

Data Path : Z:\HPCHEM1\BNA\_F\Data\BF041917\  
 Data File : BF094518.D  
 Acq On : 19 Apr 2017 16:23  
 Operator : SJ/MA  
 Sample : I2751-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-209-COMP

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-BF041717.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         | 3.925       | 334           | 338         | 348          | rBV      | 442780         | 528194        | 16.59%          | 1.761%        |
| 2         | 4.325       | 402           | 406         | 419          | rBV      | 2971642        | 2901865       | 91.16%          | 9.675%        |
| 3         | 4.707       | 468           | 471         | 475          | rBV      | 35871          | 35362         | 1.11%           | 0.118%        |
| 4         | 5.401       | 583           | 589         | 601          | rVB      | 2900428        | 3100096       | 97.38%          | 10.336%       |
| 5         | 5.525       | 605           | 610         | 613          | rBV      | 3257620        | 3183356       | 100.00%         | 10.614%       |
| 6         | 5.772       | 648           | 652         | 656          | rBV      | 880969         | 779760        | 24.49%          | 2.600%        |
| 7         | 5.948       | 677           | 682         | 685          | rBV      | 2571585        | 2287637       | 71.86%          | 7.627%        |
| 8         | 6.419       | 757           | 762         | 765          | rBV      | 2028449        | 2002038       | 62.89%          | 6.675%        |
| 9         | 7.260       | 901           | 905         | 909          | rBV      | 1132155        | 1059487       | 33.28%          | 3.532%        |
| 10        | 8.584       | 1126          | 1130        | 1134         | rBV      | 3086454        | 3078565       | 96.71%          | 10.264%       |
| 11        | 9.084       | 1211          | 1215        | 1219         | rBV      | 819058         | 685675        | 21.54%          | 2.286%        |
| 12        | 9.395       | 1261          | 1268        | 1272         | rBV2     | 1188019        | 1117831       | 35.11%          | 3.727%        |
| 13        | 9.995       | 1367          | 1370        | 1374         | rVB      | 76895          | 68315         | 2.15%           | 0.228%        |
| 14        | 10.266      | 1409          | 1416        | 1419         | rBV2     | 31627          | 51505         | 1.62%           | 0.172%        |
| 15        | 10.372      | 1429          | 1434        | 1438         | rBV      | 1908802        | 2007595       | 63.07%          | 6.693%        |
| 16        | 10.578      | 1465          | 1469        | 1477         | rBV      | 103755         | 152863        | 4.80%           | 0.510%        |
| 17        | 11.130      | 1559          | 1563        | 1566         | rVB      | 65935          | 59374         | 1.87%           | 0.198%        |
| 18        | 11.172      | 1566          | 1570        | 1573         | rBV3     | 30644          | 36852         | 1.16%           | 0.123%        |
| 19        | 11.213      | 1573          | 1577        | 1581         | rBV      | 1185130        | 1216619       | 38.22%          | 4.056%        |
| 20        | 11.948      | 1699          | 1702        | 1709         | rBV4     | 31304          | 60793         | 1.91%           | 0.203%        |
| 21        | 12.701      | 1826          | 1830        | 1834         | rBV      | 78387          | 77907         | 2.45%           | 0.260%        |
| 22        | 12.977      | 1873          | 1877        | 1882         | rVB      | 65063          | 73429         | 2.31%           | 0.245%        |
| 23        | 13.195      | 1908          | 1914        | 1918         | rBV2     | 2668352        | 3017793       | 94.80%          | 10.062%       |
| 24        | 14.366      | 2107          | 2113        | 2124         | rBV3     | 123707         | 274094        | 8.61%           | 0.914%        |
| 25        | 14.460      | 2124          | 2129        | 2133         | rVV      | 1056412        | 1140572       | 35.83%          | 3.803%        |
| 26        | 14.518      | 2137          | 2139        | 2143         | rVB      | 38794          | 36852         | 1.16%           | 0.123%        |
| 27        | 15.577      | 2315          | 2319        | 2323         | rVB      | 30600          | 36223         | 1.14%           | 0.121%        |
| 28        | 15.683      | 2333          | 2337        | 2340         | rBV      | 31517          | 44758         | 1.41%           | 0.149%        |
| 29        | 16.083      | 2400          | 2405        | 2413         | rBV      | 748806         | 835512        | 26.25%          | 2.786%        |
| 30        | 16.583      | 2486          | 2490        | 2496         | rBV3     | 27036          | 42485         | 1.33%           | 0.142%        |

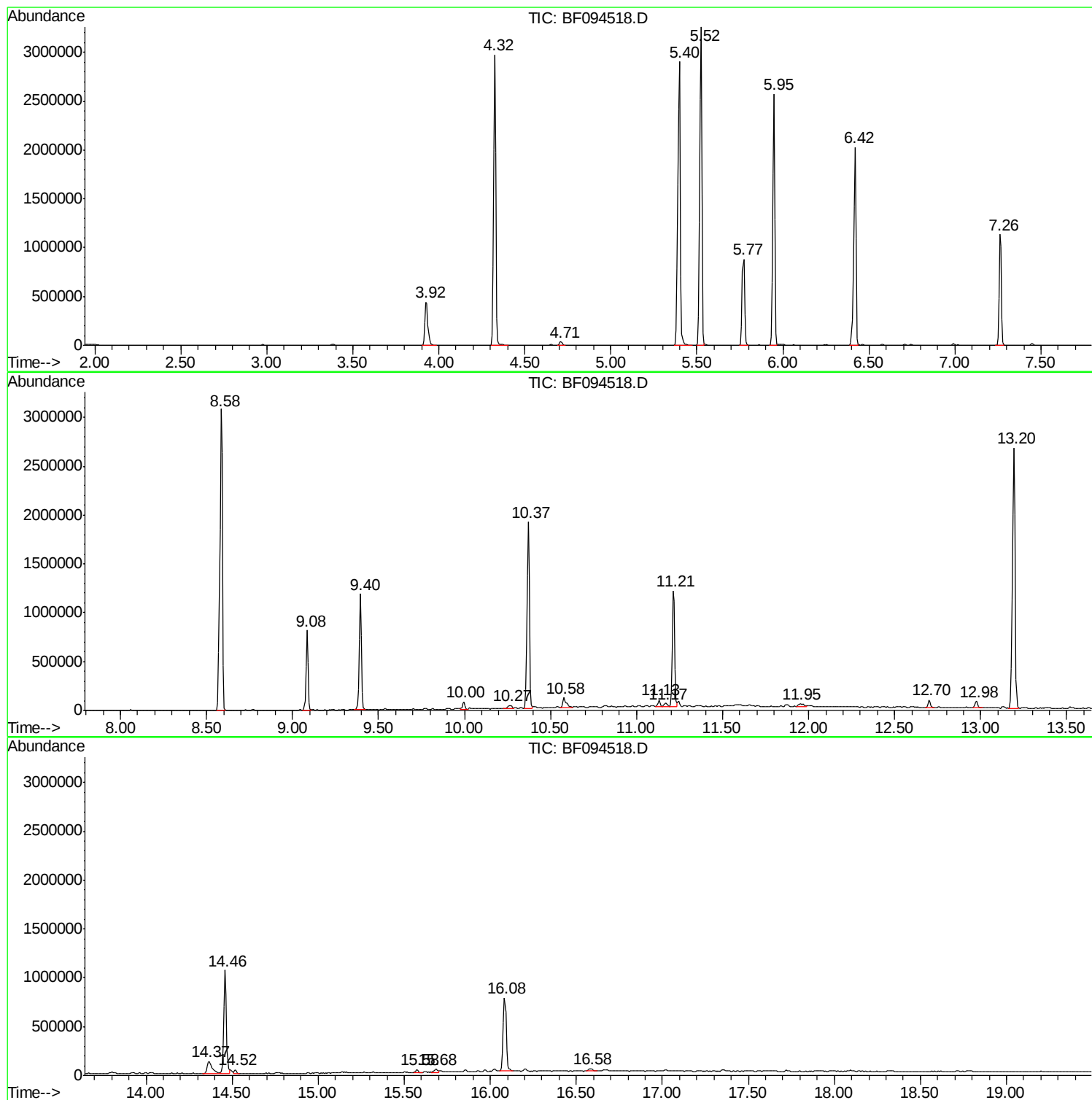
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF041717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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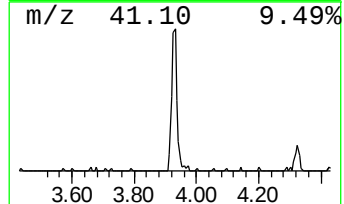
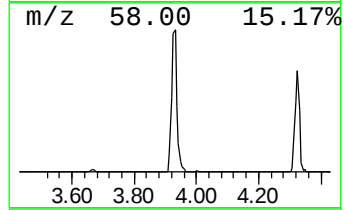
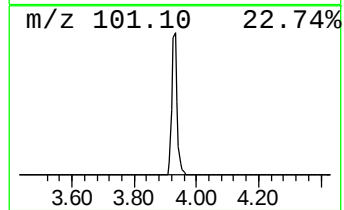
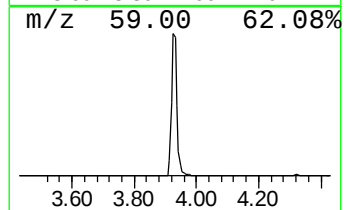
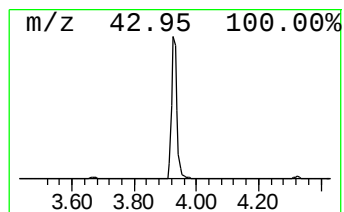
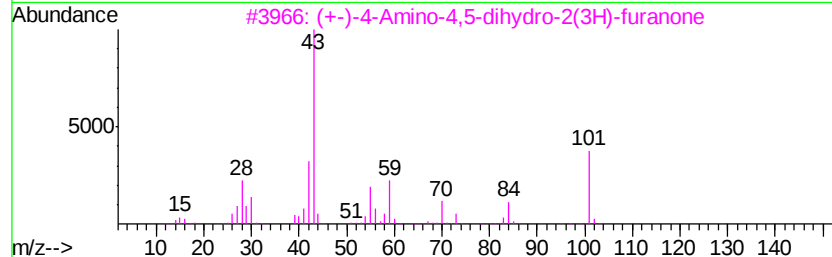
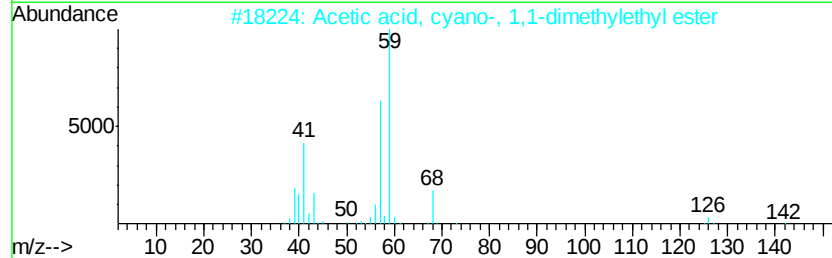
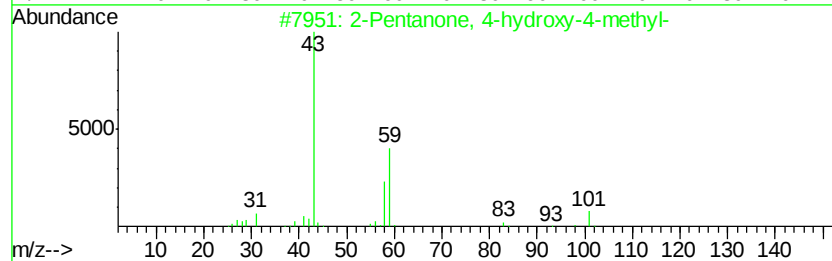
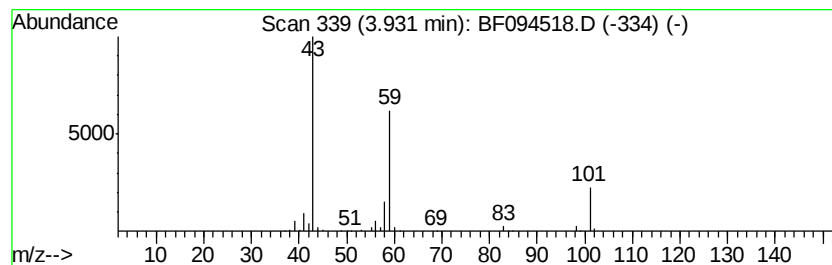
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF041717.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.93 | 13.55 ng | 528194 | 1,4-Dichlorobenzene-d4 | 5.77 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 4    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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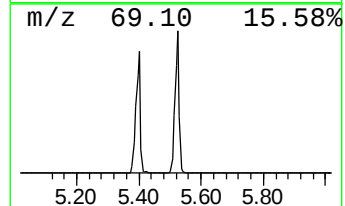
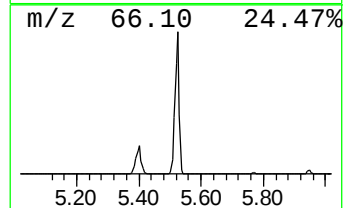
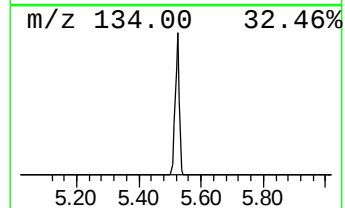
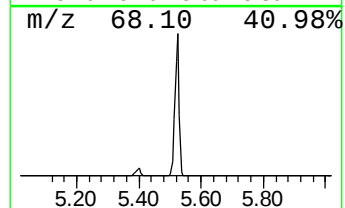
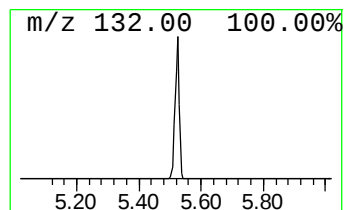
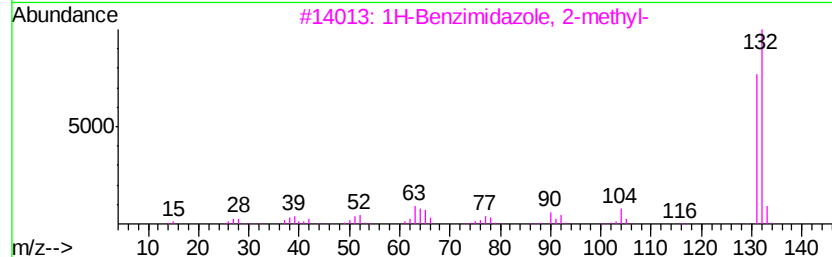
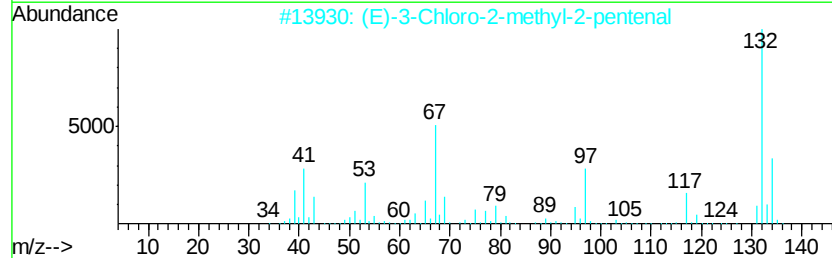
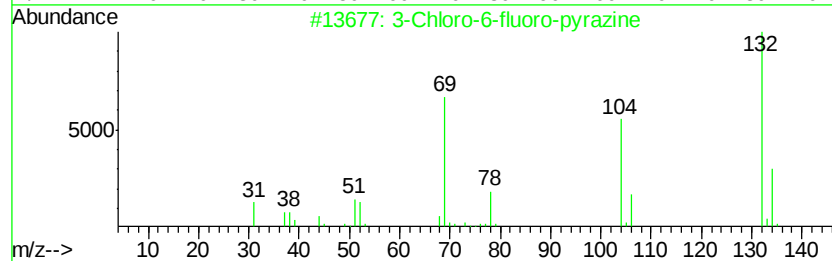
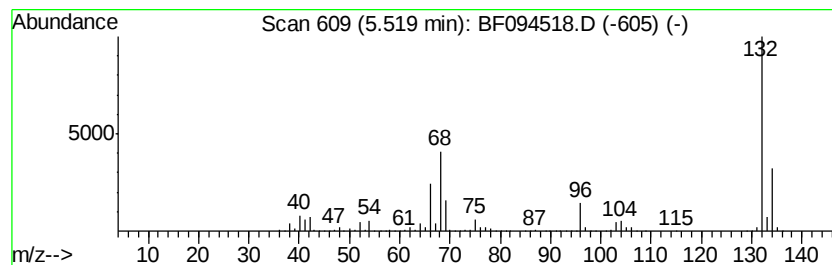
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown5.52 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.52 | 81.65 ng | 3183360 | 1,4-Dichlorobenzene-d4 | 5.77 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    |   | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 10   |
| 4    |    |   | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    |   | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF041717.M  
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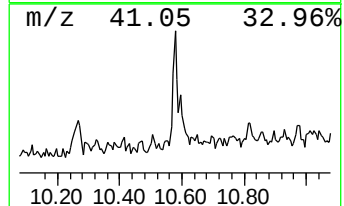
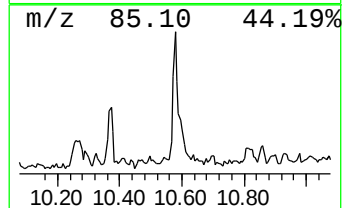
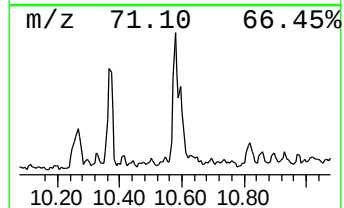
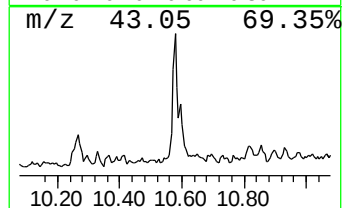
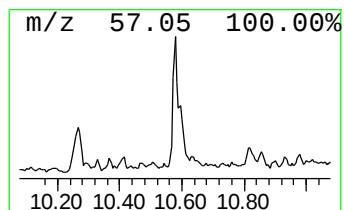
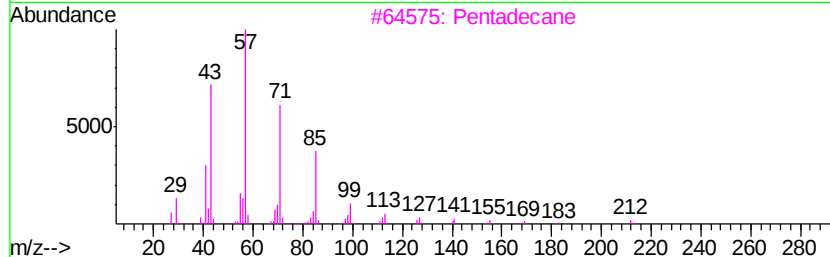
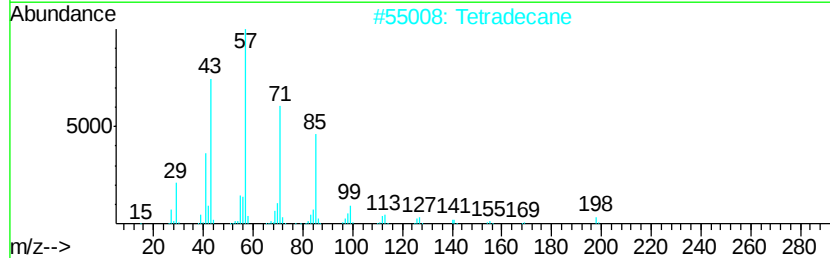
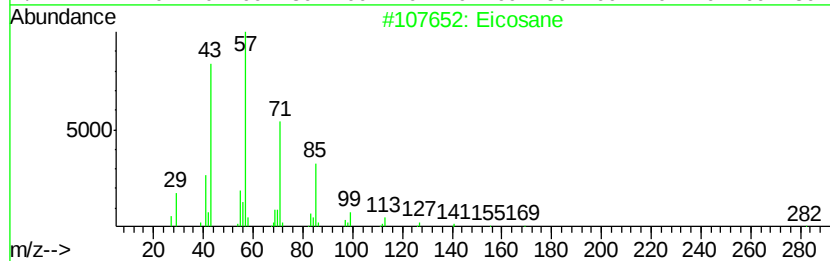
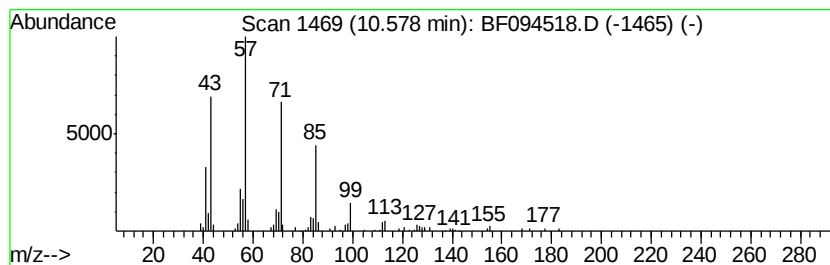
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Eicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.58 | 2.51 ng | 152863 | Phenanthrene-d10 | 11.21 |

| Hit# of | 5                            | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------------|--------------|-----|---------|-------------|------|
| 1       | Eicosane                     |              | 282 | C20H42  | 000112-95-8 | 90   |
| 2       | Tetradecane                  |              | 198 | C14H30  | 000629-59-4 | 86   |
| 3       | Pentadecane                  |              | 212 | C15H32  | 000629-62-9 | 86   |
| 4       | Dodecane, 2-methyl-6-propyl- |              | 226 | C16H34  | 055045-08-4 | 78   |
| 5       | Decane, 2,4,6-trimethyl-     |              | 184 | C13H28  | 062108-27-4 | 72   |



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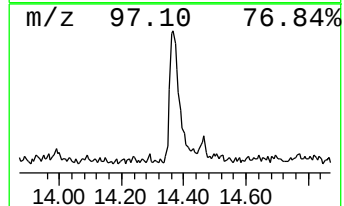
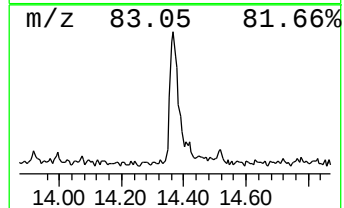
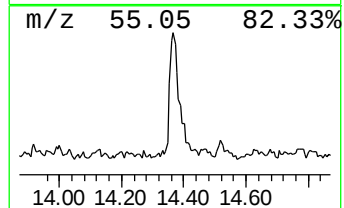
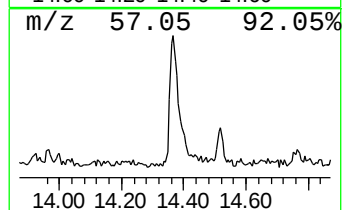
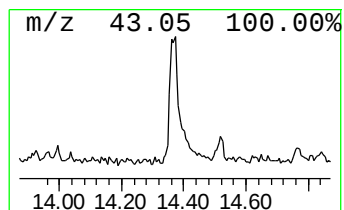
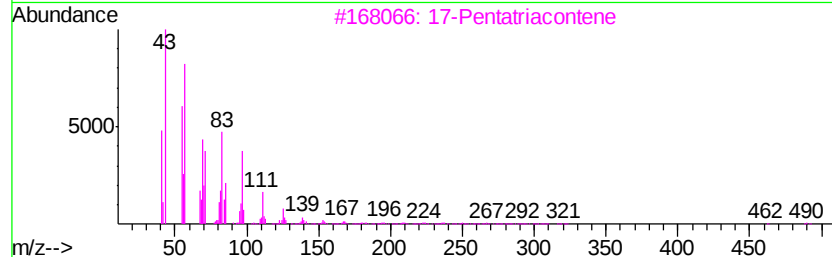
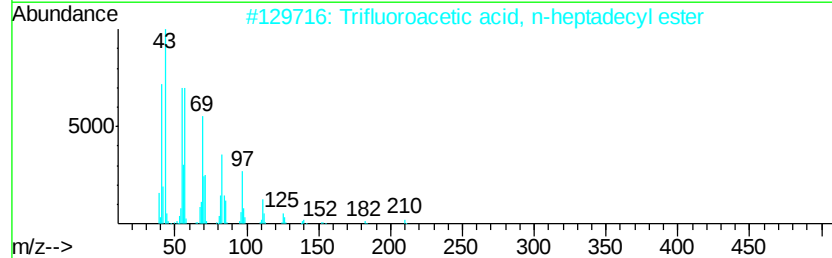
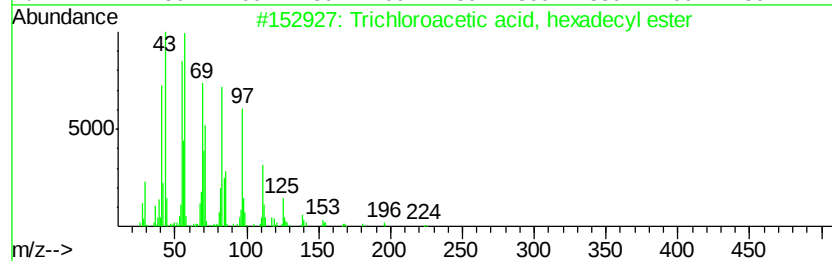
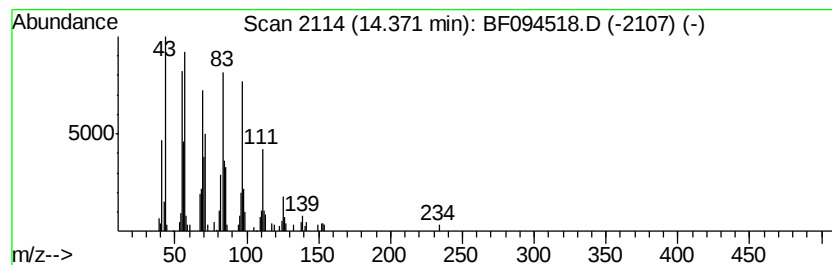
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Trichloroacetic acid, hexadecyl... Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.37 | 4.81 ng | 274094 | Chrysene-d12     | 14.46 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|---------|---|-------------------------------------|-----|-------------|--------------|------|
| 1       |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 91   |
| 2       |   | Trifluoroacetic acid, n-heptadec... | 324 | C17H31F3O2  | 1000216-79-2 | 87   |
| 3       |   | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 87   |
| 4       |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7  | 87   |
| 5       |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 86   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 3.93  | 13.6    | ng    | 528194   | 1                     | 5.77  | 779760  | 20.0 |
| unknown5.52          | 5.52  | 81.7    | ng    | 3183360  | 1                     | 5.77  | 779760  | 20.0 |
| Eicosane             | 10.58 | 2.5     | ng    | 152863   | 4                     | 11.21 | 1216620 | 20.0 |
| Trichloroacetic a... | 14.37 | 4.8     | ng    | 274094   | 5                     | 14.46 | 1140570 | 20.0 |