

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082823\  
 Data File : BP016864.D  
 Acq On : 30 Aug 2023 09:48  
 Operator : MA/JU  
 Sample : 04159-04  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHJ1

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\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016864.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         | 3.381       | 11            | 16          | 23           | rVB      | 72117          | 106703        | 1.06%           | 0.116%        |
| 2         | 3.681       | 63            | 67          | 73           | rBV3     | 18265          | 35241         | 0.35%           | 0.038%        |
| 3         | 3.817       | 86            | 90          | 107          | rBV      | 425574         | 735712        | 7.30%           | 0.801%        |
| 4         | 4.011       | 119           | 123         | 131          | rVB      | 39635          | 64820         | 0.64%           | 0.071%        |
| 5         | 4.128       | 139           | 143         | 149          | rBV      | 31278          | 47995         | 0.48%           | 0.052%        |
| 6         | 5.064       | 299           | 302         | 307          | rBV2     | 14834          | 21168         | 0.21%           | 0.023%        |
| 7         | 5.652       | 395           | 402         | 410          | rBV8     | 13509          | 29309         | 0.29%           | 0.032%        |
| 8         | 6.963       | 620           | 625         | 630          | rBV5     | 9353           | 15720         | 0.16%           | 0.017%        |
| 9         | 7.163       | 652           | 659         | 669          | rBV      | 324643         | 521355        | 5.17%           | 0.567%        |
| 10        | 7.358       | 685           | 692         | 705          | rVB      | 1316148        | 2057937       | 20.41%          | 2.240%        |
| 11        | 7.540       | 715           | 723         | 731          | rBV      | 1215027        | 1904828       | 18.89%          | 2.073%        |
| 12        | 7.616       | 731           | 736         | 747          | rVB      | 39536          | 81741         | 0.81%           | 0.089%        |
| 13        | 8.022       | 796           | 805         | 815          | rBV      | 1178159        | 1892650       | 18.77%          | 2.060%        |
| 14        | 8.099       | 815           | 818         | 825          | rVB4     | 14525          | 21944         | 0.22%           | 0.024%        |
| 15        | 8.369       | 855           | 864         | 873          | rVB5     | 26248          | 55191         | 0.55%           | 0.060%        |
| 16        | 8.722       | 915           | 924         | 937          | rBV      | 931655         | 1536027       | 15.24%          | 1.672%        |
| 17        | 8.899       | 950           | 954         | 960          | rVB6     | 11971          | 18529         | 0.18%           | 0.020%        |
| 18        | 9.134       | 988           | 994         | 1000         | rBV2     | 13373          | 24399         | 0.24%           | 0.027%        |
| 19        | 9.216       | 1000          | 1008        | 1019         | rBV      | 1524559        | 2538100       | 25.18%          | 2.762%        |
| 20        | 9.434       | 1042          | 1045        | 1050         | rVB2     | 9498           | 13696         | 0.14%           | 0.015%        |
| 21        | 9.934       | 1122          | 1130        | 1142         | rBV      | 1207949        | 1941759       | 19.26%          | 2.113%        |
| 22        | 10.457      | 1211          | 1219        | 1229         | rBV      | 1761920        | 2891449       | 28.68%          | 3.147%        |
| 23        | 10.610      | 1242          | 1245        | 1250         | rVB7     | 8710           | 13546         | 0.13%           | 0.015%        |
| 24        | 10.699      | 1254          | 1260        | 1269         | rVB      | 62722          | 110615        | 1.10%           | 0.120%        |
| 25        | 10.852      | 1277          | 1286        | 1293         | rBV      | 1705186        | 2787648       | 27.65%          | 3.034%        |
| 26        | 11.010      | 1305          | 1313        | 1337         | rBV      | 1506797        | 2640241       | 26.19%          | 2.873%        |
| 27        | 11.228      | 1345          | 1350        | 1357         | rVB2     | 25277          | 45523         | 0.45%           | 0.050%        |
| 28        | 11.599      | 1406          | 1413        | 1420         | rVV2     | 7025           | 15713         | 0.16%           | 0.017%        |
| 29        | 11.669      | 1420          | 1425        | 1432         | rVB8     | 7721           | 13774         | 0.14%           | 0.015%        |
| 30        | 11.934      | 1467          | 1470        | 1475         | rVB5     | 9567           | 13683         | 0.14%           | 0.015%        |
| 31        | 12.010      | 1475          | 1483        | 1487         | rBV10    | 4692           | 10691         | 0.11%           | 0.012%        |
| 32        | 12.428      | 1547          | 1554        | 1560         | rBV      | 34694          | 61162         | 0.61%           | 0.067%        |
| 33        | 12.657      | 1585          | 1593        | 1598         | rBV      | 5835           | 14306         | 0.14%           | 0.016%        |
| 34        | 12.728      | 1600          | 1605        | 1610         | rBV9     | 4586           | 11325         | 0.11%           | 0.012%        |
| 35        | 12.851      | 1621          | 1626        | 1635         | rBV3     | 82706          | 150075        | 1.49%           | 0.163%        |
| 36        | 13.175      | 1677          | 1681        | 1687         | rVB9     | 8446           | 14013         | 0.14%           | 0.015%        |

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 ClientSampleId :  
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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\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 13.251 | 1690 | 1694 | 1698 | rVB5  | 9016    | 11844   | 0.12%  | 0.013% |
| 38 | 13.310 | 1698 | 1704 | 1708 | rBV6  | 15547   | 27616   | 0.27%  | 0.030% |
| 39 | 13.369 | 1708 | 1714 | 1722 | rVB3  | 24915   | 42280   | 0.42%  | 0.046% |
| 40 | 13.463 | 1725 | 1730 | 1733 | rBV2  | 25847   | 34207   | 0.34%  | 0.037% |
| 41 | 13.510 | 1733 | 1738 | 1747 | rVB   | 483231  | 718097  | 7.12%  | 0.781% |
| 42 | 13.857 | 1794 | 1797 | 1801 | rVB3  | 12478   | 13891   | 0.14%  | 0.015% |
| 43 | 13.922 | 1803 | 1808 | 1812 | rBV8  | 10234   | 16082   | 0.16%  | 0.018% |
| 44 | 14.087 | 1829 | 1836 | 1851 | rVV   | 3705760 | 4979988 | 49.40% | 5.420% |
| 45 | 14.198 | 1851 | 1855 | 1863 | rVB10 | 18085   | 38040   | 0.38%  | 0.041% |
| 46 | 14.287 | 1865 | 1870 | 1874 | rBV8  | 8632    | 15394   | 0.15%  | 0.017% |
| 47 | 14.375 | 1878 | 1885 | 1901 | rBV   | 4037036 | 5923538 | 58.76% | 6.446% |
| 48 | 14.675 | 1927 | 1936 | 1944 | rBV   | 2576245 | 3749302 | 37.19% | 4.080% |
| 49 | 14.887 | 1966 | 1972 | 1981 | rBV   | 156495  | 320786  | 3.18%  | 0.349% |
| 50 | 14.969 | 1981 | 1986 | 1996 | rVV5  | 71745   | 159508  | 1.58%  | 0.174% |
| 51 | 15.075 | 1996 | 2004 | 2017 | rVB   | 516532  | 774915  | 7.69%  | 0.843% |
| 52 | 15.204 | 2022 | 2026 | 2032 | rBV2  | 74461   | 111539  | 1.11%  | 0.121% |
| 53 | 15.292 | 2037 | 2041 | 2047 | rVB7  | 16892   | 30612   | 0.30%  | 0.033% |
| 54 | 15.416 | 2058 | 2062 | 2066 | rVB5  | 12353   | 18049   | 0.18%  | 0.020% |
| 55 | 15.481 | 2071 | 2073 | 2079 | rVB4  | 8714    | 12112   | 0.12%  | 0.013% |
| 56 | 15.598 | 2089 | 2093 | 2098 | rVB8  | 7543    | 10453   | 0.10%  | 0.011% |
| 57 | 15.669 | 2098 | 2105 | 2111 | rBV   | 5258328 | 7660745 | 75.99% | 8.337% |
| 58 | 15.728 | 2111 | 2115 | 2120 | rVV   | 318117  | 491369  | 4.87%  | 0.535% |
| 59 | 15.792 | 2120 | 2126 | 2138 | rVV   | 1478854 | 2113588 | 20.96% | 2.300% |
| 60 | 15.910 | 2142 | 2146 | 2160 | rVV4  | 38469   | 103884  | 1.03%  | 0.113% |
| 61 | 16.028 | 2160 | 2166 | 2175 | rVB6  | 26387   | 71511   | 0.71%  | 0.078% |
| 62 | 16.175 | 2187 | 2191 | 2196 | rVB   | 29212   | 41581   | 0.41%  | 0.045% |
| 63 | 16.257 | 2201 | 2205 | 2209 | rBV7  | 10924   | 17385   | 0.17%  | 0.019% |
| 64 | 16.457 | 2234 | 2239 | 2244 | rVB7  | 10452   | 16839   | 0.17%  | 0.018% |
| 65 | 16.622 | 2262 | 2267 | 2270 | rBV3  | 19348   | 26458   | 0.26%  | 0.029% |
| 66 | 16.704 | 2278 | 2281 | 2286 | rVV   | 21721   | 28676   | 0.28%  | 0.031% |
| 67 | 16.769 | 2289 | 2292 | 2294 | rBV4  | 8687    | 10787   | 0.11%  | 0.012% |
| 68 | 16.786 | 2294 | 2295 | 2299 | rVB4  | 12323   | 14226   | 0.14%  | 0.015% |
| 69 | 17.004 | 2329 | 2332 | 2338 | rVV8  | 10919   | 14665   | 0.15%  | 0.016% |
| 70 | 17.069 | 2338 | 2343 | 2345 | rBV4  | 47620   | 73950   | 0.73%  | 0.080% |
| 71 | 17.098 | 2345 | 2348 | 2359 | rVB   | 97289   | 152812  | 1.52%  | 0.166% |
| 72 | 17.445 | 2400 | 2407 | 2417 | rBV   | 3266065 | 4595417 | 45.58% | 5.001% |
| 73 | 17.545 | 2417 | 2424 | 2437 | rBV   | 6342369 | 8844930 | 87.73% | 9.626% |
| 74 | 18.022 | 2502 | 2505 | 2508 | rBV5  | 12496   | 17182   | 0.17%  | 0.019% |
| 75 | 18.069 | 2510 | 2513 | 2517 | rVB5  | 23113   | 33776   | 0.34%  | 0.037% |
| 76 | 18.157 | 2525 | 2528 | 2532 | rBV5  | 16981   | 29282   | 0.29%  | 0.032% |

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Instrument :  
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 DCHJ1

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

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Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 77 | 18.281 | 2545 | 2549 | 2561 | rBV  | 577150  | 959309   | 9.52%   | 1.044%  |
| 78 | 18.422 | 2570 | 2573 | 2581 | rVB6 | 28145   | 47593    | 0.47%   | 0.052%  |
| 79 | 18.498 | 2583 | 2586 | 2592 | rVB  | 30945   | 37915    | 0.38%   | 0.041%  |
| 80 | 18.563 | 2594 | 2597 | 2602 | rVB6 | 33705   | 45590    | 0.45%   | 0.050%  |
| 81 | 19.122 | 2688 | 2692 | 2702 | rVB6 | 25174   | 57616    | 0.57%   | 0.063%  |
| 82 | 19.351 | 2727 | 2731 | 2735 | rBV2 | 77059   | 96231    | 0.95%   | 0.105%  |
| 83 | 19.416 | 2738 | 2742 | 2746 | rVV  | 74843   | 101665   | 1.01%   | 0.111%  |
| 84 | 19.516 | 2755 | 2759 | 2765 | rBV2 | 204048  | 291574   | 2.89%   | 0.317%  |
| 85 | 19.780 | 2798 | 2804 | 2816 | rBV  | 7878005 | 10081584 | 100.00% | 10.972% |
| 86 | 20.727 | 2962 | 2965 | 2969 | rBV3 | 78224   | 93328    | 0.93%   | 0.102%  |
| 87 | 21.198 | 3040 | 3045 | 3055 | rBV2 | 464180  | 908511   | 9.01%   | 0.989%  |
| 88 | 21.539 | 3098 | 3103 | 3111 | rBV  | 3264003 | 4144533  | 41.11%  | 4.510%  |
| 89 | 23.939 | 3503 | 3511 | 3523 | rVB2 | 3556004 | 7583119  | 75.22%  | 8.253%  |
| 90 | 24.104 | 3533 | 3539 | 3550 | rVB  | 1683274 | 3613604  | 35.84%  | 3.933%  |

Sum of corrected areas: 91888076



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ALS Vial : 83 Sample Multiplier: 1

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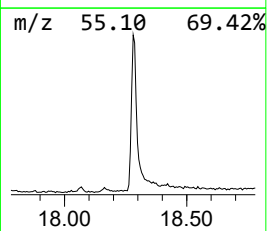
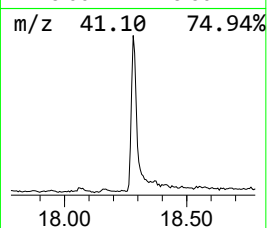
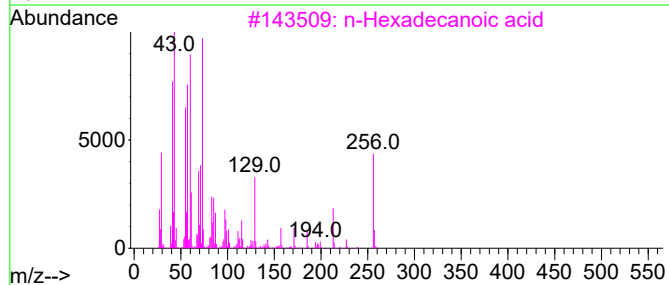
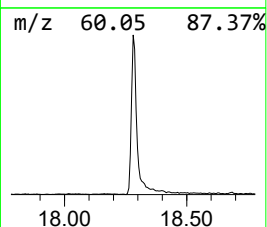
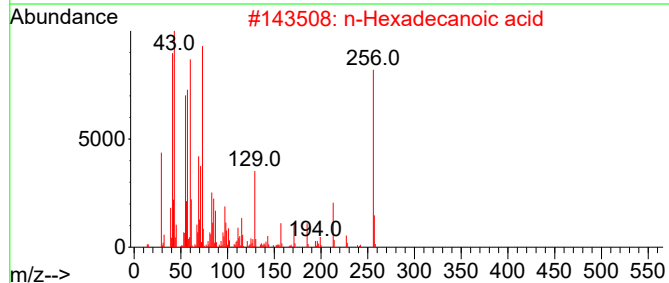
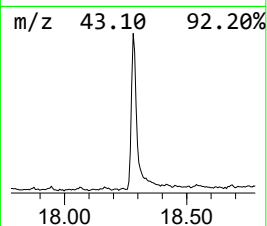
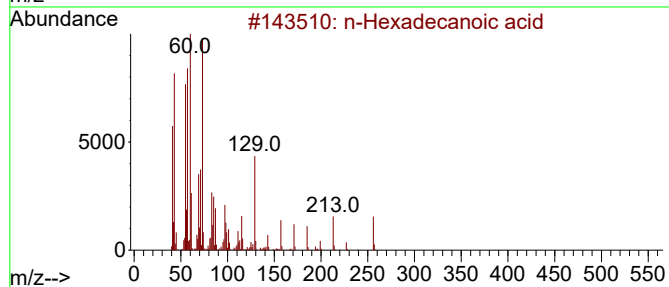
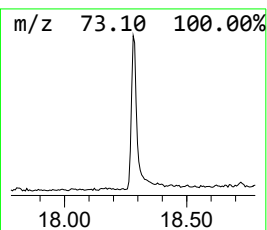
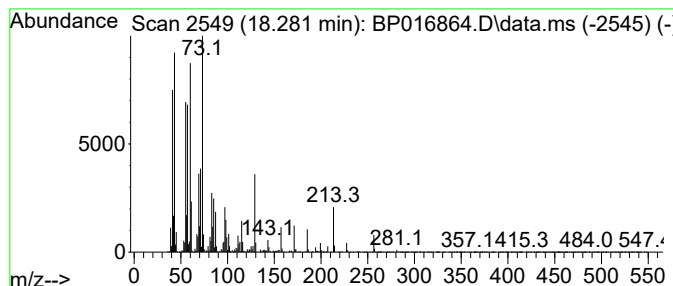
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.281 | 4.18 ng/ul | 959309 | Phenanthrene-d10 | 17.445 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |



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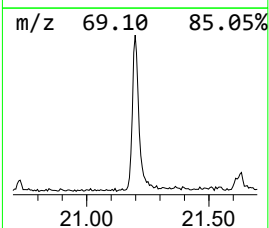
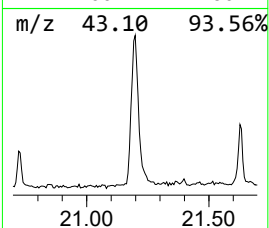
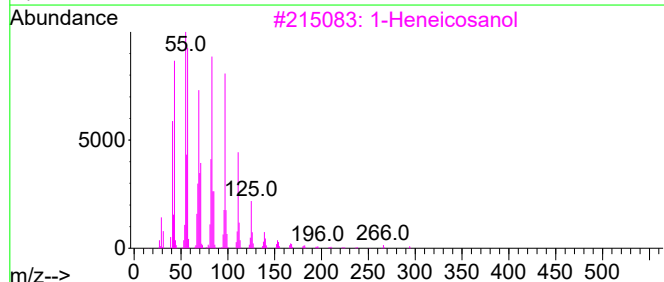
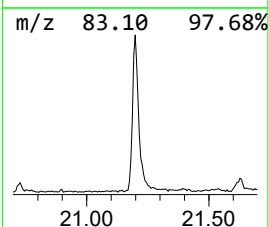
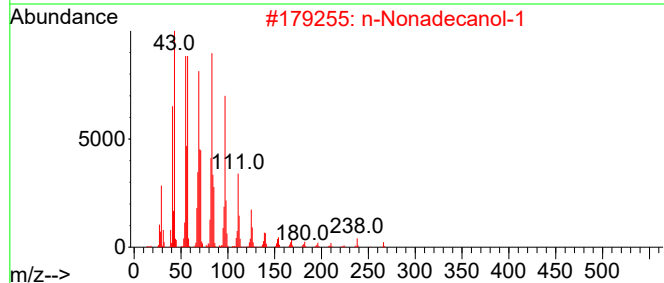
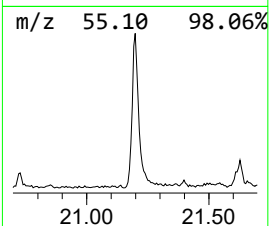
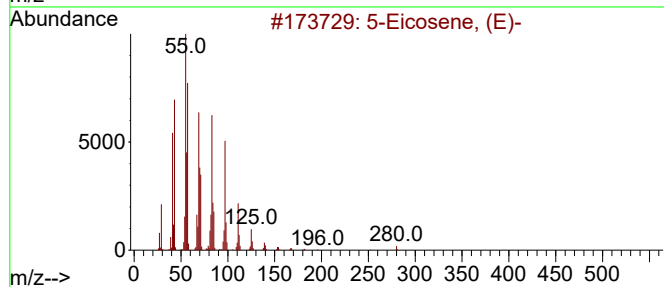
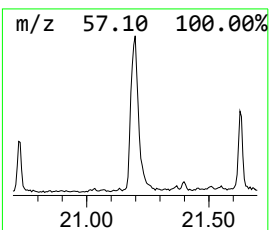
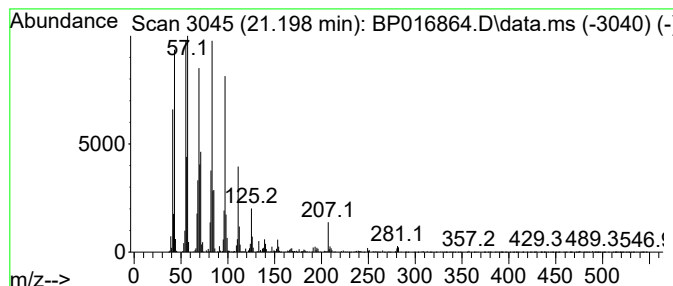
Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.      | EstConc              | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|----------------------|--------|------------------|----------|-------------|------|
| 21.198    | 4.38 ng/ul           | 908511 | Chrysene-d12     |          | 21.539      |      |
| Hit# of 5 | Tentative ID         |        | MW               | MolForm  | CAS#        | Qual |
| 1         | 5-Eicosene, (E)-     |        | 280              | C20H40   | 074685-30-6 | 99   |
| 2         | n-Nonadecanol-1      |        | 284              | C19H40O  | 001454-84-8 | 95   |
| 3         | 1-Heneicosanol       |        | 312              | C21H44O  | 015594-90-8 | 95   |
| 4         | 1-Heneicosyl formate |        | 340              | C22H44O2 | 077899-03-7 | 95   |
| 5         | E-14-Hexadecenal     |        | 238              | C16H30O  | 330207-53-9 | 95   |



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TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.281 | 4.2     | ng/ul | 959309   | 4                     | 17.445 | 4595420 | 20.0 |
| (DEL) Alkane: S... | 21.198 | 4.4     | ng/ul | 908511   | 5                     | 21.539 | 4144530 | 20.0 |