

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\  
 Data File : BN012324.D  
 Acq On : 18 Oct 2020 11:10  
 Operator : CG/JU  
 Sample : L4286-14  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AW2

## 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       | 22            | 26          | 36           | rBV      | 69605          | 108566        | 1.36%           | 0.155%        |
| 2         | 3.652       | 110           | 113         | 116          | rVB4     | 6471           | 8197          | 0.10%           | 0.012%        |
| 3         | 3.852       | 143           | 147         | 151          | rBV2     | 17354          | 24879         | 0.31%           | 0.035%        |
| 4         | 4.069       | 182           | 184         | 188          | rBV4     | 6257           | 9131          | 0.11%           | 0.013%        |
| 5         | 6.775       | 635           | 644         | 656          | rBV      | 256840         | 433835        | 5.44%           | 0.618%        |
| 6         | 6.940       | 666           | 672         | 684          | rBV      | 843117         | 1284728       | 16.11%          | 1.829%        |
| 7         | 7.134       | 698           | 705         | 715          | rBV      | 976852         | 1499662       | 18.81%          | 2.135%        |
| 8         | 7.399       | 746           | 750         | 752          | rBV4     | 7106           | 9031          | 0.11%           | 0.013%        |
| 9         | 7.599       | 776           | 784         | 793          | rBV      | 1011335        | 1599824       | 20.06%          | 2.277%        |
| 10        | 8.304       | 895           | 904         | 914          | rBV      | 715968         | 1169370       | 14.66%          | 1.664%        |
| 11        | 8.746       | 971           | 979         | 990          | rBV      | 1152053        | 1805561       | 22.64%          | 2.570%        |
| 12        | 9.163       | 1046          | 1050        | 1055         | rVB2     | 13194          | 20891         | 0.26%           | 0.030%        |
| 13        | 9.463       | 1094          | 1101        | 1114         | rBV      | 973139         | 1592096       | 19.96%          | 2.266%        |
| 14        | 9.993       | 1182          | 1191        | 1205         | rBV      | 1399949        | 2323782       | 29.14%          | 3.308%        |
| 15        | 10.369      | 1247          | 1255        | 1263         | rBV      | 1468441        | 2333416       | 29.26%          | 3.321%        |
| 16        | 10.510      | 1273          | 1279        | 1287         | rBV2     | 61281          | 127933        | 1.60%           | 0.182%        |
| 17        | 11.657      | 1468          | 1474        | 1478         | rBV2     | 12491          | 18924         | 0.24%           | 0.027%        |
| 18        | 11.963      | 1520          | 1526        | 1533         | rBV3     | 15237          | 29503         | 0.37%           | 0.042%        |
| 19        | 12.587      | 1629          | 1632        | 1637         | rVB6     | 5604           | 8376          | 0.11%           | 0.012%        |
| 20        | 12.839      | 1671          | 1675        | 1680         | rVB5     | 8220           | 11968         | 0.15%           | 0.017%        |
| 21        | 13.063      | 1708          | 1713        | 1717         | rBV3     | 5226           | 8753          | 0.11%           | 0.012%        |
| 22        | 13.139      | 1720          | 1726        | 1732         | rVB5     | 7201           | 11529         | 0.14%           | 0.016%        |
| 23        | 13.657      | 1807          | 1814        | 1819         | rBV      | 2901560        | 3896204       | 48.86%          | 5.546%        |
| 24        | 13.704      | 1819          | 1822        | 1829         | rVB      | 126452         | 164631        | 2.06%           | 0.234%        |
| 25        | 13.928      | 1852          | 1860        | 1872         | rBV      | 3112295        | 4460655       | 55.94%          | 6.349%        |
| 26        | 14.239      | 1906          | 1913        | 1920         | rBV2     | 2218662        | 3157963       | 39.60%          | 4.495%        |
| 27        | 14.375      | 1932          | 1936        | 1939         | rVB3     | 7468           | 12400         | 0.16%           | 0.018%        |
| 28        | 14.451      | 1941          | 1949        | 1958         | rBV      | 215111         | 377230        | 4.73%           | 0.537%        |
| 29        | 14.669      | 1981          | 1986        | 1990         | rVB5     | 5333           | 8329          | 0.10%           | 0.012%        |
| 30        | 15.239      | 2076          | 2083        | 2096         | rVB      | 3878244        | 5542519       | 69.50%          | 7.889%        |
| 31        | 15.363      | 2098          | 2104        | 2114         | rBV      | 1625667        | 2155964       | 27.04%          | 3.069%        |
| 32        | 15.475      | 2119          | 2123        | 2129         | rVB      | 49064          | 66871         | 0.84%           | 0.095%        |
| 33        | 15.969      | 2206          | 2207        | 2212         | rVB5     | 7294           | 8387          | 0.11%           | 0.012%        |
| 34        | 16.022      | 2212          | 2216        | 2219         | rBV5     | 16476          | 25801         | 0.32%           | 0.037%        |

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Filtering: 5  
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 Peak Location: TOP

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

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|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 35 | 16.280 | 2257 | 2260 | 2263 | rBV5  | 5194    | 9511    | 0.12%   | 0.014%  |
| 36 | 16.669 | 2321 | 2326 | 2329 | rBV7  | 7824    | 11027   | 0.14%   | 0.016%  |
| 37 | 16.769 | 2338 | 2343 | 2349 | rVB7  | 18686   | 32347   | 0.41%   | 0.046%  |
| 38 | 16.863 | 2356 | 2359 | 2362 | rVB6  | 7650    | 9030    | 0.11%   | 0.013%  |
| 39 | 16.986 | 2374 | 2380 | 2386 | rBV   | 2766020 | 3697786 | 46.37%  | 5.263%  |
| 40 | 17.086 | 2391 | 2397 | 2408 | rVB   | 4538147 | 6322161 | 79.28%  | 8.999%  |
| 41 | 17.310 | 2431 | 2435 | 2439 | rVB5  | 13748   | 18848   | 0.24%   | 0.027%  |
| 42 | 17.369 | 2441 | 2445 | 2452 | rVB10 | 6586    | 11864   | 0.15%   | 0.017%  |
| 43 | 17.892 | 2530 | 2534 | 2539 | rBV   | 229156  | 305479  | 3.83%   | 0.435%  |
| 44 | 18.222 | 2586 | 2590 | 2591 | rVV3  | 10275   | 12039   | 0.15%   | 0.017%  |
| 45 | 19.022 | 2722 | 2726 | 2730 | rBV   | 57473   | 72944   | 0.91%   | 0.104%  |
| 46 | 19.180 | 2749 | 2753 | 2761 | rBV8  | 67414   | 106939  | 1.34%   | 0.152%  |
| 47 | 19.274 | 2765 | 2769 | 2775 | rVV3  | 49217   | 76560   | 0.96%   | 0.109%  |
| 48 | 19.339 | 2777 | 2780 | 2782 | rBV3  | 15563   | 18630   | 0.23%   | 0.027%  |
| 49 | 19.386 | 2782 | 2788 | 2795 | rVV   | 5488722 | 7524837 | 94.36%  | 10.711% |
| 50 | 19.445 | 2795 | 2798 | 2805 | rVB4  | 33067   | 54066   | 0.68%   | 0.077%  |
| 51 | 19.921 | 2876 | 2879 | 2883 | rBV5  | 31973   | 44939   | 0.56%   | 0.064%  |
| 52 | 20.910 | 3043 | 3047 | 3054 | rBV   | 1058655 | 1355562 | 17.00%  | 1.929%  |
| 53 | 21.186 | 3089 | 3094 | 3100 | rBV   | 3285477 | 4082252 | 51.19%  | 5.811%  |
| 54 | 23.227 | 3434 | 3441 | 3451 | rVB   | 4461809 | 7974625 | 100.00% | 11.351% |
| 55 | 23.362 | 3458 | 3464 | 3474 | rVB2  | 2337839 | 4197559 | 52.64%  | 5.975%  |

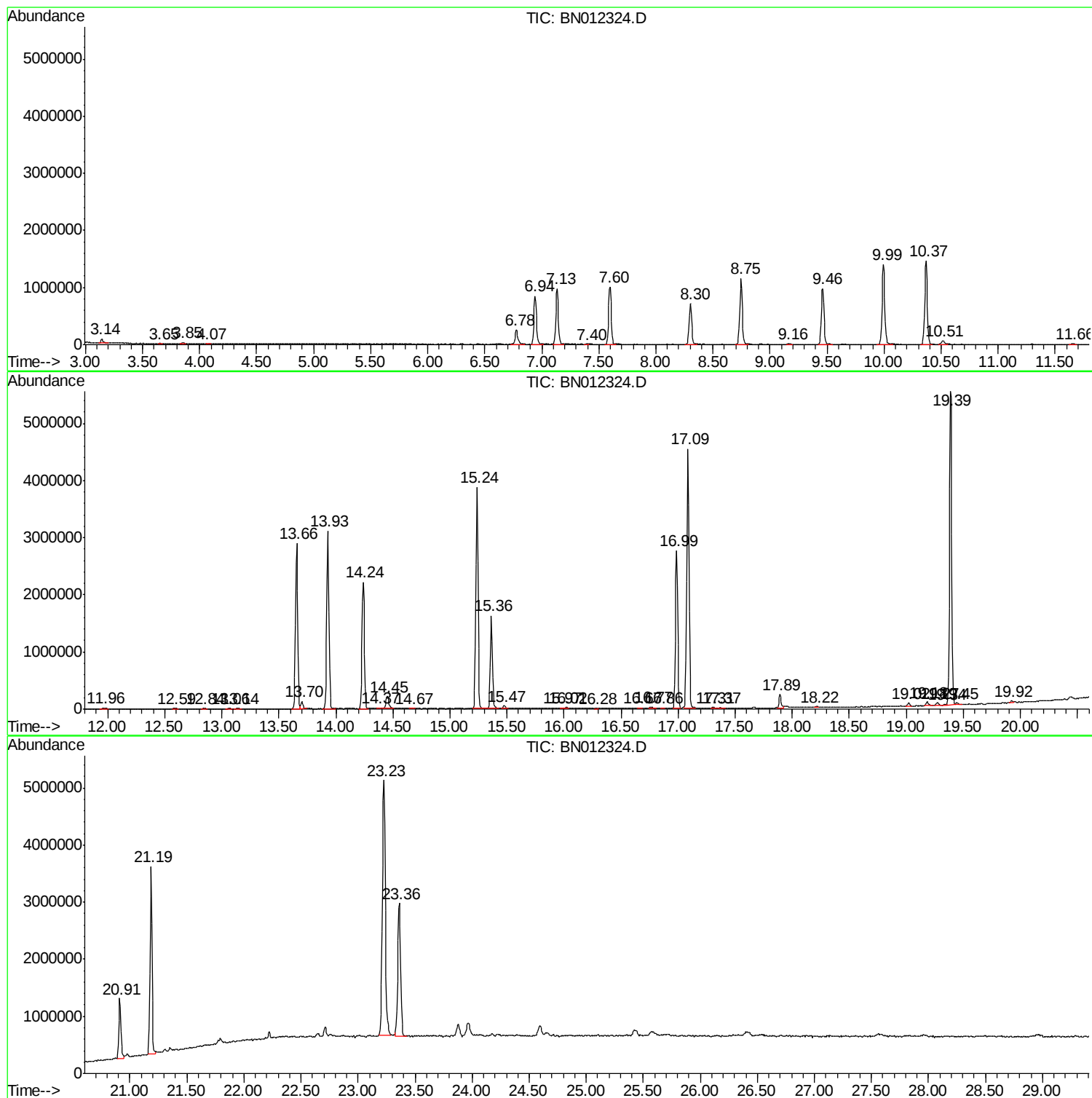
Sum of corrected areas: 70255914

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

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



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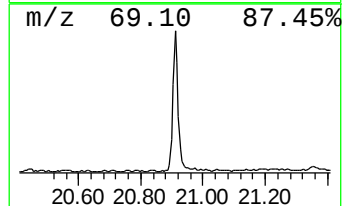
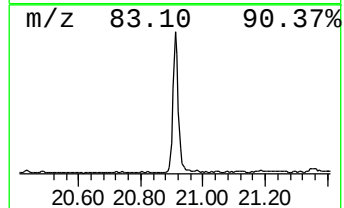
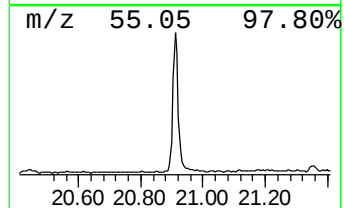
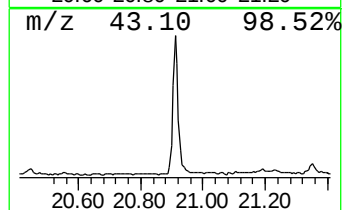
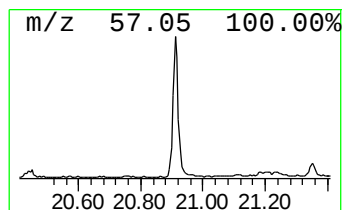
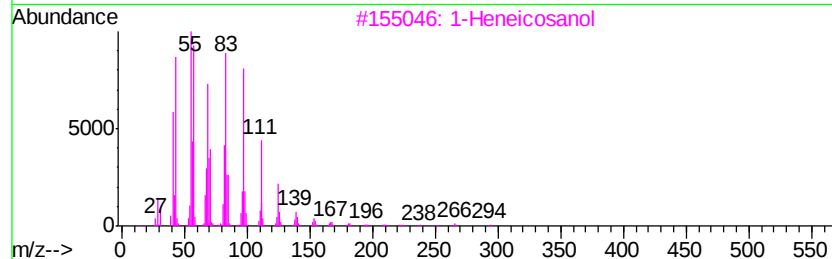
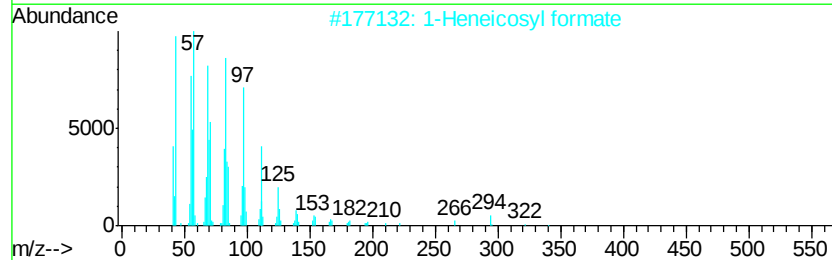
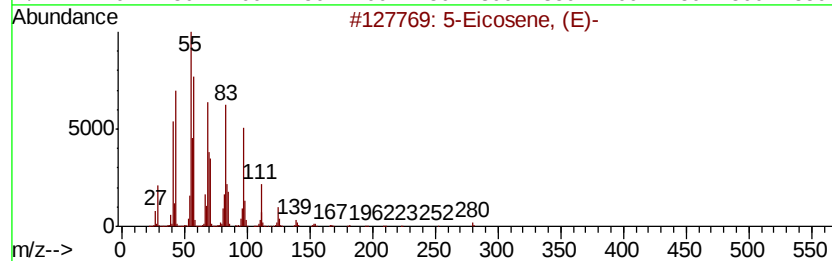
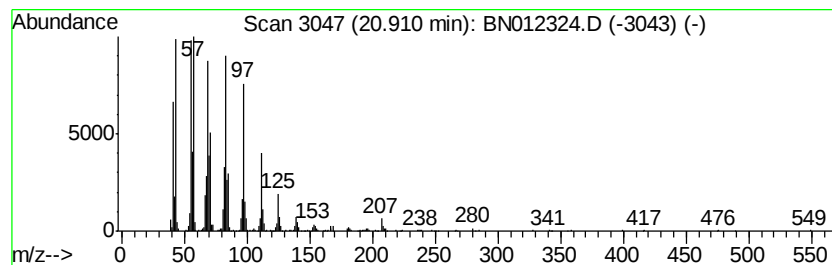
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 20.91 | 6.64 ng/ul | 1355560 | Chrysene-d12     | 21.19 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------|-----|----------|-------------|------|
| 1    |    |   | 5-Eicosene, (E)-     | 280 | C20H40   | 074685-30-6 | 96   |
| 2    |    |   | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94   |
| 3    |    |   | 1-Heneicosanol       | 312 | C21H44O  | 015594-90-8 | 94   |
| 4    |    |   | Behenic alcohol      | 326 | C22H46O  | 000661-19-8 | 93   |
| 5    |    |   | Cyclopentadecane     | 210 | C15H30   | 000295-48-7 | 93   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 20.91 | 6.6     | ng/ul | 1355560  | 5                     | 21.19 | 4082250 | 20.0 |