

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\  
 Data File : BM023696.D  
 Acq On : 13 Nov 2019 14:43  
 Operator : JU  
 Sample : K5579-11  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEJP9

## 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-BM111119MA.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      | 3.069    | 28         | 31       | 43        | rVB   | 76513       | 130569     | 0.89%        | 0.116%     |
| 2      | 3.699    | 134        | 138      | 148       | rVB5  | 18076       | 36113      | 0.25%        | 0.032%     |
| 3      | 3.781    | 148        | 152      | 161       | rVB   | 53075       | 84303      | 0.57%        | 0.075%     |
| 4      | 6.728    | 647        | 653      | 667       | rVB   | 351291      | 621494     | 4.24%        | 0.551%     |
| 5      | 6.887    | 673        | 680      | 693       | rBV   | 1114017     | 1804821    | 12.31%       | 1.600%     |
| 6      | 7.081    | 705        | 713      | 723       | rBV   | 1206451     | 2003192    | 13.66%       | 1.776%     |
| 7      | 7.193    | 728        | 732      | 739       | rVB5  | 11787       | 22518      | 0.15%        | 0.020%     |
| 8      | 7.540    | 784        | 791      | 799       | rBV   | 1334716     | 2060666    | 14.05%       | 1.827%     |
| 9      | 7.622    | 802        | 805      | 816       | rVB6  | 9574        | 18852      | 0.13%        | 0.017%     |
| 10     | 8.257    | 907        | 913      | 923       | rBV   | 1090151     | 1736009    | 11.84%       | 1.539%     |
| 11     | 8.692    | 977        | 987      | 998       | rBV   | 1451546     | 2441381    | 16.65%       | 2.165%     |
| 12     | 9.151    | 1061       | 1065     | 1070      | rVB3  | 17697       | 27145      | 0.19%        | 0.024%     |
| 13     | 9.410    | 1101       | 1109     | 1118      | rBV   | 1254149     | 2066987    | 14.10%       | 1.833%     |
| 14     | 9.945    | 1193       | 1200     | 1215      | rBV   | 2090141     | 3532261    | 24.09%       | 3.132%     |
| 15     | 10.316   | 1255       | 1263     | 1272      | rBV   | 2074227     | 3430710    | 23.40%       | 3.042%     |
| 16     | 10.463   | 1281       | 1288     | 1295      | rBV   | 94467       | 183416     | 1.25%        | 0.163%     |
| 17     | 11.916   | 1530       | 1535     | 1541      | rBV2  | 33111       | 51830      | 0.35%        | 0.046%     |
| 18     | 13.522   | 1806       | 1808     | 1814      | rBV7  | 8618        | 15207      | 0.10%        | 0.013%     |
| 19     | 13.616   | 1814       | 1824     | 1829      | rBV   | 4327478     | 6005614    | 40.96%       | 5.325%     |
| 20     | 13.663   | 1829       | 1832     | 1840      | rVB   | 265965      | 357567     | 2.44%        | 0.317%     |
| 21     | 13.886   | 1862       | 1870     | 1881      | rBV   | 5079855     | 7344962    | 50.09%       | 6.513%     |
| 22     | 14.198   | 1916       | 1923     | 1936      | rBV   | 3835211     | 5553366    | 37.87%       | 4.924%     |
| 23     | 14.421   | 1956       | 1961     | 1980      | rBV   | 309304      | 602745     | 4.11%        | 0.534%     |
| 24     | 14.633   | 1993       | 1997     | 2003      | rVB6  | 24237       | 42748      | 0.29%        | 0.038%     |
| 25     | 15.198   | 2086       | 2093     | 2105      | rBV   | 6893480     | 9836171    | 67.08%       | 8.722%     |
| 26     | 15.327   | 2107       | 2115     | 2128      | rVV   | 1946216     | 2659105    | 18.13%       | 2.358%     |
| 27     | 15.433   | 2128       | 2133     | 2139      | rVB2  | 81911       | 126374     | 0.86%        | 0.112%     |
| 28     | 15.980   | 2222       | 2226     | 2233      | rVB4  | 31388       | 47791      | 0.33%        | 0.042%     |
| 29     | 16.627   | 2332       | 2336     | 2339      | rBV5  | 18002       | 22459      | 0.15%        | 0.020%     |
| 30     | 16.733   | 2350       | 2354     | 2362      | rBV3  | 23782       | 44246      | 0.30%        | 0.039%     |
| 31     | 16.945   | 2384       | 2390     | 2401      | rBV   | 4929423     | 6899251    | 47.05%       | 6.118%     |
| 32     | 17.045   | 2401       | 2407     | 2417      | rBV2  | 8835453     | 12448443   | 84.89%       | 11.038%    |
| 33     | 17.151   | 2422       | 2425     | 2431      | rVB6  | 38433       | 57409      | 0.39%        | 0.051%     |
| 34     | 17.215   | 2431       | 2436     | 2444      | rBV9  | 12406       | 25143      | 0.17%        | 0.022%     |

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Smoothing : OFF  
Sampling : 1  
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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-BM111119MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 35 | 17.327 | 2451 | 2455 | 2458 | rBV5 | 10482    | 16488    | 0.11%   | 0.015%  |
| 36 | 17.868 | 2542 | 2547 | 2553 | rBV2 | 120800   | 172891   | 1.18%   | 0.153%  |
| 37 | 18.980 | 2732 | 2736 | 2742 | rBV  | 109472   | 157830   | 1.08%   | 0.140%  |
| 38 | 19.162 | 2764 | 2767 | 2772 | rBV6 | 27281    | 32470    | 0.22%   | 0.029%  |
| 39 | 19.233 | 2775 | 2779 | 2786 | rVB  | 92735    | 132494   | 0.90%   | 0.117%  |
| 40 | 19.351 | 2792 | 2799 | 2810 | rVB  | 10477286 | 14663754 | 100.00% | 13.002% |
| 41 | 20.886 | 3056 | 3060 | 3068 | rBV  | 936072   | 1195517  | 8.15%   | 1.060%  |
| 42 | 21.145 | 3099 | 3104 | 3113 | rBV  | 5660425  | 7209013  | 49.16%  | 6.392%  |
| 43 | 22.692 | 3364 | 3367 | 3372 | rVB  | 356680   | 436100   | 2.97%   | 0.387%  |
| 44 | 23.174 | 3442 | 3449 | 3455 | rBV  | 6362419  | 10750733 | 73.32%  | 9.533%  |
| 45 | 23.309 | 3466 | 3472 | 3479 | rVB2 | 3138832  | 5669393  | 38.66%  | 5.027%  |

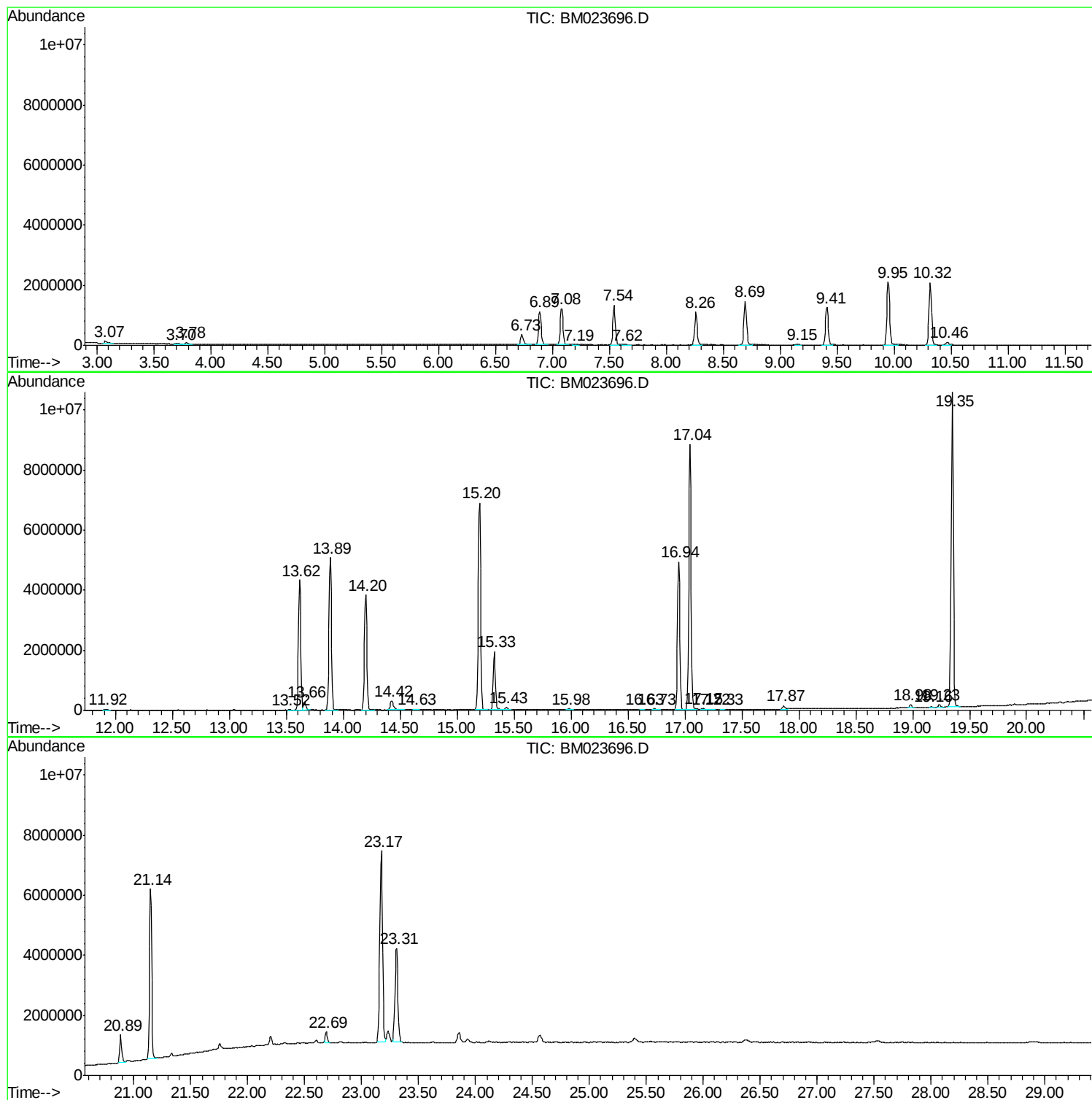
Sum of corrected areas: 112777551

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
Quant Title : SVOA CALIBRATION

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



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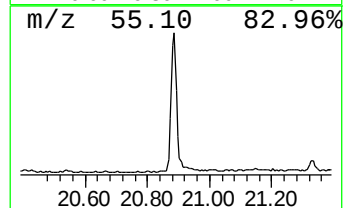
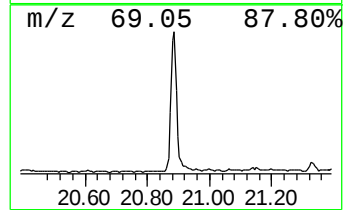
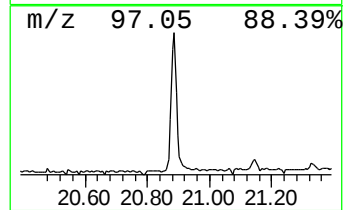
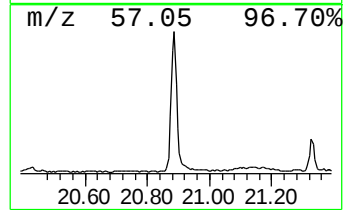
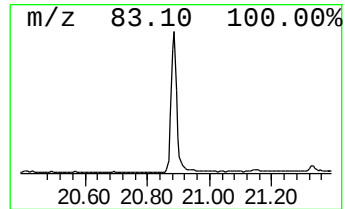
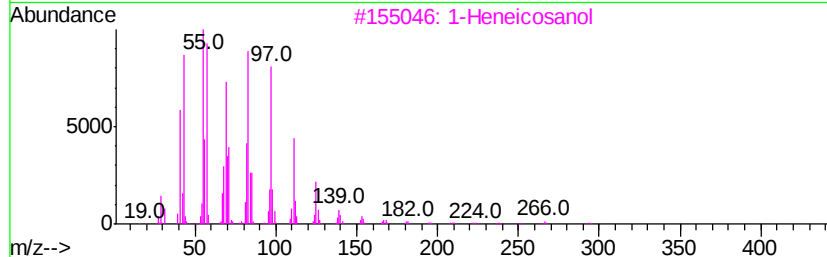
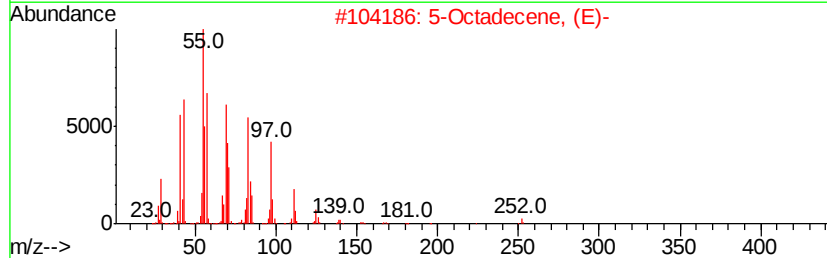
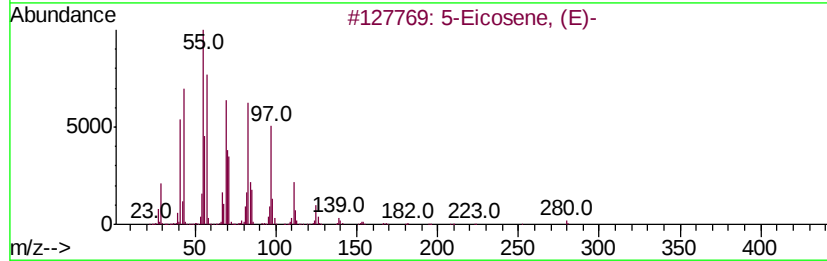
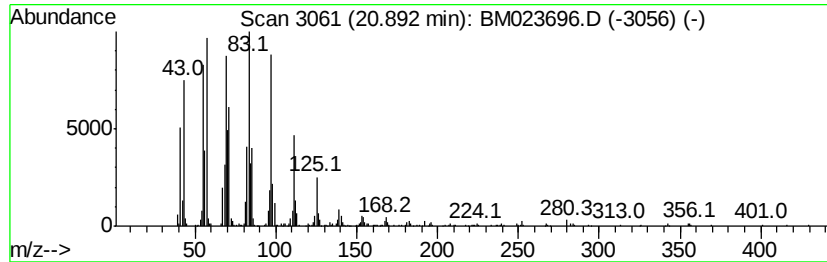
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

| R.T.    | EstConc            | Area         | Relative to ISTD | R.T.           |
|---------|--------------------|--------------|------------------|----------------|
| 20.89   | 3.32 ng/ul         | 1195520      | Chrysene-d12     | 21.14          |
| Hit# of | 5                  | Tentative ID | MW MolForm       | CAS# Qual      |
| 1       | 5-Eicosene, (E)-   |              | 280 C20H40       | 074685-30-6 95 |
| 2       | 5-Octadecene, (E)- |              | 252 C18H36       | 007206-21-5 95 |
| 3       | 1-Heneicosanol     |              | 312 C21H44O      | 015594-90-8 94 |
| 4       | n-Nonadecanol-1    |              | 284 C19H40O      | 001454-84-8 94 |
| 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: Cyc... | 20.89 | 3.3     | ng/ul | 1195520  | 5                     | 21.14 | 7209010 | 20.0 |