

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF013125\  
 Data File : BF141328.D  
 Acq On : 31 Jan 2025 13:27  
 Operator : RC/JU  
 Sample : Q1211-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TAPHHA-MW01-012825-00-T4

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141328.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         | 2.146       | 3             | 9           | 15           | rVB      | 48382          | 73849         | 1.36%           | 0.257%        |
| 2         | 4.998       | 484           | 494         | 505          | rBV      | 98671          | 163441        | 3.02%           | 0.568%        |
| 3         | 5.404       | 557           | 563         | 584          | rBV      | 1595679        | 2092078       | 38.66%          | 7.269%        |
| 4         | 6.416       | 730           | 735         | 755          | rBV      | 1006911        | 1334227       | 24.66%          | 4.636%        |
| 5         | 6.798       | 795           | 800         | 805          | rBV      | 776939         | 954501        | 17.64%          | 3.317%        |
| 6         | 7.363       | 889           | 896         | 901          | rBV      | 2165924        | 3074822       | 56.83%          | 10.684%       |
| 7         | 8.081       | 1012          | 1018        | 1031         | rBV      | 1010491        | 1290272       | 23.85%          | 4.483%        |
| 8         | 9.157       | 1194          | 1201        | 1206         | rBV      | 4002787        | 5299722       | 97.94%          | 18.414%       |
| 9         | 9.833       | 1310          | 1316        | 1321         | rBV      | 1201262        | 1476811       | 27.29%          | 5.131%        |
| 10        | 10.622      | 1444          | 1450        | 1476         | rBV      | 2434362        | 3424843       | 63.29%          | 11.900%       |
| 11        | 11.322      | 1563          | 1569        | 1574         | rBV      | 1210838        | 1533040       | 28.33%          | 5.327%        |
| 12        | 11.851      | 1653          | 1659        | 1676         | rBV2     | 49865          | 107871        | 1.99%           | 0.375%        |
| 13        | 12.563      | 1774          | 1780        | 1789         | rBV      | 107544         | 199166        | 3.68%           | 0.692%        |
| 14        | 12.645      | 1789          | 1794        | 1807         | rVB      | 48882          | 119980        | 2.22%           | 0.417%        |
| 15        | 12.916      | 1833          | 1840        | 1845         | rBV      | 3886308        | 5410927       | 100.00%         | 18.801%       |
| 16        | 13.963      | 2012          | 2018        | 2032         | rBV      | 946406         | 1254051       | 23.18%          | 4.357%        |
| 17        | 15.427      | 2261          | 2267        | 2283         | rBV      | 613385         | 970758        | 17.94%          | 3.373%        |

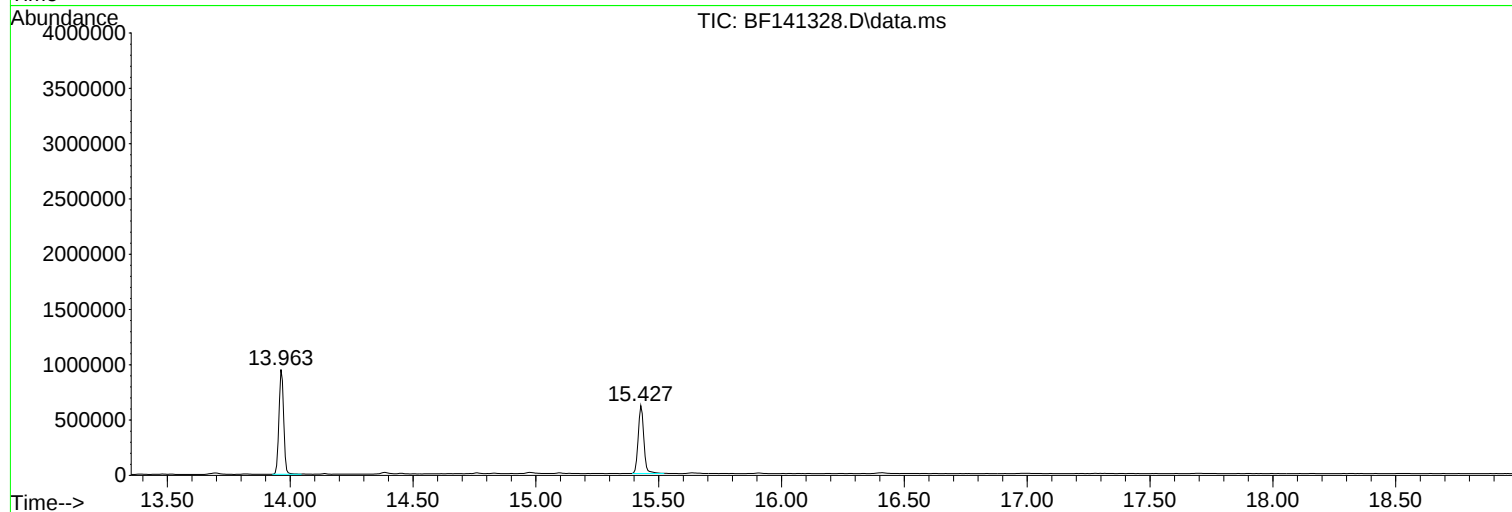
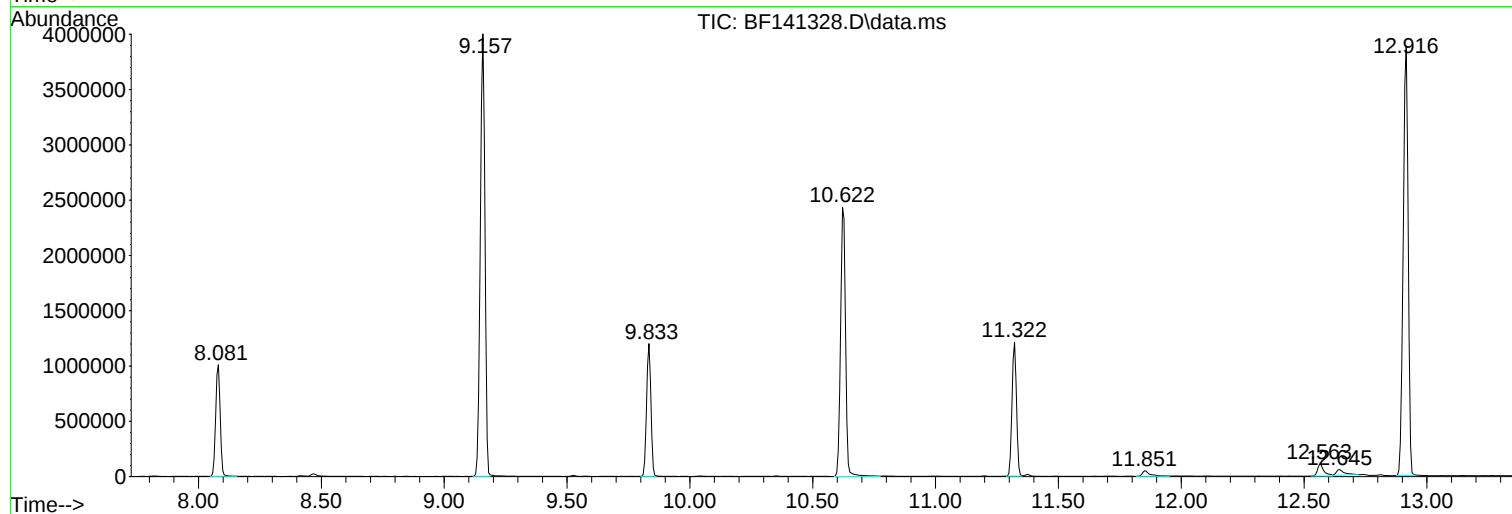
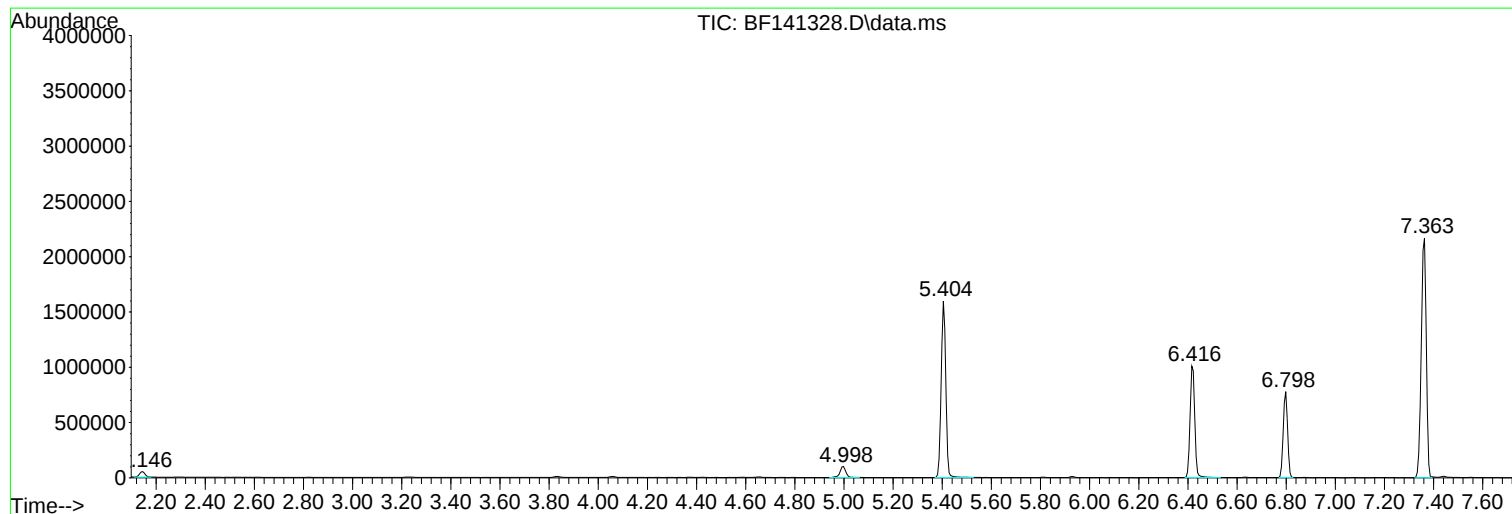
Sum of corrected areas: 28780359

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BNA\_F  
ClientSampleId :  
TAPHHA-MW01-012825-00-T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.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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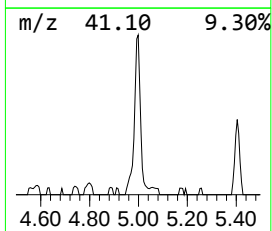
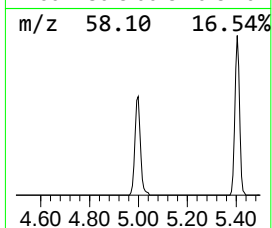
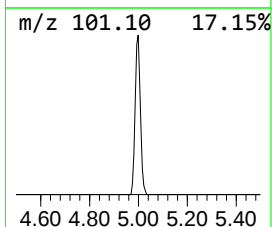
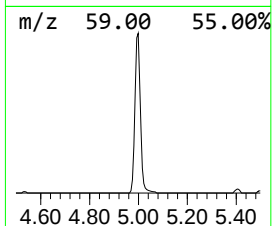
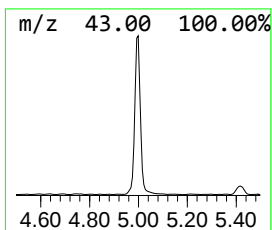
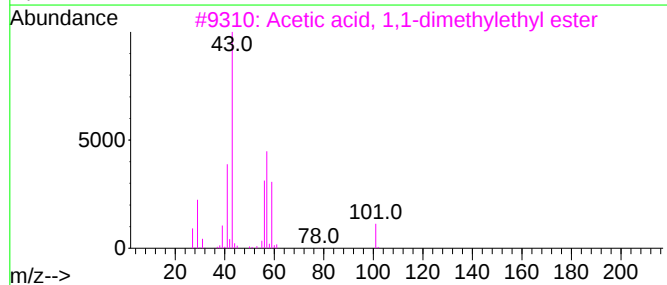
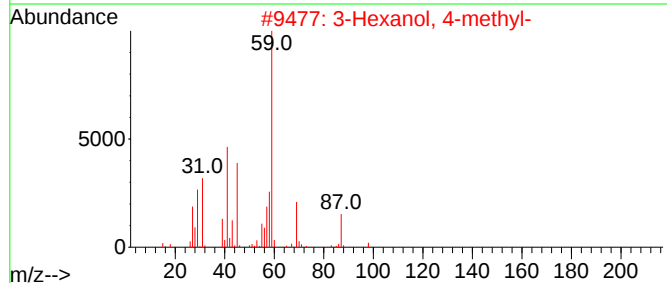
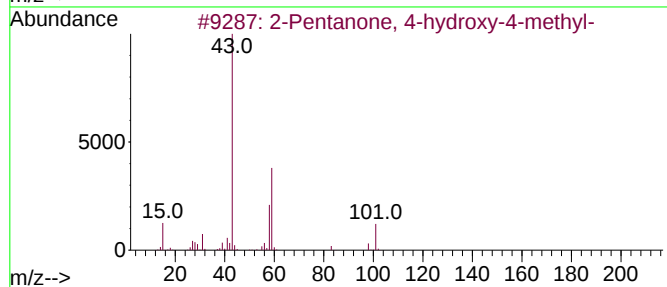
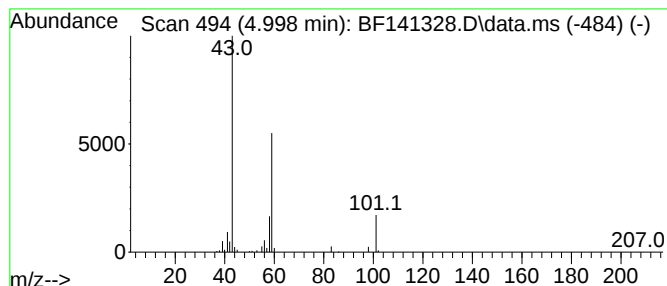
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.998 | 3.42 ng | 163441 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 59      |      |      |
| 2    | 3-Hexanol, 4-methyl-                | 116 | C7H16O       | 000615-29-2 | 33      |      |      |
| 3    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 28      |      |      |
| 4    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 25      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 12      |      |      |



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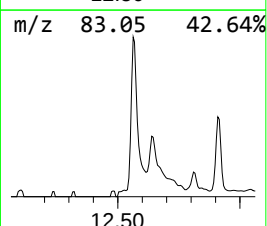
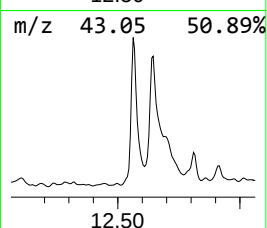
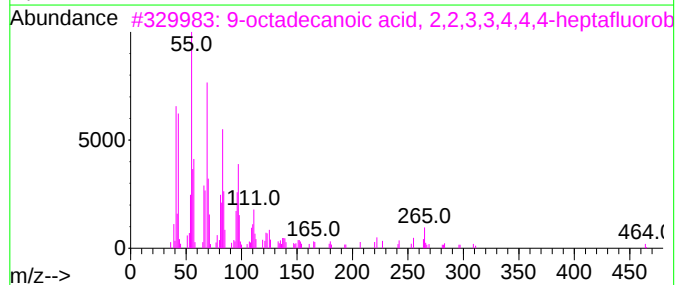
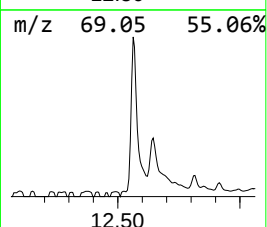
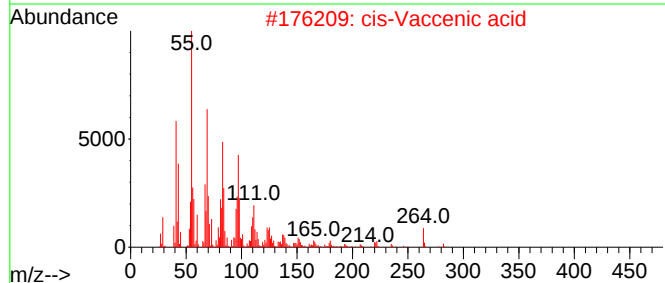
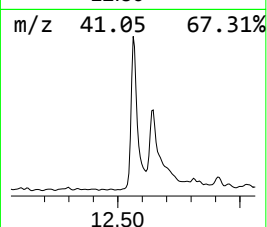
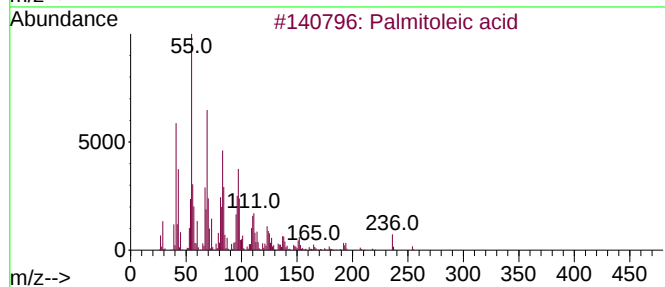
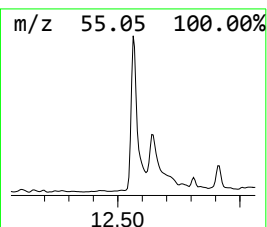
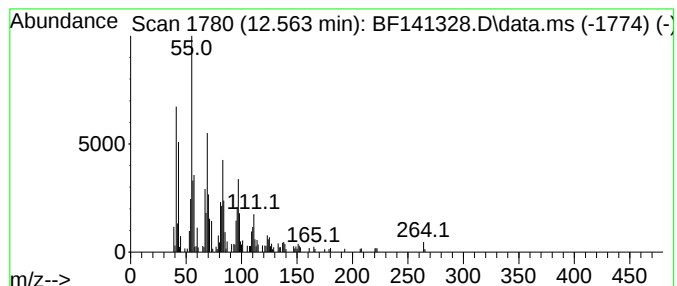
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Peak Number 2 Palmitoleic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.563 | 2.60 ng | 199166 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Palmitoleic acid                    | 254 | C16H30O2   | 000373-49-9  | 91   |
| 2    |    |   | cis-Vaccenic acid                   | 282 | C18H34O2   | 000506-17-2  | 91   |
| 3    |    |   | 9-octadecanoic acid, 2,2,3,3,4,4... | 464 | C22H35F7O2 | 1000376-61-4 | 91   |
| 4    |    |   | (E)-Hexadec-9-enoic acid            | 254 | C16H30O2   | 010030-73-6  | 91   |
| 5    |    |   | 9-Hexadecenoic acid                 | 254 | C16H30O2   | 002091-29-4  | 90   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 4.998  | 3.4     | ng    | 163441   | 1                     | 6.798  | 954501  | 20.0 |
| Palmitoleic acid   | 12.563 | 2.6     | ng    | 199166   | 4                     | 11.322 | 1533040 | 20.0 |