

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082123\  
 Data File : BF134872.D  
 Acq On : 21 Aug 2023 17:37  
 Operator : CG\JU  
 Sample : 04074-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MAPLE-SHADE-COMP

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-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134872.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         | 5.428       | 563           | 568         | 571          | rBV      | 2200812        | 2085201       | 45.32%          | 8.657%        |
| 2         | 6.428       | 734           | 738         | 748          | rBV      | 1481554        | 1339063       | 29.10%          | 5.559%        |
| 3         | 6.793       | 796           | 800         | 803          | rBV      | 1105438        | 853146        | 18.54%          | 3.542%        |
| 4         | 7.357       | 890           | 896         | 899          | rBV      | 2739986        | 2705238       | 58.79%          | 11.231%       |
| 5         | 8.069       | 1013          | 1017        | 1023         | rBV      | 1407387        | 1161829       | 25.25%          | 4.823%        |
| 6         | 9.151       | 1195          | 1201        | 1204         | rBV      | 4801723        | 4601197       | 100.00%         | 19.102%       |
| 7         | 9.828       | 1311          | 1316        | 1319         | rBV      | 1312015        | 1238599       | 26.92%          | 5.142%        |
| 8         | 10.545      | 1434          | 1438        | 1441         | rBV      | 179595         | 148937        | 3.24%           | 0.618%        |
| 9         | 10.616      | 1445          | 1450        | 1454         | rBV      | 2667750        | 2680519       | 58.26%          | 11.128%       |
| 10        | 11.316      | 1565          | 1569        | 1572         | rBV      | 1271956        | 1092258       | 23.74%          | 4.534%        |
| 11        | 11.851      | 1656          | 1660        | 1671         | rVB2     | 206039         | 221617        | 4.82%           | 0.920%        |
| 12        | 12.110      | 1700          | 1704        | 1713         | rBV      | 44052          | 63559         | 1.38%           | 0.264%        |
| 13        | 12.639      | 1791          | 1794        | 1800         | rBV      | 64858          | 76909         | 1.67%           | 0.319%        |
| 14        | 12.916      | 1836          | 1841        | 1844         | rBV      | 3875803        | 3952166       | 85.89%          | 16.407%       |
| 15        | 13.816      | 1991          | 1994        | 2005         | rVB3     | 118475         | 179809        | 3.91%           | 0.746%        |
| 16        | 13.963      | 2015          | 2019        | 2032         | rVB      | 962324         | 972094        | 21.13%          | 4.036%        |
| 17        | 15.433      | 2264          | 2269        | 2275         | rVB      | 567271         | 715982        | 15.56%          | 2.972%        |

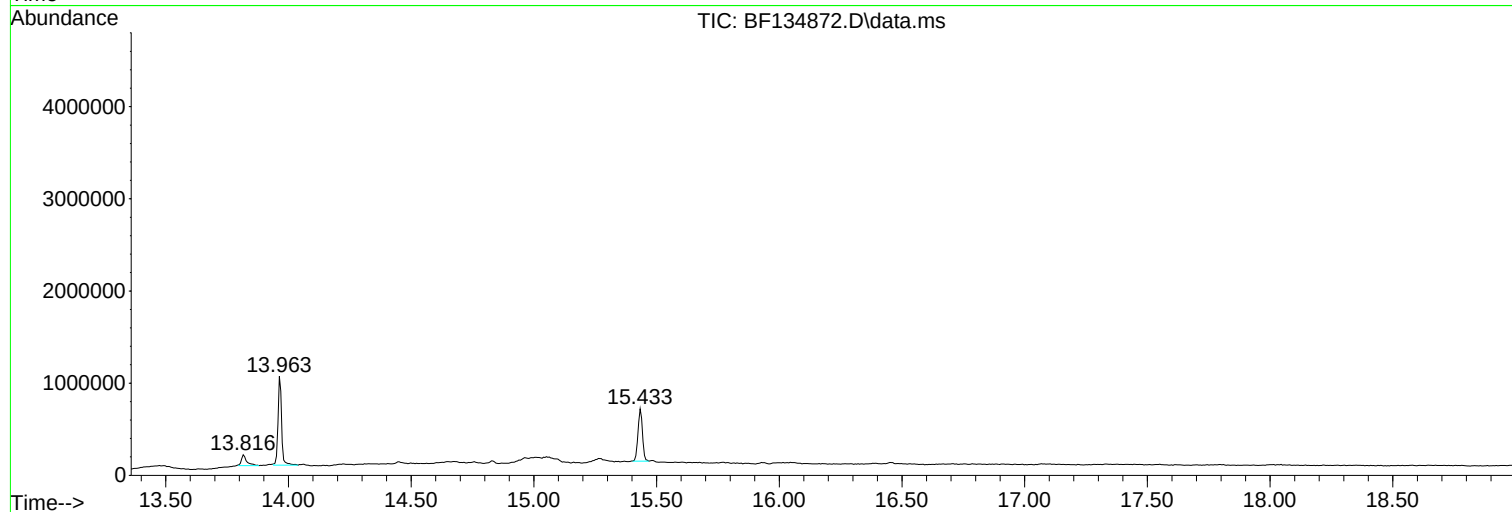
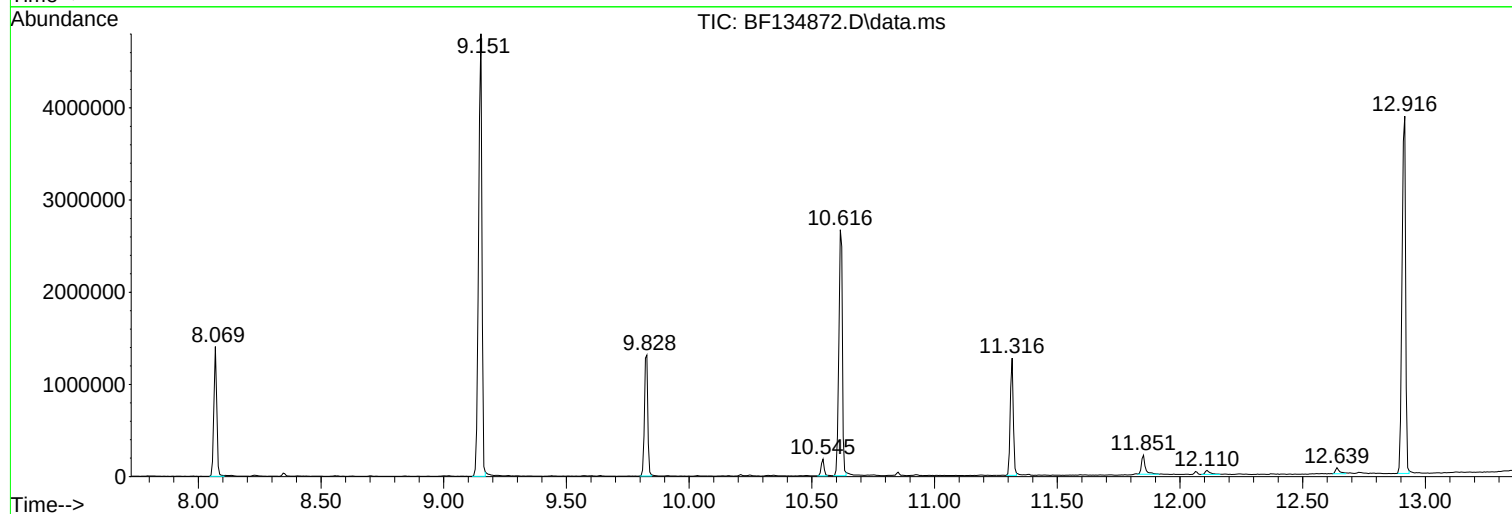
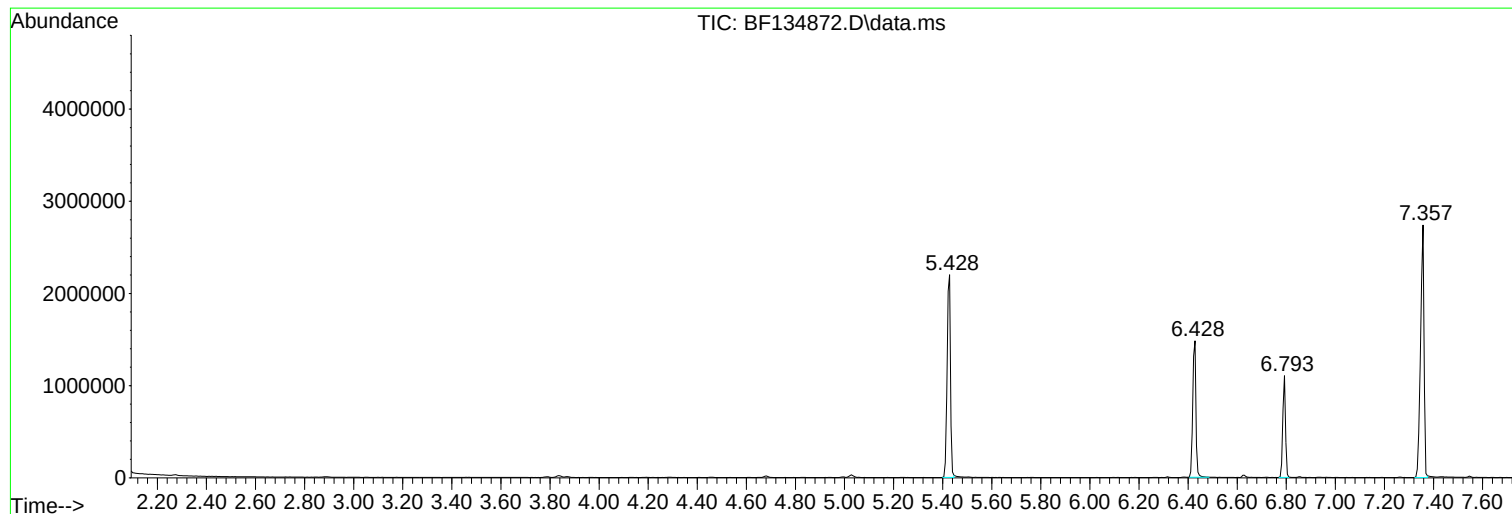
Sum of corrected areas: 24088123

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BNA\_F  
ClientSampleId :  
MAPLE-SHADE-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.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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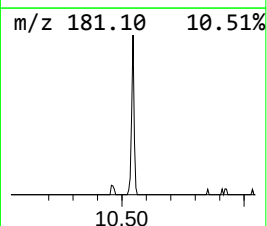
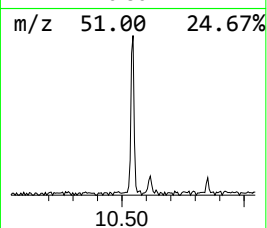
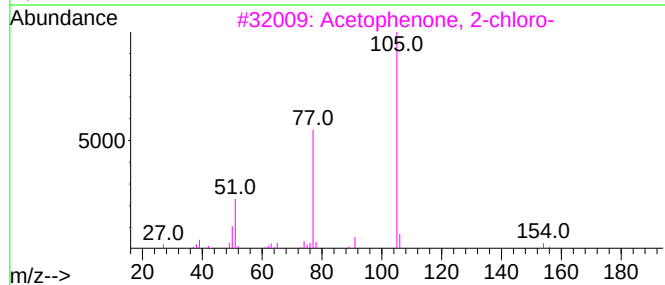
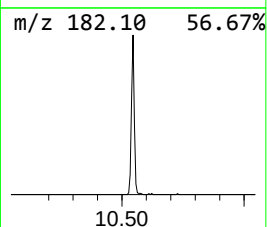
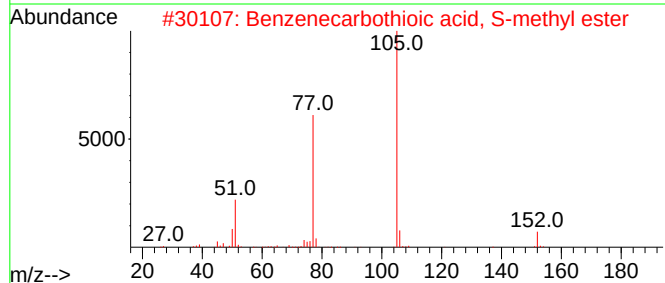
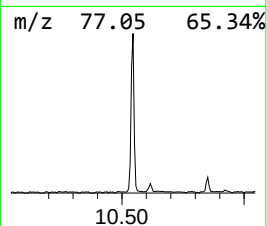
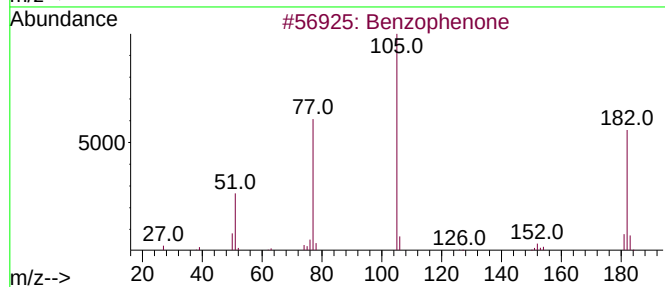
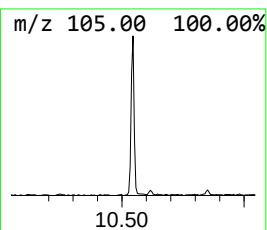
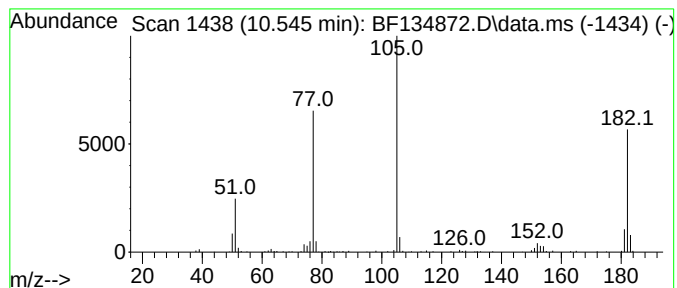
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.545 | 2.40 ng | 148937 | Acenaphthene-d10 | 9.828 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8 | 49   |
| 3    |    |   | Acetophenone, 2-chloro-             | 154 | C8H7ClO  | 000532-27-4 | 49   |
| 4    |    |   | N-Methoxy-N-methylbenzamide         | 165 | C9H11NO2 | 006919-61-5 | 47   |
| 5    |    |   | N-cyanobenzamide                    | 146 | C8H6N2O  | 015150-25-1 | 47   |



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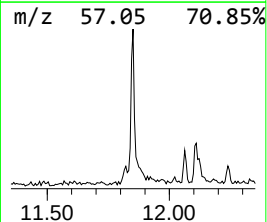
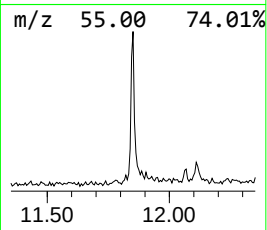
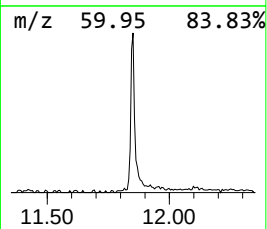
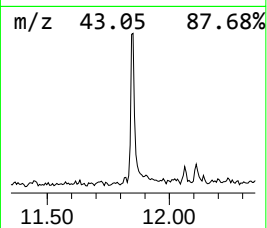
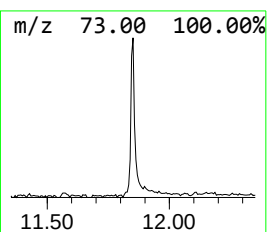
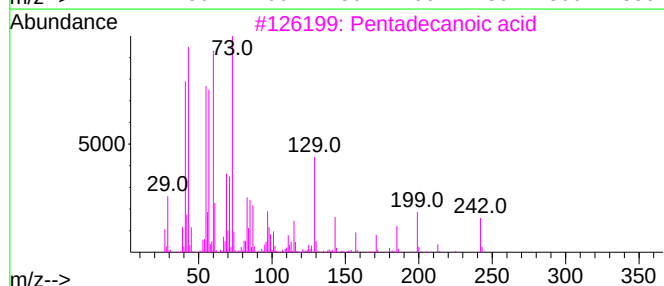
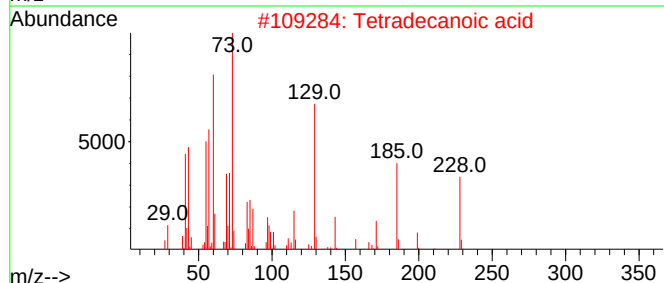
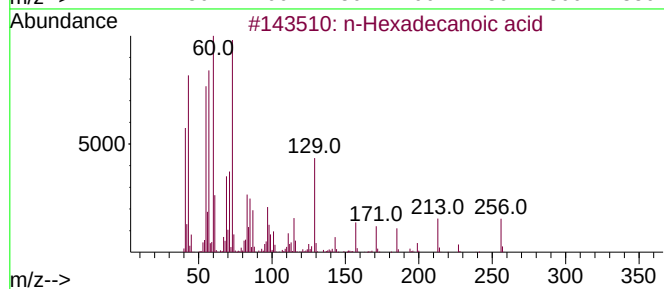
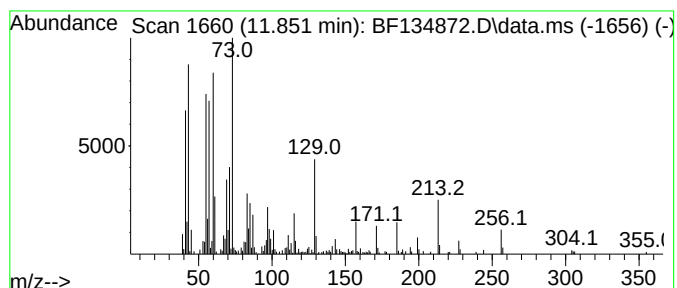
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.851 | 4.06 ng | 221617 | Phenanthrene-d10 | 11.316 |

| 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 | 92   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 83   |



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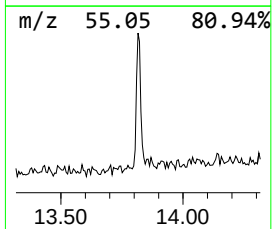
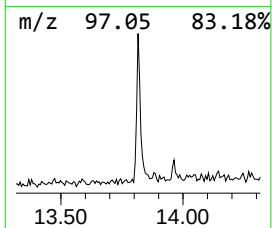
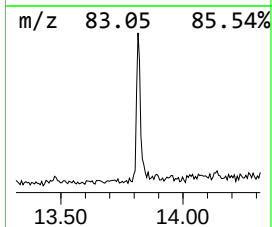
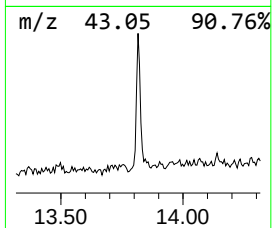
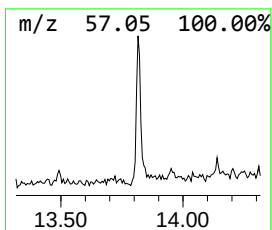
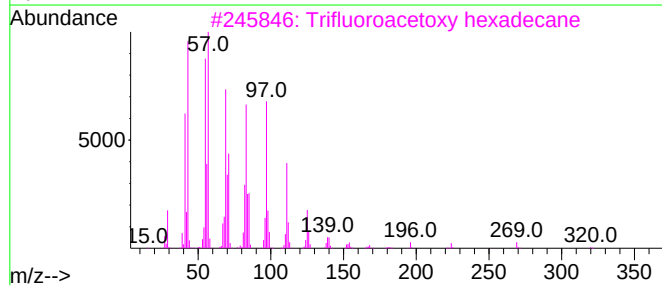
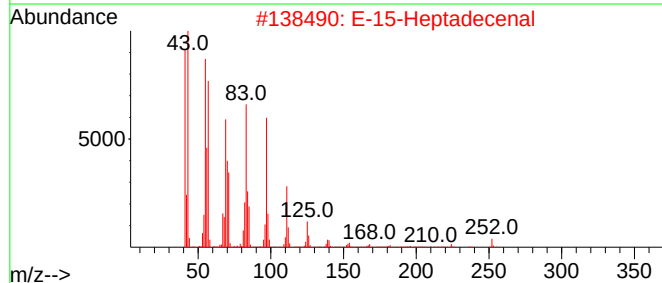
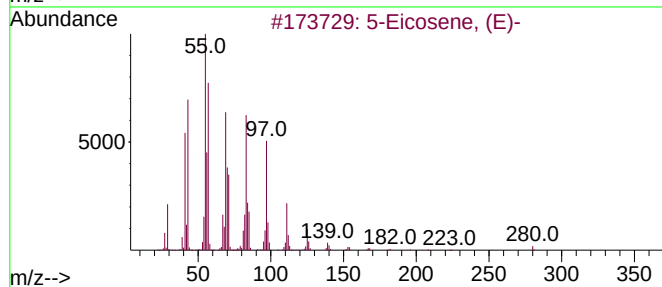
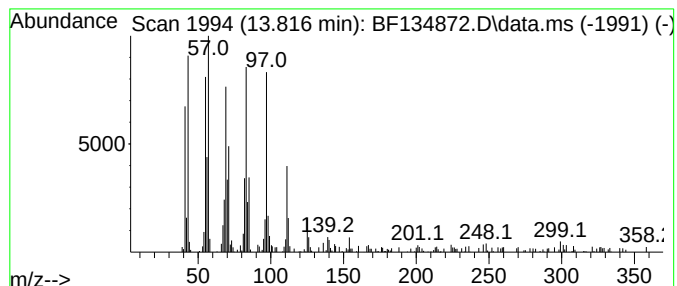
Instrument :  
BNA\_F  
ClientSampleId :  
MAPLE-SHADE-COMP

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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------|--------|------------------|--------------|------|
| 13.816    | 3.70 ng                     | 179809 | Chrysene-d12     | 13.963       |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#         | Qual |
| 1         | 5-Eicosene, (E)-            | 280    | C20H40           | 074685-30-6  | 98   |
| 2         | E-15-Heptadecenal           | 252    | C17H32O          | 1000130-97-9 | 95   |
| 3         | Trifluoroacetoxy hexadecane | 338    | C18H33F3O2       | 006222-03-3  | 94   |
| 4         | n-Tetracosanol-1            | 354    | C24H50O          | 000506-51-4  | 94   |
| 5         | 1-Heneicosanol              | 312    | C21H44O          | 015594-90-8  | 93   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 10.545 | 2.4     | ng    | 148937   | 3                     | 9.828  | 1238600 | 20.0 |
| n-Hexadecanoic ... | 11.851 | 4.1     | ng    | 221617   | 4                     | 11.316 | 1092260 | 20.0 |
| 5-Eicosene, (E)-   | 13.816 | 3.7     | ng    | 179809   | 5                     | 13.963 | 972094  | 20.0 |