

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\  
 Data File : BN005393.D  
 Acq On : 01 May 2019 04:19  
 Operator : JU/SJ  
 Sample : K2596-04 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFH40

## 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-BN041919MA.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         | 3.217       | 37            | 39          | 46           | rVB4     | 20516          | 27122         | 0.36%           | 0.051%        |
| 2         | 3.705       | 120           | 122         | 127          | rVB2     | 18560          | 23500         | 0.31%           | 0.045%        |
| 3         | 3.917       | 154           | 158         | 165          | rVB2     | 19579          | 29599         | 0.39%           | 0.056%        |
| 4         | 4.117       | 189           | 192         | 199          | rVB3     | 23439          | 29896         | 0.40%           | 0.057%        |
| 5         | 4.511       | 257           | 259         | 267          | rVB4     | 10633          | 13370         | 0.18%           | 0.025%        |
| 6         | 4.770       | 299           | 303         | 308          | rBV3     | 12067          | 20508         | 0.27%           | 0.039%        |
| 7         | 4.870       | 316           | 320         | 323          | rBV4     | 7777           | 11233         | 0.15%           | 0.021%        |
| 8         | 5.828       | 481           | 483         | 489          | rVB3     | 4285           | 7863          | 0.10%           | 0.015%        |
| 9         | 6.775       | 635           | 644         | 654          | rBV      | 372375         | 623480        | 8.24%           | 1.183%        |
| 10        | 6.940       | 663           | 672         | 683          | rBV      | 281918         | 433910        | 5.74%           | 0.823%        |
| 11        | 7.134       | 696           | 705         | 714          | rBV      | 374458         | 603990        | 7.99%           | 1.146%        |
| 12        | 7.593       | 776           | 783         | 792          | rBV      | 2038194        | 3198487       | 42.29%          | 6.070%        |
| 13        | 7.658       | 792           | 794         | 800          | rVB5     | 6615           | 9898          | 0.13%           | 0.019%        |
| 14        | 8.293       | 895           | 902         | 911          | rBV      | 442466         | 759001        | 10.04%          | 1.440%        |
| 15        | 8.734       | 970           | 977         | 987          | rBV      | 329736         | 571979        | 7.56%           | 1.085%        |
| 16        | 9.175       | 1049          | 1052        | 1056         | rVB2     | 15099          | 19669         | 0.26%           | 0.037%        |
| 17        | 9.446       | 1092          | 1098        | 1106         | rBV      | 270964         | 474500        | 6.27%           | 0.900%        |
| 18        | 9.981       | 1182          | 1189        | 1198         | rBV      | 448056         | 794204        | 10.50%          | 1.507%        |
| 19        | 10.352      | 1243          | 1252        | 1265         | rBV      | 2864340        | 4756814       | 62.90%          | 9.027%        |
| 20        | 10.493      | 1268          | 1276        | 1292         | rVV2     | 267713         | 551902        | 7.30%           | 1.047%        |
| 21        | 11.952      | 1522          | 1524        | 1528         | rVB6     | 6183           | 8943          | 0.12%           | 0.017%        |
| 22        | 12.499      | 1613          | 1617        | 1621         | rBV6     | 6000           | 9899          | 0.13%           | 0.019%        |
| 23        | 12.734      | 1652          | 1657        | 1661         | rBV5     | 3496           | 8109          | 0.11%           | 0.015%        |
| 24        | 12.840      | 1674          | 1675        | 1681         | rVB6     | 6117           | 7715          | 0.10%           | 0.015%        |
| 25        | 13.599      | 1798          | 1804        | 1805         | rBV3     | 6950           | 10614         | 0.14%           | 0.020%        |
| 26        | 13.640      | 1805          | 1811        | 1816         | rVV      | 792649         | 1142759       | 15.11%          | 2.169%        |
| 27        | 13.687      | 1816          | 1819        | 1829         | rVB      | 223076         | 327828        | 4.33%           | 0.622%        |
| 28        | 13.910      | 1850          | 1857        | 1868         | rVV      | 913568         | 1425904       | 18.85%          | 2.706%        |
| 29        | 14.063      | 1877          | 1883        | 1894         | rBV      | 82923          | 188460        | 2.49%           | 0.358%        |
| 30        | 14.228      | 1904          | 1911        | 1928         | rVB2     | 4140435        | 6421209       | 84.91%          | 12.186%       |
| 31        | 14.446      | 1942          | 1948        | 1962         | rBV      | 178666         | 426195        | 5.64%           | 0.809%        |
| 32        | 15.046      | 2047          | 2050        | 2054         | rVV4     | 8703           | 16316         | 0.22%           | 0.031%        |
| 33        | 15.110      | 2058          | 2061        | 2065         | rVB4     | 11782          | 16667         | 0.22%           | 0.032%        |
| 34        | 15.222      | 2074          | 2080        | 2090         | rBV      | 1177747        | 1755198       | 23.21%          | 3.331%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\  
 Data File : BN005393.D  
 Acq On : 01 May 2019 04:19  
 Operator : JU/SJ  
 Sample : K2596-04 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFH40

## 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-BN041919MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 15.357 | 2098 | 2103 | 2113 | rBV  | 173623  | 304655  | 4.03%   | 0.578%  |
| 36 | 15.469 | 2118 | 2122 | 2127 | rVB3 | 14736   | 20649   | 0.27%   | 0.039%  |
| 37 | 15.604 | 2141 | 2145 | 2148 | rBV3 | 6667    | 8636    | 0.11%   | 0.016%  |
| 38 | 15.975 | 2205 | 2208 | 2211 | rVB5 | 6519    | 9078    | 0.12%   | 0.017%  |
| 39 | 16.145 | 2234 | 2237 | 2240 | rVB5 | 8573    | 9755    | 0.13%   | 0.019%  |
| 40 | 16.181 | 2240 | 2243 | 2248 | rVB5 | 11792   | 19215   | 0.25%   | 0.036%  |
| 41 | 16.340 | 2265 | 2270 | 2273 | rBV7 | 9821    | 14881   | 0.20%   | 0.028%  |
| 42 | 16.504 | 2294 | 2298 | 2303 | rBV4 | 16855   | 24201   | 0.32%   | 0.046%  |
| 43 | 16.593 | 2308 | 2313 | 2317 | rVB4 | 18184   | 25642   | 0.34%   | 0.049%  |
| 44 | 16.769 | 2337 | 2343 | 2348 | rBV2 | 31010   | 51075   | 0.68%   | 0.097%  |
| 45 | 16.922 | 2368 | 2369 | 2372 | rVB3 | 9189    | 8662    | 0.11%   | 0.016%  |
| 46 | 16.981 | 2372 | 2379 | 2390 | rBV  | 5089247 | 7562752 | 100.00% | 14.352% |
| 47 | 17.075 | 2390 | 2395 | 2407 | rVB  | 1210982 | 1847062 | 24.42%  | 3.505%  |
| 48 | 17.287 | 2428 | 2431 | 2435 | rVB5 | 10296   | 13212   | 0.17%   | 0.025%  |
| 49 | 17.416 | 2452 | 2453 | 2457 | rBV3 | 7872    | 8218    | 0.11%   | 0.016%  |
| 50 | 17.498 | 2465 | 2467 | 2472 | rBV5 | 8503    | 9875    | 0.13%   | 0.019%  |
| 51 | 17.575 | 2476 | 2480 | 2485 | rBV5 | 27772   | 40229   | 0.53%   | 0.076%  |
| 52 | 17.898 | 2530 | 2535 | 2544 | rBV  | 260933  | 476447  | 6.30%   | 0.904%  |
| 53 | 18.198 | 2583 | 2586 | 2589 | rBV5 | 16401   | 23287   | 0.31%   | 0.044%  |
| 54 | 18.528 | 2639 | 2642 | 2647 | rBV4 | 38386   | 50585   | 0.67%   | 0.096%  |
| 55 | 19.198 | 2752 | 2756 | 2764 | rBV4 | 105464  | 204903  | 2.71%   | 0.389%  |
| 56 | 19.386 | 2783 | 2788 | 2794 | rBV  | 1353317 | 1838279 | 24.31%  | 3.489%  |
| 57 | 20.345 | 2948 | 2951 | 2957 | rVB  | 135654  | 160370  | 2.12%   | 0.304%  |
| 58 | 20.939 | 3049 | 3052 | 3057 | rBV  | 193981  | 259344  | 3.43%   | 0.492%  |
| 59 | 21.139 | 3084 | 3086 | 3089 | rVB  | 168874  | 165110  | 2.18%   | 0.313%  |
| 60 | 21.204 | 3092 | 3097 | 3105 | rBV  | 4794637 | 6214696 | 82.18%  | 11.794% |
| 61 | 21.386 | 3125 | 3128 | 3133 | rBV2 | 183851  | 244612  | 3.23%   | 0.464%  |
| 62 | 21.816 | 3199 | 3201 | 3205 | rVB2 | 184536  | 192369  | 2.54%   | 0.365%  |
| 63 | 22.275 | 3276 | 3279 | 3283 | rBV  | 287538  | 370853  | 4.90%   | 0.704%  |
| 64 | 22.775 | 3360 | 3364 | 3368 | rVB  | 367011  | 509776  | 6.74%   | 0.967%  |
| 65 | 23.263 | 3442 | 3447 | 3452 | rBV  | 697757  | 1183078 | 15.64%  | 2.245%  |
| 66 | 23.327 | 3454 | 3458 | 3463 | rVB2 | 403938  | 644775  | 8.53%   | 1.224%  |
| 67 | 23.398 | 3464 | 3470 | 3481 | rVB  | 2860719 | 5450267 | 72.07%  | 10.343% |

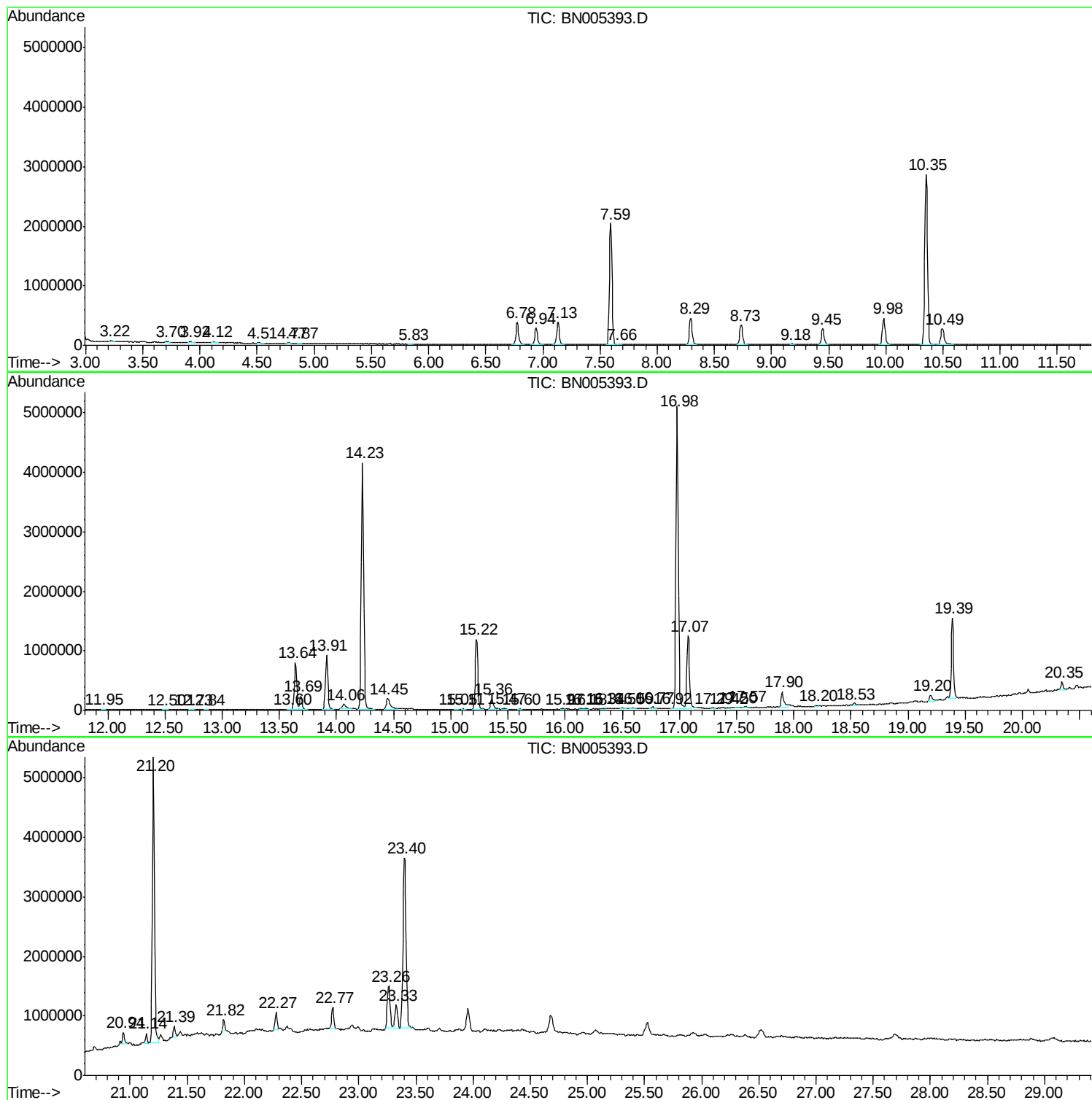
Sum of corrected areas: 52693289

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\  
Data File : BN005393.D  
Acq On : 01 May 2019 04:19  
Operator : JU/SJ  
Sample : K2596-04 5X  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFH40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\  
Data File : BN005393.D  
Acq On : 01 May 2019 04:19  
Operator : JU/SJ  
Sample : K2596-04 5X  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFH40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

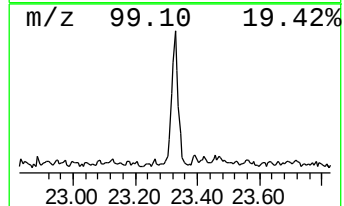
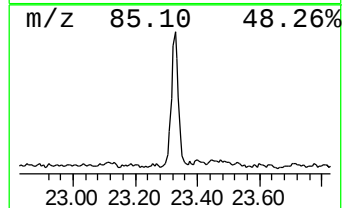
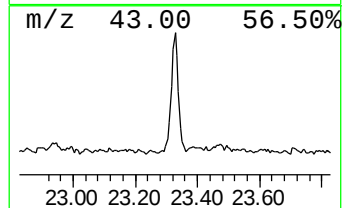
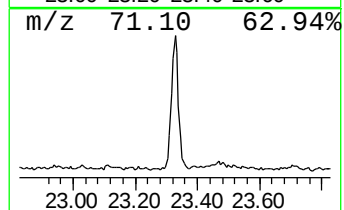
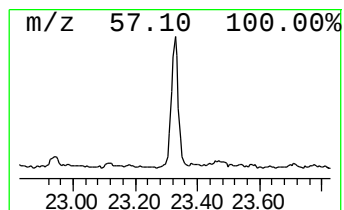
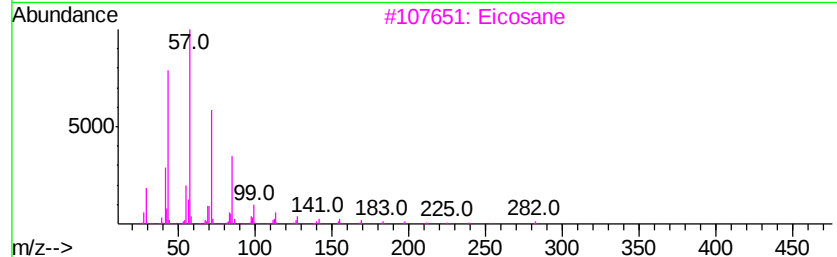
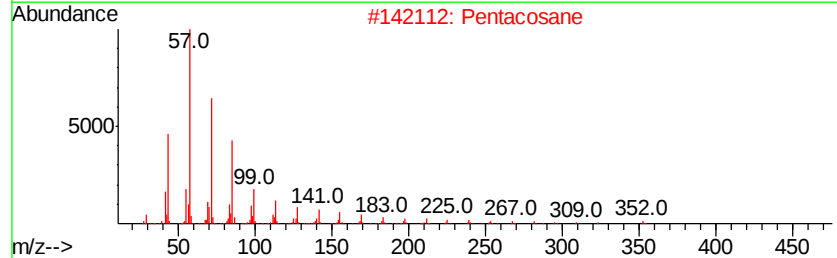
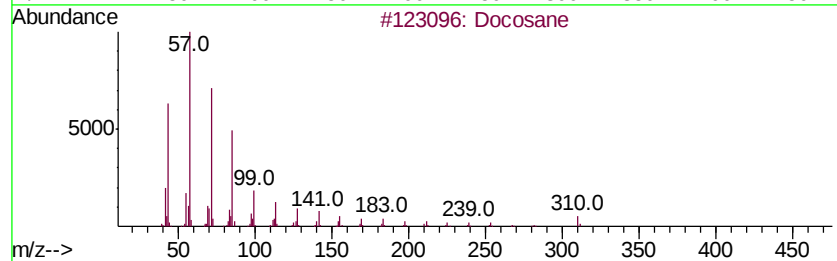
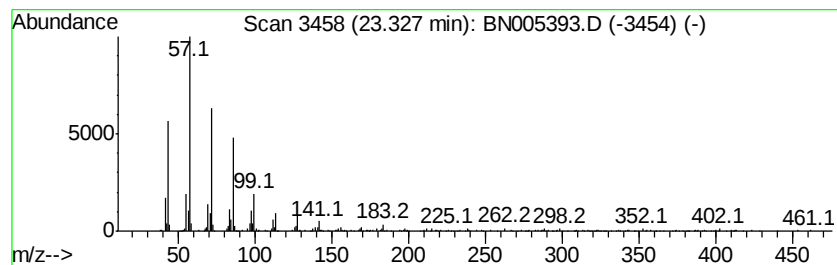
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.33 | 2.37 ng/ul | 644775 | Perylene-d12     | 23.40 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Docosane     | 310 | C22H46  | 000629-97-0 | 93   |
| 2    |    | Pentacosane  | 352 | C25H52  | 000629-99-2 | 92   |
| 3    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 90   |
| 4    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN043019\  
Data File : BN005393.D  
Acq On : 01 May 2019 04:19  
Operator : JU/SJ  
Sample : K2596-04 5X  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BFH40

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 23.33 | 2.4     | ng/ul | 644775   | 6                     | 23.40 | 5450270 | 20.0 |