

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050124\  
Data File : BF137796.D  
Acq On : 01 May 2024 17:23  
Operator : CG\JU  
Sample : P2306-07  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-3-20240429

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:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137796.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         | 2.204       | 15            | 20          | 25           | rVB2     | 87230          | 160481        | 2.27%           | 0.399%        |
| 2         | 2.416       | 51            | 56          | 63           | rVB      | 818252         | 1091140       | 15.44%          | 2.715%        |
| 3         | 5.675       | 606           | 610         | 613          | rBV      | 2662843        | 2236396       | 31.64%          | 5.565%        |
| 4         | 6.663       | 773           | 778         | 781          | rBV      | 1576467        | 1419744       | 20.09%          | 3.533%        |
| 5         | 7.057       | 841           | 845         | 848          | rBV      | 1348405        | 1094172       | 15.48%          | 2.723%        |
| 6         | 7.616       | 935           | 940         | 943          | rBV      | 3145525        | 3387604       | 47.93%          | 8.430%        |
| 7         | 8.339       | 1059          | 1063        | 1066         | rBV      | 1901870        | 1502330       | 21.25%          | 3.738%        |
| 8         | 9.416       | 1241          | 1246        | 1249         | rBV      | 7218496        | 6599886       | 93.37%          | 16.423%       |
| 9         | 10.104      | 1359          | 1363        | 1366         | rBV      | 2070273        | 1745683       | 24.70%          | 4.344%        |
| 10        | 10.516      | 1427          | 1433        | 1436         | rBV      | 5075080        | 4402861       | 62.29%          | 10.956%       |
| 11        | 10.898      | 1492          | 1498        | 1501         | rBV      | 4470516        | 4219226       | 59.69%          | 10.499%       |
| 12        | 11.521      | 1601          | 1604        | 1609         | rBV      | 67598          | 72166         | 1.02%           | 0.180%        |
| 13        | 11.598      | 1613          | 1617        | 1620         | rBV      | 2168574        | 1749448       | 24.75%          | 4.353%        |
| 14        | 12.104      | 1699          | 1703        | 1708         | rBV      | 515846         | 490080        | 6.93%           | 1.220%        |
| 15        | 12.816      | 1821          | 1824        | 1833         | rVB      | 111349         | 135947        | 1.92%           | 0.338%        |
| 16        | 12.892      | 1834          | 1837        | 1846         | rVV      | 230733         | 229004        | 3.24%           | 0.570%        |
| 17        | 13.192      | 1883          | 1888        | 1891         | rBV      | 6899607        | 7068377       | 100.00%         | 17.589%       |
| 18        | 14.086      | 2036          | 2040        | 2047         | rVB      | 96063          | 149071        | 2.11%           | 0.371%        |
| 19        | 14.245      | 2064          | 2067        | 2071         | rBV      | 1294446        | 1247470       | 17.65%          | 3.104%        |
| 20        | 15.821      | 2329          | 2335        | 2343         | rBV      | 929497         | 1185022       | 16.77%          | 2.949%        |

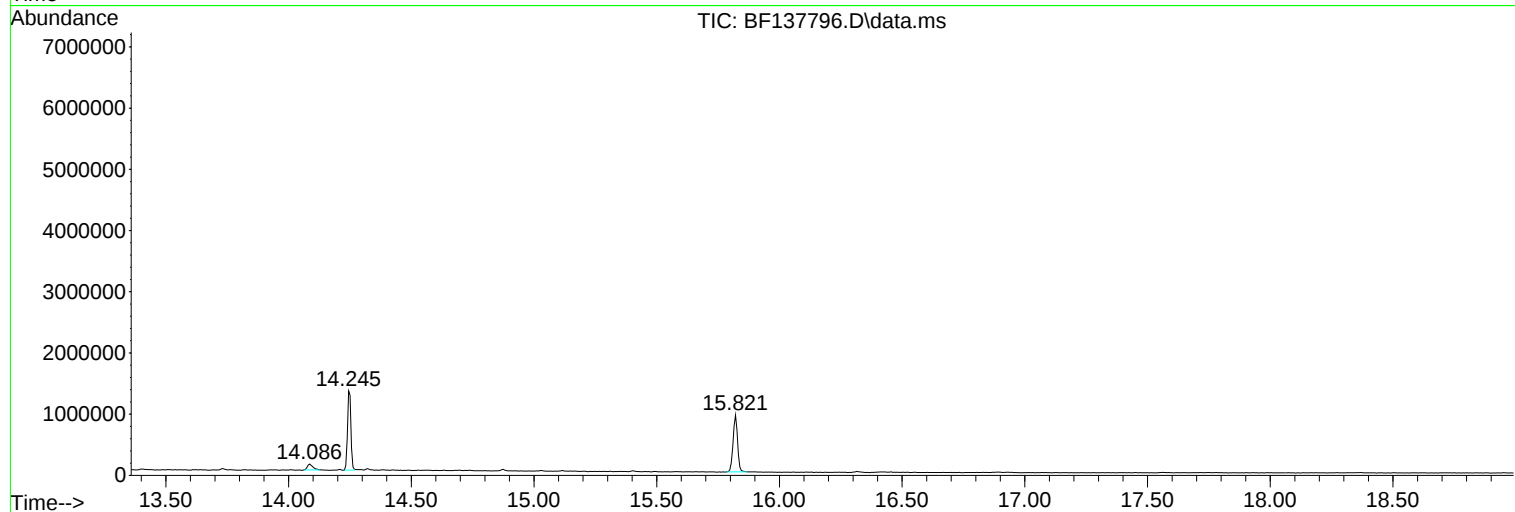
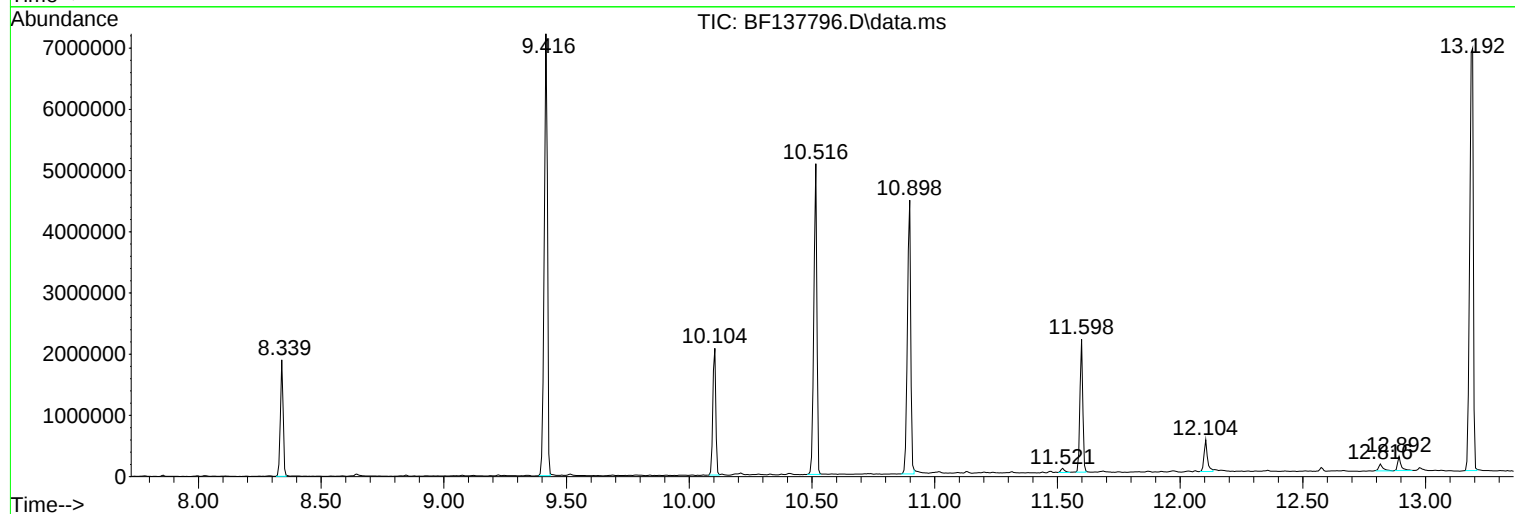
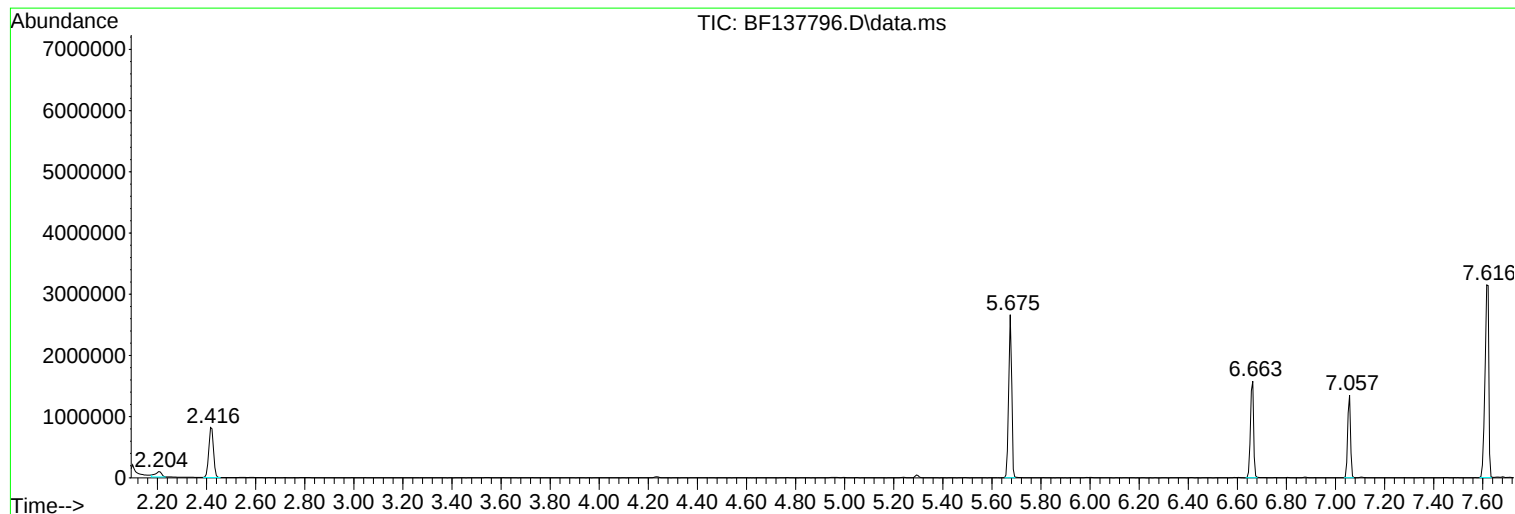
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Sample : P2306-07  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-3-20240429

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.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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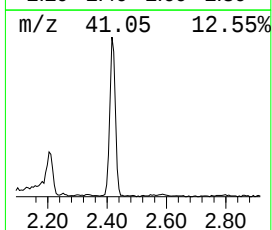
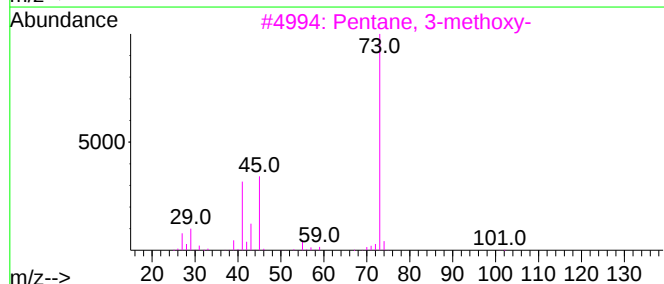
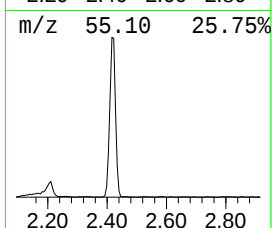
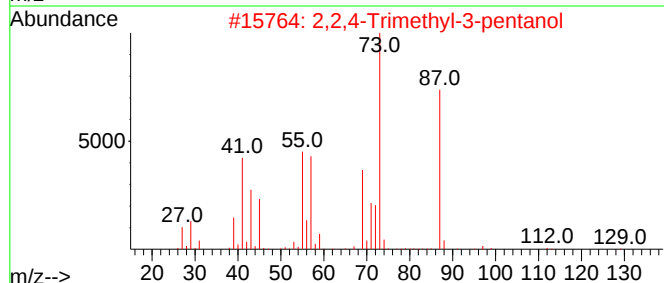
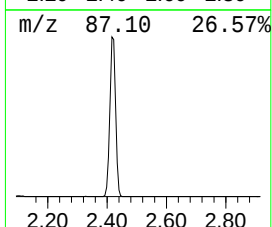
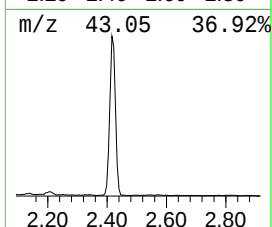
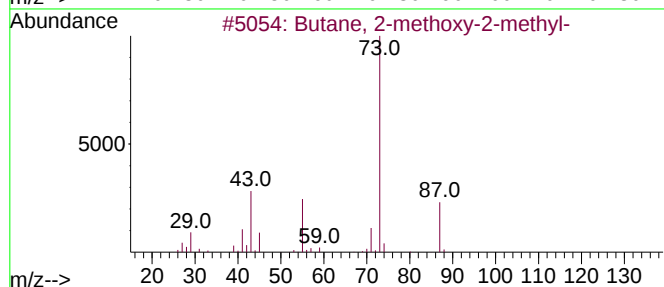
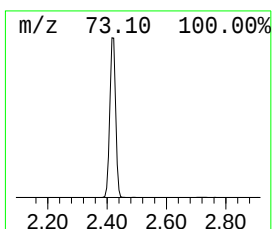
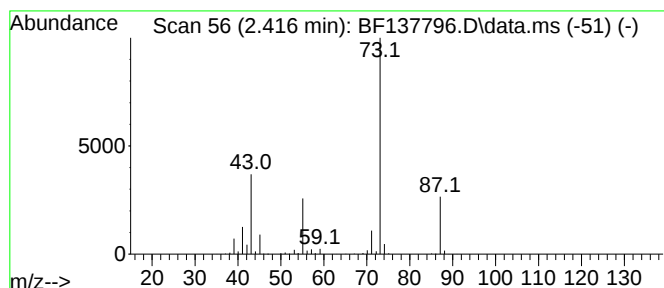
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.416 | 19.94 ng | 1091140 | 1,4-Dichlorobenzene-d4 | 7.057 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

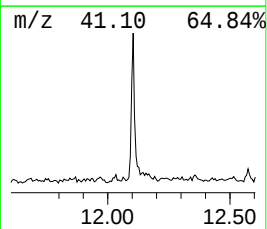
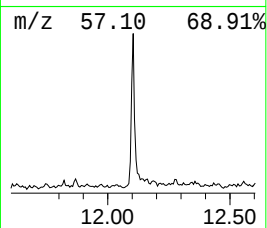
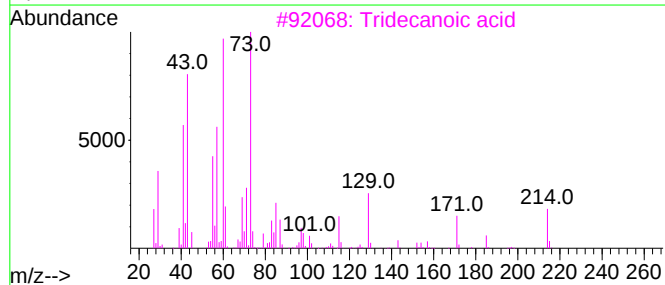
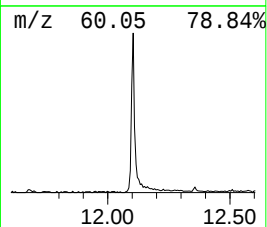
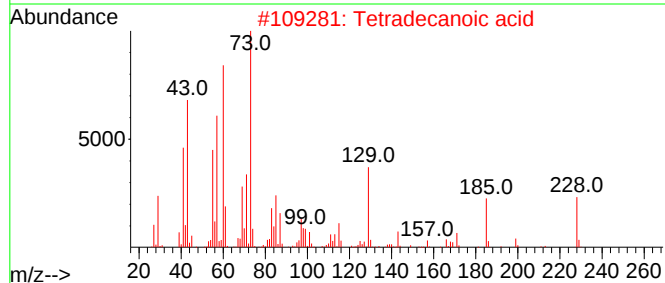
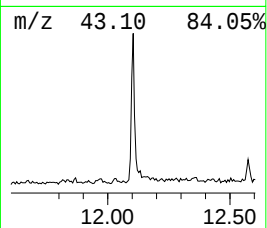
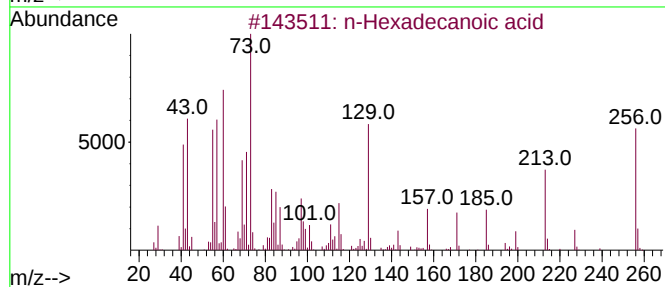
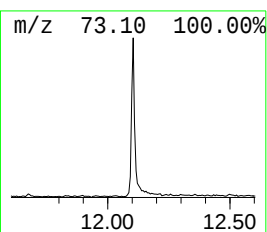
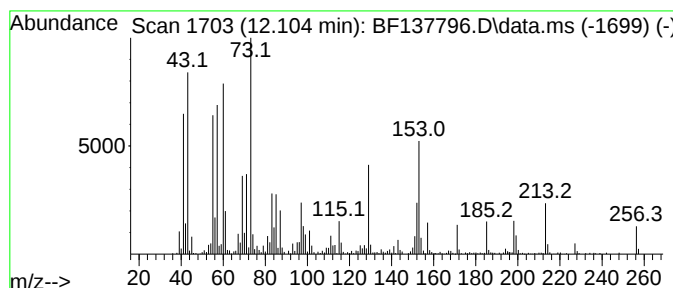
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.104 | 5.60 ng | 490080 | Phenanthrene-d10 | 11.598 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 83   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 64   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 52   |



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

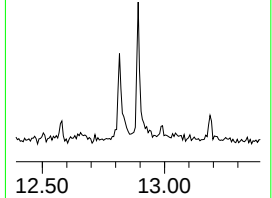
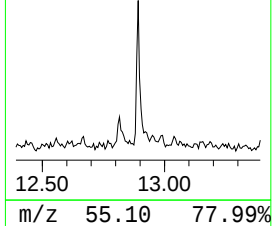
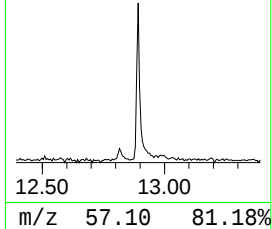
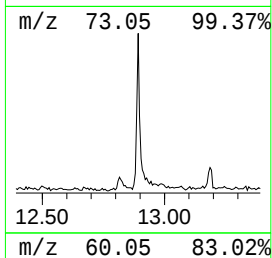
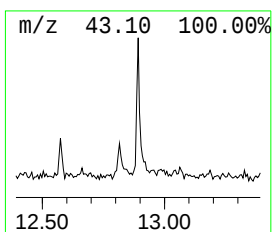
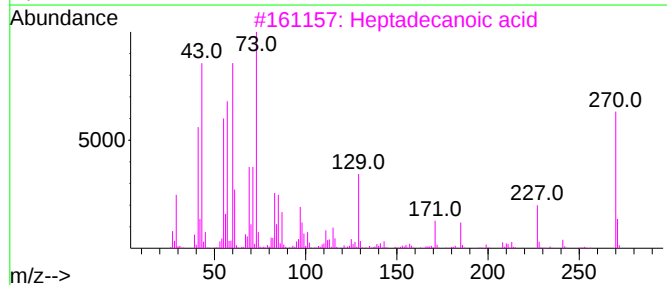
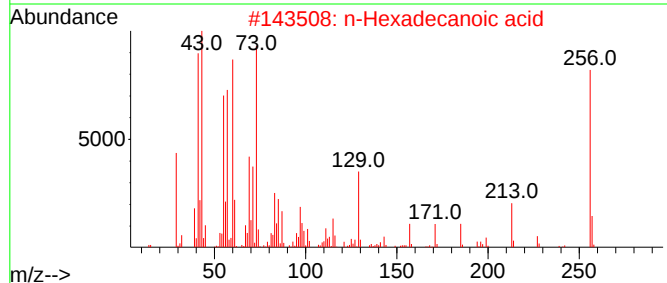
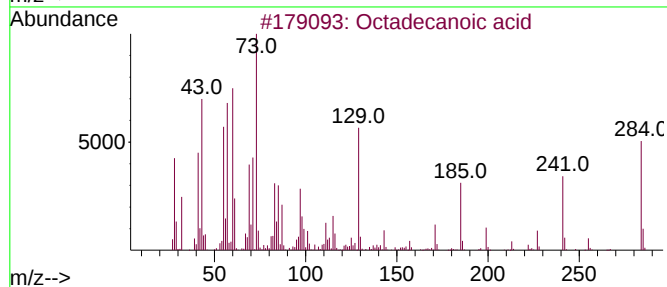
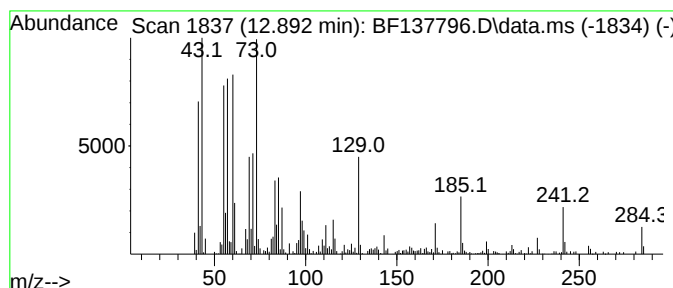
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.892 | 2.62 ng | 229004 | Phenanthrene-d10 | 11.598 |

| 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    |    |   | Heptadecanoic acid  | 270 | C17H34O2 | 000506-12-7 | 91   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |



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ALS Vial : 15 Sample Multiplier: 1

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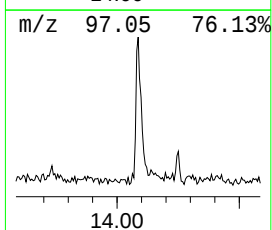
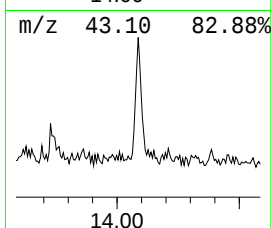
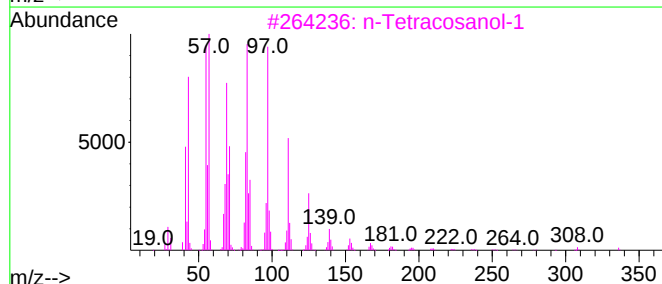
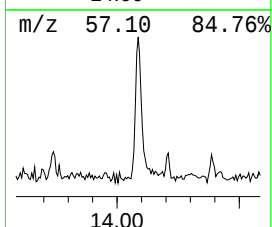
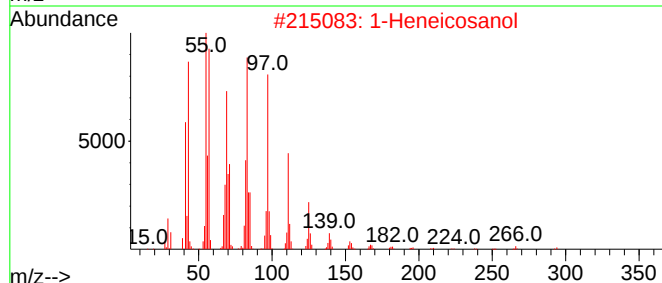
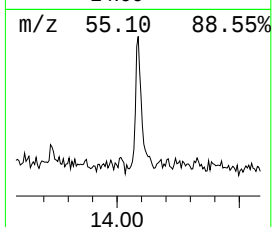
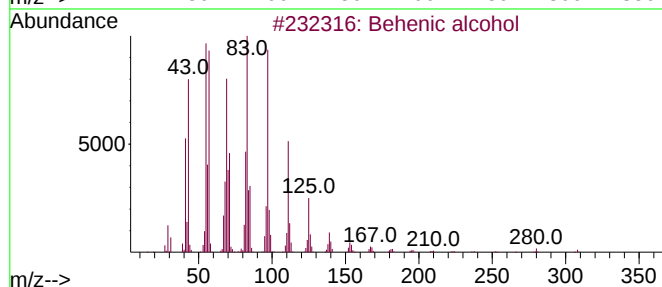
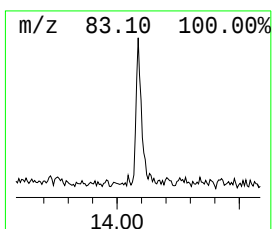
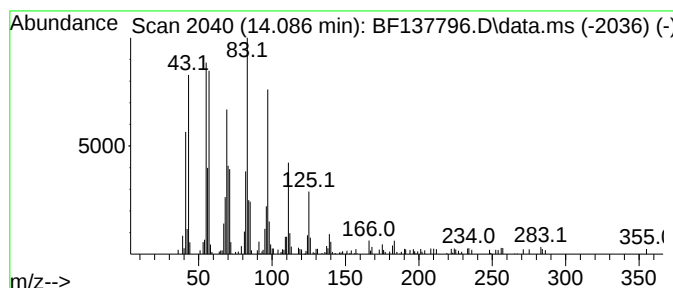
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Behenic alcohol Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.086 | 2.39 ng | 149071 | Chrysene-d12     | 14.245 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Behenic alcohol            | 326 | C22H46O  | 000661-19-8 | 94   |
| 2    |    |   | 1-Heneicosanol             | 312 | C21H44O  | 015594-90-8 | 94   |
| 3    |    |   | n-Tetracosanol-1           | 354 | C24H50O  | 000506-51-4 | 93   |
| 4    |    |   | 1-Heptacosanol             | 396 | C27H56O  | 002004-39-9 | 93   |
| 5    |    |   | 13-Tetradecen-1-ol acetate | 254 | C16H30O2 | 056221-91-1 | 92   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.416  | 19.9    | ng    | 1091140  | 1                     | 7.057  | 1094170 | 20.0 |
| n-Hexadecanoic ... | 12.104 | 5.6     | ng    | 490080   | 4                     | 11.598 | 1749450 | 20.0 |
| Octadecanoic acid  | 12.892 | 2.6     | ng    | 229004   | 4                     | 11.598 | 1749450 | 20.0 |
| Behenic alcohol    | 14.086 | 2.4     | ng    | 149071   | 5                     | 14.245 | 1247470 | 20.0 |