LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

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\SOM-EPA-BM090420MA.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 | 3.134 | 21 | 25 | 31 | rVB | 32001 | 40745 | 0.82% | 0.090% |
| 2 | 3.404 | 69 | 71 | 72 | rBV2 | 8028 | 5517 | 0.11% | 0.012% |
| 3 | 6.757 | 634 | 641 | 650 | rBV | 539300 | 864584 | 17.32% | 1.907% |
| 4 | 6.916 | 662 | 668 | 678 | rVB | 447894 | 686276 | 13.75% | 1.514% |
| 5 | 7.110 | 694 | 701 | 710 | rBV | 600581 | 929763 | 18.63% | 2.051% |
| 6 | 7.186 | 710 | 714 | 728 | rVV | 84278 | 153900 | 3.08% | 0.339% |
| 7 | 7.569 | 773 | 779 | 789 | rVV | 509127 | 782204 | 15.67% | 1.725% |
| 8 | 7.651 | 789 | 793 | 801 | rVB2 | 24629 | 39483 | 0.79% | 0.087% |
| 9 | 8.281 | 893 | 900 | 916 | rBV | 696728 | 1118647 | 22.42% | 2.468% |
| 10 | 8.716 | 967 | 974 | 982 | rBV | 562495 | 924419 | 18.52% | 2.039% |
| 11 | 8.875 | 995 | 1001 | 1013 | rBV | 43565 | 78726 | 1.58% | 0.174% |
| 12 | 9.433 | 1089 | 1096 | 1108 | rBV | 485969 | 813601 | 16.30% | 1.795% |
| 13 | 9.851 | 1160 | 1167 | 1174 | rVB5 | 4271 | 7967 | 0.16% | 0.018% |
| 14 | 9.969 | 1179 | 1187 | 1197 | rBV | 796114 | 1286991 | 25.79% | 2.839% |
| 15 | 10.339 | 1239 | 1250 | 1263 | rBV | 679959 | 1110284 | 22.25% | 2.449% |
| 16 | 10.475 | 1266 | 1273 | 1290 | rBV | 706023 | 1202060 | 24.09% | 2.652% |
| 17 | 11.933 | 1515 | 1521 | 1531 | rBV3 | 9358 | 19238 | 0.39% | 0.042% |
| 18 | 13.127 | 1719 | 1724 | 1732 | rBV2 | 104149 | 161408 | 3.23% | 0.356% |
| 19 | 13.627 | 1803 | 1809 | 1814 | rBV | 1486361 | 2133180 | 42.74% | 4.706% |
| 20 | 13.674 | 1814 | 1817 | 1826 | rVB | 585497 | 780266 | 15.63% | 1.721% |
| 21 | 13.898 | 1848 | 1855 | 1868 | rBV | 1624774 | 2365143 | 47.39% | 5.217% |
| 22 | 14.210 | 1902 | 1908 | 1917 | rBV | 1172434 | 1735118 | 34.77% | 3.828% |
| 23 | 14.421 | 1938 | 1944 | 1964 | rBV | 507327 | 814272 | 16.32% | 1.796% |
| 24 | 14.657 | 1981 | 1984 | 1993 | rVB6 | 4142 | 7710 | 0.15% | 0.017% |
| 25 | 15.210 | 2071 | 2078 | 2087 | rBV | 2245141 | 3023776 | 60.59% | 6.670% |
| 26 | 15.333 | 2093 | 2099 | 2110 | rBV | 563203 | 764244 | 15.31% | 1.686% |
| 27 | 15.451 | 2115 | 2119 | 2124 | rVB2 | 25853 | 35650 | 0.71% | 0.079% |
| 28 | 15.780 | 2171 | 2175 | 2179 | rBV4 | 4800 | 8039 | 0.16% | 0.018% |
| 29 | 15.998 | 2208 | 2212 | 2219 | rVB7 | 8906 | 15228 | 0.31% | 0.034% |
| 30 | 16.745 | 2337 | 2339 | 2345 | rVB3 | 6986 | 9585 | 0.19% | 0.021% |
| 31 | 16.956 | 2369 | 2375 | 2386 | rBV | 1672458 | 2260181 | 45.29% | 4.986% |
| 32 | 17.056 | 2386 | 2392 | 2401 | rBV | 2537758 | 3436862 | 68.87% | 7.581% |
| 33 | 17.486 | 2463 | 2465 | 2471 | rBV7 | 3440 | 5626 | 0.11% | 0.012% |
| 34 | 17.886 | 2526 | 2533 | 2541 | rBV | 218053 | 342864 | 6.87% | 0.756% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

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\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 17.945 | 2541 | 2543 | 2549 | rVB2 | 16246 | 24421 | 0.49% | 0.054% |
| 36 | 18.750 | 2678 | 2680 | 2686 | rVB7 | 8007 | 12285 | 0.25% | 0.027% |
| 37 | 18.821 | 2689 | 2692 | 2695 | rVV4 | 11917 | 14415 | 0.29% | 0.032% |
| 38 | 18.992 | 2717 | 2721 | 2724 | rBV | 27289 | 44482 | 0.89% | 0.098% |
| 39 | 19.021 | 2724 | 2726 | 2733 | rVB4 | 19422 | 31477 | 0.63% | 0.069% |
| 40 | 19.168 | 2747 | 2751 | 2759 | rBV2 | 70678 | 108368 | 2.17% | 0.239% |
| 41 | 19.245 | 2760 | 2764 | 2771 | rVB | 32790 | 53579 | 1.07% | 0.118% |
| 42 | 19.356 | 2777 | 2783 | 2791 | rBV | 3426253 | 4477005 | 89.71% | 9.876% |
| 43 | 19.439 | 2795 | 2797 | 2803 | rVB7 | 14822 | 19126 | 0.38% | 0.042% |
| 44 | 19.944 | 2880 | 2883 | 2886 | rBV3 | 23816 | 25294 | 0.51% | 0.056% |
| 45 | 20.397 | 2956 | 2960 | 2964 | rBV | 142108 | 159533 | 3.20% | 0.352% |
| 46 | 20.439 | 2965 | 2967 | 2971 | rVB2 | 44889 | 47552 | 0.95% | 0.105% |
| 47 | 20.897 | 3041 | 3045 | 3055 | rBV | 411438 | 565743 | 11.34% | 1.248% |
| 48 | 21.156 | 3084 | 3089 | 3100 | rBV | 2423634 | 3120521 | 62.53% | 6.884% |
| 49 | 21.344 | 3118 | 3121 | 3127 | rVB2 | 92217 | 104040 | 2.08% | 0.230% |
| 50 | 21.768 | 3190 | 3193 | 3200 | rBV4 | 111122 | 172030 | 3.45% | 0.379% |
| 51 | 22.221 | 3267 | 3270 | 3274 | rVB4 | 96964 | 110548 | 2.22% | 0.244% |
| 52 | 23.191 | 3428 | 3435 | 3442 | rBV | 2843568 | 4990540 | 100.00% | 11.009% |
| 53 | 23.327 | 3452 | 3458 | 3472 | rVB | 1820871 | 3287921 | 65.88% | 7.253% |

Sum of corrected areas: 45332437

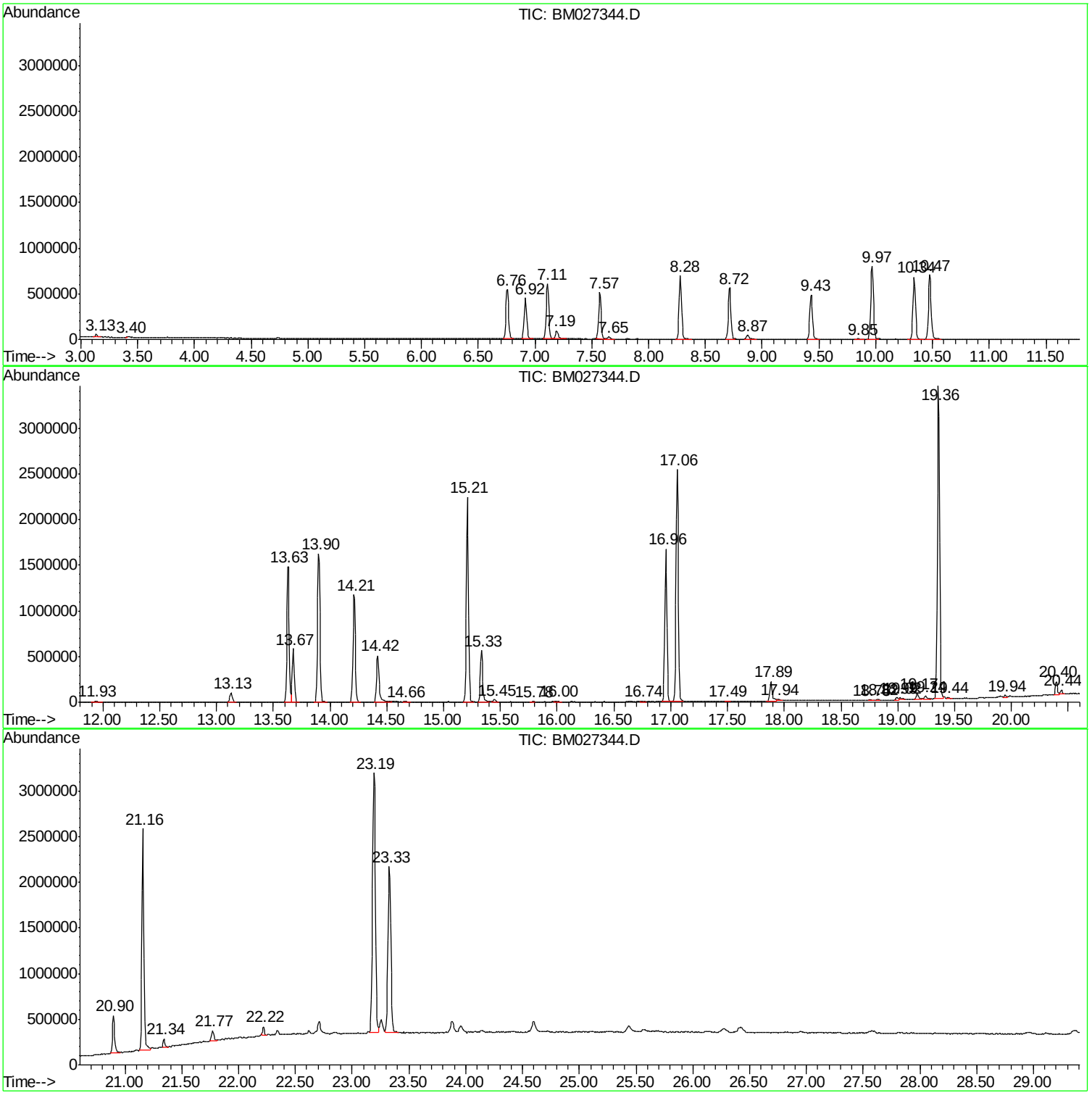
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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 M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

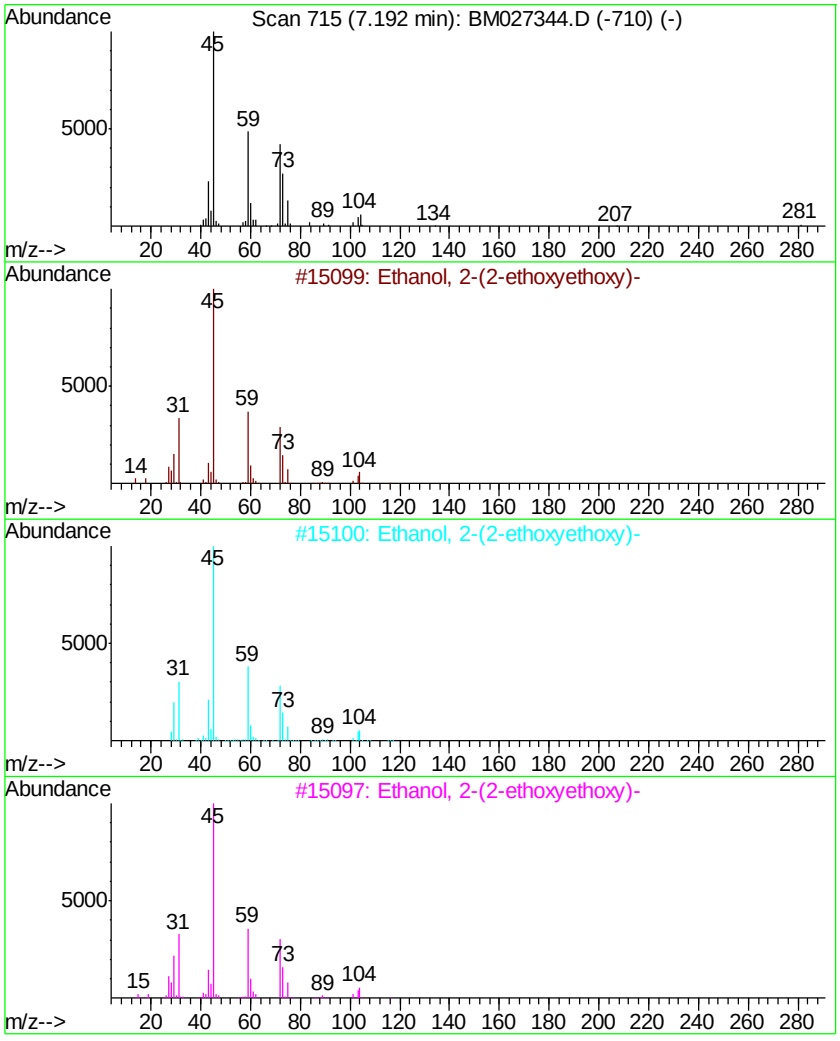
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

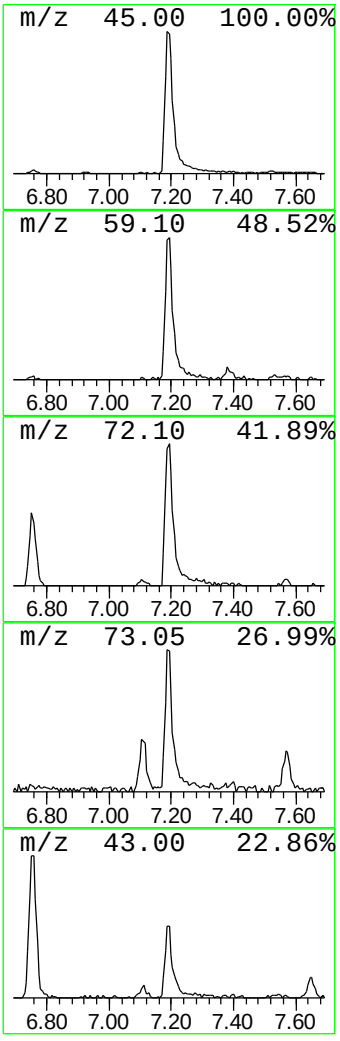
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.19 | 3.94 ng/ul | 153900 | 1,4-Dichlorobenzene-d4 | 7.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 90 |
| 2 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 83 |
| 3 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 78 |
| 4 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 72 |
| 5 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 72 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

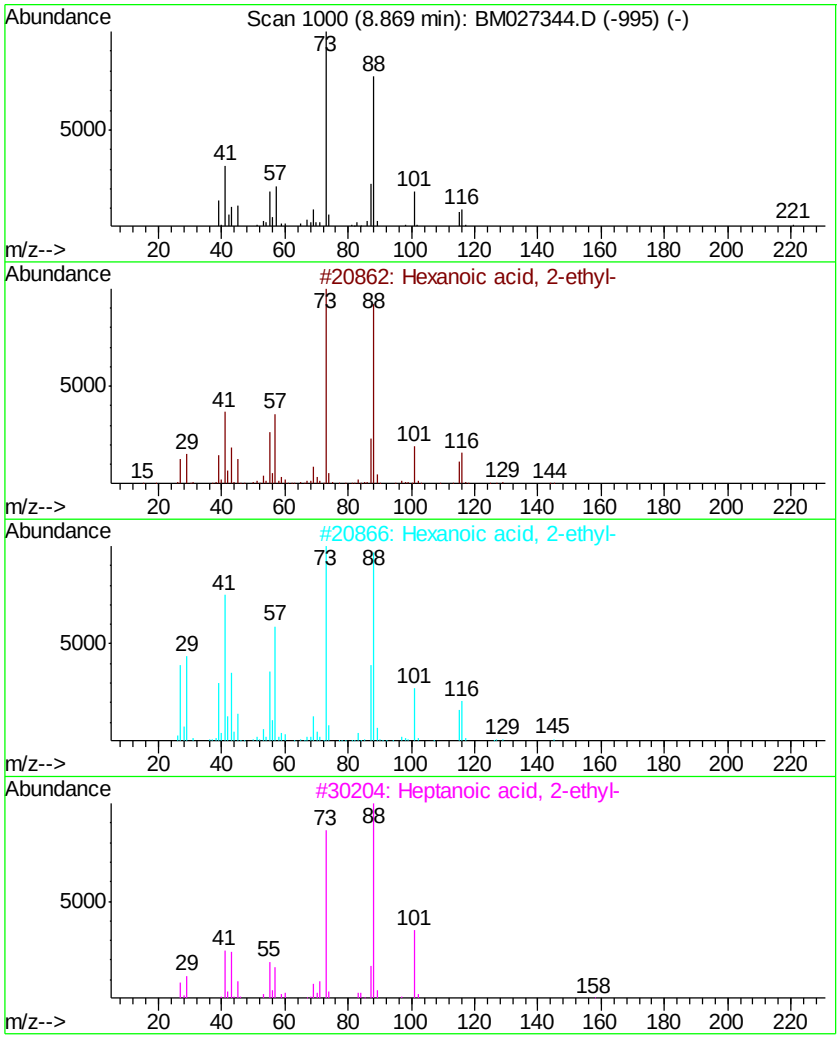
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

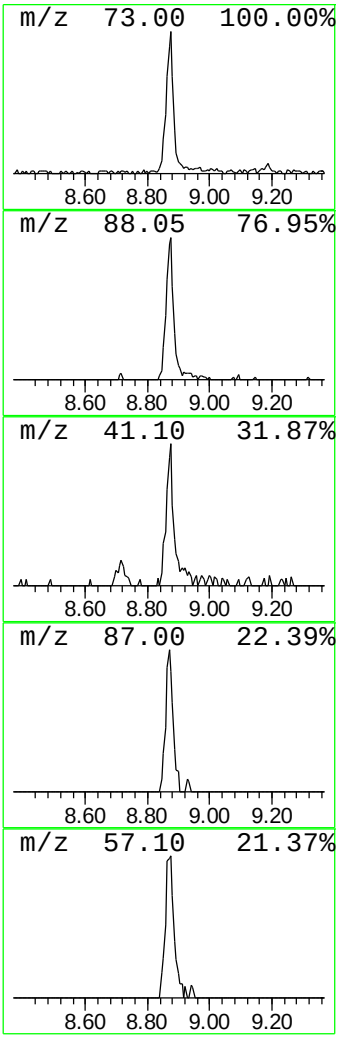
**********

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.87 | 2.01 ng/ul | 78726 | 1,4-Dichlorobenzene-d4 | 7.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 59 |
| 3 | Heptanoic acid, 2-ethyl- | 158 | C9H18O2 | 003274-29-1 | 40 |
| 4 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 40 |
| 5 | Methyl 2,3,4-tri-O-methyl-6-deox... | 220 | C10H20O5 | 072983-16-5 | 38 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

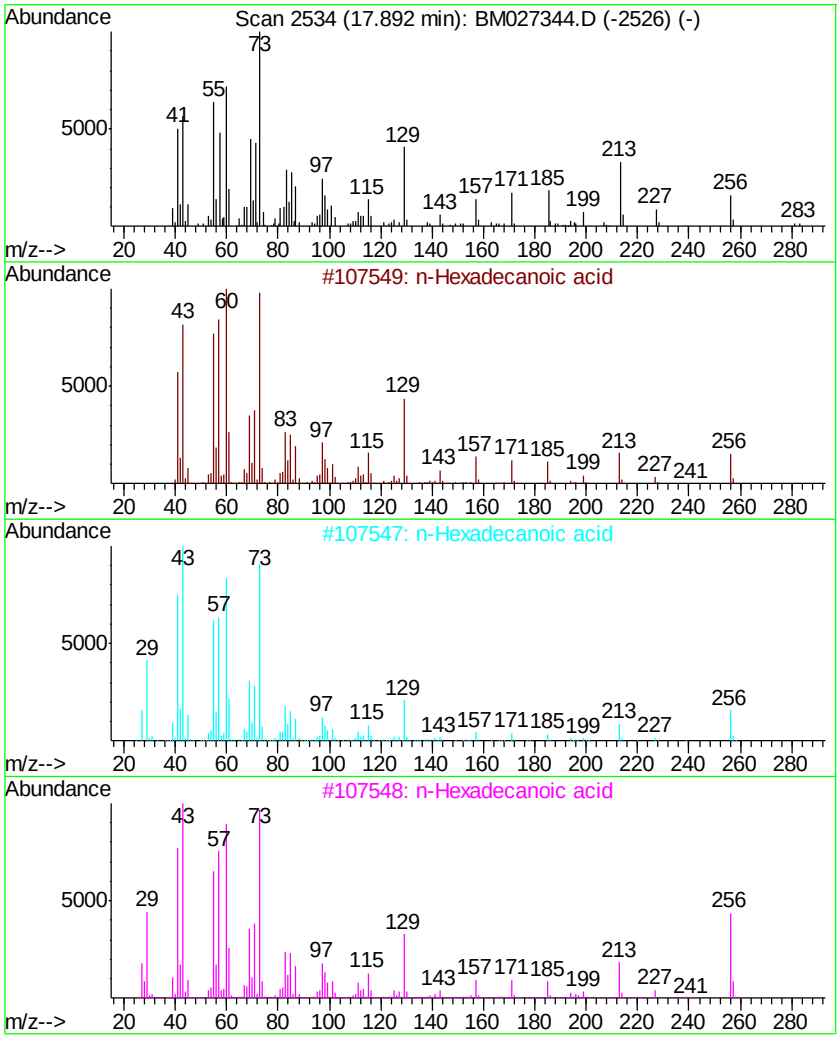
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

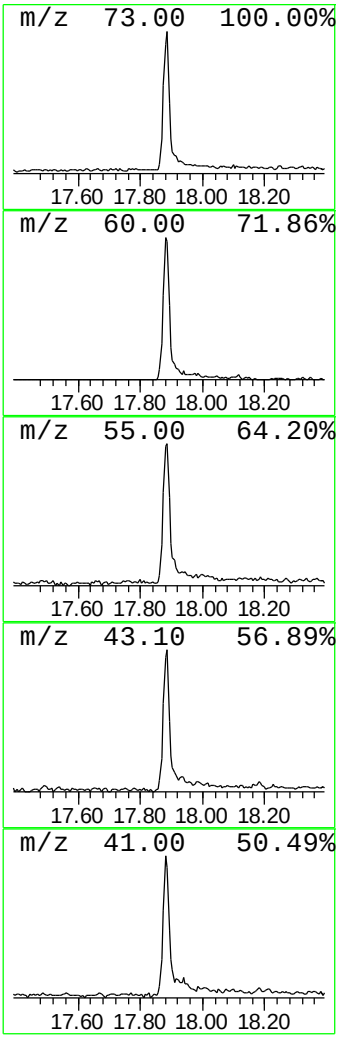
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.89 | 3.03 ng/ul | 342864 | Phenanthrene-d10 | 16.96 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

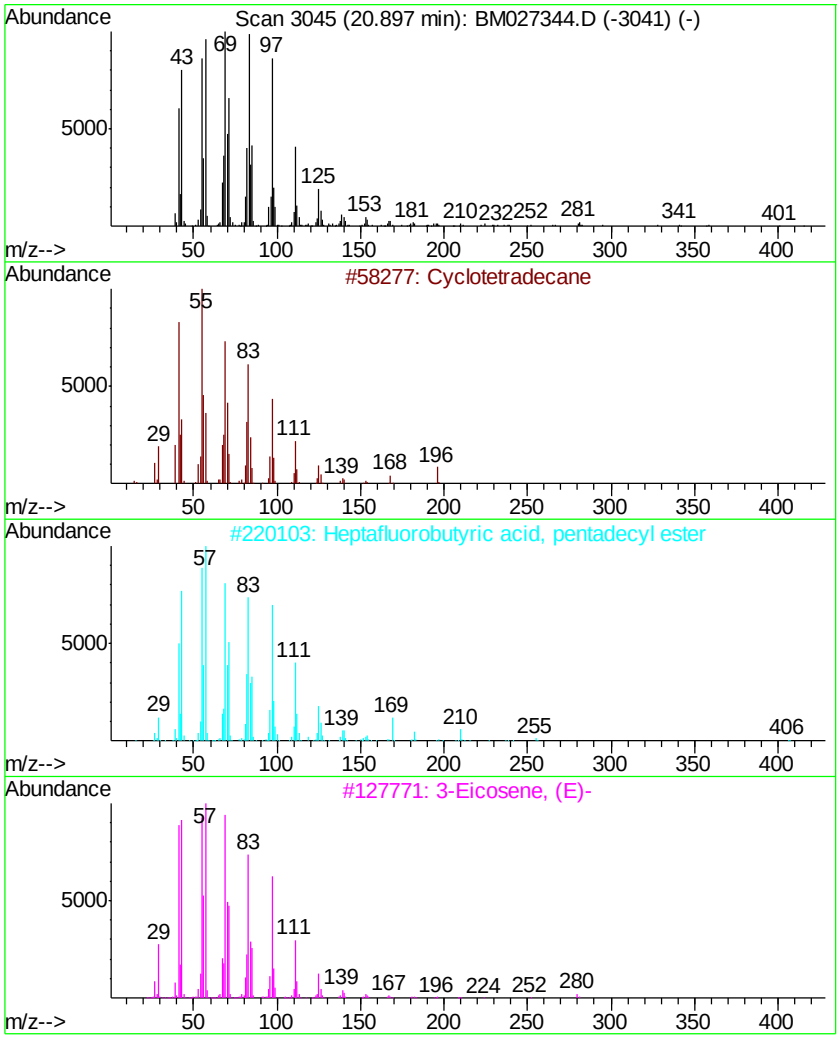
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

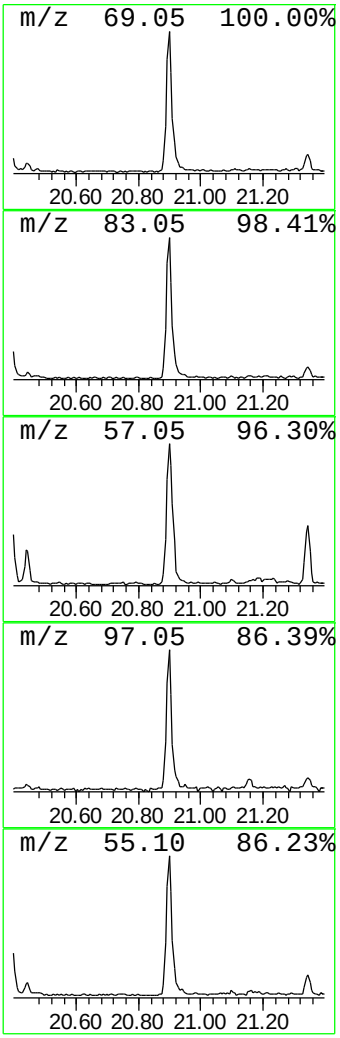
**********

Peak Number 4 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.90 | 3.63 ng/ul | 565743 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 94 |
| 2 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 90 |
| 4 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 87 |
| 5 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090420\
Data File : BM027344.D
Acq On : 04 Sep 2020 23:35
Operator : JU/CG
Sample : L3843-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AC1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Ethanol, 2-(2-eth... | 7.19 | 3.9 | ng/ul | 153900 | 1 | 7.57 | 782204 | 20.0 |
| Hexanoic acid, 2-... | 8.87 | 2.0 | ng/ul | 78726 | 1 | 7.57 | 782204 | 20.0 |
| n-Hexadecanoic acid | 17.89 | 3.0 | ng/ul | 342864 | 4 | 16.96 | 2260180 | 20.0 |
| (DEL) Alkane: Cyc... | 20.90 | 3.6 | ng/ul | 565743 | 5 | 21.16 | 3120520 | 20.0 |