

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\  
 Data File : BM025669.D  
 Acq On : 20 Mar 2020 20:05  
 Operator : CG/JU  
 Sample : L1835-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0D81

## 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\_M\METHODS\SOM-EPA-BM031420MA.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       | 40            | 43          | 51           | rVV      | 38843          | 52345         | 1.20%           | 0.146%        |
| 2         | 3.199       | 51            | 53          | 57           | rVB4     | 5264           | 4808          | 0.11%           | 0.013%        |
| 3         | 3.757       | 145           | 148         | 150          | rBV3     | 4072           | 4978          | 0.11%           | 0.014%        |
| 4         | 3.852       | 160           | 164         | 168          | rBV      | 9018           | 12362         | 0.28%           | 0.034%        |
| 5         | 4.334       | 243           | 246         | 250          | rBV5     | 2679           | 4880          | 0.11%           | 0.014%        |
| 6         | 6.763       | 652           | 659         | 668          | rVB      | 159058         | 256125        | 5.88%           | 0.713%        |
| 7         | 6.922       | 678           | 686         | 696          | rBV      | 445297         | 681252        | 15.64%          | 1.896%        |
| 8         | 7.116       | 712           | 719         | 727          | rVB      | 538437         | 813491        | 18.67%          | 2.264%        |
| 9         | 7.575       | 791           | 797         | 805          | rVB      | 548030         | 841617        | 19.32%          | 2.343%        |
| 10        | 7.663       | 808           | 812         | 817          | rBV5     | 6807           | 11140         | 0.26%           | 0.031%        |
| 11        | 8.281       | 911           | 917         | 926          | rBV      | 421562         | 652994        | 14.99%          | 1.818%        |
| 12        | 8.716       | 985           | 991         | 1004         | rBV      | 563151         | 920401        | 21.13%          | 2.562%        |
| 13        | 9.204       | 1069          | 1074        | 1079         | rVB      | 14032          | 19019         | 0.44%           | 0.053%        |
| 14        | 9.434       | 1106          | 1113        | 1124         | rBV      | 462325         | 725565        | 16.65%          | 2.020%        |
| 15        | 9.969       | 1198          | 1204        | 1215         | rBV      | 709227         | 1134773       | 26.05%          | 3.159%        |
| 16        | 10.345      | 1261          | 1268        | 1275         | rBV      | 737457         | 1204359       | 27.64%          | 3.352%        |
| 17        | 10.486      | 1284          | 1292        | 1301         | rBV3     | 40943          | 76212         | 1.75%           | 0.212%        |
| 18        | 11.692      | 1493          | 1497        | 1502         | rVB5     | 6783           | 8126          | 0.19%           | 0.023%        |
| 19        | 11.939      | 1535          | 1539        | 1546         | rBV2     | 10067          | 16300         | 0.37%           | 0.045%        |
| 20        | 13.069      | 1727          | 1731        | 1736         | rBV5     | 4914           | 7433          | 0.17%           | 0.021%        |
| 21        | 13.633      | 1821          | 1827        | 1832         | rBV      | 1298458        | 1733876       | 39.80%          | 4.826%        |
| 22        | 13.680      | 1832          | 1835        | 1843         | rVB      | 106668         | 141204        | 3.24%           | 0.393%        |
| 23        | 13.904      | 1866          | 1873        | 1881         | rBV      | 1522118        | 2162861       | 49.64%          | 6.020%        |
| 24        | 14.216      | 1919          | 1926        | 1933         | rVV      | 1154601        | 1602528       | 36.78%          | 4.460%        |
| 25        | 14.422      | 1955          | 1961        | 1970         | rBV      | 138477         | 216957        | 4.98%           | 0.604%        |
| 26        | 14.751      | 2011          | 2017        | 2022         | rBV4     | 4223           | 6408          | 0.15%           | 0.018%        |
| 27        | 15.216      | 2089          | 2096        | 2103         | rVB      | 2001364        | 2784461       | 63.91%          | 7.750%        |
| 28        | 15.333      | 2110          | 2116        | 2127         | rBV      | 598555         | 802876        | 18.43%          | 2.235%        |
| 29        | 15.457      | 2132          | 2137        | 2141         | rVB      | 20086          | 27477         | 0.63%           | 0.076%        |
| 30        | 15.998      | 2228          | 2229        | 2234         | rVB3     | 5590           | 6330          | 0.15%           | 0.018%        |
| 31        | 16.751      | 2350          | 2357        | 2364         | rVB6     | 4173           | 10909         | 0.25%           | 0.030%        |
| 32        | 16.963      | 2387          | 2393        | 2403         | rBV      | 1350447        | 1840141       | 42.24%          | 5.122%        |
| 33        | 17.057      | 2403          | 2409        | 2421         | rBV      | 2467181        | 3494502       | 80.21%          | 9.727%        |
| 34        | 17.215      | 2431          | 2436        | 2439         | rBV5     | 3483           | 5434          | 0.12%           | 0.015%        |

## LSC Area Percent Report

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Instrument :  
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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\_M\METHODS\SOM-EPA-BM031420MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 17.880 | 2545 | 2549 | 2557 | rBV  | 64641   | 92719   | 2.13%   | 0.258%  |
| 36 | 18.192 | 2598 | 2602 | 2604 | rVB4 | 5368    | 7654    | 0.18%   | 0.021%  |
| 37 | 18.992 | 2734 | 2738 | 2742 | rBV  | 23865   | 28189   | 0.65%   | 0.078%  |
| 38 | 19.168 | 2763 | 2768 | 2778 | rBV7 | 28433   | 51765   | 1.19%   | 0.144%  |
| 39 | 19.245 | 2778 | 2781 | 2786 | rVV2 | 19654   | 25509   | 0.59%   | 0.071%  |
| 40 | 19.356 | 2794 | 2800 | 2809 | rBV  | 3019837 | 3956320 | 90.81%  | 11.012% |
| 41 | 19.904 | 2891 | 2893 | 2897 | rBV4 | 7886    | 10015   | 0.23%   | 0.028%  |
| 42 | 20.898 | 3058 | 3062 | 3068 | rBV2 | 184841  | 237331  | 5.45%   | 0.661%  |
| 43 | 21.151 | 3100 | 3105 | 3111 | rBV  | 1667351 | 2118296 | 48.62%  | 5.896%  |
| 44 | 22.703 | 3366 | 3369 | 3374 | rVB2 | 106042  | 133157  | 3.06%   | 0.371%  |
| 45 | 23.174 | 3442 | 3449 | 3456 | rBV  | 2563435 | 4356792 | 100.00% | 12.127% |
| 46 | 23.239 | 3458 | 3460 | 3465 | rVV  | 133172  | 192315  | 4.41%   | 0.535%  |
| 47 | 23.303 | 3465 | 3471 | 3479 | rVB2 | 1269680 | 2226975 | 51.12%  | 6.199%  |
| 48 | 23.856 | 3561 | 3565 | 3570 | rVB2 | 129898  | 206346  | 4.74%   | 0.574%  |

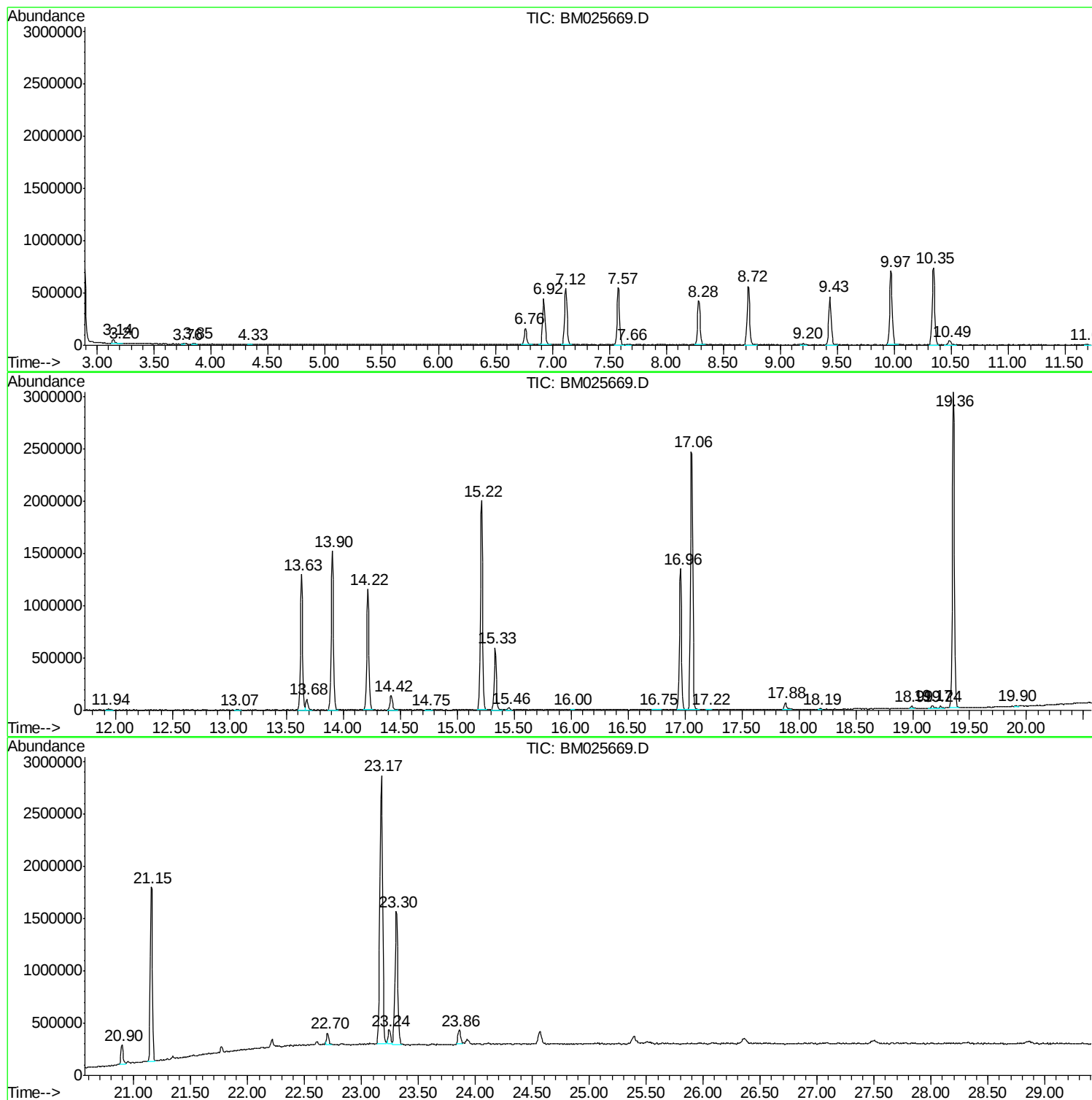
Sum of corrected areas: 35927527

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

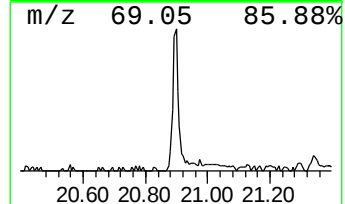
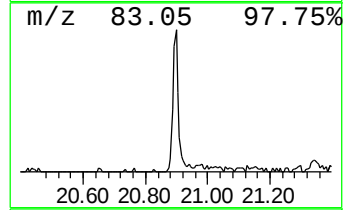
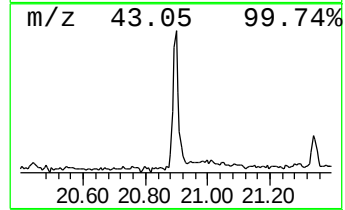
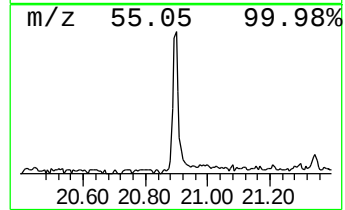
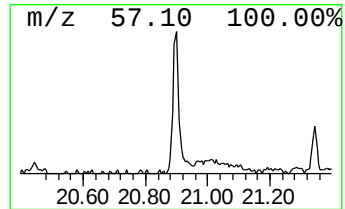
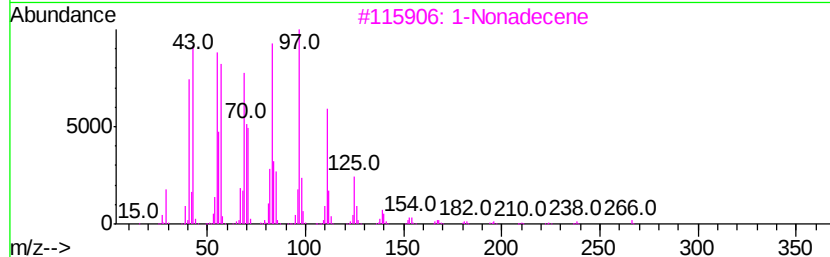
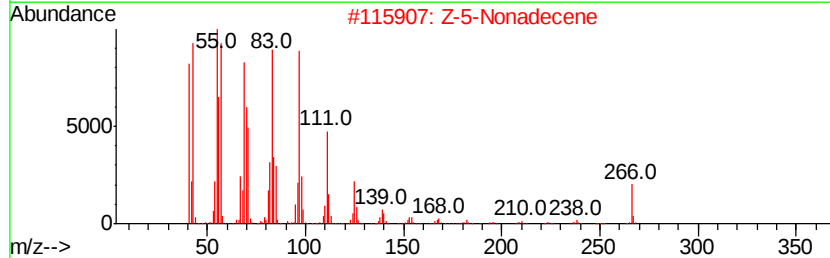
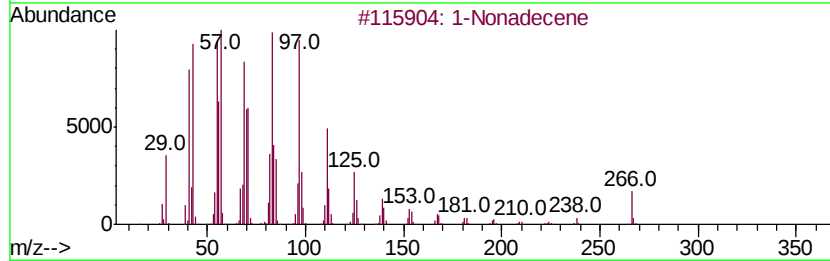
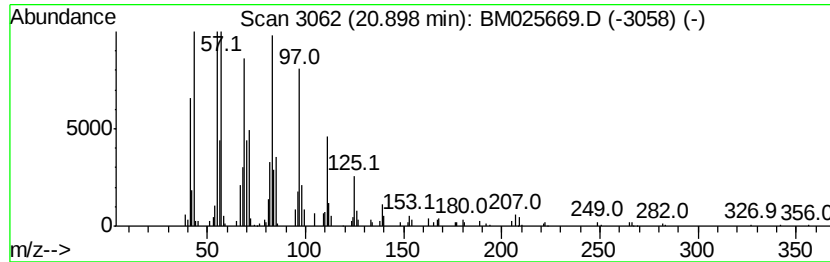
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.90 | 2.24 ng/ul | 237331 | Chrysene-d12     | 21.16 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-----------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Nonadecene                | 266 | C19H38     | 018435-45-5  | 98   |
| 2    |    |   | Z-5-Nonadecene              | 266 | C19H38     | 1000131-11-8 | 98   |
| 3    |    |   | 1-Nonadecene                | 266 | C19H38     | 018435-45-5  | 96   |
| 4    |    |   | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3  | 95   |
| 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 |
| (DEL) Alkane: Str... | 20.90 | 2.2     | ng/ul | 237331   | 5                     | 21.16 | 2118300 | 20.0 |