

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012717\  
 Data File : BF092611.D  
 Acq On : 28 Jan 2017 7:55  
 Operator : SJ/MA  
 Sample : I1527-18  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-12-COMP

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\_F\METHODS\8270-BF012417.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         | 5.161       | 267           | 269         | 279          | rVB      | 1171398        | 1960721       | 36.24%          | 4.956%        |
| 2         | 5.596       | 304           | 307         | 309          | rBV      | 4380441        | 4928293       | 91.10%          | 12.456%       |
| 3         | 6.624       | 393           | 397         | 399          | rBV      | 4103035        | 5410049       | 100.00%         | 13.674%       |
| 4         | 6.750       | 405           | 408         | 410          | rBV      | 4479296        | 4886782       | 90.33%          | 12.351%       |
| 5         | 6.967       | 425           | 427         | 430          | rBV      | 782234         | 909723        | 16.82%          | 2.299%        |
| 6         | 7.127       | 439           | 441         | 444          | rBV      | 3049987        | 3525028       | 65.16%          | 8.909%        |
| 7         | 7.539       | 474           | 477         | 480          | rBV      | 2344227        | 2610340       | 48.25%          | 6.598%        |
| 8         | 8.270       | 538           | 541         | 543          | rBV      | 997371         | 1182953       | 21.87%          | 2.990%        |
| 9         | 9.356       | 632           | 636         | 638          | rBV      | 3119559        | 4524196       | 83.63%          | 11.435%       |
| 10        | 9.745       | 667           | 670         | 672          | rBV      | 311433         | 288816        | 5.34%           | 0.730%        |
| 11        | 10.030      | 693           | 695         | 698          | rBV      | 1305354        | 1151757       | 21.29%          | 2.911%        |
| 12        | 10.453      | 731           | 732         | 734          | rVB      | 73975          | 73471         | 1.36%           | 0.186%        |
| 13        | 10.819      | 762           | 764         | 767          | rBV2     | 1372263        | 1852334       | 34.24%          | 4.682%        |
| 14        | 10.933      | 772           | 774         | 777          | rBV      | 105887         | 128248        | 2.37%           | 0.324%        |
| 15        | 11.379      | 811           | 813         | 814          | rBV      | 71724          | 58302         | 1.08%           | 0.147%        |
| 16        | 11.516      | 823           | 825         | 828          | rBV      | 692219         | 947446        | 17.51%          | 2.395%        |
| 17        | 13.105      | 962           | 964         | 967          | rBV      | 2377501        | 3339596       | 61.73%          | 8.441%        |
| 18        | 14.019      | 1041          | 1044        | 1052         | rBV2     | 45849          | 134822        | 2.49%           | 0.341%        |
| 19        | 14.168      | 1054          | 1057        | 1059         | rVV      | 709949         | 895486        | 16.55%          | 2.263%        |
| 20        | 15.654      | 1184          | 1187        | 1192         | rBV      | 470640         | 698322        | 12.91%          | 1.765%        |
| 21        | 16.122      | 1225          | 1228        | 1234         | rVB      | 28539          | 58519         | 1.08%           | 0.148%        |

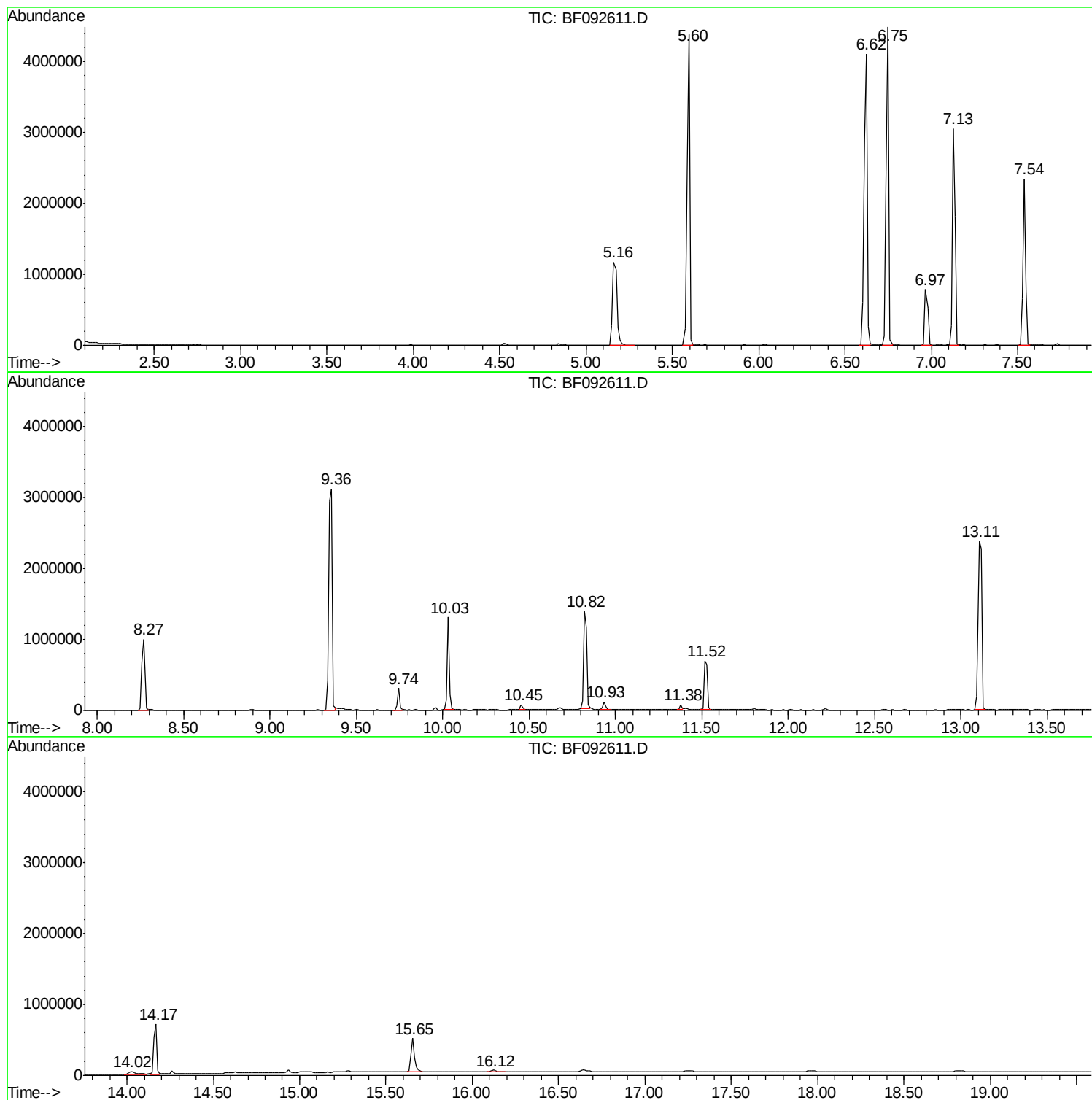
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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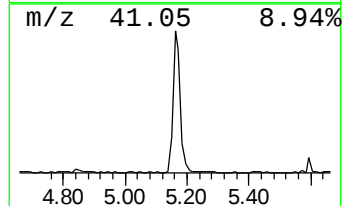
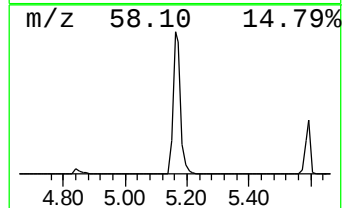
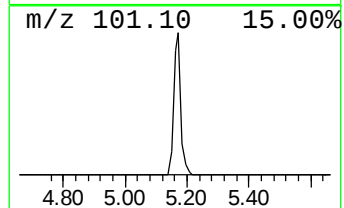
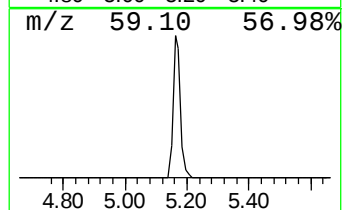
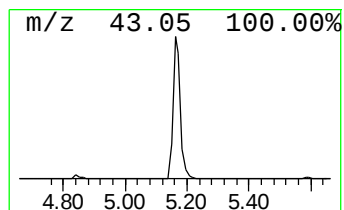
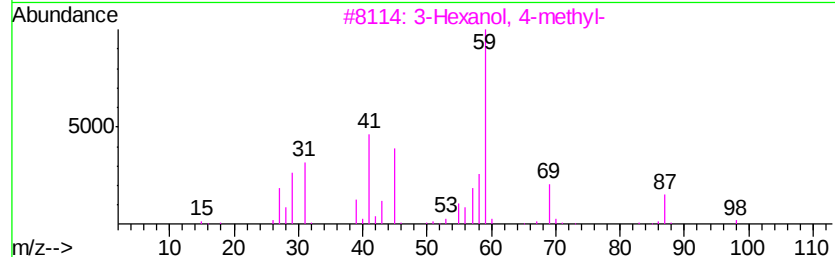
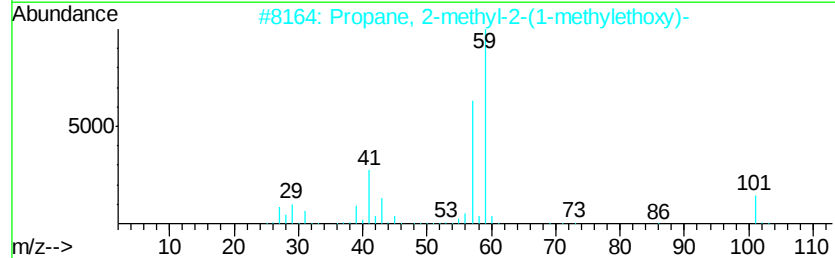
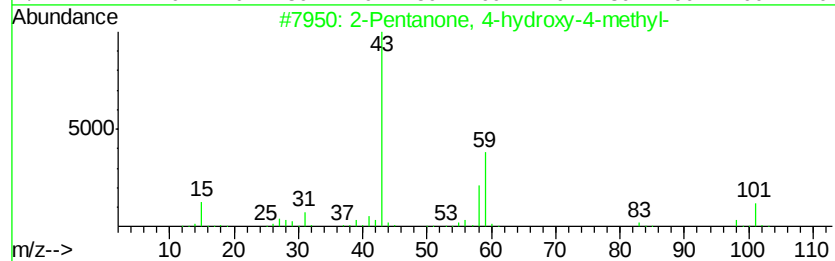
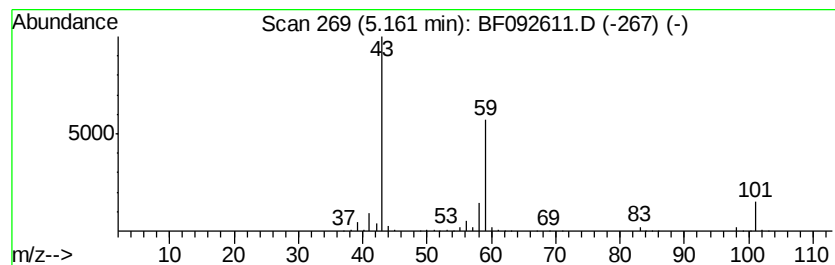
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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. |
|------|----------|---------|------------------------|------|
| 5.16 | 43.11 ng | 1960720 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 42   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 33   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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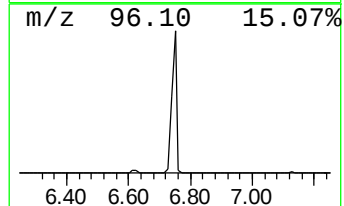
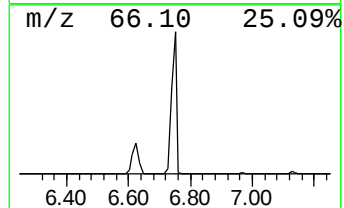
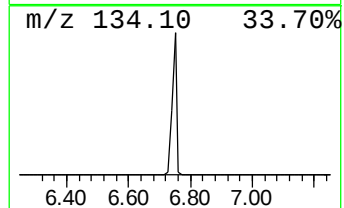
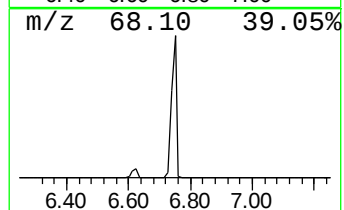
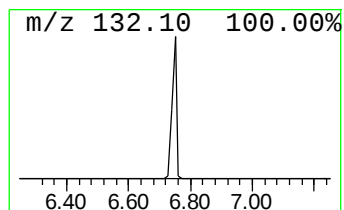
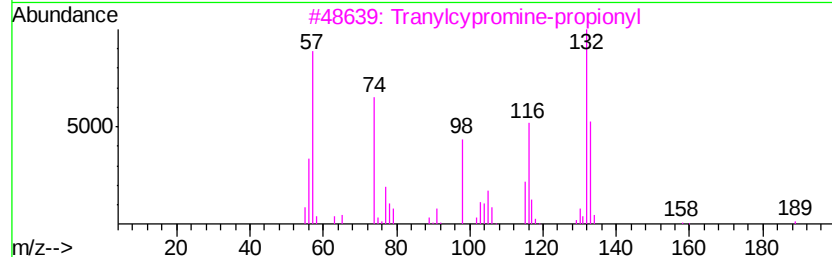
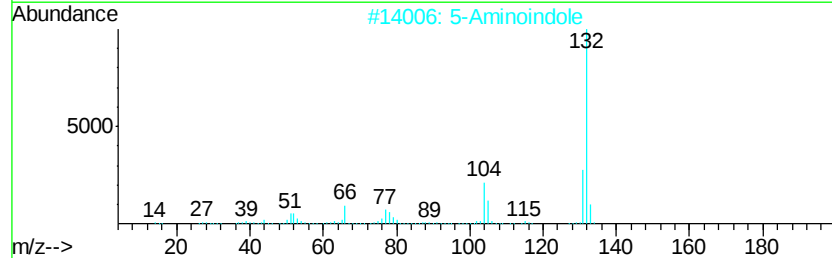
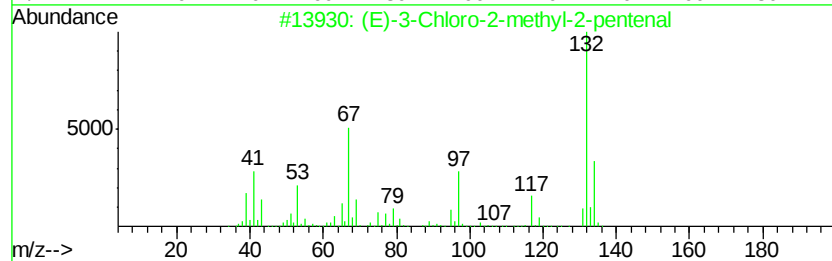
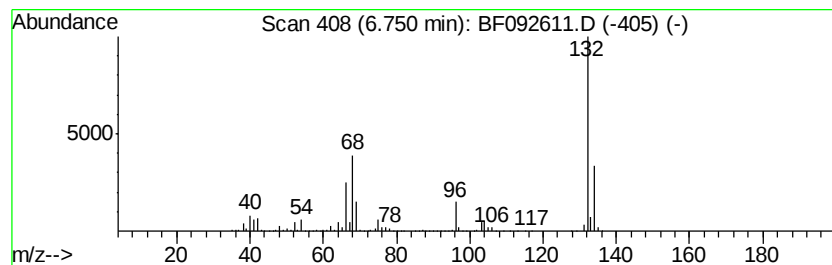
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.75 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.75 | 107.44 ng | 4886780 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|----------------------------------|-----|----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO  | 031357-76-3  | 17   |
| 2    |    | 5-Aminoindole                    | 132 | C8H8N2   | 005192-03-0  | 12   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO | 1000123-86-3 | 10   |
| 4    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4   | 019485-35-9  | 9    |
| 5    |    | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3   | 000372-38-3  | 9    |



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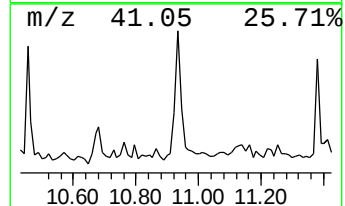
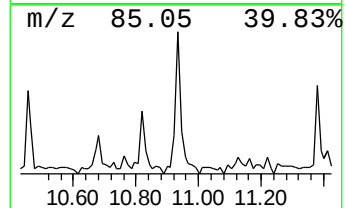
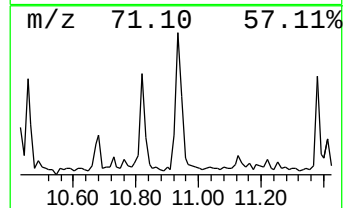
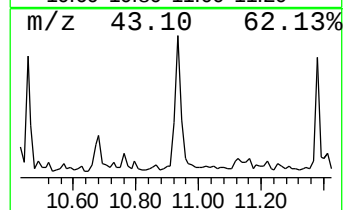
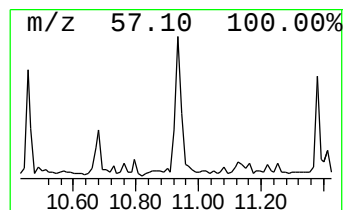
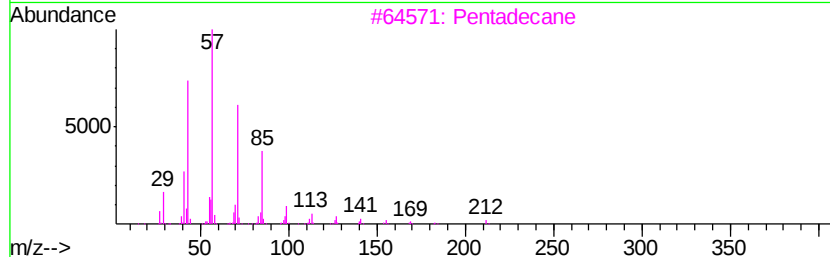
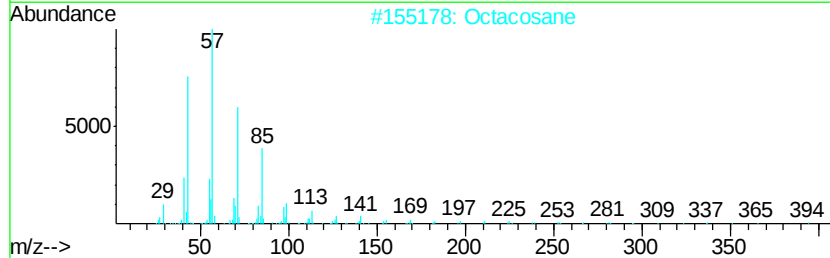
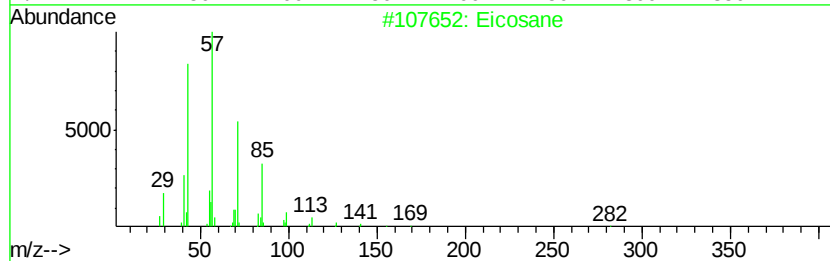
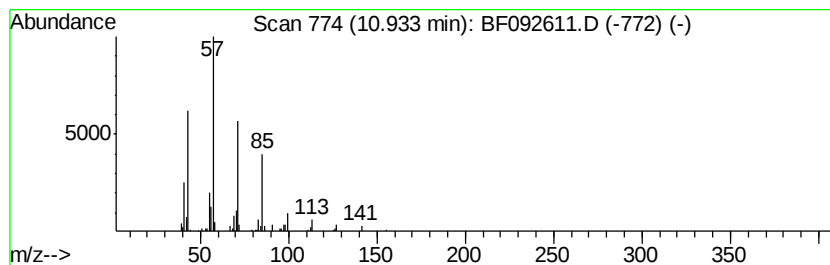
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Peak Number 4 Eicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD |     | R.T.    |             |      |
|-------|---------|--------|------------------|-----|---------|-------------|------|
| 10.93 | 2.71 ng | 128248 | Phenanthrene-d10 |     | 11.53   |             |      |
| Hit#  | of      | 5      | Tentative ID     | MW  | MolForm | CAS#        | Qual |
| 1     |         |        | Eicosane         | 282 | C20H42  | 000112-95-8 | 91   |
| 2     |         |        | Octacosane       | 394 | C28H58  | 000630-02-4 | 90   |
| 3     |         |        | Pentadecane      | 212 | C15H32  | 000629-62-9 | 90   |
| 4     |         |        | Tetradecane      | 198 | C14H30  | 000629-59-4 | 86   |
| 5     |         |        | Nonadecane       | 268 | C19H40  | 000629-92-5 | 86   |



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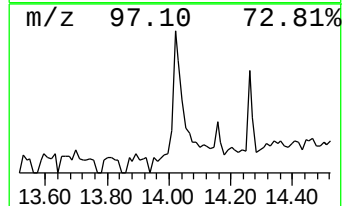
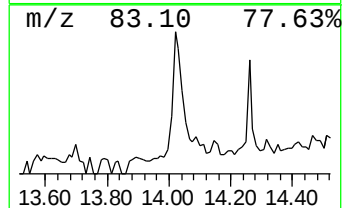
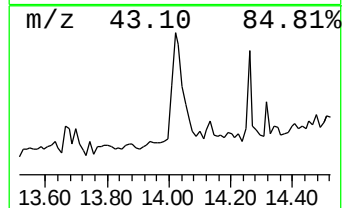
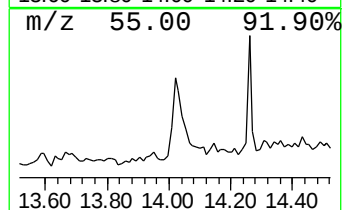
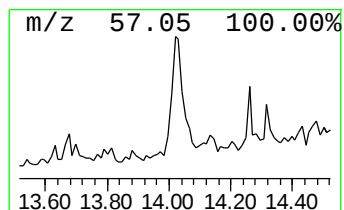
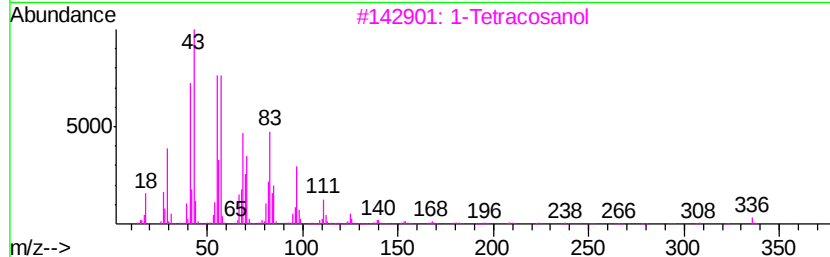
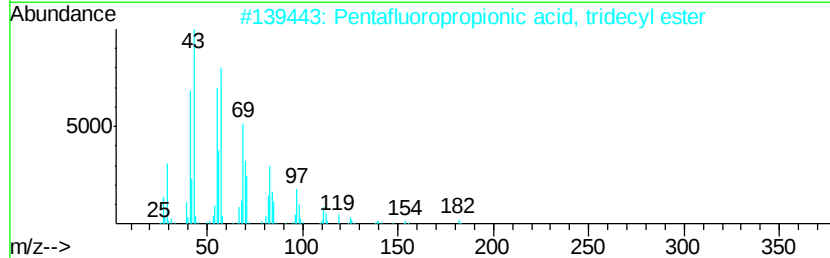
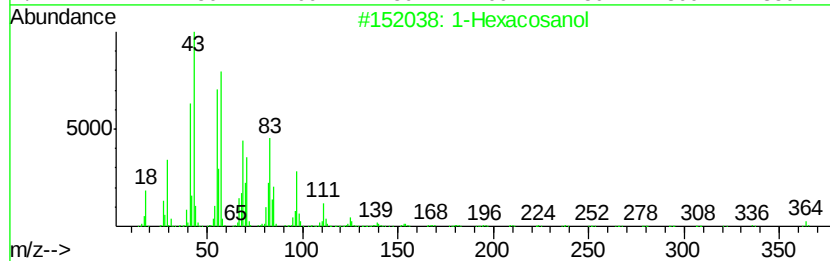
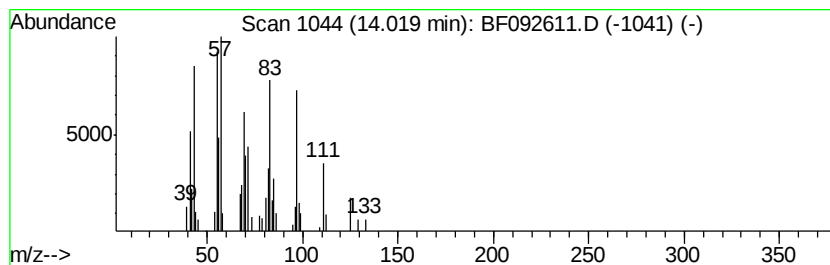
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\*\*\*\*\*  
Peak Number 5 1-Hexacosanol Concentration Rank 4

| R.T.    | EstConc                                   | Area           | Relative to ISTD | R.T.      |
|---------|-------------------------------------------|----------------|------------------|-----------|
| 14.02   | 3.01 ng                                   | 134822         | Chrysene-d12     | 14.17     |
| Hit# of | 5                                         | Tentative ID   | MW MolForm       | CAS# Qual |
| 1       | 1-Hexacosanol                             | 382 C26H54O    | 000506-52-5      | 83        |
| 2       | Pentafluoropropionic acid, tridecyl ester | 346 C16H27F5O2 | 1000280-07-3     | 72        |
| 3       | 1-Tetracosanol                            | 354 C24H50O    | 000506-51-4      | 62        |
| 4       | Octadecane, 1-(ethenyloxy)-               | 296 C20H40O    | 000930-02-9      | 50        |
| 5       | 4-Octanol, 7-methyl-, acetate             | 186 C11H22O2   | 033933-81-2      | 49        |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.16  | 43.1    | ng    | 1960720  | 1                     | 6.97  | 909723 | 20.0 |
| unknown6.75          | 6.75  | 107.4   | ng    | 4886780  | 1                     | 6.97  | 909723 | 20.0 |
| Eicosane             | 10.93 | 2.7     | ng    | 128248   | 4                     | 11.53 | 947446 | 20.0 |
| 1-Hexacosanol        | 14.02 | 3.0     | ng    | 134822   | 5                     | 14.17 | 895486 | 20.0 |