

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\  
 Data File : BM023692.D  
 Acq On : 13 Nov 2019 12:19  
 Operator : JU  
 Sample : K5579-09  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BEJP7

## 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<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         | 3.075       | 28            | 32          | 43           | rVB      | 75325          | 130546        | 0.89%           | 0.112%        |
| 2         | 3.705       | 135           | 139         | 144          | rVB3     | 17672          | 26945         | 0.18%           | 0.023%        |
| 3         | 3.781       | 149           | 152         | 161          | rBV      | 24852          | 39423         | 0.27%           | 0.034%        |
| 4         | 6.728       | 646           | 653         | 666          | rBV      | 475264         | 828377        | 5.65%           | 0.714%        |
| 5         | 6.887       | 673           | 680         | 693          | rBV      | 1325976        | 2144182       | 14.63%          | 1.847%        |
| 6         | 7.075       | 704           | 712         | 724          | rBV      | 1460318        | 2401636       | 16.39%          | 2.069%        |
| 7         | 7.540       | 784           | 791         | 802          | rBV      | 1169645        | 1855488       | 12.66%          | 1.598%        |
| 8         | 7.622       | 802           | 805         | 814          | rVB8     | 14183          | 29399         | 0.20%           | 0.025%        |
| 9         | 8.257       | 906           | 913         | 925          | rBV      | 1366004        | 2198969       | 15.00%          | 1.894%        |
| 10        | 8.693       | 980           | 987         | 996          | rBV      | 1714470        | 2865633       | 19.55%          | 2.468%        |
| 11        | 9.145       | 1058          | 1064        | 1070         | rBV3     | 25855          | 43898         | 0.30%           | 0.038%        |
| 12        | 9.410       | 1101          | 1109        | 1119         | rBV      | 1477834        | 2464153       | 16.81%          | 2.123%        |
| 13        | 9.945       | 1192          | 1200        | 1214         | rBV      | 2497145        | 4172963       | 28.47%          | 3.595%        |
| 14        | 10.316      | 1255          | 1263        | 1273         | rBV      | 1910970        | 3108135       | 21.21%          | 2.677%        |
| 15        | 10.463      | 1281          | 1288        | 1297         | rBV      | 114854         | 224363        | 1.53%           | 0.193%        |
| 16        | 11.916      | 1528          | 1535        | 1543         | rBV      | 41605          | 74279         | 0.51%           | 0.064%        |
| 17        | 12.810      | 1683          | 1687        | 1692         | rVB7     | 10674          | 16482         | 0.11%           | 0.014%        |
| 18        | 13.616      | 1816          | 1824        | 1829         | rBV      | 5021498        | 7025252       | 47.93%          | 6.052%        |
| 19        | 13.663      | 1829          | 1832        | 1845         | rVB      | 342730         | 466769        | 3.18%           | 0.402%        |
| 20        | 13.886      | 1862          | 1870        | 1886         | rBV      | 5845458        | 8617685       | 58.80%          | 7.423%        |
| 21        | 14.198      | 1916          | 1923        | 1931         | rBV      | 3371125        | 5016397       | 34.23%          | 4.321%        |
| 22        | 14.422      | 1954          | 1961        | 1976         | rBV      | 382215         | 716149        | 4.89%           | 0.617%        |
| 23        | 14.633      | 1991          | 1997        | 2002         | rVB7     | 31514          | 53280         | 0.36%           | 0.046%        |
| 24        | 15.027      | 2060          | 2064        | 2070         | rBV7     | 9605           | 16756         | 0.11%           | 0.014%        |
| 25        | 15.086      | 2070          | 2074        | 2078         | rVB5     | 10173          | 14837         | 0.10%           | 0.013%        |
| 26        | 15.198      | 2086          | 2093        | 2102         | rBV      | 7624657        | 11130830      | 75.95%          | 9.588%        |
| 27        | 15.327      | 2108          | 2115        | 2129         | rBV      | 2063265        | 2856414       | 19.49%          | 2.461%        |
| 28        | 15.433      | 2129          | 2133        | 2141         | rVB2     | 94626          | 148248        | 1.01%           | 0.128%        |
| 29        | 15.951      | 2216          | 2221        | 2223         | rBV5     | 10238          | 17488         | 0.12%           | 0.015%        |
| 30        | 15.980      | 2223          | 2226        | 2232         | rVB2     | 34097          | 51831         | 0.35%           | 0.045%        |
| 31        | 16.627      | 2332          | 2336        | 2339         | rVB5     | 17573          | 22696         | 0.15%           | 0.020%        |
| 32        | 16.733      | 2350          | 2354        | 2358         | rBV2     | 26531          | 36799         | 0.25%           | 0.032%        |
| 33        | 16.945      | 2384          | 2390        | 2400         | rBV      | 4433924        | 6202627       | 42.32%          | 5.343%        |
| 34        | 17.045      | 2400          | 2407        | 2420         | rVV      | 9049897        | 12585425      | 85.87%          | 10.841%       |

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 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 | 17.157 | 2423 | 2426 | 2430 | rVB4 | 18085    | 22497    | 0.15%   | 0.019%  |
| 36 | 17.868 | 2543 | 2547 | 2551 | rBV  | 109098   | 153510   | 1.05%   | 0.132%  |
| 37 | 17.980 | 2562 | 2566 | 2570 | rBV6 | 11237    | 17137    | 0.12%   | 0.015%  |
| 38 | 18.168 | 2595 | 2598 | 2602 | rBV6 | 10098    | 15775    | 0.11%   | 0.014%  |
| 39 | 18.980 | 2732 | 2736 | 2742 | rBV  | 105234   | 143864   | 0.98%   | 0.124%  |
| 40 | 19.157 | 2763 | 2766 | 2769 | rBV5 | 21427    | 30961    | 0.21%   | 0.027%  |
| 41 | 19.233 | 2775 | 2779 | 2784 | rVB  | 87768    | 118859   | 0.81%   | 0.102%  |
| 42 | 19.351 | 2792 | 2799 | 2806 | rBV  | 10793060 | 14655979 | 100.00% | 12.625% |
| 43 | 20.886 | 3056 | 3060 | 3067 | rBV  | 730946   | 981143   | 6.69%   | 0.845%  |
| 44 | 21.145 | 3099 | 3104 | 3111 | rBV  | 5032920  | 6410740  | 43.74%  | 5.522%  |
| 45 | 23.174 | 3442 | 3449 | 3456 | rBV  | 6383891  | 10809144 | 73.75%  | 9.311%  |
| 46 | 23.309 | 3466 | 3472 | 3483 | rVB  | 2851300  | 5126647  | 34.98%  | 4.416%  |

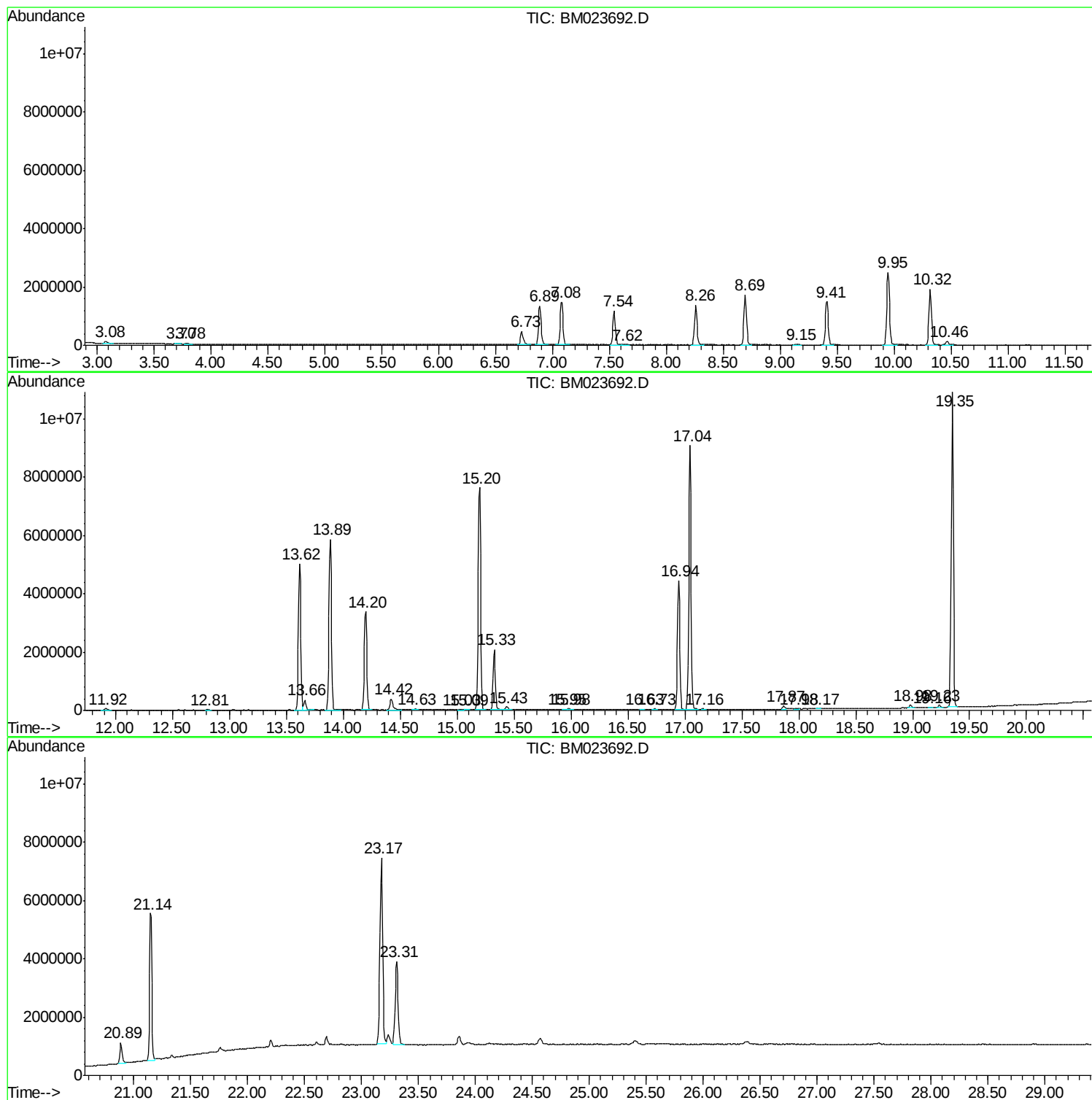
Sum of corrected areas: 116090610

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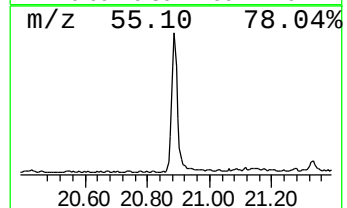
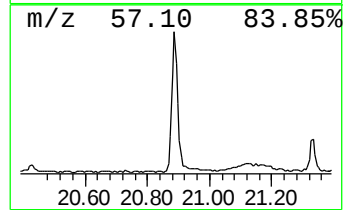
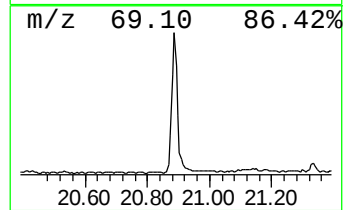
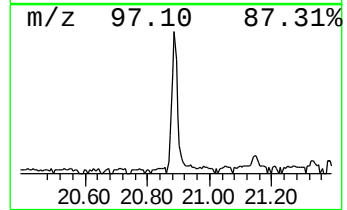
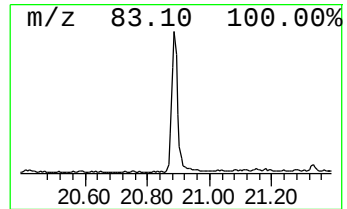
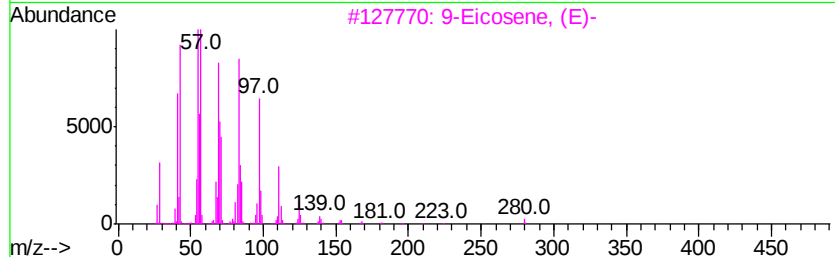
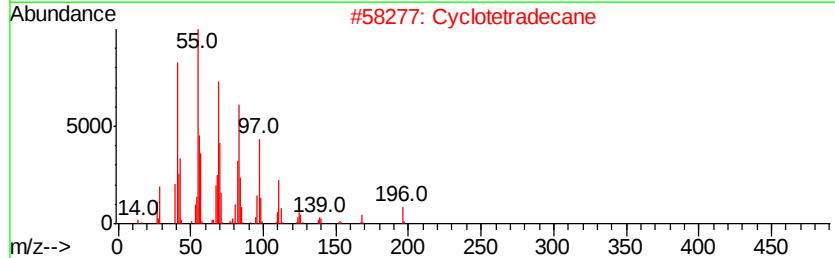
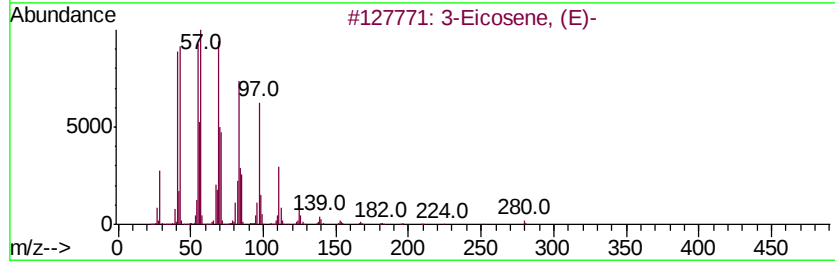
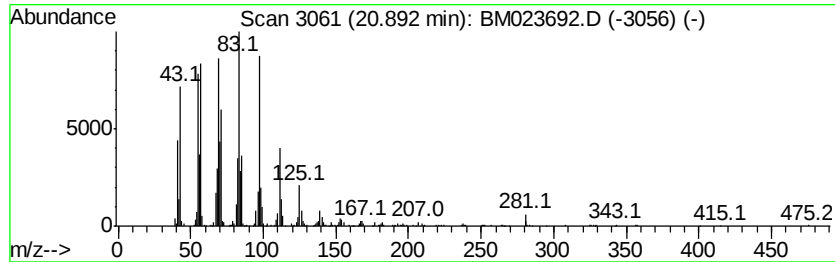
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
Quant Title : SVOA CALIBRATION

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     | 3.06 ng/ul       | 981143 | Chrysene-d12     |             | 21.14 |
| Hit# of 5 | Tentative ID     | MW     | MolForm          | CAS#        | Qual  |
| 1         | 3-Eicosene, (E)- | 280    | C20H40           | 074685-33-9 | 99    |
| 2         | Cyclotetradecane | 196    | C14H28           | 000295-17-0 | 94    |
| 3         | 9-Eicosene, (E)- | 280    | C20H40           | 074685-29-3 | 94    |
| 4         | n-Nonadecanol-1  | 284    | C19H40O          | 001454-84-8 | 94    |
| 5         | Behenic alcohol  | 326    | C22H46O          | 000661-19-8 | 93    |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Cyc... | 20.89 | 3.1     | ng/ul | 981143   | 5                     | 21.14 | 6410740 | 20.0 |