LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

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-BP102522.M
Title : SVOA CALIBRATION

Signal : TIC: BP012536.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.234 | 38 | 42 | 45 | rBV | 43086 | 58688 | 0.63% | 0.069% |
| 2 | 3.663 | 112 | 115 | 136 | rBV | 173785 | 373641 | 3.98% | 0.442% |
| 3 | 3.863 | 144 | 149 | 155 | rVB2 | 18842 | 31783 | 0.34% | 0.038% |
| 4 | 3.958 | 162 | 165 | 171 | rVB | 14006 | 22695 | 0.24% | 0.027% |
| 5 | 5.093 | 352 | 358 | 369 | rVB | 69829 | 122338 | 1.30% | 0.145% |
| 6 | 6.957 | 669 | 675 | 688 | rBV | 212352 | 428943 | 4.57% | 0.507% |
| 7 | 7.116 | 695 | 702 | 717 | rBV | 936523 | 1528849 | 16.30% | 1.809% |
| 8 | 7.310 | 728 | 735 | 751 | rBV | 842998 | 1426800 | 15.21% | 1.688% |
| 9 | 7.446 | 753 | 758 | 765 | rVB10 | 7539 | 14740 | 0.16% | 0.017% |
| 10 | 7.775 | 806 | 814 | 825 | rBV | 870256 | 1467980 | 15.65% | 1.737% |
| 11 | 8.134 | 870 | 875 | 881 | rVB5 | 14511 | 29289 | 0.31% | 0.035% |
| 12 | 8.499 | 929 | 937 | 956 | rBV | 700290 | 1280681 | 13.65% | 1.515% |
| 13 | 8.946 | 1006 | 1013 | 1027 | rBV | 1165526 | 1973509 | 21.04% | 2.335% |
| 14 | 9.157 | 1045 | 1049 | 1054 | rVB8 | 7962 | 13299 | 0.14% | 0.016% |
| 15 | 9.293 | 1066 | 1072 | 1074 | rBV6 | 12781 | 22665 | 0.24% | 0.027% |
| 16 | 9.322 | 1074 | 1077 | 1086 | rVB2 | 26796 | 47647 | 0.51% | 0.056% |
| 17 | 9.604 | 1118 | 1125 | 1129 | rBV4 | 9337 | 18807 | 0.20% | 0.022% |
| 18 | 9.669 | 1129 | 1136 | 1148 | rVV | 850651 | 1504919 | 16.04% | 1.780% |
| 19 | 9.951 | 1177 | 1184 | 1188 | rBV10 | 7146 | 17797 | 0.19% | 0.021% |
| 20 | 10.063 | 1199 | 1203 | 1209 | rVB6 | 6493 | 9866 | 0.11% | 0.012% |
| 21 | 10.204 | 1220 | 1227 | 1248 | rBV | 1328972 | 2574895 | 27.45% | 3.046% |
| 22 | 10.363 | 1248 | 1254 | 1280 | rVV | 461637 | 1178819 | 12.56% | 1.395% |
| 23 | 10.575 | 1283 | 1290 | 1306 | rVV | 1408088 | 2417796 | 25.77% | 2.860% |
| 24 | 10.728 | 1309 | 1316 | 1330 | rVV | 1088203 | 2071726 | 22.08% | 2.451% |
| 25 | 10.840 | 1330 | 1335 | 1344 | rVB2 | 43426 | 89449 | 0.95% | 0.106% |
| 26 | 11.440 | 1434 | 1437 | 1441 | rVB6 | 6498 | 10637 | 0.11% | 0.013% |
| 27 | 11.616 | 1462 | 1467 | 1471 | rBV7 | 7166 | 14862 | 0.16% | 0.018% |
| 28 | 11.834 | 1493 | 1504 | 1511 | rVB | 45310 | 90800 | 0.97% | 0.107% |
| 29 | 12.034 | 1535 | 1538 | 1543 | rVB2 | 10314 | 13900 | 0.15% | 0.016% |
| 30 | 12.175 | 1554 | 1562 | 1571 | rVV3 | 18959 | 47768 | 0.51% | 0.057% |
| 31 | 12.251 | 1571 | 1575 | 1583 | rVB6 | 16712 | 34587 | 0.37% | 0.041% |
| 32 | 12.328 | 1583 | 1588 | 1595 | rBV8 | 10238 | 19428 | 0.21% | 0.023% |
| 33 | 12.387 | 1596 | 1598 | 1608 | rVB10 | 4686 | 11227 | 0.12% | 0.013% |
| 34 | 12.498 | 1608 | 1617 | 1623 | rBV4 | 18024 | 45151 | 0.48% | 0.053% |
| 35 | 12.804 | 1667 | 1669 | 1673 | rVB5 | 10636 | 12064 | 0.13% | 0.014% |
| 36 | 12.951 | 1687 | 1694 | 1700 | rBV3 | 28985 | 57781 | 0.62% | 0.068% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

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-BP102522.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.034 | 1704 | 1708 | 1713 | rBV6 | 10414 | 20563 | 0.22% | 0.024% |
| 38 | 13.151 | 1725 | 1728 | 1731 | rBV5 | 8881 | 12124 | 0.13% | 0.014% |
| 39 | 13.239 | 1739 | 1743 | 1746 | rVB2 | 16133 | 20548 | 0.22% | 0.024% |
| 40 | 13.322 | 1751 | 1757 | 1765 | rBV | 461956 | 717409 | 7.65% | 0.849% |
| 41 | 13.392 | 1765 | 1769 | 1772 | rVV6 | 13476 | 24120 | 0.26% | 0.029% |
| 42 | 13.428 | 1772 | 1775 | 1780 | rVB6 | 17109 | 28722 | 0.31% | 0.034% |
| 43 | 13.745 | 1826 | 1829 | 1832 | rBV5 | 7443 | 10958 | 0.12% | 0.013% |
| 44 | 13.845 | 1837 | 1846 | 1868 | rBV | 2973561 | 4469838 | 47.64% | 5.288% |
| 45 | 14.122 | 1886 | 1893 | 1909 | rBV | 3374640 | 5105726 | 54.42% | 6.040% |
| 46 | 14.316 | 1924 | 1926 | 1931 | rVB6 | 10893 | 11292 | 0.12% | 0.013% |
| 47 | 14.428 | 1938 | 1945 | 1960 | rBV | 2341568 | 3548222 | 37.82% | 4.197% |
| 48 | 14.681 | 1983 | 1988 | 2002 | rBV2 | 91186 | 273045 | 2.91% | 0.323% |
| 49 | 14.792 | 2002 | 2007 | 2011 | rVV | 38195 | 55263 | 0.59% | 0.065% |
| 50 | 14.851 | 2011 | 2017 | 2022 | rVV5 | 25133 | 59595 | 0.64% | 0.070% |
| 51 | 14.969 | 2034 | 2037 | 2043 | rVB3 | 35031 | 53970 | 0.58% | 0.064% |
| 52 | 15.039 | 2045 | 2049 | 2054 | rBV8 | 13295 | 25454 | 0.27% | 0.030% |
| 53 | 15.181 | 2070 | 2073 | 2078 | rBV7 | 10002 | 17885 | 0.19% | 0.021% |
| 54 | 15.275 | 2085 | 2089 | 2094 | rVB3 | 21777 | 32422 | 0.35% | 0.038% |
| 55 | 15.428 | 2108 | 2115 | 2131 | rBV | 4569279 | 6906914 | 73.62% | 8.171% |
| 56 | 15.563 | 2132 | 2138 | 2152 | rBV | 1271725 | 1871664 | 19.95% | 2.214% |
| 57 | 15.881 | 2189 | 2192 | 2199 | rVB7 | 32680 | 50570 | 0.54% | 0.060% |
| 58 | 17.192 | 2408 | 2415 | 2425 | rBV | 2972154 | 4481904 | 47.77% | 5.302% |
| 59 | 17.292 | 2425 | 2432 | 2444 | rVV | 5354570 | 7810725 | 83.25% | 9.240% |
| 60 | 17.792 | 2515 | 2517 | 2521 | rVB2 | 20555 | 23240 | 0.25% | 0.027% |
| 61 | 17.857 | 2524 | 2528 | 2537 | rBV | 255270 | 325898 | 3.47% | 0.386% |
| 62 | 18.080 | 2561 | 2566 | 2575 | rBV | 409133 | 673190 | 7.18% | 0.796% |
| 63 | 18.963 | 2714 | 2716 | 2717 | rBV2 | 39511 | 33392 | 0.36% | 0.040% |
| 64 | 18.992 | 2717 | 2721 | 2735 | rVB | 1017749 | 1257054 | 13.40% | 1.487% |
| 65 | 19.122 | 2737 | 2743 | 2748 | rBV2 | 399671 | 529832 | 5.65% | 0.627% |
| 66 | 19.180 | 2749 | 2753 | 2756 | rBV | 82081 | 116306 | 1.24% | 0.138% |
| 67 | 19.316 | 2772 | 2776 | 2787 | rBV3 | 290927 | 506224 | 5.40% | 0.599% |
| 68 | 19.533 | 2807 | 2813 | 2825 | rBV | 7138585 | 9381868 | 100.00% | 11.099% |
| 69 | 20.374 | 2954 | 2956 | 2961 | rVB5 | 77171 | 86068 | 0.92% | 0.102% |
| 70 | 21.004 | 3060 | 3063 | 3071 | rVB4 | 206732 | 333025 | 3.55% | 0.394% |
| 71 | 21.286 | 3106 | 3111 | 3119 | rBV | 3486217 | 4586363 | 48.89% | 5.426% |
| 72 | 23.515 | 3483 | 3490 | 3503 | rVB2 | 3887503 | 7935441 | 84.58% | 9.387% |
| 73 | 23.668 | 3510 | 3516 | 3528 | rVB2 | 2047544 | 4049532 | 43.16% | 4.791% |

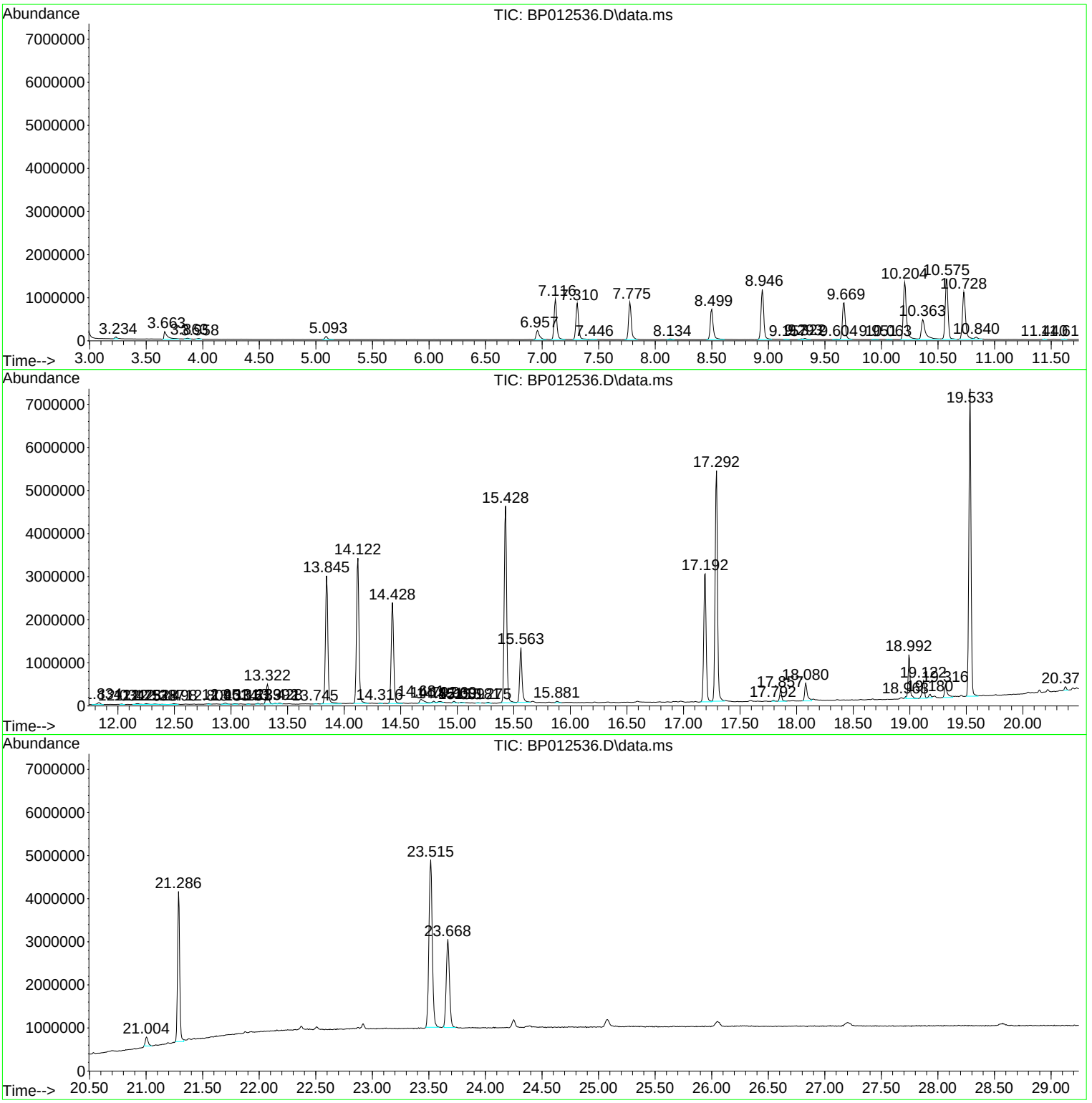
Sum of corrected areas: 84532192

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
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DBWX1

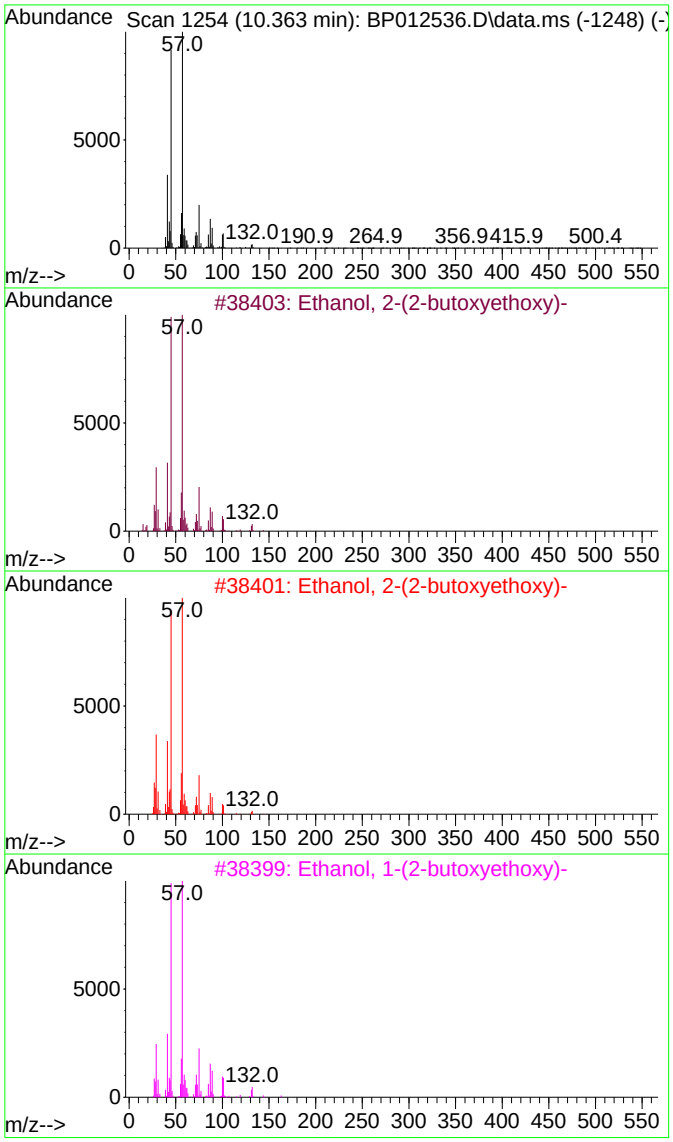
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

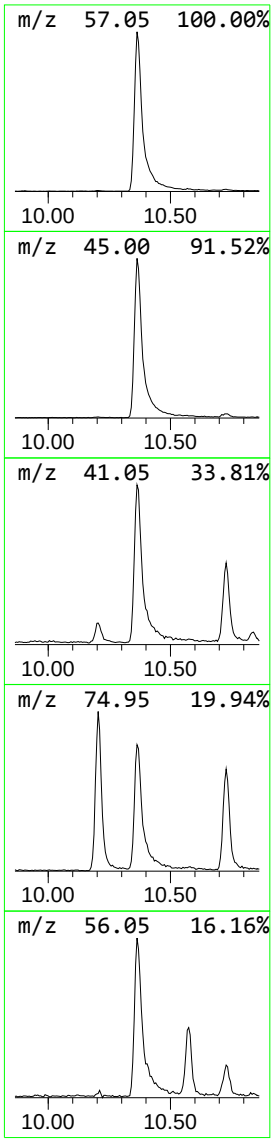
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.363 | 9.75 ng/ul | 1178820 | Naphthalene-d8 | 10.575 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 3 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 4 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 5 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

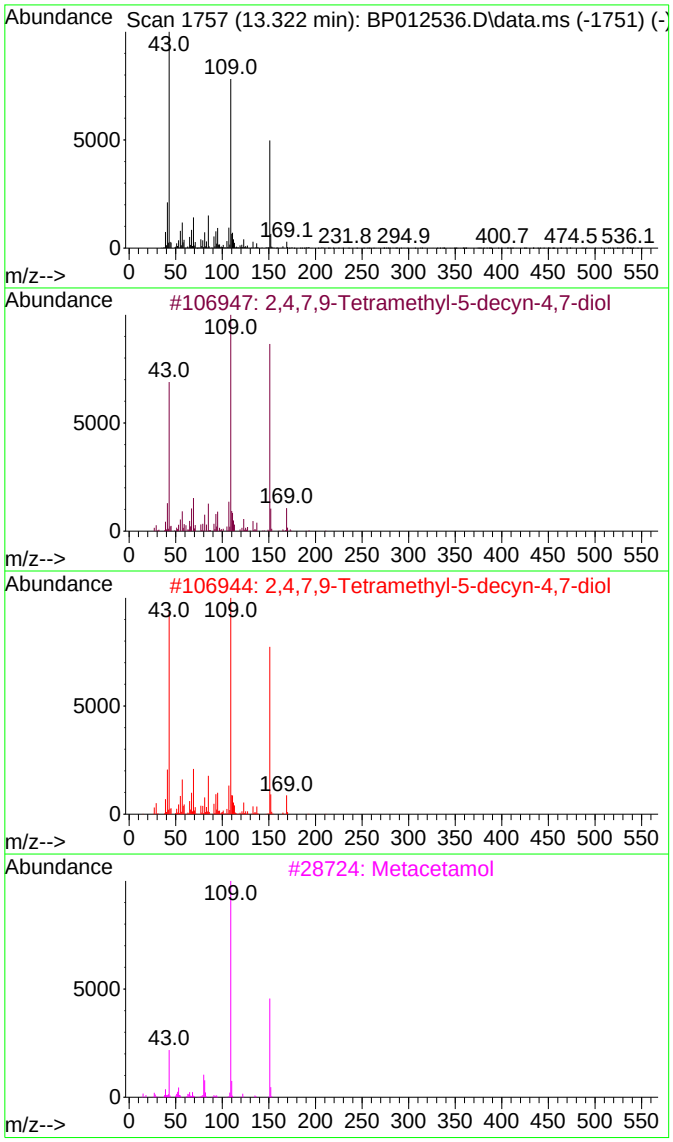
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

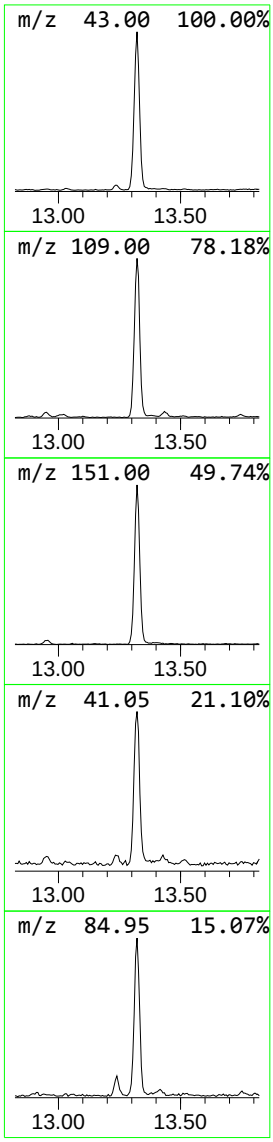
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.322 | 4.04 ng/ul | 717409 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 91 |
| 2 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 68 |
| 3 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 64 |
| 4 | Acetaminophen | 151 | C8H9NO2 | 000103-90-2 | 59 |
| 5 | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2 | 001006-96-8 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

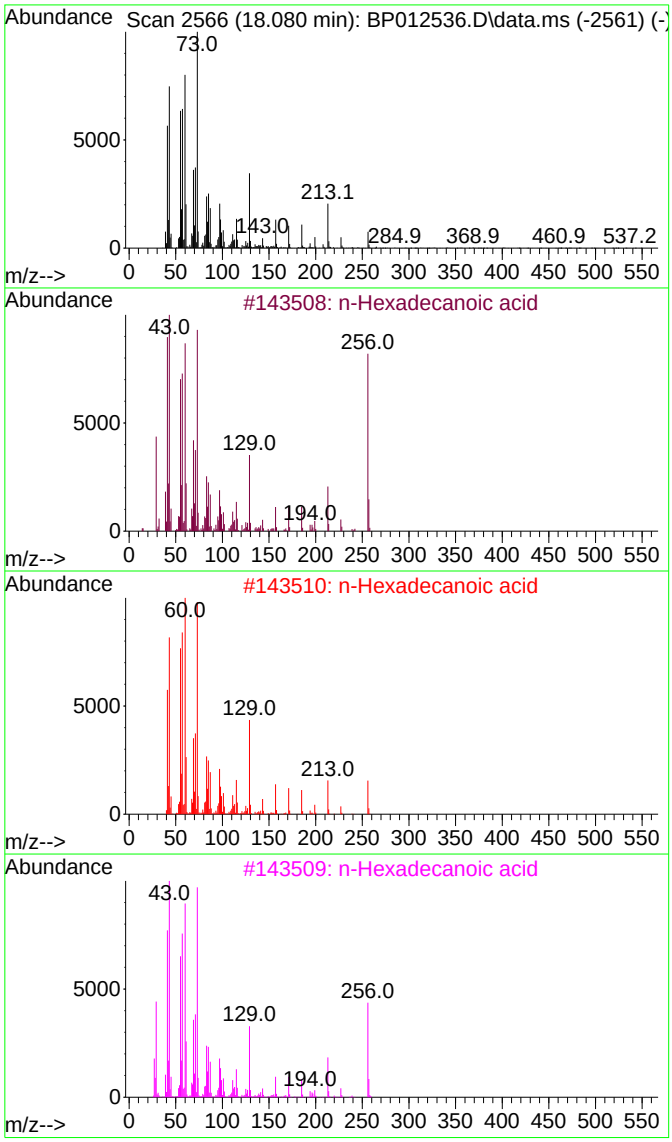
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

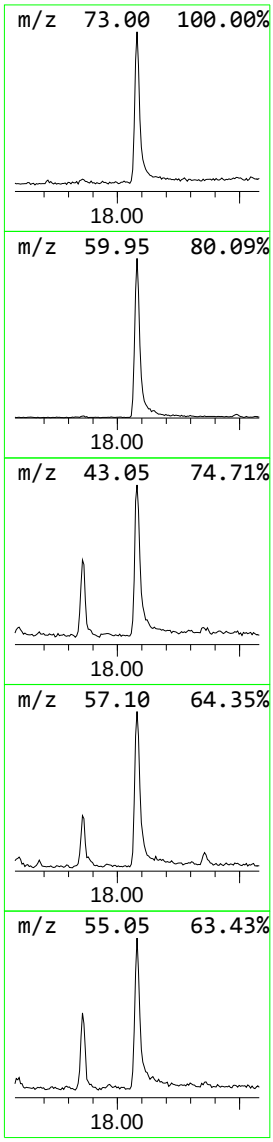
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.080 | 3.00 ng/ul | 673190 | Phenanthrene-d10 | 17.192 |

| 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 | 91 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

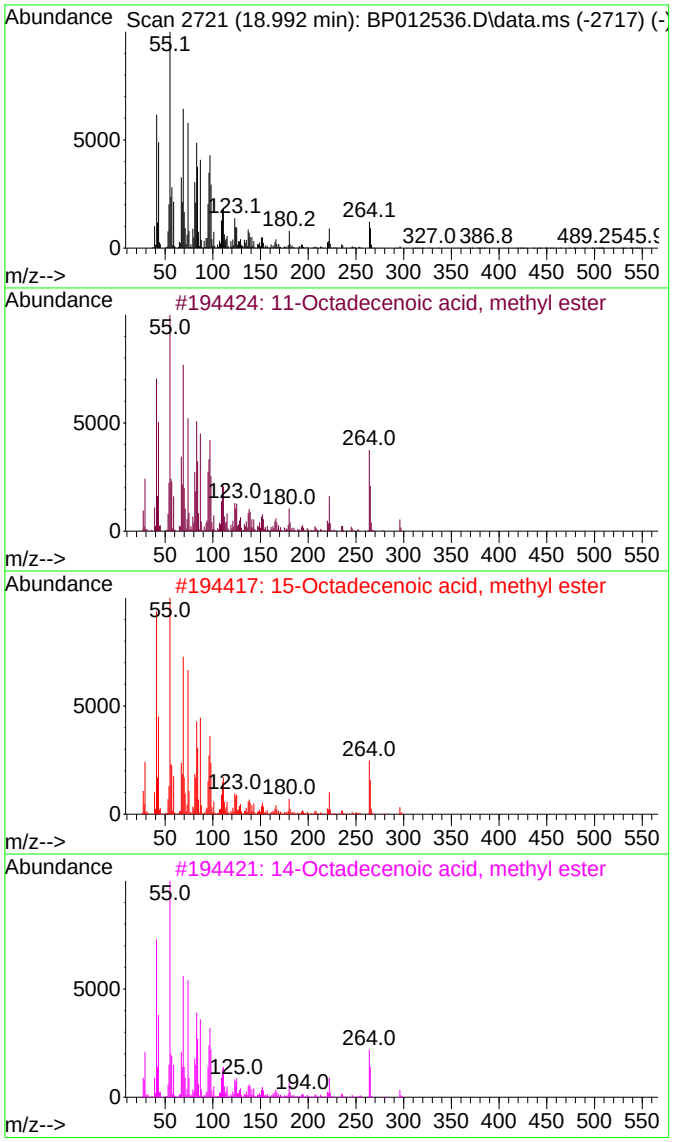
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

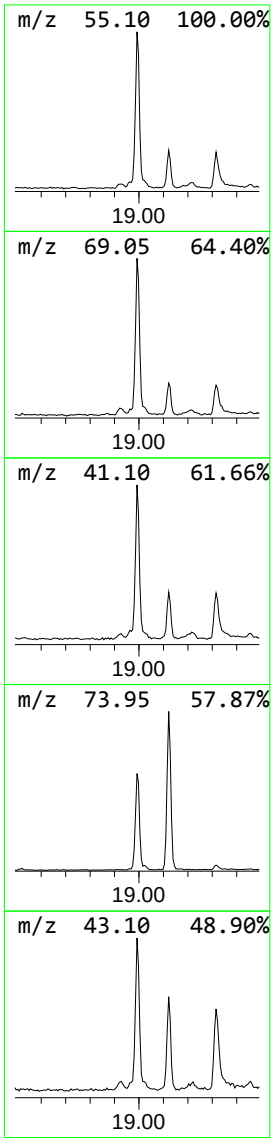
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 11-Octadecenoic acid, methy... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.992 | 5.61 ng/ul | 1257050 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052380-33-3 | 99 |
| 2 | 15-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 004764-72-1 | 99 |
| 3 | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 99 |
| 4 | 6-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052355-31-4 | 99 |
| 5 | 16-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-49-5 | 99 |



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Data File : BP012536.D
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Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

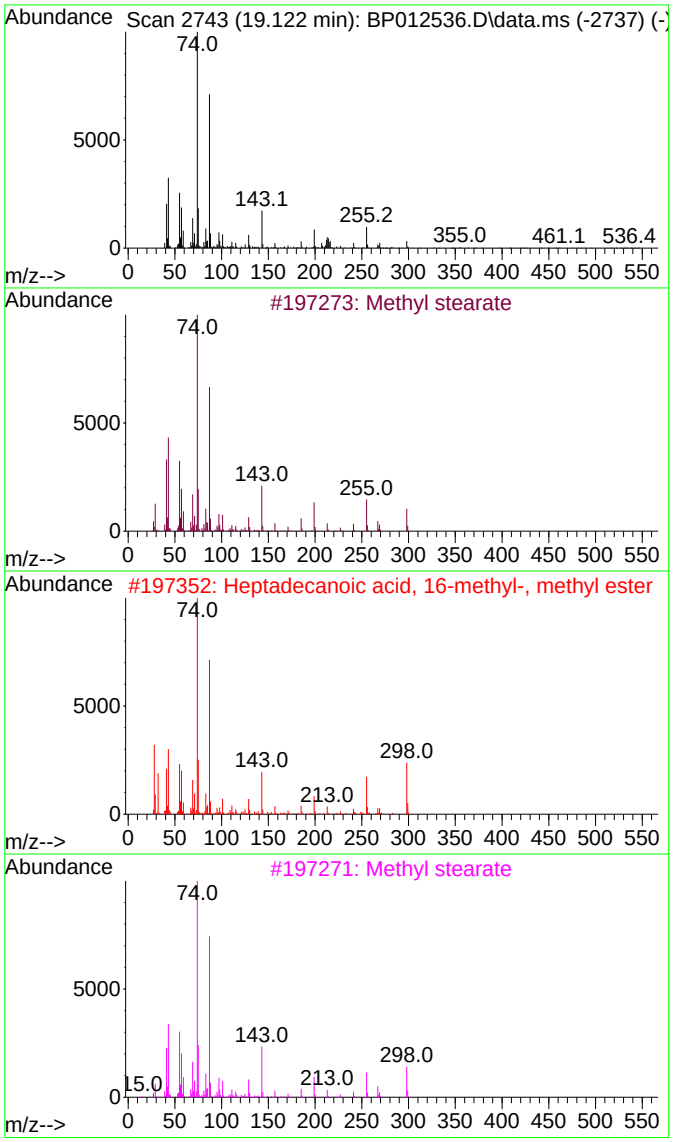
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

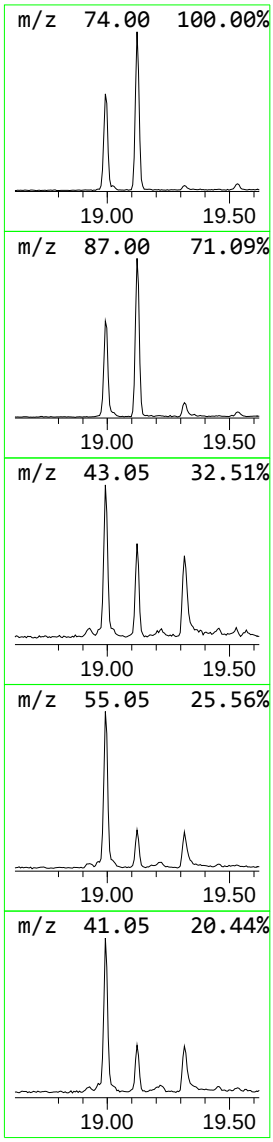
**********

Peak Number 5 Methyl stearate Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.122 | 2.36 ng/ul | 529832 | Phenanthrene-d10 | 17.192 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 97 |
| 2 | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 92 |
| 3 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 92 |
| 4 | Heptadecanoic acid, 15-methyl-, ... | 298 | C19H38O2 | 054833-55-5 | 91 |
| 5 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

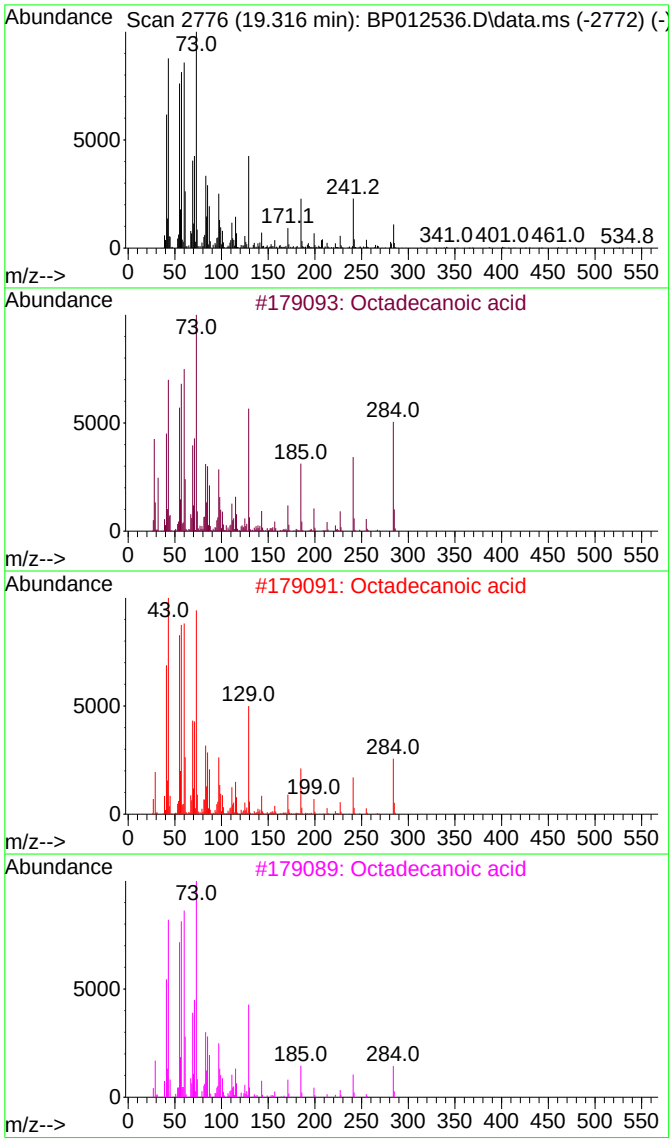
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

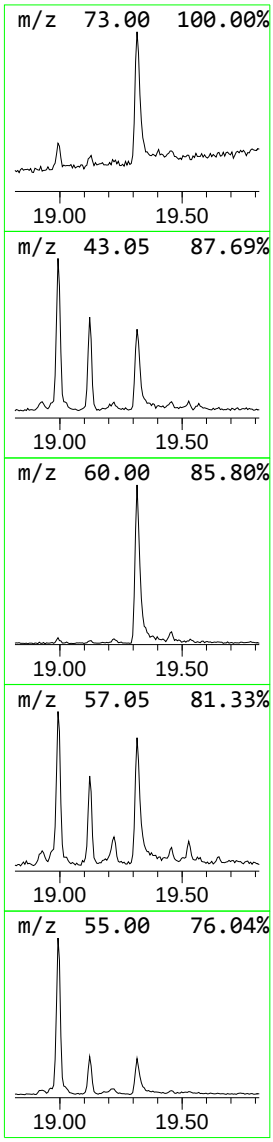
**********

Peak Number 6 Octadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.316 | 2.21 ng/ul | 506224 | Chrysene-d12 | 21.286 |

| 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 | 99 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 93 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110722\
Data File : BP012536.D
Acq On : 07 Nov 2022 17:57
Operator : CG/JU
Sample : N5353-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWX1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.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 |
| Ethanol, 2-(2-b... | 10.363 | 9.8 | ng/ul | 1178820 | 2 | 10.575 | 2417800 | 20.0 |
| 2,4,7,9-Tetrame... | 13.322 | 4.0 | ng/ul | 717409 | 3 | 14.428 | 3548220 | 20.0 |
| n-Hexadecanoic ... | 18.080 | 3.0 | ng/ul | 673190 | 4 | 17.192 | 4481900 | 20.0 |
| 11-Octadecenoic... | 18.992 | 5.6 | ng/ul | 1257050 | 4 | 17.192 | 4481900 | 20.0 |
| Methyl stearate | 19.122 | 2.4 | ng/ul | 529832 | 4 | 17.192 | 4481900 | 20.0 |
| Octadecanoic acid | 19.316 | 2.2 | ng/ul | 506224 | 5 | 21.286 | 4586360 | 20.0 |