

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020223\  
 Data File : BP013724.D  
 Acq On : 02 Feb 2023 23:29  
 Operator : CG/JU  
 Sample : 01314-19  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A44L1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\_P\Methods\SFAM-EPA-BP020123.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP013724.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         | 3.446       | 39            | 44          | 47           | rBV      | 134156         | 193979        | 1.65%           | 0.213%        |
| 2         | 3.476       | 47            | 49          | 63           | rVB      | 63154          | 100889        | 0.86%           | 0.111%        |
| 3         | 3.787       | 96            | 102         | 107          | rBV8     | 8264           | 18792         | 0.16%           | 0.021%        |
| 4         | 3.917       | 121           | 124         | 140          | rBV      | 214087         | 374249        | 3.18%           | 0.410%        |
| 5         | 4.146       | 158           | 163         | 170          | rVB      | 23954          | 39396         | 0.33%           | 0.043%        |
| 6         | 4.246       | 176           | 180         | 187          | rVB      | 15801          | 27062         | 0.23%           | 0.030%        |
| 7         | 5.199       | 338           | 342         | 347          | rBV3     | 12557          | 18192         | 0.15%           | 0.020%        |
| 8         | 5.411       | 371           | 378         | 383          | rVB5     | 7776           | 14682         | 0.12%           | 0.016%        |
| 9         | 7.275       | 689           | 695         | 707          | rVB      | 184276         | 319293        | 2.71%           | 0.350%        |
| 10        | 7.452       | 716           | 725         | 740          | rBV      | 969970         | 1552615       | 13.18%          | 1.703%        |
| 11        | 7.658       | 753           | 760         | 771          | rBV      | 798208         | 1301039       | 11.05%          | 1.427%        |
| 12        | 8.016       | 815           | 821         | 829          | rVB4     | 14057          | 27832         | 0.24%           | 0.031%        |
| 13        | 8.134       | 833           | 841         | 856          | rVV      | 887339         | 1465495       | 12.44%          | 1.607%        |
| 14        | 8.493       | 896           | 902         | 907          | rBV      | 21720          | 39888         | 0.34%           | 0.044%        |
| 15        | 8.834       | 954           | 960         | 974          | rBV      | 635129         | 1078534       | 9.16%           | 1.183%        |
| 16        | 9.305       | 1030          | 1040        | 1061         | rBV      | 1030227        | 1771461       | 15.04%          | 1.943%        |
| 17        | 9.705       | 1103          | 1108        | 1113         | rVV3     | 11795          | 17681         | 0.15%           | 0.019%        |
| 18        | 9.975       | 1146          | 1154        | 1157         | rBV6     | 7332           | 13566         | 0.12%           | 0.015%        |
| 19        | 10.034      | 1157          | 1164        | 1180         | rVB      | 811873         | 1333443       | 11.32%          | 1.462%        |
| 20        | 10.575      | 1246          | 1256        | 1272         | rBV      | 1363079        | 2389625       | 20.29%          | 2.621%        |
| 21        | 10.822      | 1292          | 1298        | 1303         | rBV2     | 24277          | 41272         | 0.35%           | 0.045%        |
| 22        | 10.963      | 1312          | 1322        | 1332         | rBV      | 1341227        | 2322207       | 19.72%          | 2.547%        |
| 23        | 11.093      | 1335          | 1344        | 1360         | rBV      | 1272648        | 2255982       | 19.15%          | 2.474%        |
| 24        | 12.534      | 1584          | 1589        | 1596         | rBV      | 27625          | 48455         | 0.41%           | 0.053%        |
| 25        | 12.981      | 1661          | 1665        | 1671         | rBV9     | 7717           | 12825         | 0.11%           | 0.014%        |
| 26        | 14.169      | 1860          | 1867        | 1881         | rBV      | 3285004        | 4596858       | 39.03%          | 5.041%        |
| 27        | 14.287      | 1884          | 1887        | 1894         | rVB9     | 9629           | 16972         | 0.14%           | 0.019%        |
| 28        | 14.463      | 1910          | 1917        | 1936         | rBV      | 3747191        | 5418706       | 46.01%          | 5.942%        |
| 29        | 14.769      | 1962          | 1969        | 1979         | rBV      | 2516947        | 3730172       | 31.67%          | 4.091%        |
| 30        | 14.951      | 1994          | 2000        | 2013         | rBV      | 120347         | 249140        | 2.12%           | 0.273%        |
| 31        | 15.163      | 2032          | 2036        | 2041         | rVB7     | 10072          | 17735         | 0.15%           | 0.019%        |
| 32        | 15.757      | 2130          | 2137        | 2150         | rBV      | 4966401        | 7466635       | 63.39%          | 8.188%        |
| 33        | 15.869      | 2150          | 2156        | 2169         | rVV      | 1223284        | 1634636       | 13.88%          | 1.793%        |
| 34        | 15.998      | 2174          | 2178        | 2185         | rVB2     | 24250          | 39956         | 0.34%           | 0.044%        |
| 35        | 16.122      | 2194          | 2199        | 2210         | rVB      | 164459         | 225792        | 1.92%           | 0.248%        |
| 36        | 16.457      | 2248          | 2256        | 2264         | rBV2     | 21398          | 46159         | 0.39%           | 0.051%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\_P\Methods\SFAM-EPA-BP020123.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 16.540 | 2267 | 2270 | 2276 | rVB8 | 7004    | 13778    | 0.12%   | 0.015%  |
| 38 | 17.263 | 2390 | 2393 | 2396 | rBV5 | 10948   | 14312    | 0.12%   | 0.016%  |
| 39 | 17.310 | 2398 | 2401 | 2406 | rVB2 | 10891   | 14073    | 0.12%   | 0.015%  |
| 40 | 17.522 | 2430 | 2437 | 2447 | rBV  | 3530676 | 4974186  | 42.23%  | 5.455%  |
| 41 | 17.622 | 2447 | 2454 | 2473 | rVV  | 6286088 | 8910523  | 75.65%  | 9.772%  |
| 42 | 18.375 | 2577 | 2582 | 2591 | rBV  | 280548  | 394324   | 3.35%   | 0.432%  |
| 43 | 18.451 | 2592 | 2595 | 2599 | rVB  | 32482   | 41600    | 0.35%   | 0.046%  |
| 44 | 19.416 | 2755 | 2759 | 2764 | rBV  | 95945   | 133396   | 1.13%   | 0.146%  |
| 45 | 19.486 | 2767 | 2771 | 2774 | rVV  | 86905   | 116807   | 0.99%   | 0.128%  |
| 46 | 19.598 | 2786 | 2790 | 2794 | rBV2 | 103844  | 136459   | 1.16%   | 0.150%  |
| 47 | 19.839 | 2825 | 2831 | 2843 | rBV  | 8479536 | 11439726 | 97.13%  | 12.546% |
| 48 | 21.275 | 3071 | 3075 | 3083 | rBV  | 595723  | 892598   | 7.58%   | 0.979%  |
| 49 | 21.480 | 3108 | 3110 | 3116 | rVB  | 194249  | 222822   | 1.89%   | 0.244%  |
| 50 | 21.598 | 3125 | 3130 | 3138 | rBV  | 4149341 | 5917593  | 50.24%  | 6.490%  |
| 51 | 24.010 | 3532 | 3540 | 3552 | rVB2 | 5579051 | 11778335 | 100.00% | 12.917% |
| 52 | 24.174 | 3561 | 3568 | 3583 | rVB2 | 2692611 | 5963914  | 50.63%  | 6.540%  |

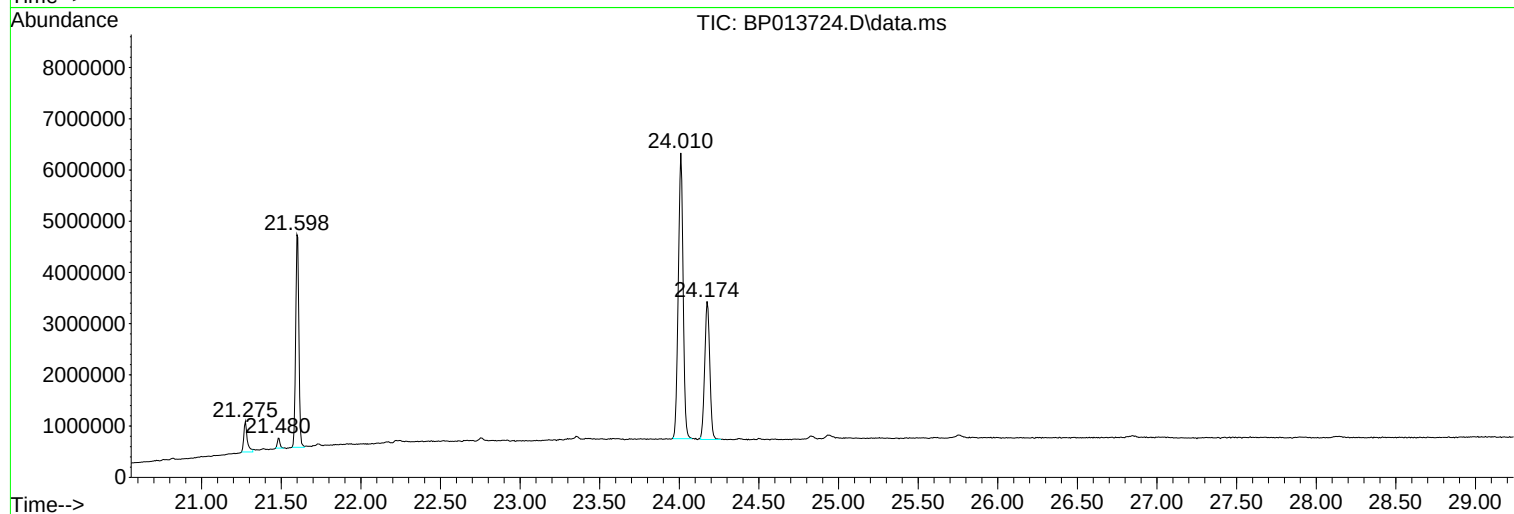
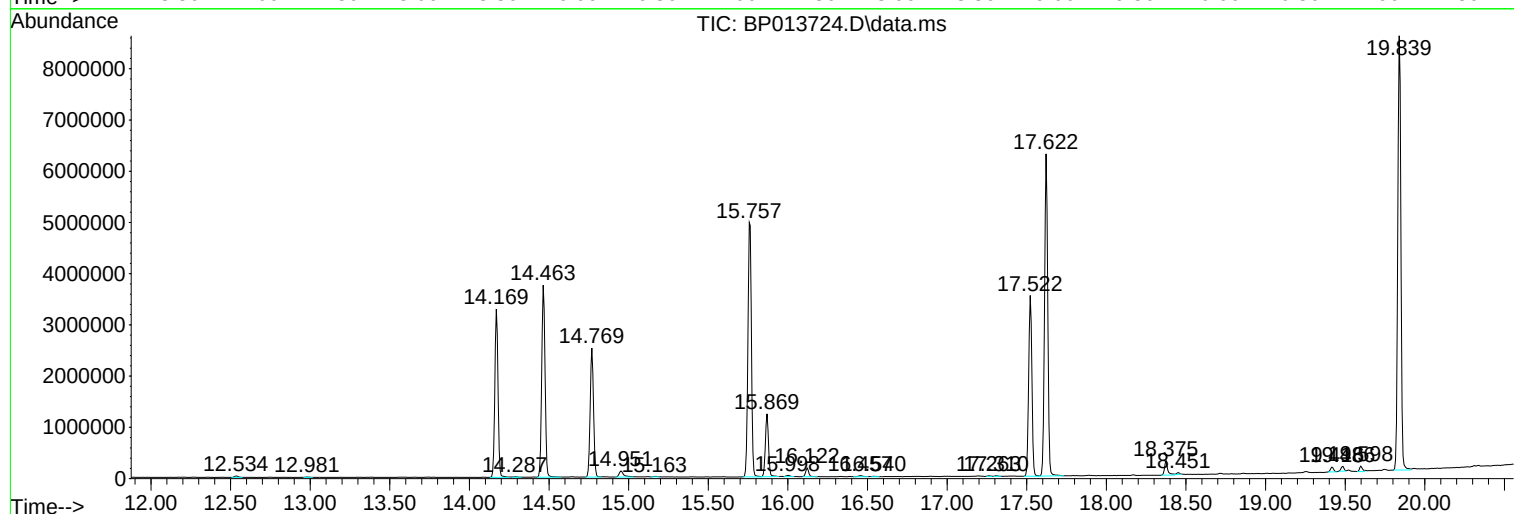
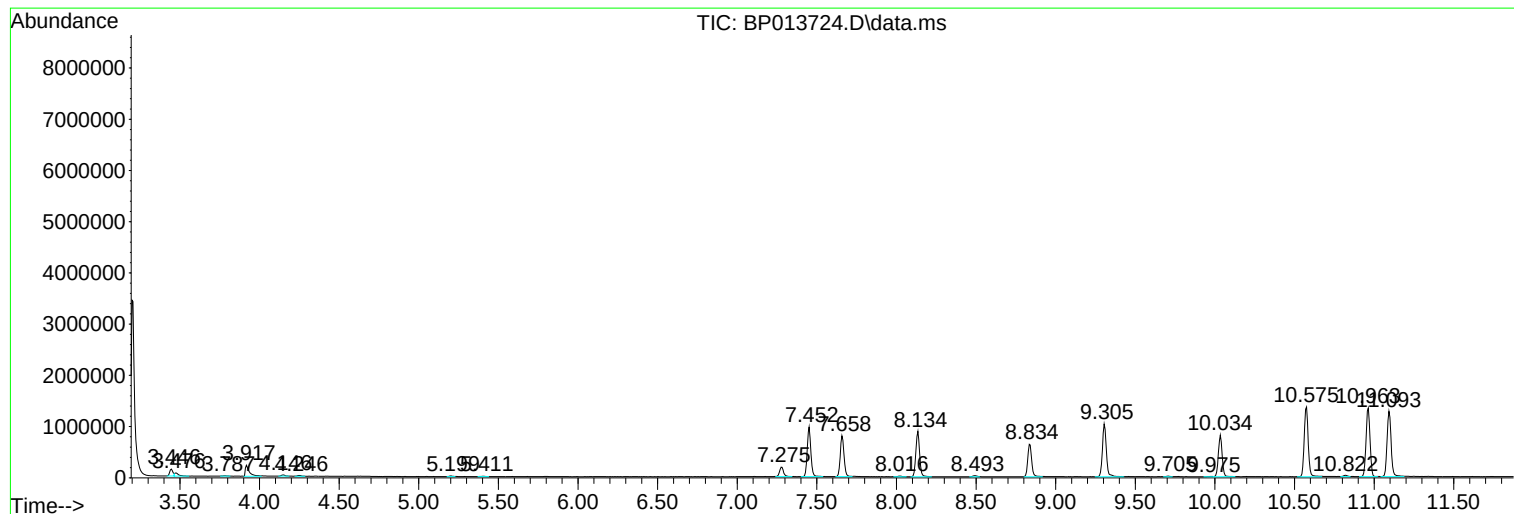
Sum of corrected areas: 91185661

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP020123.M  
Quant Title : SVOA CALIBRATION

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



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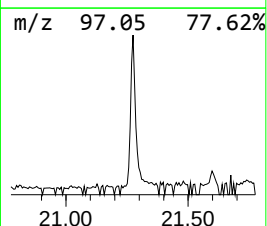
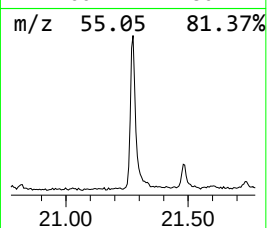
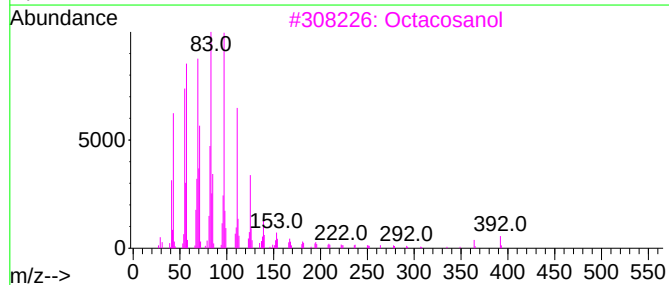
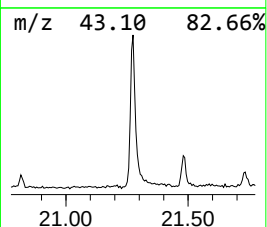
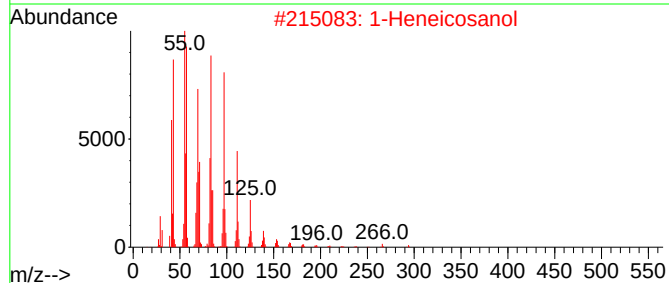
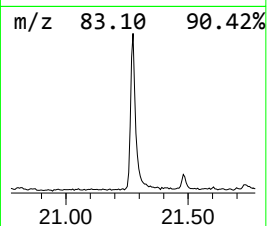
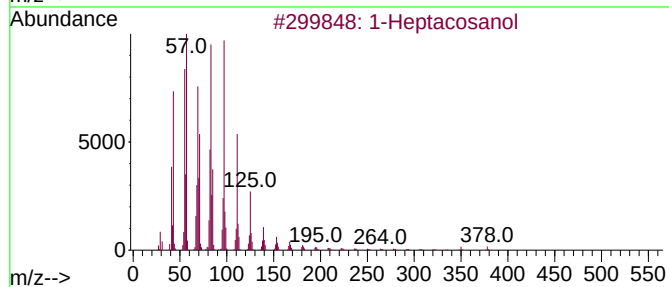
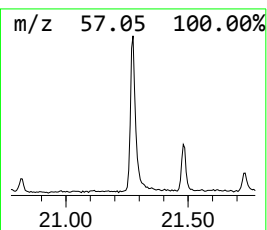
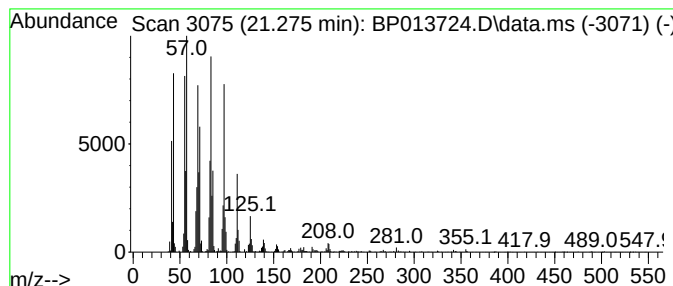
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP020123.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 1-Heptacosanol Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.275 | 3.02 ng/ul | 892598 | Chrysene-d12     | 21.598 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Heptacosanol   | 396 | C27H56O | 002004-39-9 | 94   |
| 2    |    |   | 1-Heneicosanol   | 312 | C21H44O | 015594-90-8 | 93   |
| 3    |    |   | Octacosanol      | 410 | C28H58O | 000557-61-9 | 91   |
| 4    |    |   | 1-Hexacosanol    | 382 | C26H54O | 000506-52-5 | 91   |
| 5    |    |   | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91   |



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TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1-Heptacosanol   | 21.275 | 3.0     | ng/u1 | 892598   | 5                     | 21.598 | 5917590 | 20.0 |