

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100323\  
 Data File : BF135555.D  
 Acq On : 03 Oct 2023 22:23  
 Operator : CG\JU  
 Sample : 04627-19  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 280-300FB-BACKFILL-10

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135555.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         | 5.375       | 555           | 559         | 577          | rBV      | 3187553        | 3326737       | 94.12%          | 13.228%       |
| 2         | 6.386       | 727           | 731         | 754          | rBV      | 3412181        | 3355036       | 94.93%          | 13.341%       |
| 3         | 6.581       | 760           | 764         | 779          | rBV      | 69311          | 120240        | 3.40%           | 0.478%        |
| 4         | 6.734       | 787           | 790         | 799          | rBV      | 946120         | 877686        | 24.83%          | 3.490%        |
| 5         | 7.304       | 883           | 887         | 890          | rBV      | 2387543        | 2114832       | 59.84%          | 8.409%        |
| 6         | 8.016       | 1004          | 1008        | 1028         | rVB      | 1315041        | 1168694       | 33.07%          | 4.647%        |
| 7         | 9.092       | 1186          | 1191        | 1195         | rBV      | 3737249        | 3534402       | 100.00%         | 14.054%       |
| 8         | 9.210       | 1208          | 1211        | 1216         | rBV      | 96259          | 91707         | 2.59%           | 0.365%        |
| 9         | 9.769       | 1303          | 1306        | 1310         | rBV      | 1308683        | 1231806       | 34.85%          | 4.898%        |
| 10        | 10.569      | 1438          | 1442        | 1445         | rBV      | 2186959        | 2057117       | 58.20%          | 8.180%        |
| 11        | 11.263      | 1557          | 1560        | 1564         | rBV      | 1510508        | 1275986       | 36.10%          | 5.074%        |
| 12        | 11.798      | 1648          | 1651        | 1663         | rBV      | 407009         | 529549        | 14.98%          | 2.106%        |
| 13        | 12.368      | 1743          | 1748        | 1756         | rVB3     | 57544          | 78949         | 2.23%           | 0.314%        |
| 14        | 12.592      | 1782          | 1786        | 1801         | rBV3     | 64370          | 122779        | 3.47%           | 0.488%        |
| 15        | 12.863      | 1827          | 1832        | 1835         | rBV      | 3137593        | 3140675       | 88.86%          | 12.489%       |
| 16        | 13.786      | 1983          | 1989        | 2001         | rBV5     | 120772         | 388064        | 10.98%          | 1.543%        |
| 17        | 13.921      | 2008          | 2012        | 2016         | rBV      | 837427         | 752676        | 21.30%          | 2.993%        |
| 18        | 14.692      | 2141          | 2143        | 2149         | rVB2     | 34478          | 46010         | 1.30%           | 0.183%        |
| 19        | 15.027      | 2197          | 2200        | 2203         | rVB      | 33272          | 38958         | 1.10%           | 0.155%        |
| 20        | 15.380      | 2256          | 2260        | 2273         | rBV      | 602486         | 848670        | 24.01%          | 3.375%        |
| 21        | 15.833      | 2334          | 2337        | 2342         | rVB2     | 30856          | 47826         | 1.35%           | 0.190%        |

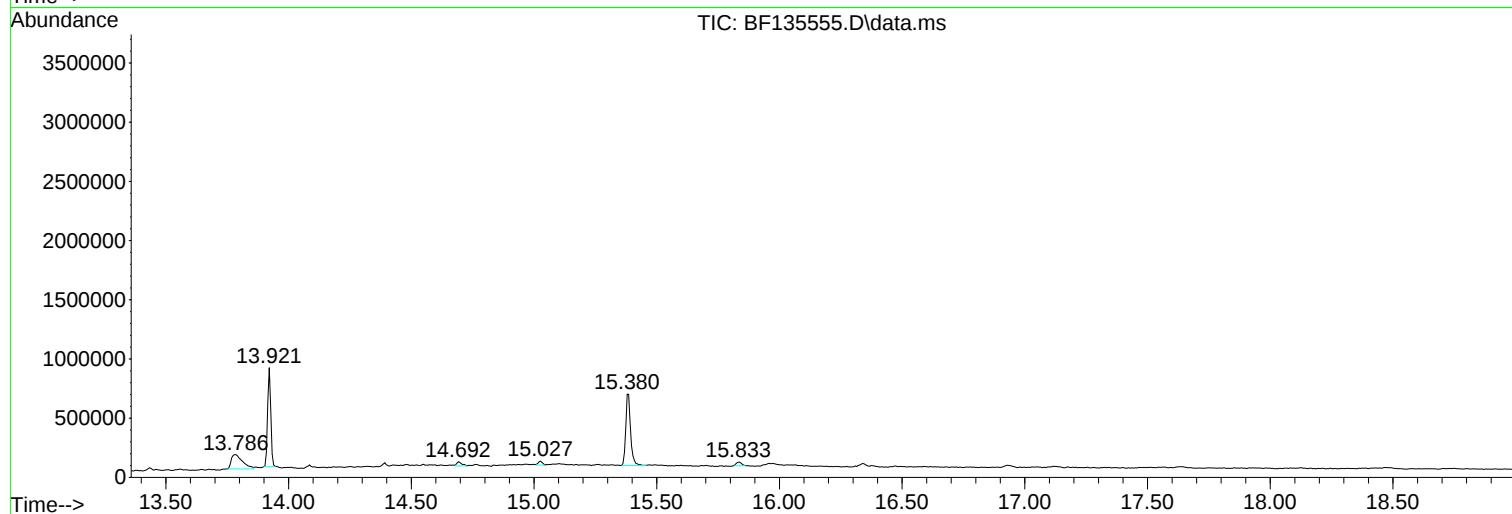
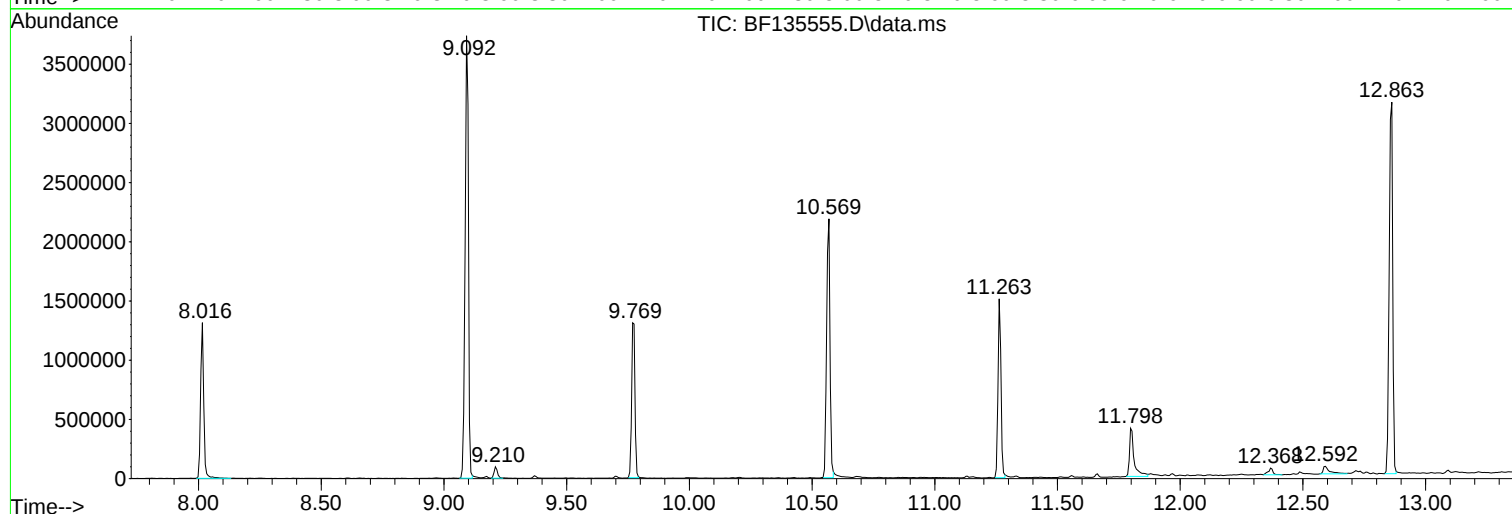
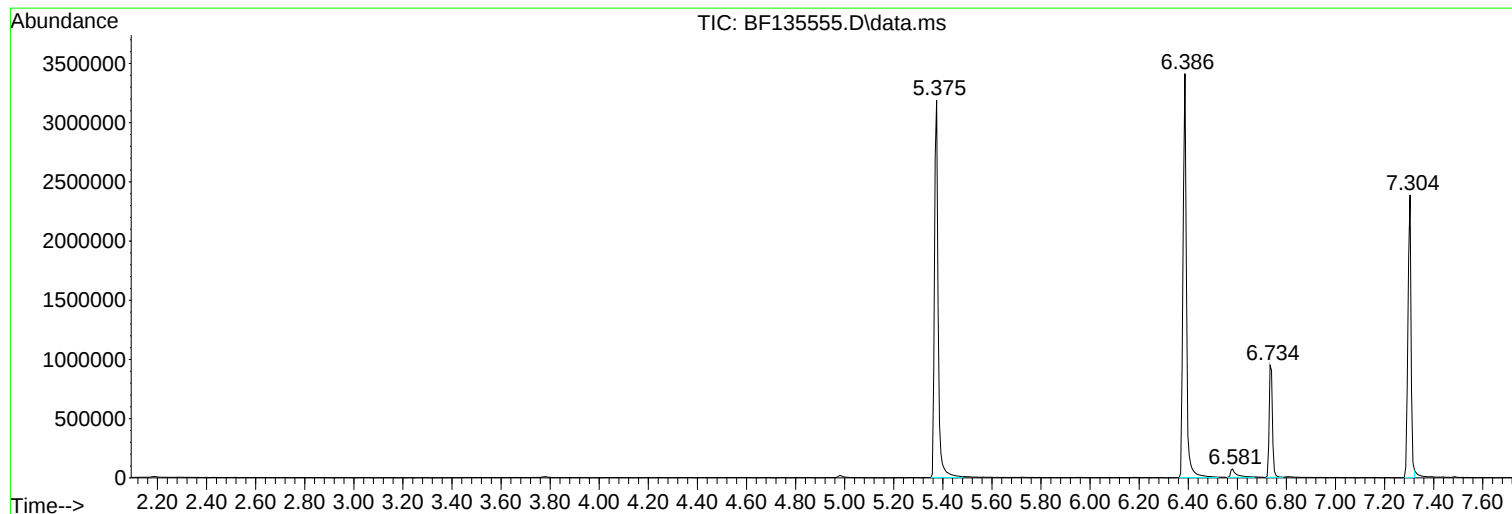
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
280-300FB-BACKFILL-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.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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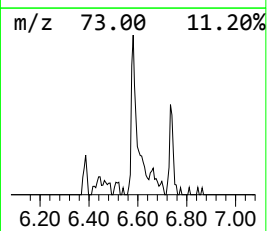
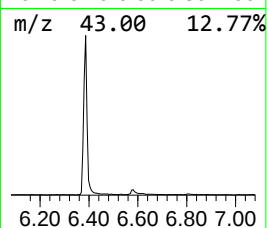
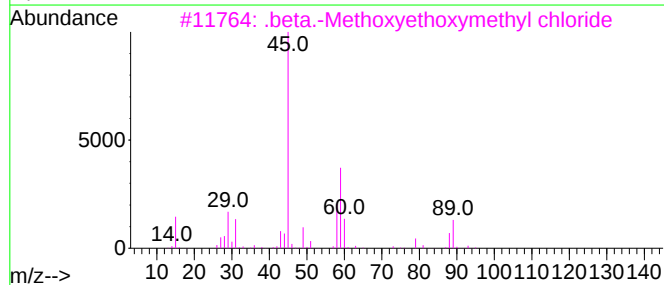
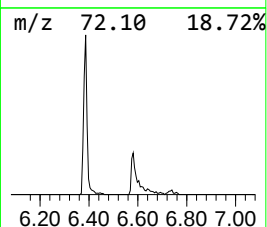
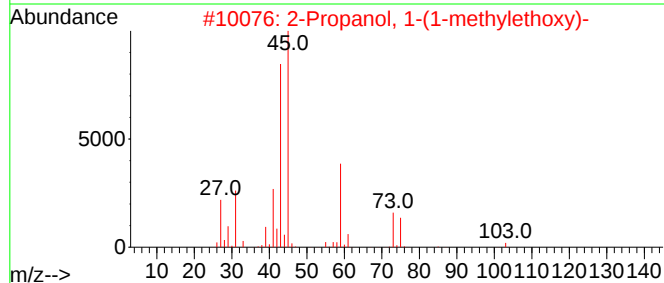
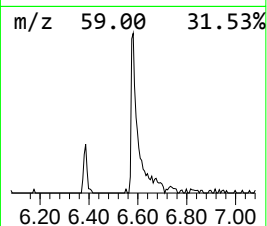
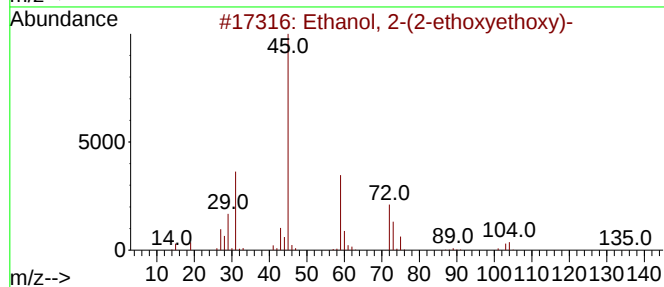
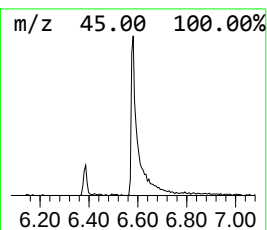
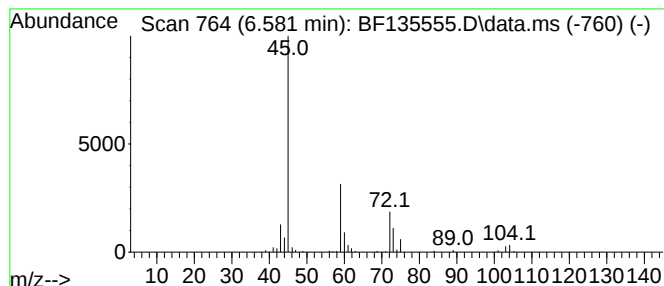
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 6.581 | 2.74 ng | 120240 | 1,4-Dichlorobenzene-d4 | 6.739 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-ethoxyethoxy)-        | 134 | C6H14O3  | 000111-90-0 | 83   |
| 2    |    |   | 2-Propanol, 1-(1-methylethoxy)-     | 118 | C6H14O2  | 003944-36-3 | 39   |
| 3    |    |   | .beta.-Methoxyethoxymethyl chloride | 124 | C4H9ClO2 | 003970-21-6 | 38   |
| 4    |    |   | Diethyl carbitol                    | 162 | C8H18O3  | 000112-36-7 | 37   |
| 5    |    |   | (S)-(+)-1,2-Propanediol             | 76  | C3H8O2   | 004254-15-3 | 37   |



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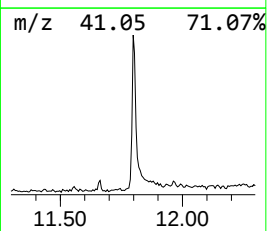
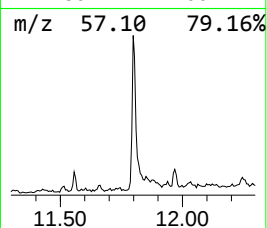
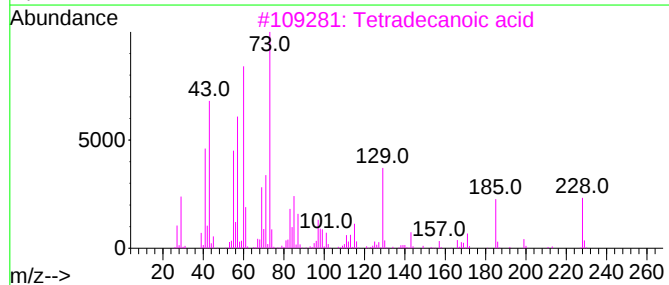
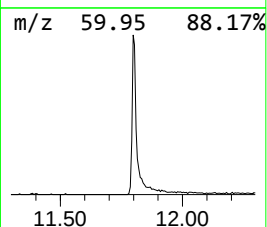
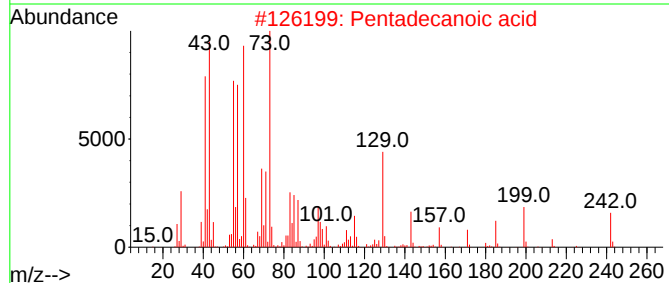
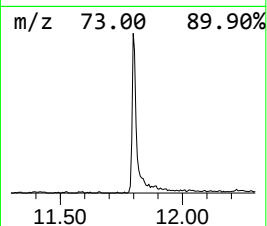
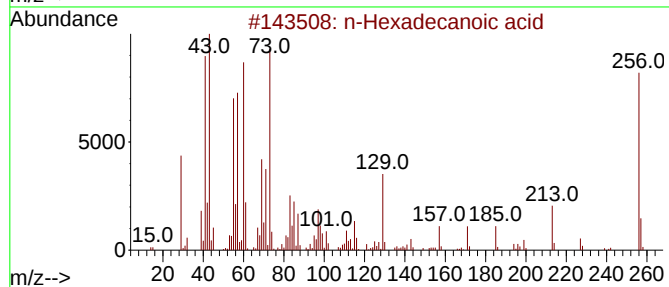
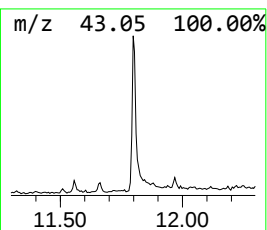
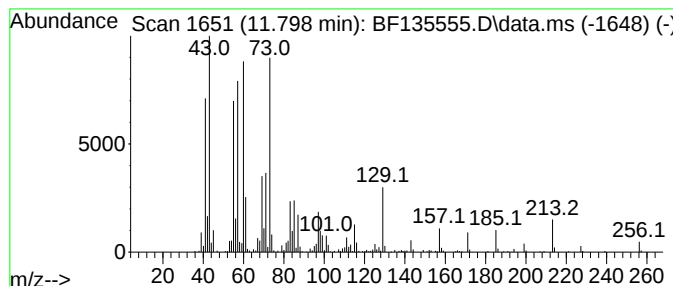
Instrument :  
BNA\_F  
ClientSampleId :  
280-300FB-BACKFILL-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.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 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 11.798    | 8.30 ng             | 529549 | Phenanthrene-d10 |          | 11.263      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 98   |
| 2         | Pentadecanoic acid  |        | 242              | C15H30O2 | 001002-84-2 | 87   |
| 3         | Tetradecanoic acid  |        | 228              | C14H28O2 | 000544-63-8 | 72   |
| 4         | Tridecanoic acid    |        | 214              | C13H26O2 | 000638-53-9 | 72   |
| 5         | Undecanoic acid     |        | 186              | C11H22O2 | 000112-37-8 | 68   |



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Sample : 04627-19  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
280-300FB-BACKFILL-10

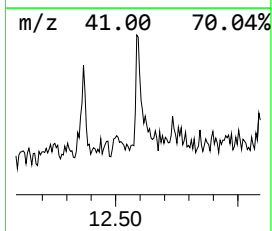
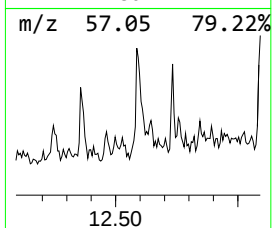
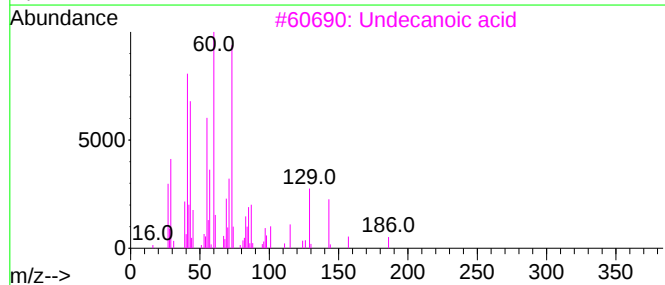
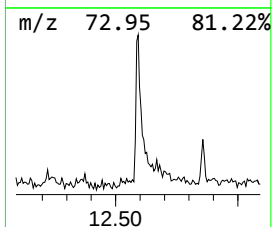
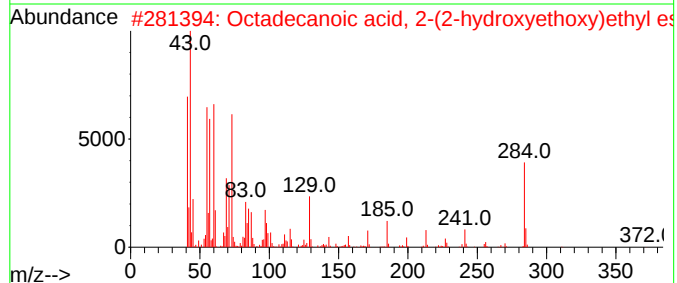
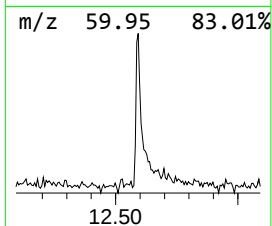
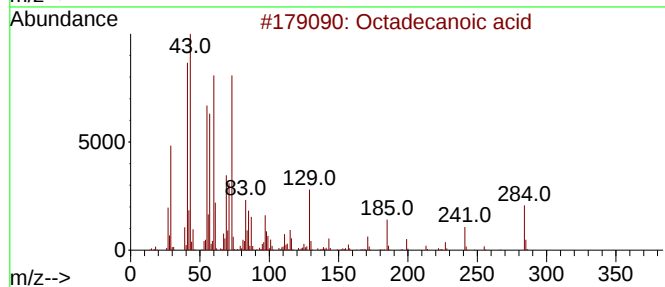
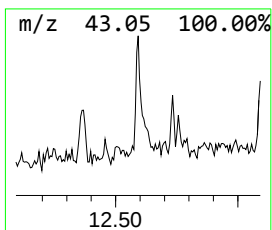
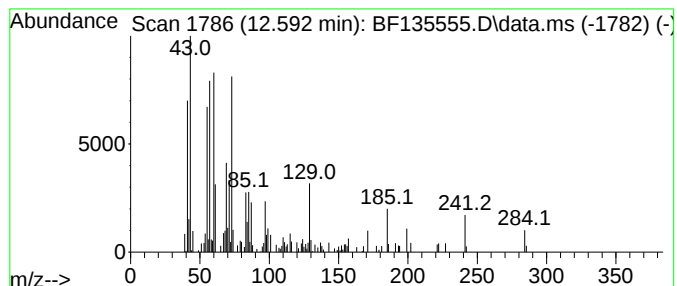
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.592 | 3.26 ng | 122779 | Chrysene-d12     | 13.921 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72   |
| 3    |    |   | Undecanoic acid                     | 186 | C11H22O2 | 000112-37-8 | 64   |
| 4    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 53   |
| 5    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 53   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
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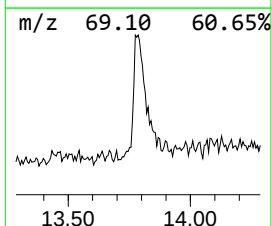
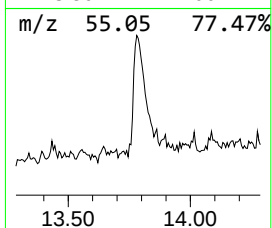
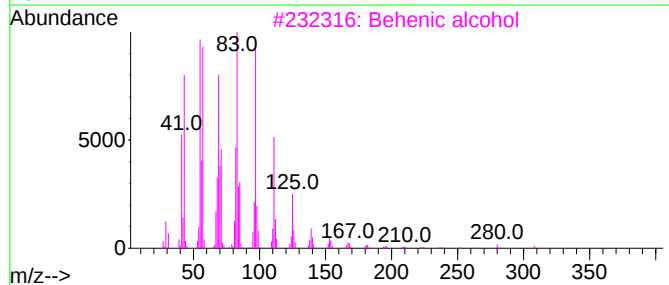
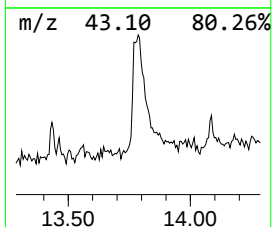
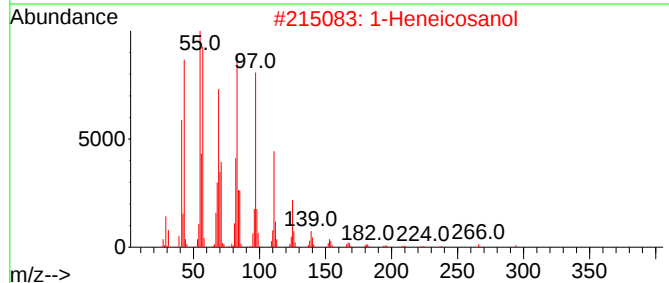
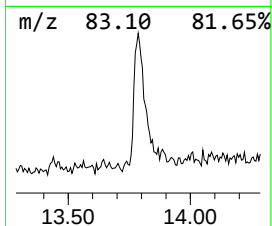
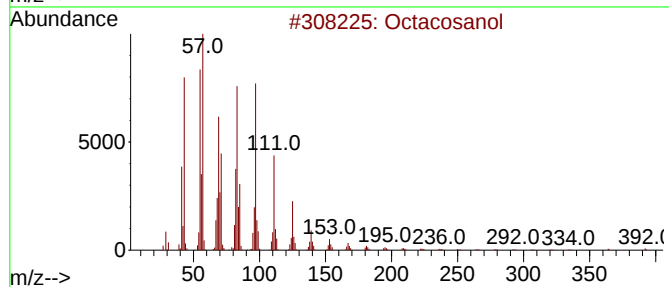
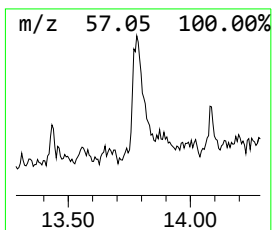
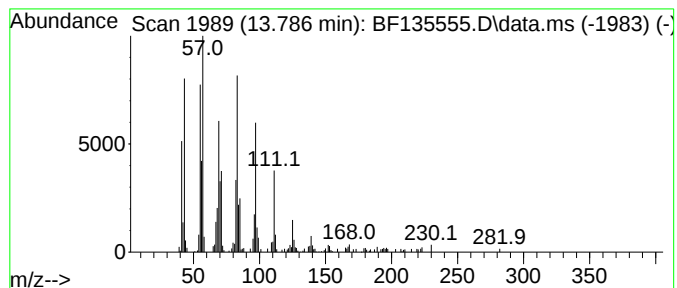
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Peak Number 4 Octacosanol Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.786 | 10.31 ng | 388064 | Chrysene-d12     | 13.921 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Octacosanol     | 410 | C28H58O | 000557-61-9 | 94   |
| 2    |    |   | 1-Heneicosanol  | 312 | C21H44O | 015594-90-8 | 93   |
| 3    |    |   | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93   |
| 4    |    |   | 1-Octadecanol   | 270 | C18H38O | 000112-92-5 | 91   |
| 5    |    |   | 1-Docosene      | 308 | C22H44  | 001599-67-3 | 91   |



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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Ethanol, 2-(2-e... | 6.581  | 2.7     | ng    | 120240   | 1                     | 6.739  | 877686  | 20.0 |
| n-Hexadecanoic ... | 11.798 | 8.3     | ng    | 529549   | 4                     | 11.263 | 1275990 | 20.0 |
| Octadecanoic acid  | 12.592 | 3.3     | ng    | 122779   | 5                     | 13.921 | 752676  | 20.0 |
| Octacosanol        | 13.786 | 10.3    | ng    | 388064   | 5                     | 13.921 | 752676  | 20.0 |