LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111022\
Data File : BP012604.D
Acq On : 10 Nov 2022 17:50
Operator : CG/JU
Sample : N5493-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0AC5

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-BP110922.M
Title : SVOA CALIBRATION

Signal : TIC: BP012604.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.222 | 37 | 40 | 45 | rBV | 46599 | 63024 | 0.74% | 0.080% |
| 2 | 3.652 | 111 | 113 | 133 | rBV | 157856 | 326429 | 3.82% | 0.415% |
| 3 | 3.852 | 143 | 147 | 155 | rVB2 | 20355 | 36033 | 0.42% | 0.046% |
| 4 | 3.952 | 160 | 164 | 172 | rVB | 21767 | 32324 | 0.38% | 0.041% |
| 5 | 4.334 | 225 | 229 | 234 | rVB8 | 4679 | 8618 | 0.10% | 0.011% |
| 6 | 6.952 | 667 | 674 | 685 | rBV | 202945 | 379059 | 4.43% | 0.482% |
| 7 | 7.099 | 691 | 699 | 716 | rBV | 844075 | 1445074 | 16.89% | 1.839% |
| 8 | 7.299 | 726 | 733 | 743 | rBV | 777614 | 1318791 | 15.42% | 1.678% |
| 9 | 7.757 | 804 | 811 | 822 | rBV | 971561 | 1666055 | 19.47% | 2.120% |
| 10 | 8.487 | 928 | 935 | 958 | rBV | 628542 | 1159271 | 13.55% | 1.475% |
| 11 | 8.928 | 1003 | 1010 | 1030 | rBV | 979654 | 1749473 | 20.45% | 2.227% |
| 12 | 9.063 | 1030 | 1033 | 1045 | rVB | 5825 | 18708 | 0.22% | 0.024% |
| 13 | 9.304 | 1067 | 1074 | 1080 | rVB2 | 26599 | 40573 | 0.47% | 0.052% |
| 14 | 9.651 | 1125 | 1133 | 1145 | rBV | 785033 | 1363728 | 15.94% | 1.736% |
| 15 | 10.193 | 1216 | 1225 | 1245 | rBV | 1040097 | 2021189 | 23.63% | 2.572% |
| 16 | 10.557 | 1279 | 1287 | 1302 | rBV | 1569643 | 2699473 | 31.55% | 3.436% |
| 17 | 10.716 | 1306 | 1314 | 1339 | rBV | 782011 | 1605467 | 18.77% | 2.043% |
| 18 | 11.993 | 1525 | 1531 | 1537 | rBV7 | 8870 | 16700 | 0.20% | 0.021% |
| 19 | 12.163 | 1555 | 1560 | 1567 | rVB3 | 16816 | 32740 | 0.38% | 0.042% |
| 20 | 12.416 | 1598 | 1603 | 1610 | rBV2 | 12312 | 18186 | 0.21% | 0.023% |
| 21 | 13.228 | 1736 | 1741 | 1744 | rBV5 | 6991 | 10180 | 0.12% | 0.013% |
| 22 | 13.304 | 1748 | 1754 | 1760 | rVV2 | 28326 | 46406 | 0.54% | 0.059% |
| 23 | 13.381 | 1764 | 1767 | 1776 | rVB8 | 6749 | 13990 | 0.16% | 0.018% |
| 24 | 13.834 | 1835 | 1844 | 1858 | rBV | 2458809 | 3733649 | 43.64% | 4.752% |
| 25 | 13.934 | 1859 | 1861 | 1867 | rVB5 | 21021 | 33003 | 0.39% | 0.042% |
| 26 | 14.104 | 1883 | 1890 | 1914 | rBV | 2709849 | 4293559 | 50.19% | 5.464% |
| 27 | 14.298 | 1921 | 1923 | 1928 | rVB6 | 9970 | 13123 | 0.15% | 0.017% |
| 28 | 14.416 | 1936 | 1943 | 1955 | rBV | 2598923 | 3976781 | 46.48% | 5.061% |
| 29 | 14.687 | 1983 | 1989 | 1996 | rBV2 | 91800 | 235748 | 2.76% | 0.300% |
| 30 | 14.839 | 2012 | 2015 | 2022 | rVB7 | 18605 | 29982 | 0.35% | 0.038% |
| 31 | 15.075 | 2051 | 2055 | 2061 | rVB3 | 22331 | 30659 | 0.36% | 0.039% |
| 32 | 15.210 | 2075 | 2078 | 2081 | rBV2 | 7547 | 8854 | 0.10% | 0.011% |
| 33 | 15.257 | 2081 | 2086 | 2090 | rVB5 | 9420 | 14187 | 0.17% | 0.018% |
| 34 | 15.416 | 2106 | 2113 | 2130 | rBV | 3559559 | 5731883 | 67.00% | 7.295% |
| 35 | 15.551 | 2130 | 2136 | 2150 | rVV | 1216871 | 1872826 | 21.89% | 2.383% |
| 36 | 15.651 | 2150 | 2153 | 2159 | rVB4 | 24649 | 42110 | 0.49% | 0.054% |

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Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0AC5

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.145 | 2231 | 2237 | 2243 | rBV4 | 10870 | 25680 | 0.30% | 0.033% |
| 38 | 16.581 | 2307 | 2311 | 2319 | rBV2 | 38187 | 64043 | 0.75% | 0.082% |
| 39 | 16.939 | 2368 | 2372 | 2376 | rBV4 | 14923 | 25349 | 0.30% | 0.032% |
| 40 | 17.181 | 2406 | 2413 | 2423 | rBV | 3168792 | 4742979 | 55.44% | 6.036% |
| 41 | 17.281 | 2423 | 2430 | 2440 | rBV | 4524517 | 6848232 | 80.05% | 8.716% |
| 42 | 17.469 | 2459 | 2462 | 2468 | rVB4 | 14081 | 19444 | 0.23% | 0.025% |
| 43 | 17.604 | 2478 | 2485 | 2493 | rBV4 | 27553 | 71892 | 0.84% | 0.091% |
| 44 | 17.845 | 2522 | 2526 | 2532 | rBV | 208435 | 261513 | 3.06% | 0.333% |
| 45 | 17.951 | 2540 | 2544 | 2552 | rVB8 | 18812 | 33500 | 0.39% | 0.043% |
| 46 | 18.069 | 2559 | 2564 | 2569 | rBV | 432383 | 648206 | 7.58% | 0.825% |
| 47 | 18.951 | 2712 | 2714 | 2715 | rBV2 | 19038 | 15385 | 0.18% | 0.020% |
| 48 | 18.980 | 2715 | 2719 | 2730 | rVB | 434311 | 537510 | 6.28% | 0.684% |
| 49 | 19.110 | 2735 | 2741 | 2746 | rBV2 | 124385 | 221895 | 2.59% | 0.282% |
| 50 | 19.169 | 2747 | 2751 | 2753 | rBV | 98593 | 147483 | 1.72% | 0.188% |
| 51 | 19.304 | 2770 | 2774 | 2788 | rBV | 295758 | 481323 | 5.63% | 0.613% |
| 52 | 19.522 | 2805 | 2811 | 2827 | rBV | 6301136 | 8492496 | 99.27% | 10.808% |
| 53 | 20.522 | 2978 | 2981 | 2985 | rBV2 | 88889 | 115709 | 1.35% | 0.147% |
| 54 | 21.010 | 3060 | 3064 | 3072 | rVB2 | 193041 | 351529 | 4.11% | 0.447% |
| 55 | 21.274 | 3105 | 3109 | 3118 | rBV | 4042238 | 5469481 | 63.93% | 6.961% |
| 56 | 23.504 | 3480 | 3488 | 3503 | rVB | 4175814 | 8555214 | 100.00% | 10.888% |
| 57 | 23.651 | 3507 | 3513 | 3530 | rVB2 | 2589004 | 5357989 | 62.63% | 6.819% |

Sum of corrected areas: 78574707

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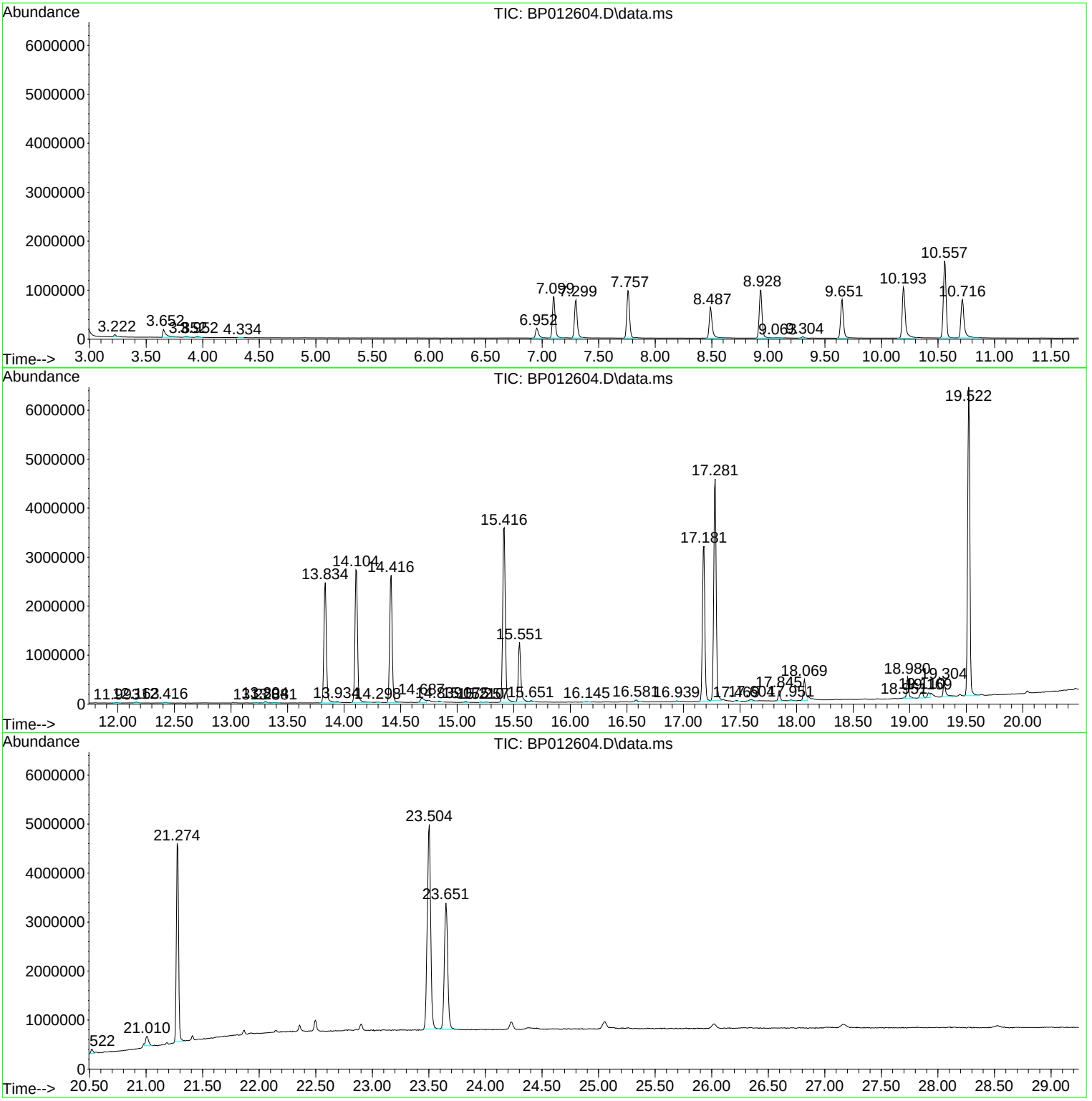
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0AC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
Quant Title : SVOA CALIBRATION

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



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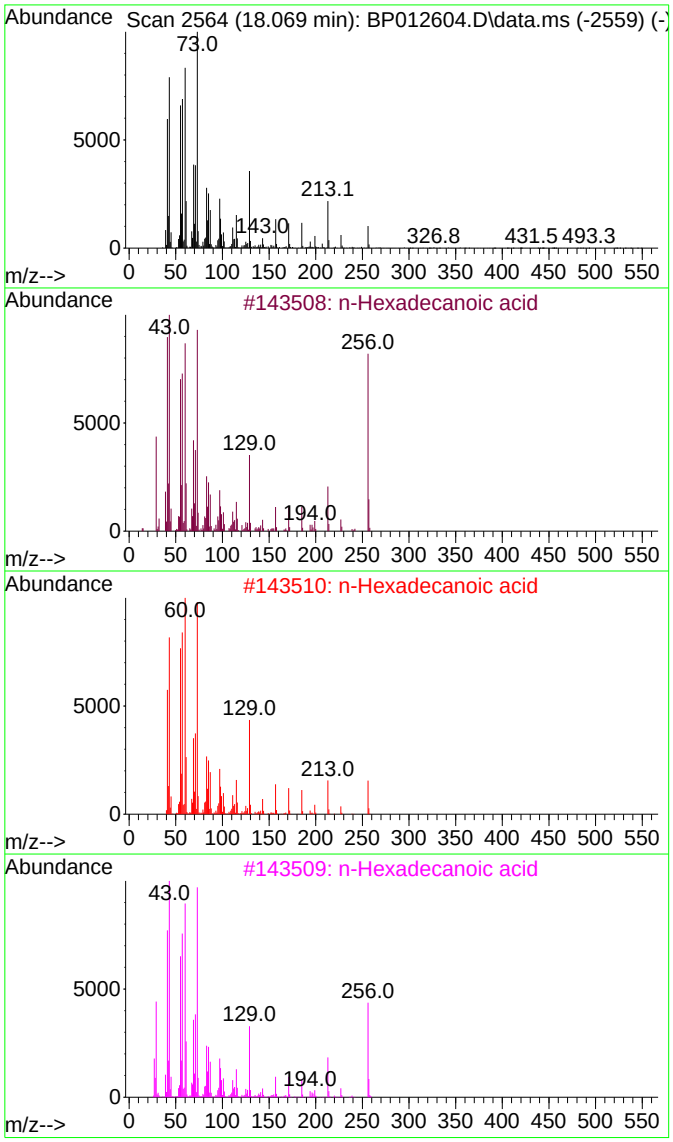
TIC Integration Parameters: LSCINT.P

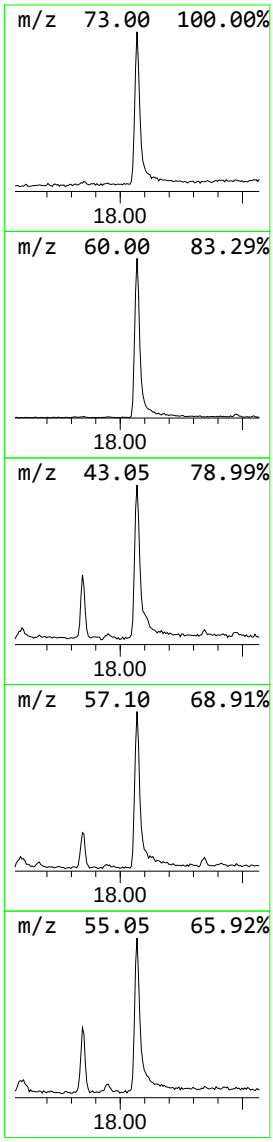
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.069 | 2.73 ng/ul | 648206 | Phenanthrene-d10 | 17.180 |

| 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 | 95 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |



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ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
H0AC5

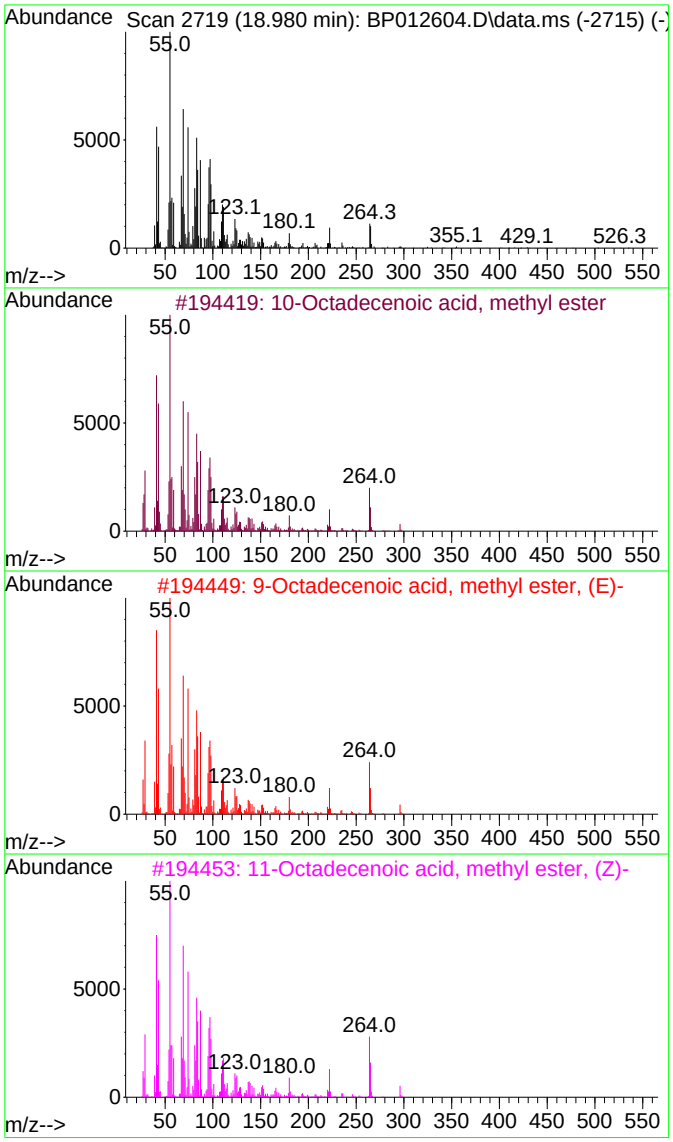
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
Quant Title : SVOA CALIBRATION

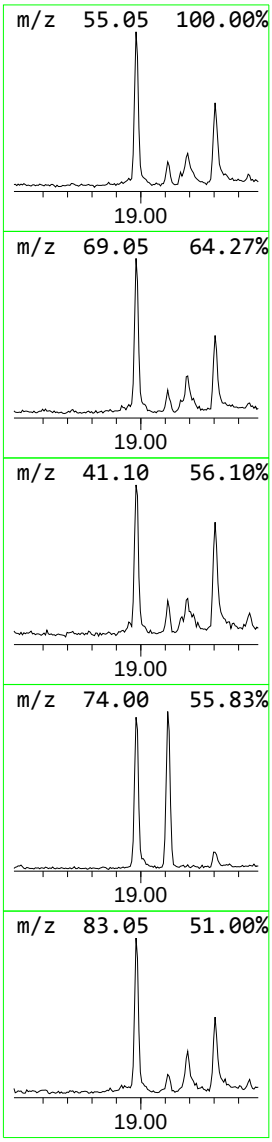
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 10-Octadecenoic acid, methy... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.980 | 2.27 ng/ul | 537510 | Phenanthrene-d10 | 17.180 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 013481-95-3 | 99 |
| 2 | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8 | 99 |
| 3 | 11-Octadecenoic acid, methyl est... | 296 | C19H36O2 | 001937-63-9 | 99 |
| 4 | 11-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052380-33-3 | 98 |
| 5 | 15-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 004764-72-1 | 98 |



Tentatively Identified Compound (LSC) summary

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Misc :
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**Instrument :**
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.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 ... | 18.069 | 2.7 | ng/ul | 648206 | 4 | 17.180 | 4742980 | 20.0 |
| 10-Octadecenoic... | 18.980 | 2.3 | ng/ul | 537510 | 4 | 17.180 | 4742980 | 20.0 |