

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072623\  
 Data File : BF134490.D  
 Acq On : 26 Jul 2023 19:39  
 Operator : CG\JU  
 Sample : 03717-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

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-BF072423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134490.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         | 5.457       | 570           | 573         | 591          | rBV      | 1579235        | 1653276       | 82.50%          | 11.338%       |
| 2         | 6.463       | 741           | 744         | 762          | rBV      | 1664205        | 1676553       | 83.66%          | 11.498%       |
| 3         | 6.822       | 802           | 805         | 814          | rBV      | 590029         | 488847        | 24.39%          | 3.352%        |
| 4         | 7.387       | 897           | 901         | 912          | rBV      | 1193287        | 1032679       | 51.53%          | 7.082%        |
| 5         | 8.098       | 1019          | 1022        | 1039         | rBV      | 731768         | 669722        | 33.42%          | 4.593%        |
| 6         | 9.175       | 1201          | 1205        | 1209         | rBV      | 2333439        | 2004080       | 100.00%         | 13.744%       |
| 7         | 9.575       | 1269          | 1273        | 1281         | rVB      | 299787         | 228695        | 11.41%          | 1.568%        |
| 8         | 9.857       | 1317          | 1321        | 1332         | rBV      | 977938         | 768944        | 38.37%          | 5.273%        |
| 9         | 10.651      | 1452          | 1456        | 1467         | rBV      | 1701560        | 1480307       | 73.86%          | 10.152%       |
| 10        | 11.210      | 1547          | 1551        | 1553         | rBV      | 37327          | 32510         | 1.62%           | 0.223%        |
| 11        | 11.351      | 1571          | 1575        | 1580         | rBV      | 999877         | 836096        | 41.72%          | 5.734%        |
| 12        | 11.416      | 1584          | 1586        | 1590         | rVB2     | 37749          | 36176         | 1.81%           | 0.248%        |
| 13        | 11.639      | 1621          | 1624        | 1627         | rVB      | 32123          | 25755         | 1.29%           | 0.177%        |
| 14        | 11.880      | 1662          | 1665        | 1681         | rBV2     | 208891         | 249025        | 12.43%          | 1.708%        |
| 15        | 12.675      | 1797          | 1800        | 1811         | rBV4     | 37185          | 66992         | 3.34%           | 0.459%        |
| 16        | 12.945      | 1842          | 1846        | 1849         | rBV      | 2335268        | 1975554       | 98.58%          | 13.548%       |
| 17        | 13.857      | 1997          | 2001        | 2012         | rBV4     | 69592          | 158420        | 7.90%           | 1.086%        |
| 18        | 14.010      | 2023          | 2027        | 2036         | rVB      | 645386         | 574439        | 28.66%          | 3.939%        |
| 19        | 15.504      | 2276          | 2281        | 2287         | rBV      | 484639         | 623745        | 31.12%          | 4.278%        |

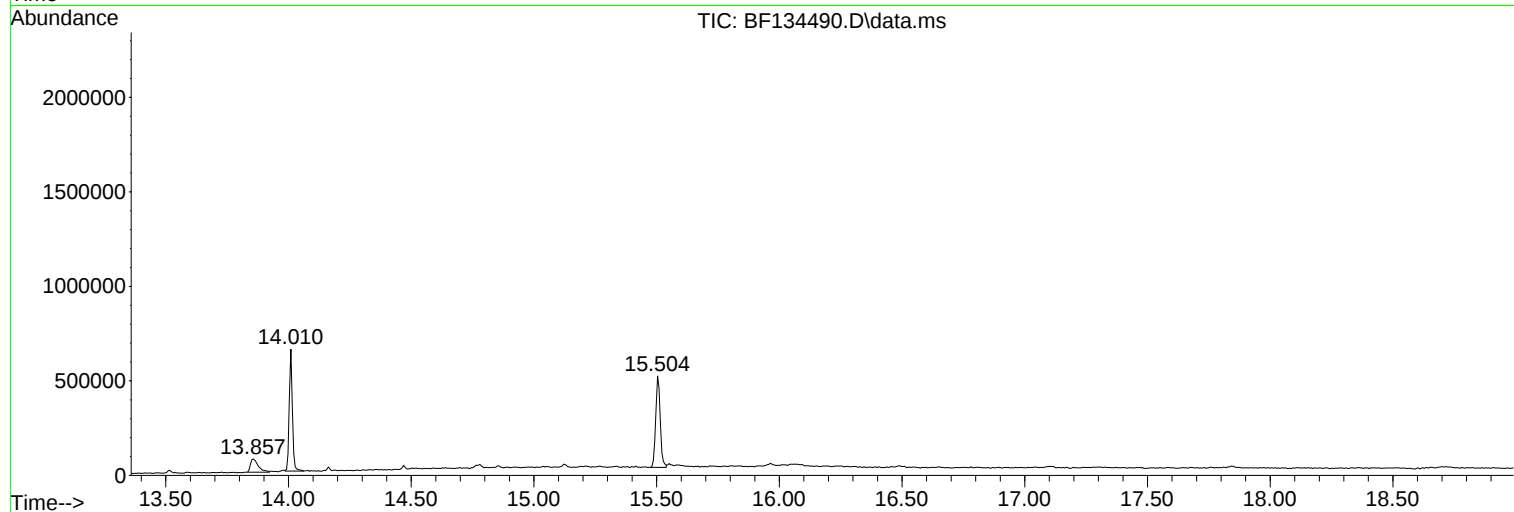
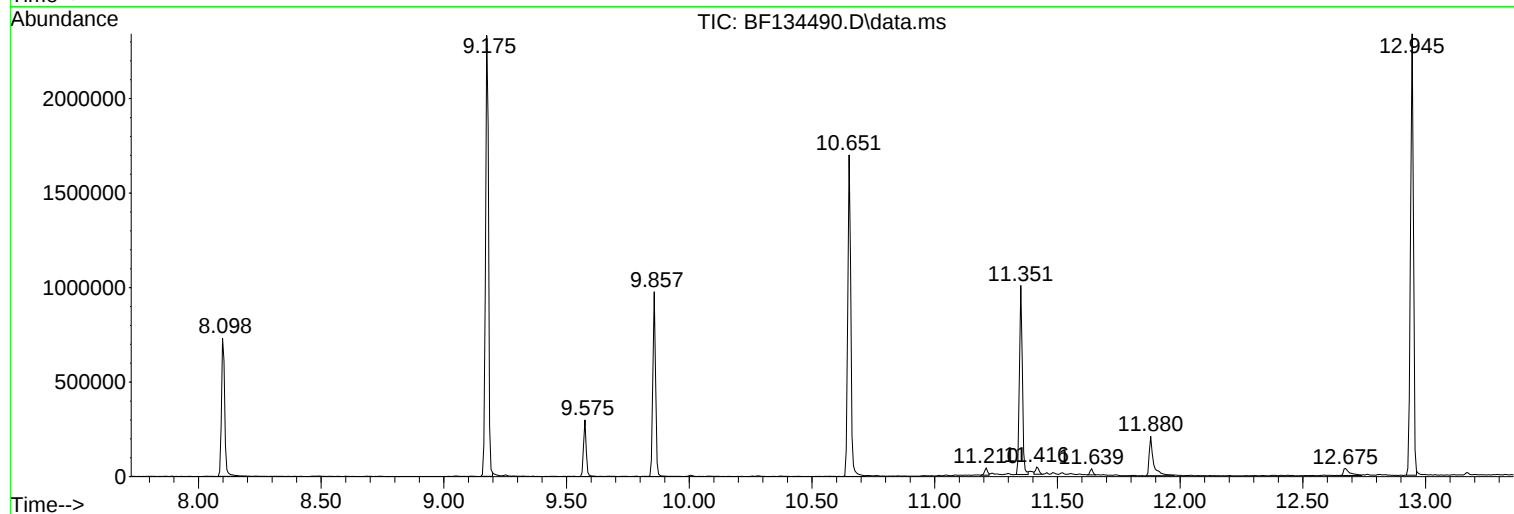
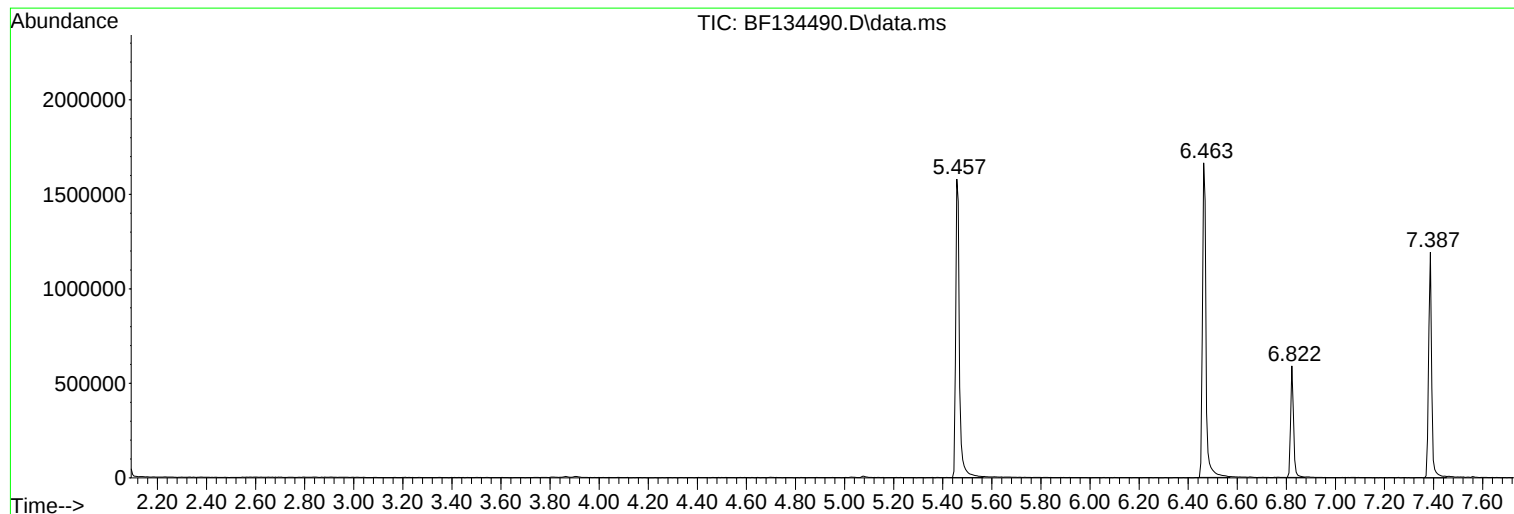
Sum of corrected areas: 14581815

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BNA\_F  
ClientSampleId :  
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.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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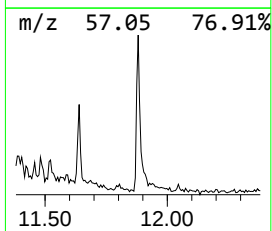
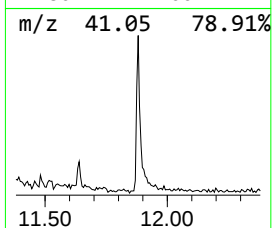
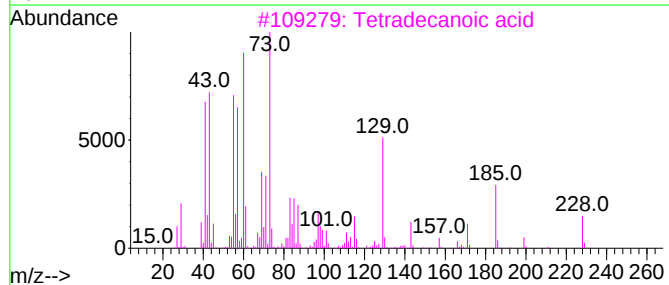
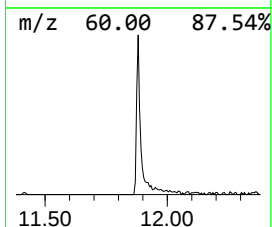
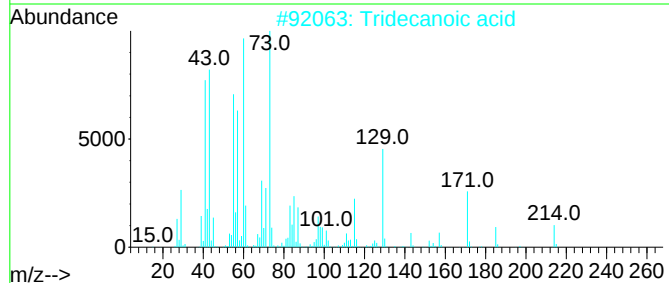
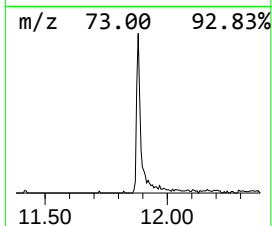
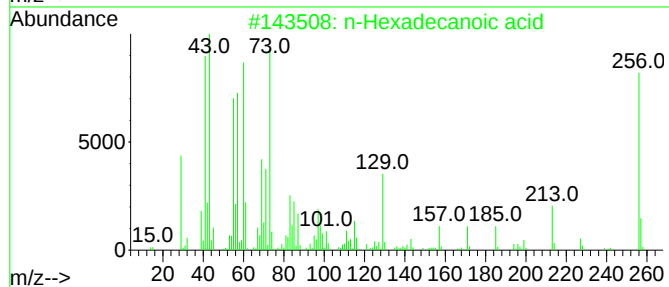
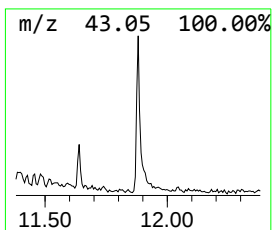
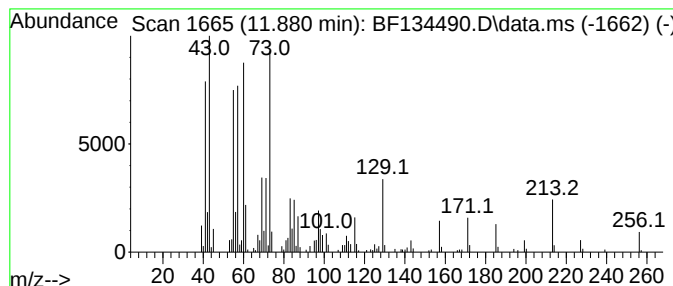
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
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TIC Library : C:\Database\NIST20.L  
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.881 | 5.96 ng | 249025 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 62   |



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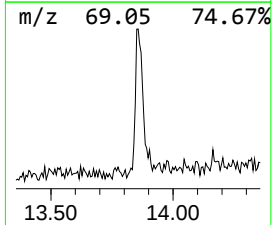
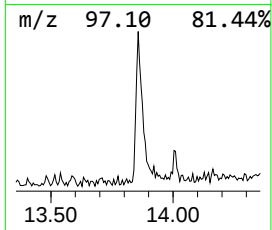
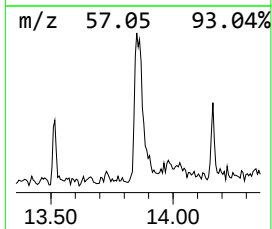
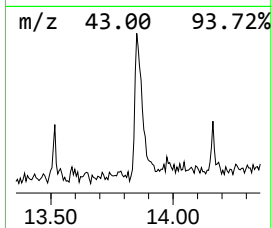
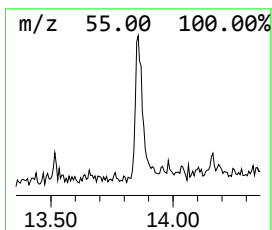
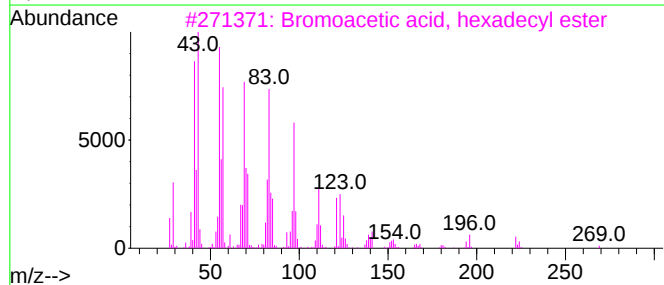
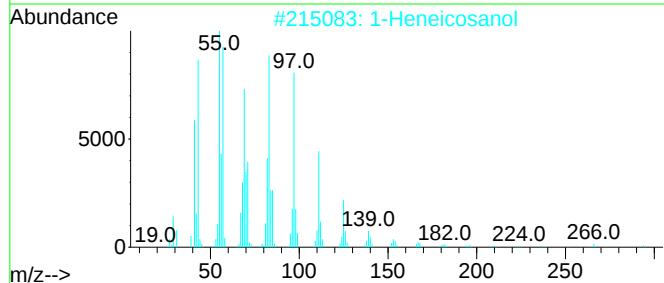
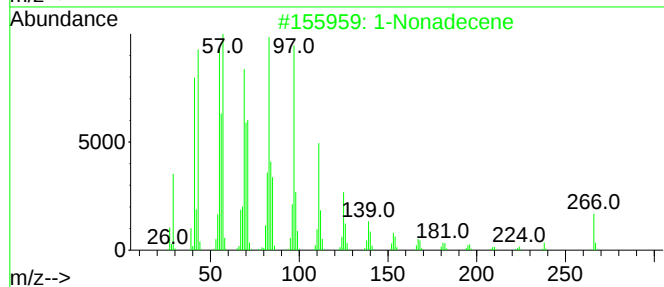
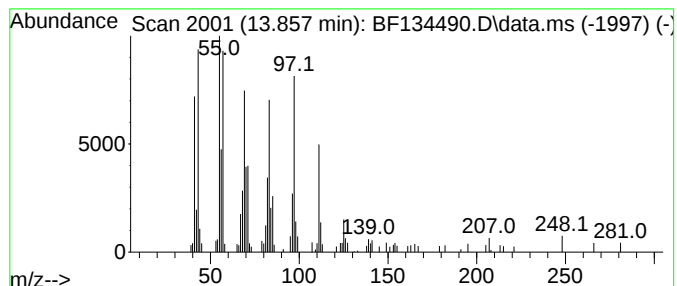
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Peak Number 2 1-Nonadecene Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.857 | 5.52 ng | 158420 | Chrysene-d12     | 14.010 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1-Nonadecene                        | 266 | C19H38       | 018435-45-5 | 93      |      |      |
| 2    | 1-Heneicosanol                      | 312 | C21H44O      | 015594-90-8 | 81      |      |      |
| 3    | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2   | 005454-48-8 | 81      |      |      |
| 4    | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2  | 074339-52-9 | 81      |      |      |
| 5    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2  | 074339-54-1 | 81      |      |      |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexadecanoic ... | 11.881 | 6.0     | ng    | 249025   | 4                     | 11.351 | 836096 | 20.0 |
| 1-Nonadecene       | 13.857 | 5.5     | ng    | 158420   | 5                     | 14.010 | 574439 | 20.0 |