

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\  
 Data File : BN012323.D  
 Acq On : 18 Oct 2020 10:34  
 Operator : CG/JU  
 Sample : L4286-09  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AQ9

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN101720.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 3.140       | 24            | 26          | 36           | rVB      | 62854          | 80490         | 1.20%           | 0.134%        |
| 2         | 3.764       | 127           | 132         | 135          | rBV7     | 4059           | 7892          | 0.12%           | 0.013%        |
| 3         | 3.852       | 143           | 147         | 153          | rBV2     | 12571          | 23622         | 0.35%           | 0.039%        |
| 4         | 4.075       | 180           | 185         | 189          | rBV3     | 11077          | 16076         | 0.24%           | 0.027%        |
| 5         | 4.475       | 249           | 253         | 256          | rVB6     | 6325           | 6802          | 0.10%           | 0.011%        |
| 6         | 6.775       | 636           | 644         | 654          | rBV      | 224914         | 386348        | 5.78%           | 0.642%        |
| 7         | 6.940       | 666           | 672         | 686          | rBV      | 734830         | 1143788       | 17.10%          | 1.901%        |
| 8         | 7.134       | 698           | 705         | 716          | rVV      | 865047         | 1345956       | 20.12%          | 2.236%        |
| 9         | 7.599       | 777           | 784         | 792          | rBV      | 895416         | 1421400       | 21.25%          | 2.362%        |
| 10        | 7.699       | 799           | 801         | 807          | rVB5     | 5030           | 7075          | 0.11%           | 0.012%        |
| 11        | 8.299       | 897           | 903         | 915          | rBV      | 627585         | 1010991       | 15.11%          | 1.680%        |
| 12        | 8.746       | 971           | 979         | 990          | rBV      | 1012077        | 1596396       | 23.86%          | 2.653%        |
| 13        | 9.163       | 1047          | 1050        | 1056         | rVB3     | 13400          | 20319         | 0.30%           | 0.034%        |
| 14        | 9.463       | 1094          | 1101        | 1112         | rBV      | 857295         | 1423545       | 21.28%          | 2.365%        |
| 15        | 9.993       | 1183          | 1191        | 1205         | rBV      | 1241282        | 2046035       | 30.58%          | 3.400%        |
| 16        | 10.369      | 1247          | 1255        | 1263         | rBV      | 1253849        | 2056186       | 30.74%          | 3.417%        |
| 17        | 10.516      | 1272          | 1280        | 1288         | rBV2     | 55713          | 112494        | 1.68%           | 0.187%        |
| 18        | 11.651      | 1468          | 1473        | 1478         | rBV4     | 6334           | 10456         | 0.16%           | 0.017%        |
| 19        | 11.963      | 1520          | 1526        | 1532         | rBV3     | 13916          | 27949         | 0.42%           | 0.046%        |
| 20        | 12.846      | 1671          | 1676        | 1681         | rBV6     | 5669           | 9029          | 0.13%           | 0.015%        |
| 21        | 13.069      | 1711          | 1714        | 1720         | rVB5     | 6138           | 9879          | 0.15%           | 0.016%        |
| 22        | 13.140      | 1720          | 1726        | 1730         | rBV7     | 9258           | 14541         | 0.22%           | 0.024%        |
| 23        | 13.657      | 1807          | 1814        | 1819         | rBV      | 2550348        | 3385453       | 50.61%          | 5.625%        |
| 24        | 13.704      | 1819          | 1822        | 1833         | rVB      | 137929         | 179867        | 2.69%           | 0.299%        |
| 25        | 13.928      | 1851          | 1860        | 1874         | rBV      | 2702816        | 3825519       | 57.18%          | 6.357%        |
| 26        | 14.151      | 1895          | 1898        | 1902         | rVB4     | 6843           | 8243          | 0.12%           | 0.014%        |
| 27        | 14.240      | 1906          | 1913        | 1925         | rBV      | 1917472        | 2781043       | 41.57%          | 4.621%        |
| 28        | 14.451      | 1943          | 1949        | 1959         | rBV      | 174957         | 312300        | 4.67%           | 0.519%        |
| 29        | 14.663      | 1983          | 1985        | 1991         | rVB6     | 4877           | 8241          | 0.12%           | 0.014%        |
| 30        | 15.234      | 2076          | 2082        | 2092         | rBV      | 3352776        | 4842204       | 72.38%          | 8.046%        |
| 31        | 15.363      | 2098          | 2104        | 2118         | rBV      | 1384581        | 1843423       | 27.56%          | 3.063%        |
| 32        | 15.475      | 2118          | 2123        | 2128         | rVB2     | 42014          | 59536         | 0.89%           | 0.099%        |
| 33        | 15.969      | 2205          | 2207        | 2212         | rVV5     | 5561           | 7259          | 0.11%           | 0.012%        |
| 34        | 16.022      | 2212          | 2216        | 2220         | rVB6     | 13011          | 21569         | 0.32%           | 0.036%        |

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|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 16.139 | 2232 | 2236 | 2240 | rBV6 | 7907    | 8533    | 0.13%   | 0.014%  |
| 36 | 16.663 | 2323 | 2325 | 2329 | rVB5 | 6896    | 8247    | 0.12%   | 0.014%  |
| 37 | 16.763 | 2337 | 2342 | 2349 | rBV6 | 23019   | 41501   | 0.62%   | 0.069%  |
| 38 | 16.869 | 2355 | 2360 | 2366 | rVB7 | 9760    | 14814   | 0.22%   | 0.025%  |
| 39 | 16.986 | 2373 | 2380 | 2387 | rBV  | 2375315 | 3206077 | 47.93%  | 5.327%  |
| 40 | 17.045 | 2387 | 2390 | 2391 | rVV3 | 18366   | 19876   | 0.30%   | 0.033%  |
| 41 | 17.086 | 2391 | 2397 | 2410 | rVB  | 3978882 | 5437481 | 81.28%  | 9.035%  |
| 42 | 17.298 | 2430 | 2433 | 2438 | rVB6 | 8913    | 14077   | 0.21%   | 0.023%  |
| 43 | 17.363 | 2441 | 2444 | 2447 | rBV5 | 9521    | 12966   | 0.19%   | 0.022%  |
| 44 | 17.892 | 2529 | 2534 | 2539 | rBV2 | 136443  | 186150  | 2.78%   | 0.309%  |
| 45 | 18.216 | 2586 | 2589 | 2594 | rBV6 | 18630   | 29133   | 0.44%   | 0.048%  |
| 46 | 18.516 | 2638 | 2640 | 2643 | rBV4 | 9262    | 7949    | 0.12%   | 0.013%  |
| 47 | 18.563 | 2643 | 2648 | 2651 | rBV7 | 8444    | 13962   | 0.21%   | 0.023%  |
| 48 | 19.022 | 2722 | 2726 | 2732 | rBV  | 40734   | 65170   | 0.97%   | 0.108%  |
| 49 | 19.180 | 2750 | 2753 | 2757 | rBV6 | 30419   | 38287   | 0.57%   | 0.064%  |
| 50 | 19.275 | 2765 | 2769 | 2774 | rVB  | 44111   | 55662   | 0.83%   | 0.092%  |
| 51 | 19.386 | 2782 | 2788 | 2795 | rBV  | 4725826 | 6422150 | 96.00%  | 10.671% |
| 52 | 19.445 | 2795 | 2798 | 2802 | rVB3 | 28364   | 39197   | 0.59%   | 0.065%  |
| 53 | 20.910 | 3043 | 3047 | 3054 | rBV  | 588142  | 787382  | 11.77%  | 1.308%  |
| 54 | 21.186 | 3089 | 3094 | 3099 | rBV  | 2694333 | 3477096 | 51.98%  | 5.778%  |
| 55 | 23.227 | 3434 | 3441 | 3451 | rVB  | 3627141 | 6689773 | 100.00% | 11.116% |
| 56 | 23.363 | 3458 | 3464 | 3471 | rVB2 | 1985566 | 3554902 | 53.14%  | 5.907%  |

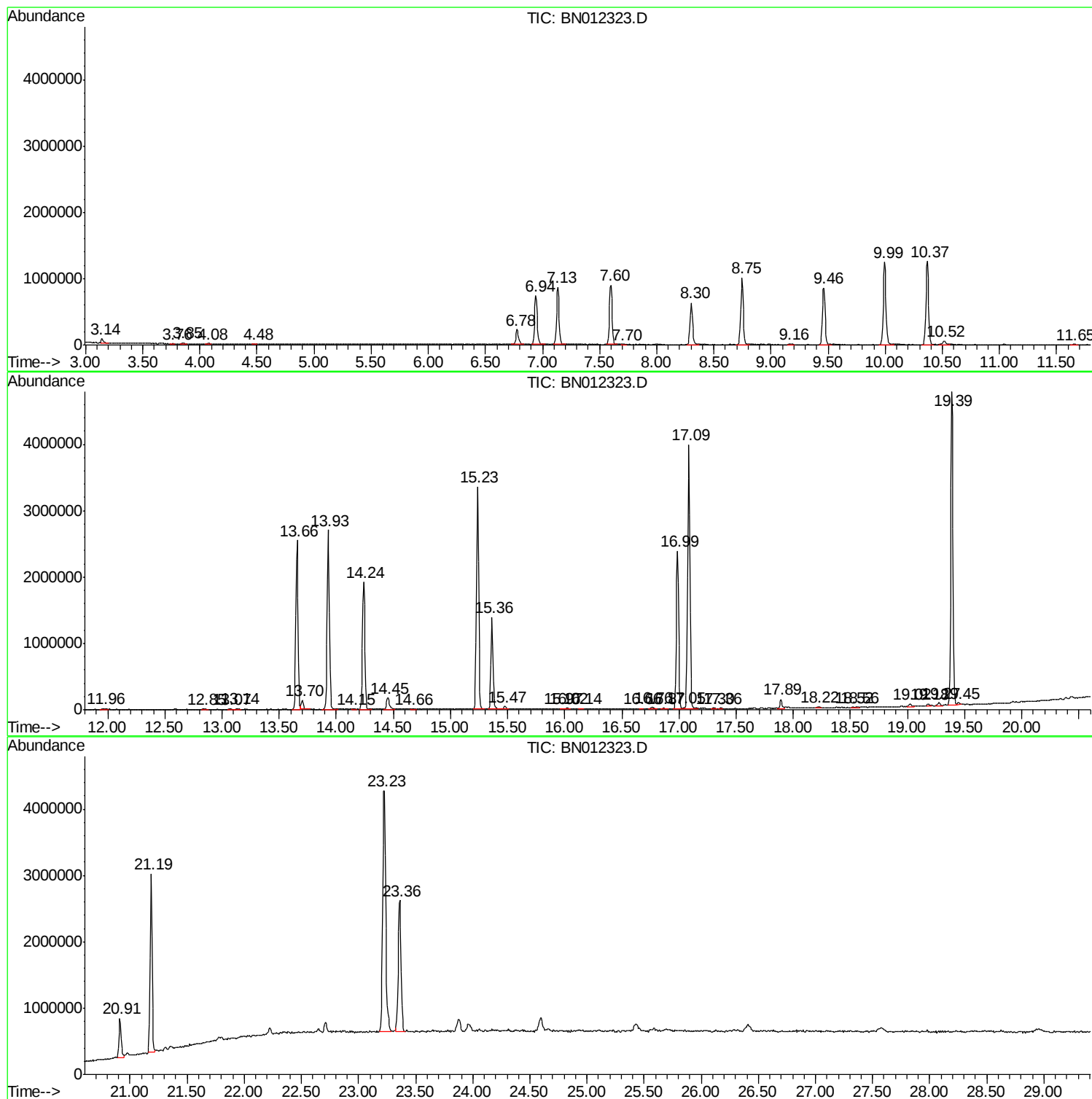
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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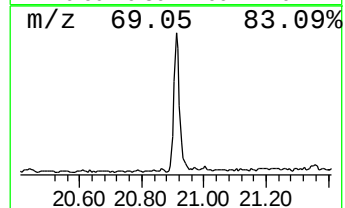
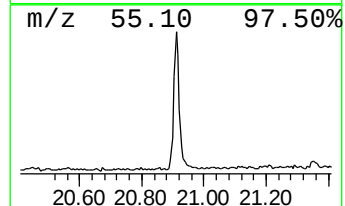
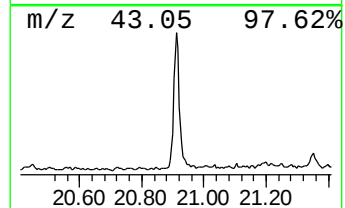
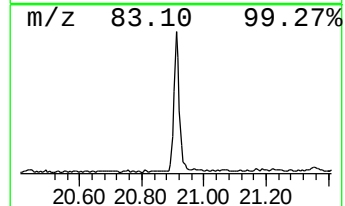
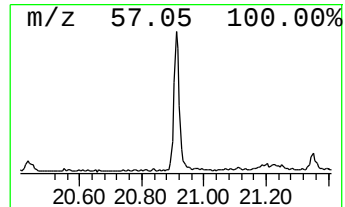
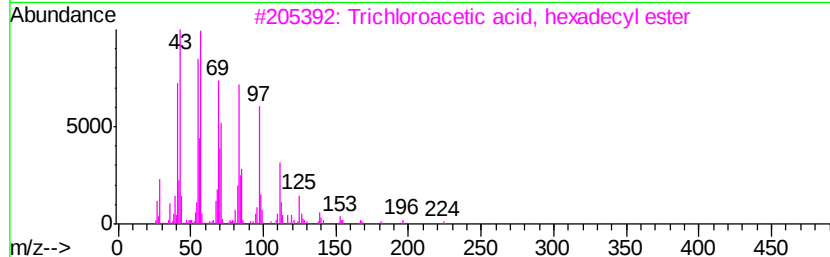
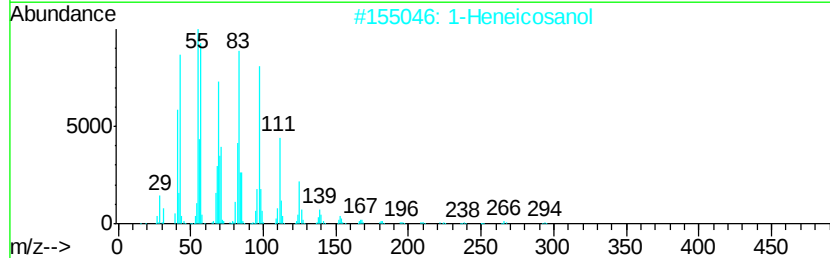
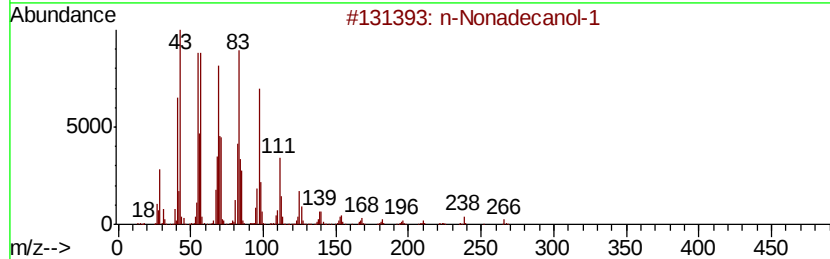
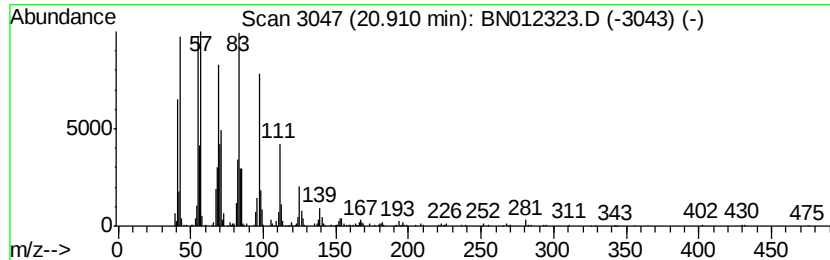
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Peak Number 1 n-Nonadecanol-1 Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.91 | 4.53 ng/ul | 787382 | Chrysene-d12     | 21.19 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8 | 95   |
| 2    |    | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8 | 95   |
| 3    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 4    |    | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8 | 94   |
| 5    |    | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2  | 959010-23-2 | 93   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| n-Nonadecanol-1  | 20.91 | 4.5     | ng/ul | 787382   | 5                     | 21.19 | 3477100 | 20.0 |