LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034164.D
Acq On : 09 Mar 2022 00:43
Operator : CG/JU
Sample : N1733-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBRU2

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-BM030822.M
Title : SVOA CALIBRATION

Signal : TIC: BM034164.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.372 | 19 | 23 | 33 | rVB | 54079 | 72161 | 1.75% | 0.159% |
| 2 | 3.655 | 69 | 71 | 78 | rVB | 4695 | 6537 | 0.16% | 0.014% |
| 3 | 3.790 | 90 | 94 | 113 | rBV | 625549 | 885098 | 21.47% | 1.952% |
| 4 | 4.137 | 150 | 153 | 158 | rVB2 | 9492 | 12044 | 0.29% | 0.027% |
| 5 | 4.366 | 189 | 192 | 197 | rVB5 | 4689 | 7511 | 0.18% | 0.017% |
| 6 | 5.072 | 308 | 312 | 316 | rVB4 | 9428 | 12160 | 0.29% | 0.027% |
| 7 | 5.149 | 321 | 325 | 327 | rBV5 | 3555 | 4179 | 0.10% | 0.009% |
| 8 | 7.143 | 657 | 664 | 673 | rBV | 812148 | 1290497 | 31.30% | 2.846% |
| 9 | 7.313 | 687 | 693 | 701 | rBV | 630228 | 967015 | 23.46% | 2.132% |
| 10 | 7.384 | 701 | 705 | 710 | rVB2 | 4517 | 6629 | 0.16% | 0.015% |
| 11 | 7.519 | 721 | 728 | 738 | rBV | 870954 | 1354971 | 32.87% | 2.988% |
| 12 | 7.990 | 801 | 808 | 816 | rBV | 518306 | 812624 | 19.71% | 1.792% |
| 13 | 8.054 | 816 | 819 | 824 | rVB2 | 5322 | 7485 | 0.18% | 0.017% |
| 14 | 8.231 | 845 | 849 | 856 | rVB6 | 3049 | 6633 | 0.16% | 0.015% |
| 15 | 8.695 | 920 | 928 | 939 | rVV | 1055907 | 1684448 | 40.86% | 3.714% |
| 16 | 8.784 | 939 | 943 | 949 | rVB8 | 2607 | 4892 | 0.12% | 0.011% |
| 17 | 9.154 | 998 | 1006 | 1014 | rBV | 779766 | 1289238 | 31.27% | 2.843% |
| 18 | 9.242 | 1014 | 1021 | 1029 | rVB2 | 11021 | 22855 | 0.55% | 0.050% |
| 19 | 9.331 | 1031 | 1036 | 1041 | rVB8 | 4102 | 7325 | 0.18% | 0.016% |
| 20 | 9.607 | 1075 | 1083 | 1090 | rBV | 29065 | 46116 | 1.12% | 0.102% |
| 21 | 9.878 | 1121 | 1129 | 1137 | rBV | 693345 | 1119096 | 27.14% | 2.468% |
| 22 | 10.419 | 1212 | 1221 | 1232 | rBV | 1122496 | 1820484 | 44.16% | 4.014% |
| 23 | 10.583 | 1243 | 1249 | 1258 | rBV2 | 20734 | 34027 | 0.83% | 0.075% |
| 24 | 10.807 | 1279 | 1287 | 1294 | rBV | 674750 | 1132330 | 27.47% | 2.497% |
| 25 | 10.931 | 1300 | 1308 | 1320 | rBV | 990054 | 1677457 | 40.69% | 3.699% |
| 26 | 11.748 | 1440 | 1447 | 1456 | rBV8 | 4096 | 12010 | 0.29% | 0.026% |
| 27 | 12.236 | 1525 | 1530 | 1535 | rBV2 | 12814 | 21287 | 0.52% | 0.047% |
| 28 | 12.389 | 1547 | 1556 | 1563 | rVB2 | 19231 | 31335 | 0.76% | 0.069% |
| 29 | 12.901 | 1640 | 1643 | 1648 | rBV4 | 3491 | 4386 | 0.11% | 0.010% |
| 30 | 13.048 | 1662 | 1668 | 1671 | rVB7 | 5101 | 6480 | 0.16% | 0.014% |
| 31 | 13.124 | 1678 | 1681 | 1687 | rVB7 | 3575 | 6046 | 0.15% | 0.013% |
| 32 | 13.177 | 1687 | 1690 | 1696 | rVB4 | 4271 | 7220 | 0.18% | 0.016% |
| 33 | 13.466 | 1734 | 1739 | 1748 | rVB2 | 32041 | 45991 | 1.12% | 0.101% |
| 34 | 13.595 | 1758 | 1761 | 1767 | rVB6 | 3897 | 6307 | 0.15% | 0.014% |
| 35 | 14.030 | 1829 | 1835 | 1842 | rBV | 1822812 | 2532655 | 61.43% | 5.585% |
| 36 | 14.160 | 1853 | 1857 | 1862 | rVB4 | 3932 | 7076 | 0.17% | 0.016% |

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Sample : N1733-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBRU2

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-BM030822.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.319 | 1873 | 1884 | 1896 | rVV | 2109145 | 3135581 | 76.06% | 6.914% |
| 38 | 14.530 | 1915 | 1920 | 1925 | rVB2 | 10383 | 14951 | 0.36% | 0.033% |
| 39 | 14.630 | 1930 | 1937 | 1945 | rVV | 1030080 | 1528354 | 37.07% | 3.370% |
| 40 | 14.801 | 1960 | 1966 | 1979 | rBV | 701733 | 1001098 | 24.28% | 2.208% |
| 41 | 14.983 | 1993 | 1997 | 2001 | rVV7 | 3473 | 5589 | 0.14% | 0.012% |
| 42 | 15.036 | 2001 | 2006 | 2010 | rVB5 | 7669 | 12457 | 0.30% | 0.027% |
| 43 | 15.436 | 2068 | 2074 | 2078 | rBV5 | 7474 | 12255 | 0.30% | 0.027% |
| 44 | 15.483 | 2078 | 2082 | 2086 | rVB4 | 7710 | 10037 | 0.24% | 0.022% |
| 45 | 15.618 | 2098 | 2105 | 2117 | rBV | 2661170 | 3730324 | 90.48% | 8.226% |
| 46 | 15.724 | 2117 | 2123 | 2132 | rBV | 655341 | 903222 | 21.91% | 1.992% |
| 47 | 15.854 | 2142 | 2145 | 2155 | rVB2 | 12910 | 22332 | 0.54% | 0.049% |
| 48 | 15.971 | 2162 | 2165 | 2170 | rBV5 | 3569 | 4929 | 0.12% | 0.011% |
| 49 | 16.030 | 2170 | 2175 | 2180 | rBV6 | 3812 | 8224 | 0.20% | 0.018% |
| 50 | 16.260 | 2210 | 2214 | 2216 | rBV5 | 4381 | 6449 | 0.16% | 0.014% |
| 51 | 16.301 | 2216 | 2221 | 2224 | rVV6 | 7196 | 12151 | 0.29% | 0.027% |
| 52 | 16.342 | 2225 | 2228 | 2230 | rVV4 | 4889 | 6266 | 0.15% | 0.014% |
| 53 | 16.401 | 2234 | 2238 | 2243 | rVB7 | 4687 | 9241 | 0.22% | 0.020% |
| 54 | 16.618 | 2271 | 2275 | 2279 | rBV6 | 2572 | 4561 | 0.11% | 0.010% |
| 55 | 16.765 | 2294 | 2300 | 2307 | rBV10 | 6486 | 13834 | 0.34% | 0.031% |
| 56 | 17.136 | 2358 | 2363 | 2364 | rBV4 | 2762 | 4400 | 0.11% | 0.010% |
| 57 | 17.365 | 2396 | 2402 | 2408 | rBV | 1188344 | 1633967 | 39.63% | 3.603% |
| 58 | 17.465 | 2412 | 2419 | 2429 | rVV | 2667191 | 3712810 | 90.06% | 8.187% |
| 59 | 17.548 | 2430 | 2433 | 2439 | rVB7 | 13718 | 21691 | 0.53% | 0.048% |
| 60 | 17.748 | 2463 | 2467 | 2472 | rBV8 | 5230 | 8612 | 0.21% | 0.019% |
| 61 | 18.042 | 2515 | 2517 | 2522 | rVB5 | 4006 | 5585 | 0.14% | 0.012% |
| 62 | 18.142 | 2530 | 2534 | 2538 | rVB6 | 4278 | 6297 | 0.15% | 0.014% |
| 63 | 18.259 | 2549 | 2554 | 2561 | rBV2 | 176139 | 243419 | 5.90% | 0.537% |
| 64 | 18.695 | 2625 | 2628 | 2632 | rVB5 | 11509 | 13530 | 0.33% | 0.030% |
| 65 | 19.124 | 2697 | 2701 | 2702 | rBV3 | 6350 | 6899 | 0.17% | 0.015% |
| 66 | 19.318 | 2729 | 2734 | 2739 | rBV2 | 32152 | 47807 | 1.16% | 0.105% |
| 67 | 19.389 | 2742 | 2746 | 2749 | rBV | 33681 | 44998 | 1.09% | 0.099% |
| 68 | 19.530 | 2766 | 2770 | 2777 | rBV7 | 34561 | 43640 | 1.06% | 0.096% |
| 69 | 19.753 | 2802 | 2808 | 2819 | rBV | 2994764 | 4036658 | 97.91% | 8.901% |
| 70 | 20.259 | 2891 | 2894 | 2898 | rBV6 | 14681 | 21273 | 0.52% | 0.047% |
| 71 | 21.242 | 3058 | 3061 | 3067 | rBV | 283111 | 334632 | 8.12% | 0.738% |
| 72 | 21.447 | 3094 | 3096 | 3101 | rBV | 48042 | 59603 | 1.45% | 0.131% |
| 73 | 21.536 | 3106 | 3111 | 3117 | rVV | 1313782 | 1615351 | 39.18% | 3.562% |
| 74 | 21.865 | 3163 | 3167 | 3171 | rBV | 119862 | 158113 | 3.84% | 0.349% |
| 75 | 23.824 | 3493 | 3500 | 3508 | rVB | 2126169 | 4122743 | 100.00% | 9.091% |
| 76 | 23.983 | 3520 | 3527 | 3537 | rVB | 889343 | 1799662 | 43.65% | 3.969% |

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Misc :
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**Instrument :**
BNA_M
**ClientSampleId :**
DBRU2

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-BM030822.M
Title : SVOA CALIBRATION

Sum of corrected areas: 45348150

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
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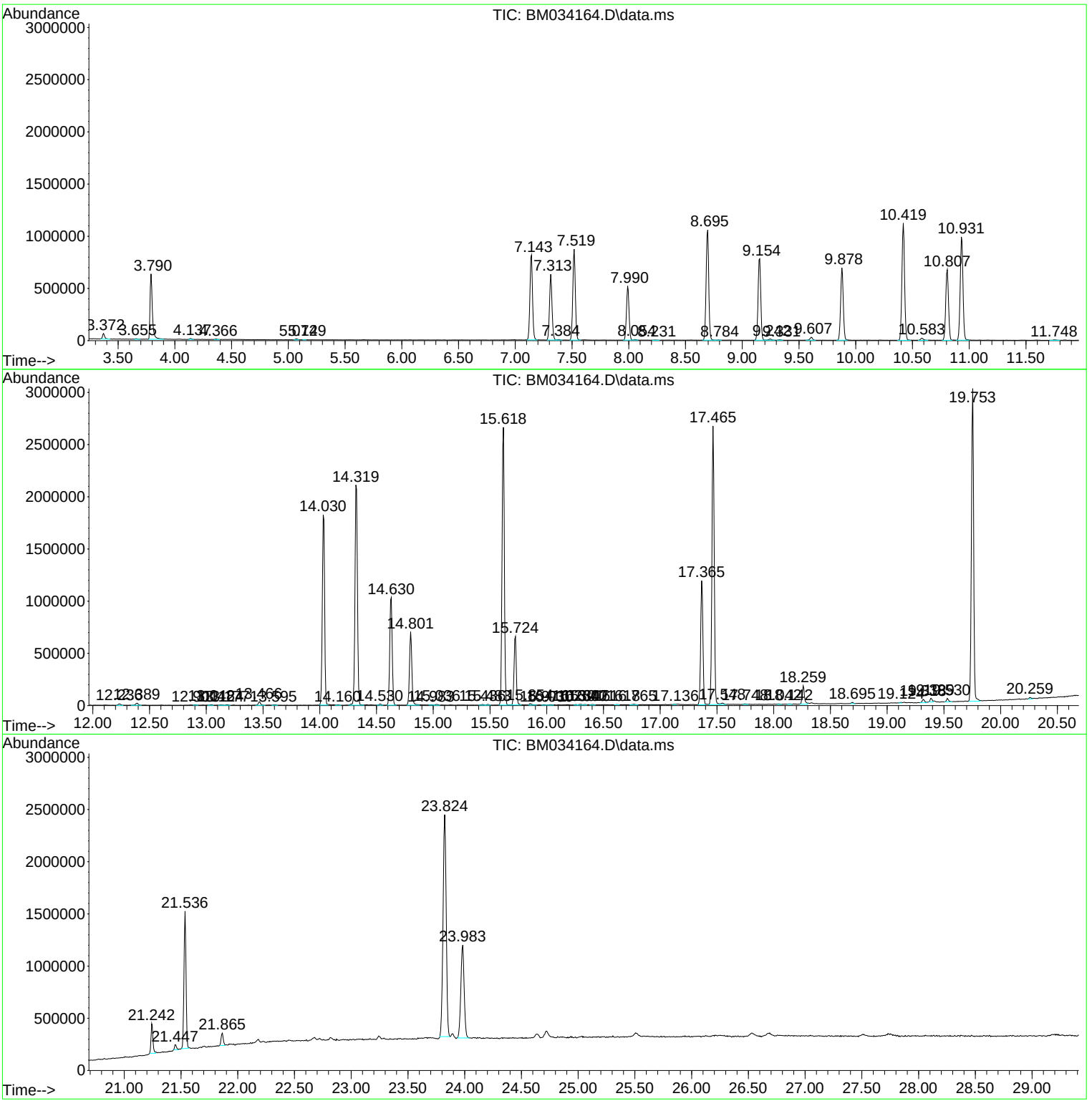
**Instrument :**
BNA_M
**ClientSampleId :**
DBRU2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION

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



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**Instrument :**
BNA_M
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DBRU2

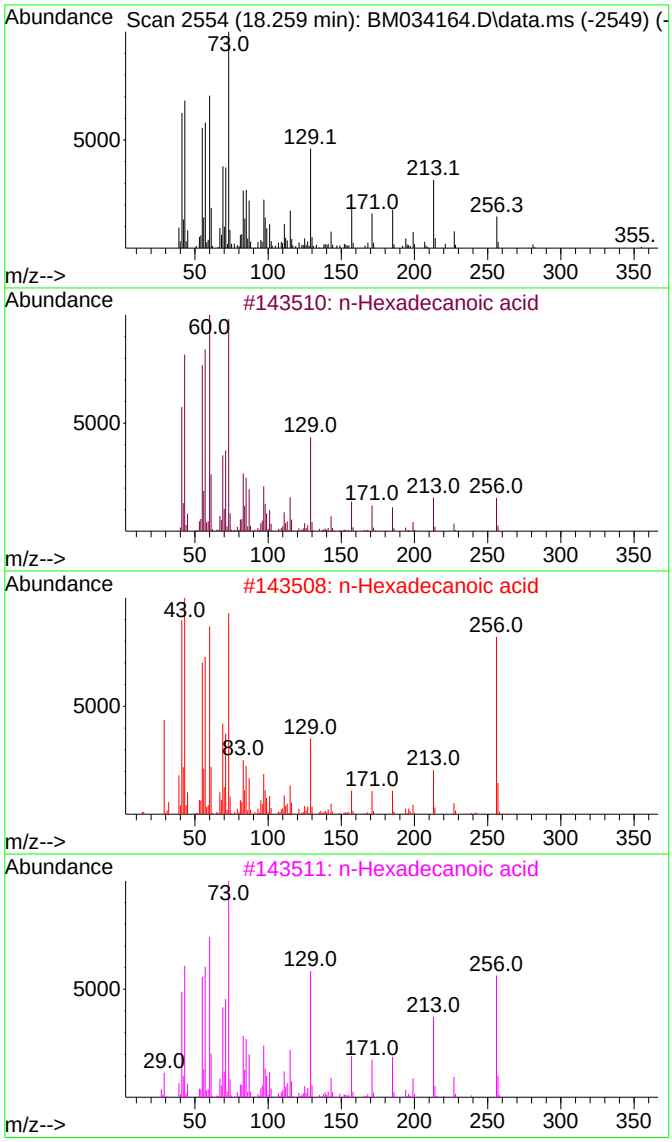
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION

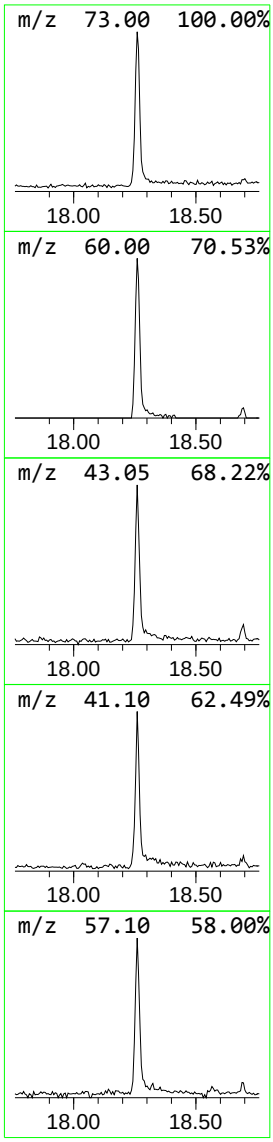
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.259 | 2.98 ng/ul | 243419 | Phenanthrene-d10 | 17.365 |

| 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 | 98 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 89 |



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ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBRU2

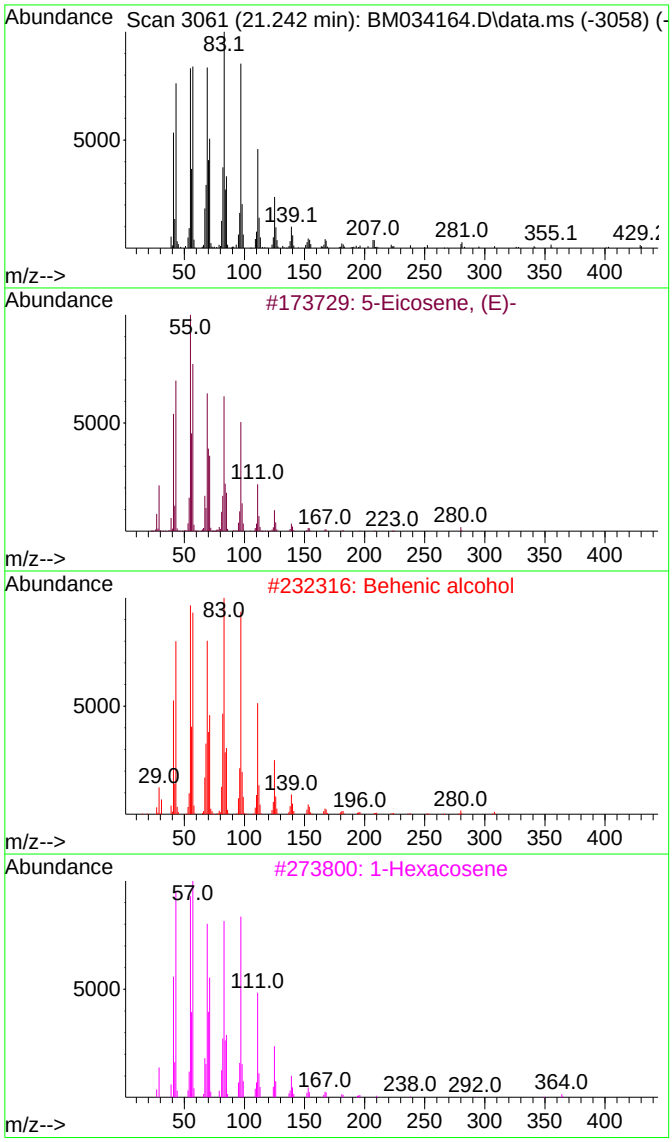
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION

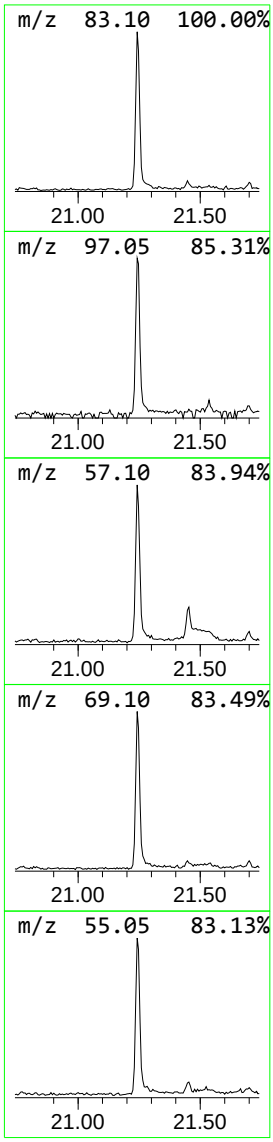
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.242 | 4.14 ng/ul | 334632 | Chrysene-d12 | 21.536 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 99 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 95 |
| 3 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 95 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 5 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 95 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034164.D
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DBRU2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic ... | 18.259 | 3.0 | ng/ul | 243419 | 4 | 17.365 | 1633970 | 20.0 |
| (DEL) Alkane: S... | 21.242 | 4.1 | ng/ul | 334632 | 5 | 21.536 | 1615350 | 20.0 |