

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\  
 Data File : BN014386.D  
 Acq On : 23 Apr 2021 20:26  
 Operator : CG/JU  
 Sample : M2065-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BG558

## 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\SFAM-EPA-BN041521.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         | 3.623       | 88            | 91          | 104          | rBV      | 76070          | 139660        | 6.95%           | 0.550%        |
| 2         | 6.852       | 635           | 640         | 653          | rVB      | 364187         | 624649        | 31.07%          | 2.461%        |
| 3         | 7.022       | 664           | 669         | 681          | rVB      | 325144         | 520945        | 25.91%          | 2.052%        |
| 4         | 7.216       | 697           | 702         | 713          | rVB      | 393924         | 632565        | 31.46%          | 2.492%        |
| 5         | 7.687       | 776           | 782         | 790          | rVB      | 511421         | 811186        | 40.34%          | 3.195%        |
| 6         | 8.381       | 894           | 900         | 913          | rVB      | 417267         | 648774        | 32.27%          | 2.556%        |
| 7         | 8.499       | 917           | 920         | 925          | rVB      | 16259          | 21961         | 1.09%           | 0.087%        |
| 8         | 8.828       | 970           | 976         | 989          | rVB      | 385587         | 642069        | 31.93%          | 2.529%        |
| 9         | 9.546       | 1092          | 1098        | 1109         | rVB      | 245739         | 407796        | 20.28%          | 1.606%        |
| 10        | 10.081      | 1183          | 1189        | 1201         | rVB      | 440606         | 715447        | 35.58%          | 2.818%        |
| 11        | 10.463      | 1247          | 1254        | 1261         | rVB      | 684222         | 1168570       | 58.12%          | 4.603%        |
| 12        | 10.593      | 1270          | 1276        | 1286         | rBV      | 426539         | 713120        | 35.47%          | 2.809%        |
| 13        | 10.957      | 1336          | 1338        | 1344         | rVB4     | 3506           | 4644          | 0.23%           | 0.018%        |
| 14        | 12.051      | 1520          | 1524        | 1529         | rVB2     | 7812           | 10655         | 0.53%           | 0.042%        |
| 15        | 12.922      | 1671          | 1672        | 1678         | rVB5     | 2526           | 2974          | 0.15%           | 0.012%        |
| 16        | 13.157      | 1707          | 1712        | 1716         | rVB3     | 7529           | 10248         | 0.51%           | 0.040%        |
| 17        | 13.222      | 1718          | 1723        | 1727         | rVV3     | 3794           | 5967          | 0.30%           | 0.024%        |
| 18        | 13.728      | 1803          | 1809        | 1814         | rBV      | 820610         | 1136417       | 56.52%          | 4.476%        |
| 19        | 13.775      | 1814          | 1817        | 1822         | rVB      | 48798          | 64323         | 3.20%           | 0.253%        |
| 20        | 14.010      | 1849          | 1857        | 1863         | rBV      | 1034673        | 1446495       | 71.94%          | 5.698%        |
| 21        | 14.110      | 1872          | 1874        | 1878         | rVB4     | 2016           | 2685          | 0.13%           | 0.011%        |
| 22        | 14.234      | 1893          | 1895        | 1899         | rVV3     | 4051           | 4803          | 0.24%           | 0.019%        |
| 23        | 14.322      | 1903          | 1910        | 1917         | rVB      | 1039811        | 1500525       | 74.63%          | 5.911%        |
| 24        | 14.510      | 1937          | 1942        | 1951         | rBV      | 159018         | 237428        | 11.81%          | 0.935%        |
| 25        | 14.740      | 1975          | 1981        | 1985         | rBV2     | 19165          | 22901         | 1.14%           | 0.090%        |
| 26        | 15.145      | 2044          | 2050        | 2054         | rBV2     | 5706           | 7781          | 0.39%           | 0.031%        |
| 27        | 15.192      | 2054          | 2058        | 2061         | rVB3     | 2586           | 2960          | 0.15%           | 0.012%        |
| 28        | 15.316      | 2072          | 2079        | 2087         | rBV      | 1262739        | 1718732       | 85.48%          | 6.770%        |
| 29        | 15.428      | 2093          | 2098        | 2106         | rBV      | 126557         | 164869        | 8.20%           | 0.649%        |
| 30        | 15.551      | 2116          | 2119        | 2123         | rBV      | 8396           | 10394         | 0.52%           | 0.041%        |
| 31        | 16.098      | 2209          | 2212        | 2217         | rVB5     | 3246           | 5143          | 0.26%           | 0.020%        |
| 32        | 16.316      | 2245          | 2249        | 2252         | rBV2     | 6498           | 8846          | 0.44%           | 0.035%        |
| 33        | 16.816      | 2330          | 2334        | 2337         | rBV3     | 3779           | 4593          | 0.23%           | 0.018%        |
| 34        | 16.851      | 2337          | 2340        | 2344         | rVB      | 3751           | 4797          | 0.24%           | 0.019%        |

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Instrument :  
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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\SFAM-EPA-BN041521.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 17.063 | 2370 | 2376 | 2383 | rBV  | 1197230 | 1665733 | 82.84%  | 6.561% |
| 36 | 17.163 | 2387 | 2393 | 2404 | rVV2 | 1221859 | 1714420 | 85.26%  | 6.753% |
| 37 | 17.263 | 2405 | 2410 | 2415 | rVB2 | 17032   | 20182   | 1.00%   | 0.079% |
| 38 | 17.969 | 2526 | 2530 | 2536 | rBV  | 44209   | 59830   | 2.98%   | 0.236% |
| 39 | 18.045 | 2539 | 2543 | 2547 | rVB3 | 3330    | 6509    | 0.32%   | 0.026% |
| 40 | 18.404 | 2601 | 2604 | 2609 | rVB4 | 1437    | 2099    | 0.10%   | 0.008% |
| 41 | 18.475 | 2612 | 2616 | 2620 | rBV5 | 1175    | 2231    | 0.11%   | 0.009% |
| 42 | 18.545 | 2625 | 2628 | 2631 | rVB3 | 2544    | 2729    | 0.14%   | 0.011% |
| 43 | 18.745 | 2657 | 2662 | 2666 | rBV5 | 3971    | 5164    | 0.26%   | 0.020% |
| 44 | 18.857 | 2678 | 2681 | 2685 | rVB2 | 3570    | 4522    | 0.22%   | 0.018% |
| 45 | 19.098 | 2718 | 2722 | 2725 | rBV  | 11228   | 16445   | 0.82%   | 0.065% |
| 46 | 19.128 | 2725 | 2727 | 2732 | rVB2 | 4461    | 4734    | 0.24%   | 0.019% |
| 47 | 19.257 | 2745 | 2749 | 2754 | rBV2 | 26231   | 32583   | 1.62%   | 0.128% |
| 48 | 19.351 | 2762 | 2765 | 2768 | rBV  | 6192    | 7236    | 0.36%   | 0.029% |
| 49 | 19.410 | 2771 | 2775 | 2778 | rBV5 | 4520    | 5276    | 0.26%   | 0.021% |
| 50 | 19.463 | 2778 | 2784 | 2794 | rVV2 | 1546987 | 2010698 | 100.00% | 7.920% |
| 51 | 20.398 | 2940 | 2943 | 2945 | rBV4 | 6683    | 8746    | 0.43%   | 0.034% |
| 52 | 20.980 | 3039 | 3042 | 3049 | rBV5 | 33503   | 53267   | 2.65%   | 0.210% |
| 53 | 21.263 | 3084 | 3090 | 3098 | rBV  | 1420123 | 1867089 | 92.86%  | 7.355% |
| 54 | 21.863 | 3189 | 3192 | 3197 | rBV5 | 25127   | 30482   | 1.52%   | 0.120% |
| 55 | 22.316 | 3266 | 3269 | 3275 | rBV2 | 55826   | 79190   | 3.94%   | 0.312% |
| 56 | 22.827 | 3352 | 3356 | 3365 | rVB  | 75163   | 114933  | 5.72%   | 0.453% |
| 57 | 23.339 | 3437 | 3443 | 3449 | rBV  | 1103635 | 1967971 | 97.88%  | 7.752% |
| 58 | 23.486 | 3461 | 3468 | 3478 | rVB2 | 1057742 | 1900527 | 94.52%  | 7.486% |
| 59 | 24.033 | 3556 | 3561 | 3571 | rVB3 | 94319   | 196155  | 9.76%   | 0.773% |
| 60 | 24.774 | 3683 | 3687 | 3696 | rVB2 | 83175   | 183029  | 9.10%   | 0.721% |

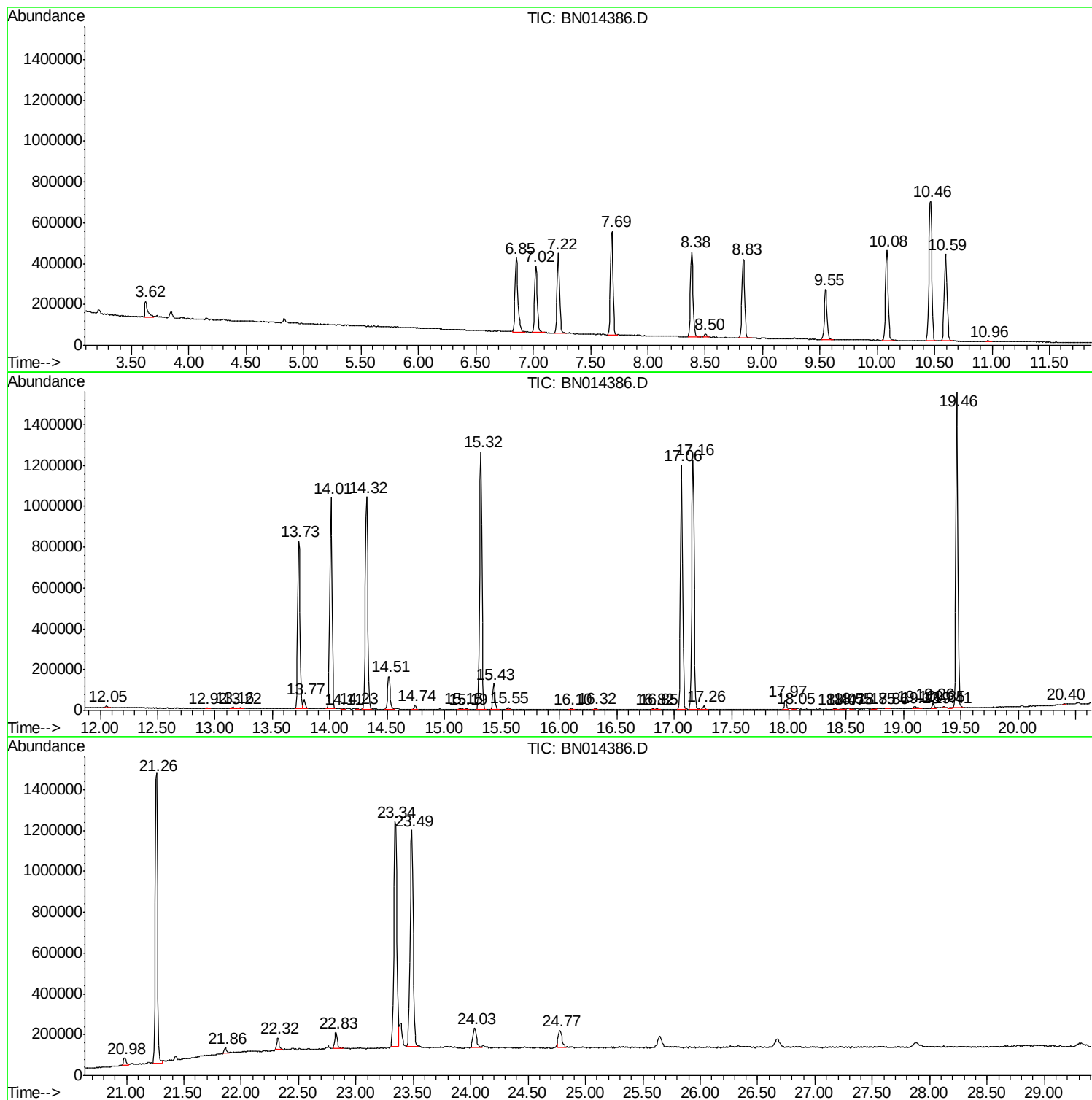
Sum of corrected areas: 25386702

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN041521.M  
Quant Title : SVOA CALIBRATION

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



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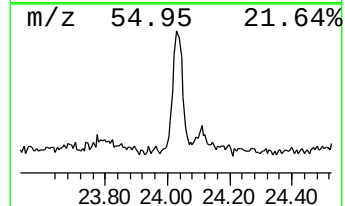
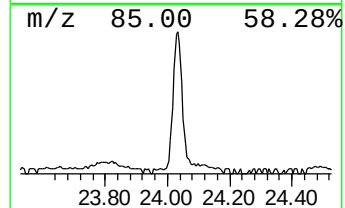
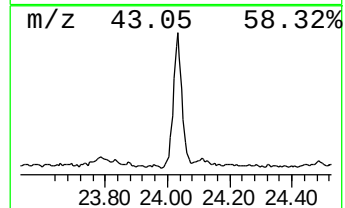
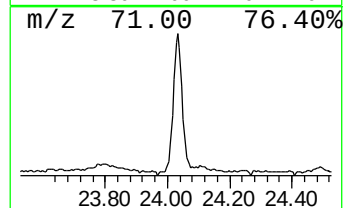
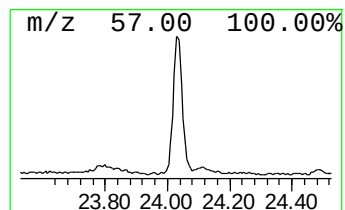
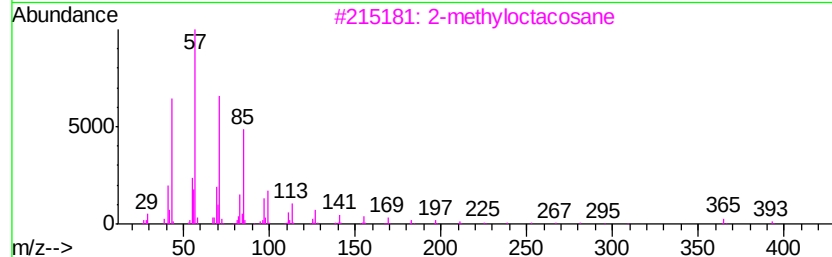
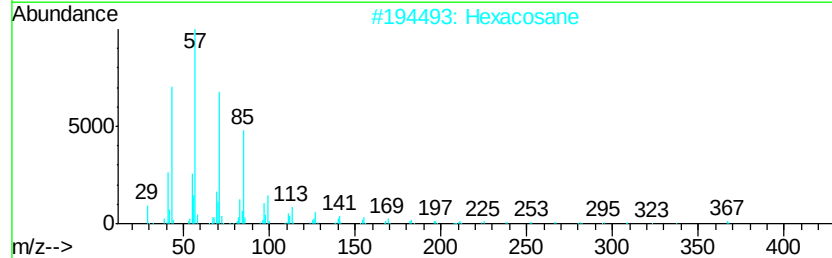
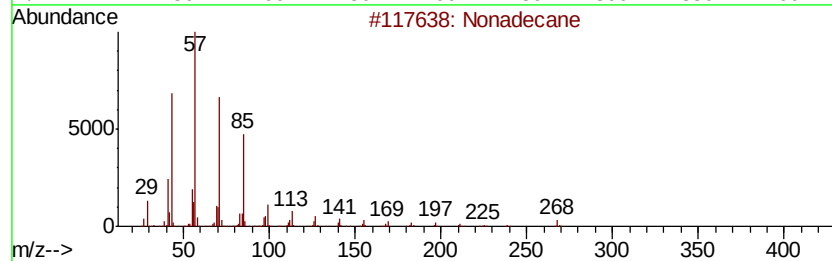
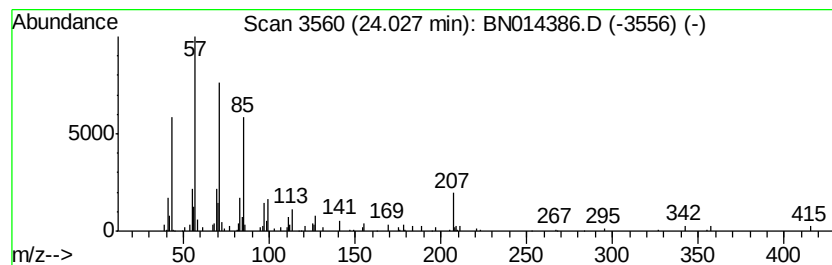
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.03 | 2.06 ng/ul | 196155 | Perylene-d12     | 23.49 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Nonadecane         | 268 | C19H40  | 000629-92-5  | 93   |
| 2    |    | Hexacosane         | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 4    |    | Tetracosane        | 338 | C24H50  | 000646-31-1  | 91   |
| 5    |    | Heneicosane        | 296 | C21H44  | 000629-94-7  | 90   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 24.03 | 2.1     | ng/ul | 196155   | 6                     | 23.49 | 1900530 | 20.0 |