

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021517\  
 Data File : BF092961.D  
 Acq On : 15 Feb 2017 19:58  
 Operator : SJ/MA  
 Sample : I1839-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-01-AA9B-AA10B-AA11B-AA

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-BF013017.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         | 4.739       | 230           | 232         | 243          | rBV      | 16962          | 48677         | 1.02%           | 0.118%        |
| 2         | 5.047       | 256           | 259         | 267          | rBV      | 1186651        | 1868388       | 39.06%          | 4.529%        |
| 3         | 5.470       | 293           | 296         | 299          | rBV      | 3311314        | 4216027       | 88.13%          | 10.221%       |
| 4         | 6.510       | 384           | 387         | 390          | rBV      | 3565220        | 4274832       | 89.36%          | 10.363%       |
| 5         | 6.636       | 395           | 398         | 401          | rBV      | 3064426        | 4378782       | 91.54%          | 10.615%       |
| 6         | 6.876       | 416           | 419         | 421          | rBV      | 623058         | 833924        | 17.43%          | 2.022%        |
| 7         | 7.025       | 430           | 432         | 435          | rBV      | 2679811        | 3179539       | 66.47%          | 7.708%        |
| 8         | 7.436       | 465           | 468         | 471          | rBV      | 1928362        | 2926453       | 61.18%          | 7.094%        |
| 9         | 8.156       | 529           | 531         | 534          | rBV      | 1285478        | 1161050       | 24.27%          | 2.815%        |
| 10        | 9.230       | 622           | 625         | 628          | rBV      | 4073178        | 4481064       | 93.67%          | 10.863%       |
| 11        | 9.631       | 657           | 660         | 661          | rBV      | 160987         | 201025        | 4.20%           | 0.487%        |
| 12        | 9.825       | 669           | 677         | 682          | rBV      | 112810         | 245654        | 5.14%           | 0.596%        |
| 13        | 9.905       | 682           | 684         | 687          | rVB      | 1473842        | 1350254       | 28.23%          | 3.273%        |
| 14        | 10.339      | 713           | 722         | 723          | rBV      | 88861          | 125451        | 2.62%           | 0.304%        |
| 15        | 10.693      | 750           | 753         | 756          | rBV2     | 2193542        | 2753240       | 57.56%          | 6.674%        |
| 16        | 10.808      | 761           | 763         | 768          | rVB      | 148351         | 167927        | 3.51%           | 0.407%        |
| 17        | 11.254      | 800           | 802         | 804          | rBV      | 101263         | 94535         | 1.98%           | 0.229%        |
| 18        | 11.391      | 811           | 814         | 816          | rBV      | 1556285        | 1419278       | 29.67%          | 3.441%        |
| 19        | 12.979      | 950           | 953         | 955          | rBV      | 4180762        | 4783645       | 100.00%         | 11.597%       |
| 20        | 13.860      | 1028          | 1030        | 1037         | rBV      | 113473         | 159699        | 3.34%           | 0.387%        |
| 21        | 14.020      | 1042          | 1044        | 1047         | rVB      | 1319027        | 1250981       | 26.15%          | 3.033%        |
| 22        | 15.460      | 1167          | 1170        | 1175         | rBV      | 758989         | 1114611       | 23.30%          | 2.702%        |
| 23        | 15.894      | 1205          | 1208        | 1210         | rBV      | 40601          | 62604         | 1.31%           | 0.152%        |
| 24        | 16.374      | 1246          | 1250        | 1257         | rBV2     | 43022          | 96183         | 2.01%           | 0.233%        |
| 25        | 16.934      | 1296          | 1299        | 1304         | rBV      | 28991          | 56818         | 1.19%           | 0.138%        |

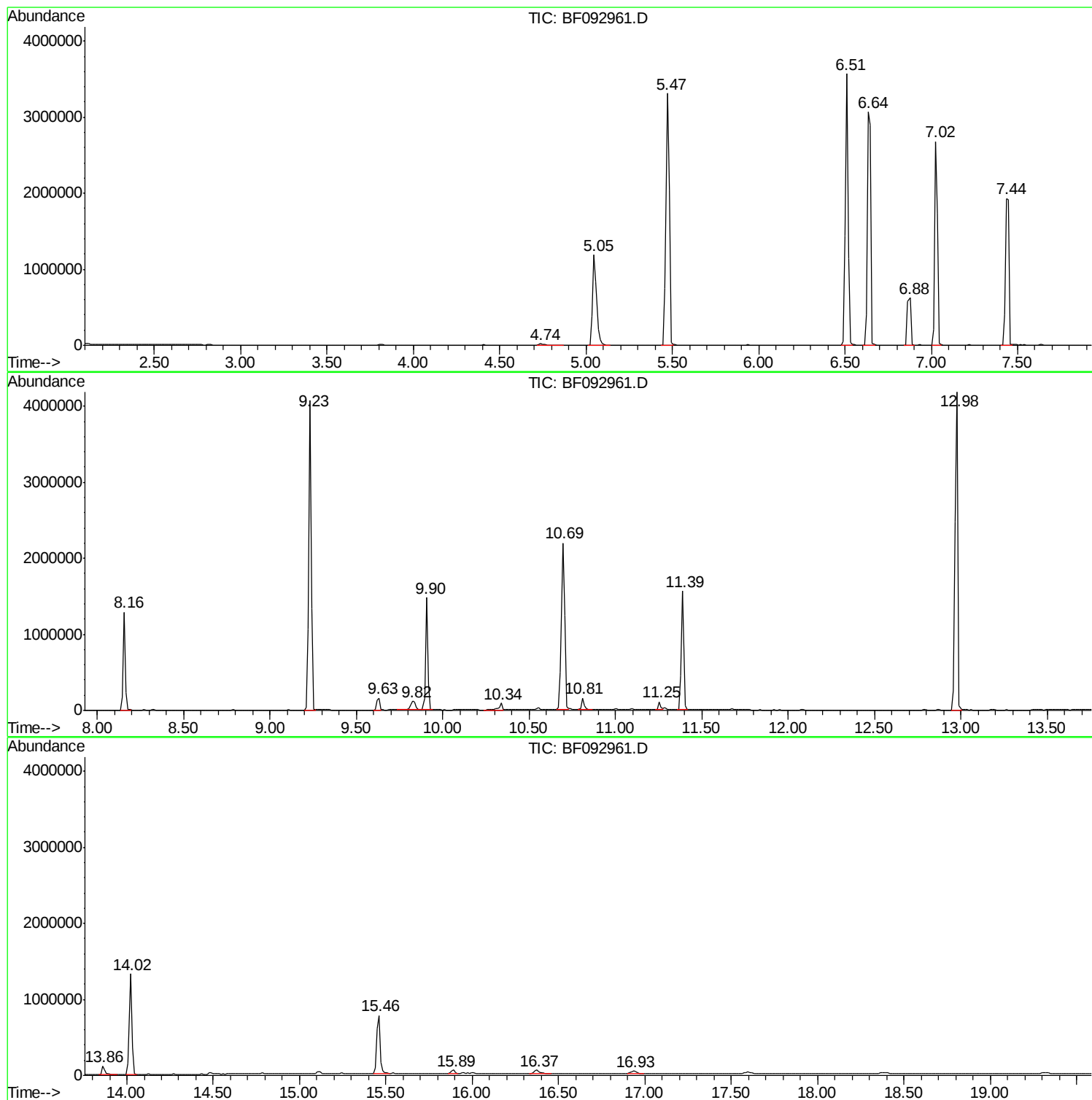
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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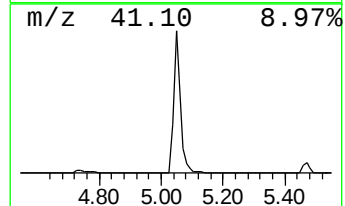
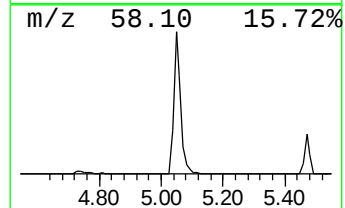
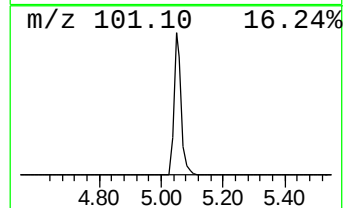
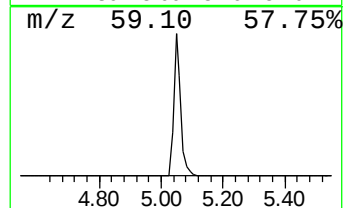
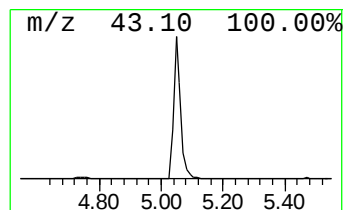
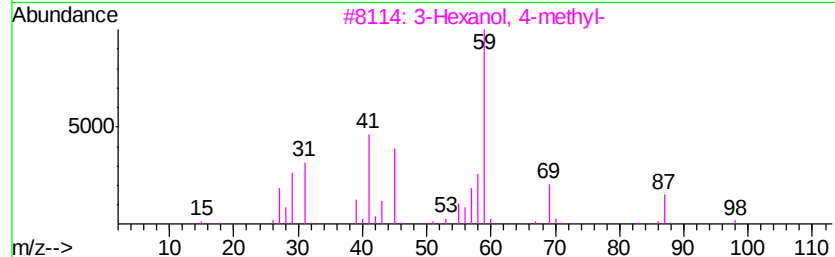
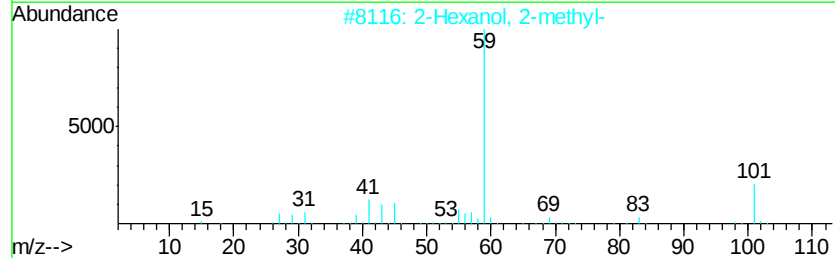
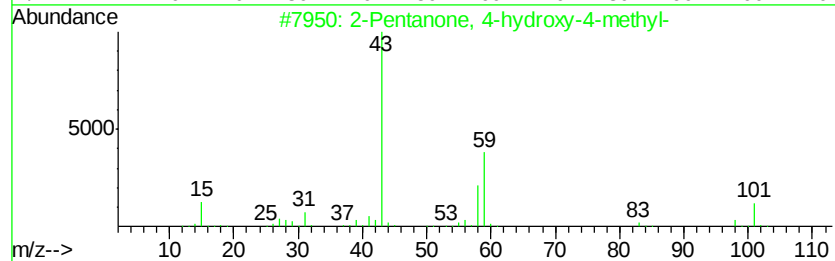
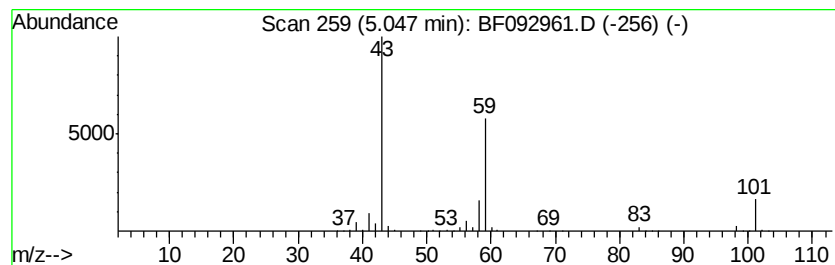
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.05 | 44.81 ng | 1868390 | 1,4-Dichlorobenzene-d4 | 6.88 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |      | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 33   |
| 3    |      | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |      | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 5    |      | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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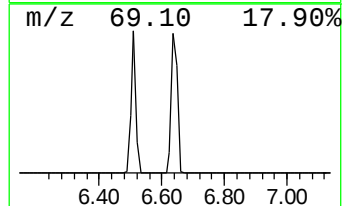
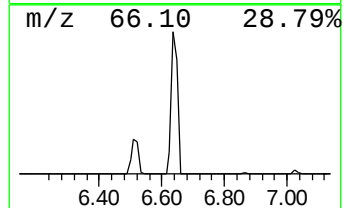
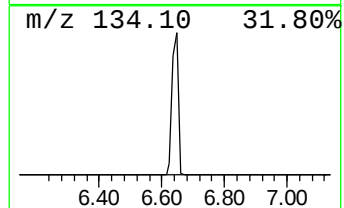
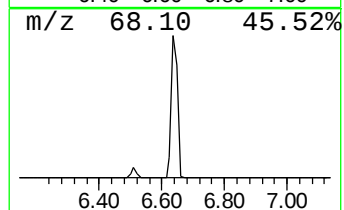
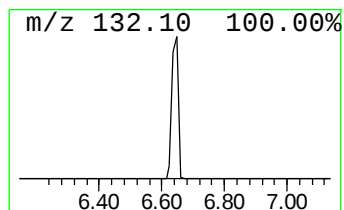
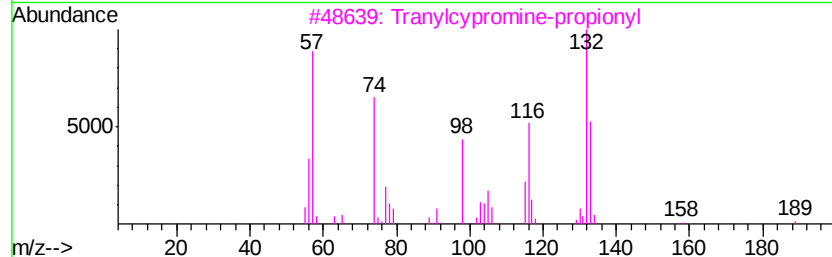
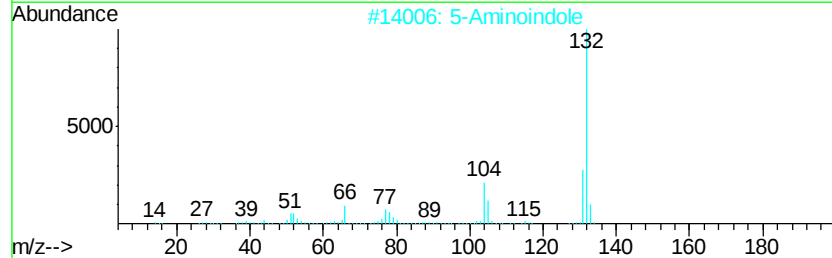
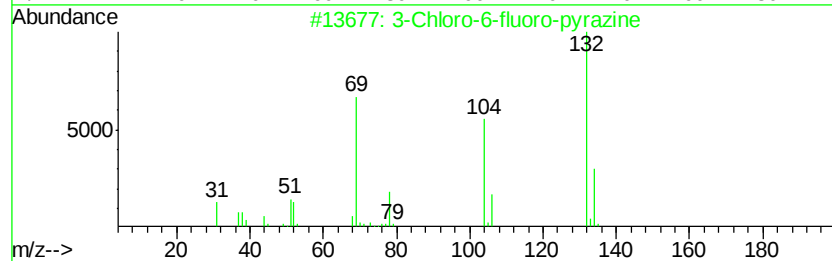
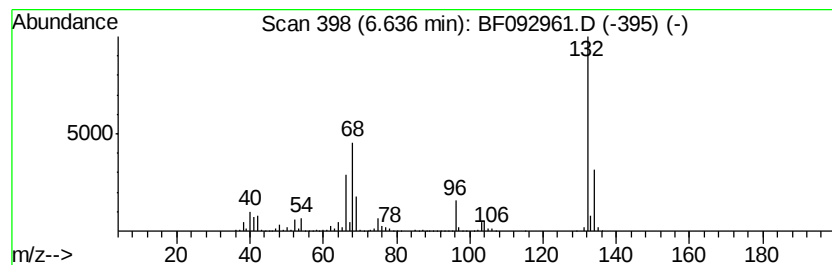
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.64 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.64 | 105.02 ng | 4378780 | 1,4-Dichlorobenzene-d4 | 6.88 |

| 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    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Xenon                               | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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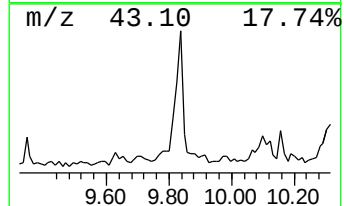
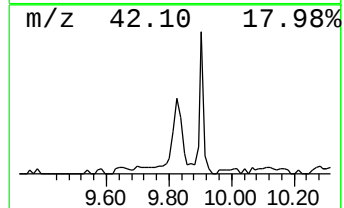
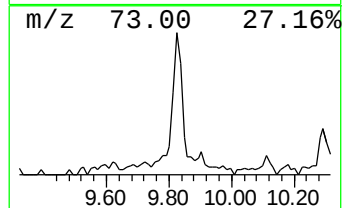
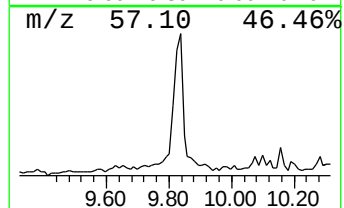
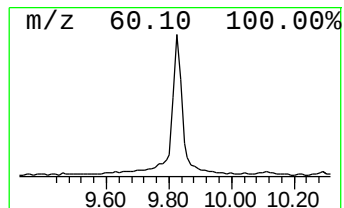
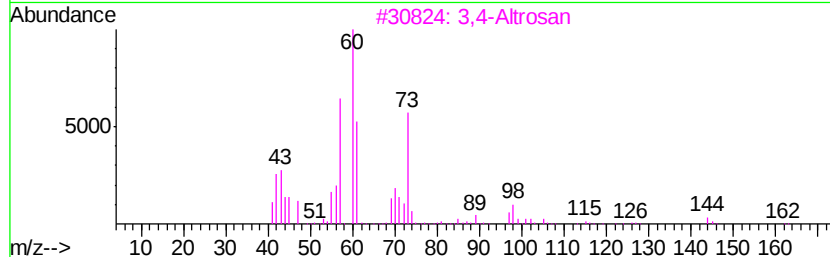
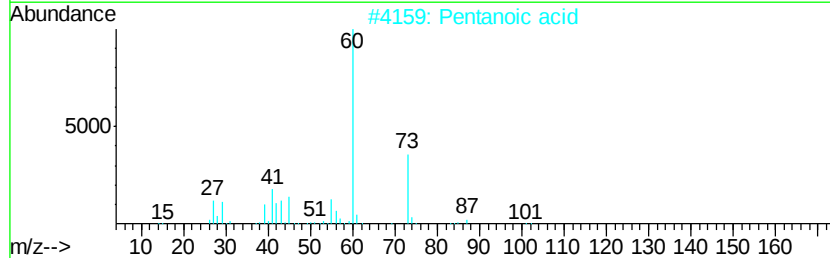
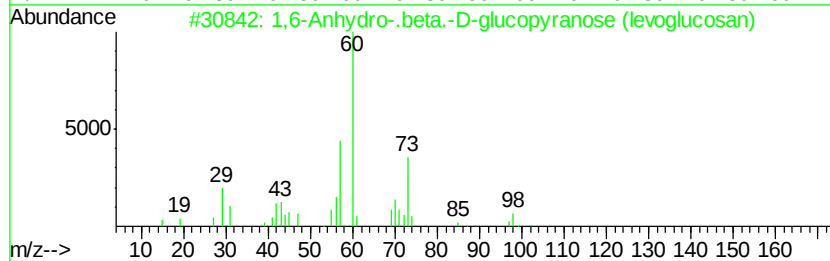
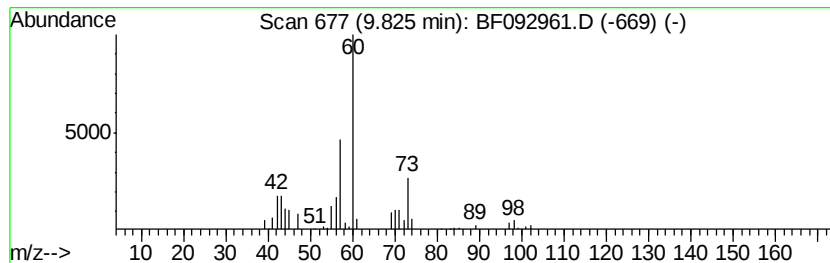
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ClientSampleId :  
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Peak Number 4 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.82      | 3.64 ng                             | 245654 | Acenaphthene-d10 | 9.90         |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1,6-Anhydro-.beta.-D-glucopyrano... | 162    | C6H10O5          | 000498-07-7  | 72   |
| 2         | Pentanoic acid                      | 102    | C5H10O2          | 000109-52-4  | 50   |
| 3         | 3,4-Altrosan                        | 162    | C6H10O5          | 1000129-76-4 | 42   |
| 4         | .beta.-D-Ribopyranoside, methyl     | 164    | C6H12O5          | 017289-61-1  | 42   |
| 5         | Hexanoic acid                       | 116    | C6H12O2          | 000142-62-1  | 33   |



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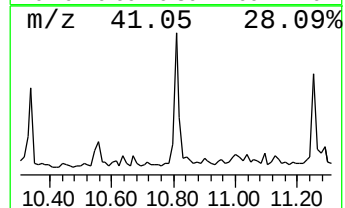
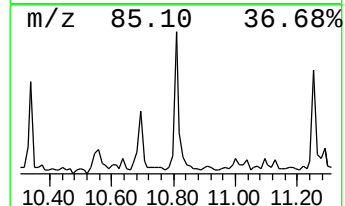
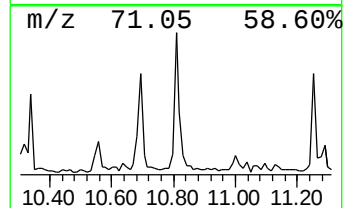
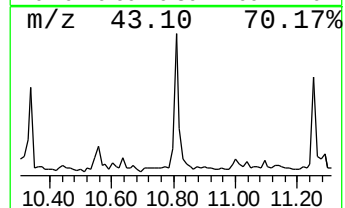
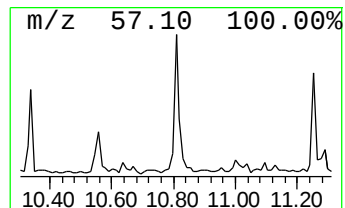
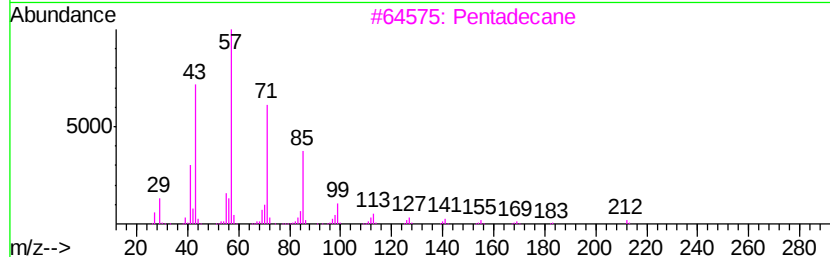
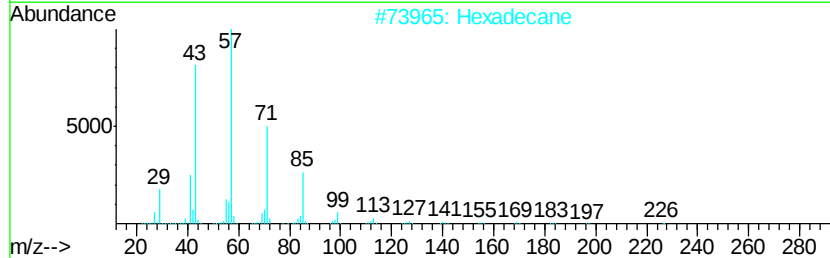
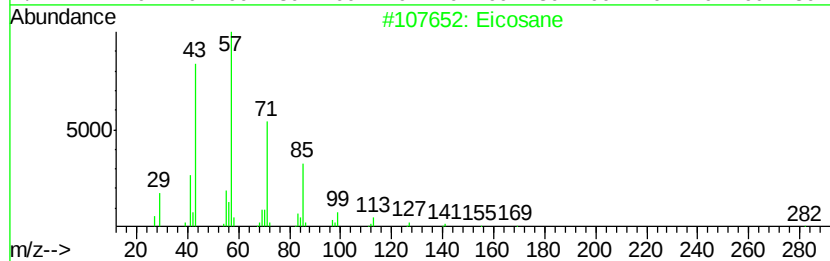
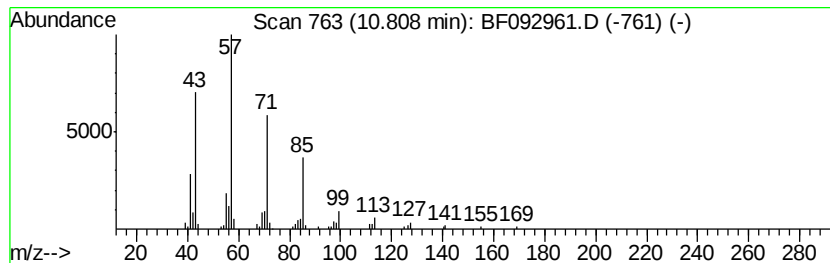
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\*\*\*\*\*  
Peak Number 5 Eicosane Concentration Rank 6

| R.T.      | EstConc                  | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------|--------|------------------|-------------|------|
| 10.81     | 2.37 ng                  | 167927 | Phenanthrene-d10 | 11.39       |      |
| Hit# of 5 | Tentative ID             | MW     | MolForm          | CAS#        | Qual |
| 1         | Eicosane                 | 282    | C20H42           | 000112-95-8 | 91   |
| 2         | Hexadecane               | 226    | C16H34           | 000544-76-3 | 90   |
| 3         | Pentadecane              | 212    | C15H32           | 000629-62-9 | 90   |
| 4         | Tridecane                | 184    | C13H28           | 000629-50-5 | 90   |
| 5         | Decane, 2,3,5-trimethyl- | 184    | C13H28           | 062238-11-3 | 83   |



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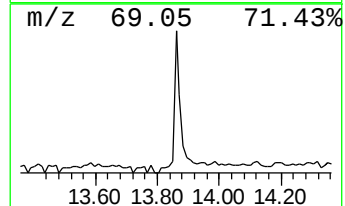
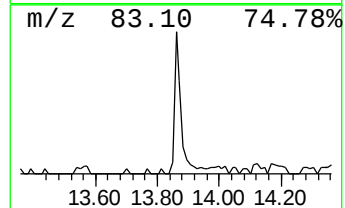
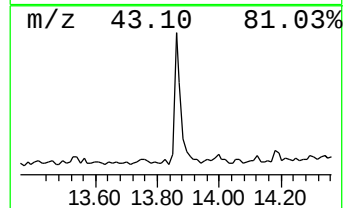
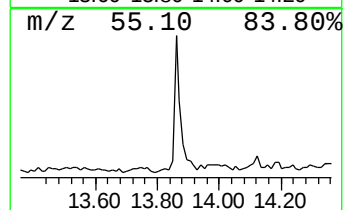
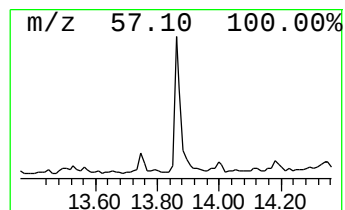
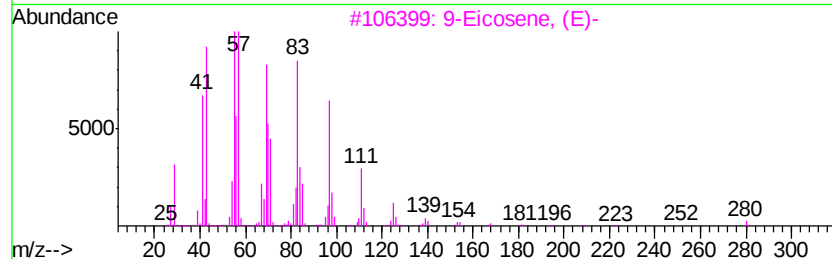
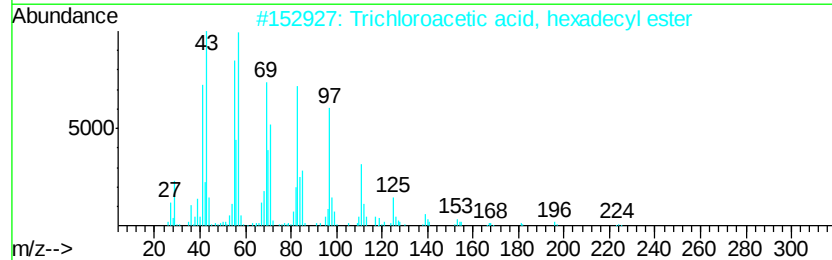
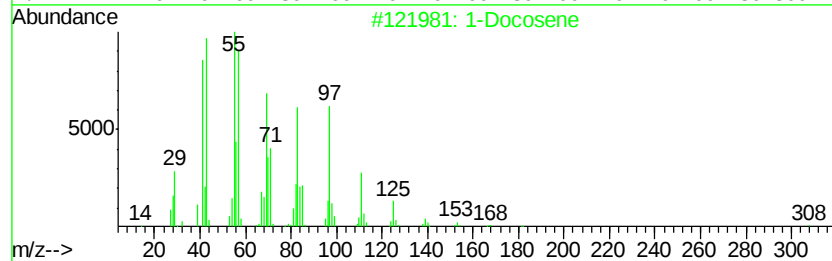
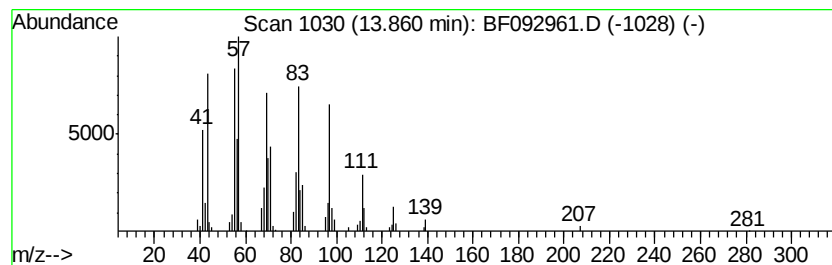
TIC Library : C:\DATABASE\NIST02.L  
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Peak Number 6 1-Docosene Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.86 | 2.55 ng | 159699 | Chrysene-d12     | 14.02 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | 1-Docosene                          | 308 | C22H44      | 001599-67-3 | 94   |
| 2    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 3    |    | 9-Eicosene, (E)-                    | 280 | C20H40      | 074685-29-3 | 91   |
| 4    |    | 5-Eicosene, (E)-                    | 280 | C20H40      | 074685-30-6 | 91   |
| 5    |    | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 91   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF021517\  
Data File : BF092961.D  
Acq On : 15 Feb 2017 19:58  
Operator : SJ/MA  
Sample : I1839-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-01-AA9B-AA10B-AA11B-AA

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.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 |
| 2-Pentanone, 4-hy... | 5.05  | 44.8    | ng    | 1868390  | 1                     | 6.88  | 833924  | 20.0 |
| unknown6.64          | 6.64  | 105.0   | ng    | 4378780  | 1                     | 6.88  | 833924  | 20.0 |
| 1,6-Anhydro-.beta... | 9.82  | 3.6     | ng    | 245654   | 3                     | 9.90  | 1350250 | 20.0 |
| Eicosane             | 10.81 | 2.4     | ng    | 167927   | 4                     | 11.39 | 1419280 | 20.0 |
| 1-Docosene           | 13.86 | 2.5     | ng    | 159699   | 5                     | 14.02 | 1250980 | 20.0 |