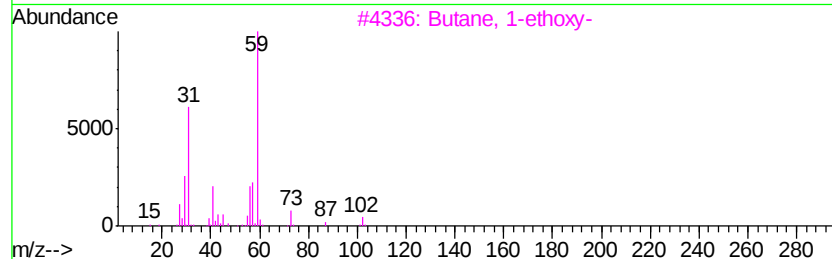
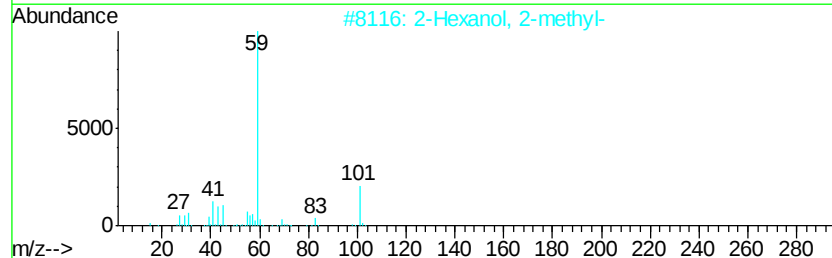
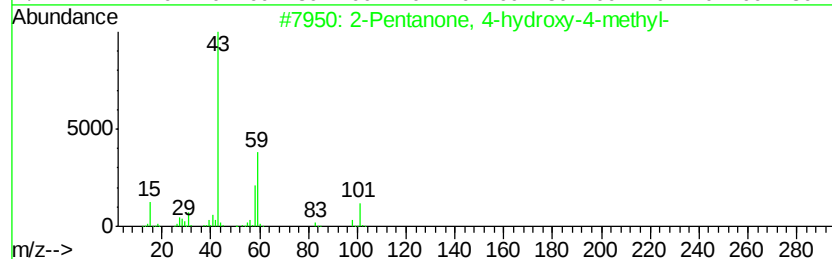
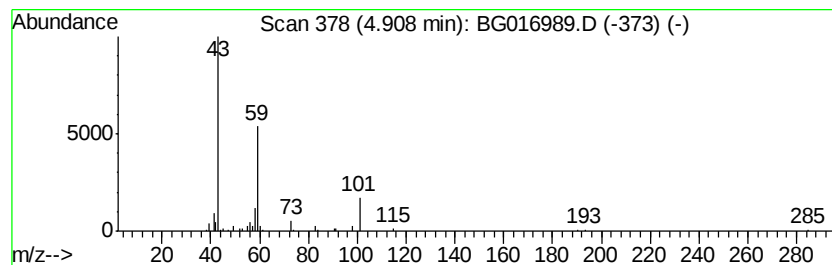
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown4.91 Concentration Rank 5

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.91 | 2.92 ng | 72727 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-  | 116 | C6H12O2 | 000123-42-2 | 45   |
| 2    |    | 2-Hexanol, 2-methyl-              | 116 | C7H16O  | 000625-23-0 | 28   |
| 3    |    | Butane, 1-ethoxy-                 | 102 | C6H14O  | 000628-81-9 | 23   |
| 4    |    | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 23   |
| 5    |    | Propane, 1-ethoxy-2-methyl-       | 102 | C6H14O  | 000627-02-1 | 23   |



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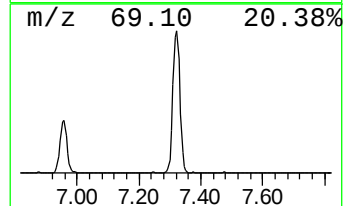
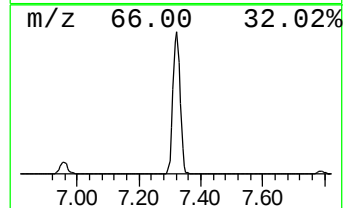
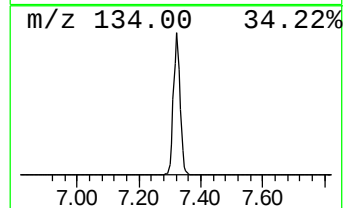
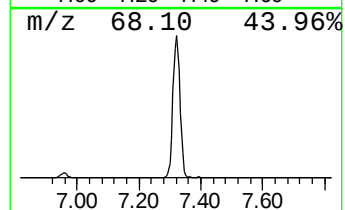
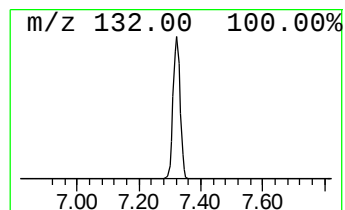
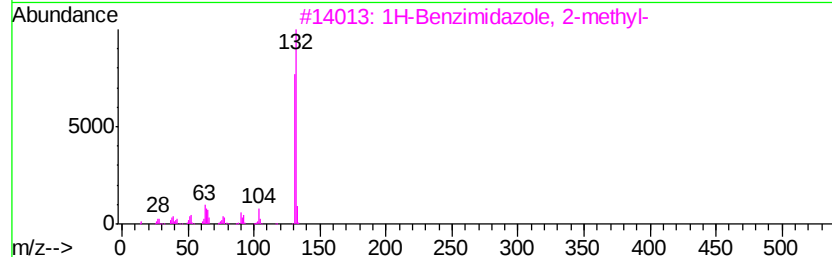
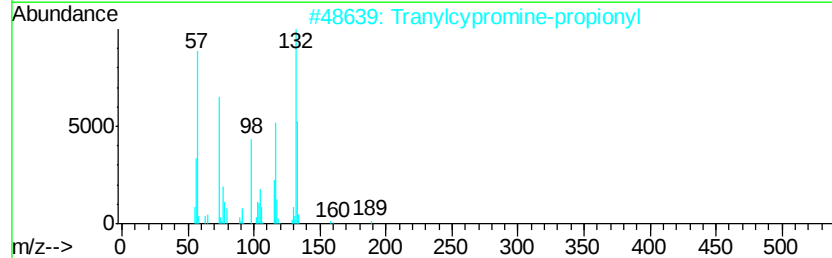
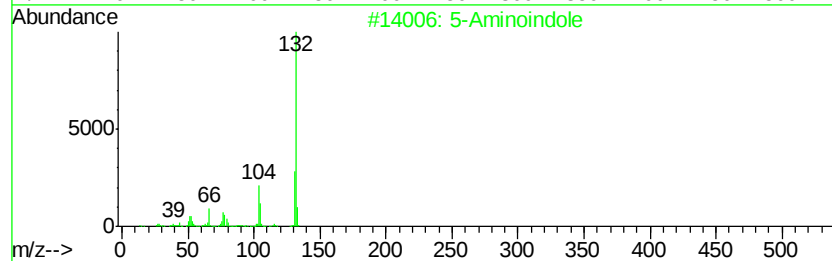
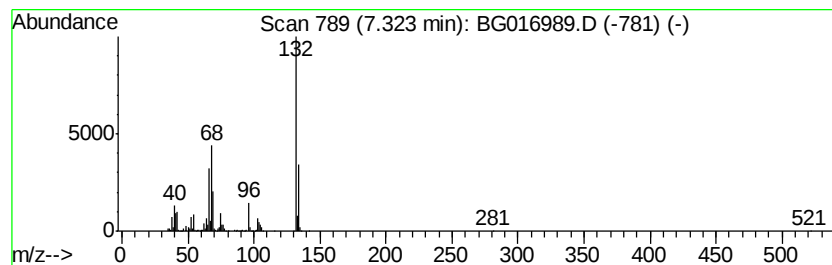
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown7.32 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.32 | 52.15 ng | 1300400 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Aminoindole                      | 132 | C8H8N2    | 005192-03-0  | 27   |
| 2    |    | Tranylcypromine-propionyl          | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 3    |    | 1H-Benzimidazole, 2-methyl-        | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Fluoro-2-chloropyrimidine        | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 5    |    | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 12   |



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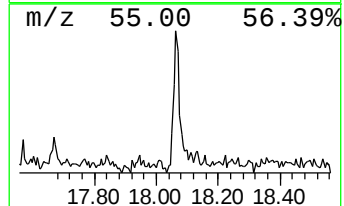
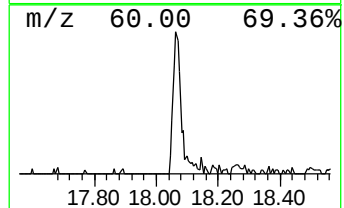
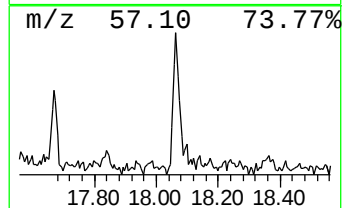
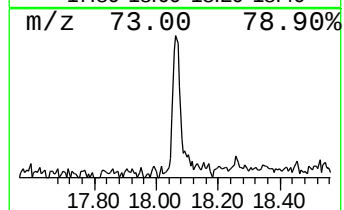
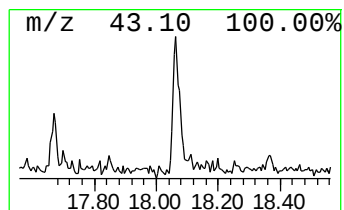
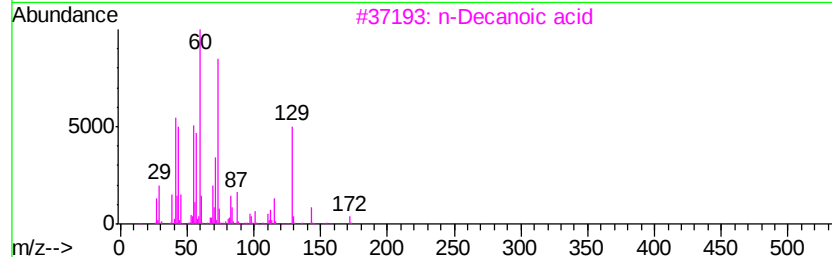
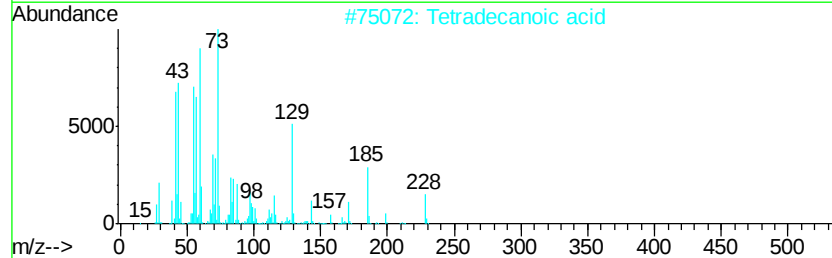
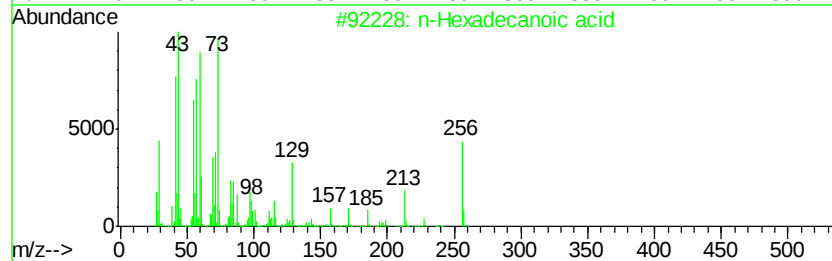
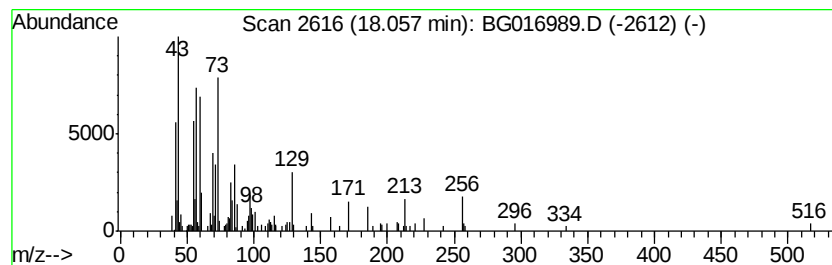
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\*\*\*\*\*  
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.06 | 2.09 ng | 150777 | Phenanthrene-d10 | 17.17 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 2       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 70   |
| 3       |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |
| 4       |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 50   |
| 5       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 35   |



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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... | 2.99  | 30.0    | ng    | 747831   | 1                     | 7.79  | 498687  | 20.0 |
| unknown4.91          | 4.91  | 2.9     | ng    | 72727    | 1                     | 7.79  | 498687  | 20.0 |
| unknown7.32          | 7.32  | 52.1    | ng    | 1300400  | 1                     | 7.79  | 498687  | 20.0 |
| n-Hexadecanoic acid  | 18.06 | 2.1     | ng    | 150777   | 4                     | 17.17 | 1442730 | 20.0 |