

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012521\  
 Data File : BM028531.D  
 Acq On : 25 Jan 2021 16:18  
 Operator : CG/JU  
 Sample : PB134057BL  
 Misc : PBBL-SFAM-MDL-S-01  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK057

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM011921.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM028531.D\data.ms

| 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         | 3.269       | 10            | 14          | 21           | rVB      | 10092          | 13020         | 1.58%           | 0.157%        |
| 2         | 3.716       | 87            | 90          | 110          | rBV      | 133858         | 214005        | 25.98%          | 2.573%        |
| 3         | 4.057       | 144           | 148         | 154          | rVB2     | 1380           | 2253          | 0.27%           | 0.027%        |
| 4         | 7.151       | 667           | 674         | 682          | rVB      | 170015         | 261784        | 31.79%          | 3.147%        |
| 5         | 7.316       | 696           | 702         | 710          | rBB      | 127710         | 193788        | 23.53%          | 2.330%        |
| 6         | 7.516       | 730           | 736         | 745          | rBB      | 175086         | 274699        | 33.35%          | 3.303%        |
| 7         | 7.992       | 811           | 817         | 823          | rBB      | 106175         | 160160        | 19.45%          | 1.926%        |
| 8         | 8.704       | 932           | 938         | 950          | rBB      | 196179         | 309905        | 37.63%          | 3.726%        |
| 9         | 9.163       | 1010          | 1016        | 1024         | rBV      | 154941         | 247023        | 29.99%          | 2.970%        |
| 10        | 9.886       | 1133          | 1139        | 1148         | rBB      | 126716         | 209224        | 25.40%          | 2.516%        |
| 11        | 10.427      | 1224          | 1231        | 1241         | rVB      | 198740         | 312920        | 37.99%          | 3.762%        |
| 12        | 10.804      | 1289          | 1295        | 1304         | rBB      | 132344         | 222941        | 27.07%          | 2.680%        |
| 13        | 10.945      | 1312          | 1319        | 1330         | rVB      | 196710         | 314130        | 38.14%          | 3.777%        |
| 14        | 12.386      | 1561          | 1564        | 1569         | rVB2     | 2163           | 3278          | 0.40%           | 0.039%        |
| 15        | 14.045      | 1839          | 1846        | 1852         | rBV      | 303748         | 415158        | 50.41%          | 4.992%        |
| 16        | 14.333      | 1888          | 1895        | 1902         | rBV      | 358587         | 516389        | 62.70%          | 6.209%        |
| 17        | 14.639      | 1940          | 1947        | 1953         | rVB      | 188045         | 273223        | 33.17%          | 3.285%        |
| 18        | 14.833      | 1974          | 1980        | 1989         | rBV      | 154093         | 217292        | 26.38%          | 2.613%        |
| 19        | 15.621      | 2108          | 2114        | 2121         | rVB      | 434827         | 604105        | 73.35%          | 7.263%        |
| 20        | 15.745      | 2130          | 2135        | 2146         | rBV      | 157155         | 201523        | 24.47%          | 2.423%        |
| 21        | 15.862      | 2150          | 2155        | 2159         | rBV      | 2857           | 4288          | 0.52%           | 0.052%        |
| 22        | 16.398      | 2240          | 2246        | 2249         | rBV3     | 1050           | 1389          | 0.17%           | 0.017%        |
| 23        | 17.362      | 2405          | 2410        | 2416         | rBV      | 223405         | 300388        | 36.47%          | 3.612%        |
| 24        | 17.462      | 2421          | 2427        | 2434         | rBV      | 459428         | 629807        | 76.47%          | 7.572%        |
| 25        | 18.233      | 2552          | 2558        | 2565         | rBV5     | 3744           | 5705          | 0.69%           | 0.069%        |
| 26        | 19.150      | 2712          | 2714        | 2717         | rBV2     | 635            | 876           | 0.11%           | 0.011%        |
| 27        | 19.368      | 2747          | 2751        | 2756         | rBV      | 3883           | 5357          | 0.65%           | 0.064%        |
| 28        | 19.409      | 2756          | 2758        | 2761         | rVB4     | 970            | 1118          | 0.14%           | 0.013%        |
| 29        | 19.503      | 2771          | 2774        | 2777         | rBV3     | 2488           | 3096          | 0.38%           | 0.037%        |
| 30        | 19.621      | 2791          | 2794        | 2797         | rBV      | 3402           | 4277          | 0.52%           | 0.051%        |
| 31        | 19.733      | 2807          | 2813        | 2823         | rBV      | 566702         | 734050        | 89.13%          | 8.826%        |
| 32        | 21.497      | 3108          | 3113        | 3119         | rBV      | 285890         | 339673        | 41.24%          | 4.084%        |
| 33        | 22.533      | 3287          | 3289        | 3294         | rVB      | 21310          | 24860         | 3.02%           | 0.299%        |
| 34        | 23.050      | 3374          | 3377        | 3383         | rVB      | 34256          | 46349         | 5.63%           | 0.557%        |
| 35        | 23.627      | 3469          | 3475        | 3483         | rVB      | 448309         | 823599        | 100.00%         | 9.902%        |
| 36        | 23.774      | 3494          | 3500        | 3508         | rVB2     | 177310         | 337848        | 41.02%          | 4.062%        |

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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK057

Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 0.1 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM011921.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |       |       |        |        |
|----|--------|------|------|------|-----|-------|-------|--------|--------|
| 37 | 24.285 | 3583 | 3587 | 3594 | rVB | 48815 | 87788 | 10.66% | 1.055% |
|----|--------|------|------|------|-----|-------|-------|--------|--------|

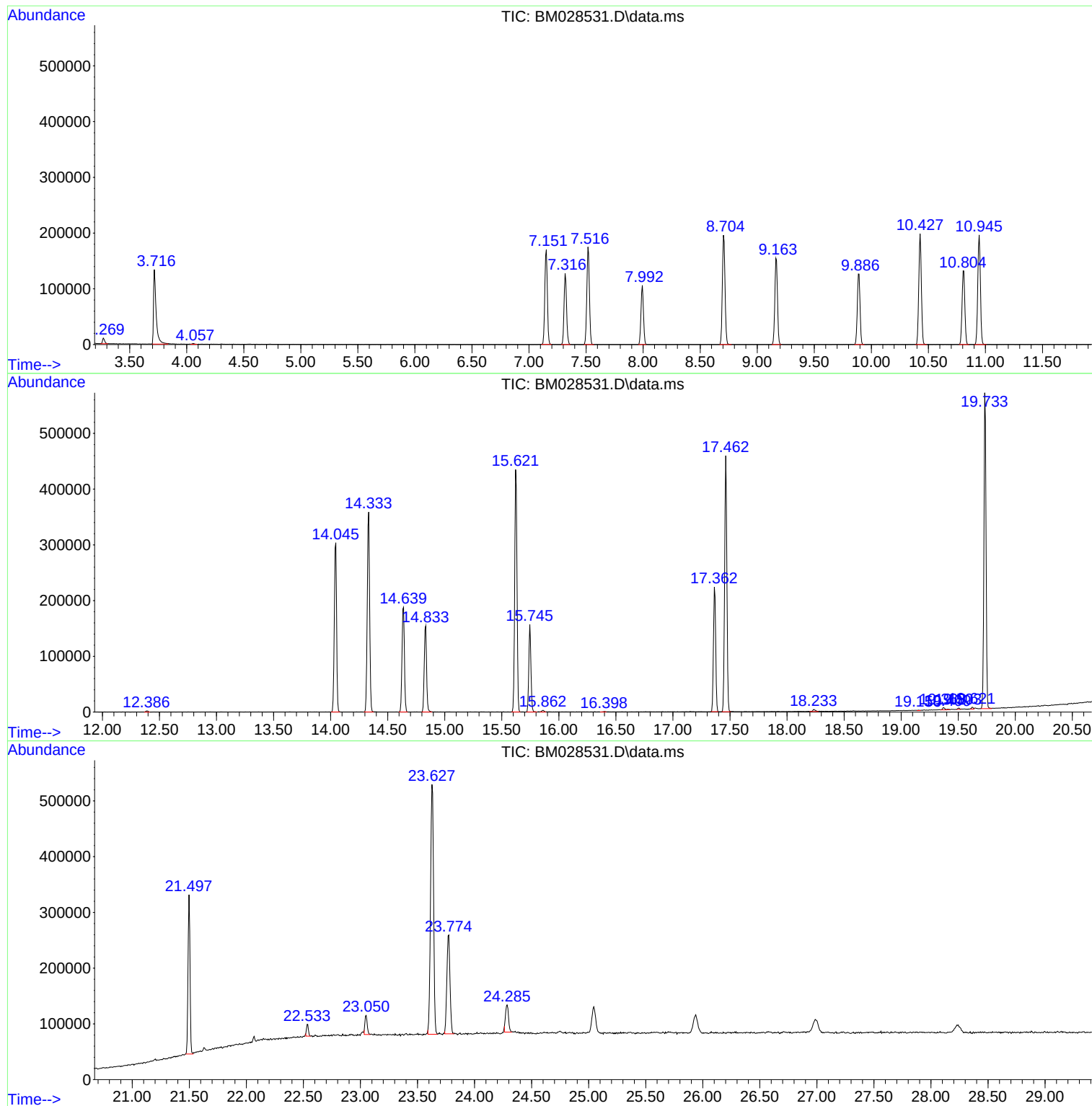
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM011921.M  
Quant Title : SVOA CALIBRATION

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



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Sample : PB134057BL  
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ALS Vial : 5 Sample Multiplier: 1

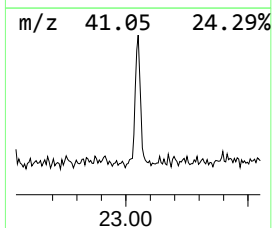
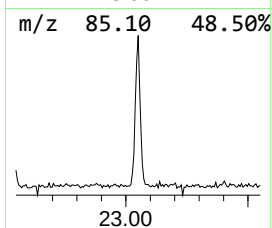
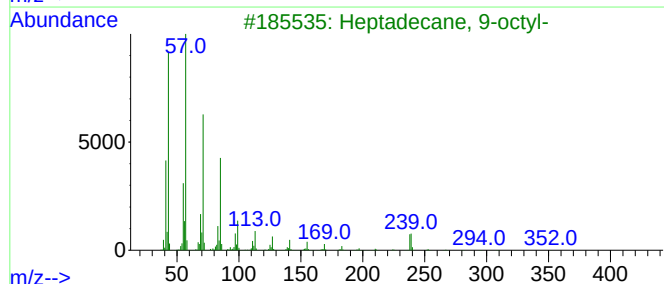
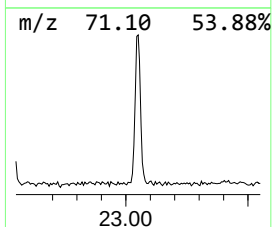
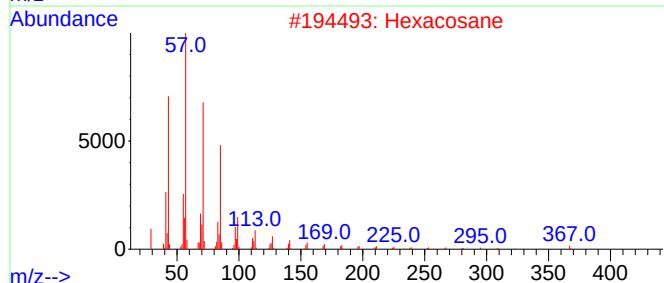
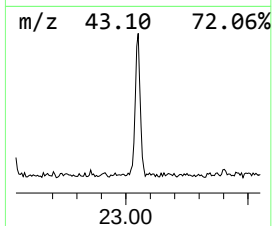
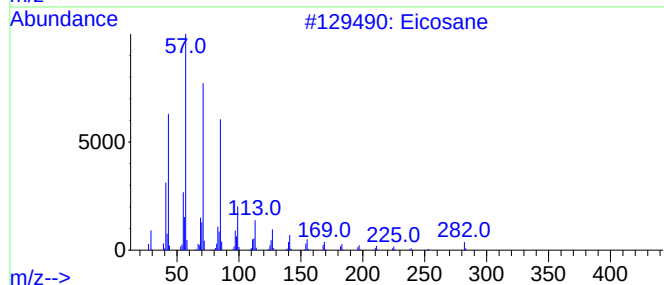
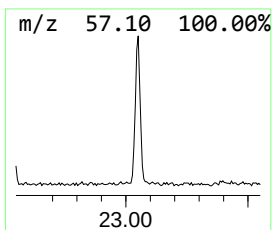
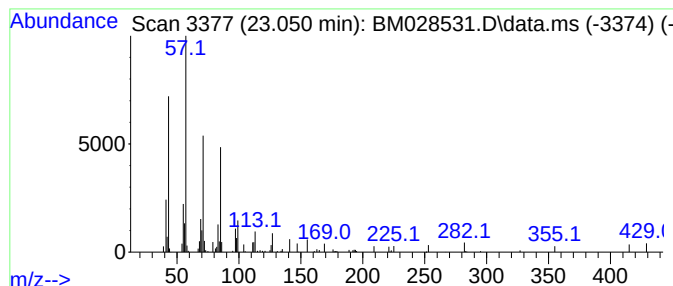
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM011921.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc               | Area  | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|-------|------------------|---------|-------------|------|
| 23.050    | 2.74 ng/ul            | 46349 | Perylene-d12     |         | 23.774      |      |
| Hit# of 5 | Tentative ID          |       | MW               | MolForm | CAS#        | Qual |
| 1         | Eicosane              |       | 282              | C20H42  | 000112-95-8 | 97   |
| 2         | Hexacosane            |       | 366              | C26H54  | 000630-01-3 | 87   |
| 3         | Heptadecane, 9-octyl- |       | 352              | C25H52  | 007225-64-1 | 87   |
| 4         | Heneicosane           |       | 296              | C21H44  | 000629-94-7 | 87   |
| 5         | Hexatriacontane       |       | 507              | C36H74  | 000630-06-8 | 87   |



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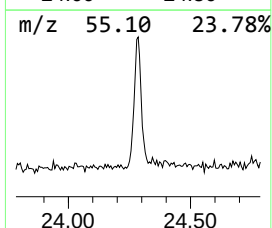
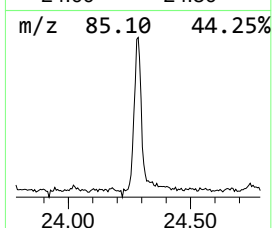
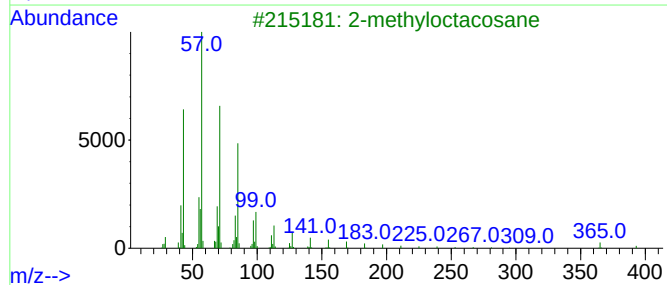
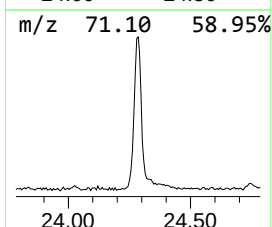
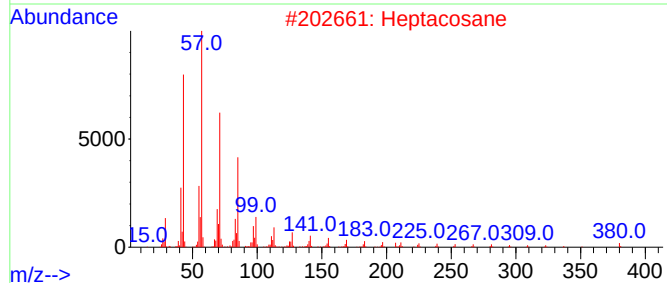
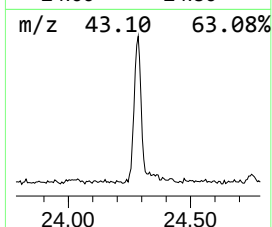
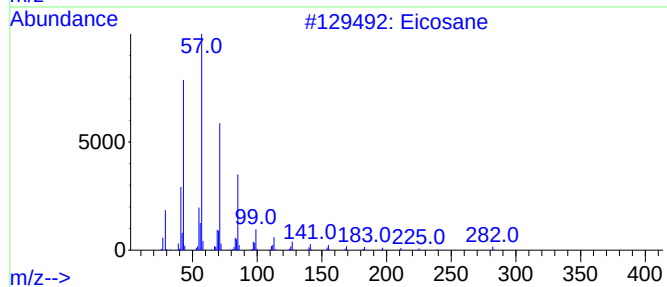
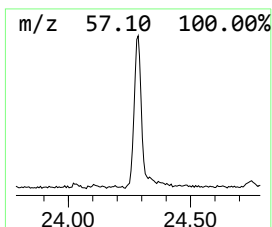
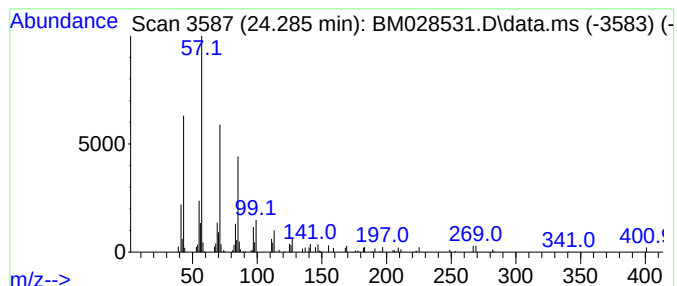
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 24.285 | 5.20 ng/ul | 87788 | Perylene-d12     | 23.774 |

| Hit# | of 5 | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|------|--------------------|-----|---------|--------------|------|
| 1    |      | Eicosane           | 282 | C20H42  | 000112-95-8  | 95   |
| 2    |      | Heptacosane        | 380 | C27H56  | 000593-49-7  | 90   |
| 3    |      | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 90   |
| 4    |      | Octacosane         | 394 | C28H58  | 000630-02-4  | 90   |
| 5    |      | Tetratetracontane  | 619 | C44H90  | 007098-22-8  | 90   |



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: S... | 23.050 | 2.7     | ng/u1 | 46349    | 6                     | 23.774 | 337848 | 20.0 |
| (DEL) Alkane: S... | 24.285 | 5.2     | ng/u1 | 87788    | 6                     | 23.774 | 337848 | 20.0 |