LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036716.D
Acq On : 24 Sep 2022 15:46
Operator : CG/JU
Sample : N4662-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EXZ45

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-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036716.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.117 | 3 | 5 | 22 | rVB | 7440203 | 8581867 | 96.36% | 9.127% |
| 2 | 3.352 | 42 | 45 | 47 | rBV3 | 16196 | 20840 | 0.23% | 0.022% |
| 3 | 3.387 | 47 | 51 | 54 | rVV | 84292 | 116288 | 1.31% | 0.124% |
| 4 | 3.422 | 54 | 57 | 64 | rVB | 130619 | 174813 | 1.96% | 0.186% |
| 5 | 3.816 | 122 | 124 | 141 | rBV | 355554 | 597867 | 6.71% | 0.636% |
| 6 | 4.052 | 159 | 164 | 175 | rVB | 46942 | 81452 | 0.91% | 0.087% |
| 7 | 4.146 | 177 | 180 | 186 | rVB | 29997 | 41274 | 0.46% | 0.044% |
| 8 | 4.687 | 267 | 272 | 281 | rVB2 | 32086 | 56653 | 0.64% | 0.060% |
| 9 | 5.087 | 333 | 340 | 346 | rBV6 | 14489 | 31798 | 0.36% | 0.034% |
| 10 | 7.163 | 687 | 693 | 707 | rVB | 390777 | 662927 | 7.44% | 0.705% |
| 11 | 7.334 | 714 | 722 | 737 | rVB | 1403195 | 2172527 | 24.39% | 2.311% |
| 12 | 7.534 | 749 | 756 | 767 | rBV | 1331828 | 2061506 | 23.15% | 2.193% |
| 13 | 7.628 | 767 | 772 | 775 | rVB6 | 9454 | 13905 | 0.16% | 0.015% |
| 14 | 8.004 | 826 | 836 | 844 | rBV | 1424285 | 2272706 | 25.52% | 2.417% |
| 15 | 8.075 | 845 | 848 | 852 | rVB6 | 7252 | 10309 | 0.12% | 0.011% |
| 16 | 8.716 | 949 | 957 | 968 | rBV | 1110028 | 1799519 | 20.21% | 1.914% |
| 17 | 9.169 | 1025 | 1034 | 1046 | rBV | 1550885 | 2590985 | 29.09% | 2.756% |
| 18 | 9.275 | 1049 | 1052 | 1057 | rVB6 | 8839 | 14969 | 0.17% | 0.016% |
| 19 | 9.334 | 1057 | 1062 | 1066 | rBV8 | 6995 | 13771 | 0.15% | 0.015% |
| 20 | 9.593 | 1100 | 1106 | 1113 | rVB2 | 19632 | 39571 | 0.44% | 0.042% |
| 21 | 9.898 | 1150 | 1158 | 1171 | rBV | 1123878 | 1863719 | 20.93% | 1.982% |
| 22 | 10.434 | 1239 | 1249 | 1263 | rBV | 1920524 | 3120469 | 35.04% | 3.319% |
| 23 | 10.598 | 1272 | 1277 | 1287 | rBV3 | 25058 | 54415 | 0.61% | 0.058% |
| 24 | 10.816 | 1305 | 1314 | 1323 | rBV | 2025551 | 3377112 | 37.92% | 3.592% |
| 25 | 10.951 | 1330 | 1337 | 1349 | rBV | 900511 | 1567436 | 17.60% | 1.667% |
| 26 | 11.598 | 1444 | 1447 | 1449 | rBV4 | 9602 | 11122 | 0.12% | 0.012% |
| 27 | 12.087 | 1523 | 1530 | 1537 | rVB7 | 11902 | 28465 | 0.32% | 0.030% |
| 28 | 12.398 | 1577 | 1583 | 1589 | rVB | 35662 | 57451 | 0.65% | 0.061% |
| 29 | 13.263 | 1724 | 1730 | 1735 | rBV3 | 19840 | 34989 | 0.39% | 0.037% |
| 30 | 13.463 | 1759 | 1764 | 1769 | rVB4 | 13334 | 21111 | 0.24% | 0.022% |
| 31 | 13.533 | 1771 | 1776 | 1781 | rVV2 | 32952 | 53266 | 0.60% | 0.057% |
| 32 | 13.610 | 1784 | 1789 | 1793 | rVV5 | 8699 | 12972 | 0.15% | 0.014% |
| 33 | 14.045 | 1856 | 1863 | 1873 | rBV | 3622678 | 4967696 | 55.78% | 5.283% |
| 34 | 14.157 | 1879 | 1882 | 1888 | rVB8 | 8016 | 11863 | 0.13% | 0.013% |
| 35 | 14.328 | 1904 | 1911 | 1921 | rBV | 4218751 | 5828704 | 65.45% | 6.199% |
| 36 | 14.522 | 1942 | 1944 | 1951 | rVB7 | 10043 | 14950 | 0.17% | 0.016% |

LSC Area Percent Report

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Sample : N4662-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EXZ45

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-BM091522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.633 | 1955 | 1963 | 1969 | rBV | 3018045 | 4376343 | 49.14% | 4.655% |
| 38 | 14.822 | 1986 | 1995 | 2011 | rBV | 280806 | 487022 | 5.47% | 0.518% |
| 39 | 15.039 | 2028 | 2032 | 2038 | rBV5 | 28621 | 42614 | 0.48% | 0.045% |
| 40 | 15.286 | 2066 | 2074 | 2078 | rBV10 | 10242 | 16900 | 0.19% | 0.018% |
| 41 | 15.369 | 2083 | 2088 | 2093 | rBV | 19664 | 30670 | 0.34% | 0.033% |
| 42 | 15.427 | 2093 | 2098 | 2103 | rBV2 | 23690 | 47268 | 0.53% | 0.050% |
| 43 | 15.622 | 2124 | 2131 | 2143 | rBV | 5433389 | 7618948 | 85.55% | 8.103% |
| 44 | 15.733 | 2143 | 2150 | 2164 | rVV | 1225898 | 1736088 | 19.49% | 1.846% |
| 45 | 15.857 | 2166 | 2171 | 2179 | rVB | 53862 | 86890 | 0.98% | 0.092% |
| 46 | 16.127 | 2213 | 2217 | 2222 | rBV | 28284 | 42111 | 0.47% | 0.045% |
| 47 | 16.192 | 2222 | 2228 | 2232 | rVB9 | 6586 | 13300 | 0.15% | 0.014% |
| 48 | 16.298 | 2242 | 2246 | 2249 | rBV5 | 7756 | 11616 | 0.13% | 0.012% |
| 49 | 16.398 | 2259 | 2263 | 2269 | rBV6 | 20914 | 28407 | 0.32% | 0.030% |
| 50 | 16.639 | 2300 | 2304 | 2308 | rBV2 | 14416 | 20417 | 0.23% | 0.022% |
| 51 | 16.769 | 2324 | 2326 | 2331 | rVB5 | 8010 | 10490 | 0.12% | 0.011% |
| 52 | 16.857 | 2336 | 2341 | 2345 | rBV | 14996 | 25518 | 0.29% | 0.027% |
| 53 | 17.286 | 2411 | 2414 | 2418 | rVB6 | 6288 | 9182 | 0.10% | 0.010% |
| 54 | 17.369 | 2421 | 2428 | 2438 | rVV | 3493223 | 4787680 | 53.76% | 5.092% |
| 55 | 17.469 | 2438 | 2445 | 2462 | rVV | 6145905 | 8392893 | 94.24% | 8.926% |
| 56 | 18.039 | 2539 | 2542 | 2546 | rVB6 | 16315 | 24080 | 0.27% | 0.026% |
| 57 | 18.263 | 2575 | 2580 | 2589 | rBV | 406201 | 621819 | 6.98% | 0.661% |
| 58 | 19.315 | 2755 | 2759 | 2765 | rBV2 | 71939 | 100271 | 1.13% | 0.107% |
| 59 | 19.386 | 2767 | 2771 | 2774 | rBV | 106724 | 147870 | 1.66% | 0.157% |
| 60 | 19.533 | 2792 | 2796 | 2810 | rBV2 | 274981 | 428422 | 4.81% | 0.456% |
| 61 | 19.751 | 2827 | 2833 | 2839 | rBV | 6742999 | 8906218 | 100.00% | 9.472% |
| 62 | 20.745 | 2999 | 3002 | 3006 | rBV | 152127 | 150771 | 1.69% | 0.160% |
| 63 | 21.245 | 3084 | 3087 | 3092 | rBV2 | 237003 | 321392 | 3.61% | 0.342% |
| 64 | 21.533 | 3131 | 3136 | 3144 | rBV2 | 2882745 | 3834917 | 43.06% | 4.079% |
| 65 | 23.815 | 3517 | 3524 | 3531 | rBV2 | 3097620 | 6072846 | 68.19% | 6.459% |
| 66 | 23.968 | 3545 | 3550 | 3563 | rVB2 | 1625962 | 3248759 | 36.48% | 3.455% |

Sum of corrected areas: 94023009

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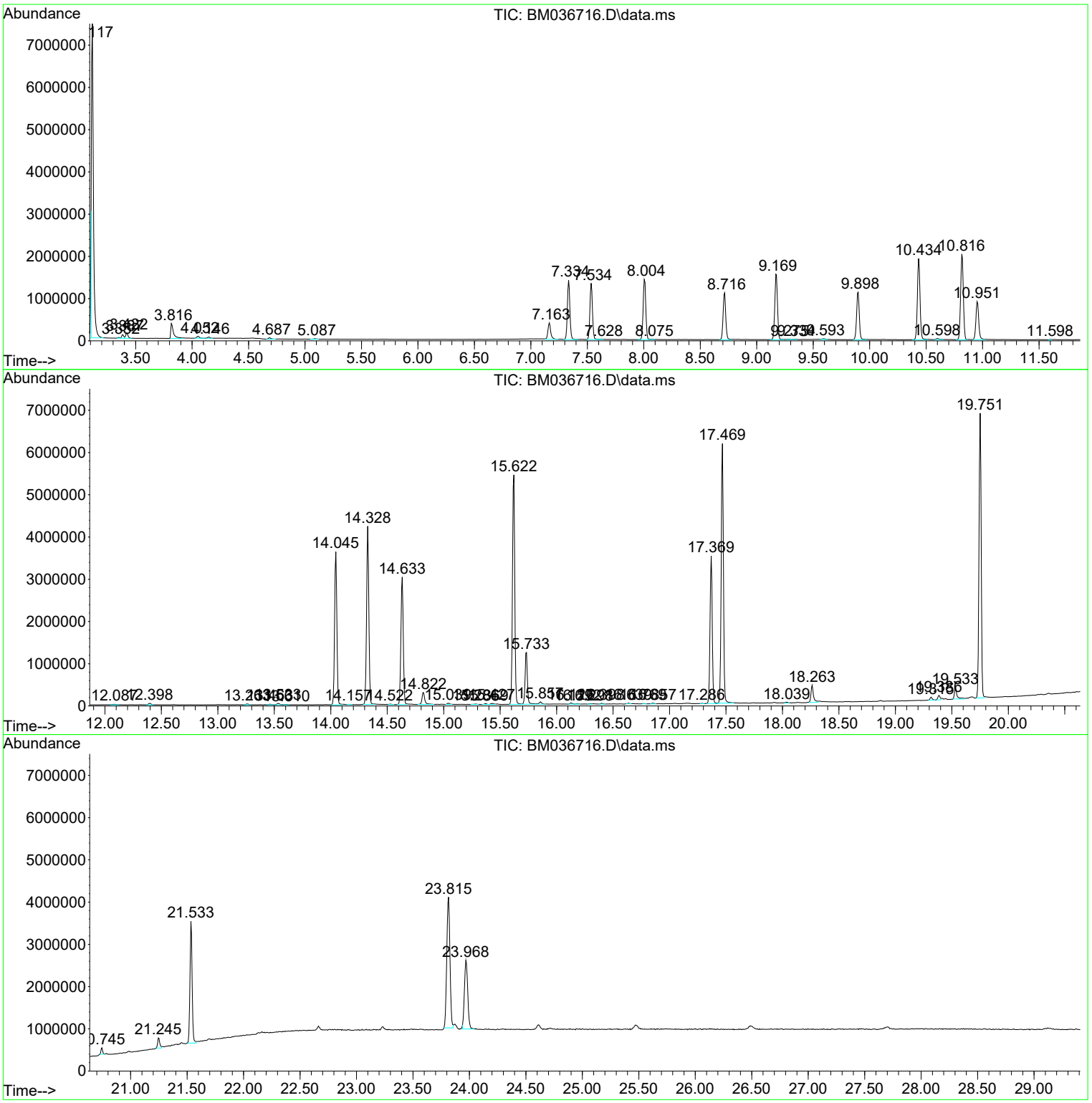
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EXZ45

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



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**Instrument :**
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**ClientSampleId :**
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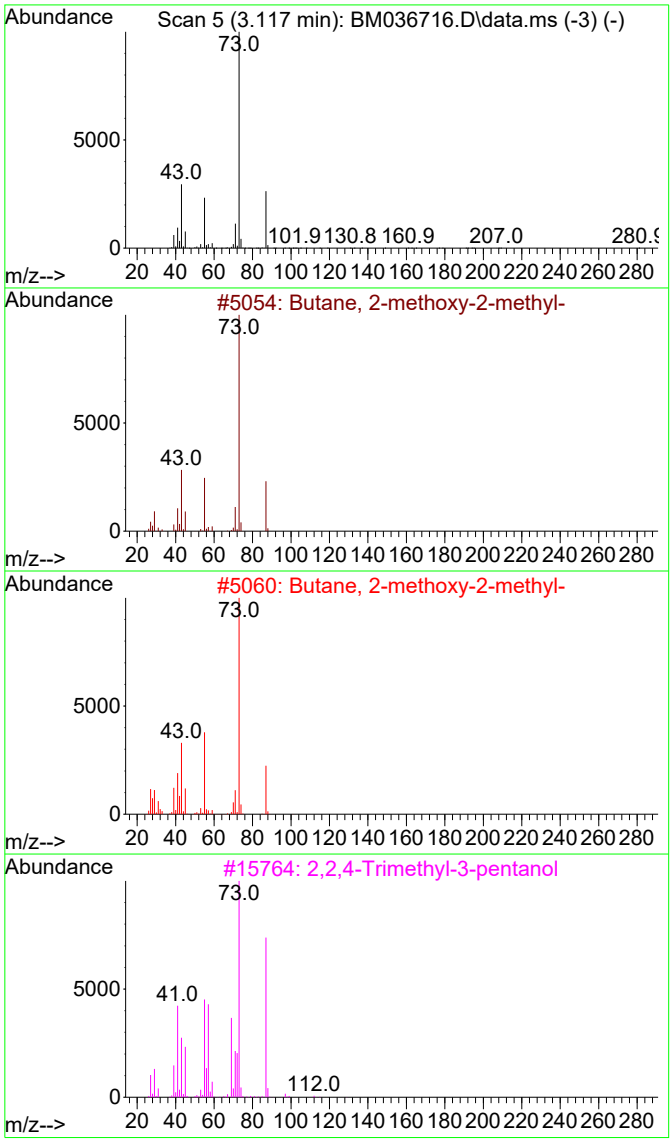
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

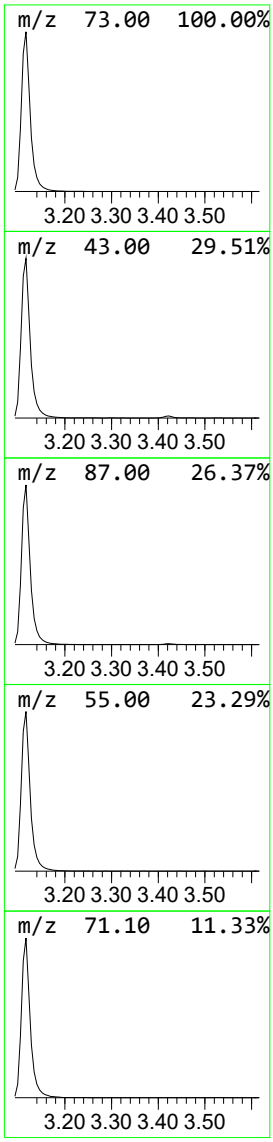
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.117 | 75.52 ng/ul | 8581870 | 1,4-Dichlorobenzene-d4 | 8.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036716.D
Acq On : 24 Sep 2022 15:46
Operator : CG/JU
Sample : N4662-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EXZ45

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

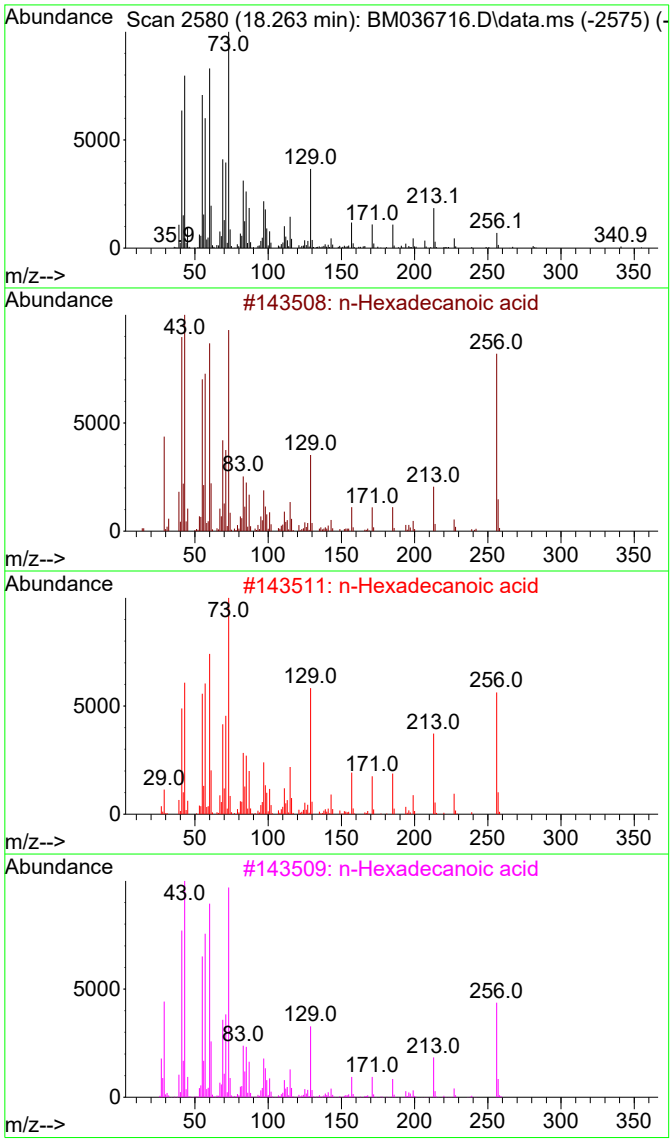
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

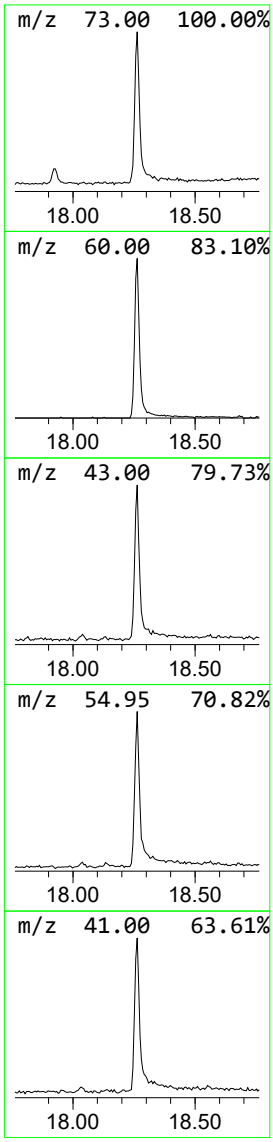
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.263 | 2.60 ng/ul | 621819 | Phenanthrene-d10 | 17.369 |

| 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 | 98 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |



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Data File : BM036716.D
Acq On : 24 Sep 2022 15:46
Operator : CG/JU
Sample : N4662-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EXZ45

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

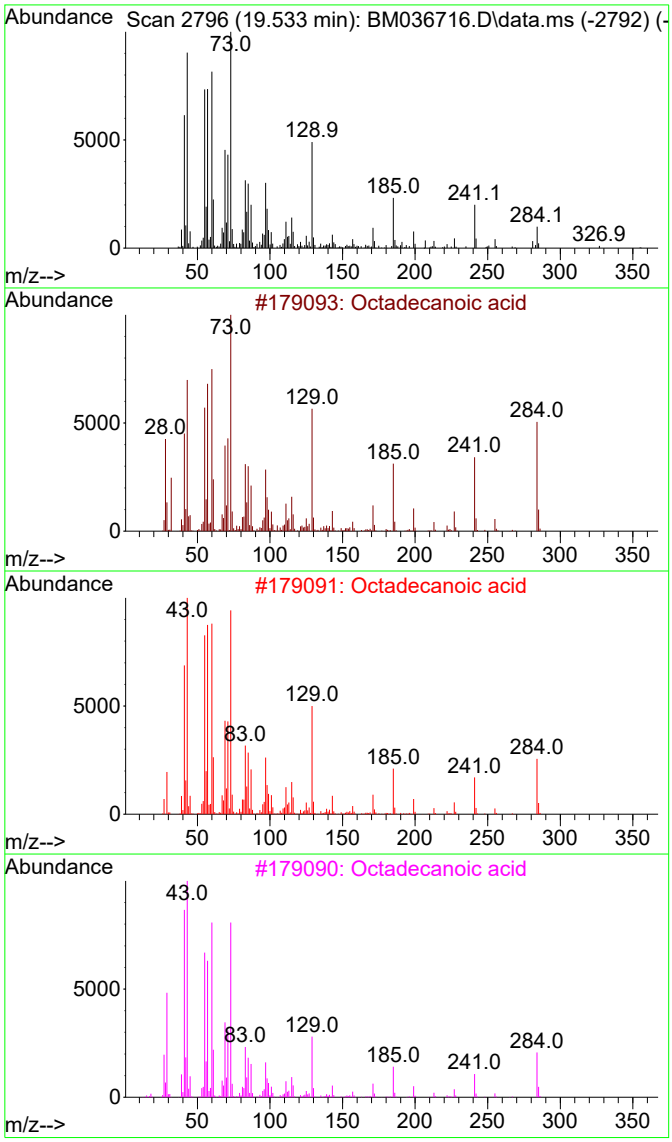
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

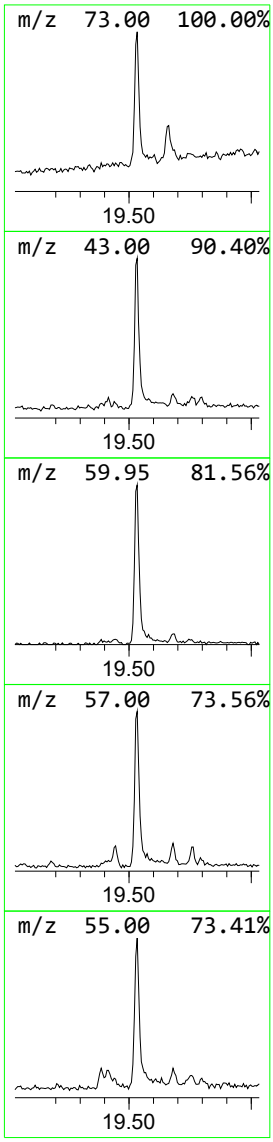
**********

Peak Number 3 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.533 | 2.23 ng/ul | 428422 | Chrysene-d12 | 21.533 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 5 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 91 |



Tentatively Identified Compound (LSC) summary

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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 |
| Butane, 2-metho... | 3.117 | 75.5 | ng/ul | 8581870 | 1 | 8.004 | 2272710 | 20.0 |
| n-Hexadecanoic ... | 18.263 | 2.6 | ng/ul | 621819 | 4 | 17.369 | 4787680 | 20.0 |
| Octadecanoic acid | 19.533 | 2.2 | ng/ul | 428422 | 5 | 21.533 | 3834920 | 20.0 |