

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\  
 Data File : BN006093.D  
 Acq On : 05 Jun 2019 11:34  
 Operator : JU/SJ  
 Sample : PB120084BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK84

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\_N\METHODS\SOM-EPA-BN060419MA.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         | 3.152       | 24            | 28          | 37           | rVB      | 120496         | 153377        | 1.99%           | 0.166%        |
| 2         | 3.876       | 148           | 151         | 156          | rVB      | 21122          | 26660         | 0.35%           | 0.029%        |
| 3         | 4.870       | 318           | 320         | 326          | rVB5     | 6466           | 8132          | 0.11%           | 0.009%        |
| 4         | 6.817       | 645           | 651         | 671          | rBV      | 1481463        | 2437159       | 31.61%          | 2.630%        |
| 5         | 6.981       | 673           | 679         | 702          | rVB      | 1189405        | 1979853       | 25.68%          | 2.137%        |
| 6         | 7.175       | 706           | 712         | 727          | rBV      | 1548850        | 2501008       | 32.44%          | 2.699%        |
| 7         | 7.646       | 785           | 792         | 806          | rBV      | 1591330        | 2572567       | 33.37%          | 2.776%        |
| 8         | 8.352       | 905           | 912         | 929          | rBV      | 1782337        | 2982005       | 38.68%          | 3.218%        |
| 9         | 8.799       | 981           | 988         | 1001         | rBV      | 1414300        | 2361975       | 30.64%          | 2.549%        |
| 10        | 9.516       | 1100          | 1110        | 1126         | rBV      | 1143046        | 1952445       | 25.33%          | 2.107%        |
| 11        | 10.052      | 1194          | 1201        | 1226         | rBV      | 1706103        | 3008363       | 39.02%          | 3.247%        |
| 12        | 10.428      | 1257          | 1265        | 1281         | rBV      | 2318079        | 3787449       | 49.13%          | 4.088%        |
| 13        | 10.569      | 1281          | 1289        | 1317         | rVV      | 1730693        | 3120818       | 40.48%          | 3.368%        |
| 14        | 12.028      | 1531          | 1537        | 1543         | rBV3     | 19082          | 33028         | 0.43%           | 0.036%        |
| 15        | 13.710      | 1817          | 1823        | 1837         | rBV      | 2902741        | 4074489       | 52.85%          | 4.397%        |
| 16        | 13.993      | 1864          | 1871        | 1882         | rBV      | 3434457        | 5245112       | 68.04%          | 5.661%        |
| 17        | 14.299      | 1916          | 1923        | 1941         | rBV2     | 3122036        | 4877350       | 63.27%          | 5.264%        |
| 18        | 14.510      | 1953          | 1959        | 1982         | rBV      | 961181         | 1786663       | 23.18%          | 1.928%        |
| 19        | 15.298      | 2086          | 2093        | 2109         | rBV      | 4299234        | 6103309       | 79.17%          | 6.587%        |
| 20        | 15.428      | 2109          | 2115        | 2130         | rVV      | 1055276        | 1512052       | 19.61%          | 1.632%        |
| 21        | 15.540      | 2130          | 2134        | 2143         | rVB      | 51319          | 88290         | 1.15%           | 0.095%        |
| 22        | 16.087      | 2224          | 2227        | 2233         | rVB5     | 14509          | 19536         | 0.25%           | 0.021%        |
| 23        | 16.251      | 2251          | 2255        | 2260         | rBV5     | 5822           | 9571          | 0.12%           | 0.010%        |
| 24        | 16.840      | 2350          | 2355        | 2362         | rBV2     | 13377          | 21447         | 0.28%           | 0.023%        |
| 25        | 17.051      | 2385          | 2391        | 2402         | rBV2     | 3731532        | 5554648       | 72.05%          | 5.995%        |
| 26        | 17.151      | 2402          | 2408        | 2432         | rVB2     | 4247374        | 6435886       | 83.48%          | 6.946%        |
| 27        | 19.092      | 2734          | 2738        | 2744         | rBV      | 41632          | 58261         | 0.76%           | 0.063%        |
| 28        | 19.345      | 2778          | 2781        | 2787         | rVB      | 35061          | 48751         | 0.63%           | 0.053%        |
| 29        | 19.404      | 2788          | 2791        | 2794         | rBV4     | 8533           | 10427         | 0.14%           | 0.011%        |
| 30        | 19.463      | 2795          | 2801        | 2820         | rBV2     | 5057248        | 7135680       | 92.56%          | 7.701%        |
| 31        | 21.275      | 3103          | 3109        | 3125         | rBV      | 4394912        | 5942739       | 77.09%          | 6.414%        |
| 32        | 21.433      | 3134          | 3136        | 3143         | rVB2     | 40530          | 47700         | 0.62%           | 0.051%        |
| 33        | 21.875      | 3207          | 3211        | 3214         | rBV      | 112626         | 131737        | 1.71%           | 0.142%        |
| 34        | 22.333      | 3285          | 3289        | 3294         | rBV      | 248906         | 335861        | 4.36%           | 0.362%        |

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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

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Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 22.839 | 3371 | 3375 | 3381 | rVB  | 326582  | 462231  | 6.00%   | 0.499% |
| 36 | 23.369 | 3458 | 3465 | 3480 | rBV2 | 3600870 | 7709261 | 100.00% | 8.320% |
| 37 | 23.516 | 3482 | 3490 | 3504 | rVB  | 3075786 | 6045067 | 78.41%  | 6.524% |
| 38 | 24.045 | 3575 | 3580 | 3588 | rVB  | 376969  | 704943  | 9.14%   | 0.761% |
| 39 | 24.786 | 3700 | 3706 | 3716 | rVB  | 357004  | 778453  | 10.10%  | 0.840% |
| 40 | 25.645 | 3847 | 3852 | 3863 | rVB2 | 241641  | 593905  | 7.70%   | 0.641% |

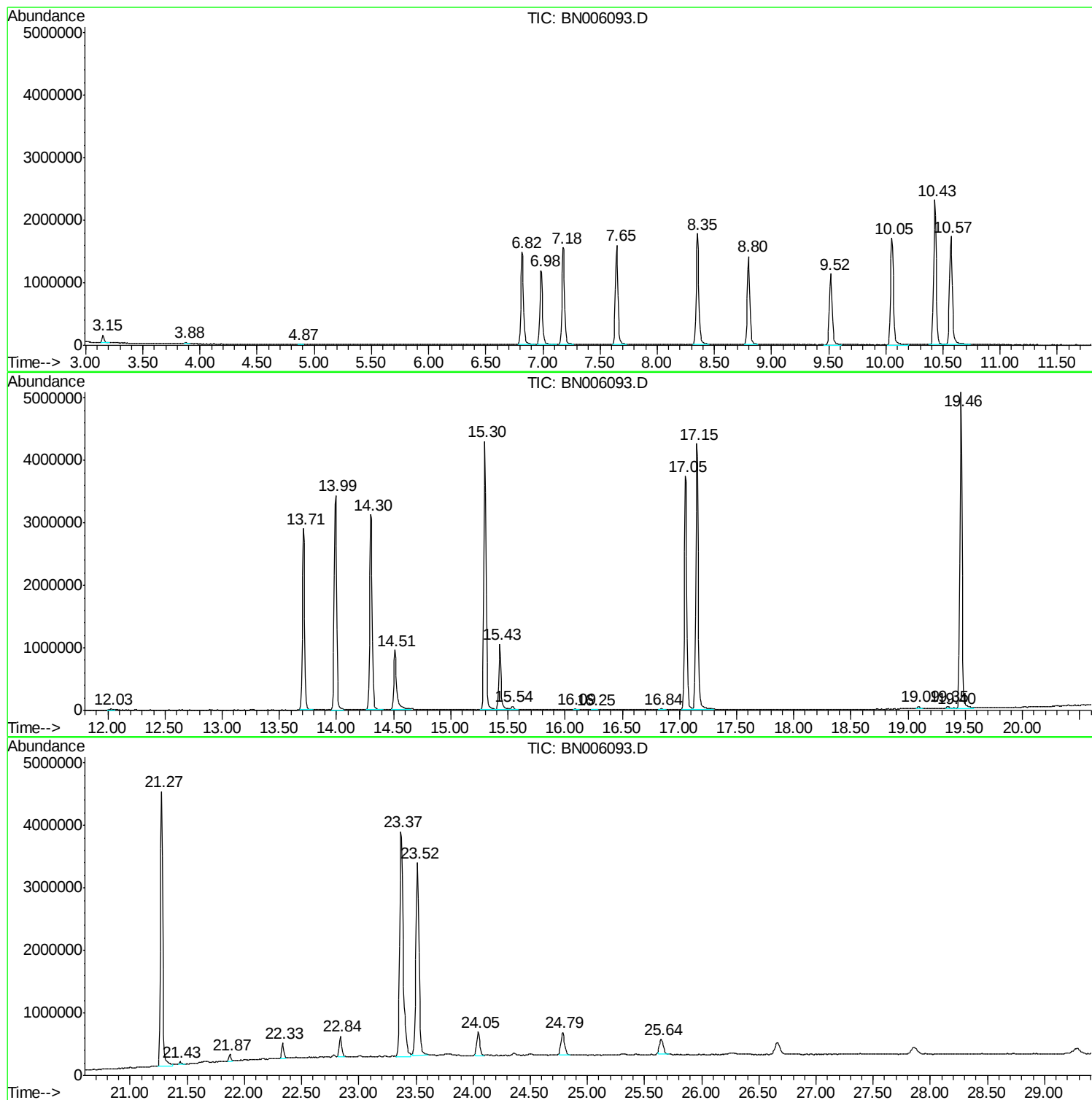
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN060419MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

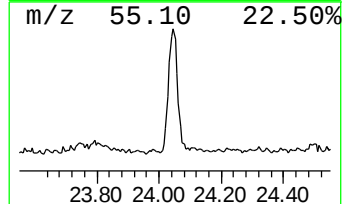
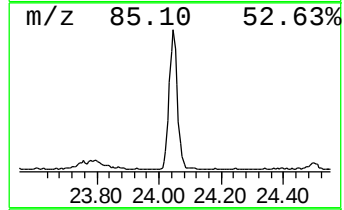
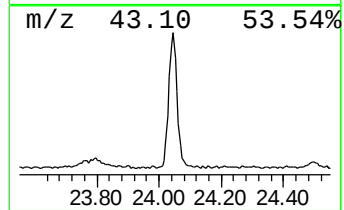
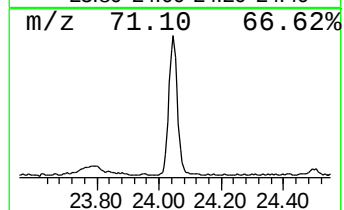
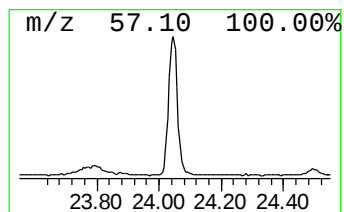
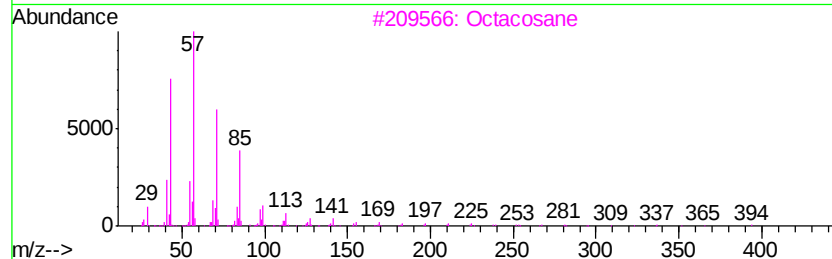
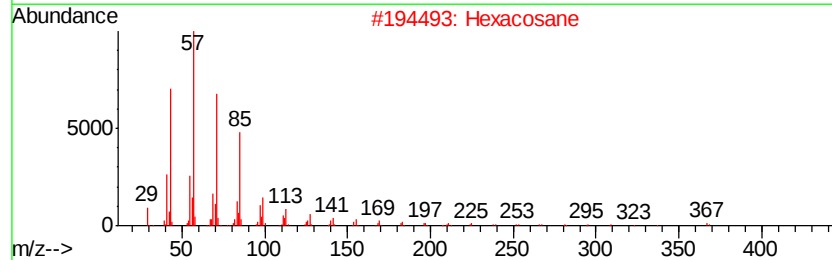
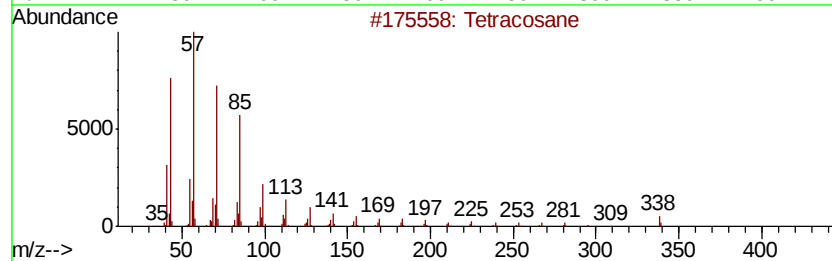
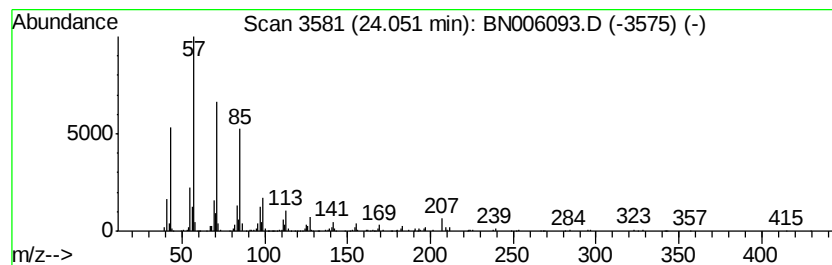
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.05 | 2.33 ng/ul | 704943 | Perylene-d12     | 23.52 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 2    |    | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 4    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |



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Quant Title : SVOA CALIBRATION

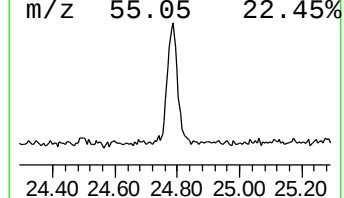
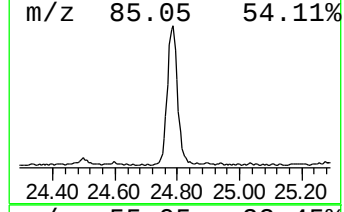
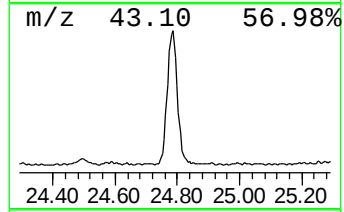
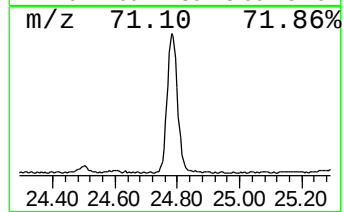
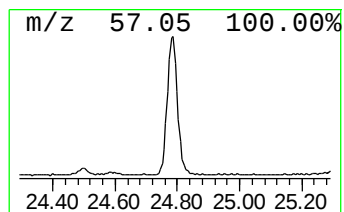
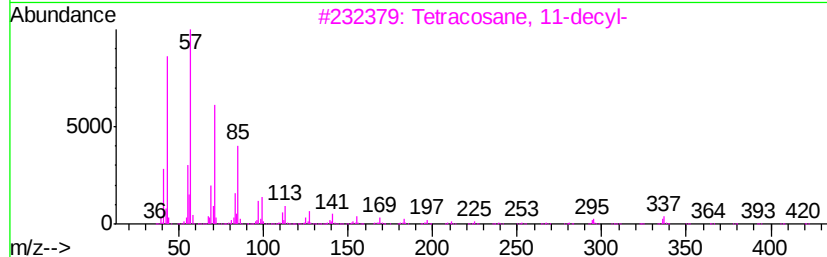
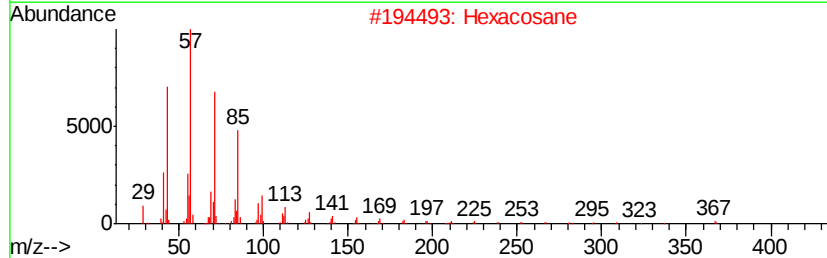
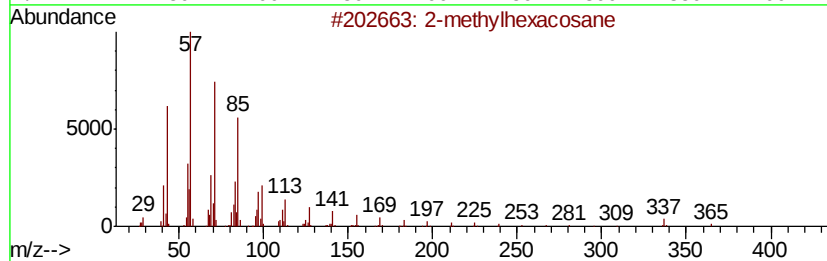
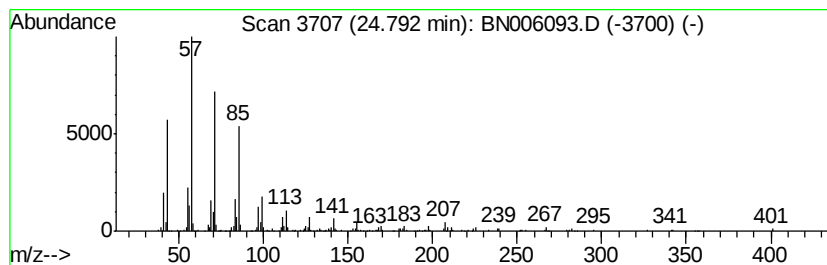
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.79 | 2.58 ng/ul | 778453 | Perylene-d12     | 23.52 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#         | Qual |
|------|----|------------------------------------|-----|---------|--------------|------|
| 1    | 5  | 2-methylhexacosane                 | 380 | C27H56  | 1000376-72-7 | 87   |
| 2    |    | Hexacosane                         | 366 | C26H54  | 000630-01-3  | 87   |
| 3    |    | Tetracosane, 11-decyl-             | 479 | C34H70  | 055429-84-0  | 87   |
| 4    |    | Octacosane                         | 394 | C28H58  | 000630-02-4  | 87   |
| 5    |    | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8  | 86   |



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|                      |       |         |       |          | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 24.05 | 2.3     | ng/ul | 704943   | 6                     | 23.52 | 6045070 | 20.0 |
| (DEL) Alkane: Str... | 24.79 | 2.6     | ng/ul | 778453   | 6                     | 23.52 | 6045070 | 20.0 |