

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072722\  
 Data File : BF129394.D  
 Acq On : 28 Jul 2022 00:54  
 Operator : CG\JU  
 Sample : N3861-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-5

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-BF072522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129394.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         | 5.110       | 477           | 480         | 486          | rVB      | 151802         | 151240        | 1.92%           | 0.414%        |
| 2         | 5.510       | 544           | 548         | 551          | rBV      | 2189298        | 1860147       | 23.62%          | 5.093%        |
| 3         | 6.516       | 715           | 719         | 723          | rBV      | 1506902        | 1238576       | 15.73%          | 3.391%        |
| 4         | 6.881       | 777           | 781         | 784          | rBV      | 1864770        | 1538218       | 19.53%          | 4.212%        |
| 5         | 7.451       | 872           | 878         | 881          | rBV      | 4450409        | 4657685       | 59.15%          | 12.752%       |
| 6         | 8.169       | 995           | 1000        | 1003         | rBV      | 2186748        | 2042765       | 25.94%          | 5.593%        |
| 7         | 9.245       | 1176          | 1183        | 1186         | rBV      | 8403148        | 7874451       | 100.00%         | 21.560%       |
| 8         | 9.922       | 1293          | 1298        | 1302         | rBV      | 2375552        | 2221166       | 28.21%          | 6.081%        |
| 9         | 10.716      | 1429          | 1433        | 1436         | rBV      | 3642718        | 3276076       | 41.60%          | 8.970%        |
| 10        | 11.416      | 1548          | 1552        | 1555         | rVB      | 2408054        | 1953647       | 24.81%          | 5.349%        |
| 11        | 11.792      | 1614          | 1616        | 1622         | rVB      | 143301         | 125707        | 1.60%           | 0.344%        |
| 12        | 11.933      | 1637          | 1640        | 1645         | rBV      | 152560         | 155813        | 1.98%           | 0.427%        |
| 13        | 13.004      | 1817          | 1822        | 1825         | rBV      | 6706880        | 6437747       | 81.75%          | 17.626%       |
| 14        | 13.898      | 1970          | 1974        | 1980         | rBV      | 294980         | 448857        | 5.70%           | 1.229%        |
| 15        | 14.057      | 1998          | 2001        | 2005         | rBV      | 1467925        | 1309090       | 16.62%          | 3.584%        |
| 16        | 15.551      | 2250          | 2255        | 2266         | rVB      | 1005659        | 1233031       | 15.66%          | 3.376%        |

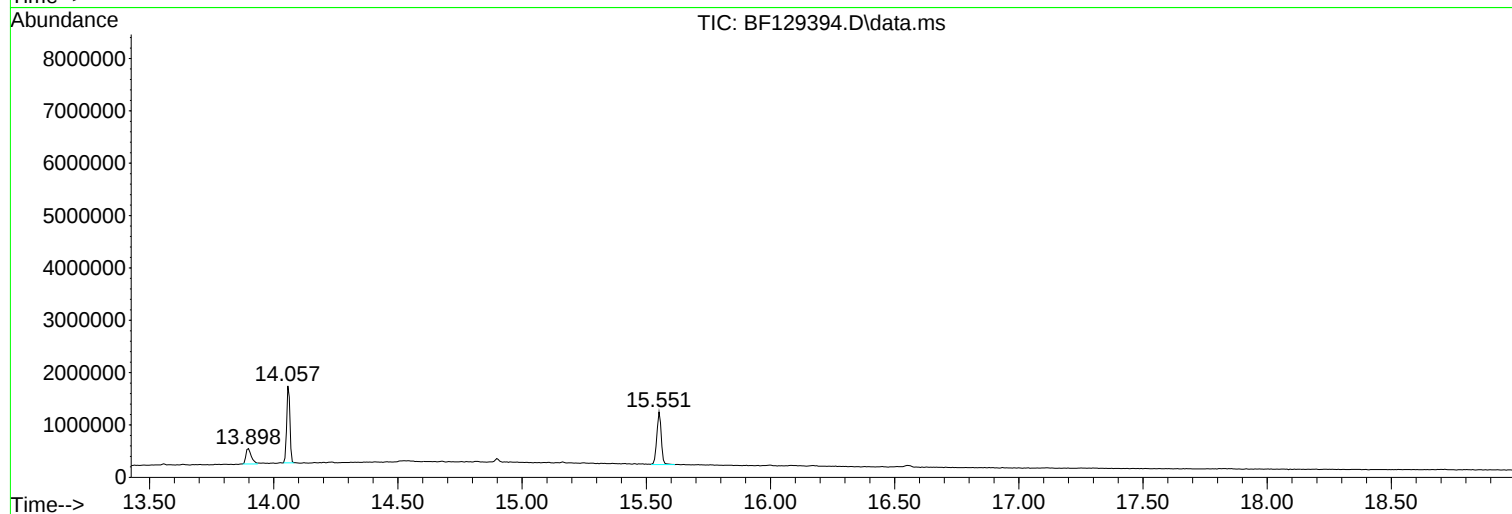
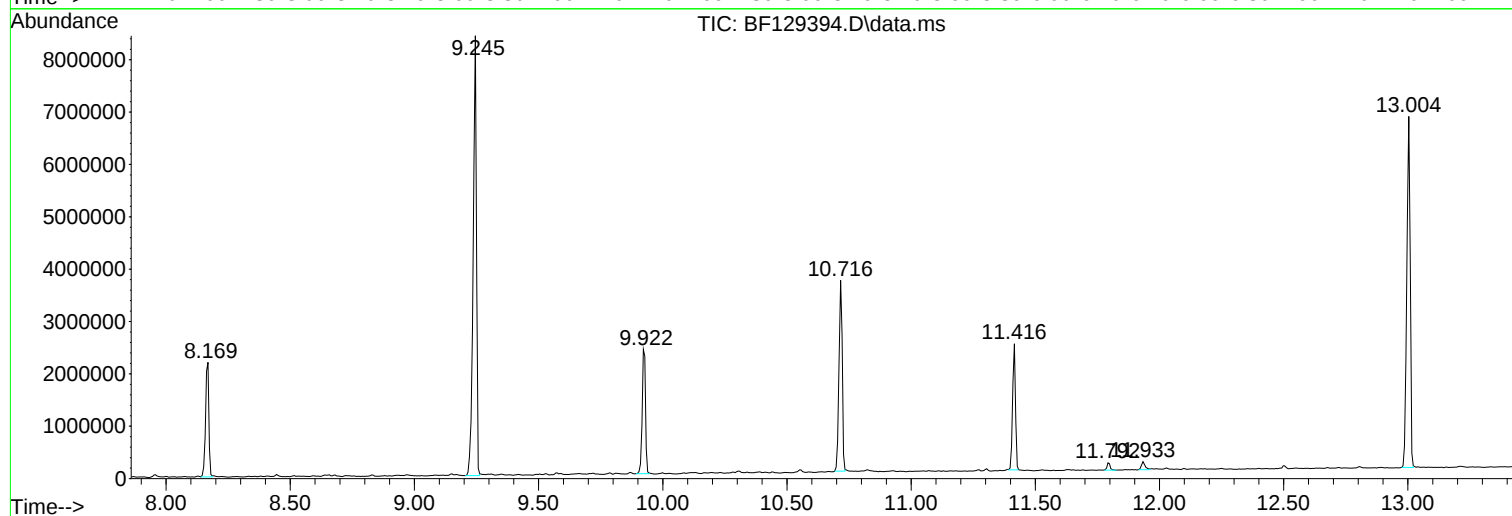
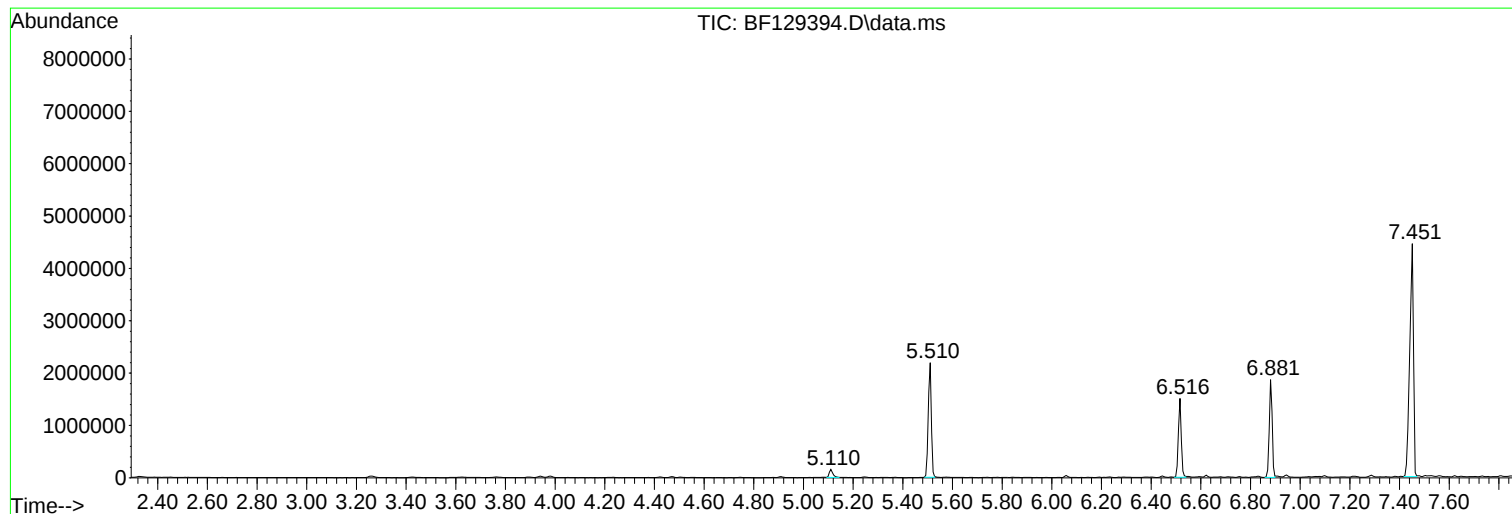
Sum of corrected areas: 36524216

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.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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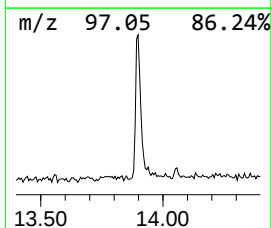
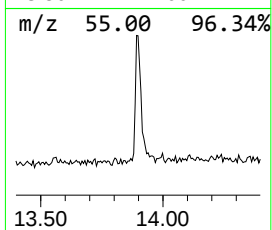
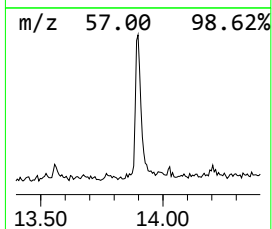
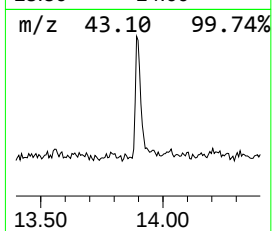
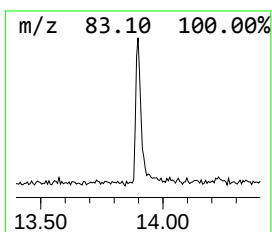
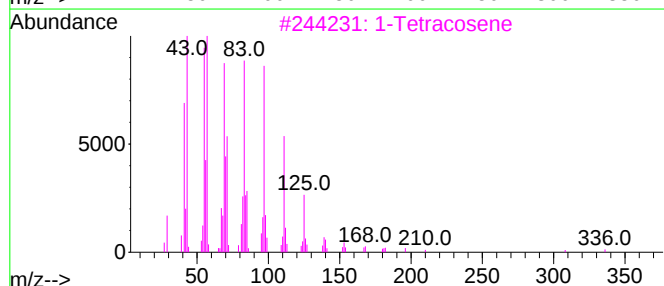
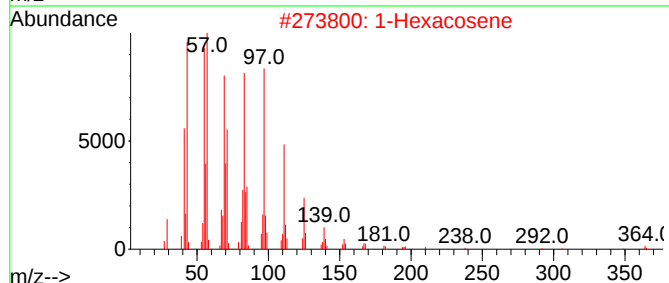
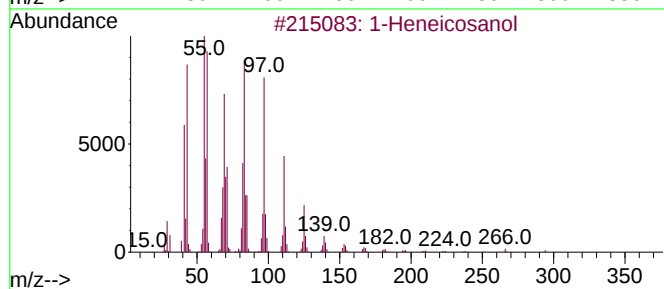
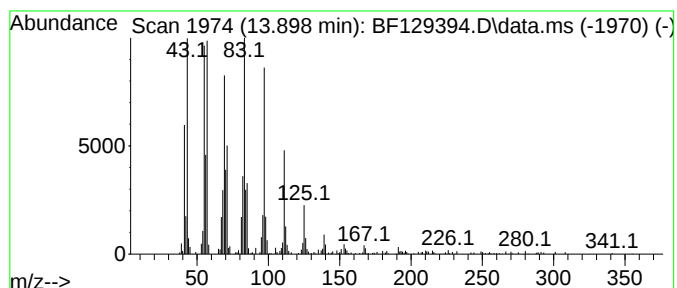
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Heneicosanol Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.898 | 6.86 ng | 448857 | Chrysene-d12     | 14.057 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------|-----|----------|-------------|------|
| 1    |    |   | 1-Heneicosanol       | 312 | C21H44O  | 015594-90-8 | 95   |
| 2    |    |   | 1-Hexacosene         | 364 | C26H52   | 018835-33-1 | 95   |
| 3    |    |   | 1-Tetracosene        | 336 | C24H48   | 010192-32-2 | 95   |
| 4    |    |   | n-Tetracosanol-1     | 354 | C24H50O  | 000506-51-4 | 94   |
| 5    |    |   | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1-Heneicosanol   | 13.898 | 6.9     | ng    | 448857   | 5                     | 14.057 | 1309090 | 20.0 |