

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\  
 Data File : BM024224.D  
 Acq On : 23 Dec 2019 20:11  
 Operator : JU  
 Sample : K6200-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFF24

## 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-BM121719MA.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         | 2.999       | 16            | 19          | 26           | rVB      | 43061          | 61217         | 0.91%           | 0.101%        |
| 2         | 6.634       | 632           | 637         | 651          | rBV      | 216489         | 433221        | 6.47%           | 0.713%        |
| 3         | 6.787       | 657           | 663         | 679          | rBV      | 725876         | 1245374       | 18.61%          | 2.050%        |
| 4         | 6.969       | 688           | 694         | 711          | rBV      | 806571         | 1376204       | 20.56%          | 2.265%        |
| 5         | 7.434       | 767           | 773         | 784          | rBV      | 789908         | 1286975       | 19.23%          | 2.118%        |
| 6         | 8.157       | 890           | 896         | 914          | rBV      | 633591         | 1125782       | 16.82%          | 1.853%        |
| 7         | 8.587       | 961           | 969         | 987          | rBV      | 891418         | 1581340       | 23.63%          | 2.603%        |
| 8         | 9.022       | 1037          | 1043        | 1048         | rBV2     | 28316          | 41360         | 0.62%           | 0.068%        |
| 9         | 9.304       | 1083          | 1091        | 1107         | rBV      | 719304         | 1269070       | 18.96%          | 2.089%        |
| 10        | 9.839       | 1176          | 1182        | 1206         | rBV      | 896247         | 1892270       | 28.27%          | 3.114%        |
| 11        | 10.198      | 1234          | 1243        | 1254         | rBV      | 1164466        | 1918789       | 28.67%          | 3.158%        |
| 12        | 10.392      | 1271          | 1276        | 1281         | rBV5     | 17462          | 40058         | 0.60%           | 0.066%        |
| 13        | 11.822      | 1515          | 1519        | 1528         | rBV3     | 9408           | 19851         | 0.30%           | 0.033%        |
| 14        | 12.939      | 1704          | 1709        | 1712         | rBV3     | 4677           | 6876          | 0.10%           | 0.011%        |
| 15        | 13.074      | 1729          | 1732        | 1737         | rVV5     | 6380           | 9730          | 0.15%           | 0.016%        |
| 16        | 13.522      | 1802          | 1808        | 1813         | rBV      | 2416434        | 3301954       | 49.34%          | 5.434%        |
| 17        | 13.569      | 1813          | 1816        | 1827         | rVB      | 160468         | 254230        | 3.80%           | 0.418%        |
| 18        | 13.780      | 1844          | 1852        | 1868         | rBV      | 2504084        | 3765695       | 56.27%          | 6.197%        |
| 19        | 13.886      | 1868          | 1870        | 1875         | rVB5     | 4996           | 7059          | 0.11%           | 0.012%        |
| 20        | 14.021      | 1889          | 1893        | 1897         | rVB5     | 6732           | 10353         | 0.15%           | 0.017%        |
| 21        | 14.098      | 1899          | 1906        | 1917         | rBV      | 1789528        | 2692592       | 40.23%          | 4.431%        |
| 22        | 14.369      | 1945          | 1952        | 1970         | rBV2     | 72637          | 243514        | 3.64%           | 0.401%        |
| 23        | 14.874      | 2034          | 2038        | 2045         | rBV      | 30185          | 44492         | 0.66%           | 0.073%        |
| 24        | 14.986      | 2054          | 2057        | 2062         | rVB6     | 8194           | 11273         | 0.17%           | 0.019%        |
| 25        | 15.098      | 2069          | 2076        | 2090         | rBV      | 3611576        | 5080611       | 75.91%          | 8.362%        |
| 26        | 15.251      | 2096          | 2102        | 2114         | rBV      | 909952         | 1436593       | 21.47%          | 2.364%        |
| 27        | 15.345      | 2114          | 2118        | 2125         | rVV2     | 41634          | 80795         | 1.21%           | 0.133%        |
| 28        | 15.539      | 2146          | 2151        | 2155         | rVB5     | 7798           | 11438         | 0.17%           | 0.019%        |
| 29        | 15.792      | 2191          | 2194        | 2198         | rBV5     | 5808           | 8597          | 0.13%           | 0.014%        |
| 30        | 15.851      | 2200          | 2204        | 2207         | rVV4     | 8440           | 11765         | 0.18%           | 0.019%        |
| 31        | 15.892      | 2207          | 2211        | 2214         | rVV5     | 13156          | 21867         | 0.33%           | 0.036%        |
| 32        | 16.433      | 2299          | 2303        | 2306         | rBV5     | 6767           | 7233          | 0.11%           | 0.012%        |
| 33        | 16.533      | 2318          | 2320        | 2325         | rVB5     | 10275          | 13163         | 0.20%           | 0.022%        |
| 34        | 16.645      | 2334          | 2339        | 2342         | rBV4     | 18460          | 27929         | 0.42%           | 0.046%        |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 16.739 | 2351 | 2355 | 2360 | rVB4 | 13593   | 19609   | 0.29%   | 0.032%  |
| 36 | 16.851 | 2368 | 2374 | 2384 | rBV  | 2249171 | 3153935 | 47.13%  | 5.191%  |
| 37 | 16.951 | 2384 | 2391 | 2408 | rVV  | 3618459 | 5216381 | 77.94%  | 8.585%  |
| 38 | 17.110 | 2414 | 2418 | 2421 | rBV3 | 16108   | 24127   | 0.36%   | 0.040%  |
| 39 | 17.245 | 2438 | 2441 | 2444 | rVV5 | 5596    | 7675    | 0.11%   | 0.013%  |
| 40 | 17.662 | 2508 | 2512 | 2516 | rBV6 | 21484   | 39684   | 0.59%   | 0.065%  |
| 41 | 17.780 | 2527 | 2532 | 2541 | rBV  | 172222  | 288216  | 4.31%   | 0.474%  |
| 42 | 17.886 | 2547 | 2550 | 2555 | rBV6 | 15606   | 26677   | 0.40%   | 0.044%  |
| 43 | 18.086 | 2579 | 2584 | 2588 | rBV5 | 27917   | 63480   | 0.95%   | 0.104%  |
| 44 | 18.333 | 2622 | 2626 | 2631 | rBV8 | 28288   | 56391   | 0.84%   | 0.093%  |
| 45 | 18.445 | 2643 | 2645 | 2648 | rBV3 | 16171   | 21619   | 0.32%   | 0.036%  |
| 46 | 18.545 | 2660 | 2662 | 2669 | rBV6 | 24382   | 32091   | 0.48%   | 0.053%  |
| 47 | 18.721 | 2689 | 2692 | 2696 | rBV5 | 33507   | 44971   | 0.67%   | 0.074%  |
| 48 | 18.898 | 2718 | 2722 | 2725 | rBV  | 57391   | 87937   | 1.31%   | 0.145%  |
| 49 | 18.945 | 2727 | 2730 | 2739 | rVB4 | 46662   | 106052  | 1.58%   | 0.175%  |
| 50 | 19.074 | 2748 | 2752 | 2755 | rBV2 | 69480   | 101244  | 1.51%   | 0.167%  |
| 51 | 19.151 | 2762 | 2765 | 2770 | rVB2 | 54208   | 73872   | 1.10%   | 0.122%  |
| 52 | 19.262 | 2778 | 2784 | 2790 | rBV  | 4568228 | 6313562 | 94.34%  | 10.391% |
| 53 | 20.809 | 3043 | 3047 | 3055 | rBV  | 643780  | 937470  | 14.01%  | 1.543%  |
| 54 | 21.068 | 3086 | 3091 | 3099 | rBV  | 2663099 | 3616768 | 54.04%  | 5.952%  |
| 55 | 22.109 | 3265 | 3268 | 3273 | rVB2 | 246750  | 290900  | 4.35%   | 0.479%  |
| 56 | 22.586 | 3346 | 3349 | 3353 | rVB  | 294679  | 373855  | 5.59%   | 0.615%  |
| 57 | 23.062 | 3424 | 3430 | 3436 | rBV  | 3914691 | 6692626 | 100.00% | 11.015% |
| 58 | 23.197 | 3447 | 3453 | 3463 | rVB  | 2049664 | 3833451 | 57.28%  | 6.309%  |

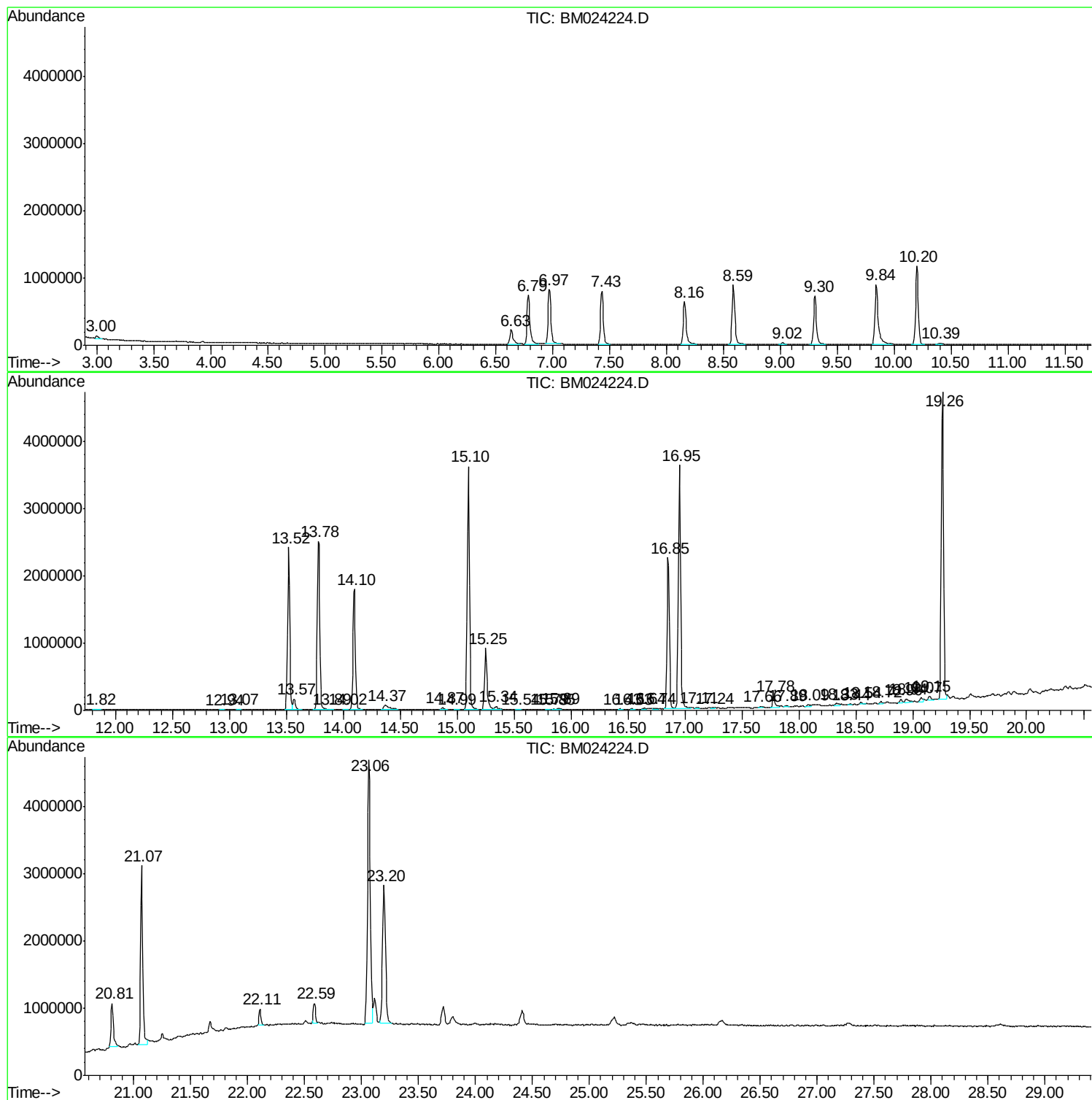
Sum of corrected areas: 60761863

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
Quant Title : SVOA CALIBRATION

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



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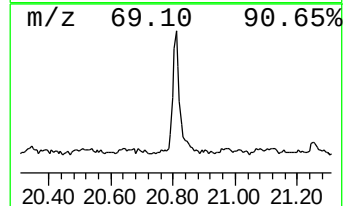
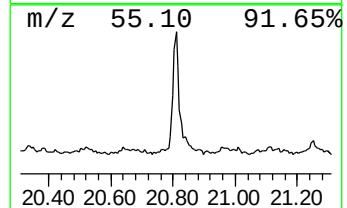
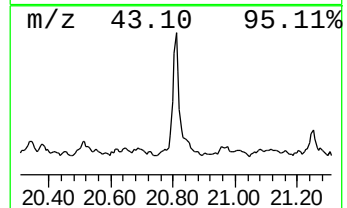
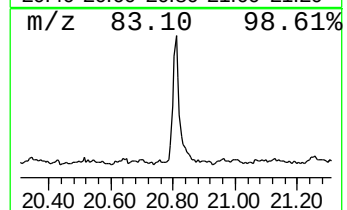
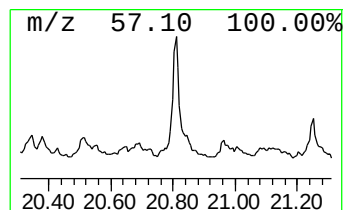
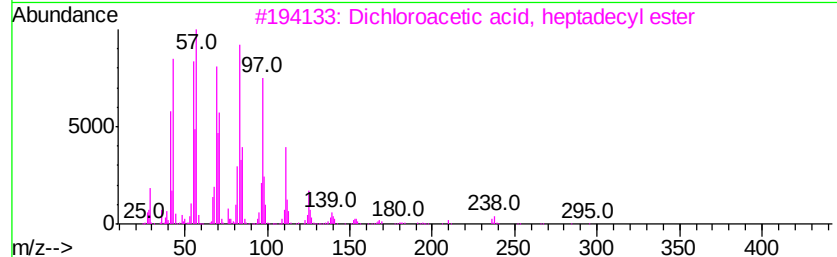
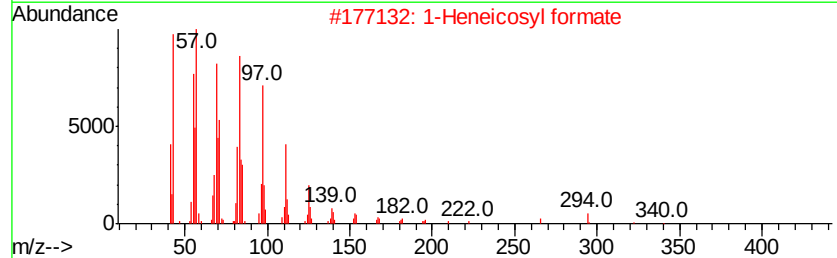
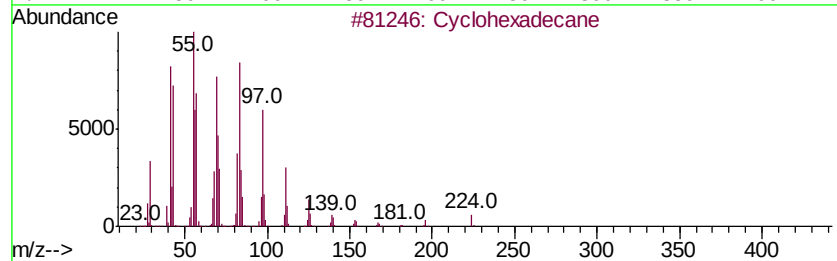
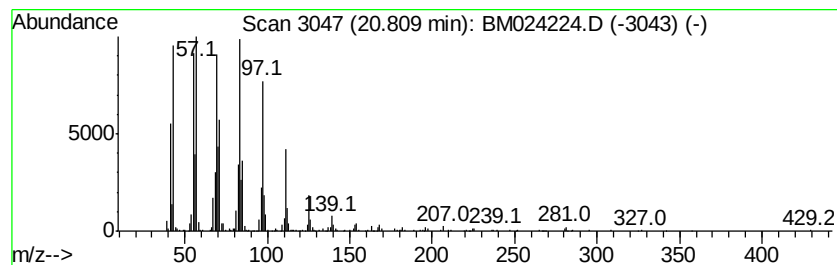
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TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 1 (DEL) Alkane: Cyclic20.81 Concentration Rank 1

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.            |
|---------|------------|-------------------------------------|------------------|-----------------|
| 20.81   | 5.18 ng/ul | 937470                              | Chrysene-d12     | 21.07           |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |            | Cyclohexadecane                     | 224 C16H32       | 000295-65-8 97  |
| 2       |            | 1-Heneicosyl formate                | 340 C22H44O2     | 077899-03-7 94  |
| 3       |            | Dichloroacetic acid, heptadecyl ... | 366 C19H36Cl2O2  | 1000282-98-2 94 |
| 4       |            | 9-Eicosene, (E)-                    | 280 C20H40       | 074685-29-3 93  |
| 5       |            | 2-Chloropropionic acid, octadec...  | 360 C21H41ClO2   | 088104-31-8 91  |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Cyc... | 20.81 | 5.2     | ng/ul | 937470   | 5                     | 21.07 | 3616770 | 20.0 |