

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050124\  
 Data File : BF137795.D  
 Acq On : 01 May 2024 16:51  
 Operator : CG\JU  
 Sample : P2306-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-2-20240429

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-BF043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137795.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         | 2.210       | 18            | 21          | 26           | rVB      | 97678          | 152317        | 2.48%           | 0.475%        |
| 2         | 2.422       | 51            | 57          | 64           | rVB      | 824478         | 1090401       | 17.76%          | 3.402%        |
| 3         | 5.675       | 606           | 610         | 613          | rBV      | 2485043        | 2059008       | 33.54%          | 6.424%        |
| 4         | 6.657       | 773           | 777         | 781          | rBV      | 1373534        | 1272449       | 20.73%          | 3.970%        |
| 5         | 7.057       | 841           | 845         | 848          | rBV      | 1239874        | 1018575       | 16.59%          | 3.178%        |
| 6         | 7.616       | 935           | 940         | 943          | rBV      | 3074565        | 3139087       | 51.13%          | 9.793%        |
| 7         | 8.339       | 1059          | 1063        | 1066         | rBV      | 1726135        | 1363767       | 22.21%          | 4.255%        |
| 8         | 9.416       | 1240          | 1246        | 1249         | rBV      | 6932216        | 5932409       | 96.63%          | 18.507%       |
| 9         | 10.104      | 1359          | 1363        | 1366         | rBV      | 1749966        | 1590754       | 25.91%          | 4.963%        |
| 10        | 10.892      | 1492          | 1497        | 1500         | rBV      | 4139449        | 3710182       | 60.43%          | 11.575%       |
| 11        | 11.598      | 1613          | 1617        | 1620         | rBV      | 1956253        | 1578019       | 25.70%          | 4.923%        |
| 12        | 12.098      | 1698          | 1702        | 1713         | rBV2     | 285074         | 348352        | 5.67%           | 1.087%        |
| 13        | 12.816      | 1819          | 1824        | 1833         | rBV      | 158502         | 202696        | 3.30%           | 0.632%        |
| 14        | 12.892      | 1833          | 1837        | 1845         | rVV      | 111455         | 129144        | 2.10%           | 0.403%        |
| 15        | 13.186      | 1883          | 1887        | 1890         | rBV      | 6806977        | 6139273       | 100.00%         | 19.153%       |
| 16        | 14.092      | 2036          | 2041        | 2051         | rBV3     | 60597          | 130444        | 2.12%           | 0.407%        |
| 17        | 14.245      | 2063          | 2067        | 2071         | rBV      | 1182060        | 1105096       | 18.00%          | 3.448%        |
| 18        | 15.821      | 2329          | 2335        | 2348         | rBV      | 814742         | 1092153       | 17.79%          | 3.407%        |

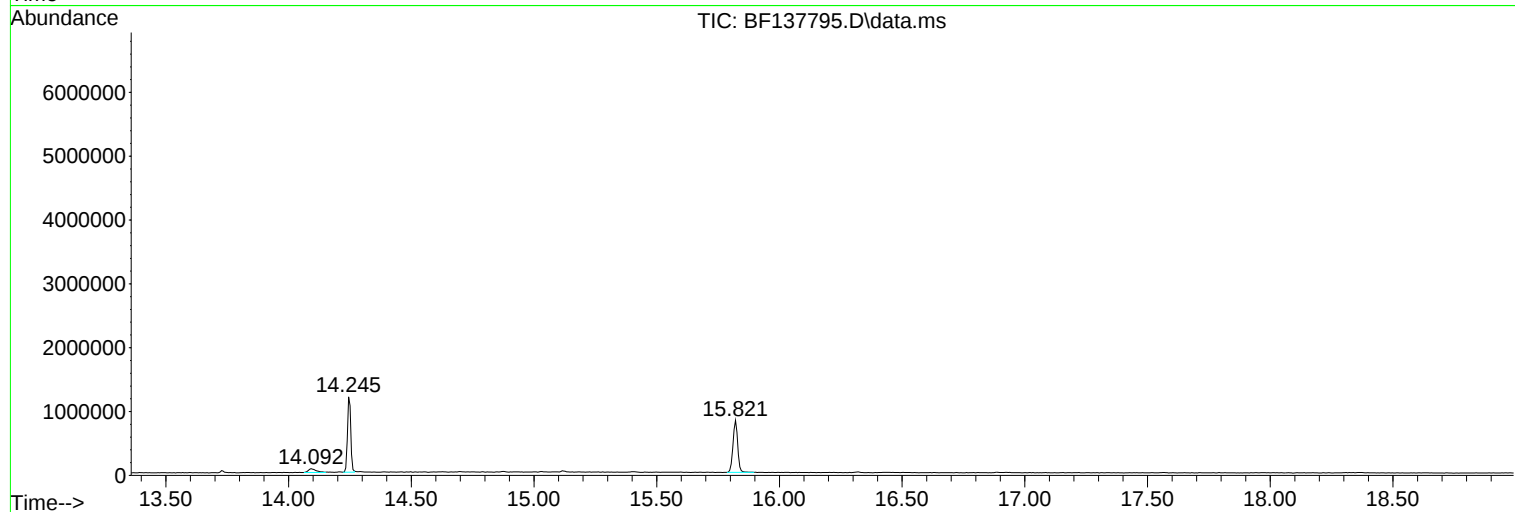
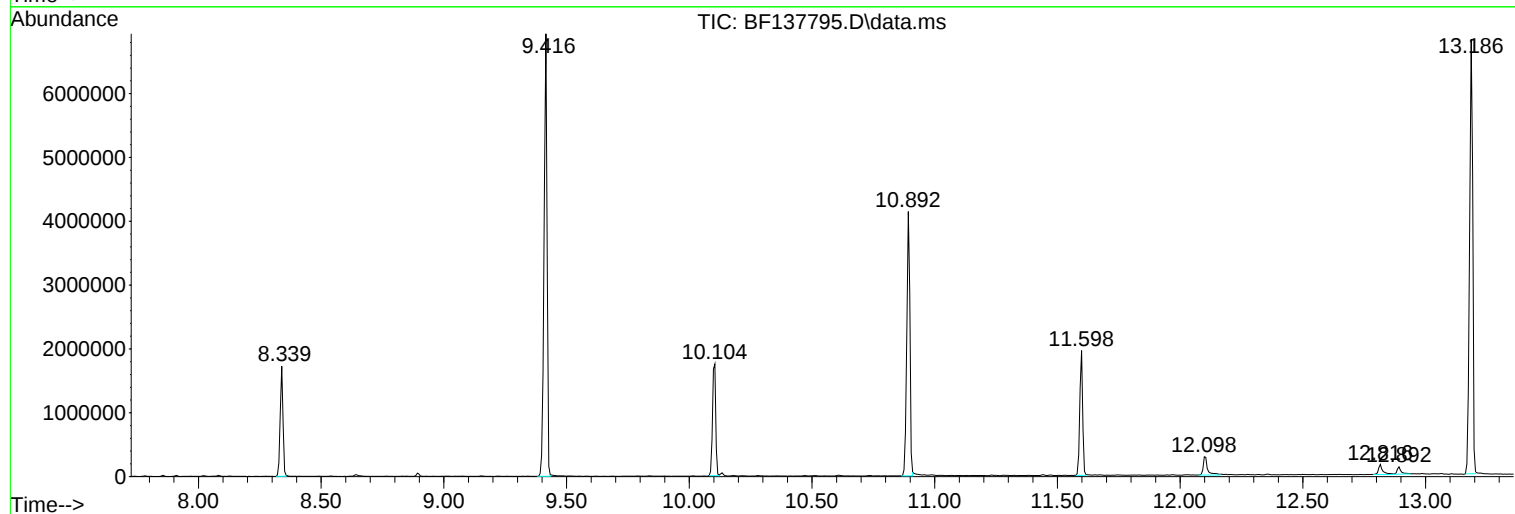
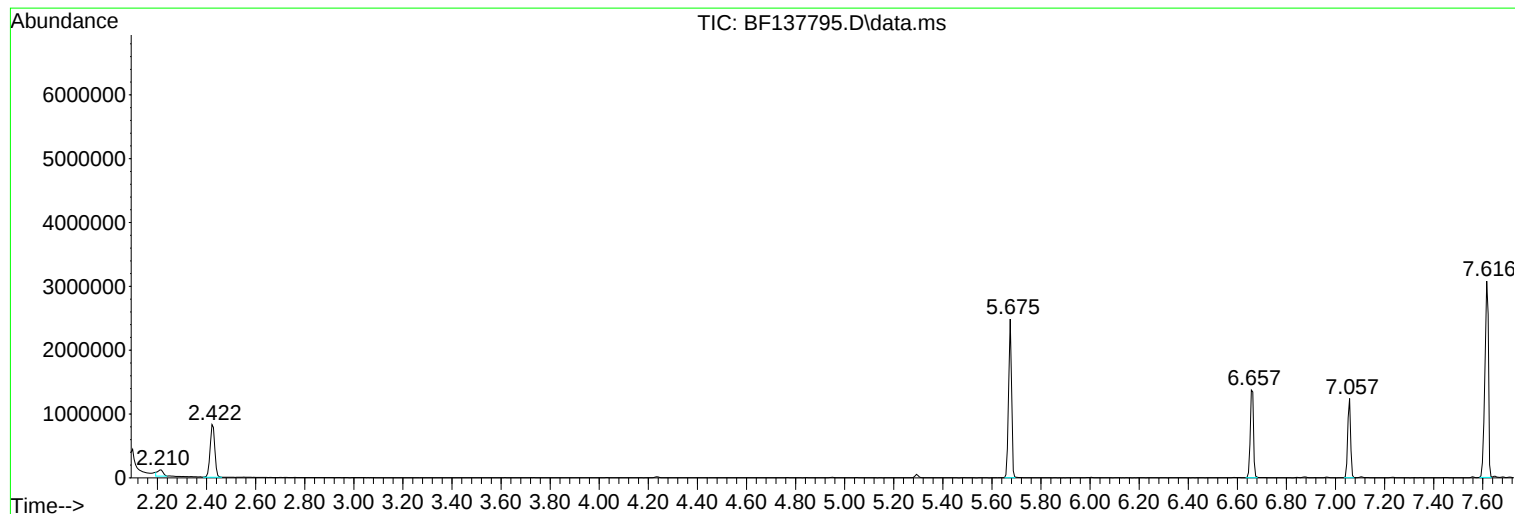
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-2-20240429

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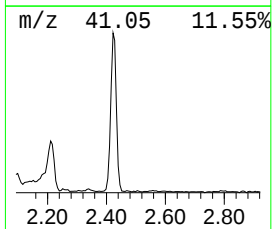
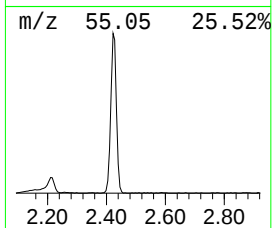
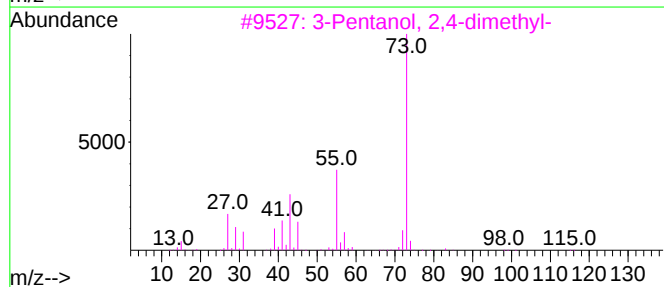
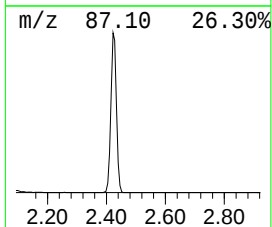
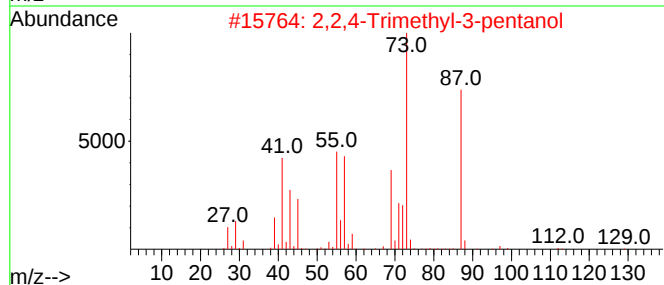
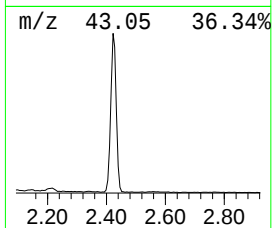
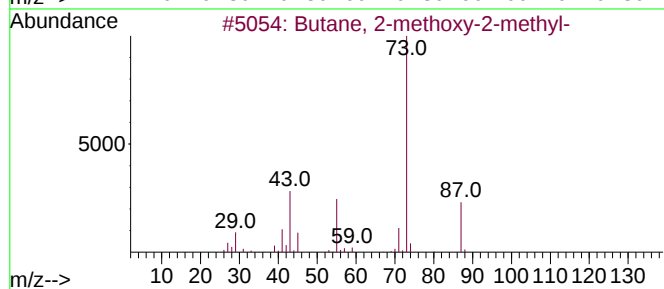
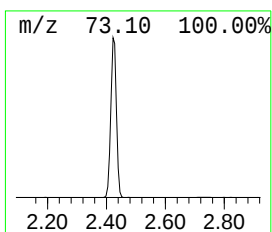
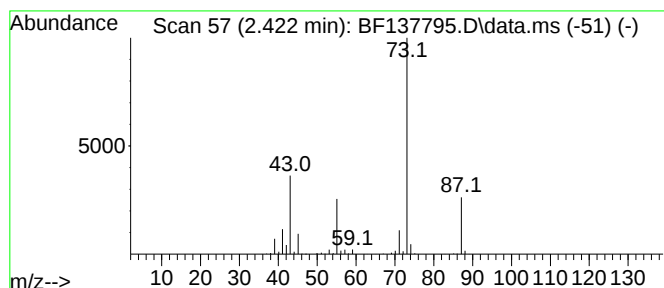
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|----------|---------|------------------------|-------|
| 2.422 | 21.41 ng | 1090400 | 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    |      | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 25   |
| 4    |      | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 5    |      | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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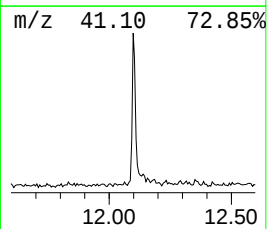
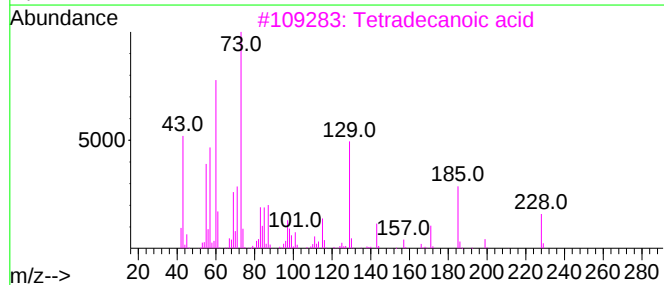
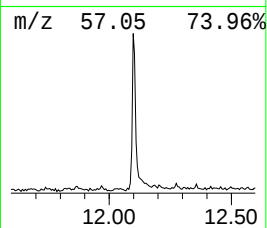
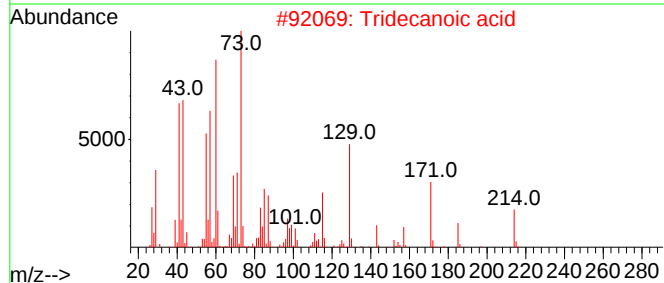
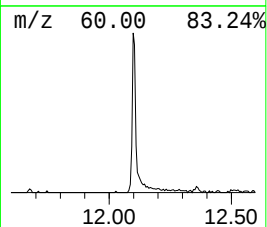
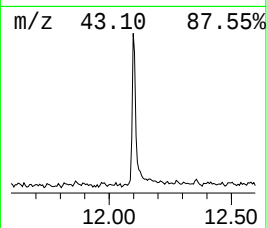
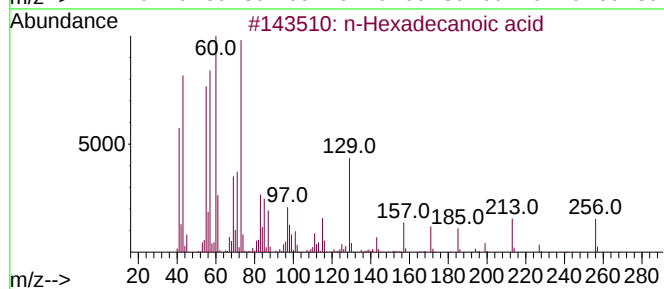
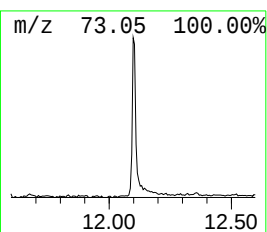
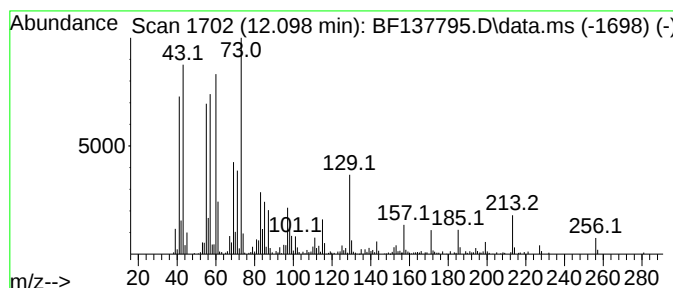
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.   |
|--------|---------|--------|------------------|--------|
| 12.098 | 4.42 ng | 348352 | Phenanthrene-d10 | 11.598 |

| 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    |    |   | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 64   |



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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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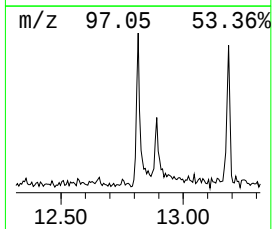
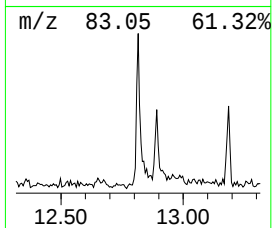
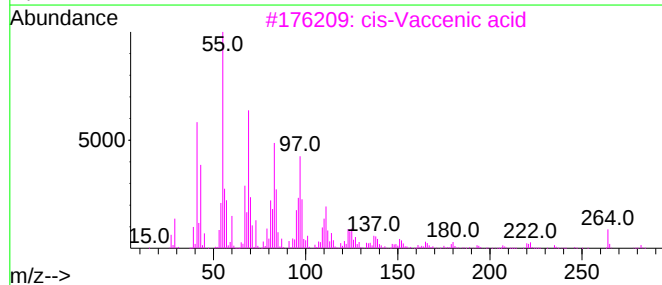
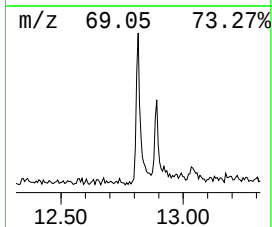
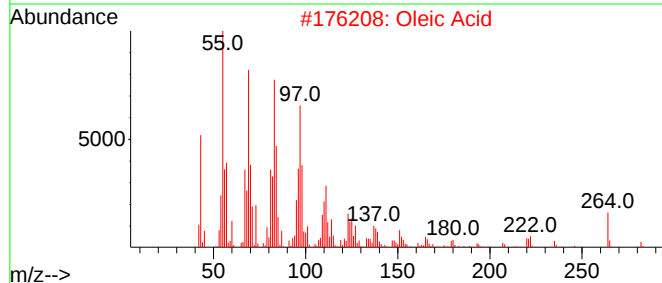
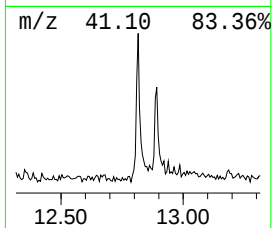
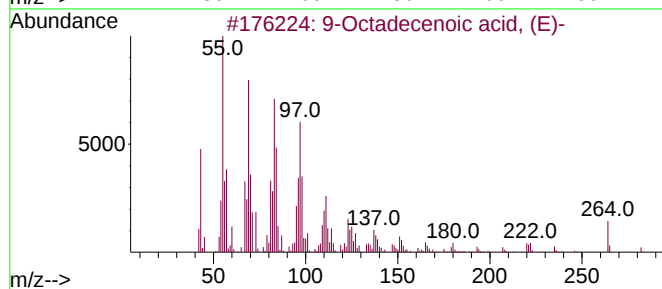
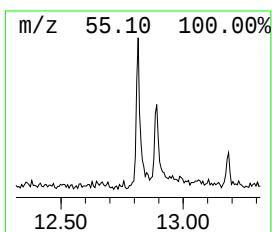
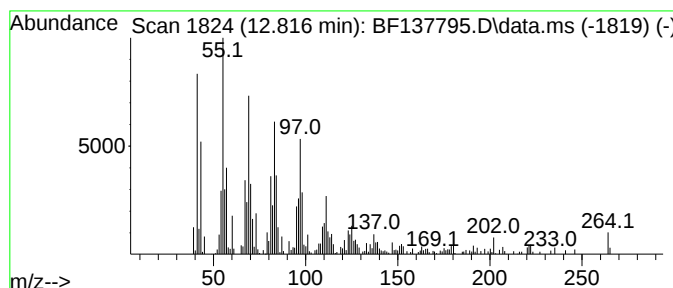
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.816 | 2.57 ng | 202696 | Phenanthrene-d10 | 11.598 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 9-Octadecenoic acid, (E)-           | 282 | C18H34O2  | 000112-79-8  | 95   |
| 2    |    |   | Oleic Acid                          | 282 | C18H34O2  | 000112-80-1  | 94   |
| 3    |    |   | cis-Vaccenic acid                   | 282 | C18H34O2  | 000506-17-2  | 93   |
| 4    |    |   | 14-Pentadecenoic acid               | 240 | C15H28O2  | 017351-34-7  | 83   |
| 5    |    |   | Succinic acid, dodec-2-en-1-yl 3... | 378 | C22H31F04 | 1010390-34-0 | 76   |



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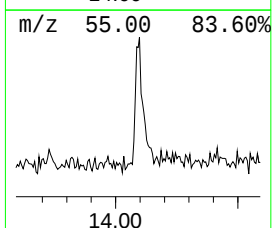
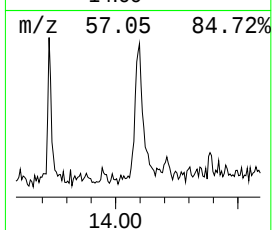
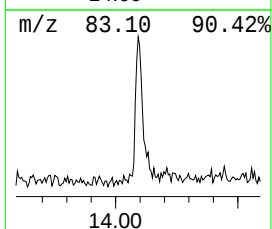
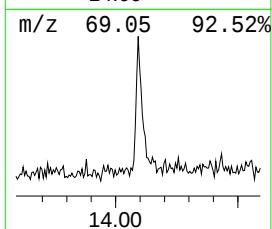
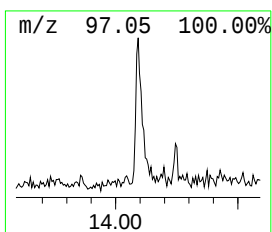
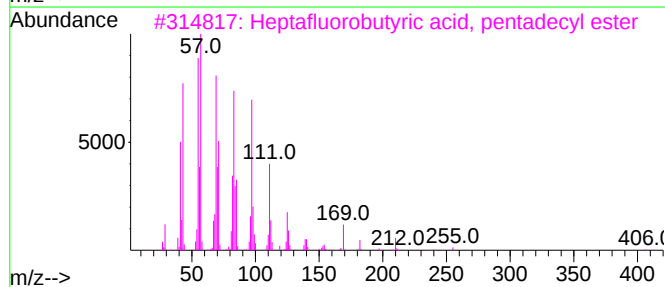
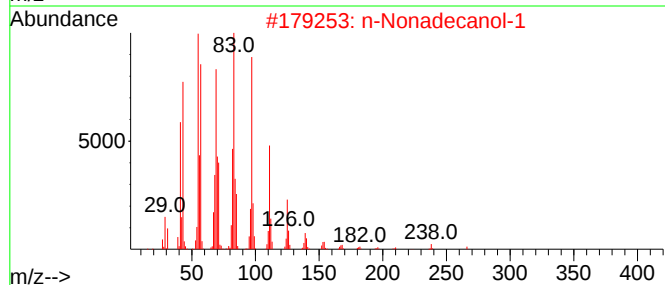
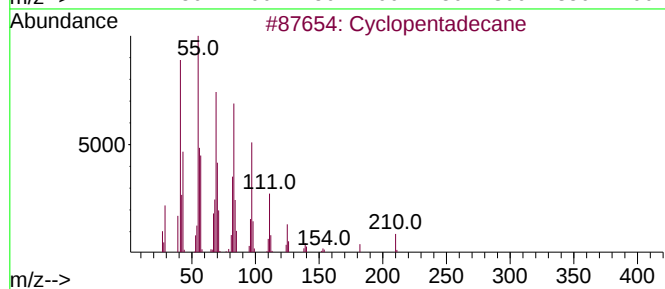
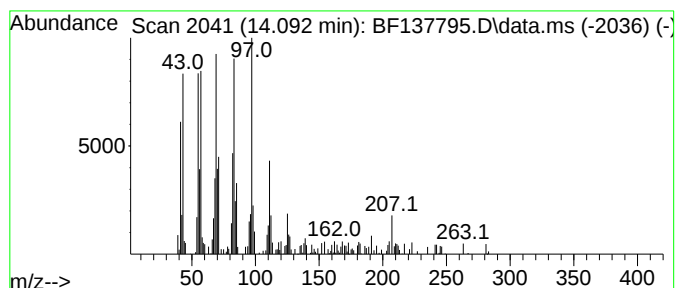
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TIC Library : C:\Database\NIST20.L  
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\*\*\*\*\*  
Peak Number 5 Cyclopentadecane Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.092 | 2.36 ng | 130444 | Chrysene-d12     | 14.245 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7 | 95   |
| 2    |    |   | n-Nonadecanol-1                     | 284 | C19H40O    | 001454-84-8 | 94   |
| 3    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 93   |
| 4    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 91   |
| 5    |    |   | Isoheptadecanol                     | 256 | C17H36O    | 057289-07-3 | 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 |
| Butane, 2-metho... | 2.422  | 21.4    | ng    | 1090400  | 1                     | 7.057  | 1018580 | 20.0 |
| n-Hexadecanoic ... | 12.098 | 4.4     | ng    | 348352   | 4                     | 11.598 | 1578020 | 20.0 |
| 9-Octadecenoic ... | 12.816 | 2.6     | ng    | 202696   | 4                     | 11.598 | 1578020 | 20.0 |
| Cyclopentadecane   | 14.092 | 2.4     | ng    | 130444   | 5                     | 14.245 | 1105100 | 20.0 |