

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072022\  
Data File : BG054339.D  
Acq On : 20 Jul 2022 23:03  
Operator : CG/JU  
Sample : N3777-01 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TR-06-071922

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\_G\Methods\8270-BG071522.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054339.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         | 18.065      | 2488          | 2498        | 2502         | rBV      | 6927575        | 11379283      | 23.73%          | 17.149%       |
| 2         | 19.246      | 2680          | 2699        | 2701         | rBV3     | 11873542       | 47946052      | 100.00%         | 72.255%       |
| 3         | 19.364      | 2714          | 2719        | 2723         | rVB      | 4527078        | 5529348       | 11.53%          | 8.333%        |
| 4         | 19.422      | 2724          | 2729        | 2731         | rBV      | 657974         | 957809        | 2.00%           | 1.443%        |
| 5         | 20.327      | 2879          | 2883        | 2892         | rVB2     | 349859         | 544683        | 1.14%           | 0.821%        |

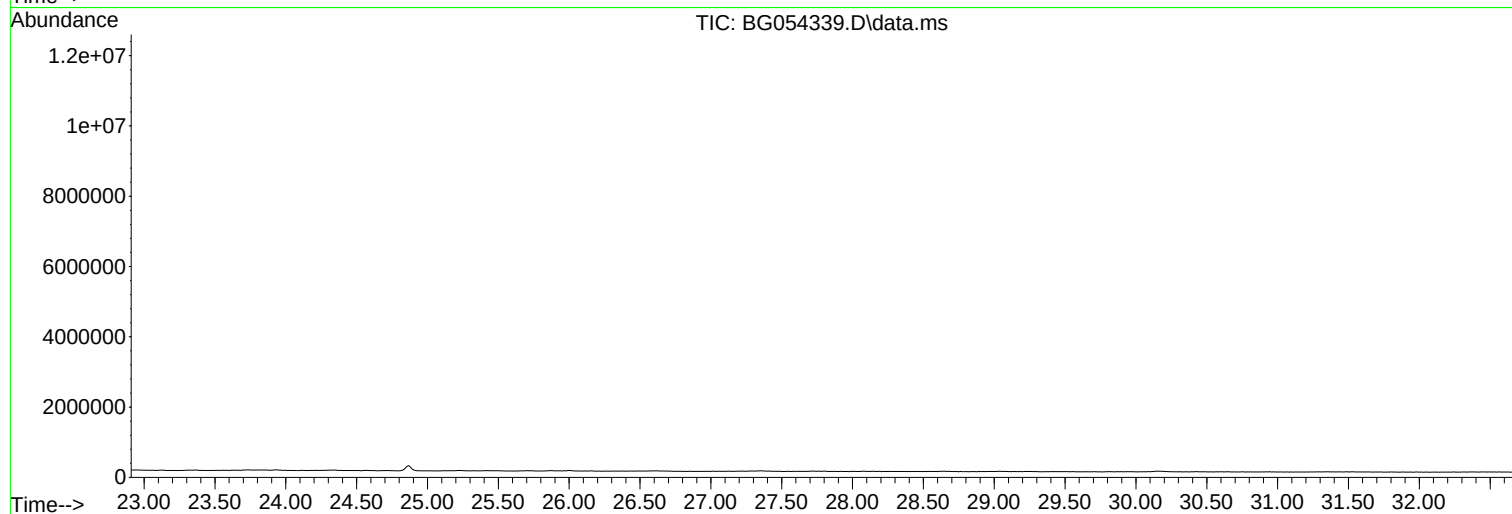
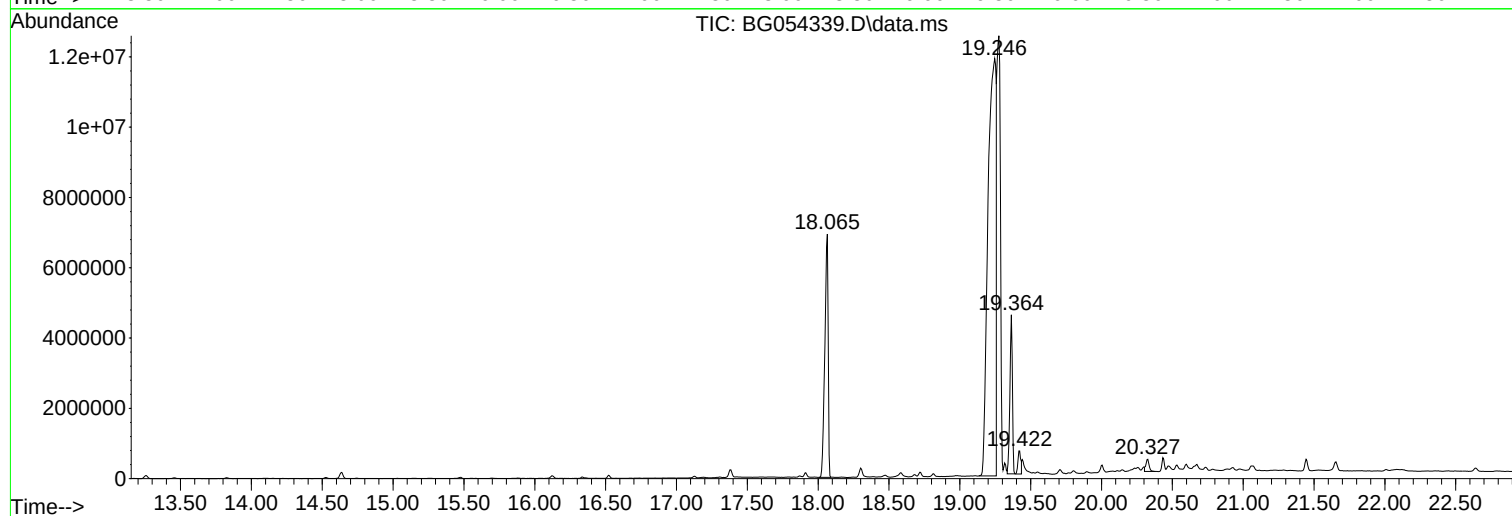
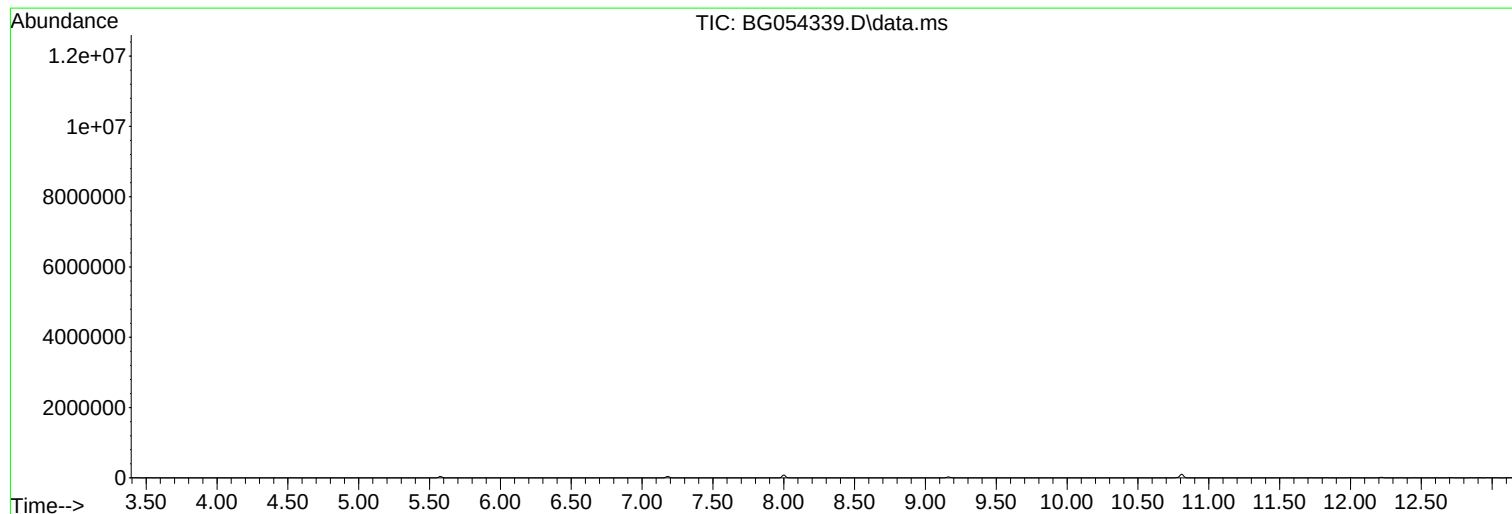
Sum of corrected areas: 66357175

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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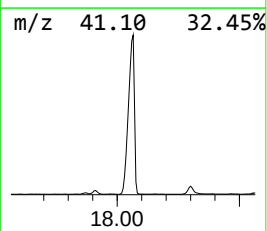
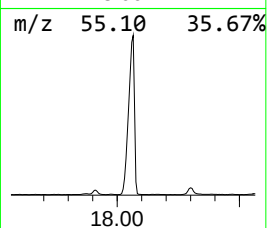
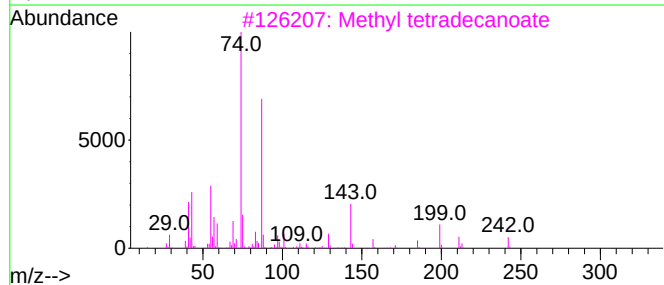
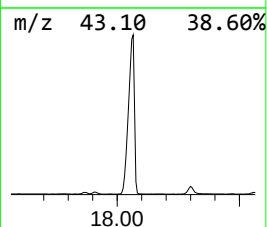
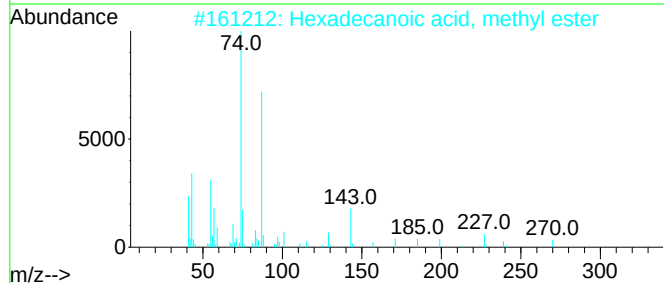
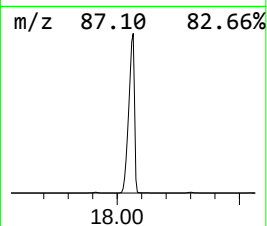
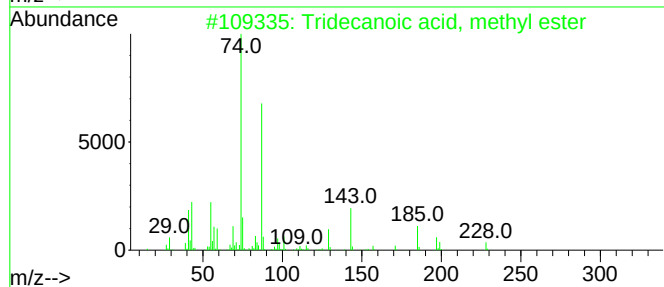
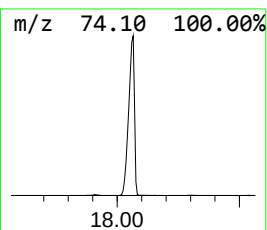
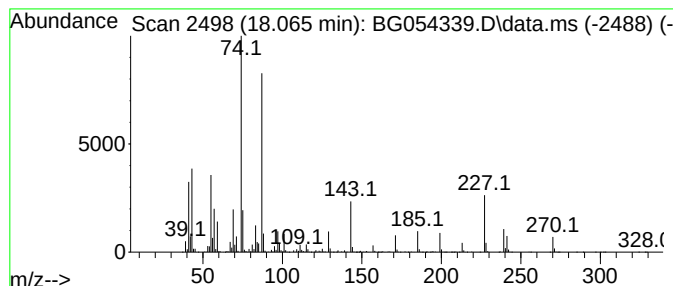
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Tridecanoic acid, methyl ester Concentration Rank 2

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 18.065 | 20.00 ng | 11379300 | Phenanthrene-d10 | 17.378 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 96   |
| 2    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 94   |
| 3    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |
| 4    |    |   | Tridecanoic acid, 12-methyl-, me... | 242 | C15H30O2 | 005129-58-8 | 83   |
| 5    |    |   | Methyl 9-methyltetradecanoate       | 256 | C16H32O2 | 213617-69-7 | 80   |



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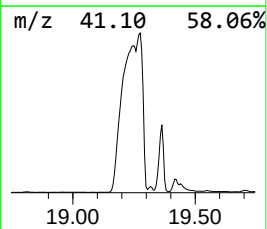
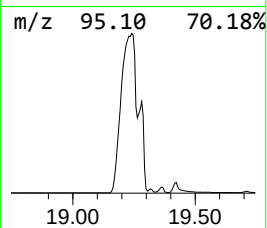
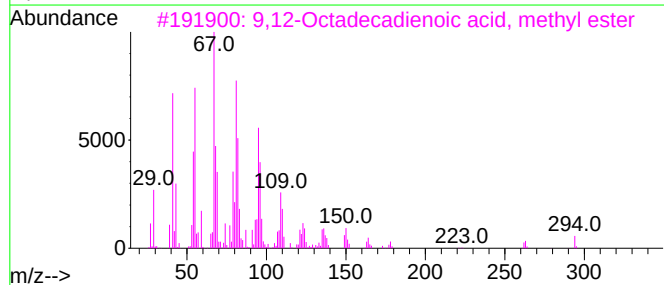
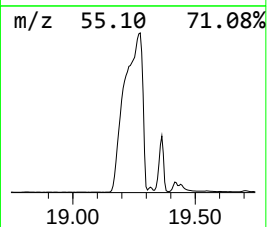
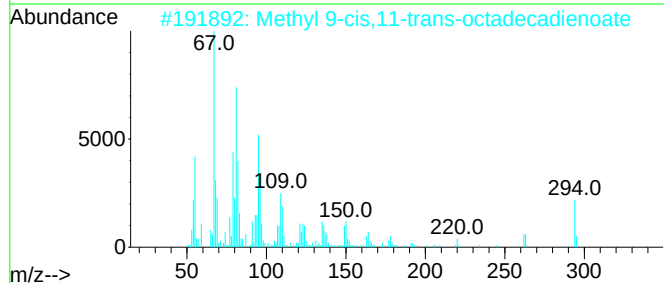
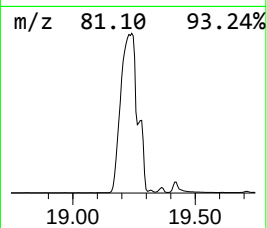
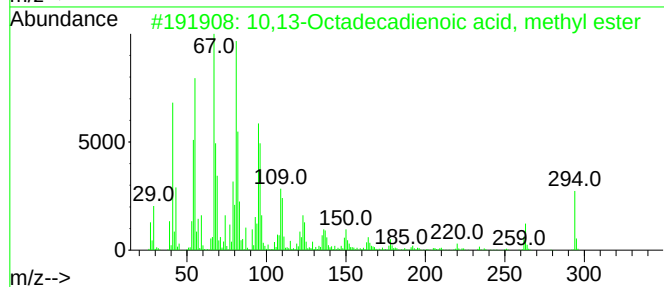
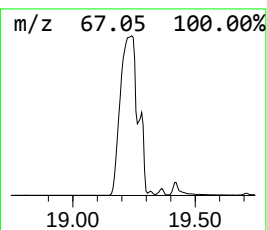
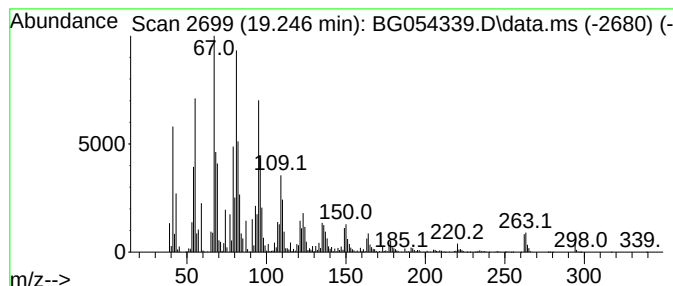
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 10,13-Octadecadienoic acid,... Concentration Rank 1

| R.T.   | EstConc  | Area     | Relative to ISTD | R.T.   |
|--------|----------|----------|------------------|--------|
| 19.246 | 84.27 ng | 47946100 | Phenanthrene-d10 | 17.378 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2     | 056554-62-2 | 99      |      |      |
| 2    | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2     | 013058-52-1 | 99      |      |      |
| 3    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2     | 002462-85-3 | 98      |      |      |
| 4    | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2     | 000112-63-0 | 98      |      |      |
| 5    | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2     | 017309-05-6 | 97      |      |      |



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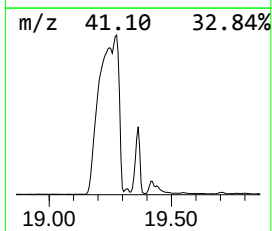
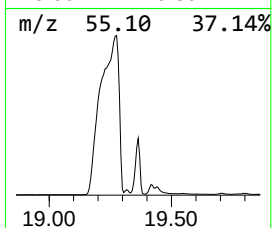
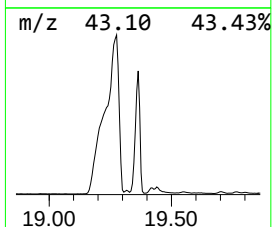
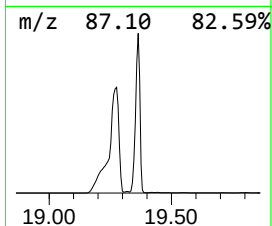
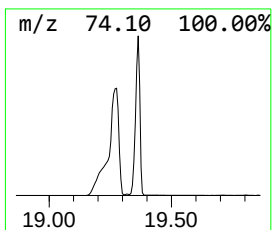
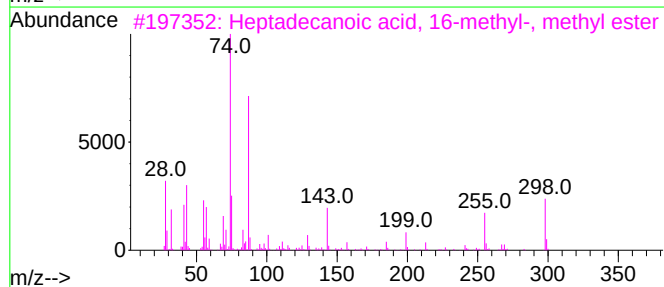
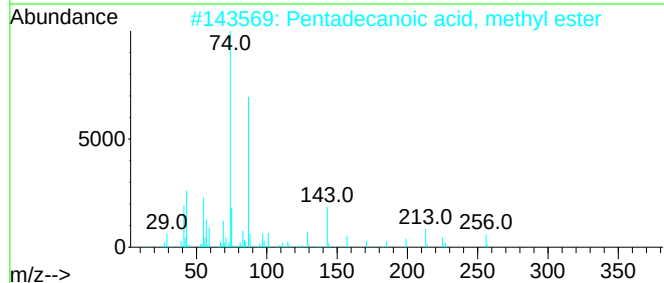
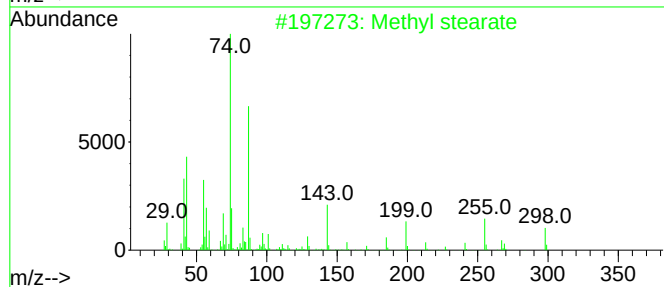
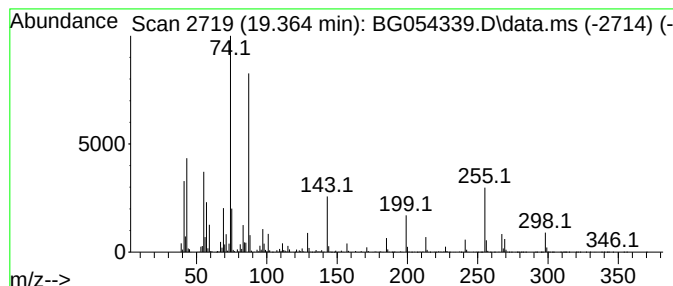
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Methyl stearate Concentration Rank 4

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 19.364 | 9.72 ng | 5529350 | Phenanthrene-d10 | 17.378 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 99   |
| 2    |    |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 90   |
| 3    |    |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 90   |
| 4    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 80   |
| 5    |    |   | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 80   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
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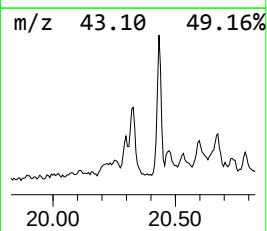
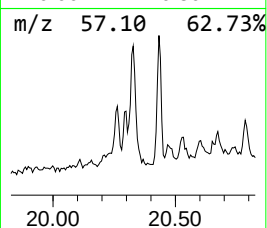
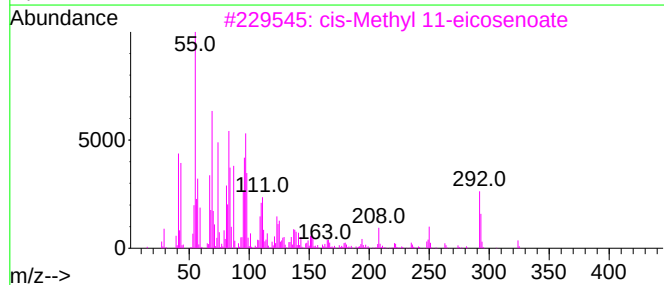
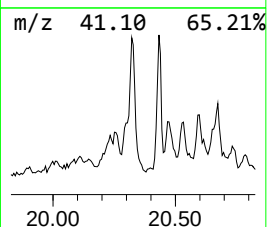
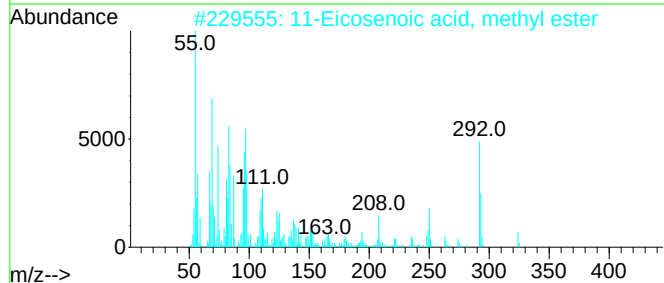
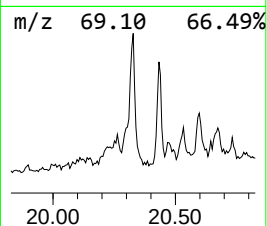
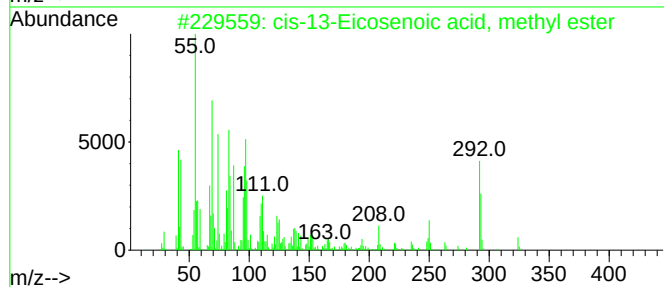
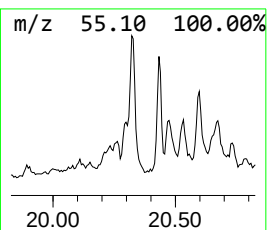
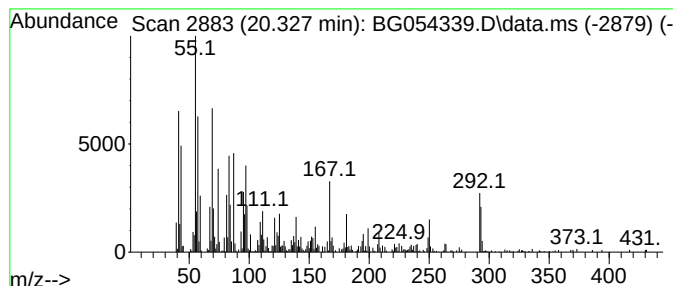
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 cis-13-Eicosenoic acid, met... Concentration Rank 3

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 20.327 | 20.00 ng | 544683 | Chrysene-d12     | 21.655 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | cis-13-Eicosenoic acid, methyl e... | 324 | C21H40O2 | 069120-02-1  | 64   |
| 2    |    |   | 11-Eicosenoic acid, methyl ester    | 324 | C21H40O2 | 003946-08-5  | 50   |
| 3    |    |   | cis-Methyl 11-eicosenoate           | 324 | C21H40O2 | 002390-09-2  | 50   |
| 4    |    |   | n-Propyl 11-eicosenoate             | 352 | C23H44O2 | 1010336-75-3 | 47   |
| 5    |    |   | 7-Hexadecenoic acid, methyl este... | 268 | C17H32O2 | 056875-67-3  | 41   |



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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 |
| Tridecanoic aci... | 18.065 | 20.0    | ng    | 11379300 | 4                     | 17.378 | 11379300 | 20.0 |
| 10,13-Octadecad... | 19.246 | 84.3    | ng    | 47946100 | 4                     | 17.378 | 11379300 | 20.0 |
| Methyl stearate    | 19.364 | 9.7     | ng    | 5529350  | 4                     | 17.378 | 11379300 | 20.0 |
| cis-13-Eicoseno... | 20.327 | 20.0    | ng    | 544683   | 5                     | 21.655 | 544683   | 20.0 |