

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082323\  
 Data File : BF134898.D  
 Acq On : 23 Aug 2023 11:53  
 Operator : CG\JU  
 Sample : 04091-16  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-G

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:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134898.D\data.ms

| 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         | 5.422       | 562           | 567         | 570          | rBV      | 2615739        | 2419301       | 73.62%          | 10.239%       |
| 2         | 6.428       | 733           | 738         | 741          | rBV      | 2552177        | 2497322       | 76.00%          | 10.569%       |
| 3         | 6.622       | 768           | 771         | 777          | rBV      | 53409          | 48518         | 1.48%           | 0.205%        |
| 4         | 6.793       | 796           | 800         | 803          | rBV      | 1094759        | 857712        | 26.10%          | 3.630%        |
| 5         | 7.351       | 890           | 895         | 898          | rBV      | 1782937        | 1572726       | 47.86%          | 6.656%        |
| 6         | 8.069       | 1013          | 1017        | 1020         | rBV      | 1436266        | 1159656       | 35.29%          | 4.908%        |
| 7         | 9.151       | 1196          | 1201        | 1204         | rBV      | 3369736        | 2943140       | 89.56%          | 12.456%       |
| 8         | 9.269       | 1217          | 1221        | 1225         | rVB      | 58925          | 48177         | 1.47%           | 0.204%        |
| 9         | 9.828       | 1312          | 1316        | 1319         | rBV      | 1733107        | 1376760       | 41.90%          | 5.827%        |
| 10        | 10.622      | 1446          | 1451        | 1454         | rBV      | 2578981        | 2237818       | 68.10%          | 9.471%        |
| 11        | 11.322      | 1566          | 1570        | 1573         | rBV      | 1855213        | 1489017       | 45.31%          | 6.302%        |
| 12        | 11.863      | 1657          | 1662        | 1677         | rBV      | 580992         | 638022        | 19.42%          | 2.700%        |
| 13        | 12.651      | 1792          | 1796        | 1809         | rBV      | 139215         | 179224        | 5.45%           | 0.759%        |
| 14        | 12.769      | 1809          | 1816        | 1819         | rVB      | 54559          | 71403         | 2.17%           | 0.302%        |
| 15        | 12.922      | 1837          | 1842        | 1845         | rBV      | 3708058        | 3286129       | 100.00%         | 13.908%       |
| 16        | 13.827      | 1991          | 1996        | 2007         | rBV3     | 293976         | 489423        | 14.89%          | 2.071%        |
| 17        | 13.974      | 2016          | 2021        | 2025         | rBV      | 1177772        | 1119661       | 34.07%          | 4.739%        |
| 18        | 14.074      | 2035          | 2038        | 2044         | rVB      | 37239          | 40864         | 1.24%           | 0.173%        |
| 19        | 14.157      | 2048          | 2052        | 2057         | rBV      | 30574          | 37761         | 1.15%           | 0.160%        |
| 20        | 14.463      | 2100          | 2104        | 2112         | rBV3     | 36394          | 60589         | 1.84%           | 0.256%        |
| 21        | 14.751      | 2149          | 2153        | 2155         | rBV2     | 37117          | 47454         | 1.44%           | 0.201%        |
| 22        | 15.445      | 2266          | 2271        | 2277         | rBV      | 743323         | 939713        | 28.60%          | 3.977%        |
| 23        | 16.015      | 2362          | 2368        | 2375         | rBV3     | 28843          | 67934         | 2.07%           | 0.288%        |

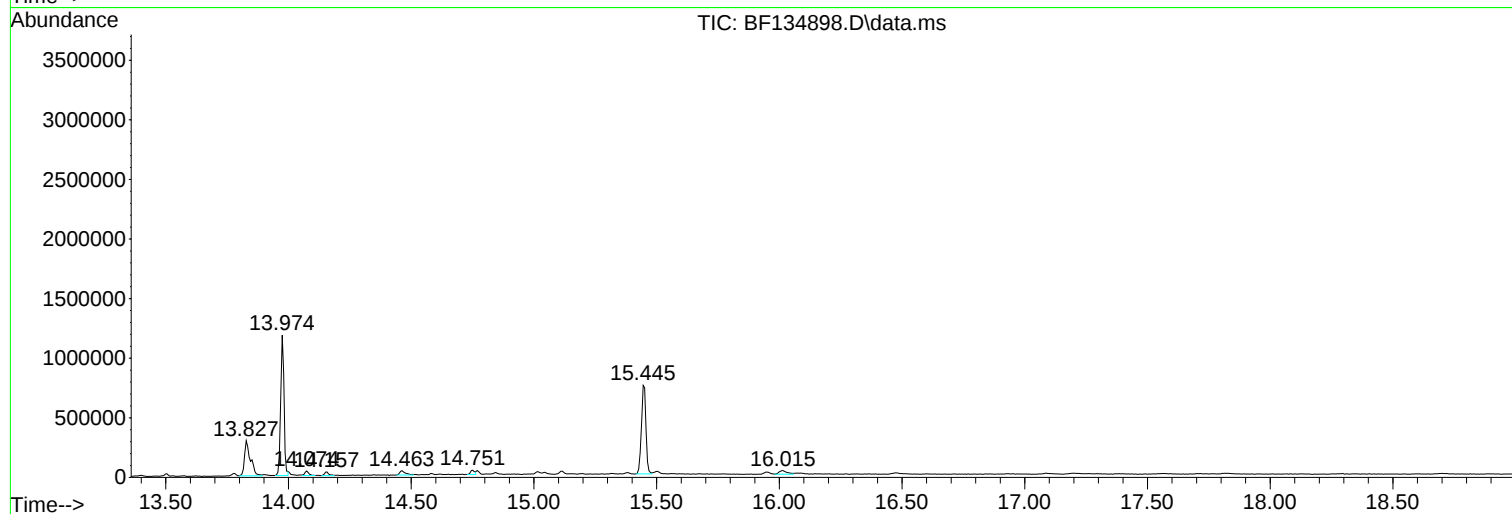
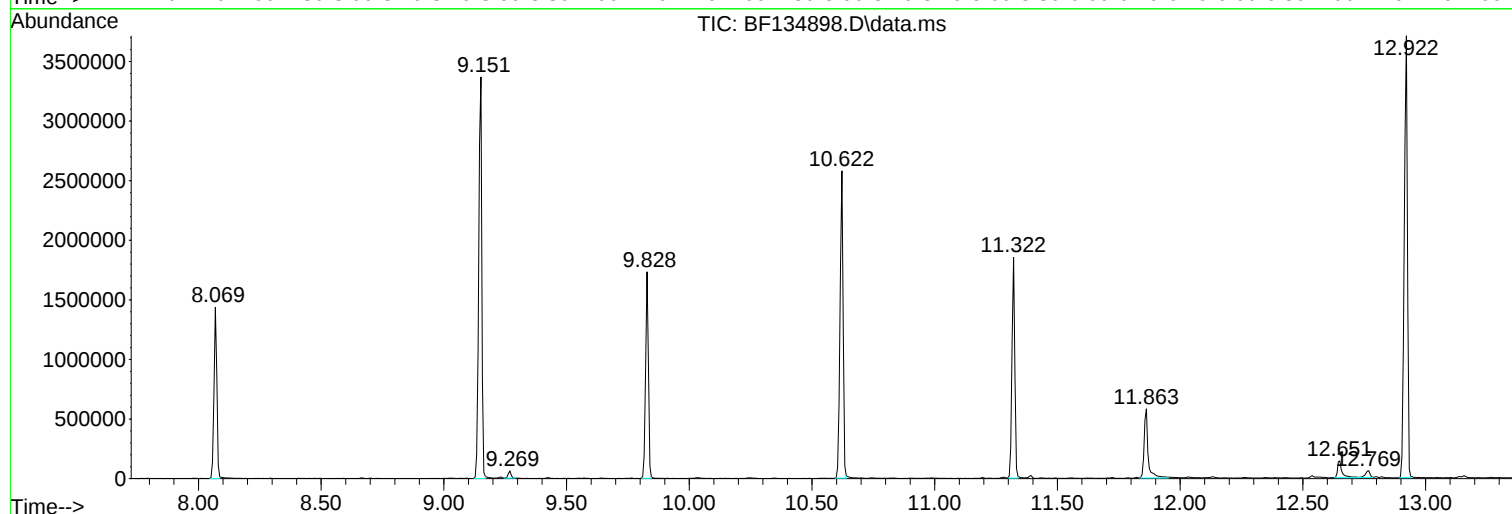
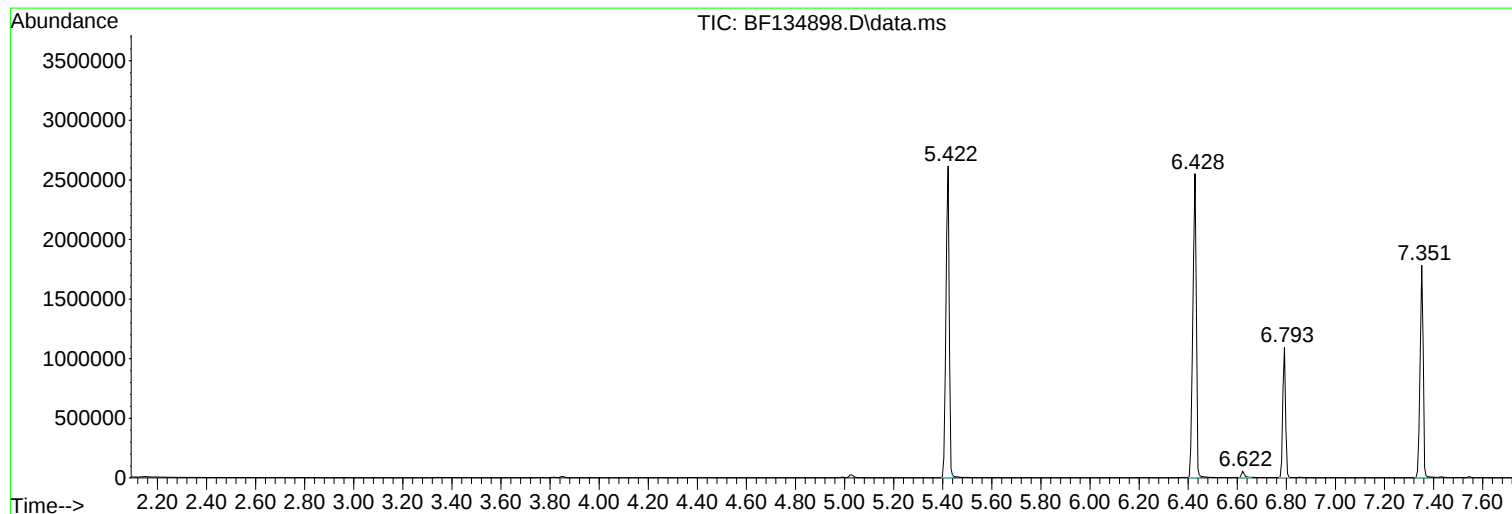
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BNA\_F  
ClientSampleId :  
TP-G

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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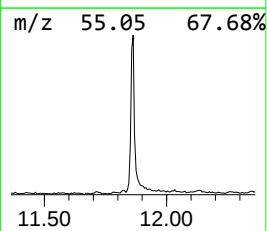
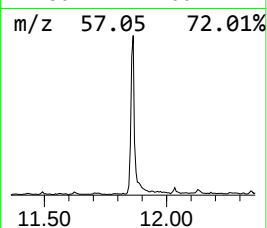
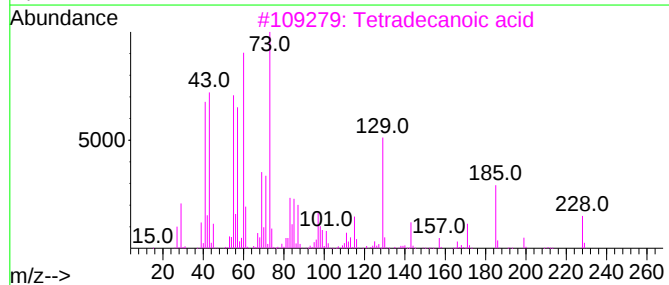
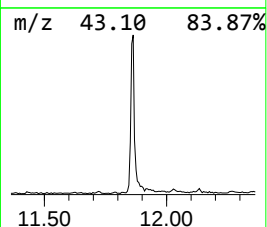
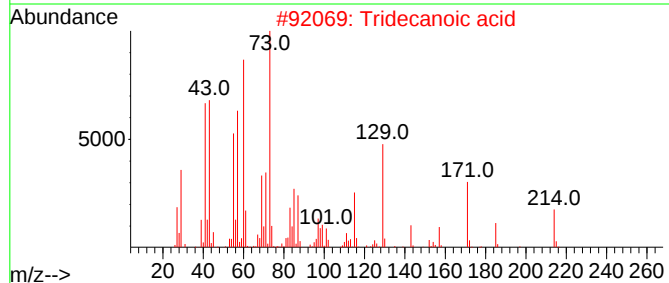
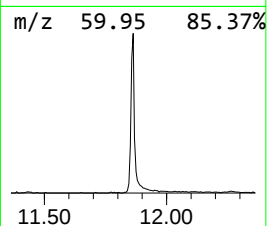
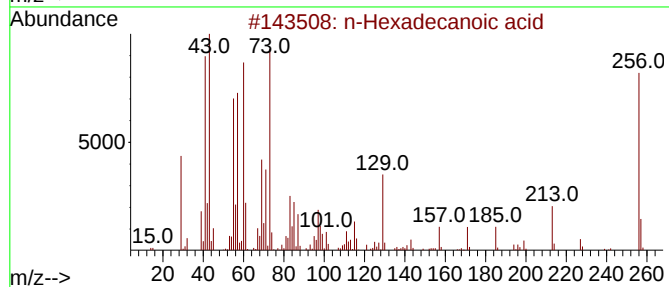
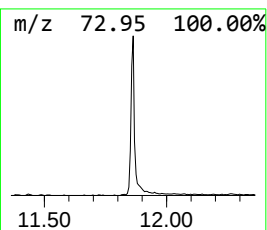
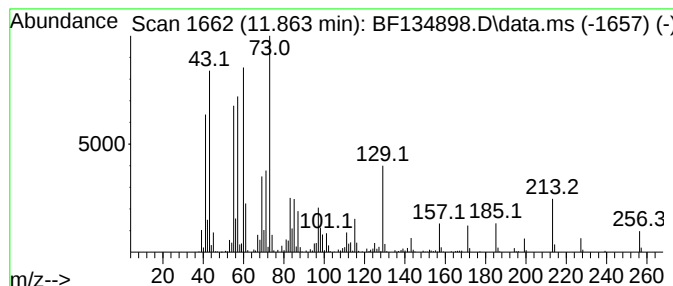
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.863 | 8.57 ng | 638022 | Phenanthrene-d10 | 11.322 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 3    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 4    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 5    |      | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 53   |



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Instrument :  
BNA\_F  
ClientSampleId :  
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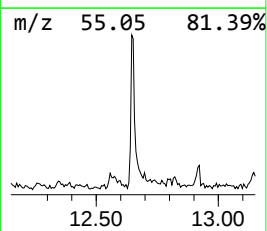
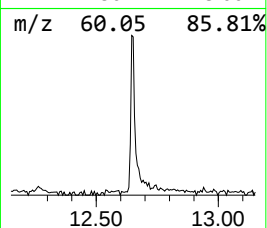
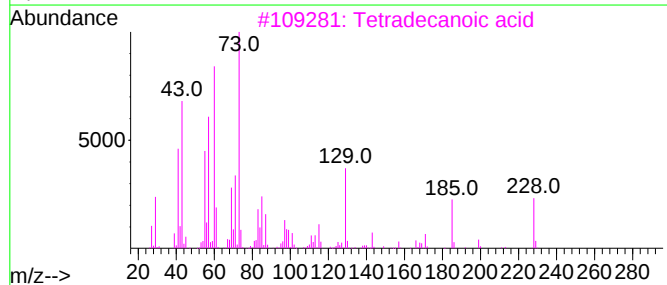
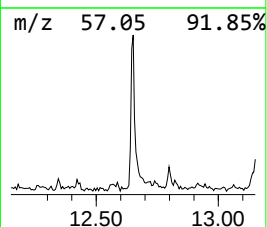
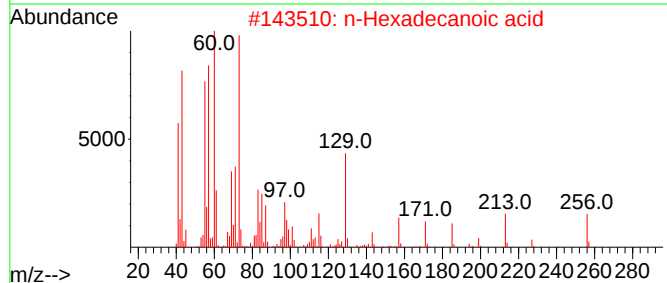
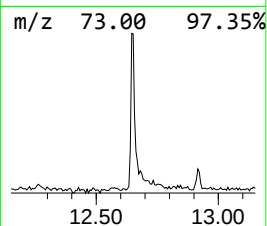
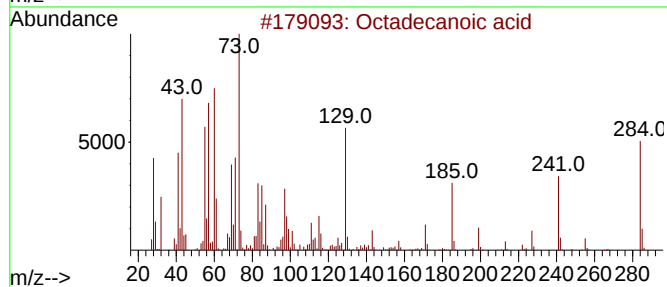
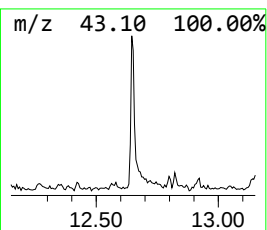
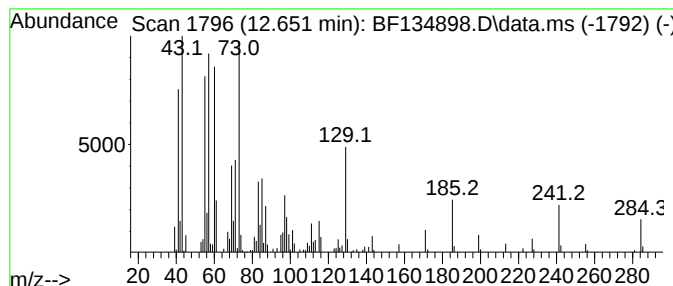
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.651 | 3.20 ng | 179224 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 43   |



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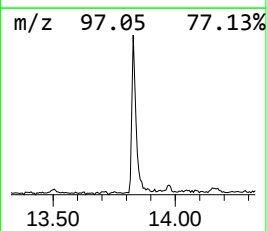
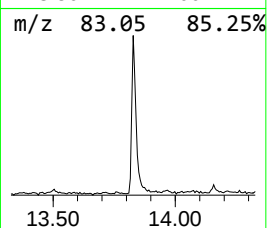
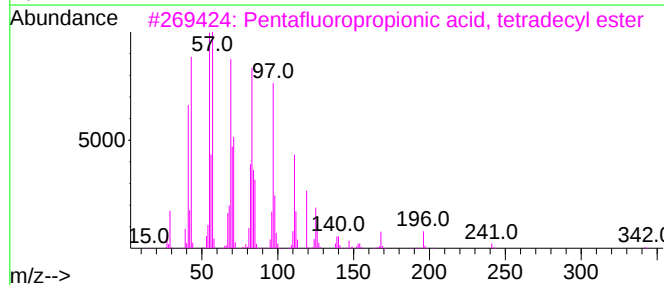
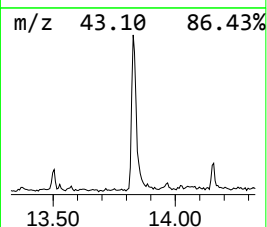
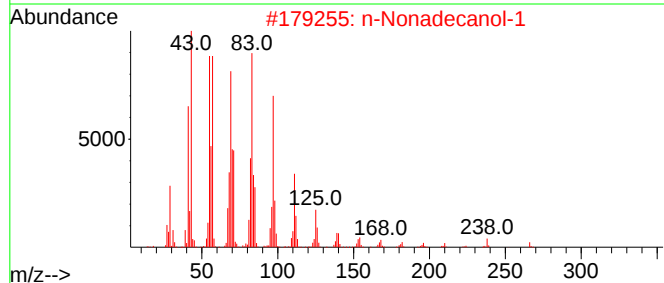
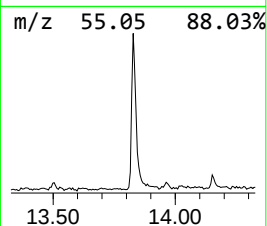
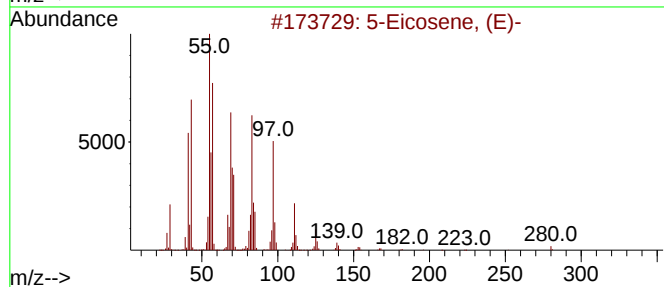
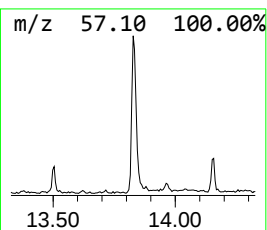
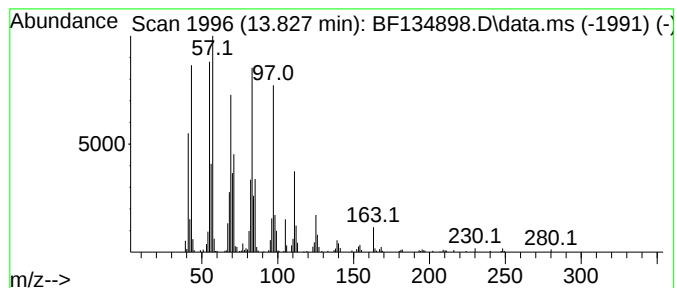
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.827 | 8.74 ng | 489423 | Chrysene-d12     | 13.974 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 5-Eicosene, (E)-                    | 280 | C20H40      | 074685-30-6 | 98   |
| 2    |    |   | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8 | 95   |
| 3    |    |   | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2  | 006222-06-6 | 94   |
| 4    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 5    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2  | 959010-23-2 | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 11.863 | 8.6     | ng    | 638022   | 4                     | 11.322 | 1489020 | 20.0 |
| Octadecanoic acid  | 12.651 | 3.2     | ng    | 179224   | 5                     | 13.974 | 1119660 | 20.0 |
| 5-Eicosene, (E)-   | 13.827 | 8.7     | ng    | 489423   | 5                     | 13.974 | 1119660 | 20.0 |