

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030819\  
 Data File : BN004674.D  
 Acq On : 08 Mar 2019 15:48  
 Operator : JU/SJ  
 Sample : PB117721BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK21

## 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-BN030719MA.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         | 3.228       | 38            | 41          | 45           | rVB      | 4657           | 5798          | 0.87%           | 0.081%        |
| 2         | 4.281       | 217           | 220         | 224          | rVB2     | 446            | 816           | 0.12%           | 0.011%        |
| 3         | 4.546       | 264           | 265         | 269          | rVB2     | 720            | 669           | 0.10%           | 0.009%        |
| 4         | 5.317       | 394           | 396         | 399          | rBV2     | 654            | 688           | 0.10%           | 0.010%        |
| 5         | 5.517       | 427           | 430         | 433          | rBB2     | 694            | 811           | 0.12%           | 0.011%        |
| 6         | 5.546       | 433           | 435         | 437          | rBV      | 674            | 677           | 0.10%           | 0.009%        |
| 7         | 6.881       | 657           | 662         | 670          | rBB      | 89582          | 138823        | 20.91%          | 1.947%        |
| 8         | 7.064       | 687           | 693         | 703          | rBB      | 70338          | 107875        | 16.25%          | 1.513%        |
| 9         | 7.252       | 719           | 725         | 731          | rBB      | 103562         | 154328        | 23.24%          | 2.165%        |
| 10        | 7.722       | 799           | 805         | 811          | rBB      | 99127          | 147772        | 22.25%          | 2.073%        |
| 11        | 8.416       | 917           | 923         | 930          | rBB      | 128679         | 196285        | 29.56%          | 2.753%        |
| 12        | 8.881       | 996           | 1002        | 1009         | rBB      | 96774          | 150683        | 22.69%          | 2.114%        |
| 13        | 9.599       | 1118          | 1124        | 1130         | rBB      | 80994          | 127685        | 19.23%          | 1.791%        |
| 14        | 10.122      | 1207          | 1213        | 1220         | rVB      | 136709         | 216608        | 32.62%          | 3.038%        |
| 15        | 10.505      | 1272          | 1278        | 1285         | rBB      | 150175         | 247308        | 37.25%          | 3.469%        |
| 16        | 10.652      | 1296          | 1303        | 1312         | rBB      | 132716         | 216172        | 32.56%          | 3.032%        |
| 17        | 12.099      | 1546          | 1549        | 1552         | rBB      | 1389           | 1764          | 0.27%           | 0.025%        |
| 18        | 13.775      | 1828          | 1834        | 1839         | rBV      | 267157         | 363655        | 54.77%          | 5.101%        |
| 19        | 14.057      | 1875          | 1882        | 1888         | rBV      | 315639         | 454562        | 68.46%          | 6.376%        |
| 20        | 14.363      | 1928          | 1934        | 1940         | rBB2     | 250599         | 367448        | 55.34%          | 5.154%        |
| 21        | 14.563      | 1963          | 1968        | 1976         | rBB      | 110553         | 146740        | 22.10%          | 2.058%        |
| 22        | 15.357      | 2097          | 2103        | 2109         | rBB      | 407948         | 559759        | 84.30%          | 7.852%        |
| 23        | 15.481      | 2119          | 2124        | 2129         | rBV      | 105447         | 129734        | 19.54%          | 1.820%        |
| 24        | 15.598      | 2140          | 2144        | 2146         | rBB      | 2119           | 2355          | 0.35%           | 0.033%        |
| 25        | 16.892      | 2363          | 2364        | 2367         | rBB      | 827            | 690           | 0.10%           | 0.010%        |
| 26        | 17.110      | 2395          | 2401        | 2407         | rBB2     | 335679         | 451322        | 67.97%          | 6.331%        |
| 27        | 17.210      | 2412          | 2418        | 2424         | rBV      | 451054         | 608315        | 91.61%          | 8.533%        |
| 28        | 19.139      | 2743          | 2746        | 2750         | rBV      | 3375           | 4096          | 0.62%           | 0.057%        |
| 29        | 19.398      | 2787          | 2790        | 2794         | rBV      | 2511           | 2846          | 0.43%           | 0.040%        |
| 30        | 19.510      | 2803          | 2809        | 2816         | rBV2     | 492217         | 663996        | 100.00%         | 9.314%        |
| 31        | 20.163      | 2917          | 2920        | 2922         | rBV      | 515            | 713           | 0.11%           | 0.010%        |
| 32        | 20.357      | 2950          | 2953        | 2954         | rBV      | 1033           | 1190          | 0.18%           | 0.017%        |
| 33        | 20.710      | 3010          | 3013        | 3017         | rBV2     | 692            | 1168          | 0.18%           | 0.016%        |
| 34        | 20.816      | 3029          | 3031        | 3033         | rBV2     | 823            | 744           | 0.11%           | 0.010%        |

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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 | 21.310 | 3110 | 3115 | 3123 | rBV  | 365198 | 445481 | 67.09% | 6.249% |
| 36 | 21.445 | 3135 | 3138 | 3141 | rVB2 | 4724   | 4333   | 0.65%  | 0.061% |
| 37 | 21.880 | 3209 | 3212 | 3216 | rBV  | 9052   | 9550   | 1.44%  | 0.134% |
| 38 | 22.345 | 3287 | 3291 | 3296 | rVB  | 16407  | 20074  | 3.02%  | 0.282% |
| 39 | 22.474 | 3309 | 3313 | 3318 | rVB  | 20210  | 23147  | 3.49%  | 0.325% |
| 40 | 22.851 | 3373 | 3377 | 3382 | rVB  | 23797  | 33234  | 5.01%  | 0.466% |
| 41 | 23.427 | 3467 | 3475 | 3484 | rBV2 | 317969 | 590210 | 88.89% | 8.279% |
| 42 | 23.569 | 3492 | 3499 | 3509 | rVB2 | 221501 | 408499 | 61.52% | 5.730% |
| 43 | 24.068 | 3579 | 3584 | 3591 | rVB  | 24111  | 43814  | 6.60%  | 0.615% |
| 44 | 24.816 | 3705 | 3711 | 3718 | rVB2 | 21282  | 44973  | 6.77%  | 0.631% |
| 45 | 25.692 | 3854 | 3860 | 3869 | rVB2 | 12723  | 31873  | 4.80%  | 0.447% |

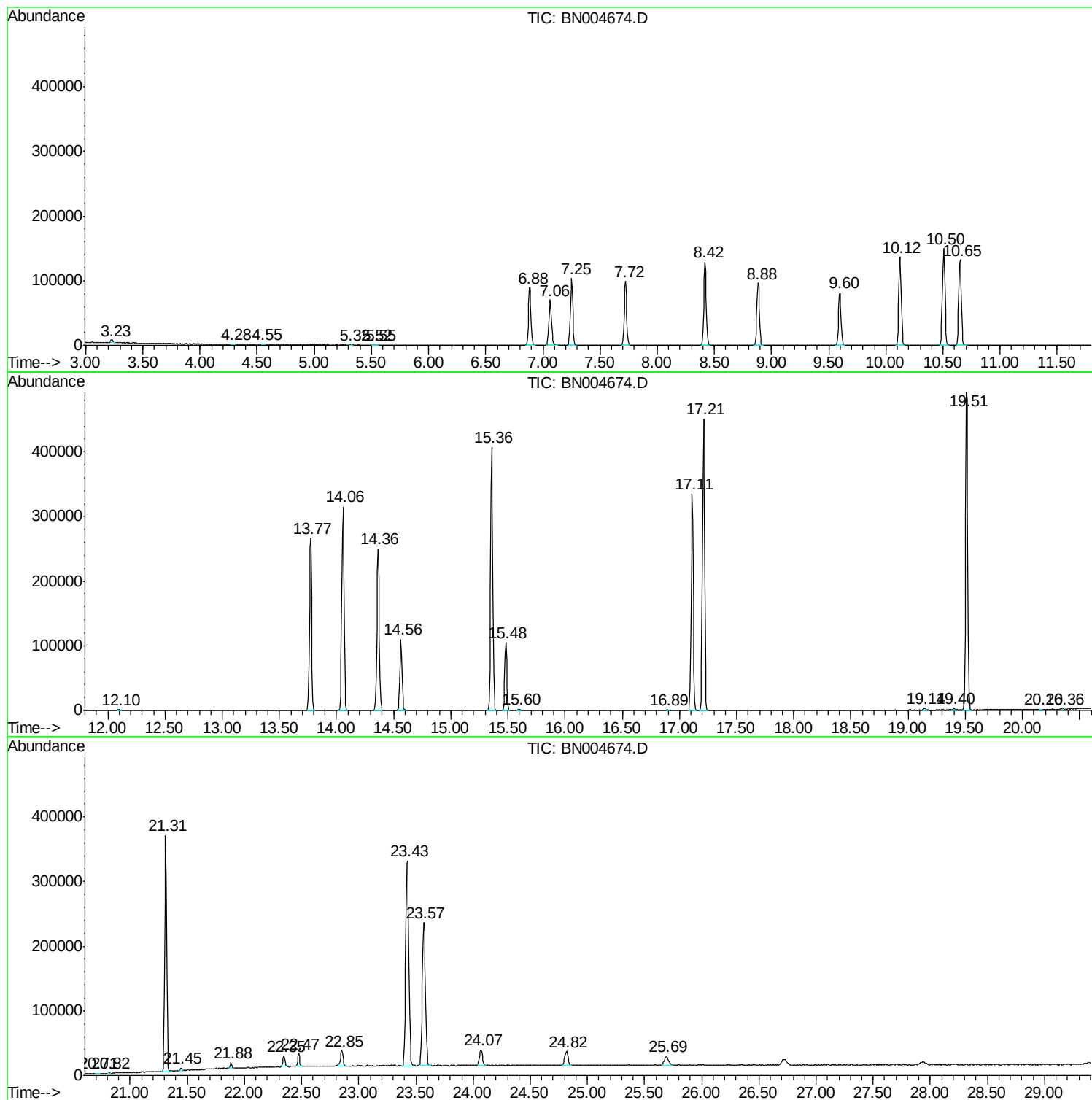
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN030719MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

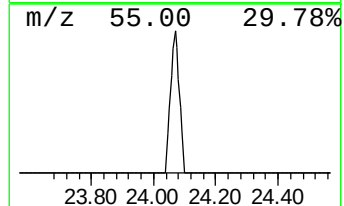
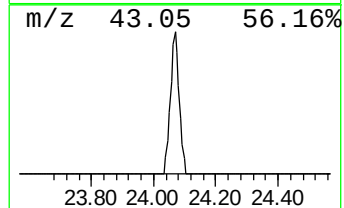
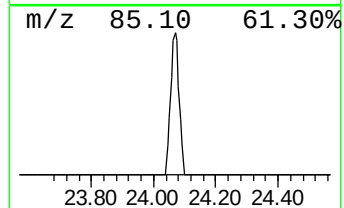
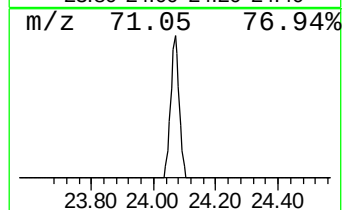
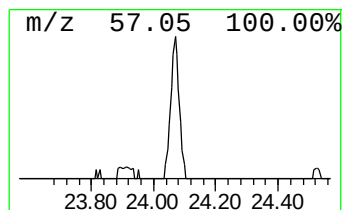
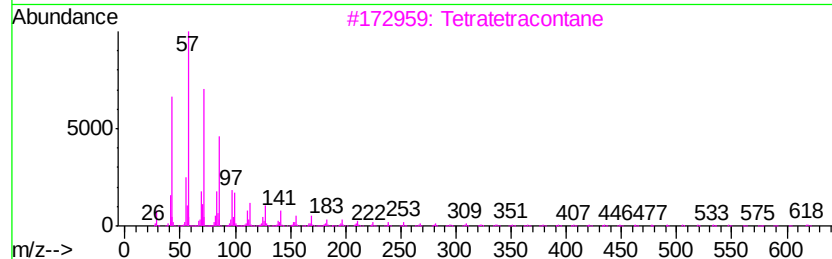
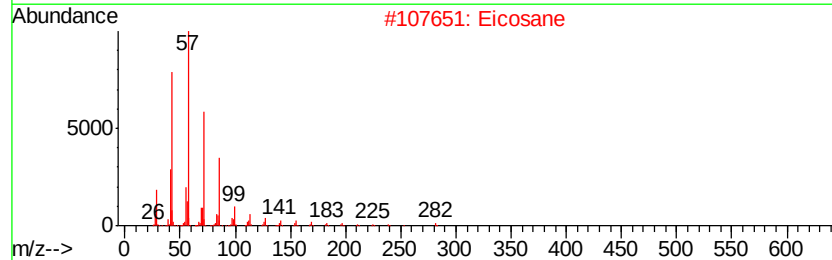
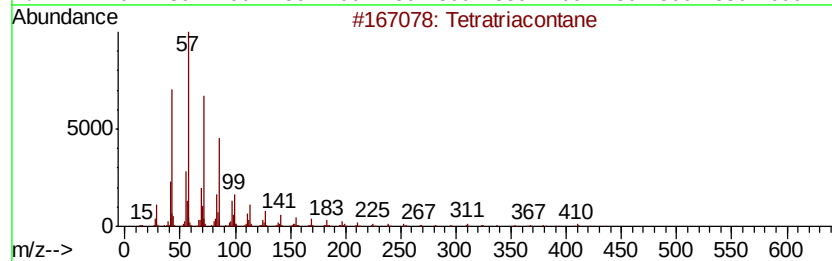
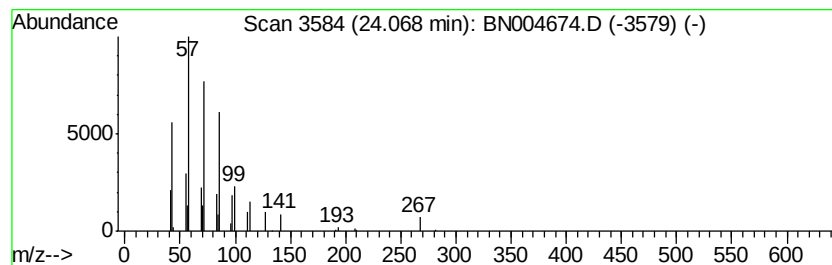
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 24.07 | 2.15 ng/ul | 43814 | Perylene-d12     | 23.57 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Tetratriacontane  | 479 | C34H70  | 014167-59-0 | 91   |
| 2    |    |   | Eicosane          | 282 | C20H42  | 000112-95-8 | 90   |
| 3    |    |   | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |
| 4    |    |   | Hexatriacontane   | 507 | C36H74  | 000630-06-8 | 90   |
| 5    |    |   | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |



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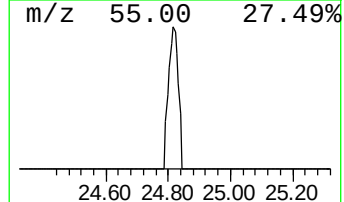
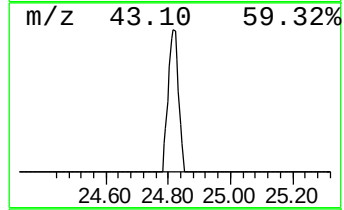
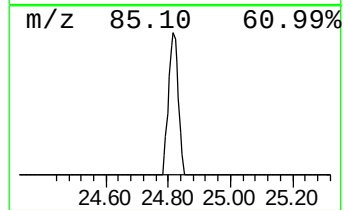
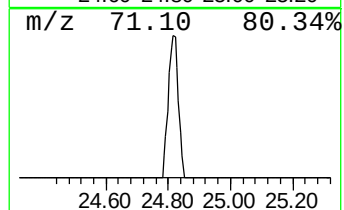
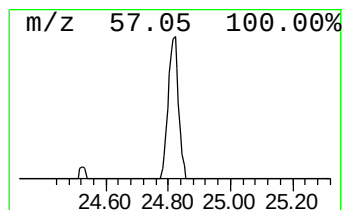
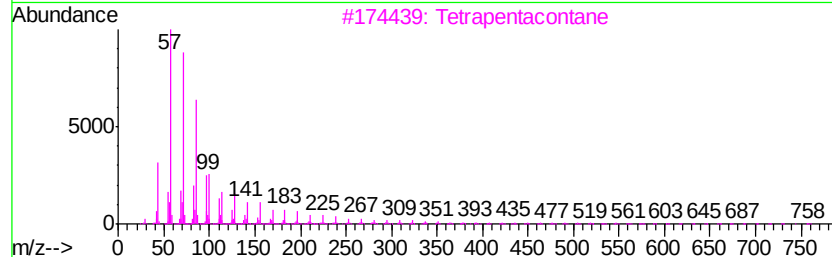
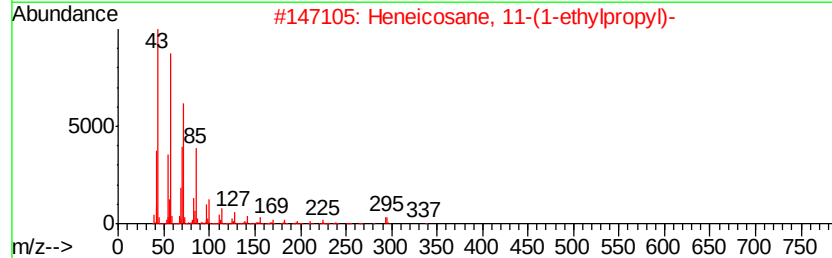
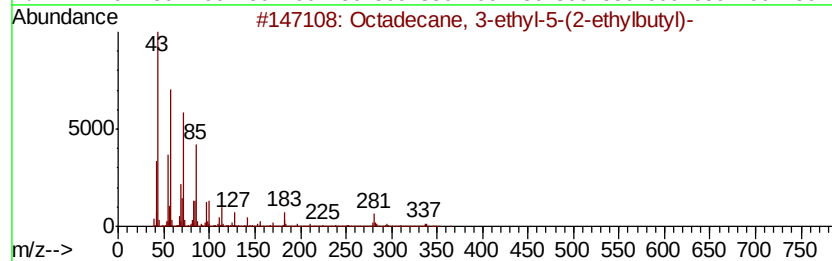
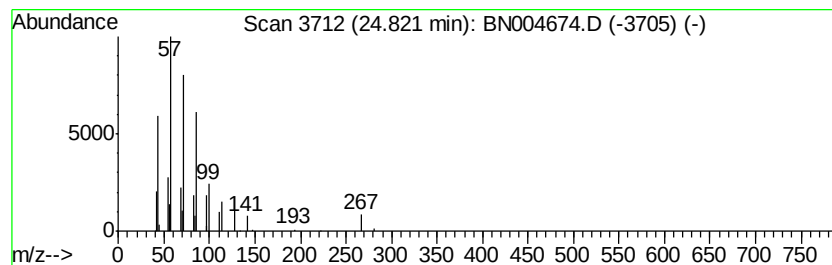
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 24.82 | 2.20 ng/ul | 44973 | Perylene-d12     | 23.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane, 3-ethyl-5-(2-ethylbu... | 366 | C26H54  | 055282-12-7 | 90   |
| 2    |    | Heneicosane, 11-(1-ethylpropyl)-    | 366 | C26H54  | 055282-11-6 | 90   |
| 3    |    | Tetrapentacontane                   | 759 | C54H110 | 005856-66-6 | 90   |
| 4    |    | Eicosane, 9-octyl-                  | 394 | C28H58  | 013475-77-9 | 90   |
| 5    |    | Tetratetracontane                   | 619 | C44H90  | 007098-22-8 | 90   |



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|                      |       |         |       |          | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: Str... | 24.07 | 2.1     | ng/ul | 43814    | 6                     | 23.57 | 408499 | 20.0 |
| (DEL) Alkane: Str... | 24.82 | 2.2     | ng/ul | 44973    | 6                     | 23.57 | 408499 | 20.0 |