LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

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-BM061419MA.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 | 4.393 | 235 | 239 | 245 | rVB | 305378 | 412985 | 0.58% | 0.085% |
| 2 | 5.240 | 379 | 383 | 395 | rVB | 753621 | 1035019 | 1.45% | 0.212% |
| 3 | 5.916 | 480 | 498 | 502 | rBV | 19378168 | 71457767 | 100.00% | 14.654% |
| 4 | 6.922 | 664 | 669 | 679 | rVB | 294283 | 499324 | 0.70% | 0.102% |
| 5 | 7.093 | 692 | 698 | 710 | rVB | 801951 | 1223655 | 1.71% | 0.251% |
| 6 | 7.281 | 724 | 730 | 738 | rVB | 942134 | 1499763 | 2.10% | 0.308% |
| 7 | 7.745 | 803 | 809 | 815 | rBV | 796493 | 1299834 | 1.82% | 0.267% |
| 8 | 8.457 | 923 | 930 | 941 | rVB | 679143 | 1137931 | 1.59% | 0.233% |
| 9 | 8.745 | 966 | 979 | 991 | rBV | 697370 | 1696167 | 2.37% | 0.348% |
| 10 | 8.910 | 1000 | 1007 | 1023 | rVV | 1003319 | 1701719 | 2.38% | 0.349% |
| 11 | 9.628 | 1122 | 1129 | 1140 | rBV | 850958 | 1483499 | 2.08% | 0.304% |
| 12 | 10.057 | 1192 | 1202 | 1213 | rBV | 322871 | 655556 | 0.92% | 0.134% |
| 13 | 10.157 | 1213 | 1219 | 1238 | rVB | 1309632 | 2246712 | 3.14% | 0.461% |
| 14 | 10.316 | 1240 | 1246 | 1257 | rBV | 585523 | 1022162 | 1.43% | 0.210% |
| 15 | 10.534 | 1276 | 1283 | 1289 | rVB | 1056264 | 1751061 | 2.45% | 0.359% |
| 16 | 10.898 | 1338 | 1345 | 1353 | rBV2 | 172744 | 390910 | 0.55% | 0.080% |
| 17 | 10.975 | 1353 | 1358 | 1372 | rVV3 | 289823 | 669230 | 0.94% | 0.137% |
| 18 | 11.345 | 1413 | 1421 | 1430 | rBV | 228215 | 410442 | 0.57% | 0.084% |
| 19 | 11.563 | 1448 | 1458 | 1468 | rBV | 567959 | 1182335 | 1.65% | 0.242% |
| 20 | 11.845 | 1499 | 1506 | 1513 | rVV | 1151829 | 1754745 | 2.46% | 0.360% |
| 21 | 12.033 | 1528 | 1538 | 1543 | rBV2 | 162770 | 357169 | 0.50% | 0.073% |
| 22 | 12.110 | 1543 | 1551 | 1557 | rVV5 | 128134 | 356008 | 0.50% | 0.073% |
| 23 | 12.322 | 1581 | 1587 | 1594 | rBV2 | 191305 | 427497 | 0.60% | 0.088% |
| 24 | 12.392 | 1594 | 1599 | 1615 | rVB | 436730 | 816772 | 1.14% | 0.167% |
| 25 | 12.610 | 1627 | 1636 | 1641 | rBV | 166486 | 329708 | 0.46% | 0.068% |
| 26 | 12.680 | 1641 | 1648 | 1653 | rVV | 524108 | 866568 | 1.21% | 0.178% |
| 27 | 12.733 | 1653 | 1657 | 1666 | rVB3 | 118876 | 293607 | 0.41% | 0.060% |
| 28 | 12.898 | 1680 | 1685 | 1696 | rVV | 442392 | 752829 | 1.05% | 0.154% |
| 29 | 13.351 | 1756 | 1762 | 1772 | rVB | 1487515 | 2355021 | 3.30% | 0.483% |
| 30 | 13.804 | 1829 | 1839 | 1845 | rVV | 2391192 | 4753843 | 6.65% | 0.975% |
| 31 | 13.851 | 1845 | 1847 | 1852 | rVV | 434378 | 523700 | 0.73% | 0.107% |
| 32 | 14.080 | 1880 | 1886 | 1893 | rVB | 2482442 | 3743646 | 5.24% | 0.768% |
| 33 | 14.386 | 1932 | 1938 | 1943 | rVV2 | 1574440 | 2493658 | 3.49% | 0.511% |
| 34 | 14.439 | 1943 | 1947 | 1961 | rVB | 3020181 | 4325788 | 6.05% | 0.887% |

LSC Area Percent Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

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-BM061419MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.616 | 1972 | 1977 | 1991 | rVB4 | 213408 | 495340 | 0.69% | 0.102% |
| 36 | 14.804 | 2000 | 2009 | 2018 | rVV2 | 389736 | 769977 | 1.08% | 0.158% |
| 37 | 15.386 | 2102 | 2108 | 2116 | rBV2 | 3678962 | 7752711 | 10.85% | 1.590% |
| 38 | 15.451 | 2116 | 2119 | 2125 | rVB | 373065 | 514011 | 0.72% | 0.105% |
| 39 | 15.516 | 2125 | 2130 | 2136 | rBV | 537028 | 747436 | 1.05% | 0.153% |
| 40 | 15.927 | 2196 | 2200 | 2208 | rVB | 360387 | 514001 | 0.72% | 0.105% |
| 41 | 16.033 | 2211 | 2218 | 2226 | rBV | 3484347 | 4642843 | 6.50% | 0.952% |
| 42 | 16.121 | 2228 | 2233 | 2239 | rVB | 334054 | 509221 | 0.71% | 0.104% |
| 43 | 16.298 | 2258 | 2263 | 2275 | rVB | 775013 | 1180769 | 1.65% | 0.242% |
| 44 | 16.639 | 2315 | 2321 | 2328 | rBV3 | 266339 | 493414 | 0.69% | 0.101% |
| 45 | 16.704 | 2328 | 2332 | 2336 | rVV | 201940 | 304465 | 0.43% | 0.062% |
| 46 | 16.851 | 2351 | 2357 | 2363 | rVV | 6680030 | 9097645 | 12.73% | 1.866% |
| 47 | 16.904 | 2363 | 2366 | 2372 | rVV | 315552 | 549555 | 0.77% | 0.113% |
| 48 | 17.086 | 2392 | 2397 | 2401 | rBV | 632540 | 822259 | 1.15% | 0.169% |
| 49 | 17.139 | 2401 | 2406 | 2412 | rVB2 | 1726973 | 2356471 | 3.30% | 0.483% |
| 50 | 17.239 | 2417 | 2423 | 2433 | rVB | 3097214 | 4313421 | 6.04% | 0.885% |
| 51 | 17.610 | 2480 | 2486 | 2502 | rBV | 5469949 | 8095525 | 11.33% | 1.660% |
| 52 | 17.980 | 2546 | 2549 | 2554 | rVV | 256774 | 344212 | 0.48% | 0.071% |
| 53 | 18.039 | 2554 | 2559 | 2567 | rVV | 1392366 | 2042210 | 2.86% | 0.419% |
| 54 | 18.115 | 2567 | 2572 | 2577 | rVV | 5240301 | 6926761 | 9.69% | 1.420% |
| 55 | 18.157 | 2577 | 2579 | 2596 | rVB | 474940 | 711254 | 1.00% | 0.146% |
| 56 | 18.315 | 2601 | 2606 | 2612 | rBV | 997219 | 1425395 | 1.99% | 0.292% |
| 57 | 18.374 | 2612 | 2616 | 2623 | rVV | 257429 | 370688 | 0.52% | 0.076% |
| 58 | 18.527 | 2638 | 2642 | 2644 | rBV2 | 244786 | 335211 | 0.47% | 0.069% |
| 59 | 18.557 | 2644 | 2647 | 2652 | rVV | 295706 | 446173 | 0.62% | 0.091% |
| 60 | 18.621 | 2654 | 2658 | 2666 | rVB | 277463 | 434749 | 0.61% | 0.089% |
| 61 | 18.786 | 2680 | 2686 | 2701 | rBV | 10557935 | 13978063 | 19.56% | 2.866% |
| 62 | 18.951 | 2710 | 2714 | 2724 | rBV | 895512 | 1173713 | 1.64% | 0.241% |
| 63 | 19.104 | 2734 | 2740 | 2743 | rBV2 | 456178 | 844526 | 1.18% | 0.173% |
| 64 | 19.233 | 2748 | 2762 | 2775 | rVV2 | 18104226 | 55625831 | 77.84% | 11.407% |
| 65 | 19.327 | 2775 | 2778 | 2785 | rVV | 1893436 | 3116289 | 4.36% | 0.639% |
| 66 | 19.398 | 2785 | 2790 | 2797 | rVV | 9183919 | 11644776 | 16.30% | 2.388% |
| 67 | 19.468 | 2798 | 2802 | 2809 | rVV2 | 559590 | 1459268 | 2.04% | 0.299% |
| 68 | 19.539 | 2809 | 2814 | 2820 | rVB | 3535987 | 4921918 | 6.89% | 1.009% |
| 69 | 19.686 | 2832 | 2839 | 2846 | rVB2 | 937204 | 1749847 | 2.45% | 0.359% |
| 70 | 19.798 | 2853 | 2858 | 2867 | rBV | 6991880 | 8713706 | 12.19% | 1.787% |
| 71 | 19.933 | 2877 | 2881 | 2887 | rBV2 | 1195931 | 1552220 | 2.17% | 0.318% |

LSC Area Percent Report

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Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

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-BM061419MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 20.109 | 2907 | 2911 | 2915 | rBV3 | 374154 | 515260 | 0.72% | 0.106% |
| 73 | 20.162 | 2916 | 2920 | 2923 | rVV2 | 243009 | 330101 | 0.46% | 0.068% |
| 74 | 20.198 | 2923 | 2926 | 2938 | rVV | 627090 | 1157724 | 1.62% | 0.237% |
| 75 | 20.321 | 2942 | 2947 | 2954 | rVV | 13368387 | 16498067 | 23.09% | 3.383% |
| 76 | 20.392 | 2955 | 2959 | 2963 | rVV2 | 391024 | 852239 | 1.19% | 0.175% |
| 77 | 20.439 | 2963 | 2967 | 2974 | rVV2 | 1124492 | 1559475 | 2.18% | 0.320% |
| 78 | 20.503 | 2975 | 2978 | 2986 | rVB3 | 299734 | 487383 | 0.68% | 0.100% |
| 79 | 20.809 | 3025 | 3030 | 3046 | rBV | 11458981 | 13969278 | 19.55% | 2.865% |
| 80 | 21.139 | 3081 | 3086 | 3098 | rBV | 8365403 | 10157384 | 14.21% | 2.083% |
| 81 | 21.245 | 3099 | 3104 | 3109 | rVV2 | 1222649 | 1560628 | 2.18% | 0.320% |
| 82 | 21.327 | 3113 | 3118 | 3123 | rVV | 2121381 | 2731371 | 3.82% | 0.560% |
| 83 | 21.421 | 3131 | 3134 | 3138 | rVB | 269228 | 322471 | 0.45% | 0.066% |
| 84 | 21.580 | 3154 | 3161 | 3172 | rBV | 13737007 | 19403739 | 27.15% | 3.979% |
| 85 | 21.674 | 3173 | 3177 | 3185 | rVB | 916636 | 1372237 | 1.92% | 0.281% |
| 86 | 21.903 | 3213 | 3216 | 3225 | rVB5 | 222282 | 429805 | 0.60% | 0.088% |
| 87 | 22.027 | 3232 | 3237 | 3251 | rBV | 10612054 | 15534355 | 21.74% | 3.186% |
| 88 | 22.368 | 3290 | 3295 | 3307 | rBV | 6856412 | 10929283 | 15.29% | 2.241% |
| 89 | 22.480 | 3310 | 3314 | 3323 | rVB | 796998 | 1419893 | 1.99% | 0.291% |
| 90 | 22.886 | 3377 | 3383 | 3397 | rVV | 11279605 | 18739372 | 26.22% | 3.843% |
| 91 | 22.997 | 3398 | 3402 | 3413 | rVB | 625647 | 1233412 | 1.73% | 0.253% |
| 92 | 23.456 | 3472 | 3480 | 3497 | rBV2 | 10054152 | 20940552 | 29.30% | 4.294% |
| 93 | 23.597 | 3498 | 3504 | 3510 | rVB | 1470708 | 2818384 | 3.94% | 0.578% |
| 94 | 23.915 | 3551 | 3558 | 3574 | rBV | 4221693 | 9224835 | 12.91% | 1.892% |
| 95 | 24.062 | 3579 | 3583 | 3600 | rVB3 | 494178 | 1506951 | 2.11% | 0.309% |
| 96 | 24.639 | 3673 | 3681 | 3700 | rBV | 6777219 | 16753041 | 23.44% | 3.435% |
| 97 | 25.480 | 3814 | 3824 | 3851 | rVB | 4259114 | 12604087 | 17.64% | 2.585% |
| 98 | 26.156 | 3930 | 3939 | 3959 | rVB | 2044568 | 6743062 | 9.44% | 1.383% |
| 99 | 27.262 | 4115 | 4127 | 4152 | rVB | 3298496 | 12624923 | 17.67% | 2.589% |
| 100 | 28.550 | 4337 | 4346 | 4373 | rVB2 | 1892658 | 8327094 | 11.65% | 1.708% |

Sum of corrected areas: 487648910

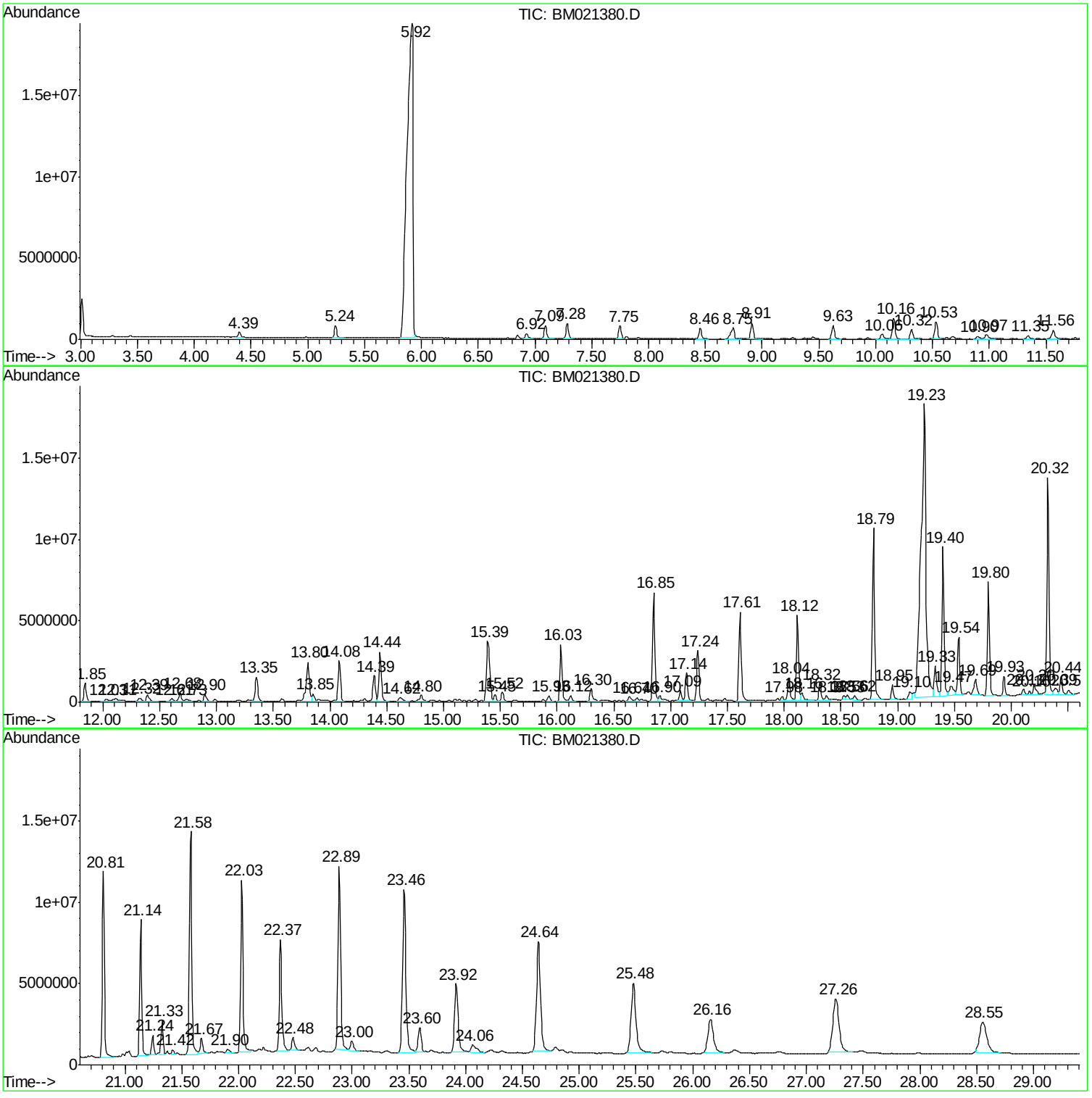
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

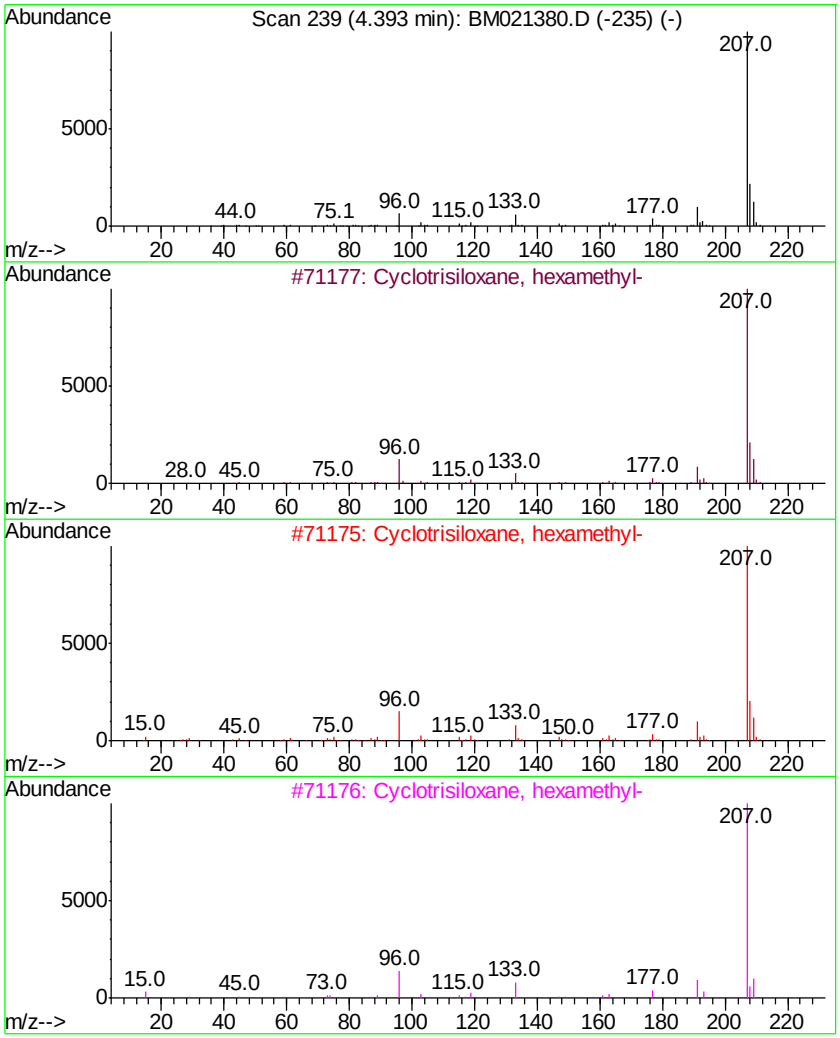
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

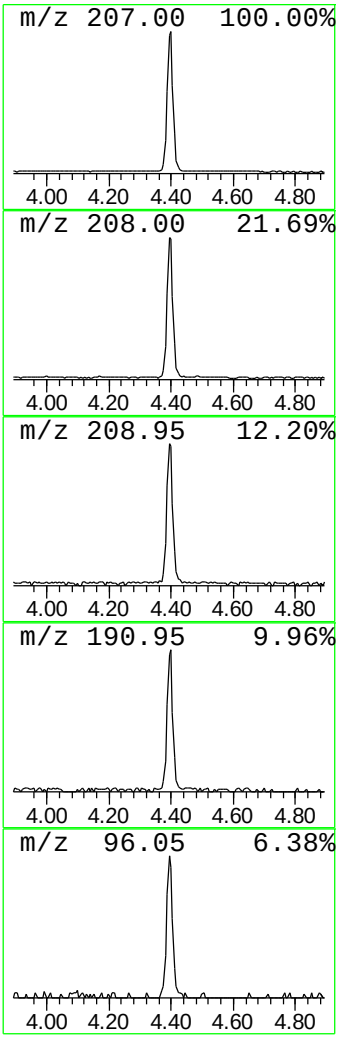
**********

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.39 | 6.35 ng/ul | 412985 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 91 |
| 2 | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 80 |
| 3 | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 43 |
| 4 | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N | 003558-24-5 | 39 |
| 5 | Benzo[h]quinoline, 2,4-dimethyl- | 207 | C15H13N | 000605-67-4 | 39 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
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Operator : HP/JU
Sample : K3596-10
Misc :
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**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

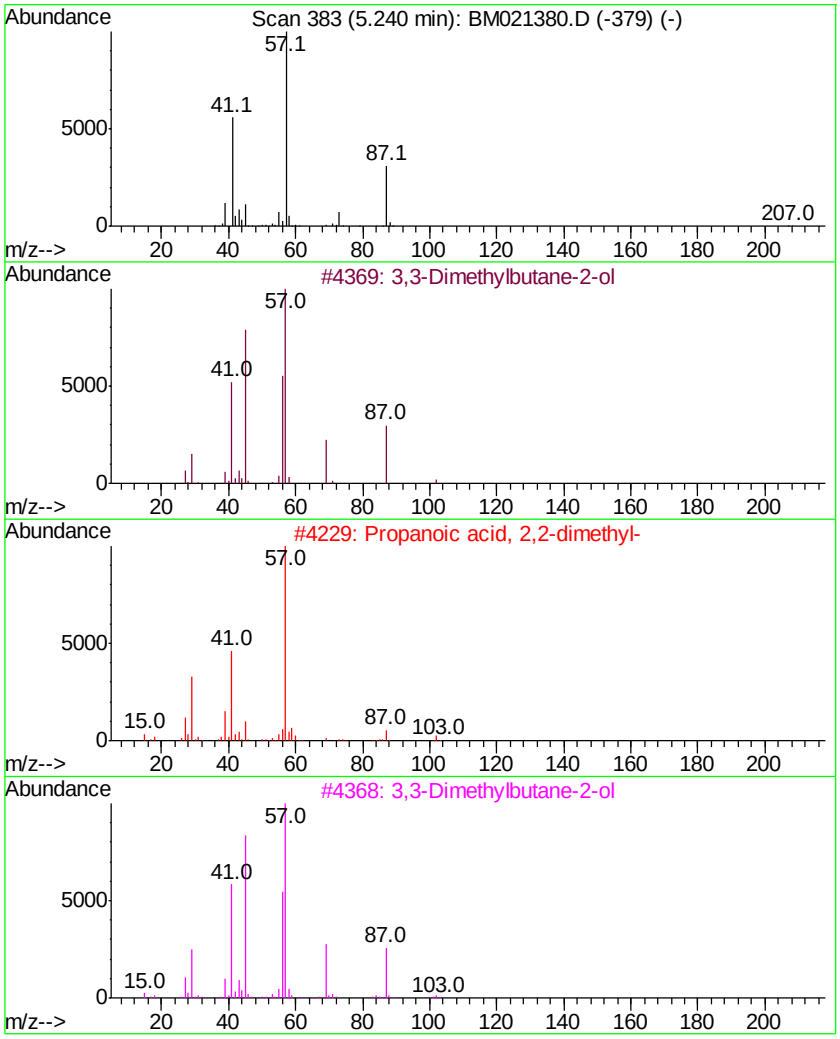
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

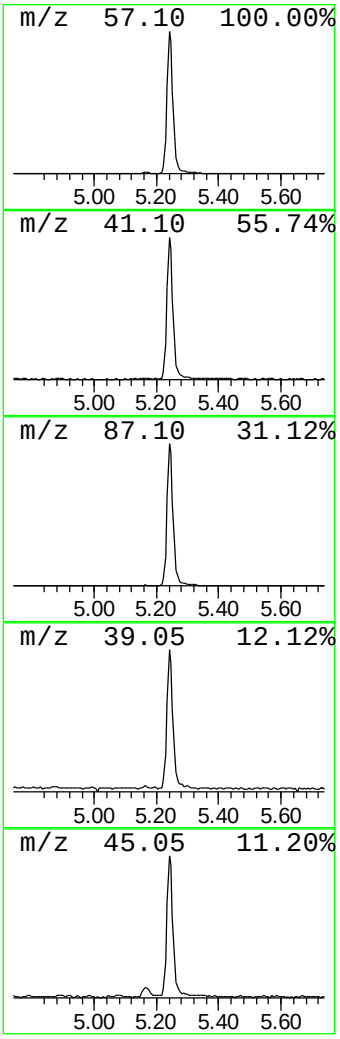
**********

Peak Number 2 unknown-01 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.24 | 15.93 ng/ul | 1035020 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 45 |
| 2 | Propanoic acid, 2,2-dimethyl- | 102 | C5H10O2 | 000075-98-9 | 36 |
| 3 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 36 |
| 4 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 33 |
| 5 | 1-Propanol, 2,2-dimethyl- | 88 | C5H12O | 000075-84-3 | 25 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
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Operator : HP/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

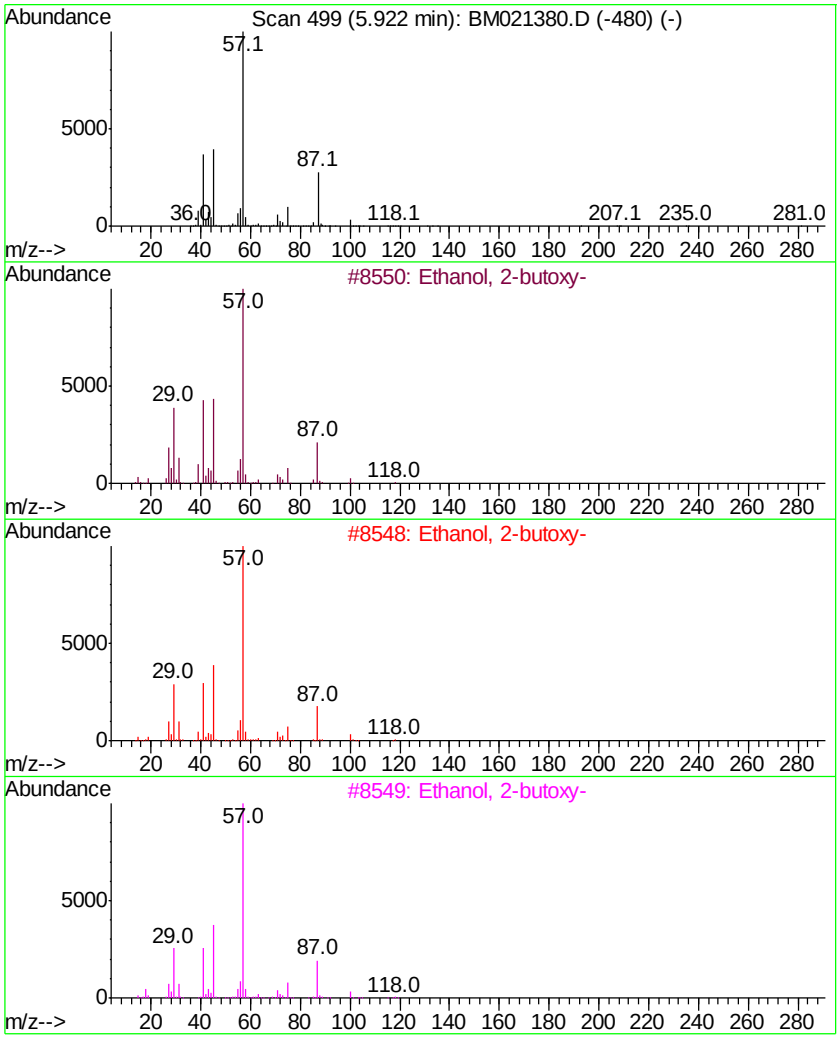
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

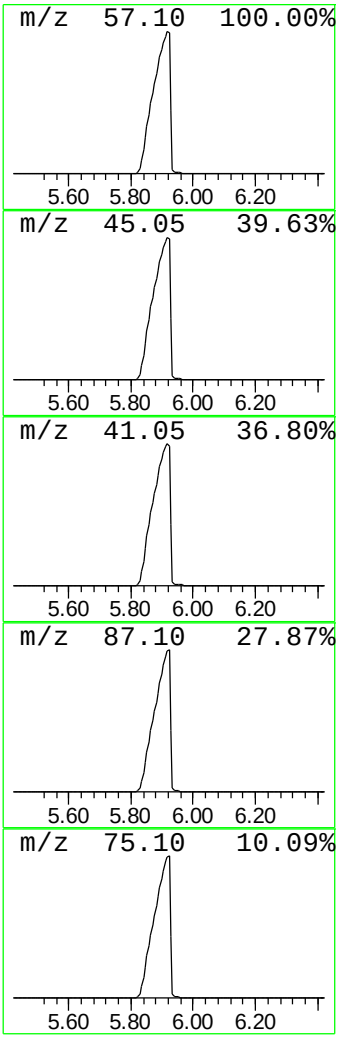
**********

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.92 | 1099.49 ng/ul | 71457800 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 90 |
| 2 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 83 |
| 3 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 83 |
| 4 | Propane, 1-methoxy-2,2-dimethyl- | 102 | C6H14O | 001118-00-9 | 42 |
| 5 | 3,3-Dimethylbutane-2-ol | 102 | C6H14O | 000464-07-3 | 40 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
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**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

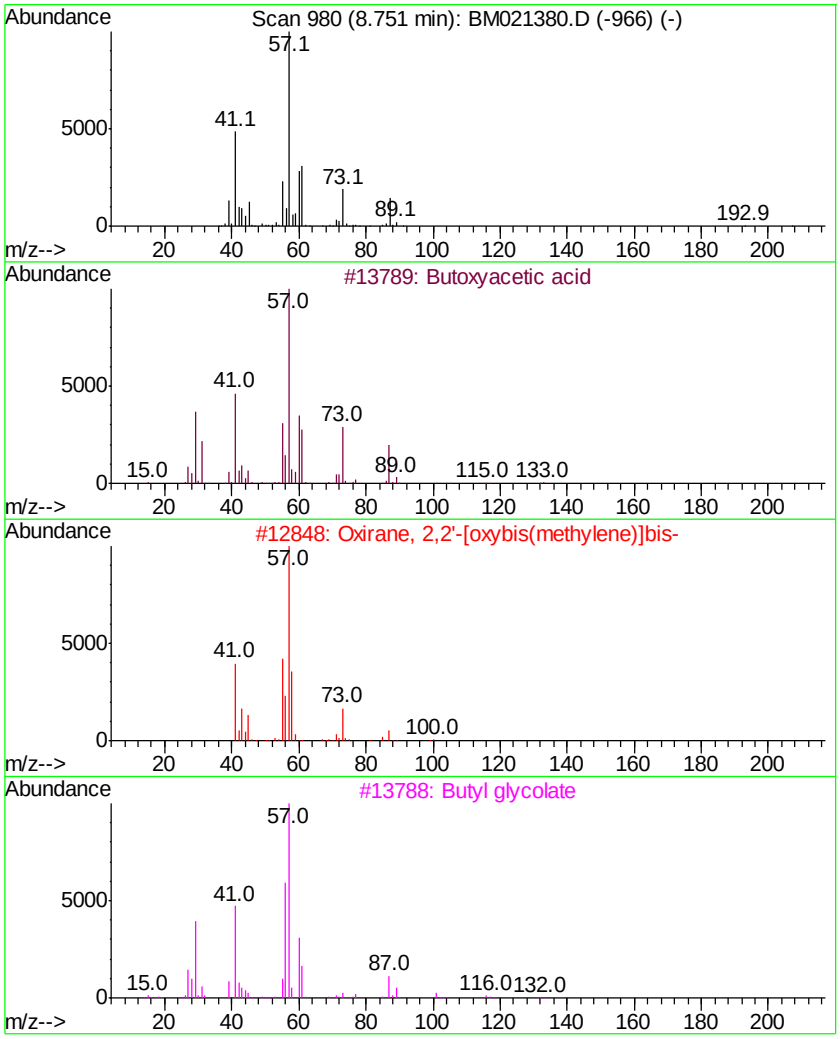
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

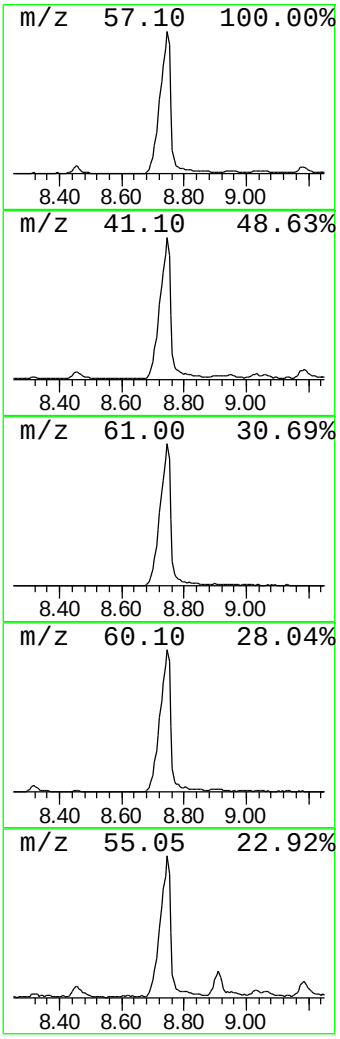
**********

Peak Number 4 Butoxyacetic acid Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.75 | 26.10 ng/ul | 1696170 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butoxyacetic acid | 132 | C6H12O3 | 002516-93-0 | 50 |
| 2 | Oxirane, 2,2'-[oxybis(methylene)... | 130 | C6H10O3 | 002238-07-5 | 38 |
| 3 | Butyl glycolate | 132 | C6H12O3 | 007397-62-8 | 28 |
| 4 | 1-Propanol, 2,2-dimethyl- | 88 | C5H12O | 000075-84-3 | 27 |
| 5 | 1-Propanol, 2,2-dimethyl- | 88 | C5H12O | 000075-84-3 | 27 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
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Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

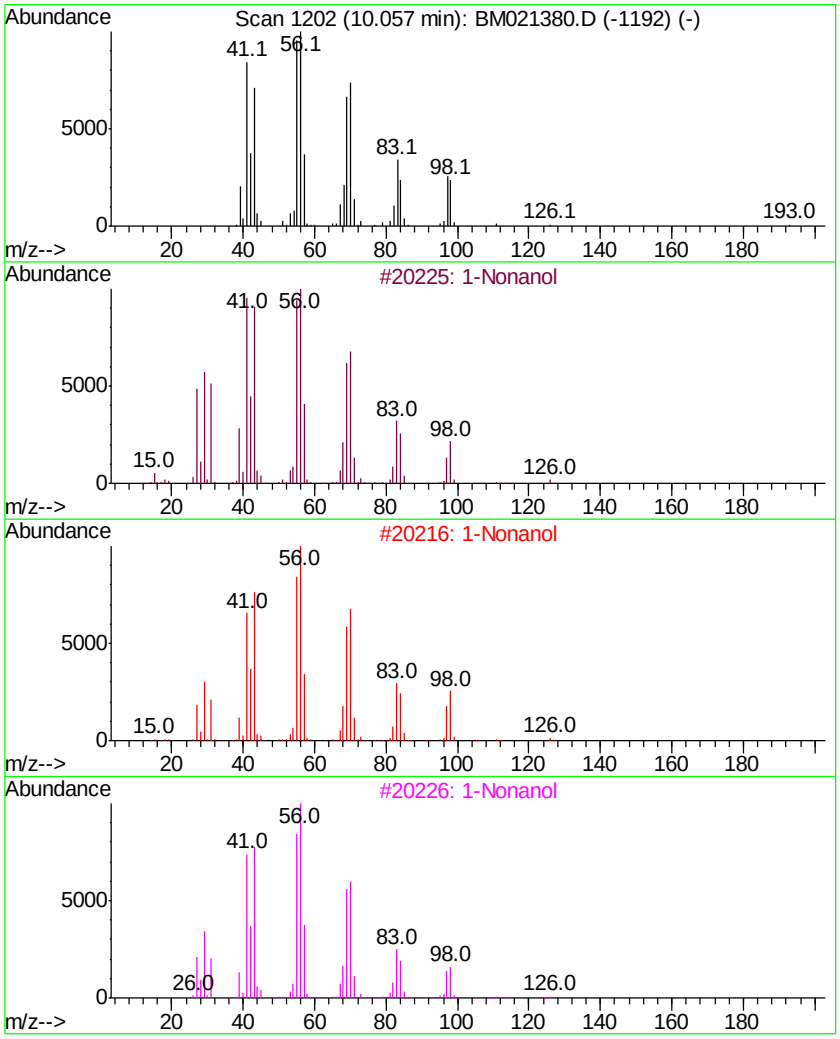
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

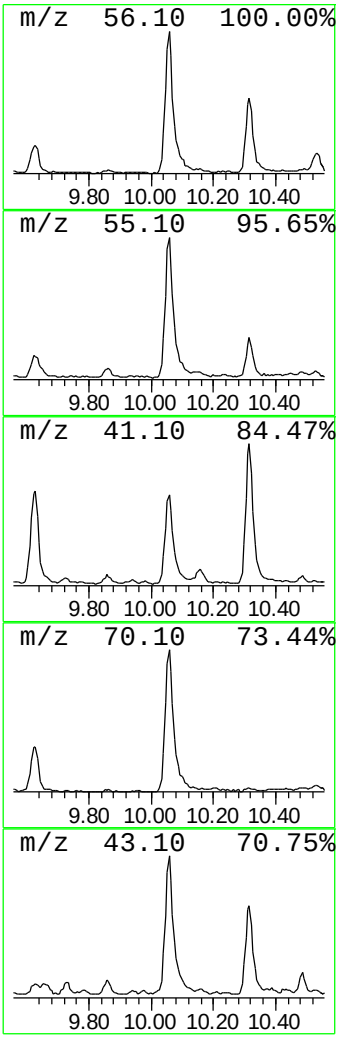
**********

Peak Number 5 1-Nonanol Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.06 | 7.49 ng/ul | 655556 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonanol | 144 | C9H20O | 000143-08-8 | 91 |
| 2 | 1-Nonanol | 144 | C9H20O | 000143-08-8 | 90 |
| 3 | 1-Nonanol | 144 | C9H20O | 000143-08-8 | 86 |
| 4 | 1-Octanol | 130 | C8H18O | 000111-87-5 | 80 |
| 5 | Cyclopropane, 1-methyl-2-octyl- | 168 | C12H24 | 037617-26-8 | 80 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

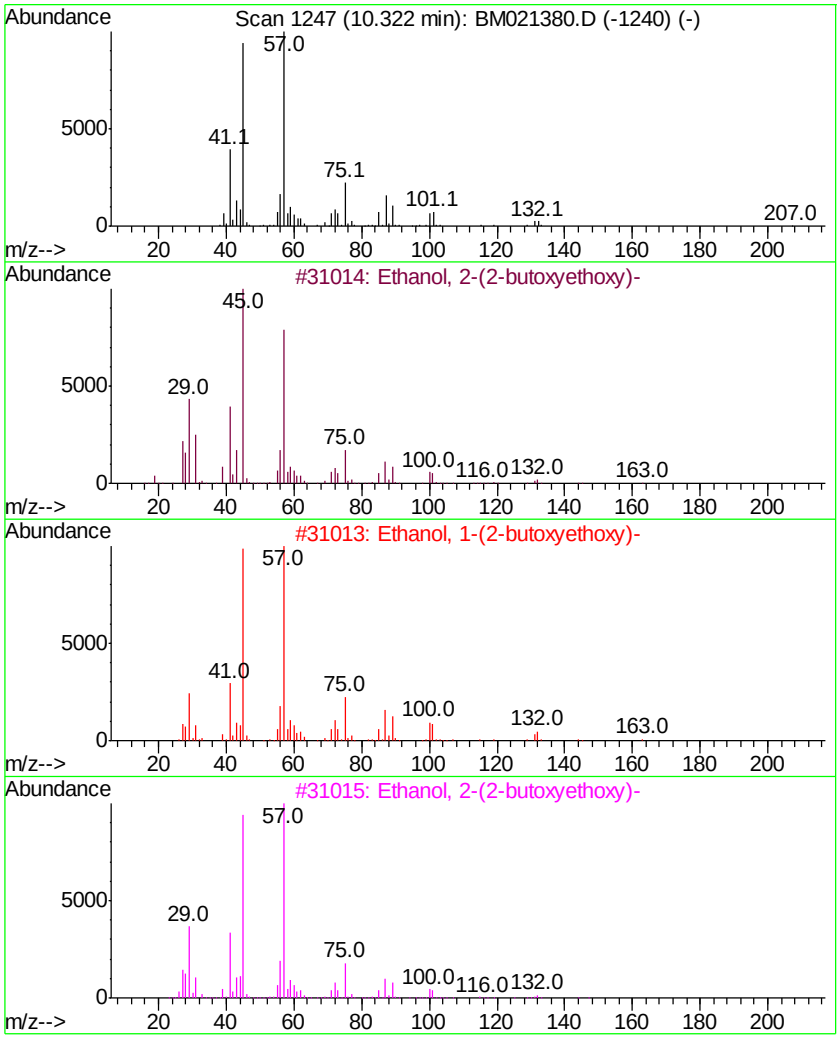
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

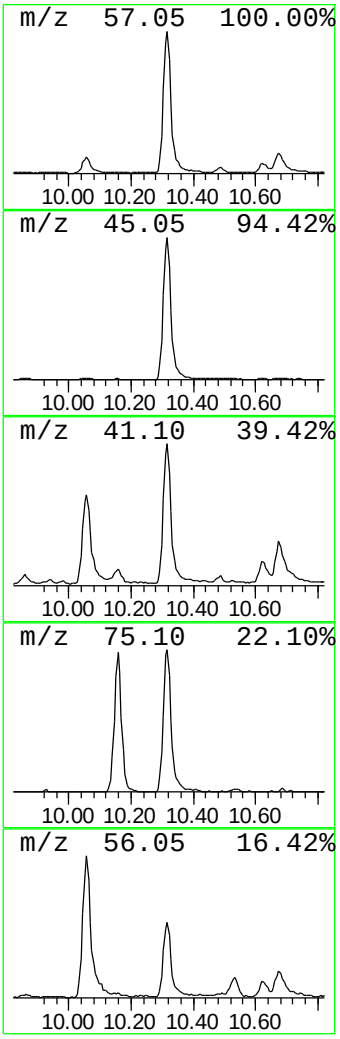
**********

Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.32 | 11.67 ng/ul | 1022160 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90 |
| 3 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 4 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83 |
| 5 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |



# Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

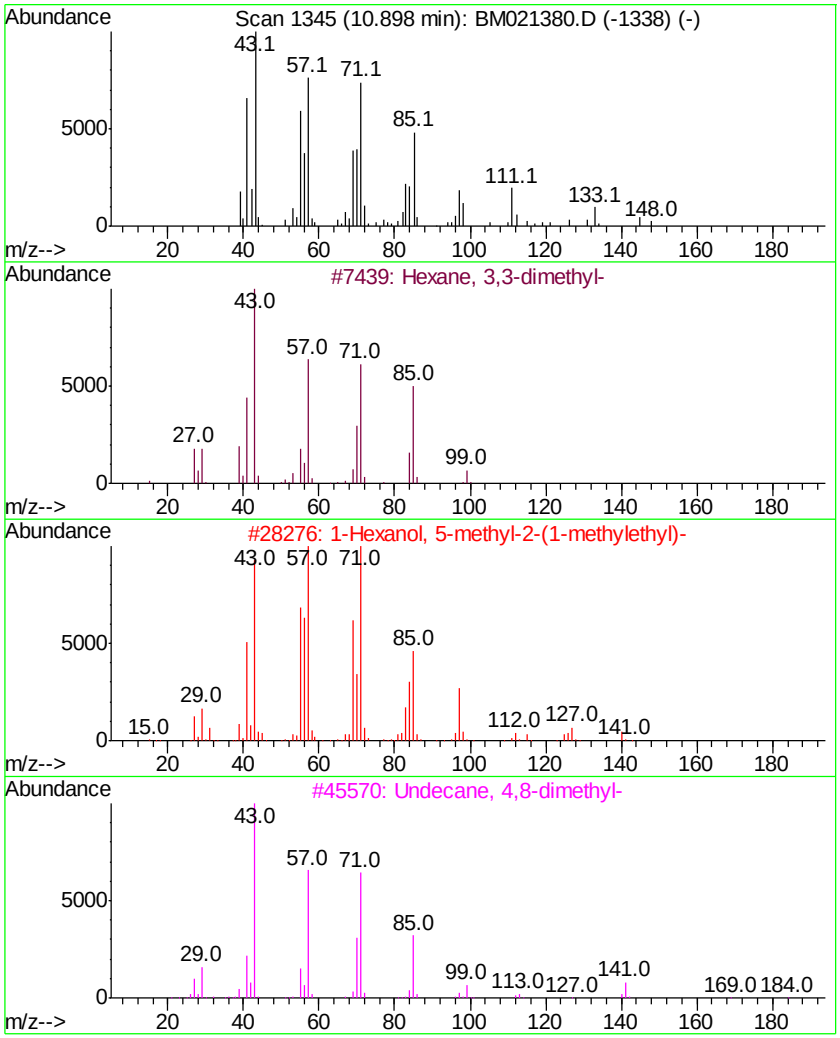
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

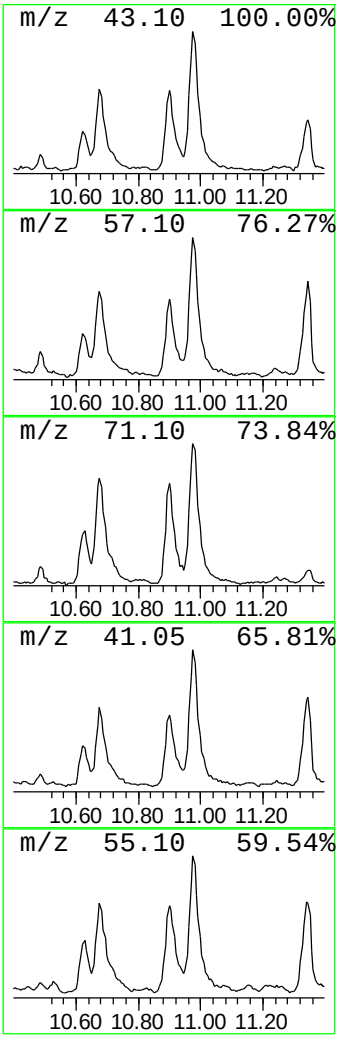
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.90 | 4.46 ng/ul | 390910 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 53 |
| 2 | 1-Hexanol, 5-methyl-2-(1-methyle... | 158 | C10H22O | 002051-33-4 | 50 |
| 3 | Undecane, 4,8-dimethyl- | 184 | C13H28 | 017301-33-6 | 50 |
| 4 | 2-Isopropyl-5-methyl-1-heptanol | 172 | C11H24O | 091337-07-4 | 50 |
| 5 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 47 |



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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

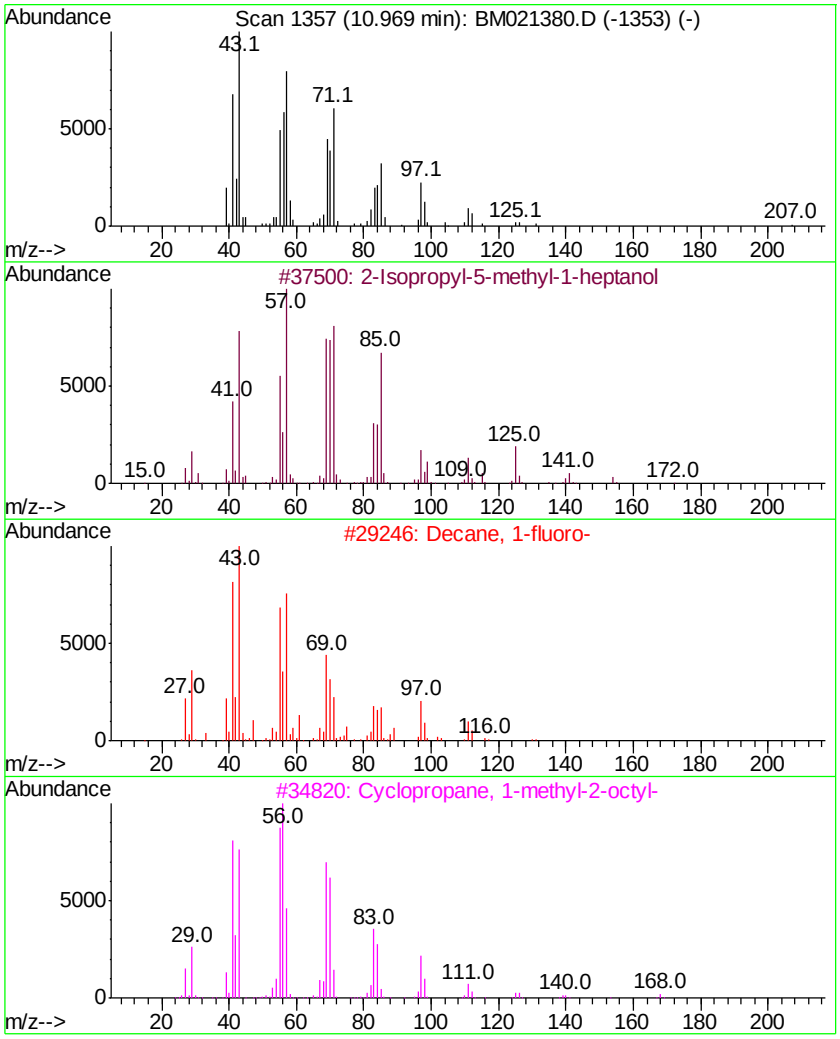
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

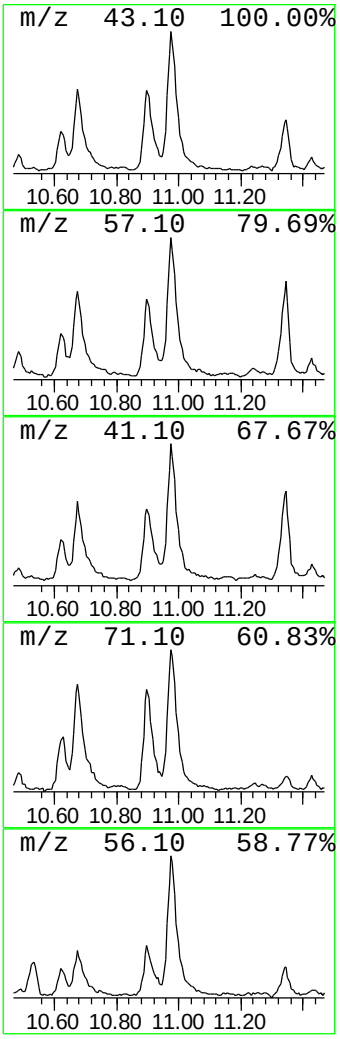
**********

Peak Number 8 2-Isopropyl-5-methyl-1-hept... Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.97 | 7.64 ng/ul | 669230 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Isopropyl-5-methyl-1-heptanol | 172 | C11H24O | 091337-07-4 | 59 |
| 2 | Decane, 1-fluoro- | 160 | C10H21F | 000334-56-5 | 53 |
| 3 | Cyclopropane, 1-methyl-2-octyl- | 168 | C12H24 | 037617-26-8 | 47 |
| 4 | Cyclopropane, pentyl- | 112 | C8H16 | 002511-91-3 | 46 |
| 5 | 1-Tridecanol | 200 | C13H28O | 000112-70-9 | 43 |



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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

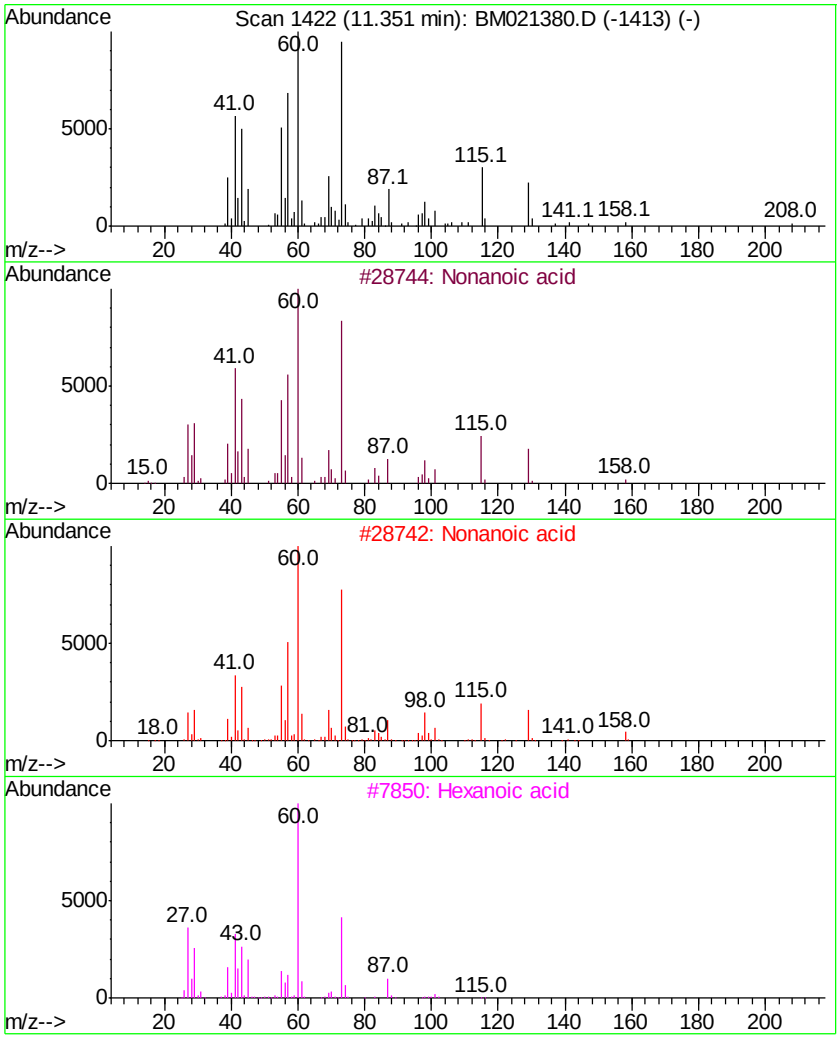
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

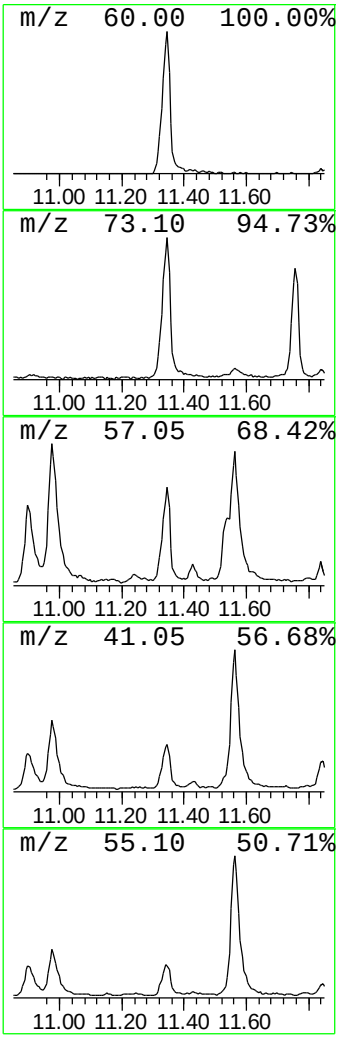
**********

Peak Number 9 Nonanoic acid Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.35 | 4.69 ng/ul | 410442 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 91 |
| 2 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 78 |
| 3 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 50 |
| 4 | Heptanoic acid | 130 | C7H14O2 | 000111-14-8 | 47 |
| 5 | Xylose | 150 | C5H10O5 | 000058-86-6 | 47 |



Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

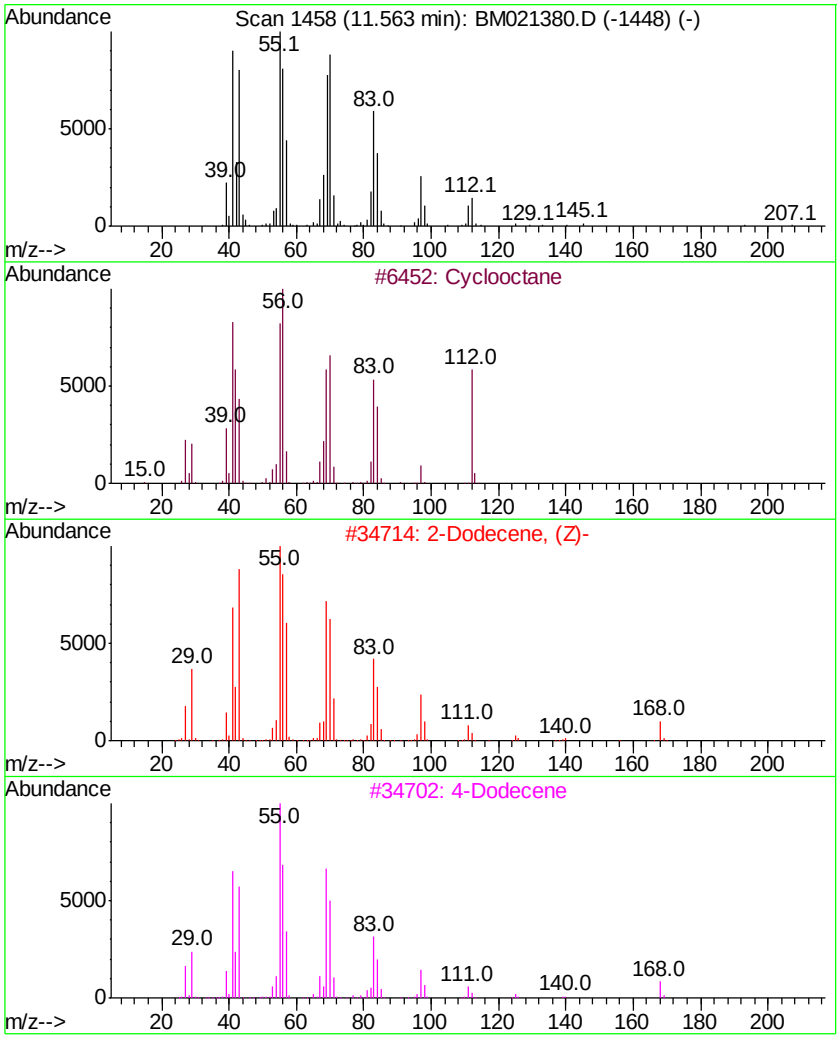
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

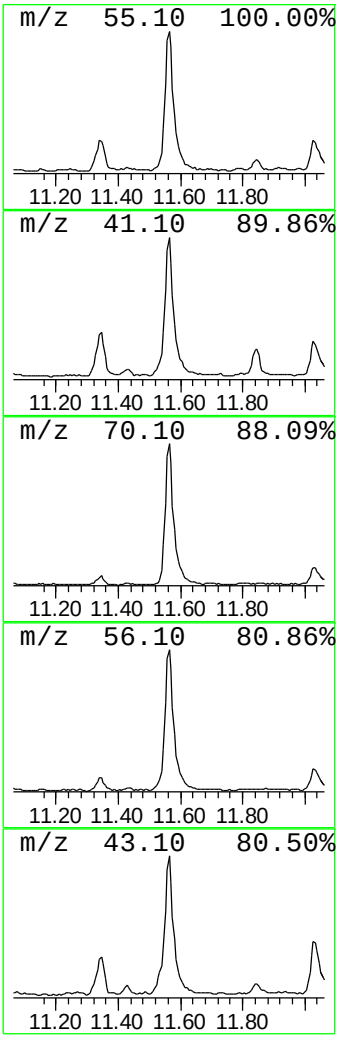
**********

Peak Number 10 (DEL) Alkane: Cyclic11.56 Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.56 | 13.50 ng/ul | 1182340 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclooctane | 112 | C8H16 | 000292-64-8 | 90 |
| 2 | 2-Dodecene, (Z)- | 168 | C12H24 | 007206-26-0 | 90 |
| 3 | 4-Dodecene | 168 | C12H24 | 002030-84-4 | 86 |
| 4 | Cyclobutane, 1-butyl-2-ethyl- | 140 | C10H20 | 1000150-67-3 | 86 |
| 5 | 1-Undecanol | 172 | C11H24O | 000112-42-5 | 86 |



Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

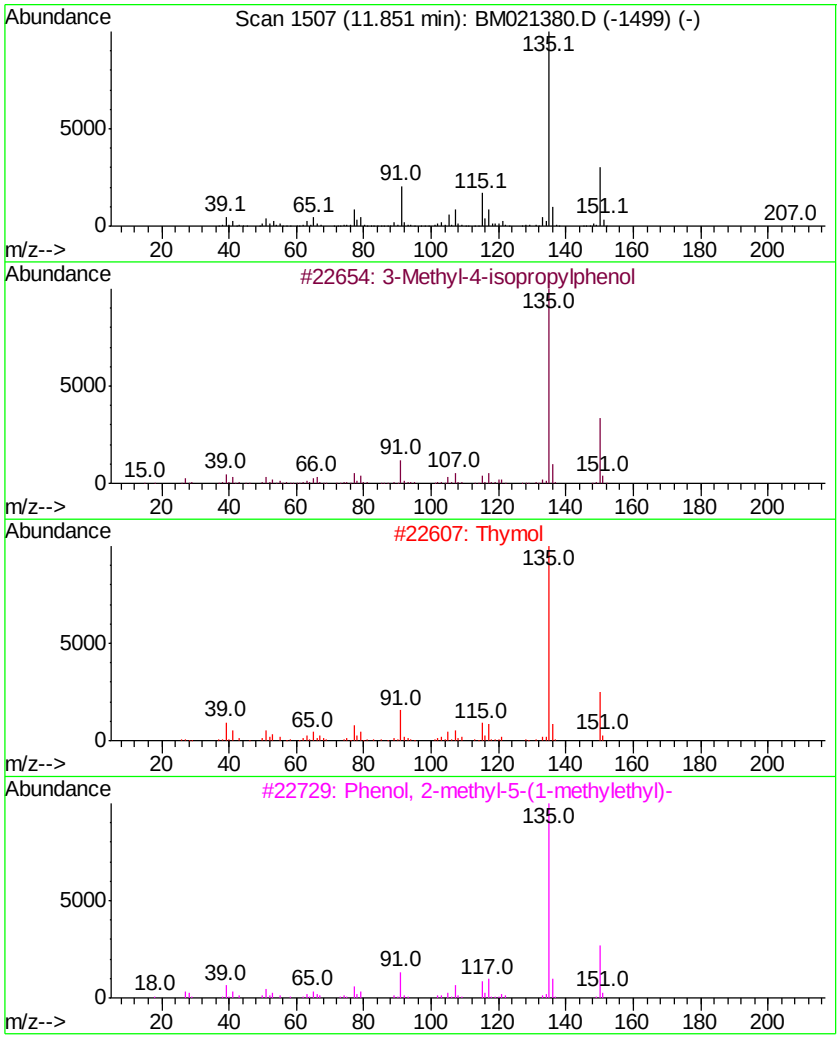
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

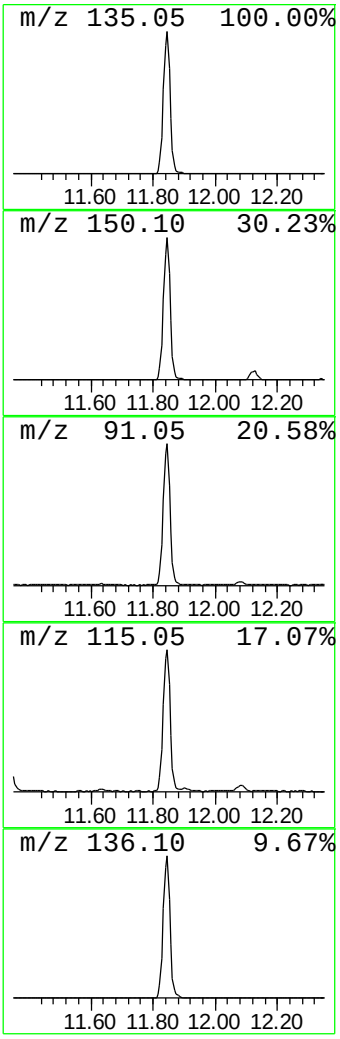
**********

Peak Number 11 3-Methyl-4-isopropylphenol Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.85 | 20.04 ng/ul | 1754750 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methyl-4-isopropylphenol | 150 | C10H14O | 003228-02-2 | 93 |
| 2 | Thymol | 150 | C10H14O | 000089-83-8 | 93 |
| 3 | Phenol, 2-methyl-5-(1-methylethyl)- | 150 | C10H14O | 000499-75-2 | 90 |
| 4 | Thymol | 150 | C10H14O | 000089-83-8 | 90 |
| 5 | Phenol, 2-methyl-5-(1-methylethyl)- | 150 | C10H14O | 000499-75-2 | 90 |



# Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

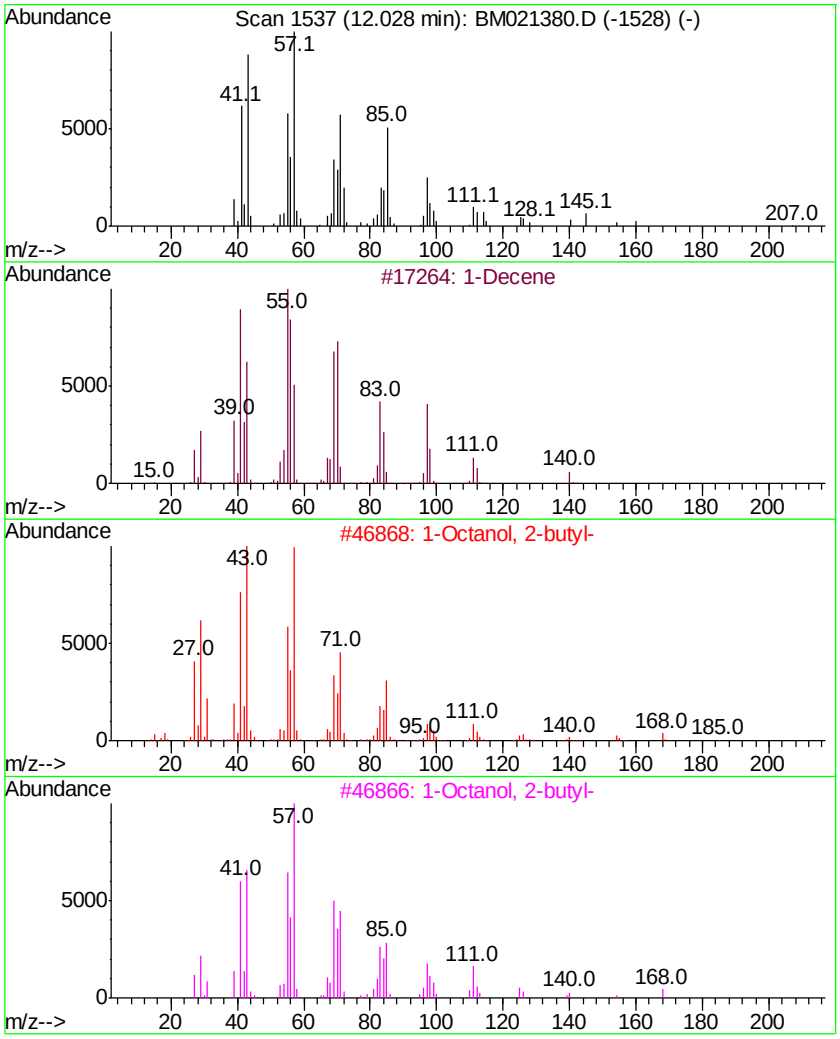
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

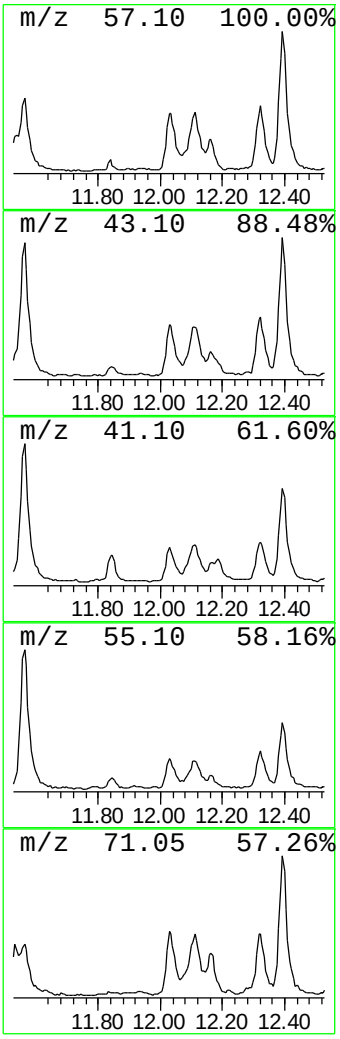
**********

Peak Number 12 (DEL) Alkane: Cyclic12.03 Concentration Rank 63

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.03 | 4.08 ng/ul | 357169 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decene | 140 | C10H20 | 000872-05-9 | 83 |
| 2 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 52 |
| 3 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 49 |
| 4 | Octane | 114 | C8H18 | 000111-65-9 | 49 |
| 5 | Octane | 114 | C8H18 | 000111-65-9 | 49 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

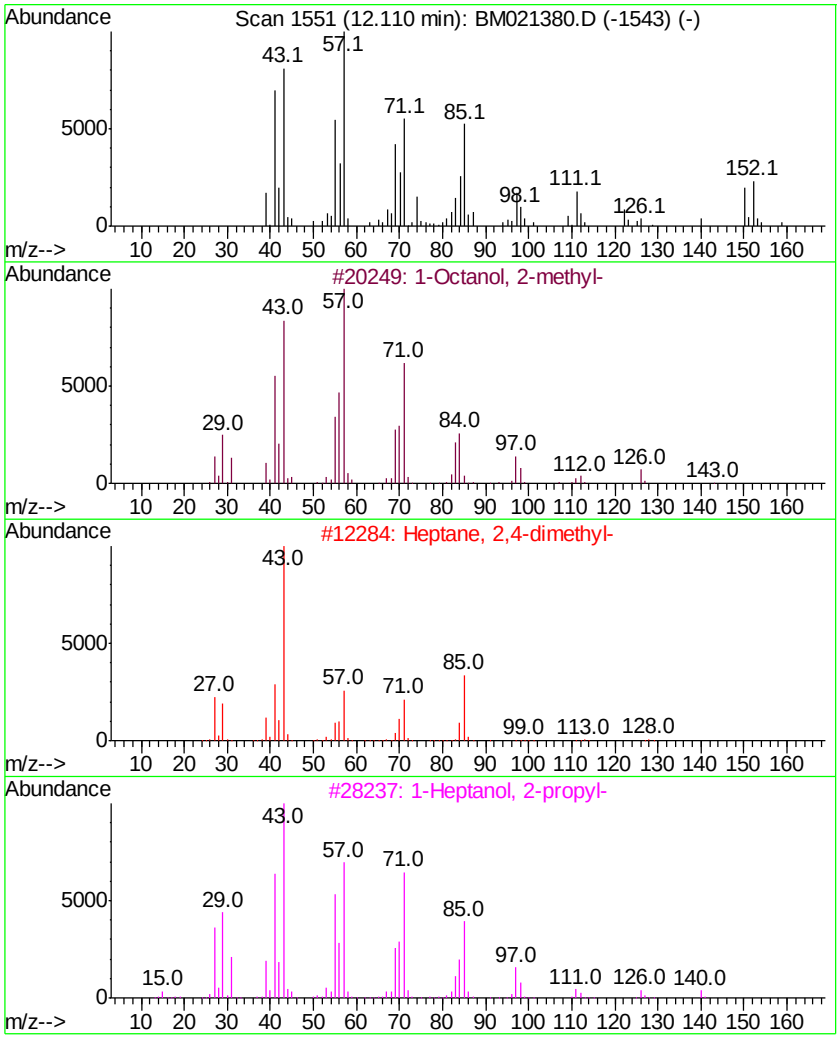
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

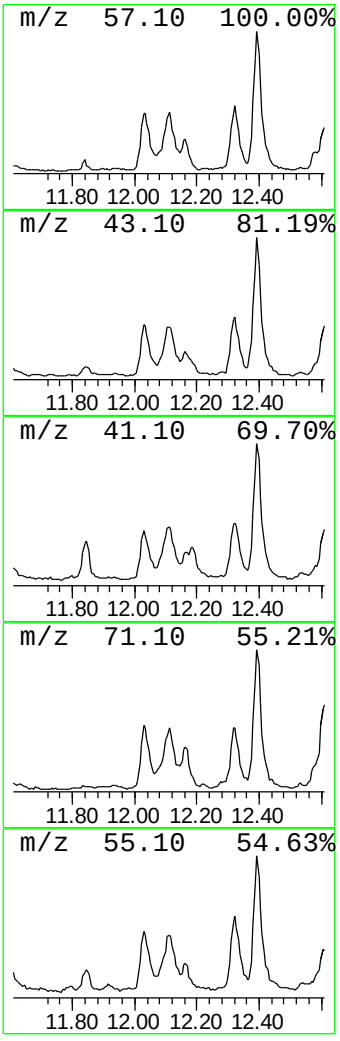
**********

Peak Number 13 unknown-02 Concentration Rank 64

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.11 | 4.07 ng/ul | 356008 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octanol, 2-methyl- | 144 | C9H20O | 000818-81-5 | 43 |
| 2 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 43 |
| 3 | 1-Heptanol, 2-propyl- | 158 | C10H22O | 010042-59-8 | 43 |
| 4 | Undecane, 4,7-dimethyl- | 184 | C13H28 | 017301-32-5 | 43 |
| 5 | Heptane, 2,4,6-trimethyl- | 142 | C10H22 | 002613-61-8 | 35 |



# Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

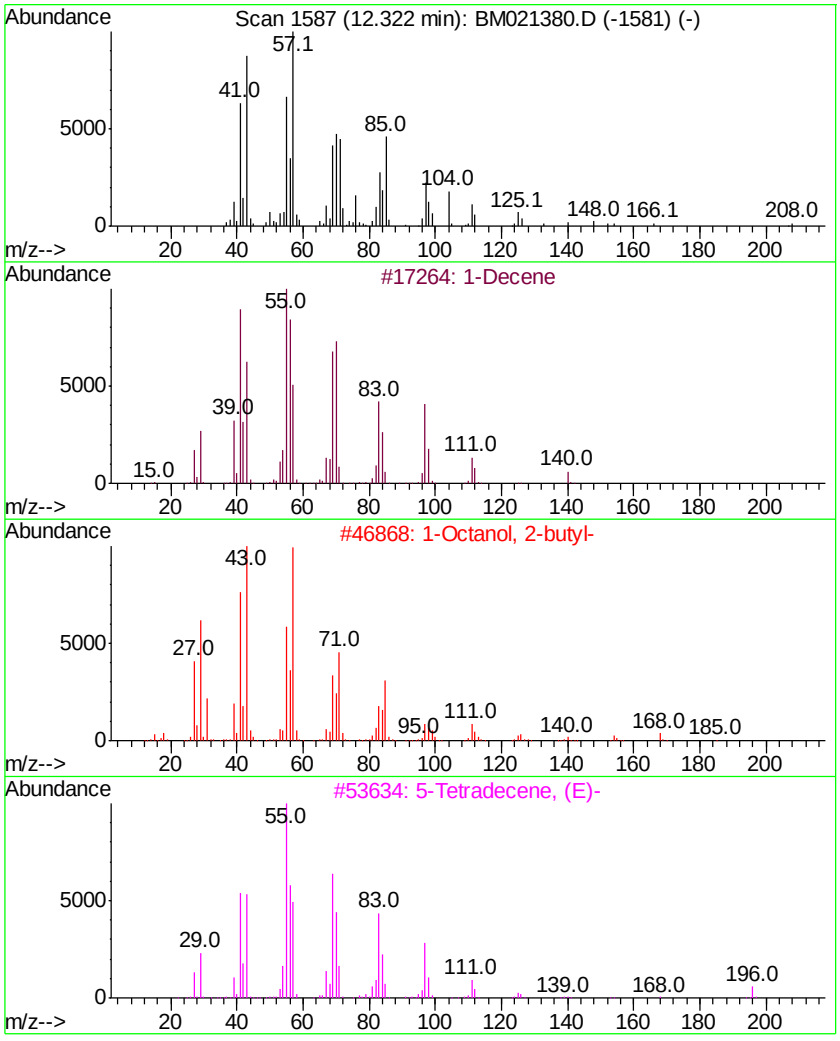
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

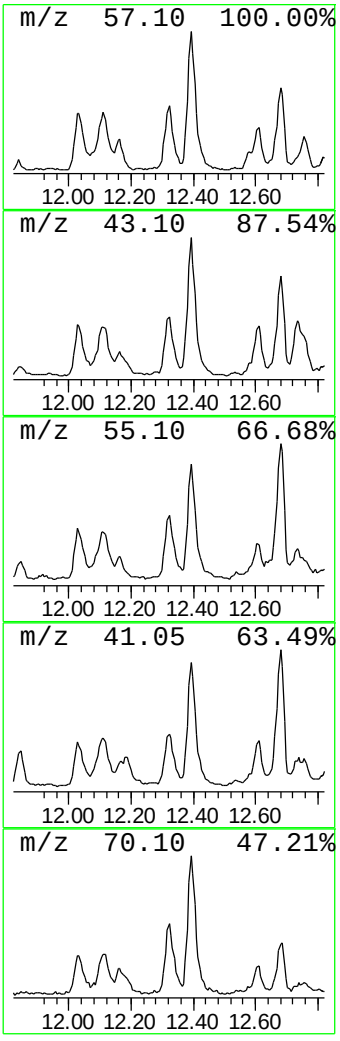
**********

Peak Number 14 (DEL) Alkane: Cyclic12.32 Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.32 | 4.88 ng/ul | 427497 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decene | 140 | C10H20 | 000872-05-9 | 50 |
| 2 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 47 |
| 3 | 5-Tetradecene, (E)- | 196 | C14H28 | 041446-66-6 | 43 |
| 4 | 1-Tetradecene | 196 | C14H28 | 001120-36-1 | 43 |
| 5 | 1-Tridecene | 182 | C13H26 | 002437-56-1 | 43 |



# Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

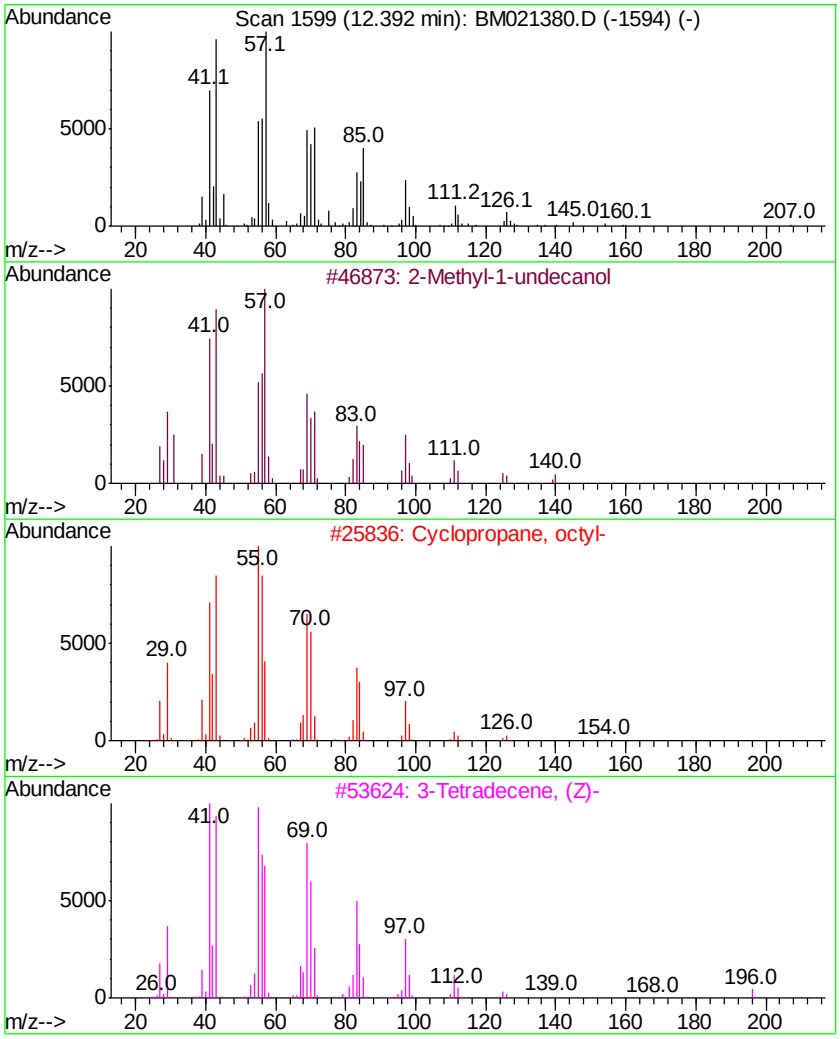
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

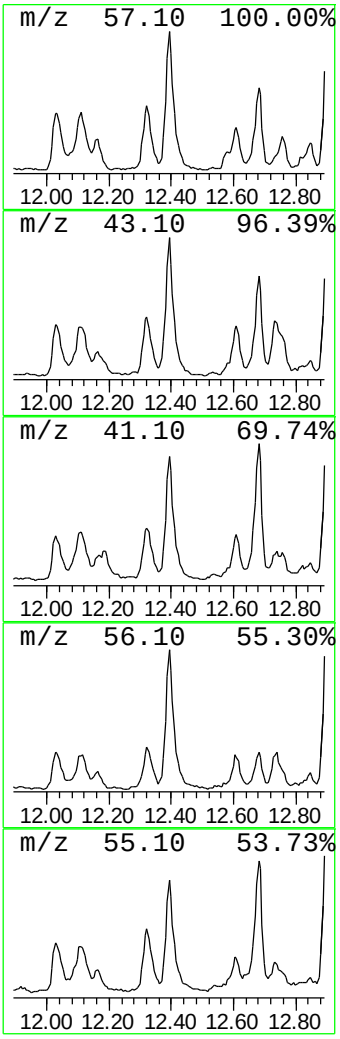
**********

Peak Number 15 2-Methyl-1-undecanol Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.39 | 9.33 ng/ul | 816772 | Naphthalene-d8 | 10.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyl-1-undecanol | 186 | C12H26O | 010522-26-6 | 72 |
| 2 | Cyclopropane, octyl- | 154 | C11H22 | 001472-09-9 | 60 |
| 3 | 3-Tetradecene, (Z)- | 196 | C14H28 | 041446-67-7 | 58 |
| 4 | 3-Tetradecene, (E)- | 196 | C14H28 | 041446-68-8 | 58 |
| 5 | Cyclopropane, 1-methyl-2-pentyl- | 126 | C9H18 | 041977-37-1 | 55 |



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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

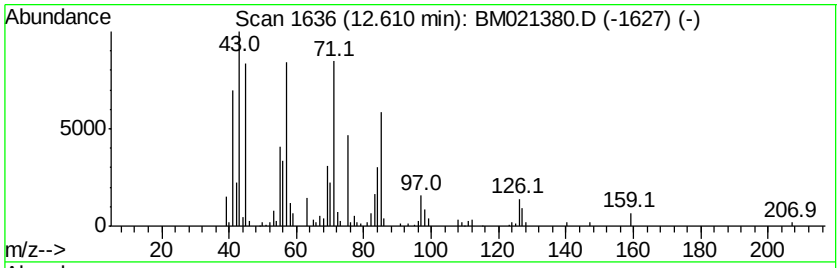
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

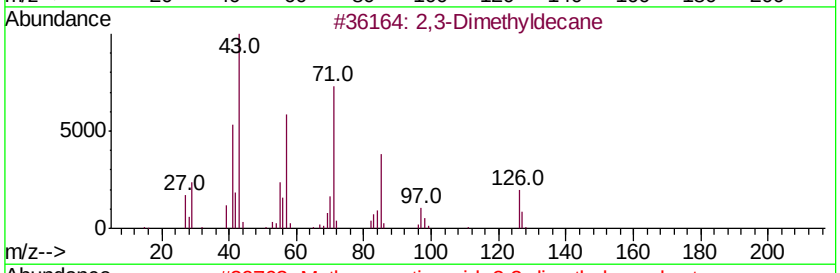
**********

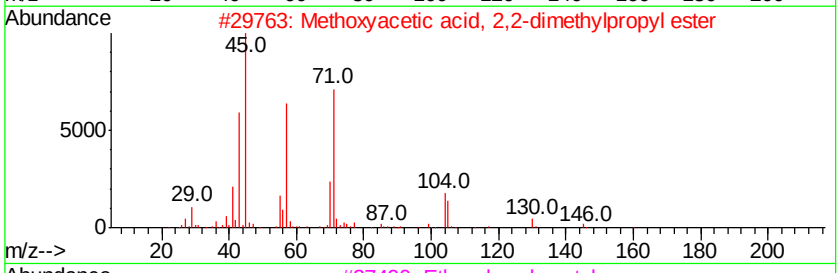
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 73

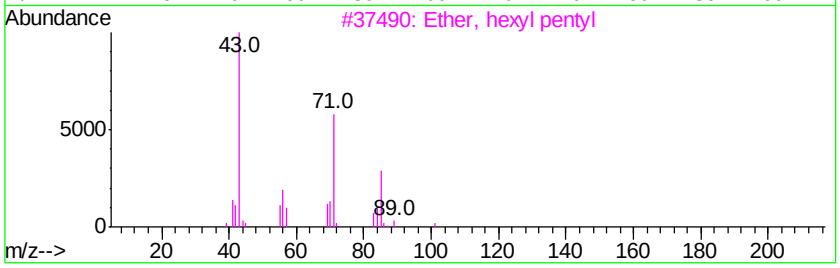
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.61 | 2.64 ng/ul | 329708 | Acenaphthene-d10 | 14.39 |

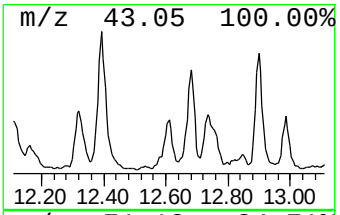
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,3-Dimethyldecane | 170 | C12H26 | 017312-44-6 | 47 |
| 2 | Methoxyacetic acid, 2,2-dimethyl... | 160 | C8H16O3 | 1000282-41-0 | 47 |
| 3 | Ether, hexyl pentyl | 172 | C11H24O | 032357-83-8 | 38 |
| 4 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 35 |
| 5 | 2-Heptanol, 5-ethyl- | 144 | C9H20O | 019780-40-6 | 35 |

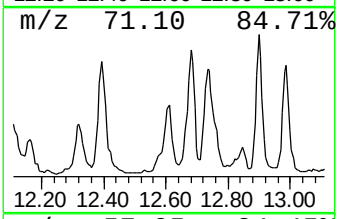


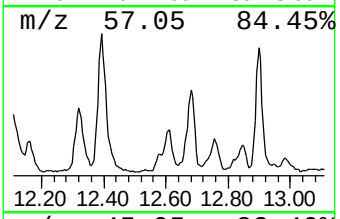



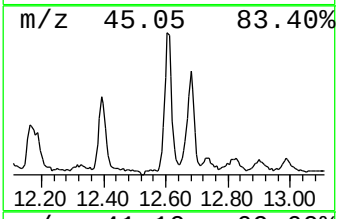



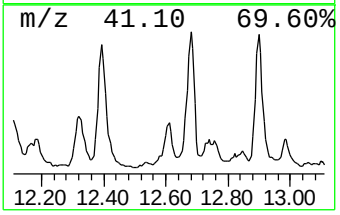



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

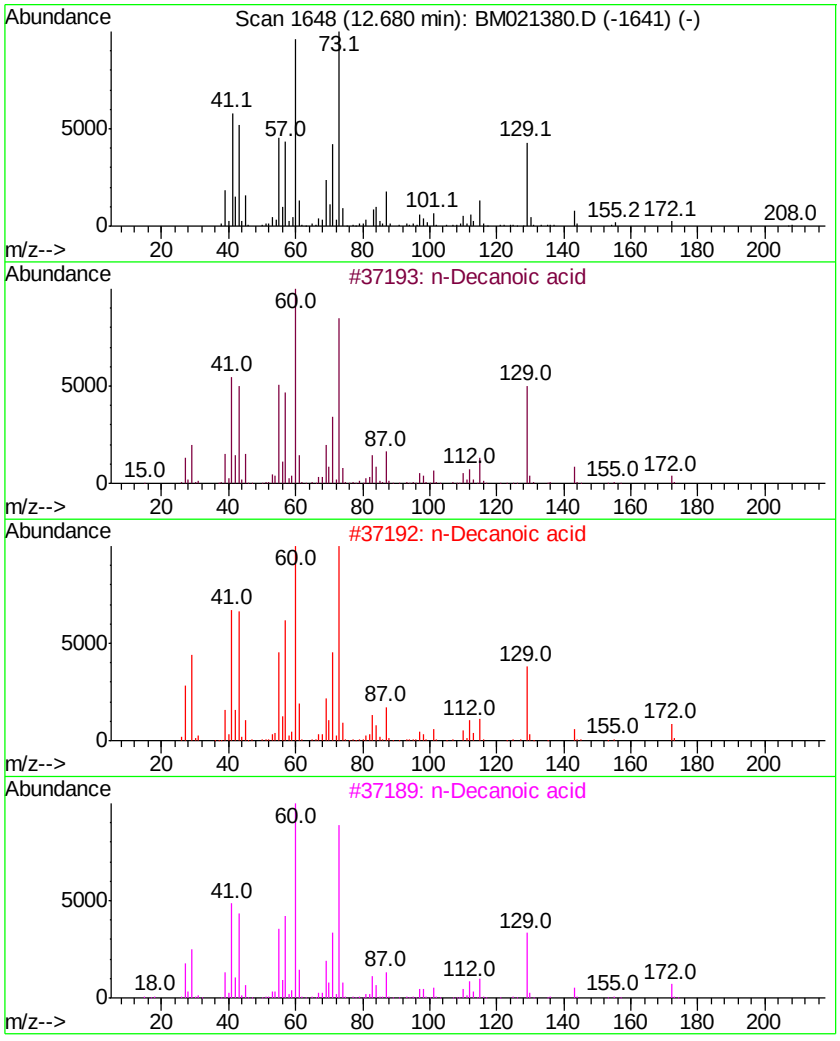
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

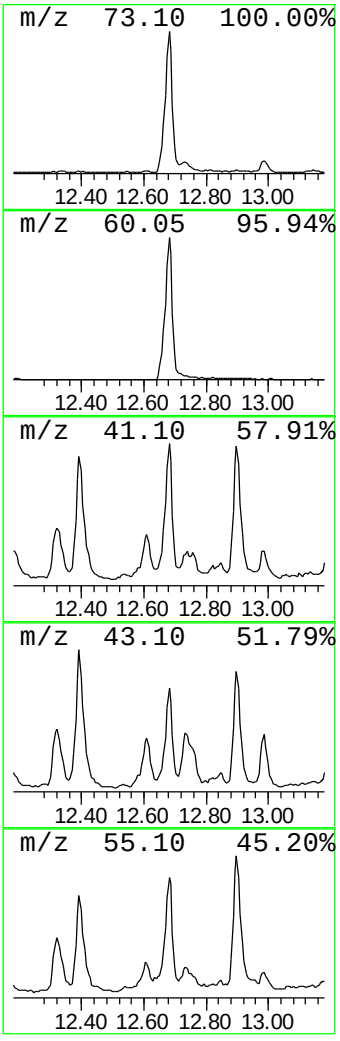
**********

Peak Number 17 n-Decanoic acid Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.68 | 6.95 ng/ul | 866568 | Acenaphthene-d10 | 14.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 95 |
| 2 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 93 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 90 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 56 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 50 |



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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

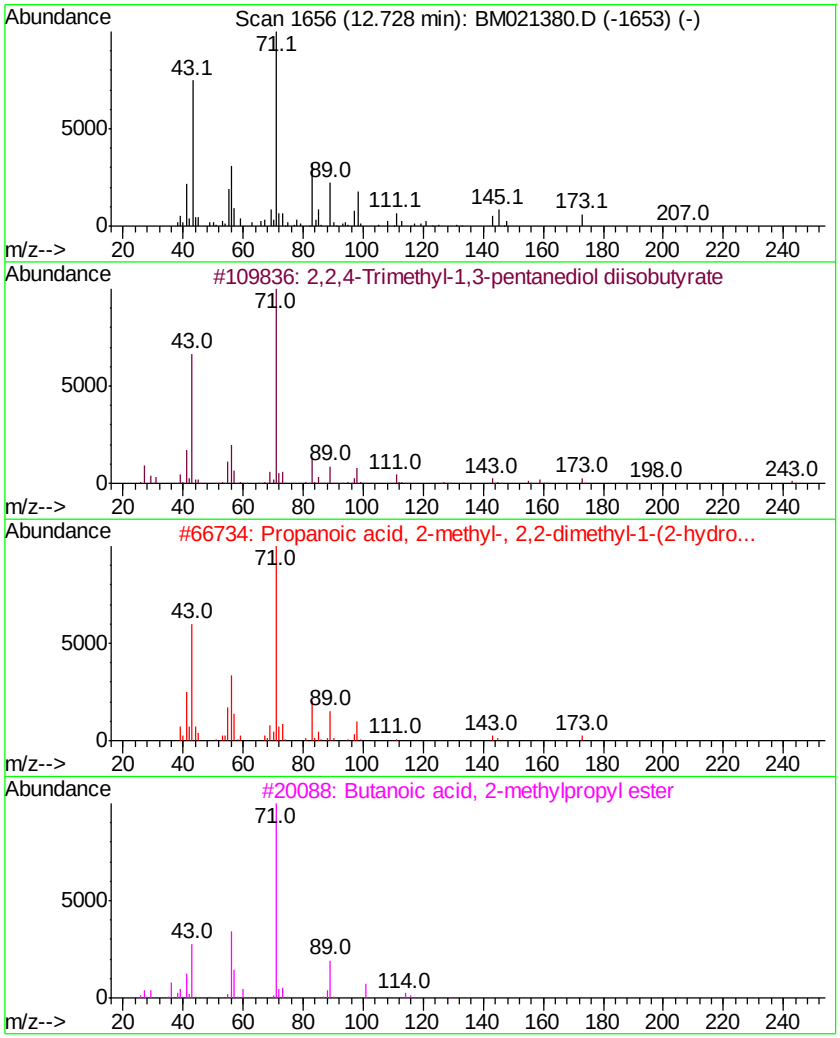
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

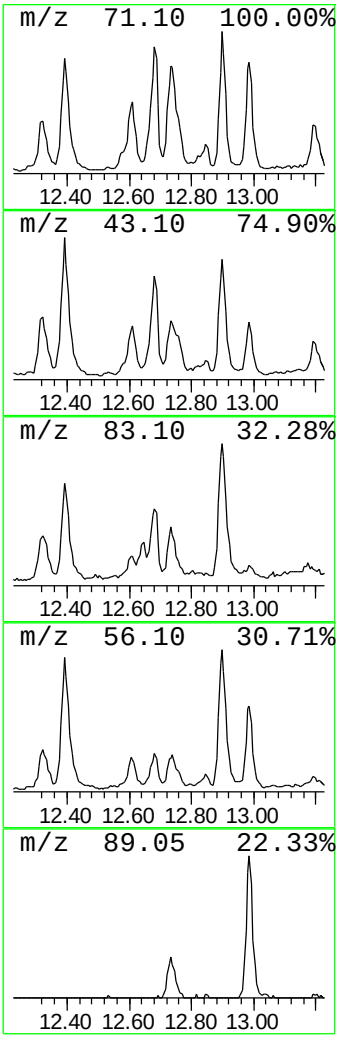
**********

Peak Number 18 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 77

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.73 | 2.35 ng/ul | 293607 | Acenaphthene-d10 | 14.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4 | 006846-50-0 | 72 |
| 2 | Propanoic acid, 2-methyl-, 2,2-d... | 216 | C12H24O3 | 074367-33-2 | 50 |
| 3 | Butanoic acid, 2-methylpropyl ester | 144 | C8H16O2 | 000539-90-2 | 50 |
| 4 | Propanoic acid, 2-methyl-, 1-(1,... | 286 | C16H30O4 | 074381-40-1 | 47 |
| 5 | 3-Hexanone, 2,5-dimethyl-4-nitro- | 173 | C8H15NO3 | 059906-54-6 | 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

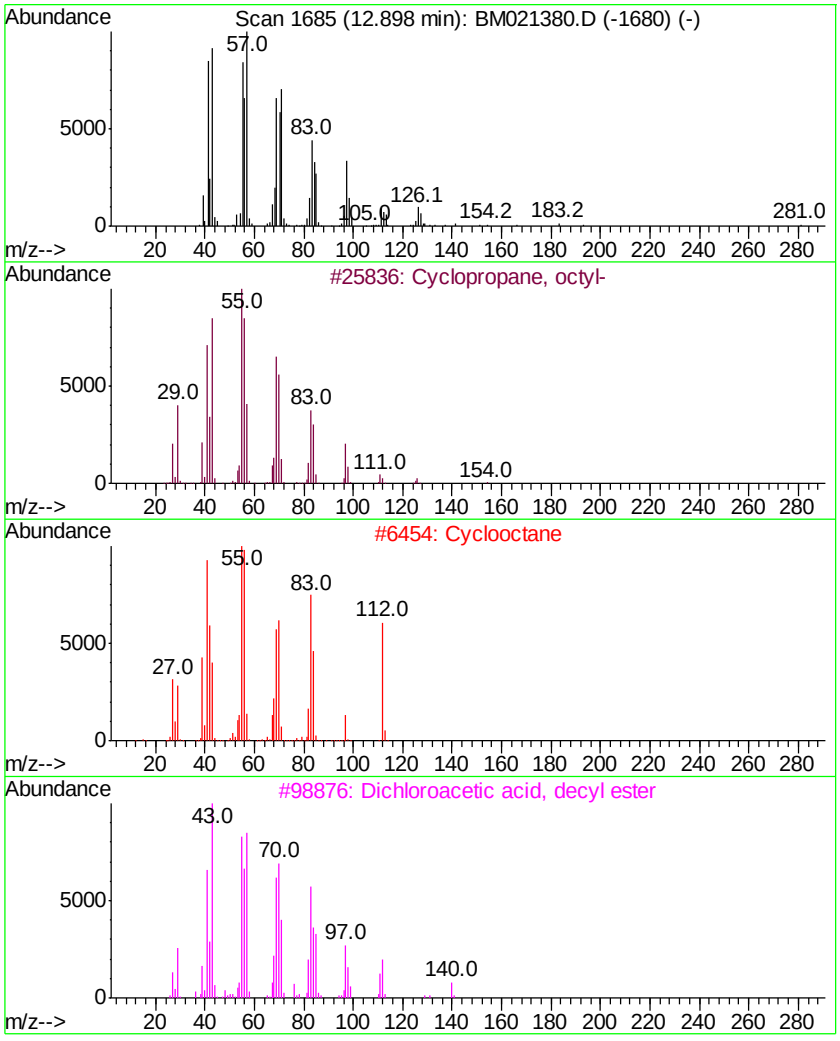
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

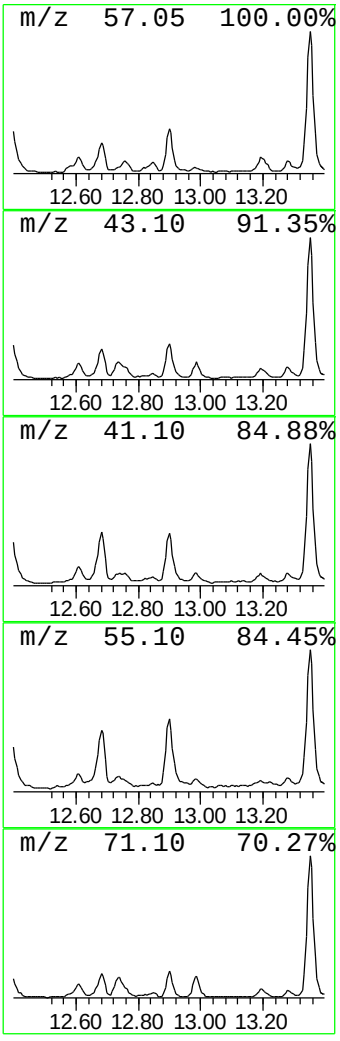
**********

Peak Number 19 (DEL) Alkane: Cyclic12.90 Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.90 | 6.04 ng/ul | 752829 | Acenaphthene-d10 | 14.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, octyl- | 154 | C11H22 | 001472-09-9 | 93 |
| 2 | Cyclooctane | 112 | C8H16 | 000292-64-8 | 87 |
| 3 | Dichloroacetic acid, decyl ester | 268 | C12H22Cl2O2 | 083005-00-9 | 87 |
| 4 | Heptafluorobutanoic acid, nonyl ... | 340 | C13H19F7O2 | 1000282-96-7 | 81 |
| 5 | Pentafluoropropionic acid, nonyl... | 290 | C12H19F5O2 | 1000283-03-6 | 74 |



# Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

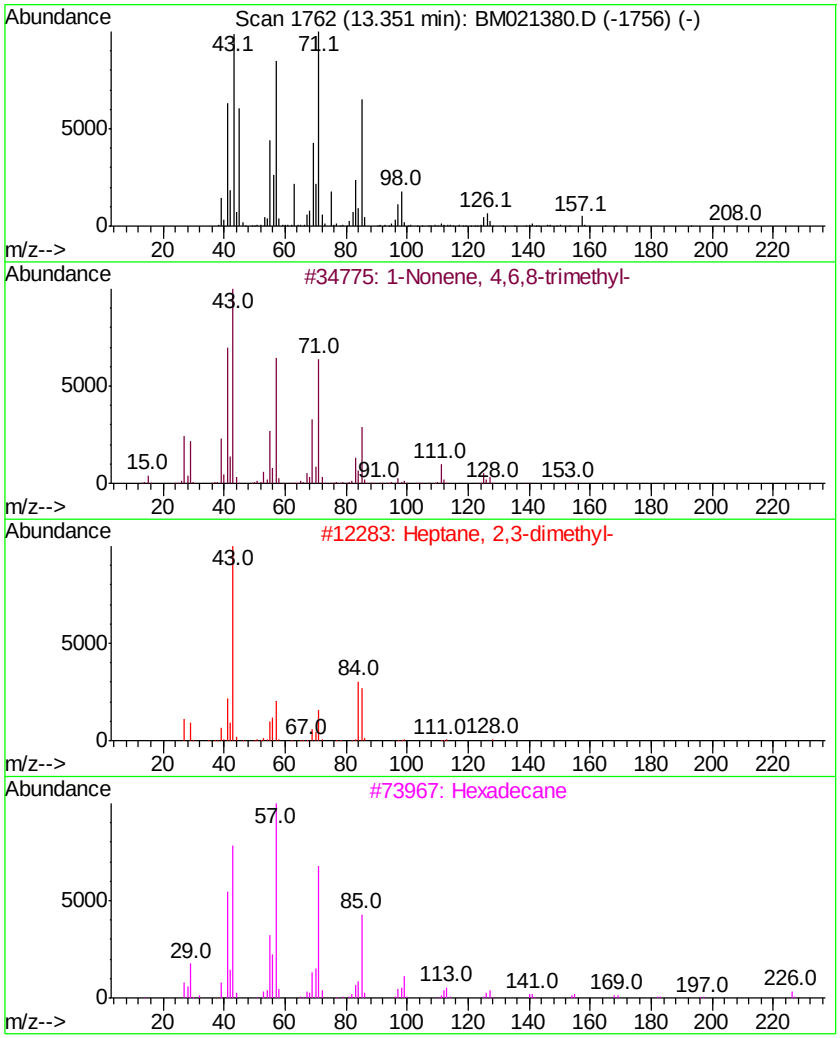
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

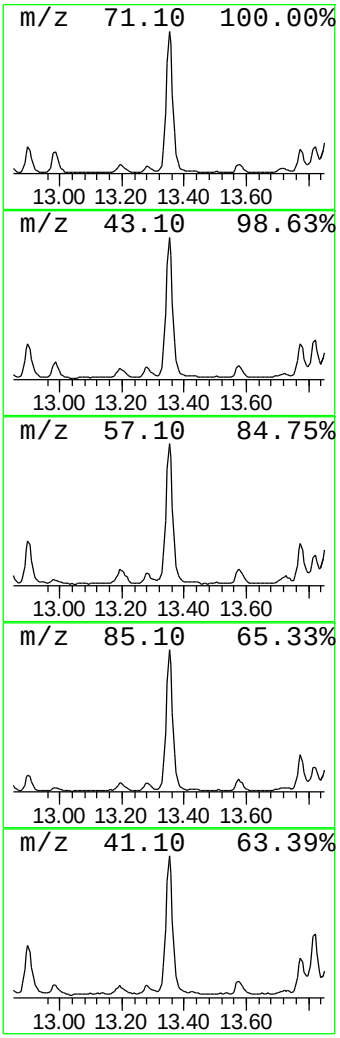
**********

Peak Number 20 (DEL) Alkane: Cyclic13.35 Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.35 | 18.89 ng/ul | 2355020 | Acenaphthene-d10 | 14.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonene, 4,6,8-trimethyl- | 168 | C12H24 | 054410-98-9 | 47 |
| 2 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 47 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 47 |
| 4 | Ethanol, 2-(hexyloxy)- | 146 | C8H18O2 | 000112-25-4 | 43 |
| 5 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

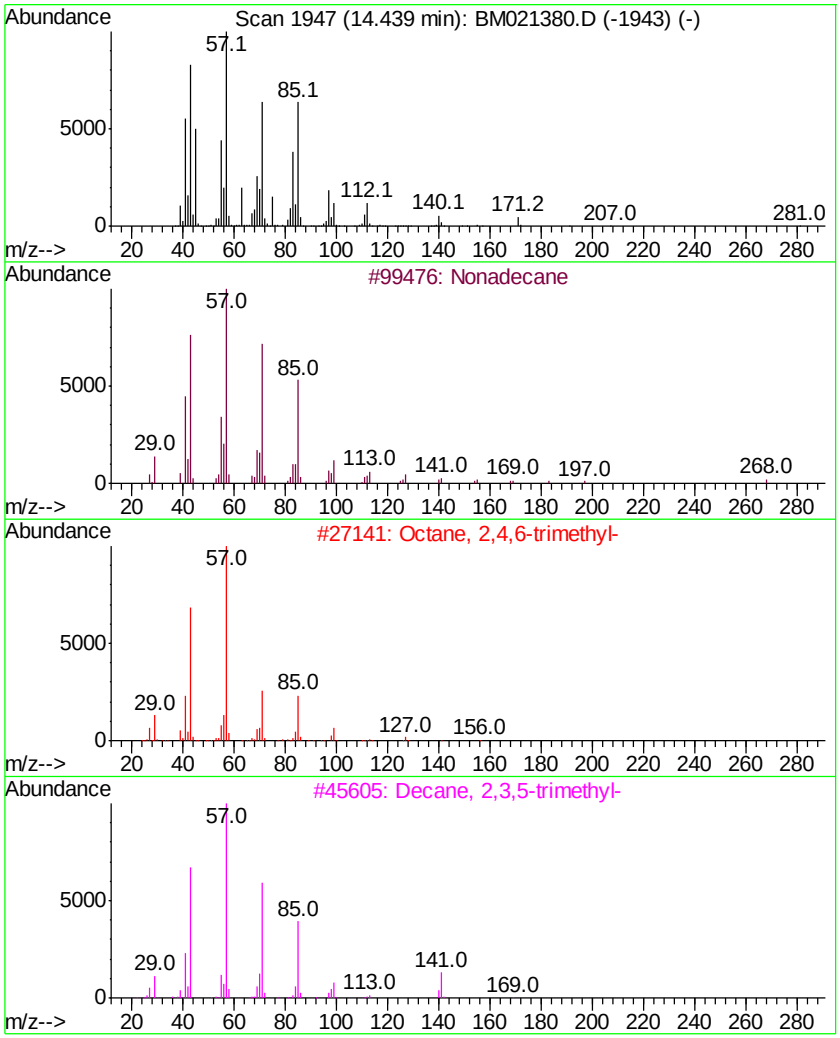
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

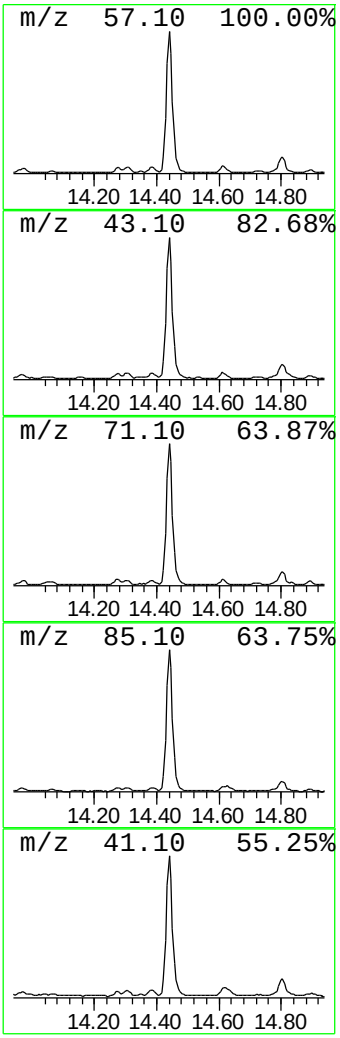
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.44 | 34.69 ng/ul | 4325790 | Acenaphthene-d10 | 14.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 46 |
| 2 | Octane, 2,4,6-trimethyl- | 156 | C11H24 | 062016-37-9 | 43 |
| 3 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 38 |
| 4 | Decane, 1,1'-oxybis- | 298 | C20H42O | 002456-28-2 | 38 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 27 |



# Library Search Compound Report

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Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

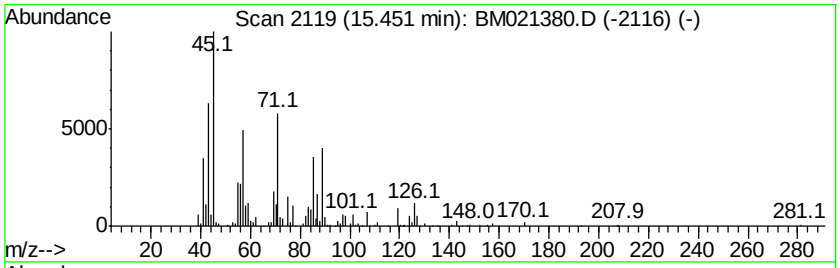
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

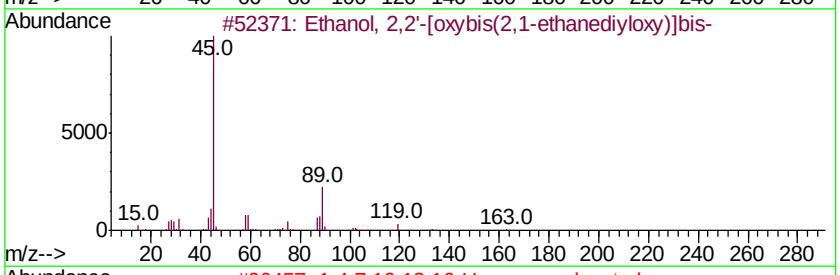
**********

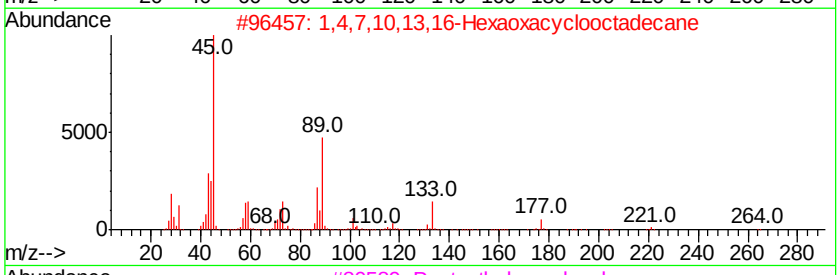
Peak Number 23 unknown-03 Concentration Rank 62

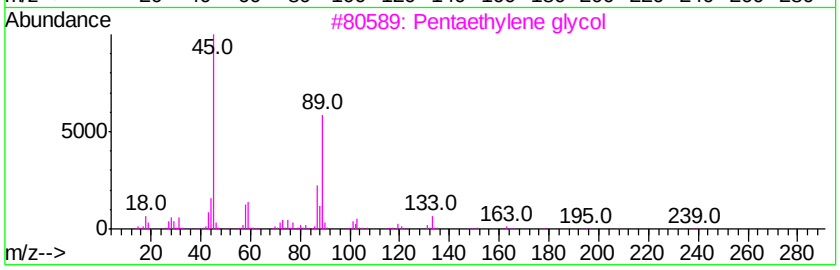
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.45 | 4.12 ng/ul | 514011 | Acenaphthene-d10 | 14.39 |

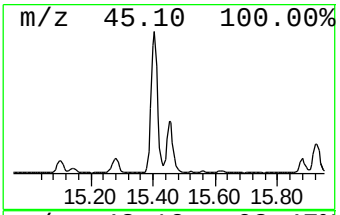
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2,2'-[oxybis(2,1-ethane... | 194 | C8H18O5 | 000112-60-7 | 47 |
| 2 | 1,4,7,10,13,16-Hexaoxacyclooctad... | 264 | C12H24O6 | 017455-13-9 | 43 |
| 3 | Pentaethylene glycol | 238 | C10H22O6 | 004792-15-8 | 43 |
| 4 | 15-Crown-5 | 220 | C10H20O5 | 033100-27-5 | 38 |
| 5 | 2-Propanol, 1-butoxy- | 132 | C7H16O2 | 005131-66-8 | 38 |

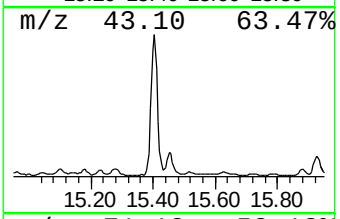


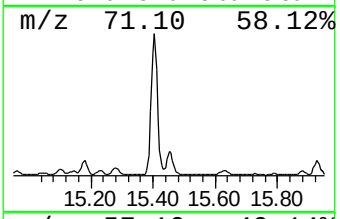



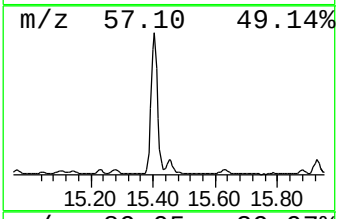



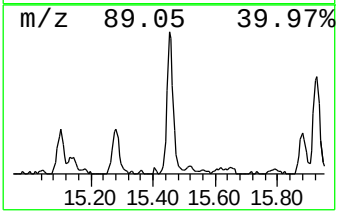



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

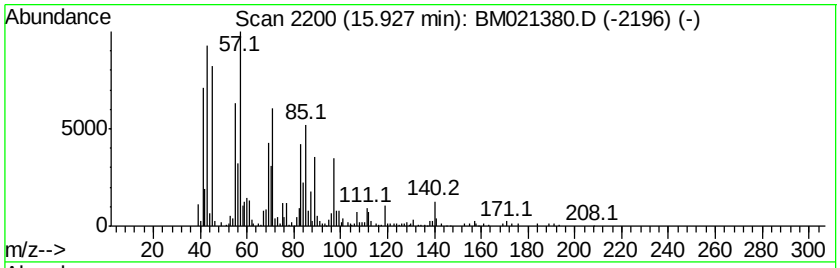
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

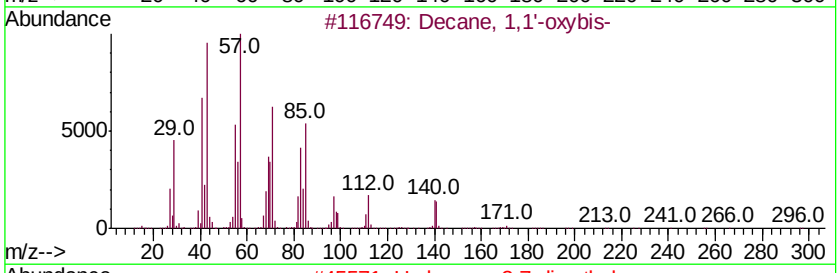
**********

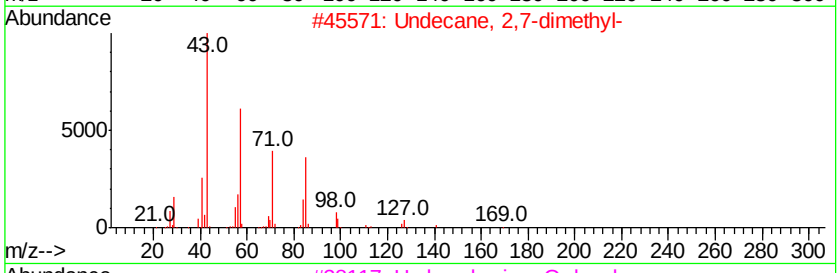
Peak Number 24 unknown-04 Concentration Rank 59

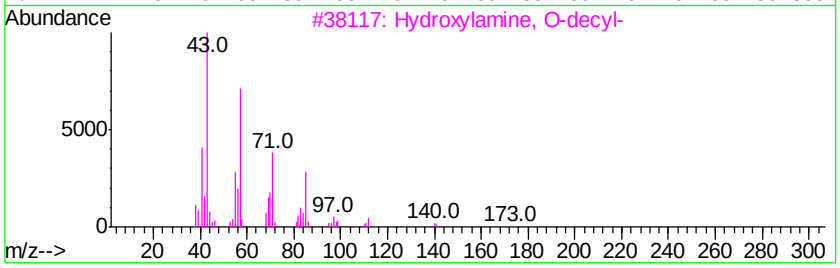
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.93 | 4.36 ng/ul | 514001 | Phenanthrene-d10 | 17.14 |

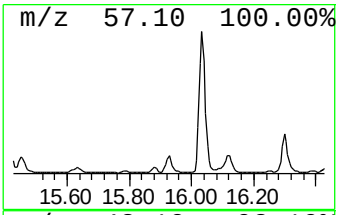
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 1,1'-oxybis- | 298 | C20H42O | 002456-28-2 | 46 |
| 2 | Undecane, 2,7-dimethyl- | 184 | C13H28 | 017301-24-5 | 25 |
| 3 | Hydroxylamine, O-decyl- | 173 | C10H23NO | 029812-79-1 | 25 |
| 4 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 22 |
| 5 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 22 |

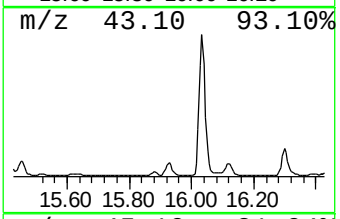


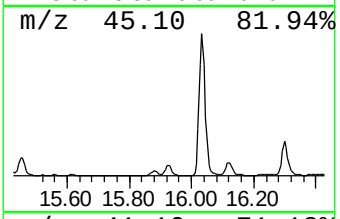



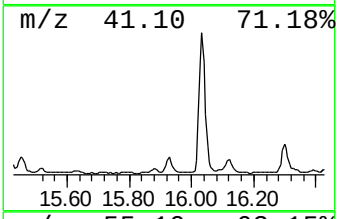



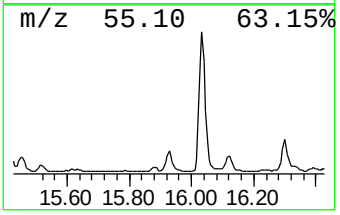



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

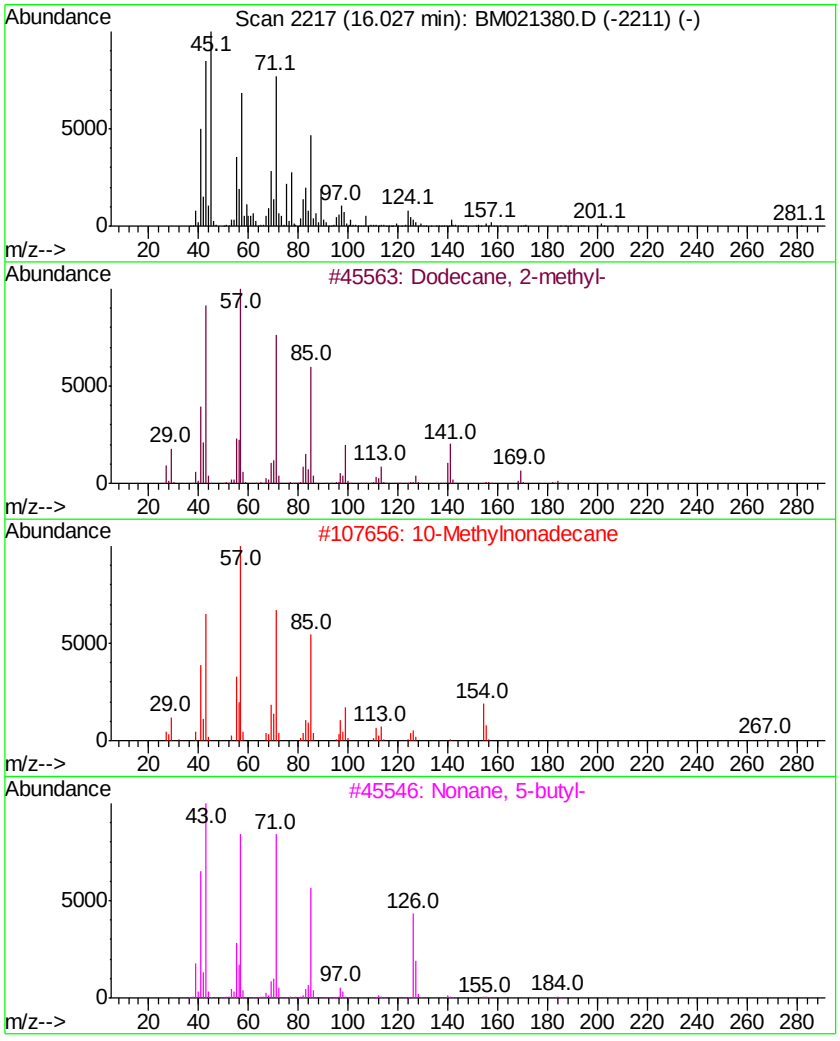
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

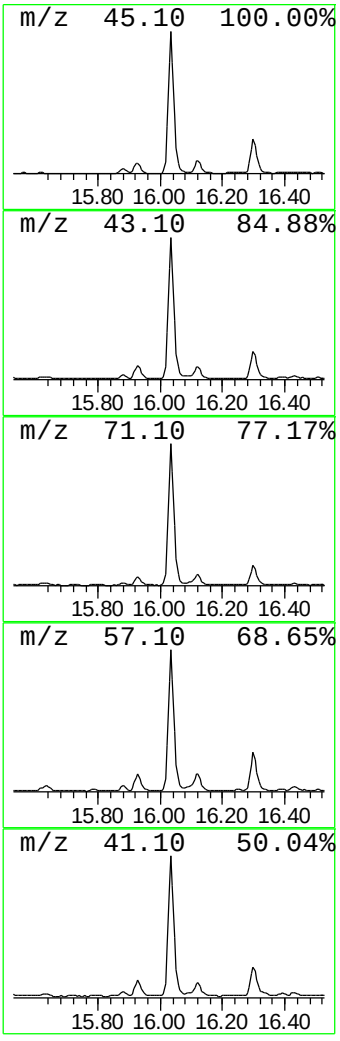
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.03 | 39.41 ng/ul | 4642840 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 35 |
| 2 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 35 |
| 3 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 27 |
| 4 | 2,3-Dimethyldecane | 170 | C12H26 | 017312-44-6 | 27 |
| 5 | Nonane, 5-(2-methylpropyl)- | 184 | C13H28 | 062185-53-9 | 27 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

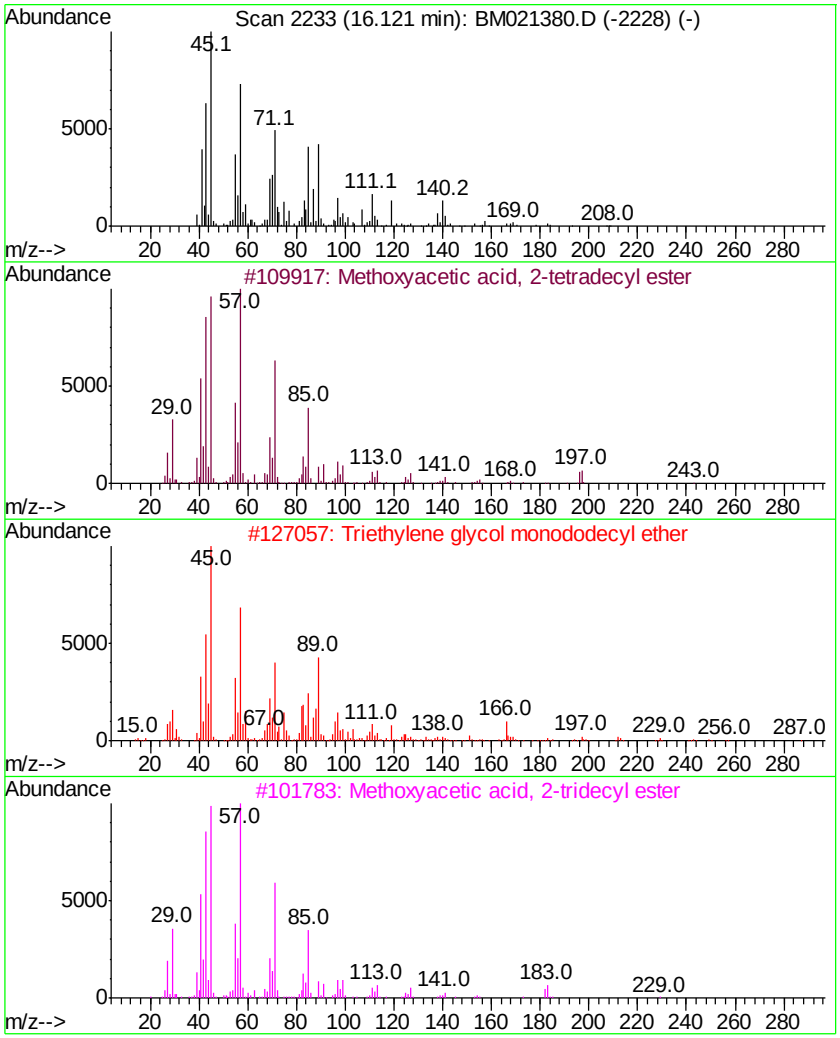
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

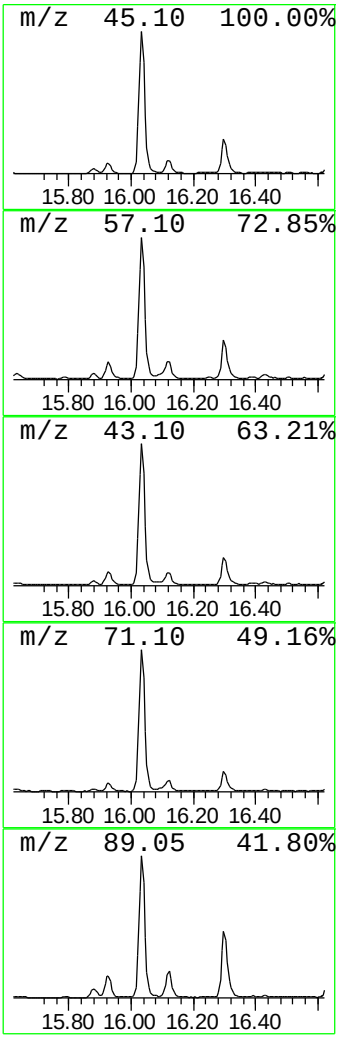
**********

Peak Number 26 Methoxyacetic acid, 2-tetra... Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.12 | 4.32 ng/ul | 509221 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methoxyacetic acid, 2-tetradecyl... | 286 | C17H34O3 | 1000282-04-8 | 53 |
| 2 | Triethylene glycol monododecyl e... | 318 | C18H38O4 | 003055-94-5 | 53 |
| 3 | Methoxyacetic acid, 2-tridecyl e... | 272 | C16H32O3 | 1000282-04-5 | 47 |
| 4 | Methoxyacetic acid, 2-pentyl ester | 160 | C8H16O3 | 1000282-69-2 | 43 |
| 5 | Propanoic acid, 2-methyl-, decyl... | 228 | C14H28O2 | 005454-22-8 | 22 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

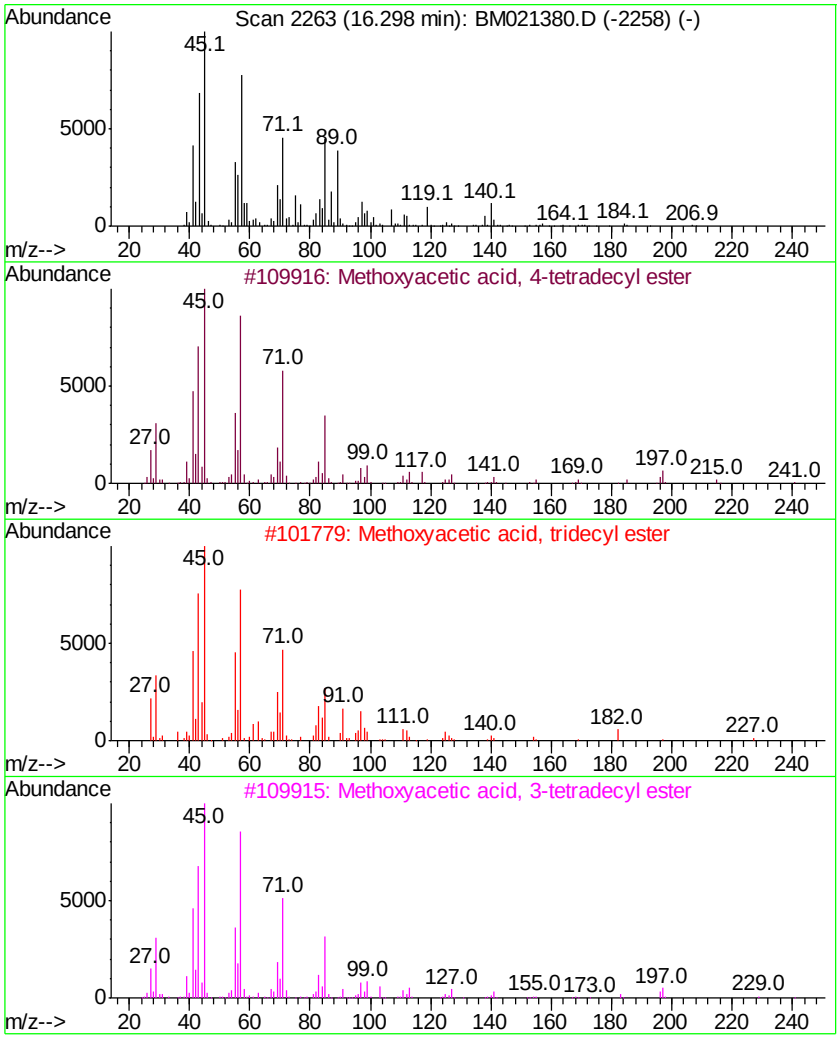
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

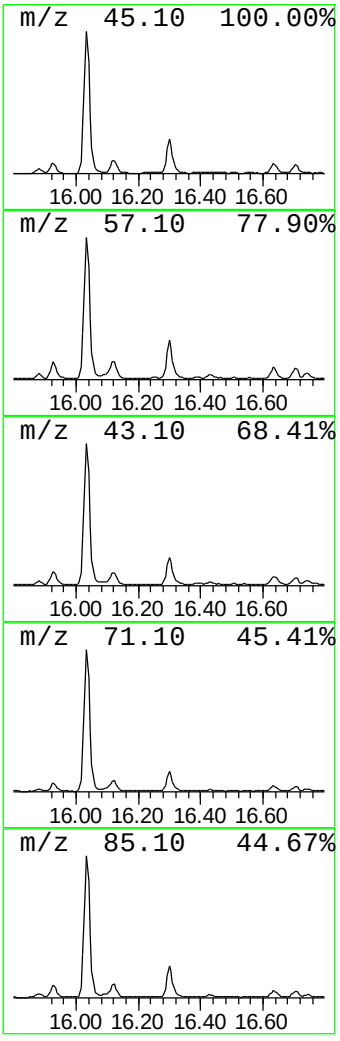
**********

Peak Number 27 unknown-05 Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.30 | 10.02 ng/ul | 1180770 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methoxyacetic acid, 4-tetradecyl... | 286 | C17H34O3 | 1000282-05-0 | 49 |
| 2 | Methoxyacetic acid, tridecyl ester | 272 | C16H32O3 | 1000281-82-0 | 49 |
| 3 | Methoxyacetic acid, 3-tetradecyl... | 286 | C17H34O3 | 1000282-04-9 | 49 |
| 4 | 1,4,7,10,13,16-Hexaoxacyclooctad... | 264 | C12H24O6 | 017455-13-9 | 38 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

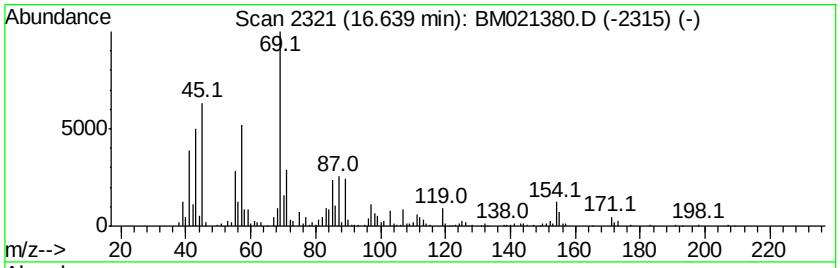
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

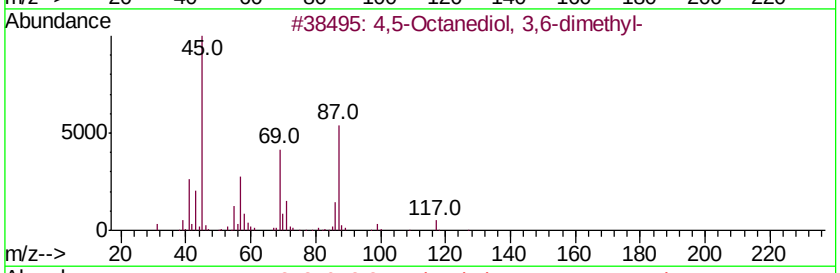
**********

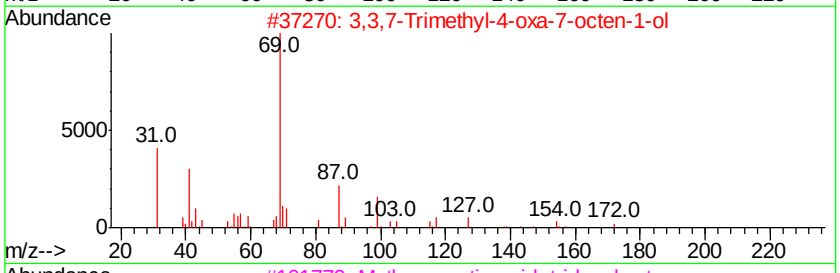
Peak Number 28 unknown-06 Concentration Rank 61

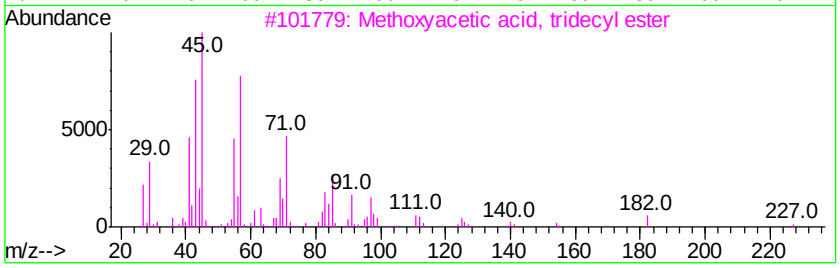
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.64 | 4.19 ng/ul | 493414 | Phenanthrene-d10 | 17.14 |

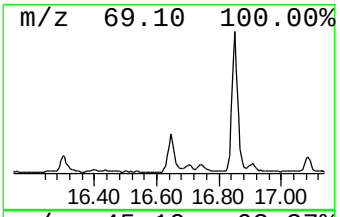
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,5-Octanediol, 3,6-dimethyl- | 174 | C10H22O2 | 1000153-21-1 | 38 |
| 2 | 3,3,7-Trimethyl-4-oxa-7-octen-1-ol | 172 | C10H20O2 | 069161-47-3 | 38 |
| 3 | Methoxyacetic acid, tridecyl ester | 272 | C16H32O3 | 1000281-82-0 | 30 |
| 4 | Methoxyacetic acid, 3-tetradecyl... | 286 | C17H34O3 | 1000282-04-9 | 30 |
| 5 | 2-Decene, 2-methyl- | 154 | C11H22 | 023381-92-2 | 30 |

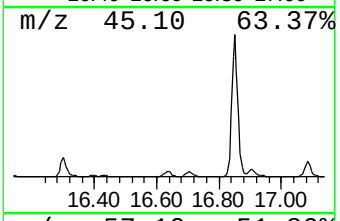


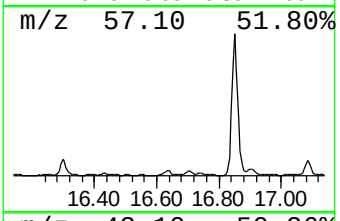



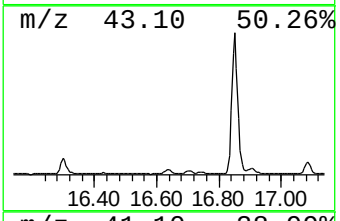



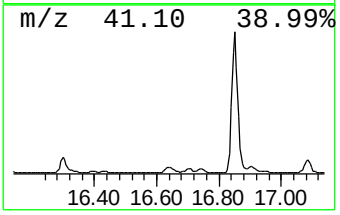



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

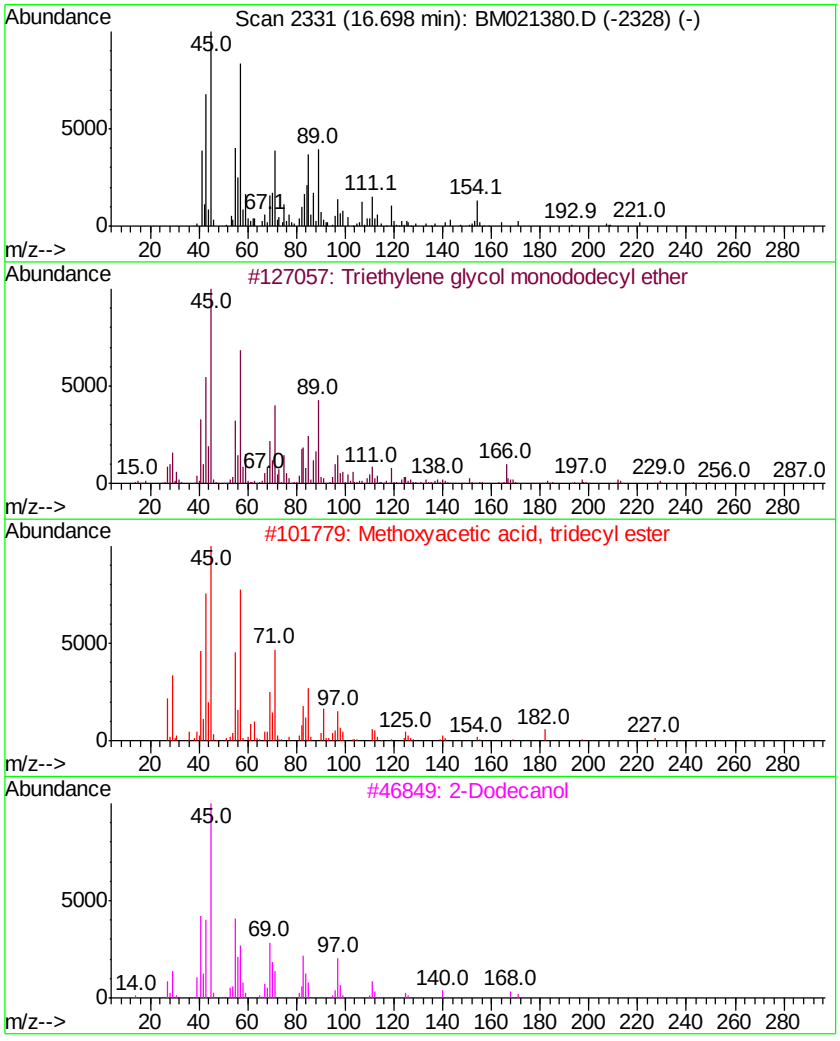
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

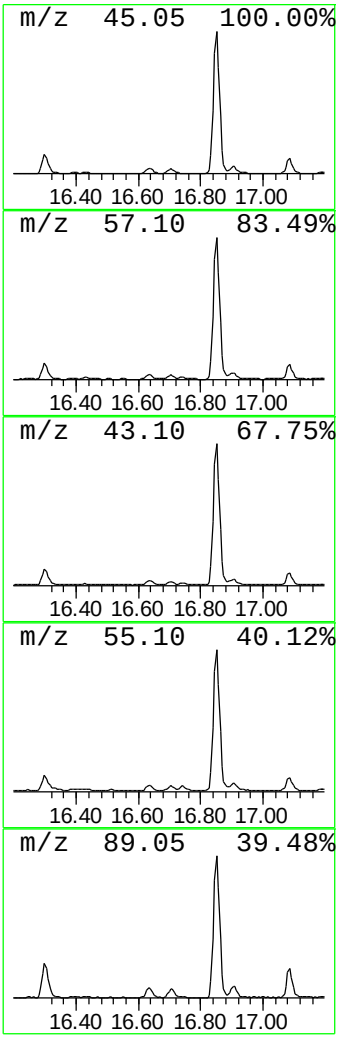
**********

Peak Number 29 Triethylene glycol monodode... Concentration Rank 74

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.70 | 2.58 ng/ul | 304465 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triethylene glycol monododecyl e... | 318 | C18H38O4 | 003055-94-5 | 72 |
| 2 | Methoxyacetic acid, tridecyl ester | 272 | C16H32O3 | 1000281-82-0 | 49 |
| 3 | 2-Dodecanol | 186 | C12H26O | 010203-28-8 | 30 |
| 4 | 2-Hexadecanol | 242 | C16H34O | 014852-31-4 | 30 |
| 5 | 2-Tridecanol | 200 | C13H28O | 001653-31-2 | 30 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

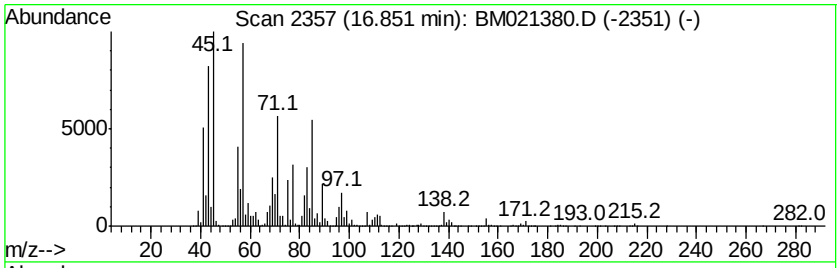
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

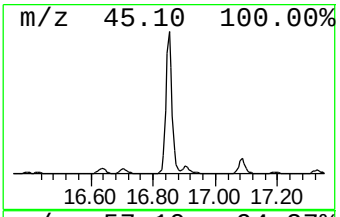
**********

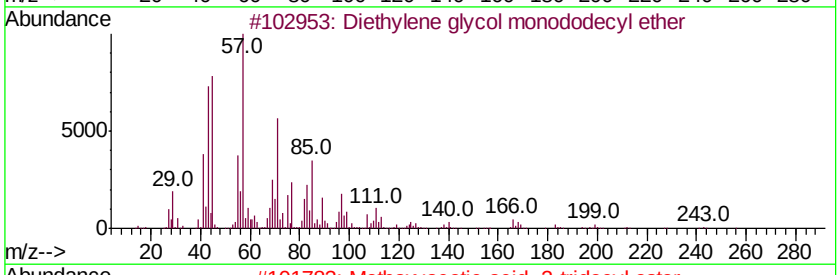
Peak Number 30 Diethylene glycol monododec... Concentration Rank 14

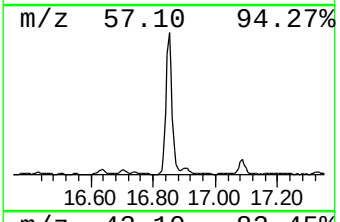
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.85 | 77.21 ng/ul | 9097650 | Phenanthrene-d10 | 17.14 |

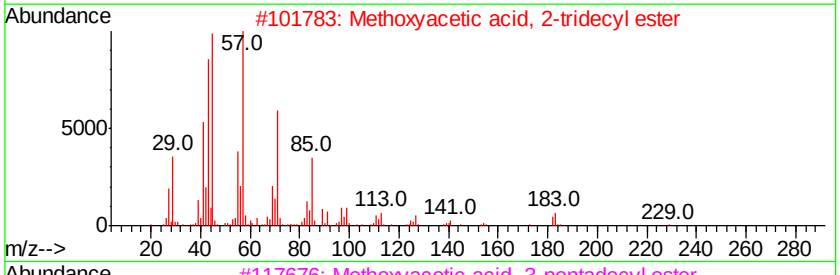
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethylene glycol monododecyl ether | 274 | C16H34O3 | 003055-93-4 | 74 |
| 2 | Methoxyacetic acid, 2-tridecyl e... | 272 | C16H32O3 | 1000282-04-5 | 49 |
| 3 | Methoxyacetic acid, 3-pentadecyl... | 300 | C18H36O3 | 1000282-05-2 | 47 |
| 4 | 2-Dodecanol | 186 | C12H26O | 010203-28-8 | 35 |
| 5 | Octadecane, 1-(ethenyloxy)- | 296 | C20H40O | 000930-02-9 | 18 |

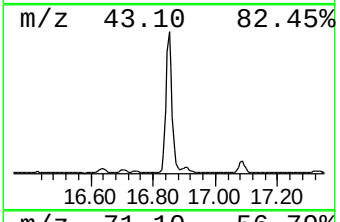


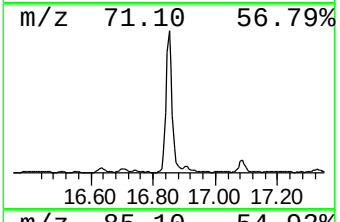



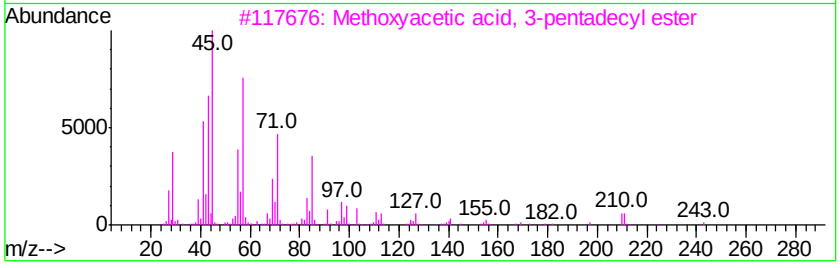



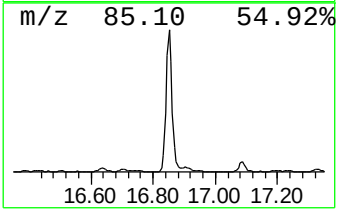



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

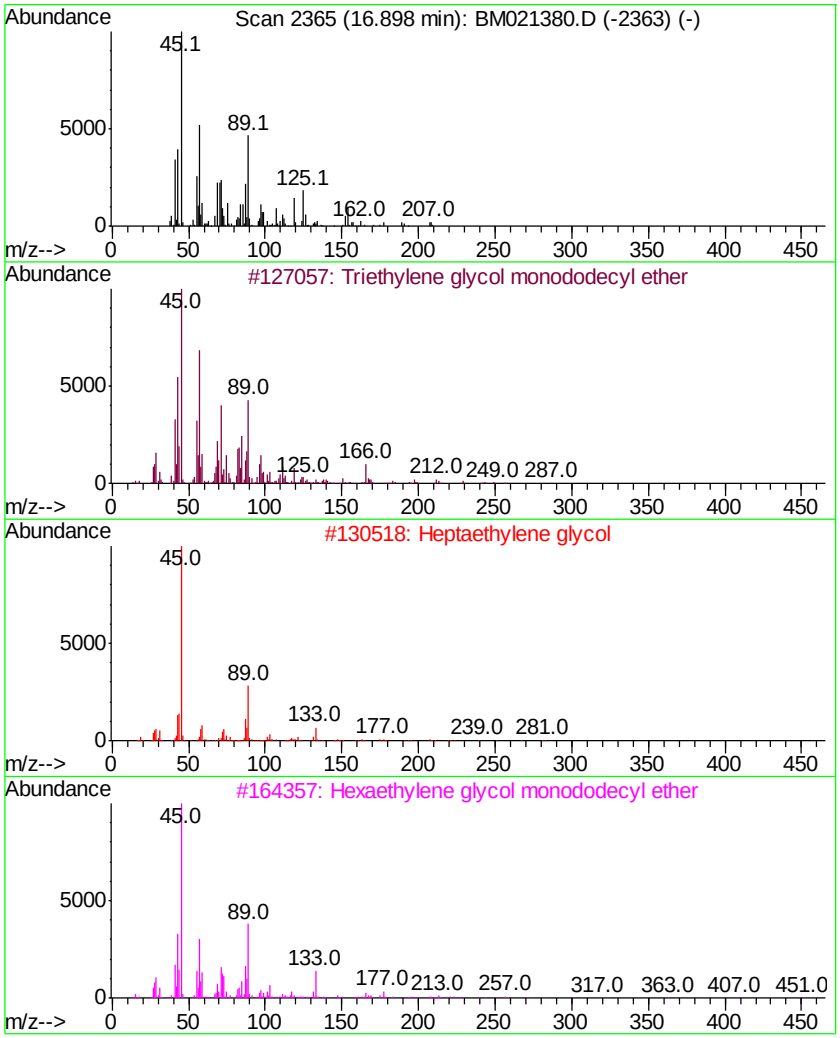
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

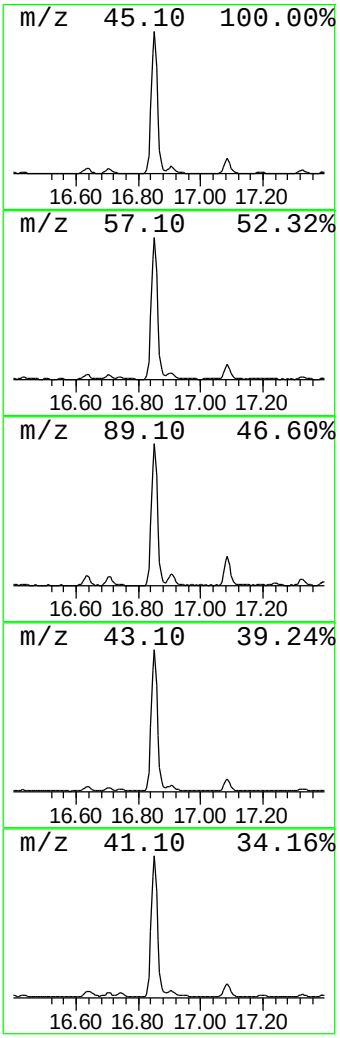
**********

Peak Number 31 Heptaethylene glycol Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.90 | 4.66 ng/ul | 549555 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triethylene glycol monododecyl e... | 318 | C18H38O4 | 003055-94-5 | 53 |
| 2 | Heptaethylene glycol | 326 | C14H30O8 | 005617-32-3 | 50 |
| 3 | Hexaethylene glycol monododecyl ... | 450 | C24H50O7 | 003055-96-7 | 50 |
| 4 | 2-Tetradecanol | 214 | C14H30O | 004706-81-4 | 43 |
| 5 | 1,4,7,10,13,16-Hexaoxacyclooctad... | 264 | C12H24O6 | 017455-13-9 | 40 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

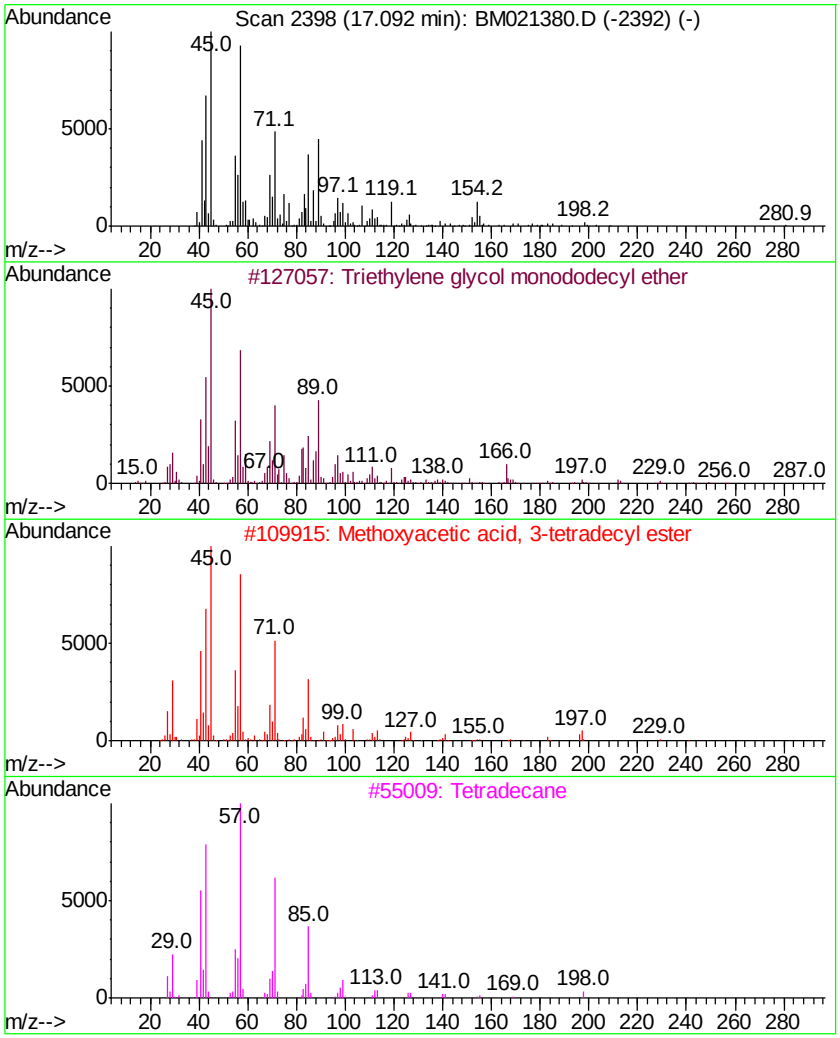
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

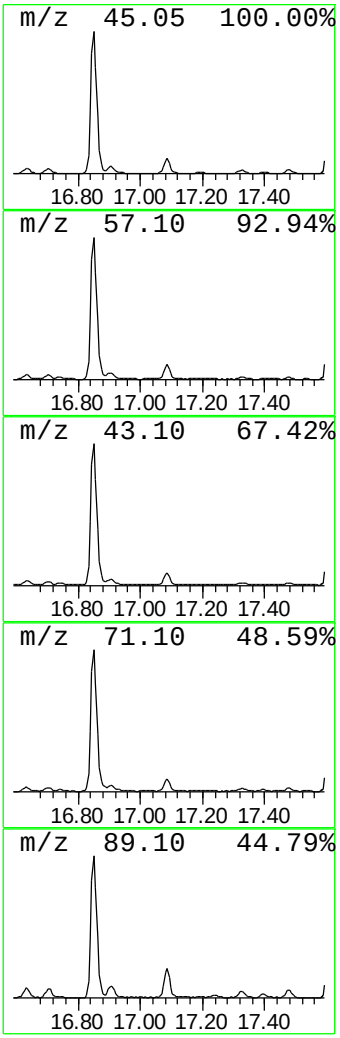
**********

Peak Number 32 Methoxyacetic acid, 3-tetra... Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.09 | 6.98 ng/ul | 822259 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triethylene glycol monododecyl e... | 318 | C18H38O4 | 003055-94-5 | 86 |
| 2 | Methoxyacetic acid, 3-tetradecyl... | 286 | C17H34O3 | 1000282-04-9 | 52 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 43 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 35 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 35 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

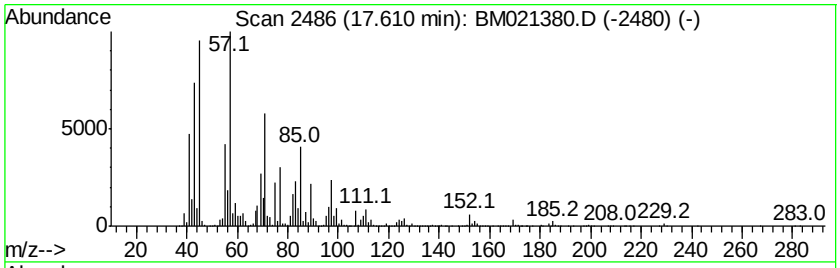
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

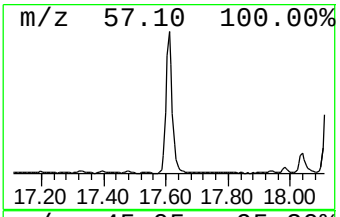
**********

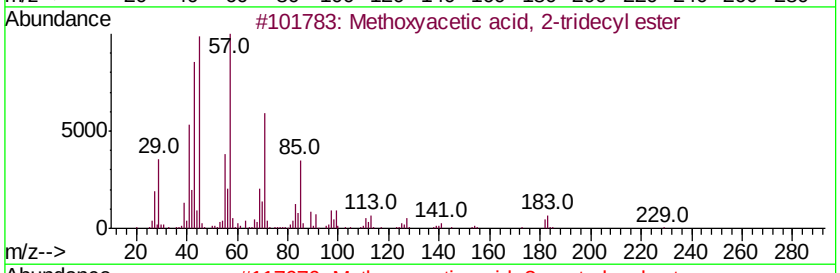
Peak Number 33 Methoxyacetic acid, 3-penta... Concentration Rank 16

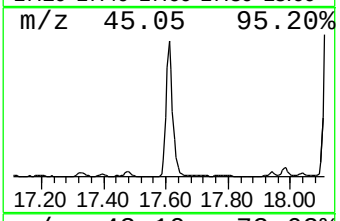
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.61 | 68.71 ng/ul | 8095530 | Phenanthrene-d10 | 17.14 |

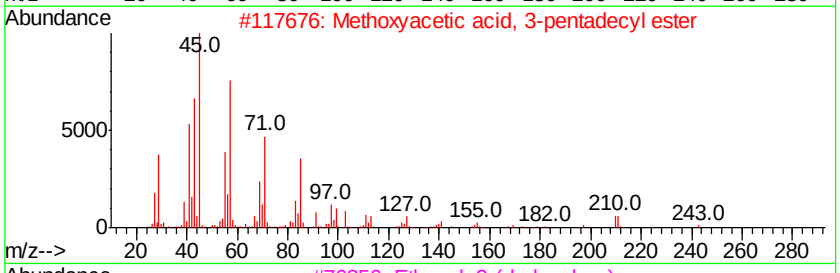
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methoxyacetic acid, 2-tridecyl e... | 272 | C16H32O3 | 1000282-04-5 | 64 |
| 2 | Methoxyacetic acid, 3-pentadecyl... | 300 | C18H36O3 | 1000282-05-2 | 64 |
| 3 | Ethanol, 2-(dodecyloxy)- | 230 | C14H30O2 | 004536-30-5 | 58 |
| 4 | Dodecane, 1-(methoxymethoxy)- | 230 | C14H30O2 | 034458-41-8 | 43 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 38 |

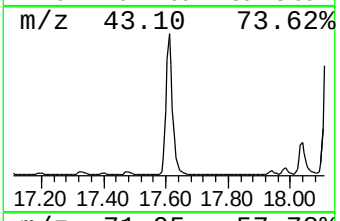


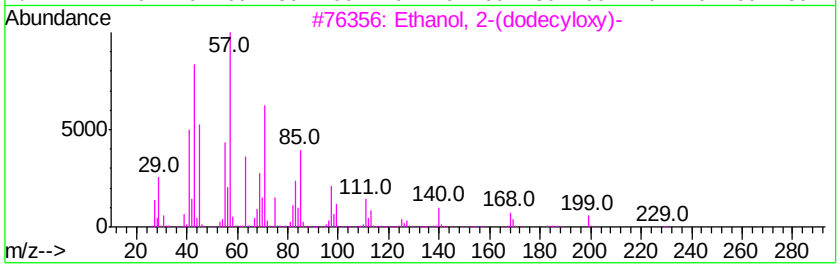



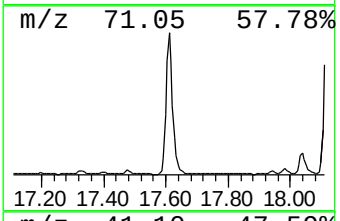



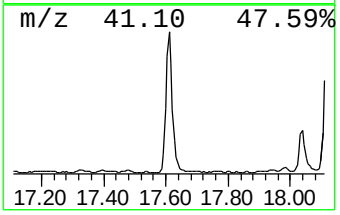



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

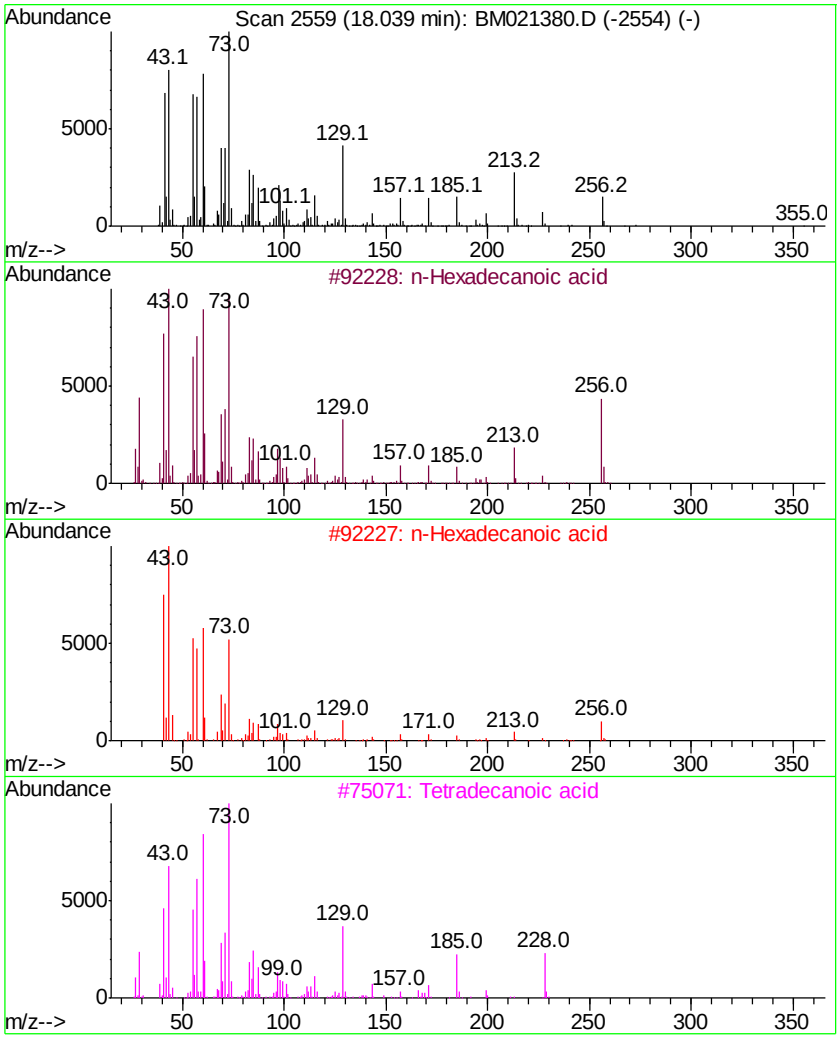
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

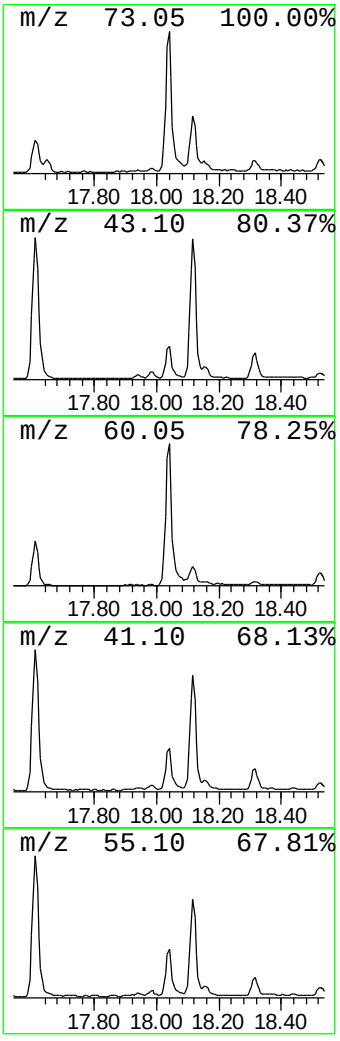
**********

Peak Number 35 n-Hexadecanoic acid Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.04 | 17.33 ng/ul | 2042210 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 94 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 81 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 80 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

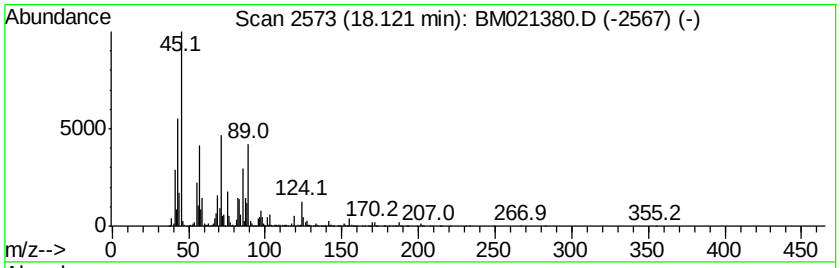
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

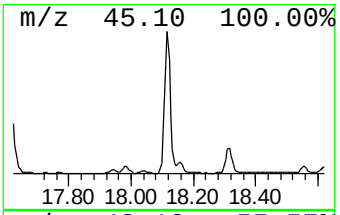
**********

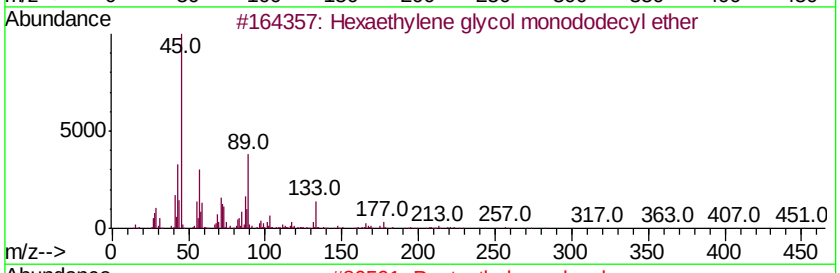
Peak Number 36 Pentaethylene glycol Concentration Rank 20

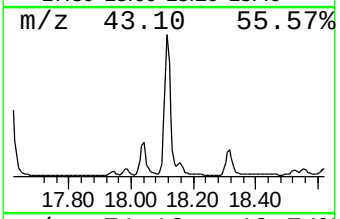
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.12 | 58.79 ng/ul | 6926760 | Phenanthrene-d10 | 17.14 |

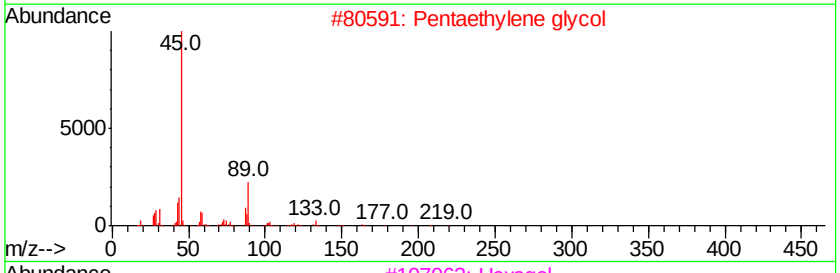
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexaethylene glycol monododecyl ... | 450 | C24H50O7 | 003055-96-7 | 53 |
| 2 | Pentaethylene glycol | 238 | C10H22O6 | 004792-15-8 | 52 |
| 3 | Hexagol | 282 | C12H26O7 | 002615-15-8 | 50 |
| 4 | Hexagol | 282 | C12H26O7 | 002615-15-8 | 50 |
| 5 | Ethanol, 2-[2-(2-butoxyethoxy)et... | 206 | C10H22O4 | 000143-22-6 | 47 |

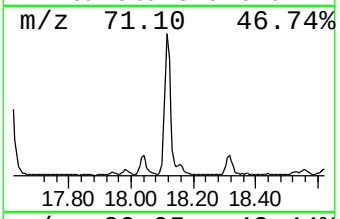


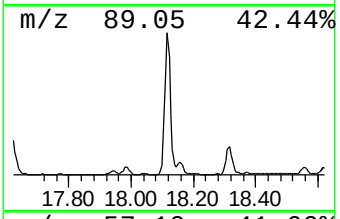



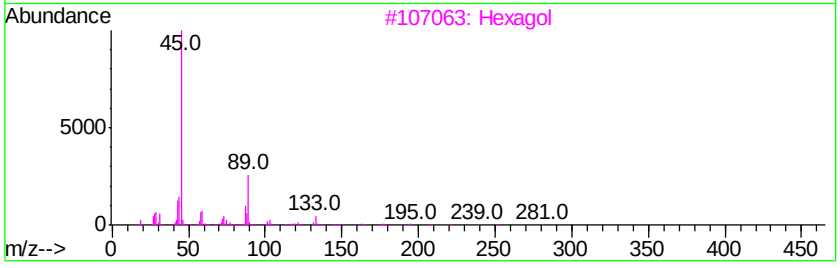



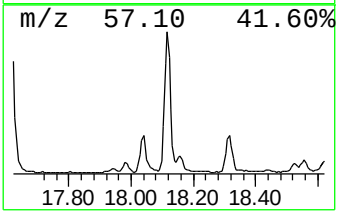



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

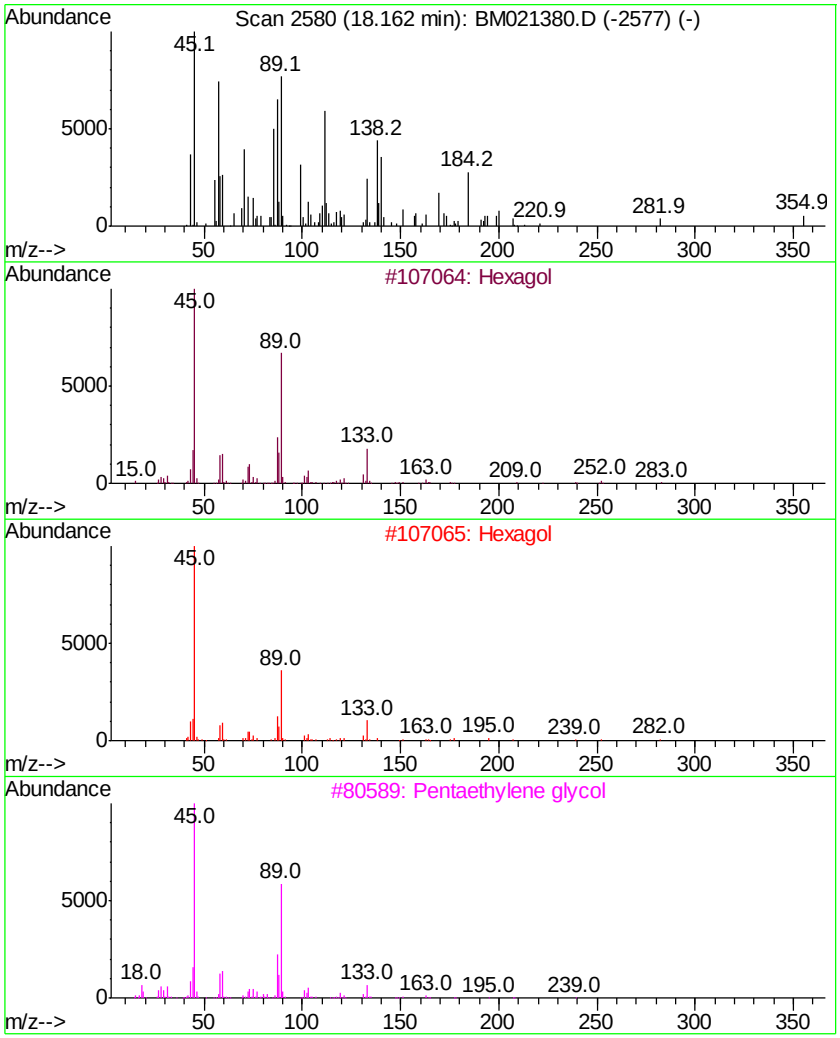
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

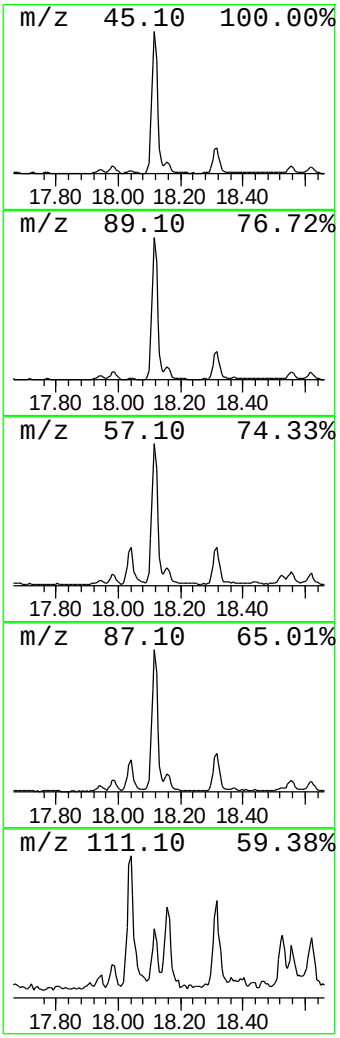
**********

Peak Number 37 unknown-07 Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.16 | 6.04 ng/ul | 711254 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexagol | 282 | C12H26O7 | 002615-15-8 | 43 |
| 2 | Hexagol | 282 | C12H26O7 | 002615-15-8 | 41 |
| 3 | Pentaethylene glycol | 238 | C10H22O6 | 004792-15-8 | 38 |
| 4 | Pentaethylene glycol | 238 | C10H22O6 | 004792-15-8 | 38 |
| 5 | Pentaethylene glycol | 238 | C10H22O6 | 004792-15-8 | 35 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

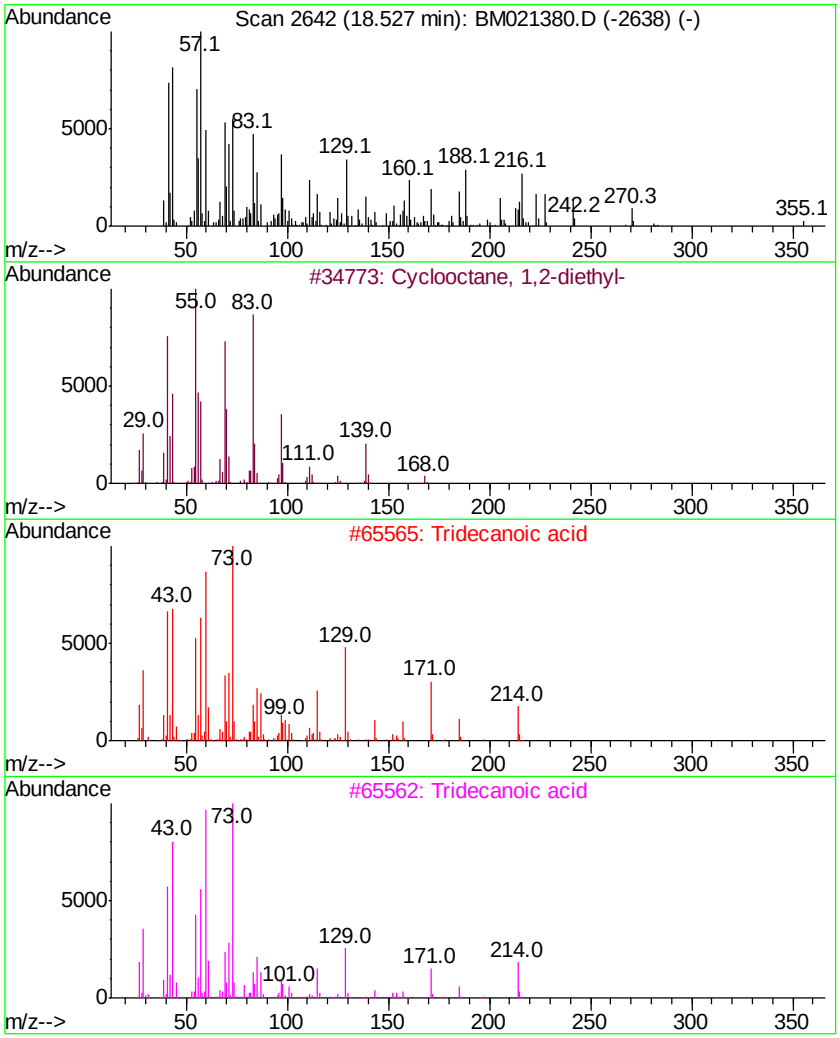
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

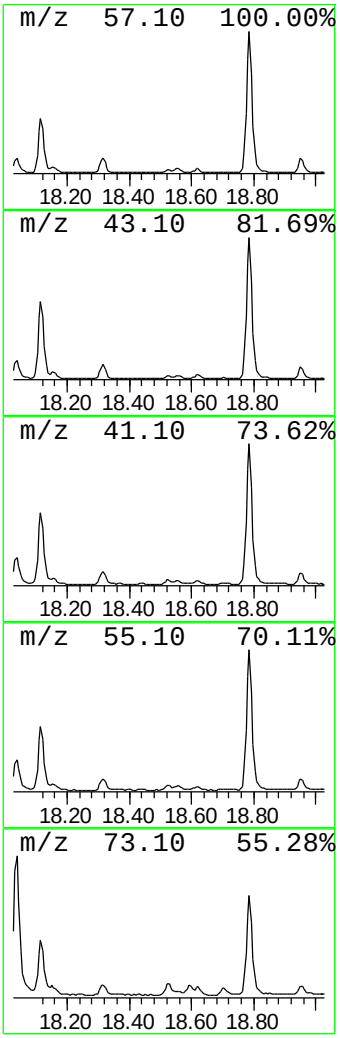
**********

Peak Number 40 (DEL) Alkane: Cyclic18.53 Concentration Rank 72

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.53 | 2.85 ng/ul | 335211 | Phenanthrene-d10 | 17.14 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclooctane, 1,2-diethyl- | 168 | C12H24 | 023609-46-3 | 56 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 42 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 42 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 38 |
| 5 | 3-Hexadecene, (Z)- | 224 | C16H32 | 034303-81-6 | 35 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

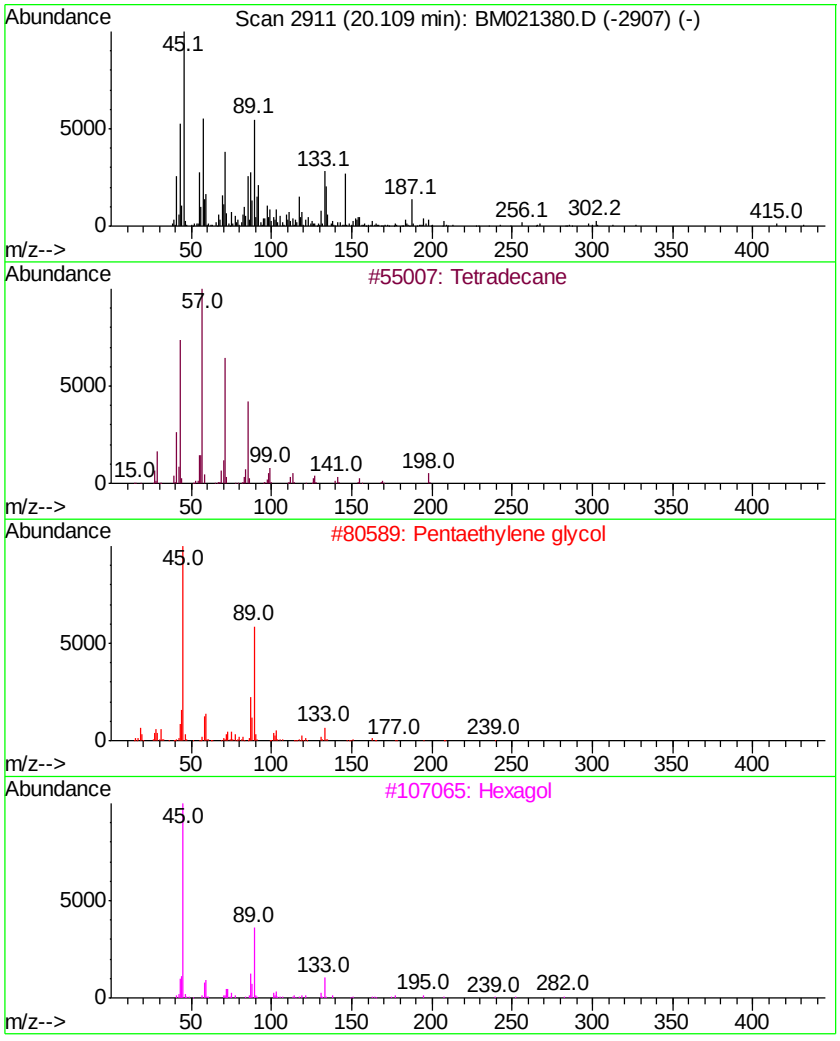
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

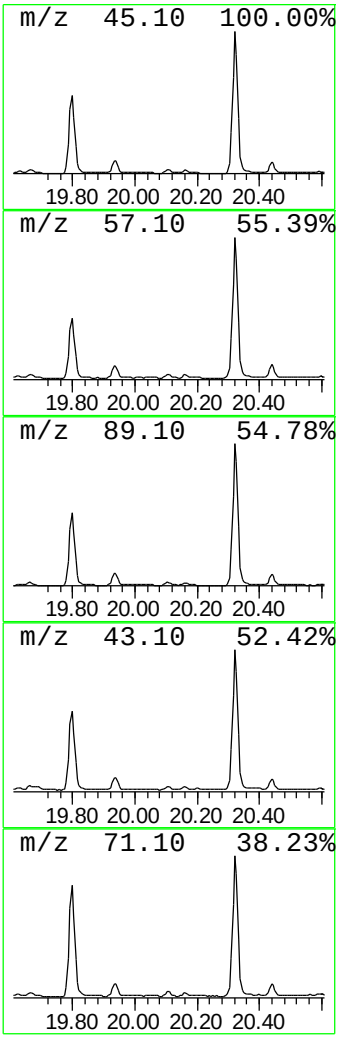
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.11 | 3.77 ng/ul | 515260 | Chrysene-d12 | 21.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 45 |
| 2 | Pentaethylene glycol | 238 | C10H22O6 | 004792-15-8 | 38 |
| 3 | Hexagol | 282 | C12H26O7 | 002615-15-8 | 38 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 25 |
| 5 | 2-Methylseleno-3-benzo[b]thiophe... | 256 | C10H8OSSe | 039857-07-3 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

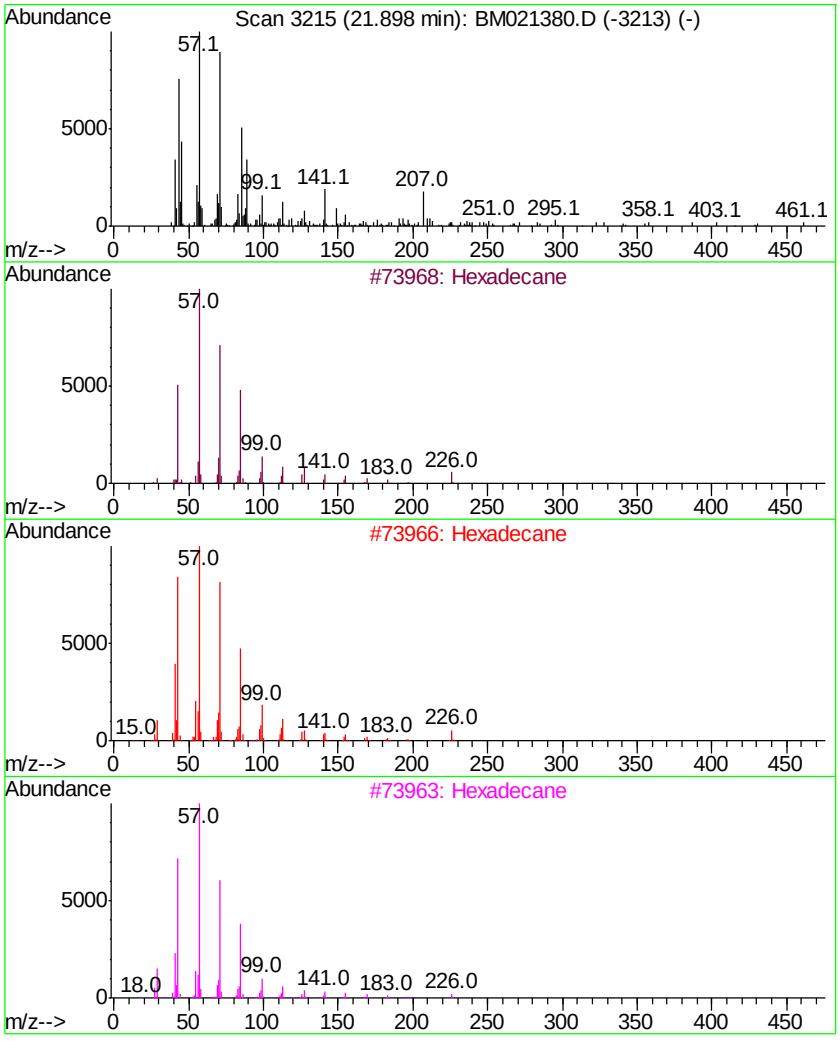
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

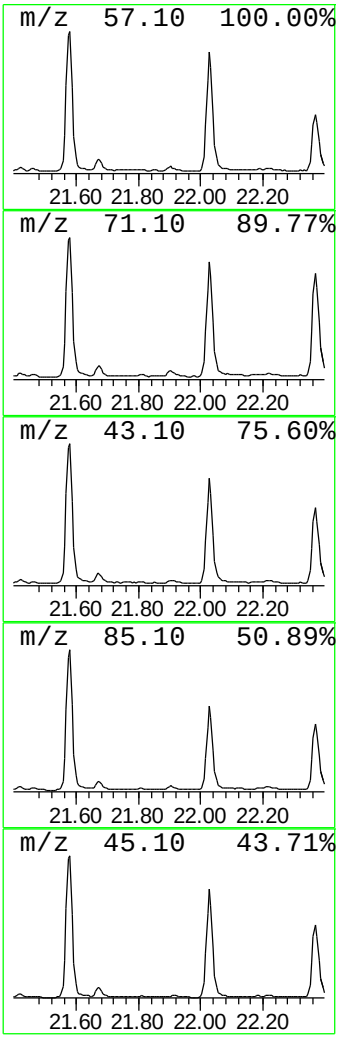
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.90 | 3.15 ng/ul | 429805 | Chrysene-d12 | 21.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 70 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 60 |
| 4 | Docosane | 310 | C22H46 | 000629-97-0 | 53 |
| 5 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070319\
Data File : BM021380.D
Acq On : 03 Jul 2019 23:50
Operator : HP/JU
Sample : K3596-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JLJH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Cyclotrisiloxane,... | 4.39 | 6.3 | ng/ul | 412985 | 1 | 7.75 | 1299830 | 20.0 |
| unknown-01 | 5.24 | 15.9 | ng/ul | 1035020 | 1 | 7.75 | 1299830 | 20.0 |
| Ethanol, 2-butoxy- | 5.92 | 1099.5 | ng/ul | 71457800 | 1 | 7.75 | 1299830 | 20.0 |
| Butoxyacetic acid | 8.75 | 26.1 | ng/ul | 1696170 | 1 | 7.75 | 1299830 | 20.0 |
| 1-Nonanol | 10.06 | 7.5 | ng/ul | 655556 | 2 | 10.53 | 1751060 | 20.0 |
| Ethanol, 2-(2-but... | 10.32 | 11.7 | ng/ul | 1022160 | 2 | 10.53 | 1751060 | 20.0 |
| (DEL) Alkane: Str... | 10.90 | 4.5 | ng/ul | 390910 | 2 | 10.53 | 1751060 | 20.0 |
| 2-Isopropyl-5-met... | 10.97 | 7.6 | ng/ul | 669230 | 2 | 10.53 | 1751060 | 20.0 |
| Nonanoic acid | 11.35 | 4.7 | ng/ul | 410442 | 2 | 10.53 | 1751060 | 20.0 |
| (DEL) Alkane: Cyc... | 11.56 | 13.5 | ng/ul | 1182340 | 2 | 10.53 | 1751060 | 20.0 |
| 3-Methyl-4-isopro... | 11.85 | 20.0 | ng/ul | 1754750 | 2 | 10.53 | 1751060 | 20.0 |
| (DEL) Alkane: Cyc... | 12.03 | 4.1 | ng/ul | 357169 | 2 | 10.53 | 1751060 | 20.0 |
| unknown-02 | 12.11 | 4.1 | ng/ul | 356008 | 2 | 10.53 | 1751060 | 20.0 |
| (DEL) Alkane: Cyc... | 12.32 | 4.9 | ng/ul | 427497 | 2 | 10.53 | 1751060 | 20.0 |
| 2-Methyl-1-undecanol | 12.39 | 9.3 | ng/ul | 816772 | 2 | 10.53 | 1751060 | 20.0 |
| (DEL) Alkane: Str... | 12.61 | 2.6 | ng/ul | 329708 | 3 | 14.39 | 2493660 | 20.0 |
| n-Decanoic acid | 12.68 | 7.0 | ng/ul | 866568 | 3 | 14.39 | 2493660 | 20.0 |
| 2,2,4-Trimethyl-1... | 12.73 | 2.4 | ng/ul | 293607 | 3 | 14.39 | 2493660 | 20.0 |
| (DEL) Alkane: Cyc... | 12.90 | 6.0 | ng/ul | 752829 | 3 | 14.39 | 2493660 | 20.0 |
| (DEL) Alkane: Cyc... | 13.35 | 18.9 | ng/ul | 2355020 | 3 | 14.39 | 2493660 | 20.0 |
| (DEL) Alkane: Str... | 14.44 | 34.7 | ng/ul | 4325790 | 3 | 14.39 | 2493660 | 20.0 |
| unknown-03 | 15.45 | 4.1 | ng/ul | 514011 | 3 | 14.39 | 2493660 | 20.0 |
| unknown-04 | 15.93 | 4.4 | ng/ul | 514001 | 4 | 17.14 | 2356470 | 20.0 |
| (DEL) Alkane: Str... | 16.03 | 39.4 | ng/ul | 4642840 | 4 | 17.14 | 2356470 | 20.0 |
| Methoxyacetic aci... | 16.12 | 4.3 | ng/ul | 509221 | 4 | 17.14 | 2356470 | 20.0 |
| unknown-05 | 16.30 | 10.0 | ng/ul | 1180770 | 4 | 17.14 | 2356470 | 20.0 |
| unknown-06 | 16.64 | 4.2 | ng/ul | 493414 | 4 | 17.14 | 2356470 | 20.0 |
| Triethylene glyco... | 16.70 | 2.6 | ng/ul | 304465 | 4 | 17.14 | 2356470 | 20.0 |
| Diethylene glycol... | 16.85 | 77.2 | ng/ul | 9097650 | 4 | 17.14 | 2356470 | 20.0 |
| Heptaethylene glycol | 16.90 | 4.7 | ng/ul | 549555 | 4 | 17.14 | 2356470 | 20.0 |
| Methoxyacetic aci... | 17.09 | 7.0 | ng/ul | 822259 | 4 | 17.14 | 2356470 | 20.0 |
| Methoxyacetic aci... | 17.61 | 68.7 | ng/ul | 8095530 | 4 | 17.14 | 2356470 | 20.0 |
| n-Hexadecanoic acid | 18.04 | 17.3 | ng/ul | 2042210 | 4 | 17.14 | 2356470 | 20.0 |
| Pentaethylene glycol | 18.12 | 58.8 | ng/ul | 6926760 | 4 | 17.14 | 2356470 | 20.0 |
| unknown-07 | 18.16 | 6.0 | ng/ul | 711254 | 4 | 17.14 | 2356470 | 20.0 |
| (DEL) Alkane: Cyc... | 18.53 | 2.9 | ng/ul | 335211 | 4 | 17.14 | 2356470 | 20.0 |
| (DEL) Alkane: Str... | 20.11 | 3.8 | ng/ul | 515260 | 5 | 21.33 | 2731370 | 20.0 |
| (DEL) Alkane: Str... | 21.90 | 3.1 | ng/ul | 429805 | 5 | 21.33 | 2731370 | 20.0 |