

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110118\  
 Data File : BM017459.D  
 Acq On : 01 Nov 2018 11:14  
 Operator : MJ/SJ  
 Sample : PB114319BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK19

## 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-BM102418MA.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         | 3.222       | 36            | 40          | 47           | rVB      | 26709          | 42608         | 0.94%           | 0.092%        |
| 2         | 6.828       | 646           | 653         | 667          | rBV      | 460538         | 824615        | 18.21%          | 1.783%        |
| 3         | 6.992       | 675           | 681         | 691          | rBV      | 409565         | 649375        | 14.34%          | 1.404%        |
| 4         | 7.057       | 691           | 692         | 698          | rVB4     | 4564           | 5137          | 0.11%           | 0.011%        |
| 5         | 7.181       | 706           | 713         | 724          | rBV      | 523181         | 857973        | 18.95%          | 1.855%        |
| 6         | 7.645       | 785           | 792         | 800          | rBV      | 608060         | 994016        | 21.95%          | 2.149%        |
| 7         | 8.069       | 862           | 864         | 870          | rVB4     | 4762           | 6643          | 0.15%           | 0.014%        |
| 8         | 8.351       | 905           | 912         | 926          | rBV      | 608496         | 1067260       | 23.57%          | 2.308%        |
| 9         | 8.798       | 980           | 988         | 997          | rBV      | 524441         | 886170        | 19.57%          | 1.916%        |
| 10        | 9.510       | 1102          | 1109        | 1122         | rBV      | 439475         | 750635        | 16.58%          | 1.623%        |
| 11        | 10.045      | 1194          | 1200        | 1224         | rBV      | 543175         | 1132332       | 25.00%          | 2.449%        |
| 12        | 10.416      | 1256          | 1263        | 1275         | rBV      | 968551         | 1613734       | 35.64%          | 3.490%        |
| 13        | 10.569      | 1280          | 1289        | 1315         | rBV      | 597210         | 1288837       | 28.46%          | 2.787%        |
| 14        | 10.810      | 1327          | 1330        | 1336         | rVB5     | 3286           | 5090          | 0.11%           | 0.011%        |
| 15        | 12.022      | 1529          | 1536        | 1542         | rBV3     | 10870          | 22744         | 0.50%           | 0.049%        |
| 16        | 13.704      | 1813          | 1822        | 1842         | rBV      | 1307656        | 2077219       | 45.87%          | 4.492%        |
| 17        | 13.974      | 1861          | 1868        | 1886         | rBV      | 1536315        | 2404705       | 53.10%          | 5.200%        |
| 18        | 14.286      | 1914          | 1921        | 1936         | rBV2     | 1542023        | 2414900       | 53.33%          | 5.222%        |
| 19        | 14.527      | 1955          | 1962        | 1986         | rBV3     | 225941         | 880834        | 19.45%          | 1.905%        |
| 20        | 15.127      | 2061          | 2064        | 2068         | rVB4     | 4520           | 5924          | 0.13%           | 0.013%        |
| 21        | 15.286      | 2084          | 2091        | 2108         | rBV      | 2028608        | 3229828       | 71.32%          | 6.984%        |
| 22        | 15.415      | 2108          | 2113        | 2127         | rVV      | 502271         | 845137        | 18.66%          | 1.828%        |
| 23        | 15.527      | 2128          | 2132        | 2138         | rVB3     | 28941          | 46405         | 1.02%           | 0.100%        |
| 24        | 16.833      | 2347          | 2354        | 2357         | rBV3     | 9687           | 15731         | 0.35%           | 0.034%        |
| 25        | 17.039      | 2382          | 2389        | 2399         | rBV      | 2103956        | 3177493       | 70.17%          | 6.871%        |
| 26        | 17.139      | 2399          | 2406        | 2426         | rVV      | 2408487        | 3785799       | 83.60%          | 8.186%        |
| 27        | 17.651      | 2490          | 2493        | 2494         | rBV4     | 4352           | 4815          | 0.11%           | 0.010%        |
| 28        | 17.721      | 2503          | 2505        | 2510         | rVB6     | 3175           | 4647          | 0.10%           | 0.010%        |
| 29        | 17.904      | 2534          | 2536        | 2541         | rBV4     | 4145           | 6141          | 0.14%           | 0.013%        |
| 30        | 17.945      | 2541          | 2543        | 2547         | rBV4     | 4178           | 6640          | 0.15%           | 0.014%        |
| 31        | 18.351      | 2610          | 2612        | 2615         | rBV3     | 3978           | 5091          | 0.11%           | 0.011%        |
| 32        | 18.692      | 2667          | 2670        | 2673         | rBV5     | 5447           | 8938          | 0.20%           | 0.019%        |
| 33        | 19.074      | 2731          | 2735        | 2741         | rBV2     | 31721          | 46565         | 1.03%           | 0.101%        |
| 34        | 19.239      | 2760          | 2763        | 2771         | rBV10    | 6466           | 12648         | 0.28%           | 0.027%        |

## LSC Area Percent Report

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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-BM102418MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 19.327 | 2775 | 2778 | 2783 | rVV2 | 22191   | 30095   | 0.66%   | 0.065% |
| 36 | 19.439 | 2791 | 2797 | 2806 | rBV2 | 3180463 | 4528481 | 100.00% | 9.792% |
| 37 | 19.503 | 2806 | 2808 | 2814 | rVB2 | 25511   | 38393   | 0.85%   | 0.083% |
| 38 | 21.239 | 3097 | 3103 | 3112 | rBV  | 2954915 | 4121589 | 91.01%  | 8.913% |
| 39 | 23.303 | 3447 | 3454 | 3465 | rBV  | 2124382 | 4434396 | 97.92%  | 9.589% |
| 40 | 23.444 | 3471 | 3478 | 3491 | rVB  | 1733725 | 3568248 | 78.80%  | 7.716% |
| 41 | 23.962 | 3562 | 3566 | 3574 | rVB  | 208222  | 396959  | 8.77%   | 0.858% |

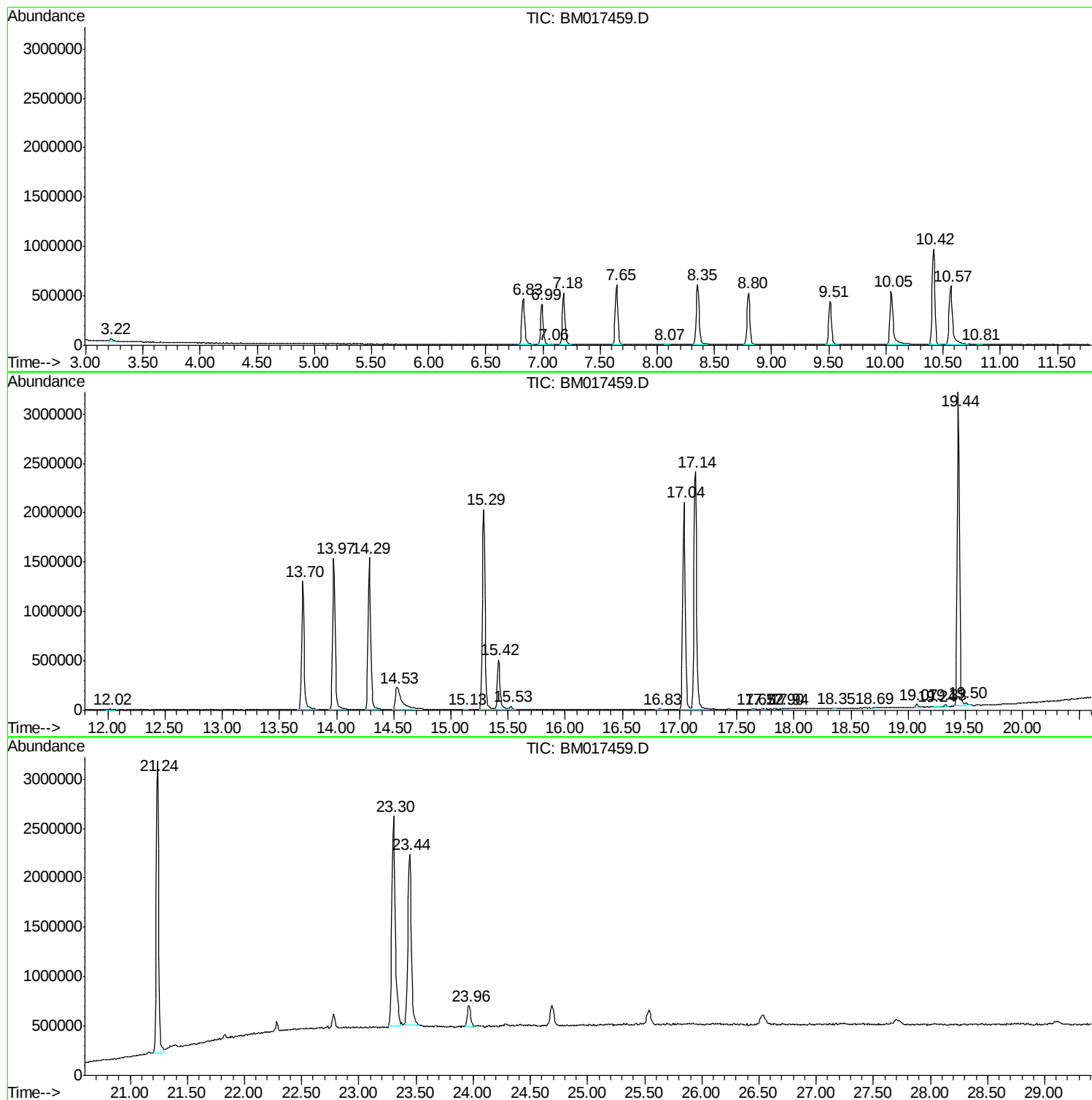
Sum of corrected areas: 46244790

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

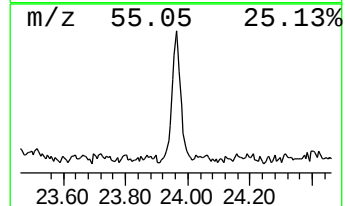
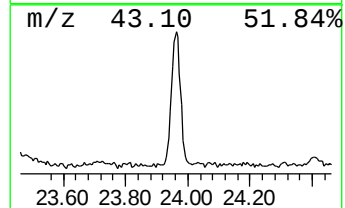
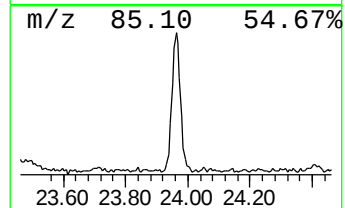
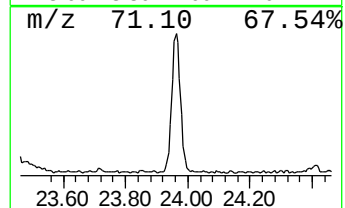
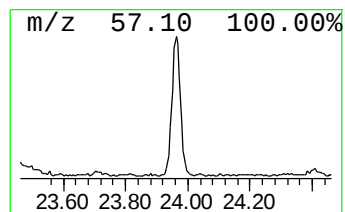
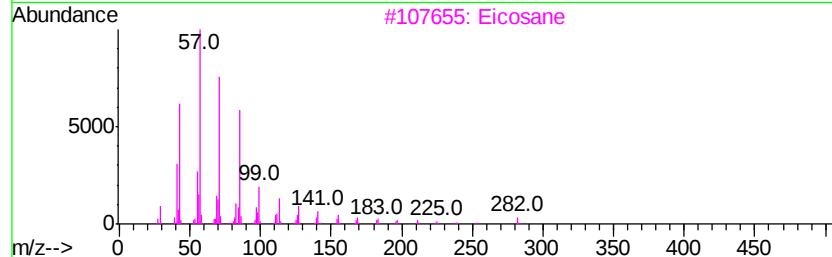
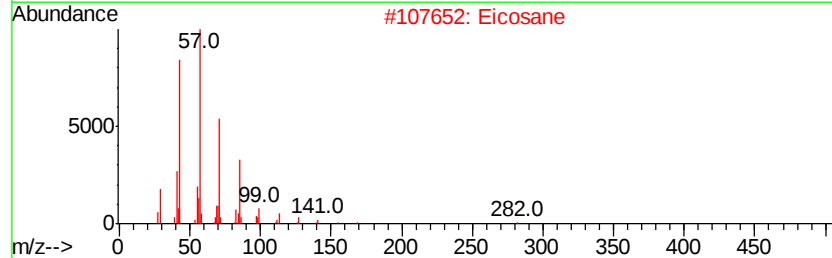
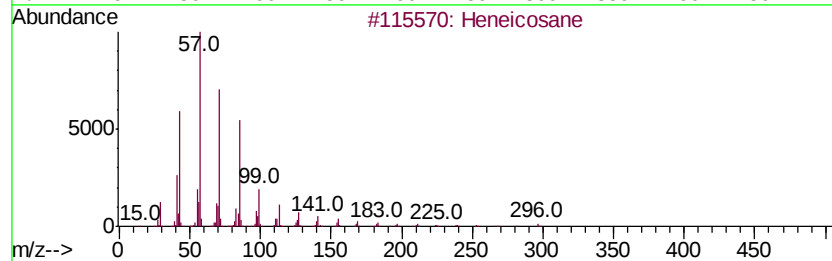
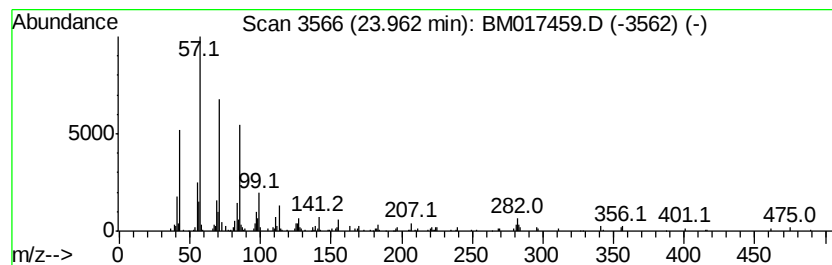
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.96 | 2.22 ng/ul | 396959 | Perylene-d12     | 23.44 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane  | 296 | C21H44  | 000629-94-7 | 98   |
| 2    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 93   |
| 3    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 93   |
| 4    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 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... | 23.96 | 2.2     | ng/ul | 396959   | 6                     | 23.44 | 3568250 | 20.0 |