

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081715\  
 Data File : BF081025.D  
 Acq On : 18 Aug 2015 2:42  
 Operator : UM/IZ  
 Sample : G3267-01 5X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1(0-9)

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-BF081715.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         | 4.730       | 238           | 240         | 243          | rBV      | 218184         | 270791        | 14.58%          | 3.725%        |
| 2         | 5.187       | 278           | 280         | 283          | rBV      | 316059         | 383613        | 20.65%          | 5.278%        |
| 3         | 6.262       | 372           | 374         | 376          | rBV      | 521044         | 433890        | 23.36%          | 5.969%        |
| 4         | 6.387       | 383           | 385         | 387          | rBV      | 525262         | 418134        | 22.51%          | 5.753%        |
| 5         | 6.627       | 404           | 406         | 408          | rBV      | 375792         | 357232        | 19.23%          | 4.915%        |
| 6         | 6.776       | 417           | 419         | 422          | rBV      | 330771         | 310759        | 16.73%          | 4.275%        |
| 7         | 7.187       | 453           | 455         | 457          | rBV      | 350957         | 289024        | 15.56%          | 3.976%        |
| 8         | 7.907       | 516           | 518         | 521          | rBV      | 429877         | 433529        | 23.34%          | 5.964%        |
| 9         | 8.993       | 611           | 613         | 615          | rVB      | 336411         | 375886        | 20.23%          | 5.171%        |
| 10        | 9.382       | 645           | 647         | 650          | rVB      | 52066          | 63255         | 3.40%           | 0.870%        |
| 11        | 9.656       | 669           | 671         | 674          | rBV      | 539991         | 460590        | 24.79%          | 6.337%        |
| 12        | 10.433      | 737           | 739         | 742          | rVB2     | 231583         | 219505        | 11.82%          | 3.020%        |
| 13        | 11.131      | 798           | 800         | 802          | rBV      | 546717         | 455422        | 24.51%          | 6.266%        |
| 14        | 11.679      | 846           | 848         | 850          | rBV      | 41798          | 40507         | 2.18%           | 0.557%        |
| 15        | 12.559      | 922           | 925         | 928          | rBV      | 19285          | 29472         | 1.59%           | 0.405%        |
| 16        | 12.708      | 936           | 938         | 941          | rBV      | 231927         | 225588        | 12.14%          | 3.104%        |
| 17        | 13.199      | 978           | 981         | 983          | rVV      | 79706          | 102792        | 5.53%           | 1.414%        |
| 18        | 13.428      | 999           | 1001        | 1004         | rBV      | 43350          | 52494         | 2.83%           | 0.722%        |
| 19        | 13.634      | 1018          | 1019        | 1024         | rVB3     | 9957           | 20067         | 1.08%           | 0.276%        |
| 20        | 13.759      | 1026          | 1030        | 1033         | rBV2     | 1431329        | 1857799       | 100.00%         | 25.559%       |
| 21        | 14.605      | 1103          | 1104        | 1107         | rBV      | 25414          | 23109         | 1.24%           | 0.318%        |
| 22        | 14.731      | 1113          | 1115        | 1119         | rBV5     | 13123          | 28142         | 1.51%           | 0.387%        |
| 23        | 15.097      | 1145          | 1147        | 1150         | rBV      | 257603         | 311338        | 16.76%          | 4.283%        |
| 24        | 15.531      | 1183          | 1185        | 1193         | rBV6     | 9003           | 34785         | 1.87%           | 0.479%        |
| 25        | 15.703      | 1198          | 1200        | 1203         | rVB4     | 16270          | 25117         | 1.35%           | 0.346%        |
| 26        | 16.068      | 1230          | 1232        | 1235         | rVB2     | 13672          | 20693         | 1.11%           | 0.285%        |
| 27        | 16.605      | 1276          | 1279        | 1283         | rVB5     | 9881           | 25177         | 1.36%           | 0.346%        |

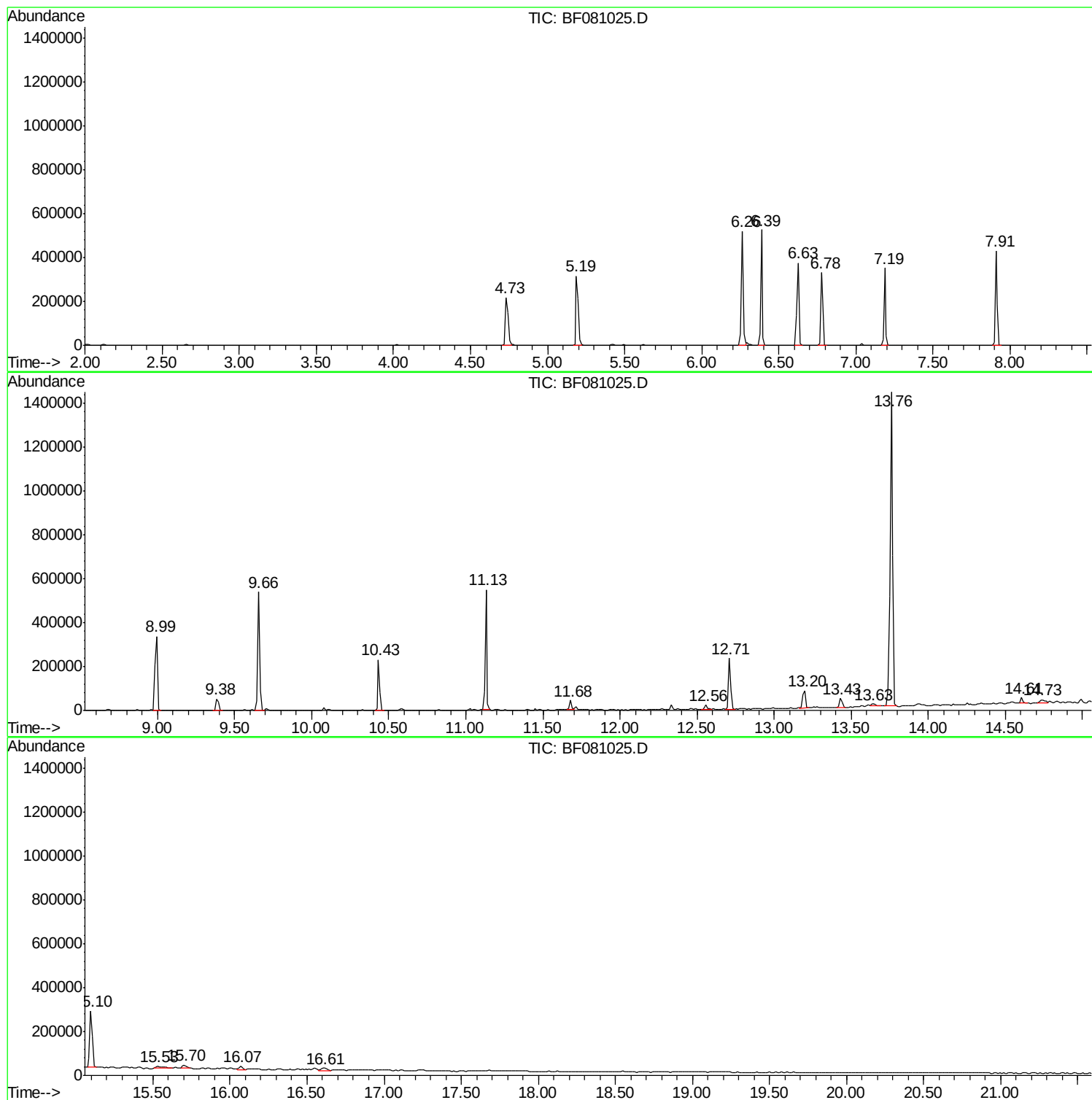
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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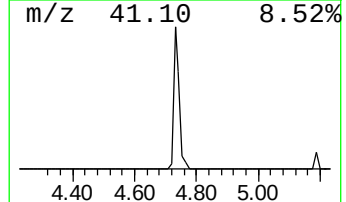
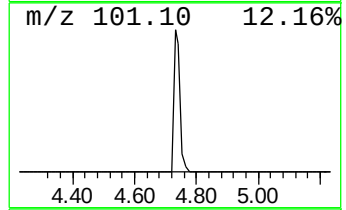
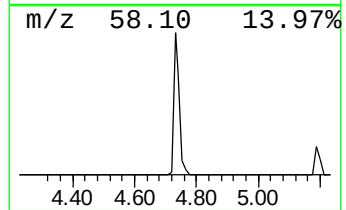
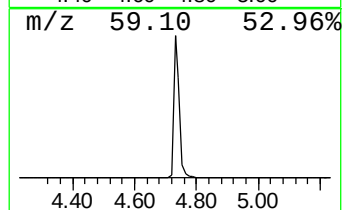
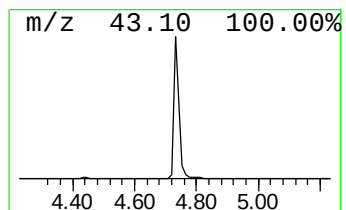
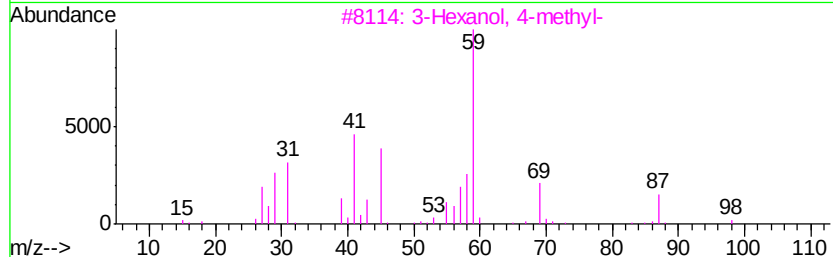
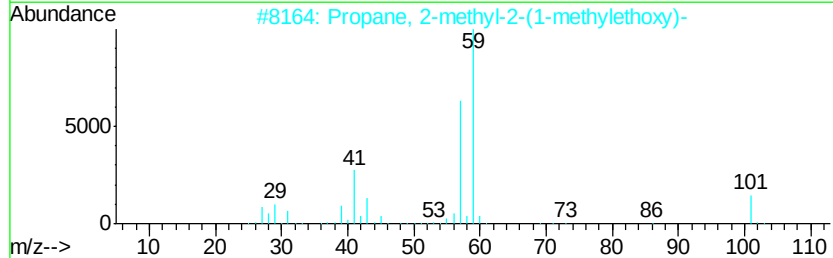
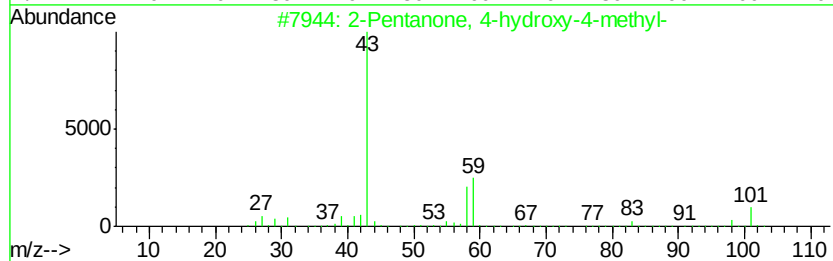
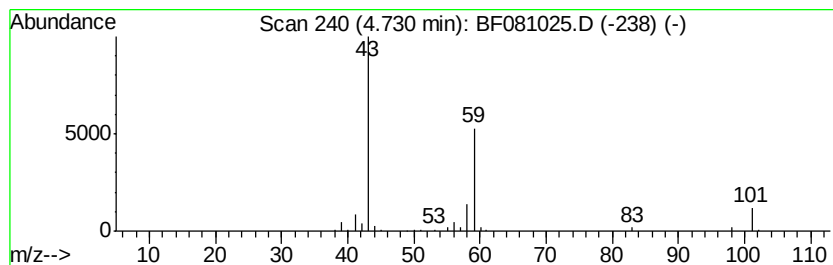
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TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 4.73 | 15.16 ng | 270791 | 1,4-Dichlorobenzene-d4 | 6.63 |

| 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 | 36   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O  | 000615-29-2 | 33   |
| 4    |    |   | 3-Hexanol                           | 102 | C6H14O  | 000623-37-0 | 33   |
| 5    |    |   | 3-Heptanol, 4-methyl-               | 130 | C8H18O  | 014979-39-6 | 33   |



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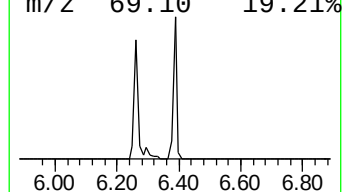
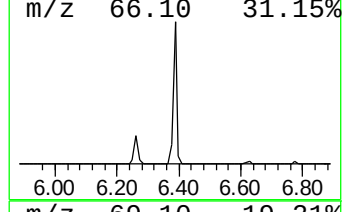
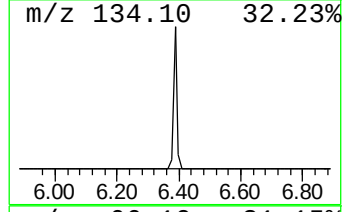
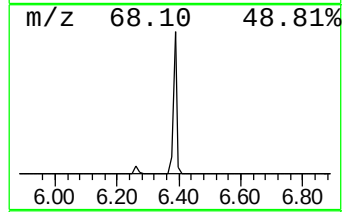
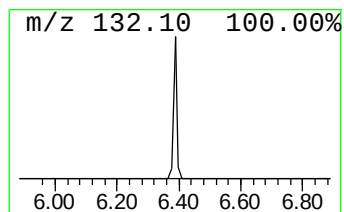
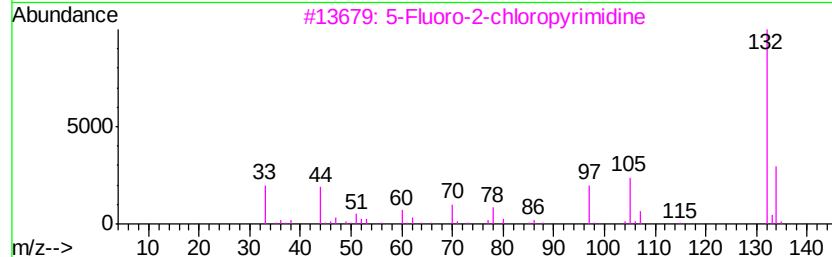
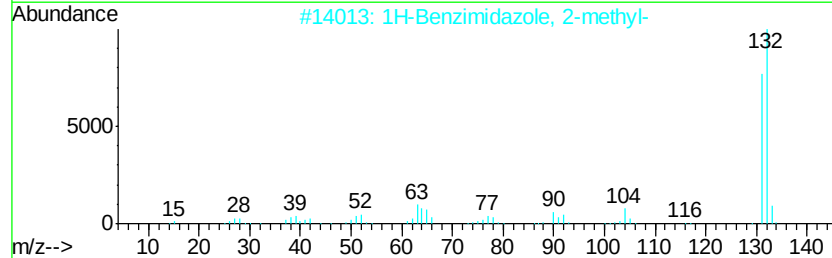
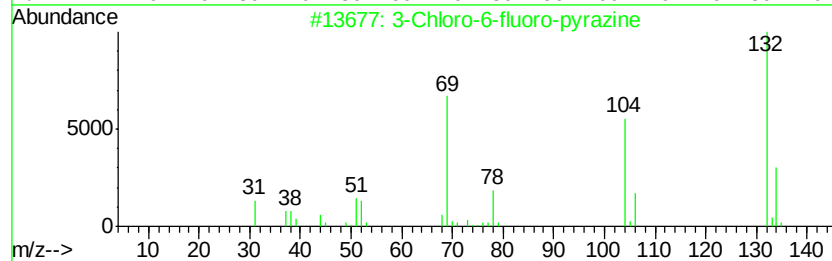
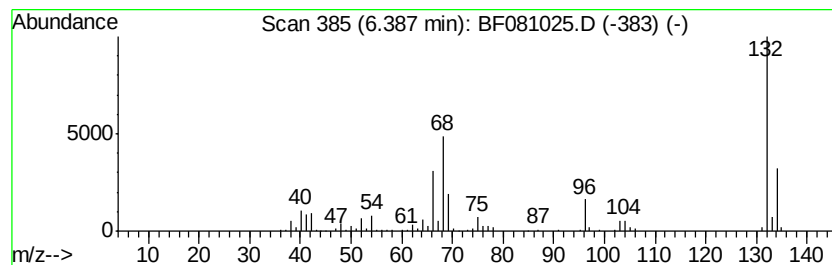
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Peak Number 2 unknown6.39 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.39 | 23.41 ng | 418134 | 1,4-Dichlorobenzene-d4 | 6.63 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6  | 25   |
| 3    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE    | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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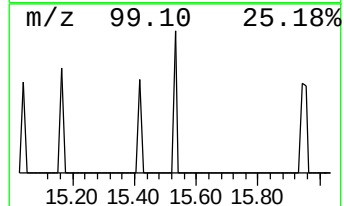
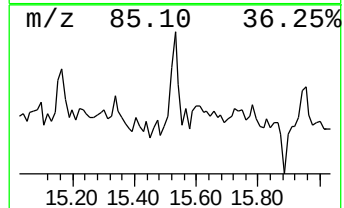
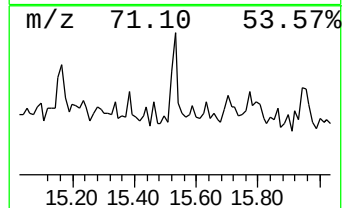
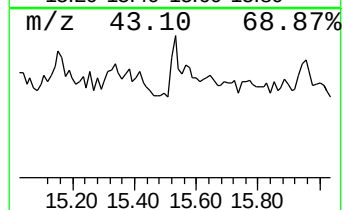
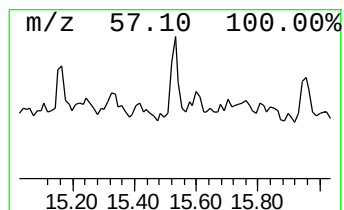
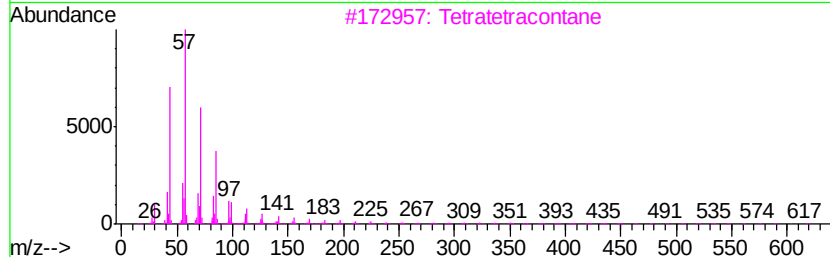
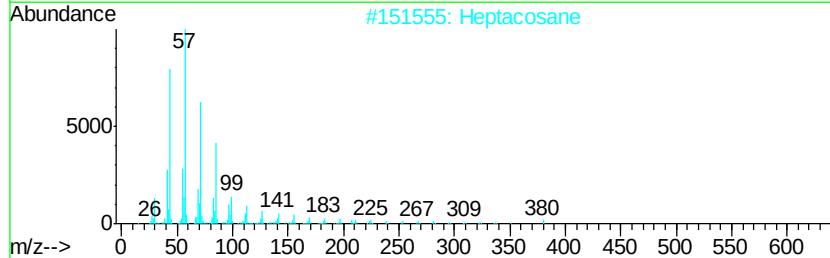
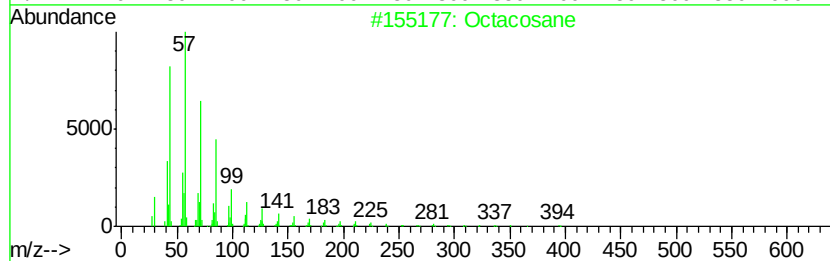
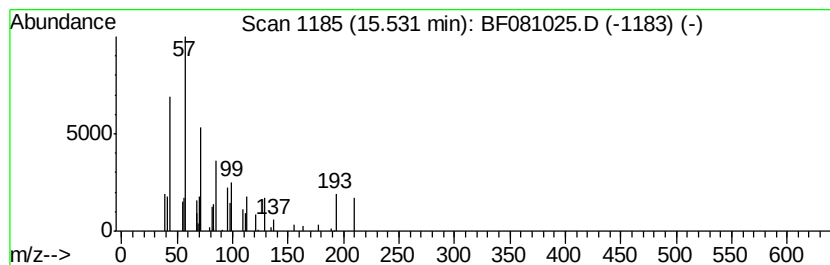
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Peak Number 4 unknown15.53 Concentration Rank 4

| R.T.    | EstConc               | Area         | Relative to ISTD | R.T.           |
|---------|-----------------------|--------------|------------------|----------------|
| 15.53   | 2.23 ng               | 34785        | Perylene-d12     | 15.10          |
| Hit# of | 5                     | Tentative ID | MW MolForm       | CAS# Qual      |
| 1       | Octacosane            | 394          | C28H58           | 000630-02-4 38 |
| 2       | Heptacosane           | 380          | C27H56           | 000593-49-7 38 |
| 3       | Tetratetracontane     | 619          | C44H90           | 007098-22-8 38 |
| 4       | Hentriacontane        | 437          | C31H64           | 000630-04-6 38 |
| 5       | Heptadecane, 1-bromo- | 318          | C17H35Br         | 003508-00-7 35 |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.73  | 15.2    | ng    | 270791   | 1                     | 6.63  | 357232 | 20.0 |
| unknown6.39          | 6.39  | 23.4    | ng    | 418134   | 1                     | 6.63  | 357232 | 20.0 |
| unknown15.53         | 15.53 | 2.2     | ng    | 34785    | 6                     | 15.10 | 311338 | 20.0 |