

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM040519\  
 Data File : BM019757.D  
 Acq On : 05 Apr 2019 19:58  
 Operator : JU/SJ  
 Sample : K2269-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BR7

## 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<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         | 3.122       | 20            | 23          | 33           | rVB      | 20931          | 42614         | 0.96%           | 0.099%        |
| 2         | 6.752       | 632           | 640         | 658          | rBV      | 135196         | 289910        | 6.51%           | 0.676%        |
| 3         | 6.916       | 660           | 668         | 689          | rBV      | 542467         | 971281        | 21.80%          | 2.264%        |
| 4         | 7.099       | 692           | 699         | 713          | rVV      | 631969         | 1096139       | 24.60%          | 2.555%        |
| 5         | 7.557       | 771           | 777         | 789          | rBV      | 577450         | 952360        | 21.38%          | 2.220%        |
| 6         | 8.281       | 893           | 900         | 917          | rBV      | 472009         | 887635        | 19.92%          | 2.069%        |
| 7         | 8.734       | 968           | 977         | 992          | rBV      | 721453         | 1288200       | 28.91%          | 3.003%        |
| 8         | 9.051       | 1027          | 1031        | 1038         | rVB      | 14726          | 21173         | 0.48%           | 0.049%        |
| 9         | 9.446       | 1091          | 1098        | 1116         | rBV      | 608193         | 1097619       | 24.64%          | 2.558%        |
| 10        | 9.975       | 1181          | 1188        | 1211         | rBV      | 739901         | 1685877       | 37.84%          | 3.930%        |
| 11        | 10.340      | 1242          | 1250        | 1266         | rVB      | 913047         | 1509608       | 33.88%          | 3.519%        |
| 12        | 10.557      | 1280          | 1287        | 1297         | rBV3     | 11005          | 33469         | 0.75%           | 0.078%        |
| 13        | 11.540      | 1449          | 1454        | 1458         | rBV2     | 10636          | 14143         | 0.32%           | 0.033%        |
| 14        | 11.916      | 1515          | 1518        | 1522         | rBV2     | 3251           | 5102          | 0.11%           | 0.012%        |
| 15        | 11.969      | 1522          | 1527        | 1538         | rVB2     | 7846           | 18232         | 0.41%           | 0.042%        |
| 16        | 13.645      | 1805          | 1812        | 1826         | rBV      | 1794234        | 2543596       | 57.09%          | 5.929%        |
| 17        | 13.916      | 1851          | 1858        | 1879         | rBV      | 2180302        | 3299585       | 74.06%          | 7.691%        |
| 18        | 14.222      | 1904          | 1910        | 1923         | rBV2     | 1446807        | 2107211       | 47.30%          | 4.912%        |
| 19        | 14.516      | 1955          | 1960        | 1966         | rBV3     | 28403          | 78061         | 1.75%           | 0.182%        |
| 20        | 15.222      | 2074          | 2080        | 2097         | rBV      | 2777366        | 4020534       | 90.24%          | 9.371%        |
| 21        | 15.380      | 2101          | 2107        | 2118         | rVV      | 619008         | 1023519       | 22.97%          | 2.386%        |
| 22        | 15.469      | 2118          | 2122        | 2132         | rVB2     | 32252          | 53617         | 1.20%           | 0.125%        |
| 23        | 16.010      | 2210          | 2214        | 2220         | rVB3     | 7597           | 10261         | 0.23%           | 0.024%        |
| 24        | 16.774      | 2339          | 2344        | 2349         | rBV3     | 5780           | 8967          | 0.20%           | 0.021%        |
| 25        | 16.845      | 2349          | 2356        | 2359         | rBV5     | 2853           | 6198          | 0.14%           | 0.014%        |
| 26        | 16.980      | 2373          | 2379        | 2390         | rBV2     | 1780615        | 2522855       | 56.63%          | 5.880%        |
| 27        | 17.080      | 2390          | 2396        | 2408         | rBV      | 3060409        | 4415672       | 99.11%          | 10.292%       |
| 28        | 17.880      | 2526          | 2532        | 2533         | rBV3     | 6408           | 8636          | 0.19%           | 0.020%        |
| 29        | 17.957      | 2542          | 2545        | 2549         | rBV2     | 6907           | 6331          | 0.14%           | 0.015%        |
| 30        | 19.027      | 2723          | 2727        | 2735         | rBV      | 22933          | 33298         | 0.75%           | 0.078%        |
| 31        | 19.174      | 2748          | 2752        | 2753         | rBV4     | 6052           | 7439          | 0.17%           | 0.017%        |
| 32        | 19.280      | 2766          | 2770        | 2774         | rBV      | 22907          | 30777         | 0.69%           | 0.072%        |
| 33        | 19.392      | 2783          | 2789        | 2805         | rBV      | 3282048        | 4455274       | 100.00%         | 10.385%       |
| 34        | 21.192      | 3090          | 3095        | 3105         | rBV      | 1770589        | 2249139       | 50.48%          | 5.242%        |

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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-BM032219MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 21.751 | 3187 | 3190 | 3193 | rBV2 | 57486   | 66759   | 1.50%  | 0.156% |
| 36 | 22.198 | 3263 | 3266 | 3270 | rBV  | 87269   | 115907  | 2.60%  | 0.270% |
| 37 | 22.692 | 3347 | 3350 | 3357 | rVB2 | 128066  | 181860  | 4.08%  | 0.424% |
| 38 | 23.256 | 3439 | 3446 | 3456 | rBV2 | 1932948 | 3613097 | 81.10% | 8.422% |
| 39 | 23.398 | 3464 | 3470 | 3480 | rVB  | 1043232 | 1925832 | 43.23% | 4.489% |
| 40 | 23.856 | 3545 | 3548 | 3556 | rVB2 | 119119  | 204984  | 4.60%  | 0.478% |

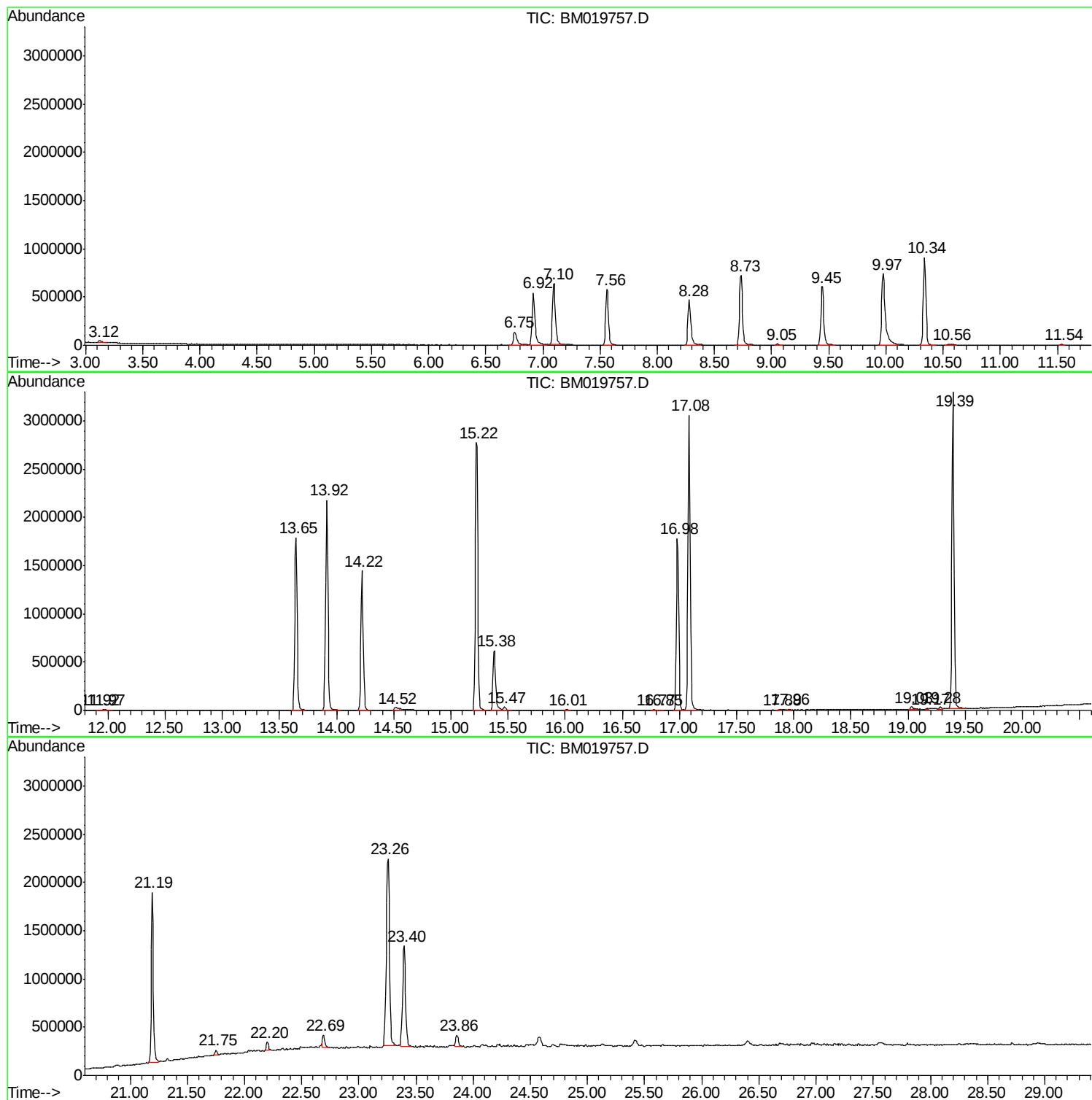
Sum of corrected areas: 42902771

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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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Quant Title : SVOA CALIBRATION

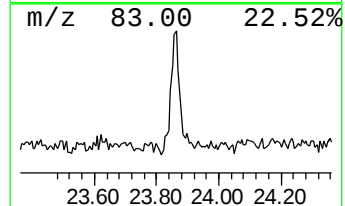
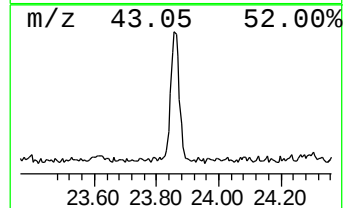
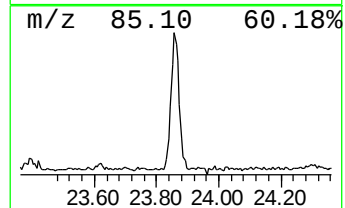
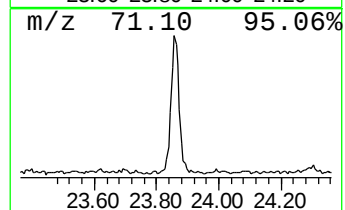
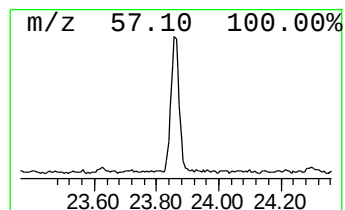
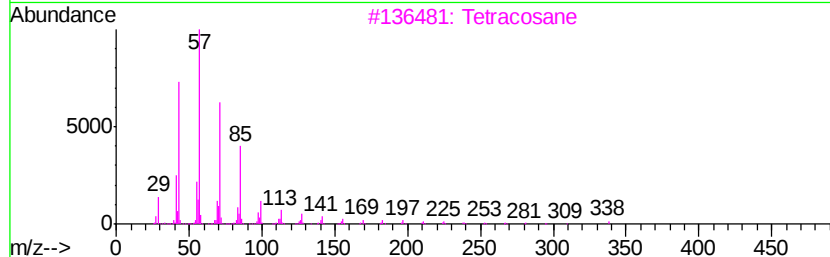
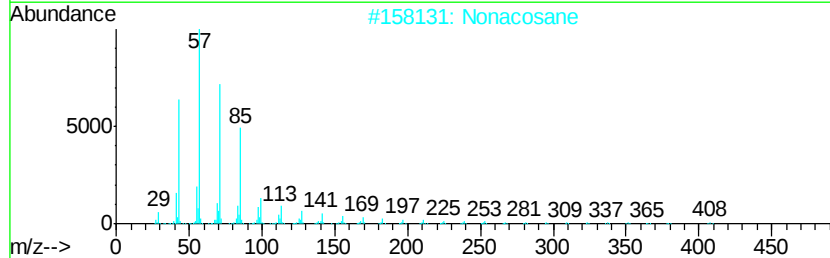
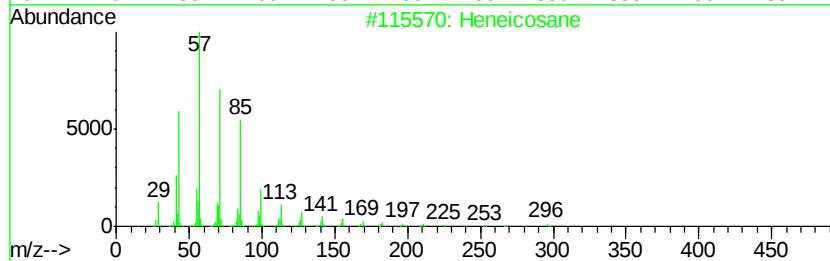
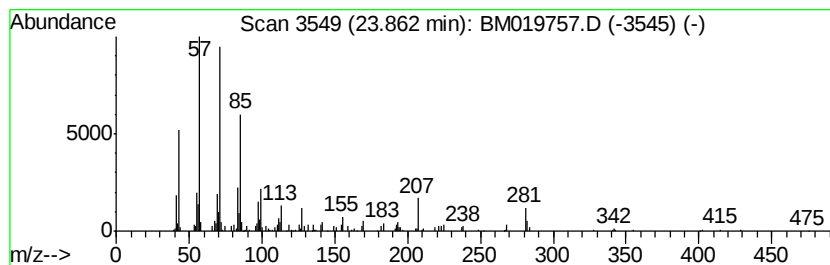
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.86 | 2.13 ng/ul | 204984 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane          | 296 | C21H44  | 000629-94-7 | 87   |
| 2    |    | Nonacosane           | 408 | C29H60  | 000630-03-5 | 68   |
| 3    |    | Tetracosane          | 338 | C24H50  | 000646-31-1 | 64   |
| 4    |    | Tricosane, 2-methyl- | 338 | C24H50  | 001928-30-9 | 64   |
| 5    |    | Docosane             | 310 | C22H46  | 000629-97-0 | 64   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 23.86 | 2.1     | ng/ul | 204984   | 6                     | 23.40 | 1925830 | 20.0 |