LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
Data File : BN030923.D
Acq On : 14 Apr 2024 20:54
Operator : MA/JU
Sample : PB160112BL
Misc :
ALS Vial : 51 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK112

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_N\Methods\SFAM-EPA-BN032824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN030923.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.175 | 28 | 32 | 38 | rBV | 55982 | 80965 | 0.92% | 0.102% |
| 2 | 3.581 | 98 | 101 | 127 | rBV | 759147 | 1417064 | 16.06% | 1.782% |
| 3 | 3.899 | 152 | 155 | 161 | rVB2 | 9761 | 13955 | 0.16% | 0.018% |
| 4 | 6.834 | 648 | 654 | 669 | rVB | 1097339 | 1723250 | 19.53% | 2.167% |
| 5 | 7.005 | 676 | 683 | 695 | rVB | 879610 | 1371881 | 15.55% | 1.726% |
| 6 | 7.193 | 708 | 715 | 724 | rBV | 1056946 | 1731788 | 19.62% | 2.178% |
| 7 | 7.663 | 787 | 795 | 803 | rBV | 844189 | 1336060 | 15.14% | 1.680% |
| 8 | 8.363 | 907 | 914 | 932 | rBV | 1356253 | 2212673 | 25.07% | 2.783% |
| 9 | 8.816 | 984 | 991 | 1006 | rBV | 1041860 | 1700507 | 19.27% | 2.139% |
| 10 | 9.534 | 1105 | 1113 | 1124 | rBV | 844019 | 1397648 | 15.84% | 1.758% |
| 11 | 10.063 | 1194 | 1203 | 1217 | rBV | 1378577 | 2290952 | 25.96% | 2.882% |
| 12 | 10.446 | 1260 | 1268 | 1278 | rBV | 1223959 | 2049316 | 23.22% | 2.578% |
| 13 | 10.587 | 1283 | 1292 | 1312 | rBV | 1426398 | 2427944 | 27.51% | 3.054% |
| 14 | 11.093 | 1374 | 1378 | 1388 | rVB | 34357 | 65260 | 0.74% | 0.082% |
| 15 | 12.040 | 1532 | 1539 | 1546 | rVB | 22821 | 40465 | 0.46% | 0.051% |
| 16 | 13.204 | 1732 | 1737 | 1741 | rBV3 | 15006 | 23088 | 0.26% | 0.029% |
| 17 | 13.287 | 1744 | 1751 | 1757 | rVB3 | 13868 | 23468 | 0.27% | 0.030% |
| 18 | 13.722 | 1818 | 1825 | 1835 | rBV | 2469394 | 3433718 | 38.91% | 4.319% |
| 19 | 13.998 | 1865 | 1872 | 1886 | rBV2 | 2973361 | 4340608 | 49.19% | 5.460% |
| 20 | 14.304 | 1917 | 1924 | 1936 | rBV | 1990436 | 2922970 | 33.12% | 3.676% |
| 21 | 14.516 | 1953 | 1960 | 1979 | rBV | 1264190 | 1982229 | 22.46% | 2.493% |
| 22 | 14.722 | 1992 | 1995 | 2003 | rVB9 | 7080 | 14718 | 0.17% | 0.019% |
| 23 | 15.304 | 2087 | 2094 | 2106 | rBV | 3816525 | 5462326 | 61.90% | 6.870% |
| 24 | 15.422 | 2108 | 2114 | 2127 | rVV | 1109240 | 1480513 | 16.78% | 1.862% |
| 25 | 15.539 | 2130 | 2134 | 2143 | rVB2 | 20337 | 35597 | 0.40% | 0.045% |
| 26 | 16.086 | 2222 | 2227 | 2233 | rVB3 | 12722 | 19354 | 0.22% | 0.024% |
| 27 | 16.839 | 2349 | 2355 | 2362 | rBV5 | 5918 | 14234 | 0.16% | 0.018% |
| 28 | 17.057 | 2385 | 2392 | 2400 | rBV | 2637378 | 3818942 | 43.28% | 4.803% |
| 29 | 17.157 | 2402 | 2409 | 2422 | rVV2 | 4365730 | 6351658 | 71.98% | 7.989% |
| 30 | 17.727 | 2503 | 2506 | 2510 | rVB6 | 8046 | 11228 | 0.13% | 0.014% |
| 31 | 17.951 | 2540 | 2544 | 2549 | rBV7 | 16047 | 24576 | 0.28% | 0.031% |
| 32 | 18.022 | 2553 | 2556 | 2562 | rVB4 | 7572 | 13408 | 0.15% | 0.017% |
| 33 | 18.292 | 2598 | 2602 | 2612 | rVV2 | 43981 | 94693 | 1.07% | 0.119% |
| 34 | 18.392 | 2615 | 2619 | 2623 | rVB6 | 6278 | 10657 | 0.12% | 0.013% |
| 35 | 18.439 | 2623 | 2627 | 2630 | rBV5 | 6469 | 9574 | 0.11% | 0.012% |
| 36 | 19.016 | 2721 | 2725 | 2731 | rVB | 61581 | 81630 | 0.93% | 0.103% |

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Sample : PB160112BL
Misc :
ALS Vial : 51 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK112

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 separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 19.092 | 2733 | 2738 | 2742 | rBV | 60969 | 91076 | 1.03% | 0.115% |
| 38 | 19.157 | 2745 | 2749 | 2753 | rVB | 95635 | 109989 | 1.25% | 0.138% |
| 39 | 19.245 | 2760 | 2764 | 2768 | rBV7 | 15312 | 22199 | 0.25% | 0.028% |
| 40 | 19.398 | 2785 | 2790 | 2794 | rBV | 524991 | 601033 | 6.81% | 0.756% |
| 41 | 19.457 | 2794 | 2800 | 2806 | rVV2 | 5819553 | 8224494 | 93.20% | 10.345% |
| 42 | 19.510 | 2806 | 2809 | 2817 | rVB2 | 71359 | 101327 | 1.15% | 0.127% |
| 43 | 20.010 | 2892 | 2894 | 2898 | rVB3 | 15386 | 16447 | 0.19% | 0.021% |
| 44 | 20.239 | 2930 | 2933 | 2937 | rBV2 | 58189 | 65088 | 0.74% | 0.082% |
| 45 | 20.445 | 2964 | 2968 | 2974 | rBV | 459947 | 495818 | 5.62% | 0.624% |
| 46 | 20.510 | 2976 | 2979 | 2982 | rVV2 | 44976 | 52157 | 0.59% | 0.066% |
| 47 | 20.545 | 2982 | 2985 | 2988 | rVB3 | 36851 | 38444 | 0.44% | 0.048% |
| 48 | 20.986 | 3057 | 3060 | 3063 | rVB2 | 34276 | 36519 | 0.41% | 0.046% |
| 49 | 21.292 | 3106 | 3112 | 3123 | rBV2 | 3495178 | 4916710 | 55.72% | 6.184% |
| 50 | 21.486 | 3142 | 3145 | 3151 | rVB3 | 53923 | 69507 | 0.79% | 0.087% |
| 51 | 22.663 | 3342 | 3345 | 3352 | rVB2 | 98155 | 167013 | 1.89% | 0.210% |
| 52 | 23.386 | 3464 | 3468 | 3474 | rVB | 111319 | 196872 | 2.23% | 0.248% |
| 53 | 24.015 | 3565 | 3575 | 3591 | rBV2 | 3615833 | 8824659 | 100.00% | 11.100% |
| 54 | 24.215 | 3600 | 3609 | 3624 | rVB | 2191287 | 5446275 | 61.72% | 6.850% |

Sum of corrected areas: 79504544

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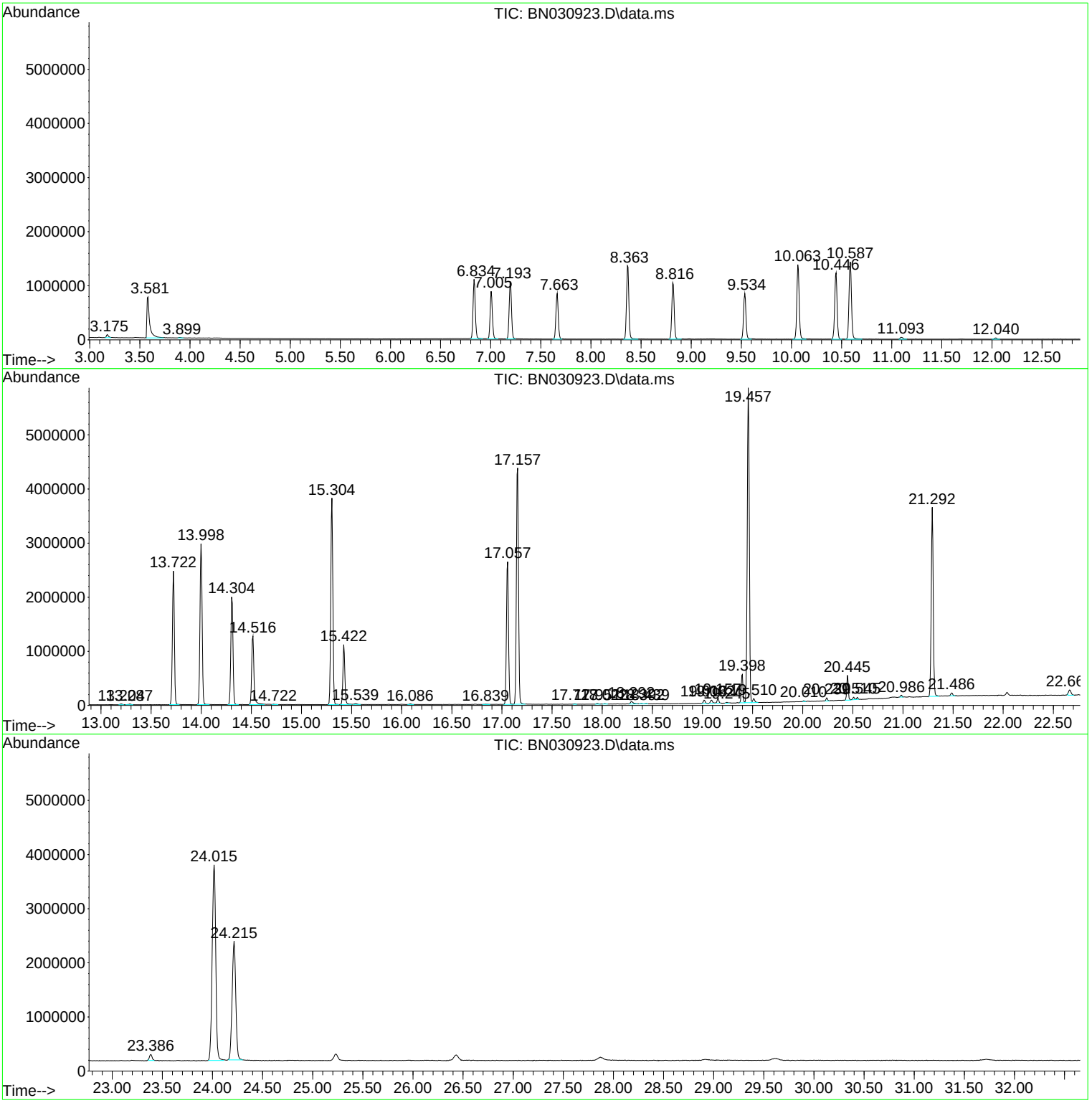
Misc :
ALS Vial : 51 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK112

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

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



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SBLK112

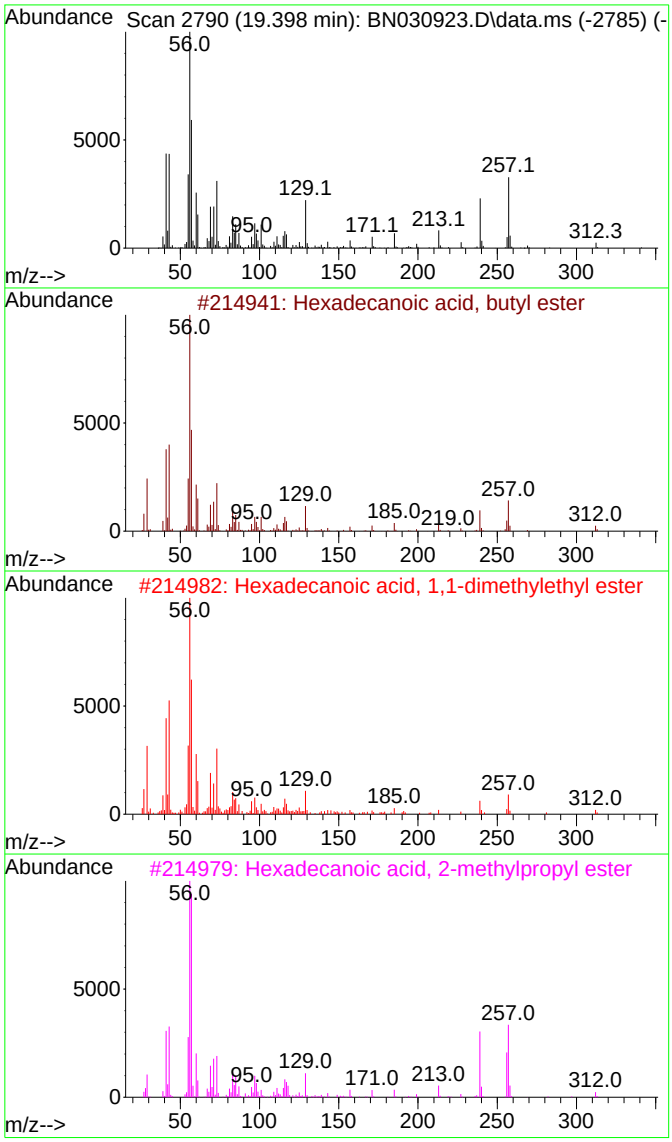
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

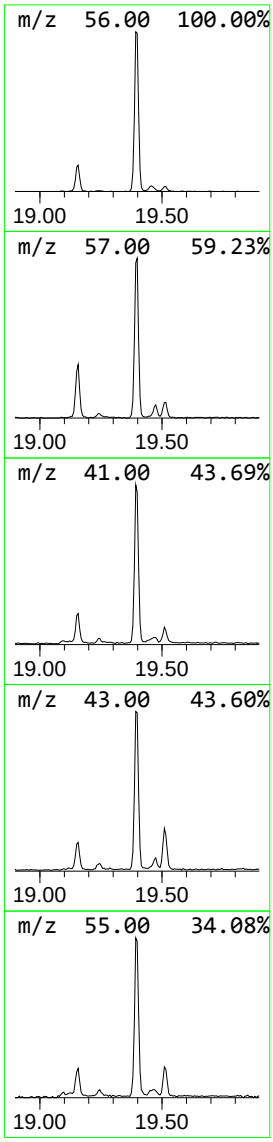
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Hexadecanoic acid, butyl ester Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.398 | 2.44 ng/ul | 601033 | Chrysene-d12 | 21.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, butyl ester | 312 | C20H40O2 | 000111-06-8 | 97 |
| 2 | Hexadecanoic acid, 1,1-dimethyle... | 312 | C20H40O2 | 031158-91-5 | 96 |
| 3 | Hexadecanoic acid, 2-methylpropy... | 312 | C20H40O2 | 000110-34-9 | 78 |
| 4 | Nipecotic acid | 129 | C6H11NO2 | 000498-95-3 | 47 |
| 5 | Hexadecanoic acid, butyl ester | 312 | C20H40O2 | 000111-06-8 | 46 |



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Operator : MA/JU
Sample : PB160112BL
Misc :
ALS Vial : 51 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SBLK112

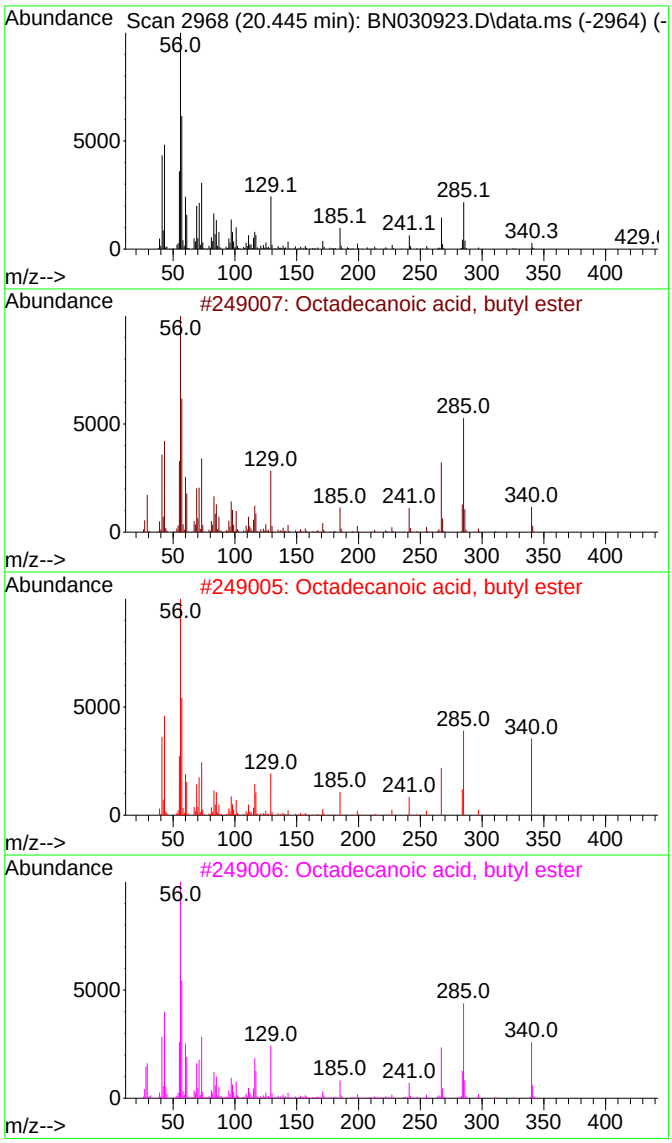
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

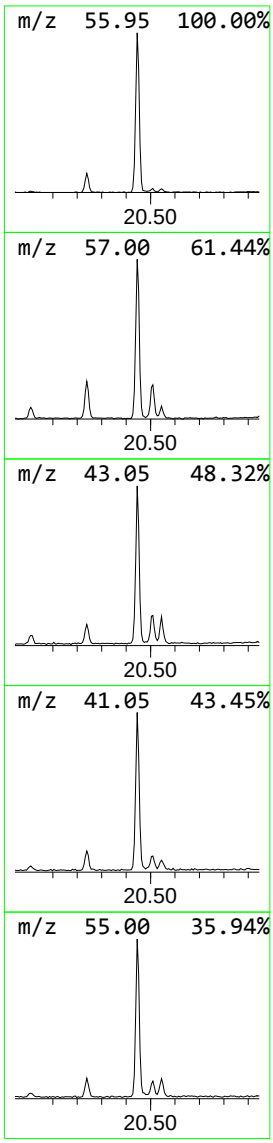
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.445 | 2.02 ng/ul | 495818 | Chrysene-d12 | 21.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 99 |
| 2 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 94 |
| 3 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 86 |
| 4 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 72 |
| 5 | Butyl myristate | 284 | C18H36O2 | 000110-36-1 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
Data File : BN030923.D
Acq On : 14 Apr 2024 20:54
Operator : MA/JU
Sample : PB160112BL
Misc :
ALS Vial : 51 Sample Multiplier: 1

**Instrument :**
BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.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 |
| Hexadecanoic ac... | 19.398 | 2.4 | ng/ul | 601033 | 5 | 21.292 | 4916710 | 20.0 |
| Octadecanoic ac... | 20.445 | 2.0 | ng/ul | 495818 | 5 | 21.292 | 4916710 | 20.0 |