

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\  
 Data File : BF082955.D  
 Acq On : 16 Nov 2015 23:22  
 Operator : UM/IZ  
 Sample : G4446-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 111415-A263-F-D-M

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-BF110715.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         | 4.944       | 248           | 250         | 255          | rVB      | 263023         | 373962        | 5.10%           | 0.838%        |
| 2         | 5.390       | 286           | 289         | 291          | rBV      | 2030985        | 1843483       | 25.12%          | 4.130%        |
| 3         | 6.430       | 377           | 380         | 382          | rBV      | 1350722        | 1308029       | 17.82%          | 2.931%        |
| 4         | 6.556       | 388           | 391         | 393          | rBV      | 3426432        | 3392787       | 46.23%          | 7.602%        |
| 5         | 6.784       | 408           | 411         | 413          | rBV      | 1274935        | 1297549       | 17.68%          | 2.907%        |
| 6         | 6.944       | 422           | 425         | 427          | rVB      | 4008726        | 4586676       | 62.50%          | 10.277%       |
| 7         | 7.345       | 457           | 460         | 463          | rBV      | 2820576        | 3725616       | 50.77%          | 8.347%        |
| 8         | 8.065       | 521           | 523         | 526          | rBV      | 1531376        | 1665386       | 22.69%          | 3.731%        |
| 9         | 9.150       | 615           | 618         | 620          | rBV      | 6428884        | 6509978       | 88.71%          | 14.586%       |
| 10        | 9.539       | 651           | 652         | 657          | rVB      | 107434         | 124768        | 1.70%           | 0.280%        |
| 11        | 9.768       | 670           | 672         | 674          | rVB      | 157924         | 126089        | 1.72%           | 0.283%        |
| 12        | 9.825       | 674           | 677         | 679          | rBV      | 2162652        | 2153668       | 29.35%          | 4.825%        |
| 13        | 10.271      | 712           | 716         | 717          | rBV      | 182222         | 208355        | 2.84%           | 0.467%        |
| 14        | 10.488      | 732           | 735         | 738          | rBV      | 62775          | 106259        | 1.45%           | 0.238%        |
| 15        | 10.613      | 743           | 746         | 748          | rBV      | 2820665        | 3144957       | 42.86%          | 7.046%        |
| 16        | 10.739      | 755           | 757         | 761          | rVV      | 196802         | 218063        | 2.97%           | 0.489%        |
| 17        | 11.185      | 792           | 796         | 798          | rBV      | 104355         | 122628        | 1.67%           | 0.275%        |
| 18        | 11.299      | 804           | 806         | 809          | rVB      | 2179354        | 2082845       | 28.38%          | 4.667%        |
| 19        | 12.134      | 877           | 879         | 881          | rBV      | 63416          | 75249         | 1.03%           | 0.169%        |
| 20        | 12.351      | 895           | 898         | 900          | rVB      | 97877          | 111138        | 1.51%           | 0.249%        |
| 21        | 12.694      | 926           | 928         | 929          | rBV      | 91044          | 79096         | 1.08%           | 0.177%        |
| 22        | 12.899      | 942           | 946         | 948          | rBV      | 5439670        | 7338317       | 100.00%         | 16.442%       |
| 23        | 13.802      | 1022          | 1025        | 1030         | rBV2     | 74715          | 114204        | 1.56%           | 0.256%        |
| 24        | 13.939      | 1034          | 1037        | 1039         | rBV      | 1744200        | 2219853       | 30.25%          | 4.974%        |
| 25        | 15.345      | 1156          | 1160        | 1162         | rBV      | 1180031        | 1702699       | 23.20%          | 3.815%        |

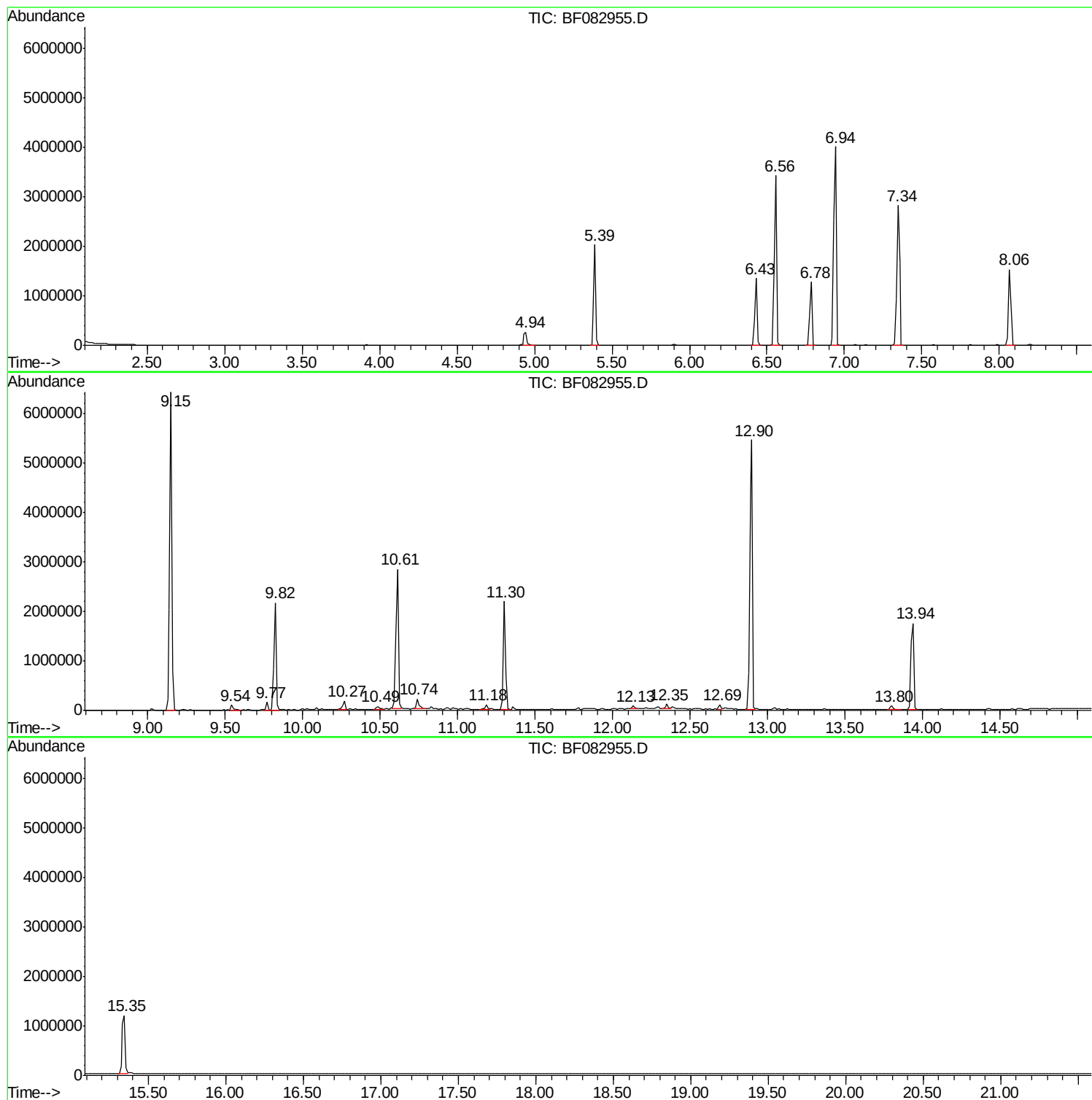
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111415-A263-F-D-M

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110715.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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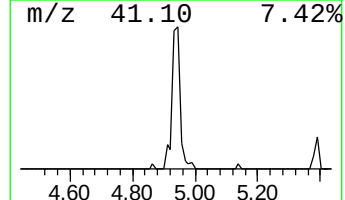
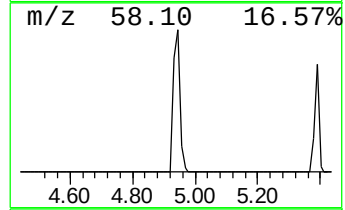
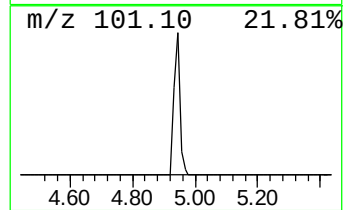
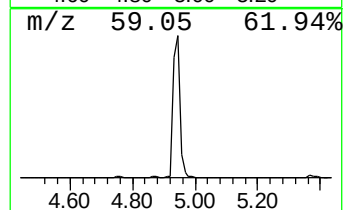
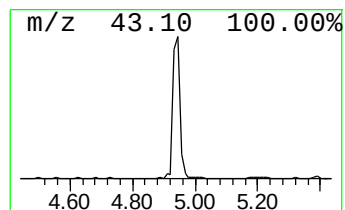
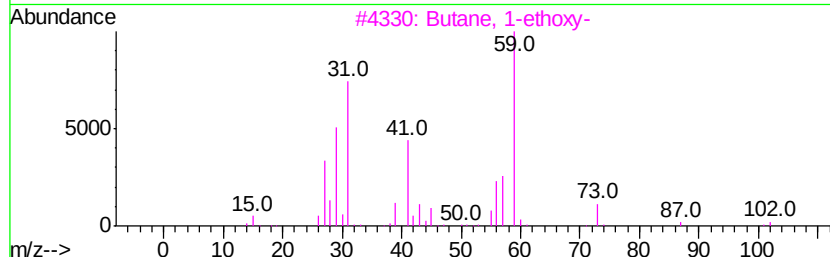
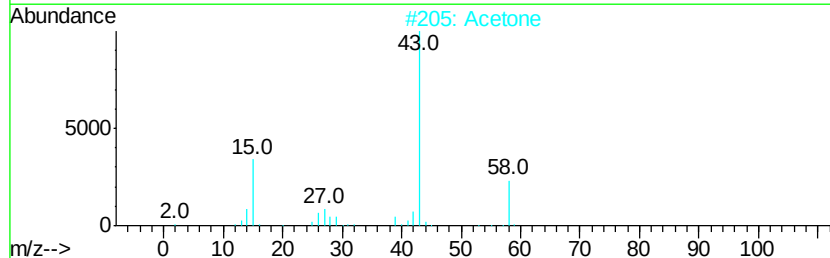
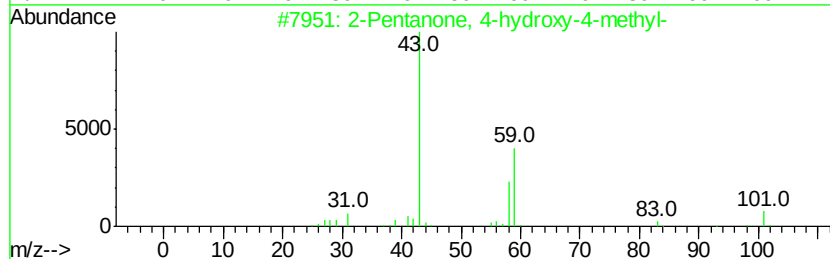
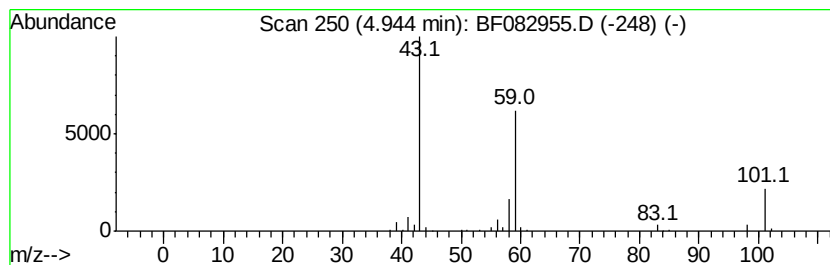
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 4.94 | 5.76 ng | 373962 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# of | 5                                  | Tentative ID | MW      | MolForm | CAS#        | Qual |
|---------|------------------------------------|--------------|---------|---------|-------------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-   | 116          | C6H12O2 |         | 000123-42-2 | 56   |
| 2       | Acetone                            | 58           | C3H6O   |         | 000067-64-1 | 9    |
| 3       | Butane, 1-ethoxy-                  | 102          | C6H14O  |         | 000628-81-9 | 9    |
| 4       | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101          | C4H7NO2 |         | 016504-58-8 | 9    |
| 5       | Guanidine                          | 59           | CH5N3   |         | 000113-00-8 | 9    |



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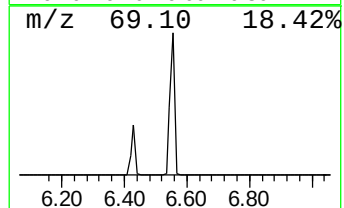
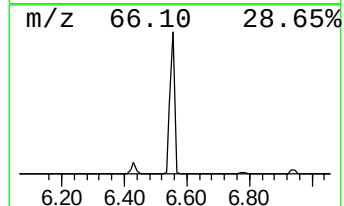
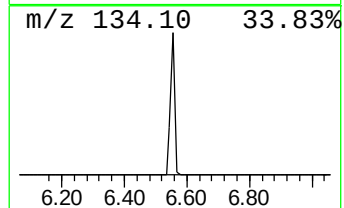
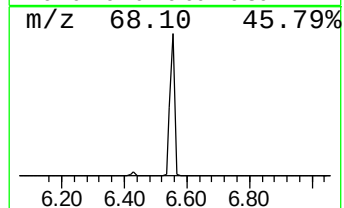
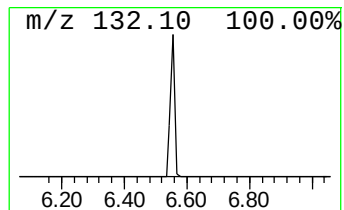
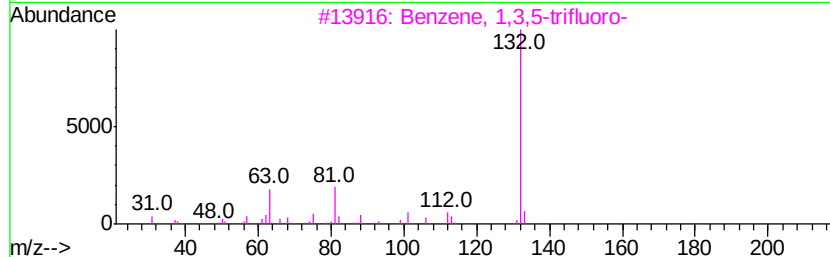
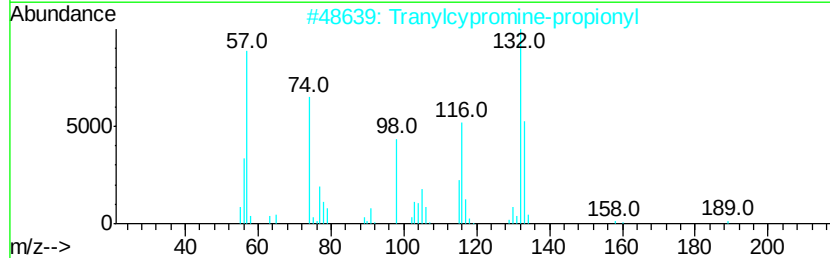
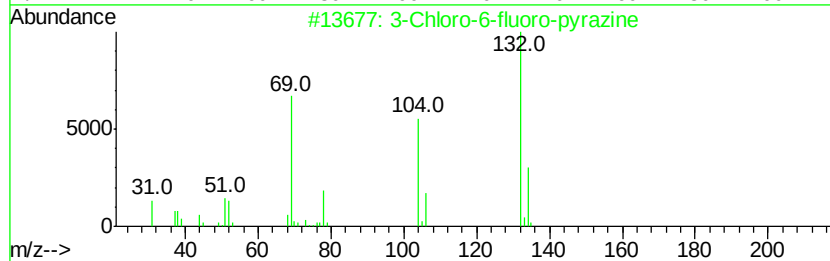
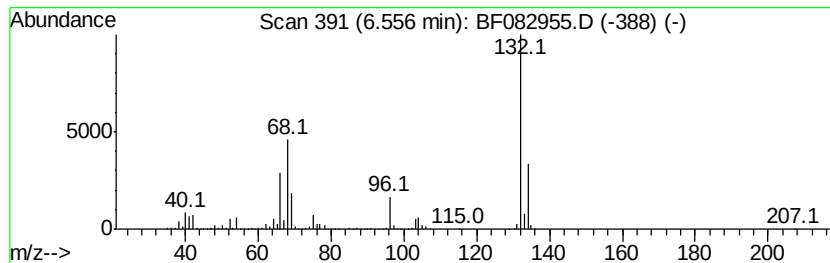
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Peak Number 2 unknown6.56 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.56 | 52.30 ng | 3392790 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Benzene, 1,3,5-trifluoro-           | 132 | C6H3F3    | 000372-38-3  | 9    |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |



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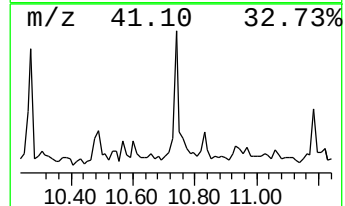
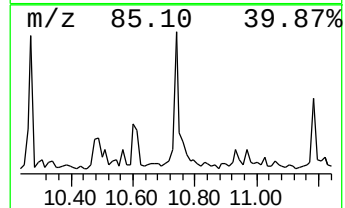
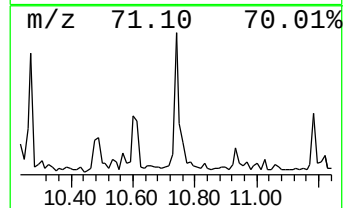
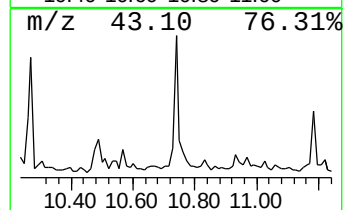
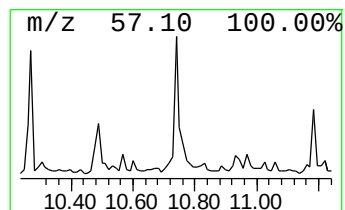
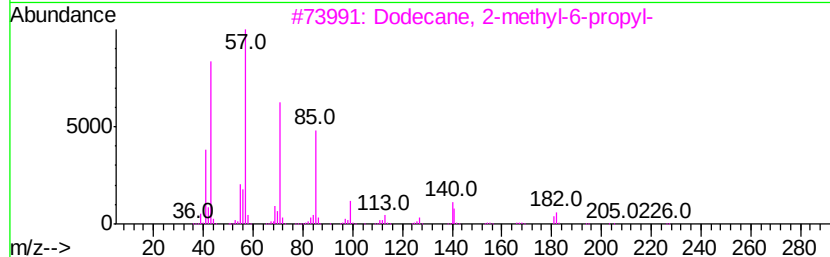
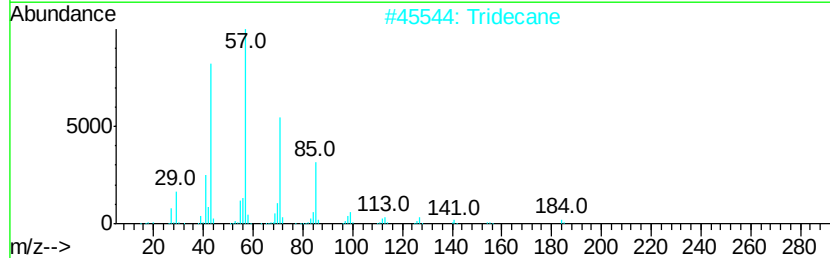
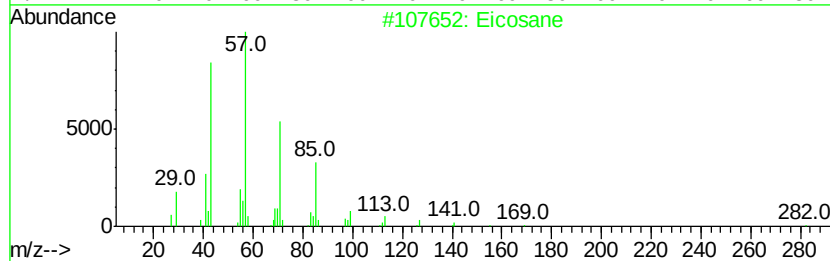
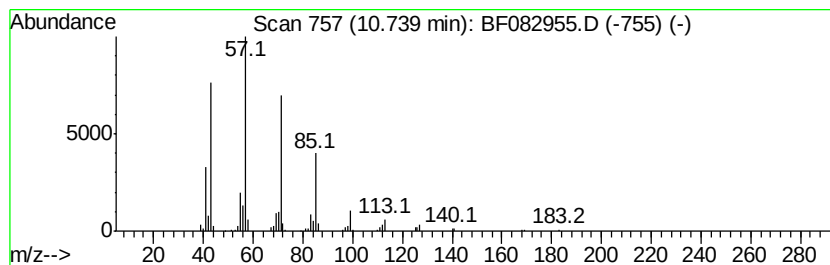
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ClientSampleId :  
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Peak Number 4 Eicosane Concentration Rank 4

| R.T.    | EstConc                      | Area         | Relative to ISTD | R.T.      |
|---------|------------------------------|--------------|------------------|-----------|
| 10.74   | 2.09 ng                      | 218063       | Phenanthrene-d10 | 11.30     |
| Hit# of | 5                            | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Eicosane                     | 282 C20H42   | 000112-95-8      | 91        |
| 2       | Tridecane                    | 184 C13H28   | 000629-50-5      | 86        |
| 3       | Dodecane, 2-methyl-6-propyl- | 226 C16H34   | 055045-08-4      | 80        |
| 4       | Dodecane, 1-iodo-            | 296 C12H25I  | 004292-19-7      | 80        |
| 5       | Pentadecane                  | 212 C15H32   | 000629-62-9      | 78        |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.94  | 5.8     | ng    | 373962   | 1                     | 6.78  | 1297550 | 20.0 |
| unknown6.56          | 6.56  | 52.3    | ng    | 3392790  | 1                     | 6.78  | 1297550 | 20.0 |
| Eicosane             | 10.74 | 2.1     | ng    | 218063   | 4                     | 11.30 | 2082850 | 20.0 |