LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072420\
Data File : BN011261.D
Acq On : 25 Jul 2020 04:14
Operator : CG/JU
Sample : L3388-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AE5

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\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.140 | 23 | 26 | 33 | rBV | 39474 | 56231 | 1.00% | 0.091% |
| 2 | 3.428 | 71 | 75 | 78 | rBV4 | 9773 | 18037 | 0.32% | 0.029% |
| 3 | 3.658 | 109 | 114 | 119 | rBV3 | 20106 | 35235 | 0.62% | 0.057% |
| 4 | 3.740 | 122 | 128 | 131 | rVB2 | 14237 | 25093 | 0.44% | 0.040% |
| 5 | 3.816 | 139 | 141 | 144 | rBV3 | 10881 | 11457 | 0.20% | 0.018% |
| 6 | 4.699 | 286 | 291 | 297 | rBV5 | 9524 | 13208 | 0.23% | 0.021% |
| 7 | 6.522 | 597 | 601 | 607 | rBV5 | 11974 | 18096 | 0.32% | 0.029% |
| 8 | 6.675 | 621 | 627 | 639 | rBV | 869335 | 1364790 | 24.16% | 2.200% |
| 9 | 6.834 | 646 | 654 | 665 | rBV | 681046 | 1037448 | 18.37% | 1.672% |
| 10 | 7.022 | 679 | 686 | 699 | rVB | 986501 | 1501397 | 26.58% | 2.420% |
| 11 | 7.128 | 699 | 704 | 710 | rBV | 31304 | 55366 | 0.98% | 0.089% |
| 12 | 7.481 | 757 | 764 | 773 | rVV | 847889 | 1327488 | 23.50% | 2.140% |
| 13 | 8.187 | 876 | 884 | 896 | rBV | 1160506 | 1774845 | 31.42% | 2.861% |
| 14 | 8.616 | 950 | 957 | 966 | rBV | 859449 | 1365101 | 24.17% | 2.200% |
| 15 | 9.069 | 1030 | 1034 | 1042 | rBV2 | 7713 | 13143 | 0.23% | 0.021% |
| 16 | 9.328 | 1071 | 1078 | 1087 | rBV | 781873 | 1209867 | 21.42% | 1.950% |
| 17 | 9.857 | 1160 | 1168 | 1180 | rBV | 1207247 | 1975394 | 34.97% | 3.184% |
| 18 | 10.228 | 1224 | 1231 | 1239 | rVB | 1190206 | 1964010 | 34.77% | 3.165% |
| 19 | 10.369 | 1248 | 1255 | 1272 | rBV | 1034707 | 1884268 | 33.36% | 3.037% |
| 20 | 11.822 | 1496 | 1502 | 1509 | rVB3 | 17138 | 30520 | 0.54% | 0.049% |
| 21 | 12.457 | 1604 | 1610 | 1615 | rBV5 | 9717 | 15614 | 0.28% | 0.025% |
| 22 | 12.722 | 1648 | 1655 | 1659 | rBV3 | 18226 | 28356 | 0.50% | 0.046% |
| 23 | 12.957 | 1690 | 1695 | 1699 | rBV4 | 10428 | 16282 | 0.29% | 0.026% |
| 24 | 13.028 | 1702 | 1707 | 1717 | rVV3 | 45981 | 72587 | 1.28% | 0.117% |
| 25 | 13.534 | 1787 | 1793 | 1797 | rBV | 2094762 | 2822870 | 49.97% | 4.550% |
| 26 | 13.581 | 1797 | 1801 | 1808 | rVB | 547019 | 723030 | 12.80% | 1.165% |
| 27 | 13.798 | 1831 | 1838 | 1849 | rBV | 2460814 | 3554135 | 62.92% | 5.728% |
| 28 | 14.045 | 1875 | 1880 | 1883 | rVB2 | 6507 | 7765 | 0.14% | 0.013% |
| 29 | 14.110 | 1885 | 1891 | 1904 | rVB | 1975222 | 2804267 | 49.64% | 4.520% |
| 30 | 14.334 | 1922 | 1929 | 1944 | rBV | 803689 | 1268979 | 22.46% | 2.045% |
| 31 | 14.475 | 1952 | 1953 | 1960 | rVB7 | 5778 | 8415 | 0.15% | 0.014% |
| 32 | 14.951 | 2029 | 2034 | 2039 | rBV2 | 15162 | 29316 | 0.52% | 0.047% |
| 33 | 15.004 | 2039 | 2043 | 2046 | rVB3 | 7119 | 9608 | 0.17% | 0.015% |
| 34 | 15.110 | 2055 | 2061 | 2073 | rBV | 3084111 | 4386069 | 77.65% | 7.069% |

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Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AE5

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\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 15.245 | 2077 | 2084 | 2093 | rBV | 898477 | 1261074 | 22.32% | 2.032% |
| 36 | 15.310 | 2093 | 2095 | 2098 | rVV3 | 12153 | 11547 | 0.20% | 0.019% |
| 37 | 15.351 | 2098 | 2102 | 2107 | rVB2 | 32025 | 45219 | 0.80% | 0.073% |
| 38 | 15.569 | 2136 | 2139 | 2143 | rVB4 | 5858 | 7664 | 0.14% | 0.012% |
| 39 | 15.616 | 2143 | 2147 | 2150 | rBV4 | 5142 | 9288 | 0.16% | 0.015% |
| 40 | 15.704 | 2158 | 2162 | 2165 | rBV4 | 5400 | 8412 | 0.15% | 0.014% |
| 41 | 15.833 | 2182 | 2184 | 2188 | rVV4 | 7871 | 8447 | 0.15% | 0.014% |
| 42 | 15.869 | 2188 | 2190 | 2192 | rVV2 | 6517 | 7065 | 0.13% | 0.011% |
| 43 | 15.898 | 2192 | 2195 | 2203 | rVB5 | 15602 | 29735 | 0.53% | 0.048% |
| 44 | 16.039 | 2213 | 2219 | 2222 | rBV6 | 8645 | 14603 | 0.26% | 0.024% |
| 45 | 16.122 | 2229 | 2233 | 2237 | rBV | 27946 | 35465 | 0.63% | 0.057% |
| 46 | 16.228 | 2244 | 2251 | 2253 | rBV5 | 3448 | 5942 | 0.11% | 0.010% |
| 47 | 16.281 | 2256 | 2260 | 2266 | rBV4 | 10562 | 17283 | 0.31% | 0.028% |
| 48 | 16.628 | 2315 | 2319 | 2321 | rBV4 | 7047 | 8774 | 0.16% | 0.014% |
| 49 | 16.663 | 2321 | 2325 | 2329 | rVB4 | 11390 | 15349 | 0.27% | 0.025% |
| 50 | 16.863 | 2353 | 2359 | 2370 | rBV | 2487172 | 3404503 | 60.27% | 5.487% |
| 51 | 16.963 | 2370 | 2376 | 2385 | rBV | 3368106 | 4710879 | 83.40% | 7.593% |
| 52 | 17.180 | 2410 | 2413 | 2416 | rBV5 | 5050 | 7436 | 0.13% | 0.012% |
| 53 | 17.404 | 2448 | 2451 | 2453 | rBV3 | 6165 | 6421 | 0.11% | 0.010% |
| 54 | 17.580 | 2479 | 2481 | 2485 | rVB5 | 6049 | 5666 | 0.10% | 0.009% |
| 55 | 17.733 | 2503 | 2507 | 2513 | rBV7 | 25607 | 42174 | 0.75% | 0.068% |
| 56 | 17.804 | 2513 | 2519 | 2534 | rBV | 426890 | 770666 | 13.64% | 1.242% |
| 57 | 18.092 | 2566 | 2568 | 2575 | rVB8 | 13507 | 18685 | 0.33% | 0.030% |
| 58 | 18.169 | 2579 | 2581 | 2584 | rVB3 | 9705 | 10015 | 0.18% | 0.016% |
| 59 | 18.286 | 2598 | 2601 | 2606 | rVB2 | 11385 | 17945 | 0.32% | 0.029% |
| 60 | 18.557 | 2643 | 2647 | 2651 | rBV | 110532 | 128392 | 2.27% | 0.207% |
| 61 | 18.598 | 2651 | 2654 | 2660 | rBV8 | 11167 | 14801 | 0.26% | 0.024% |
| 62 | 18.651 | 2660 | 2663 | 2666 | rBV2 | 21080 | 24523 | 0.43% | 0.040% |
| 63 | 18.745 | 2676 | 2679 | 2684 | rVB6 | 38017 | 57683 | 1.02% | 0.093% |
| 64 | 18.904 | 2702 | 2706 | 2709 | rBV | 39807 | 57978 | 1.03% | 0.093% |
| 65 | 18.939 | 2709 | 2712 | 2714 | rVB2 | 31021 | 34110 | 0.60% | 0.055% |
| 66 | 19.092 | 2732 | 2738 | 2745 | rBV2 | 150281 | 267239 | 4.73% | 0.431% |
| 67 | 19.157 | 2746 | 2749 | 2753 | rVV2 | 65579 | 94428 | 1.67% | 0.152% |
| 68 | 19.204 | 2755 | 2757 | 2762 | rVB5 | 25754 | 26558 | 0.47% | 0.043% |
| 69 | 19.269 | 2762 | 2768 | 2776 | rBV | 4375565 | 5648867 | 100.00% | 9.104% |
| 70 | 20.004 | 2890 | 2893 | 2897 | rBV4 | 41743 | 50088 | 0.89% | 0.081% |
| 71 | 20.174 | 2917 | 2922 | 2926 | rBV | 308672 | 372127 | 6.59% | 0.600% |

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Misc :
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**Instrument :** BNA_N
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 20.221 | 2926 | 2930 | 2942 | rVB5 | 143892 | 307967 | 5.45% | 0.496% |
| 73 | 20.827 | 3029 | 3033 | 3042 | rBV | 865859 | 1555178 | 27.53% | 2.506% |
| 74 | 21.080 | 3070 | 3076 | 3081 | rBV | 3215481 | 3931996 | 69.61% | 6.337% |
| 75 | 21.274 | 3107 | 3109 | 3112 | rBV3 | 68841 | 64800 | 1.15% | 0.104% |
| 76 | 21.698 | 3178 | 3181 | 3182 | rBV3 | 84362 | 89667 | 1.59% | 0.145% |
| 77 | 23.074 | 3409 | 3415 | 3422 | rBV | 2438580 | 4177491 | 73.95% | 6.733% |
| 78 | 23.210 | 3432 | 3438 | 3447 | rVB2 | 1846309 | 3233551 | 57.24% | 5.212% |

Sum of corrected areas: 62045988

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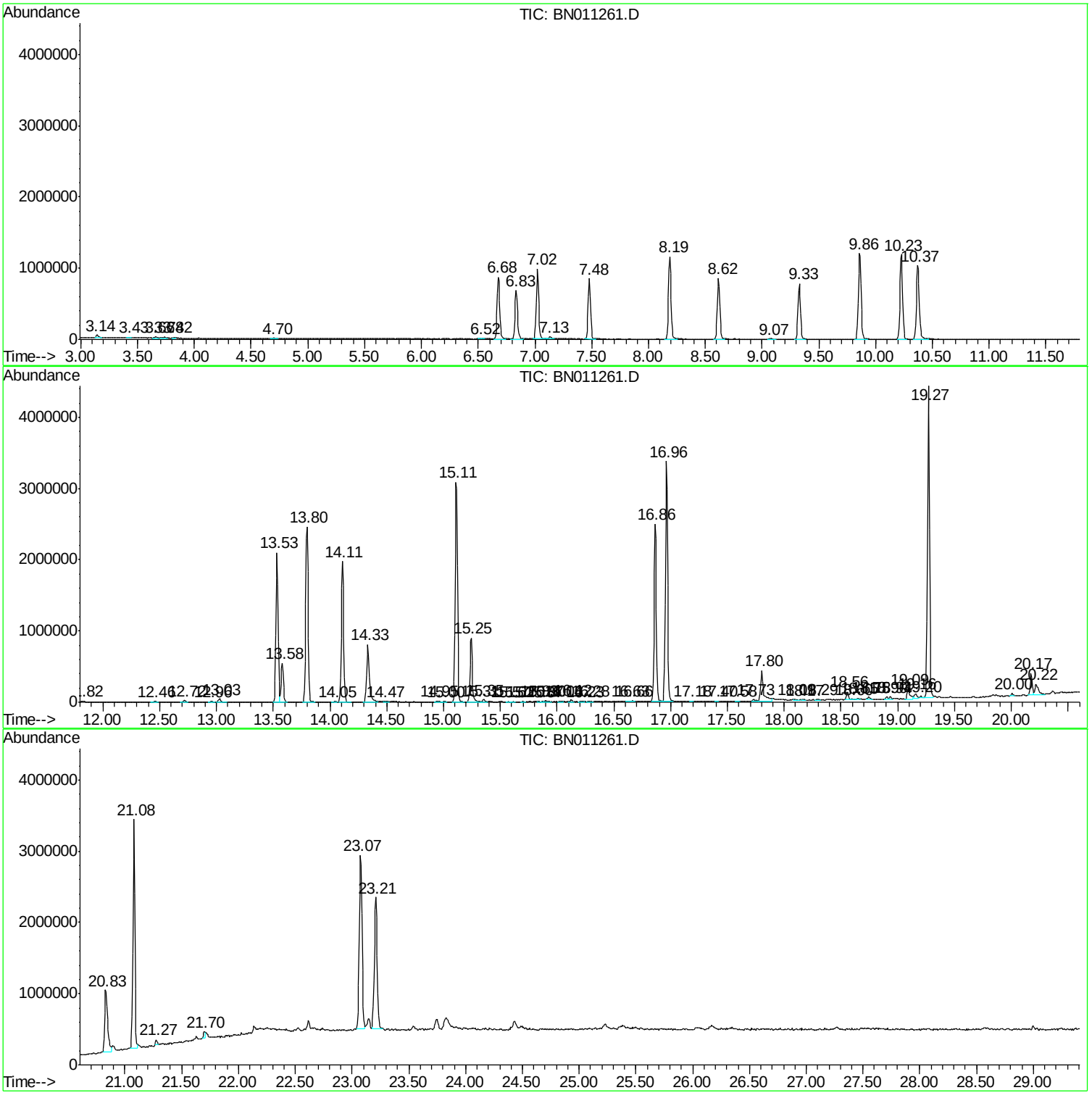
**ClientSampleId :**
C0AE5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072420\
Data File : BN011261.D
Acq On : 25 Jul 2020 04:14
Operator : CG/JU
Sample : L3388-18
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**Instrument :**
BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION

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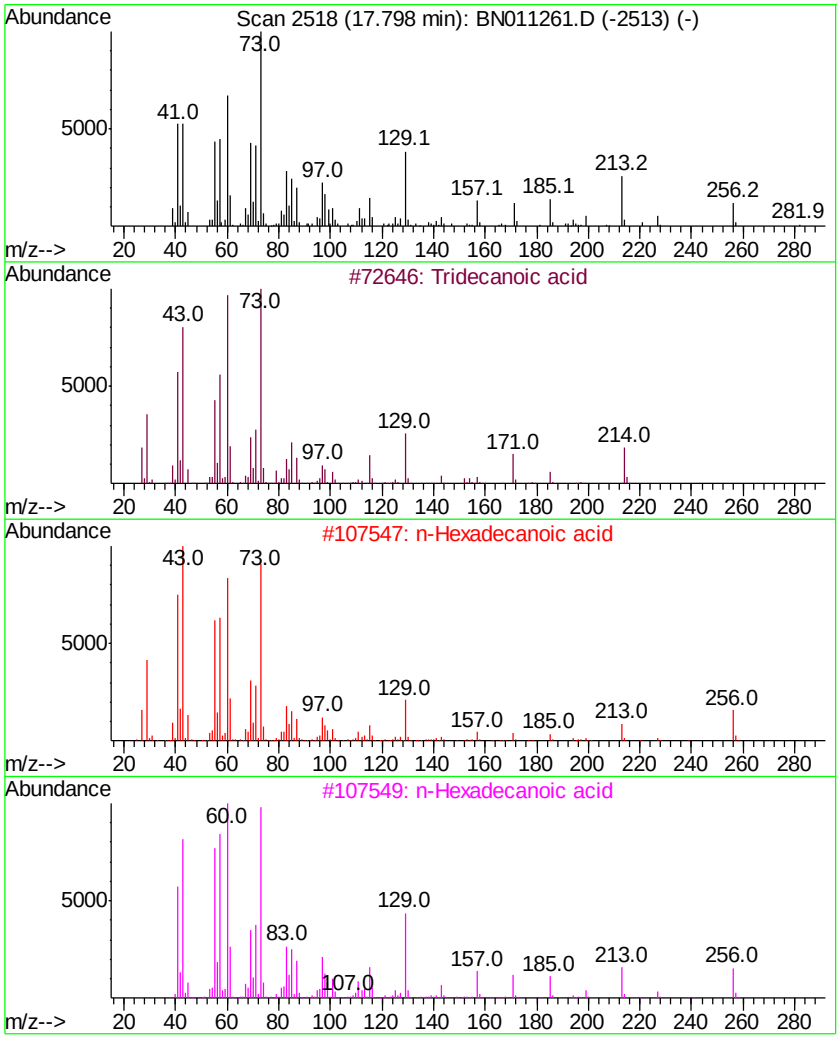
TIC Integration Parameters: LSCINT.P

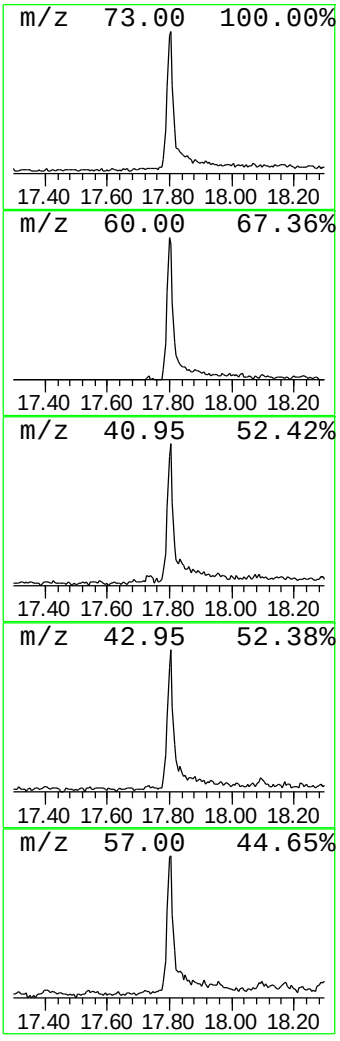
**********

Peak Number 1 Tridecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.80 | 4.53 ng/ul | 770666 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 92 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 70 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 64 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 58 |



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Quant Title : SVOA CALIBRATION

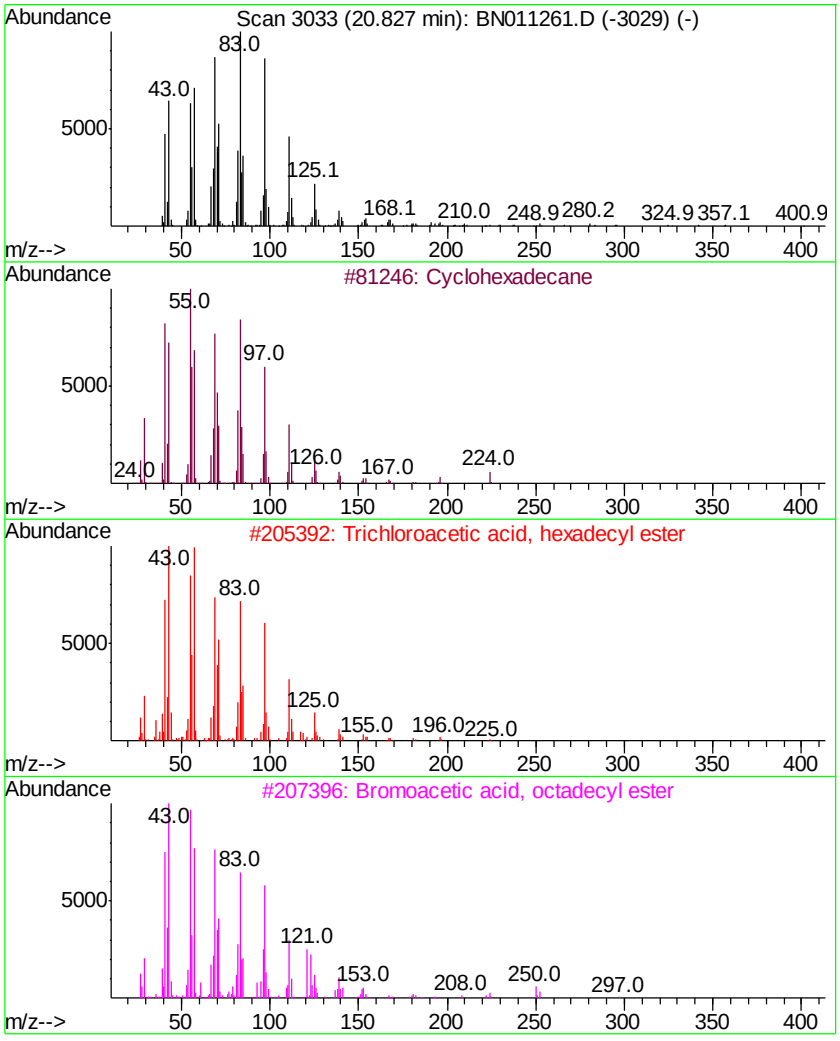
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

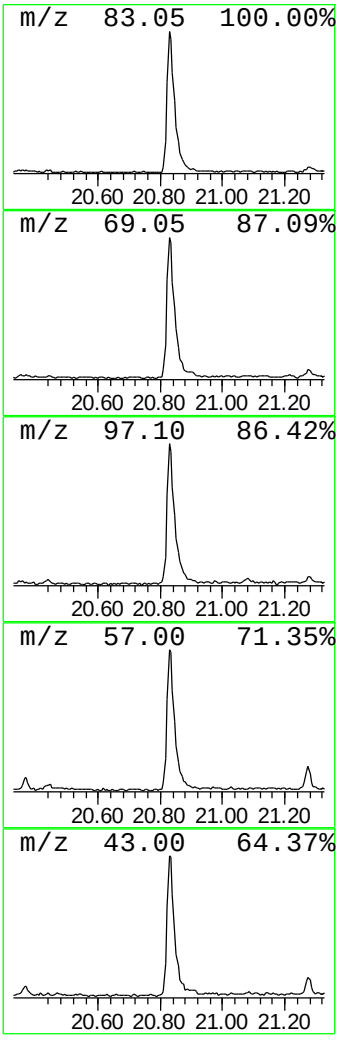
**********

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.83 | 7.91 ng/ul | 1555180 | Chrysene-d12 | 21.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 96 |
| 2 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91 |
| 3 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 91 |
| 4 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 91 |
| 5 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |



Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Tridecanoic acid | 17.80 | 4.5 | ng/ul | 770666 | 4 | 16.86 | 3404500 | 20.0 |
| (DEL) Alkane: Cyc... | 20.83 | 7.9 | ng/ul | 1555180 | 5 | 21.08 | 3932000 | 20.0 |