

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032219\  
 Data File : BM019323.D  
 Acq On : 22 Mar 2019 21:34  
 Operator : JU/SJ  
 Sample : K1920-19  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09H7

## 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-BM032219MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.157    | 25         | 29       | 34        | rBV   | 24059       | 29840      | 0.78%        | 0.093%     |
| 2      | 6.804    | 643        | 649      | 664       | rBV   | 85859       | 207866     | 5.46%        | 0.651%     |
| 3      | 6.963    | 671        | 676      | 695       | rBV   | 380674      | 713717     | 18.75%       | 2.235%     |
| 4      | 7.151    | 702        | 708      | 720       | rBV   | 446877      | 765249     | 20.11%       | 2.397%     |
| 5      | 7.616    | 780        | 787      | 798       | rBV   | 476599      | 799440     | 21.01%       | 2.504%     |
| 6      | 7.934    | 837        | 841      | 846       | rBV4  | 2390        | 4525       | 0.12%        | 0.014%     |
| 7      | 8.328    | 902        | 908      | 924       | rBV   | 285762      | 552753     | 14.52%       | 1.731%     |
| 8      | 8.786    | 979        | 986      | 1003      | rBV   | 482143      | 862480     | 22.66%       | 2.701%     |
| 9      | 9.116    | 1036       | 1042     | 1046      | rBV   | 14523       | 20817      | 0.55%        | 0.065%     |
| 10     | 9.498    | 1101       | 1107     | 1119      | rBV   | 403925      | 699298     | 18.37%       | 2.190%     |
| 11     | 10.033   | 1191       | 1198     | 1221      | rBV   | 407258      | 1017061    | 26.72%       | 3.186%     |
| 12     | 10.398   | 1252       | 1260     | 1274      | rBV   | 684652      | 1151318    | 30.25%       | 3.606%     |
| 13     | 10.598   | 1290       | 1294     | 1295      | rBV3  | 4921        | 4857       | 0.13%        | 0.015%     |
| 14     | 11.604   | 1458       | 1465     | 1471      | rBV4  | 6271        | 14455      | 0.38%        | 0.045%     |
| 15     | 12.021   | 1529       | 1536     | 1540      | rBV4  | 4217        | 7654       | 0.20%        | 0.024%     |
| 16     | 13.245   | 1740       | 1744     | 1747      | rBV3  | 2721        | 4331       | 0.11%        | 0.014%     |
| 17     | 13.692   | 1814       | 1820     | 1833      | rBV   | 1182410     | 1717094    | 45.12%       | 5.378%     |
| 18     | 13.963   | 1860       | 1866     | 1880      | rBV   | 1358893     | 2027227    | 53.27%       | 6.349%     |
| 19     | 14.274   | 1913       | 1919     | 1931      | rBV2  | 961657      | 1464192    | 38.47%       | 4.586%     |
| 20     | 14.551   | 1960       | 1966     | 1972      | rBV2  | 22718       | 59789      | 1.57%        | 0.187%     |
| 21     | 15.062   | 2048       | 2053     | 2058      | rBV3  | 4408        | 7896       | 0.21%        | 0.025%     |
| 22     | 15.110   | 2058       | 2061     | 2067      | rVV3  | 4322        | 5393       | 0.14%        | 0.017%     |
| 23     | 15.274   | 2082       | 2089     | 2104      | rBV   | 1791641     | 2567097    | 67.45%       | 8.040%     |
| 24     | 15.415   | 2107       | 2113     | 2126      | rVV   | 455834      | 726258     | 19.08%       | 2.275%     |
| 25     | 15.515   | 2126       | 2130     | 2136      | rVB3  | 22555       | 34383      | 0.90%        | 0.108%     |
| 26     | 15.604   | 2142       | 2145     | 2148      | rVB2  | 3061        | 4059       | 0.11%        | 0.013%     |
| 27     | 15.980   | 2206       | 2209     | 2210      | rBV2  | 4677        | 4206       | 0.11%        | 0.013%     |
| 28     | 16.062   | 2220       | 2223     | 2228      | rVB5  | 4144        | 5929       | 0.16%        | 0.019%     |
| 29     | 16.174   | 2238       | 2242     | 2244      | rBV4  | 3804        | 4705       | 0.12%        | 0.015%     |
| 30     | 16.321   | 2262       | 2267     | 2270      | rBV3  | 4119        | 6899       | 0.18%        | 0.022%     |
| 31     | 16.392   | 2275       | 2279     | 2282      | rBV3  | 5240        | 6581       | 0.17%        | 0.021%     |
| 32     | 16.456   | 2284       | 2290     | 2293      | rBV4  | 4356        | 8290       | 0.22%        | 0.026%     |
| 33     | 16.827   | 2347       | 2353     | 2355      | rBV4  | 5970        | 9764       | 0.26%        | 0.031%     |
| 34     | 17.033   | 2381       | 2388     | 2398      | rBV2  | 1165819     | 1705912    | 44.82%       | 5.343%     |

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|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 17.133 | 2398 | 2405 | 2420 | rVV  | 1815232 | 2677668 | 70.36%  | 8.387%  |
| 36 | 17.321 | 2431 | 2437 | 2438 | rBV4 | 5984    | 6083    | 0.16%   | 0.019%  |
| 37 | 17.386 | 2446 | 2448 | 2452 | rVB3 | 4809    | 4654    | 0.12%   | 0.015%  |
| 38 | 17.521 | 2466 | 2471 | 2473 | rBV4 | 3668    | 4819    | 0.13%   | 0.015%  |
| 39 | 17.786 | 2512 | 2516 | 2517 | rBV3 | 4338    | 4083    | 0.11%   | 0.013%  |
| 40 | 17.921 | 2534 | 2539 | 2550 | rVV2 | 49400   | 84905   | 2.23%   | 0.266%  |
| 41 | 17.998 | 2550 | 2552 | 2554 | rVB3 | 4478    | 4104    | 0.11%   | 0.013%  |
| 42 | 18.115 | 2570 | 2572 | 2575 | rVB4 | 4049    | 4191    | 0.11%   | 0.013%  |
| 43 | 18.503 | 2633 | 2638 | 2639 | rBV4 | 3829    | 4192    | 0.11%   | 0.013%  |
| 44 | 18.756 | 2678 | 2681 | 2683 | rBV3 | 4061    | 4072    | 0.11%   | 0.013%  |
| 45 | 19.074 | 2729 | 2735 | 2739 | rBV2 | 20502   | 33779   | 0.89%   | 0.106%  |
| 46 | 19.209 | 2755 | 2758 | 2764 | rBV4 | 18112   | 26711   | 0.70%   | 0.084%  |
| 47 | 19.327 | 2774 | 2778 | 2784 | rBV3 | 18189   | 28241   | 0.74%   | 0.088%  |
| 48 | 19.439 | 2791 | 2797 | 2809 | rBV  | 2256255 | 3144820 | 82.63%  | 9.850%  |
| 49 | 20.944 | 3049 | 3053 | 3061 | rBV9 | 39200   | 97597   | 2.56%   | 0.306%  |
| 50 | 21.239 | 3098 | 3103 | 3114 | rBV  | 1536256 | 2049173 | 53.84%  | 6.418%  |
| 51 | 22.256 | 3273 | 3276 | 3280 | rVB2 | 114272  | 135865  | 3.57%   | 0.426%  |
| 52 | 22.756 | 3358 | 3361 | 3366 | rVB  | 149899  | 200274  | 5.26%   | 0.627%  |
| 53 | 23.315 | 3449 | 3456 | 3468 | rBV  | 2123539 | 3805782 | 100.00% | 11.920% |
| 54 | 23.456 | 3474 | 3480 | 3494 | rVB  | 1075471 | 2101168 | 55.21%  | 6.581%  |
| 55 | 23.944 | 3559 | 3563 | 3570 | rVB3 | 152297  | 284193  | 7.47%   | 0.890%  |

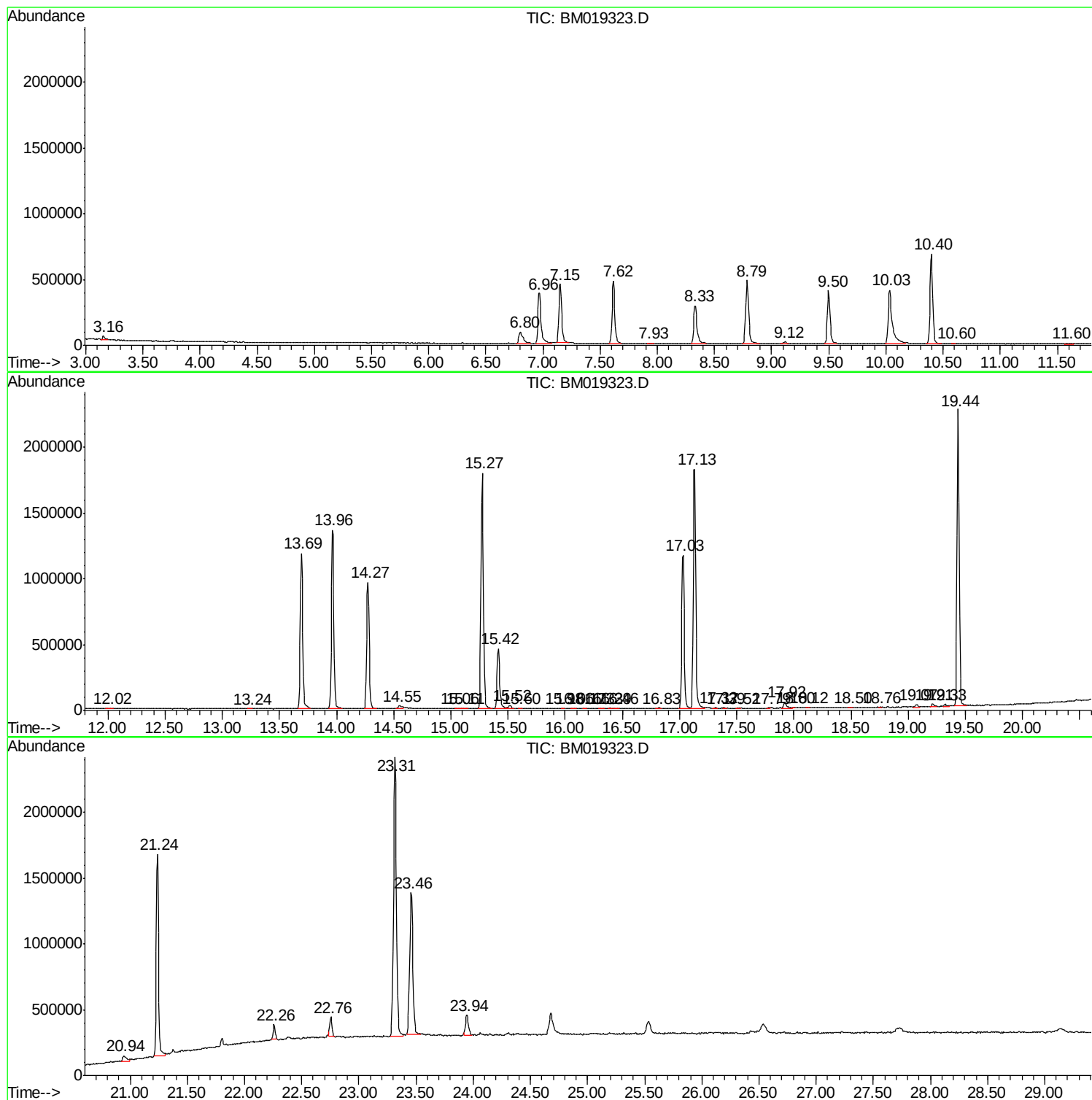
Sum of corrected areas: 31927709

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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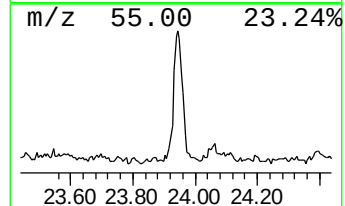
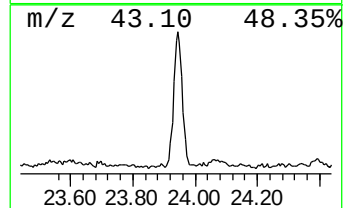
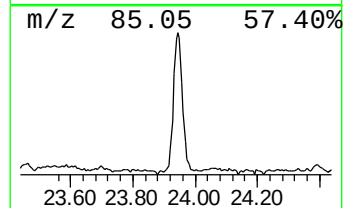
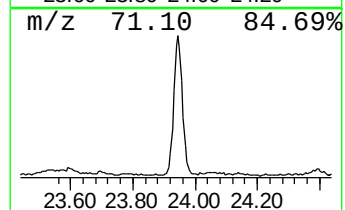
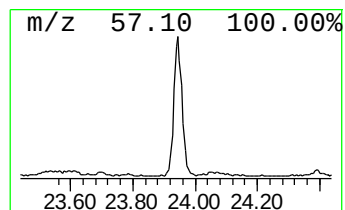
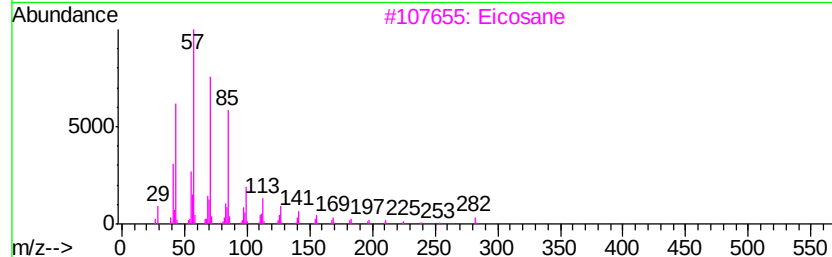
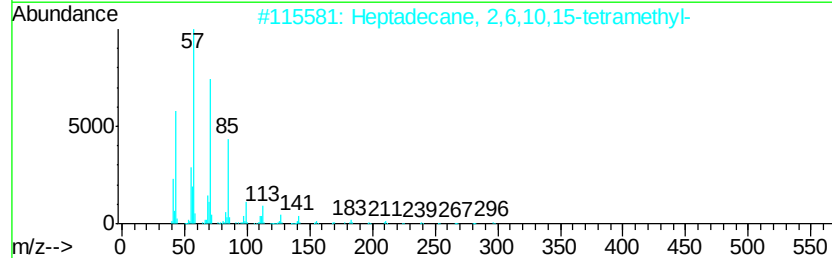
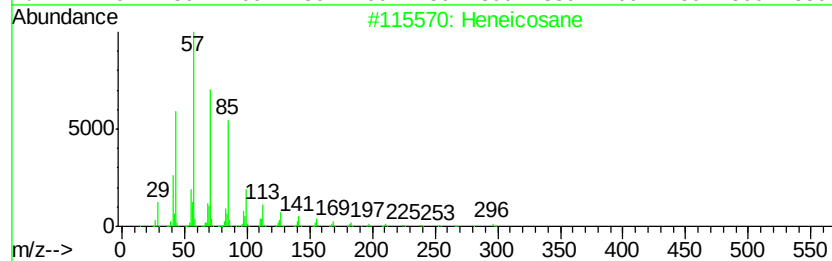
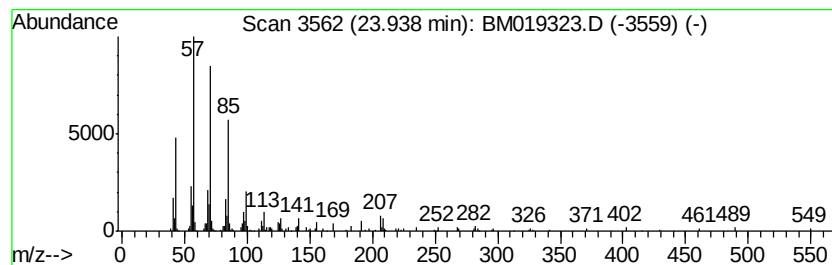
TIC Library : C:\DATABASE\NIST02.L  
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.94 | 2.71 ng/ul | 284193 | Perylene-d12     | 23.46 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 98   |
| 2    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 93   |
| 3    |    | Eicosane                            | 282 | C20H42  | 000112-95-8 | 93   |
| 4    |    | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 90   |
| 5    |    | Eicosane                            | 282 | C20H42  | 000112-95-8 | 90   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 23.94 | 2.7     | ng/ul | 284193   | 6                     | 23.46 | 2101170 | 20.0 |