LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

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-BM011520MA.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 | 3.063 | 26 | 30 | 43 | rVB | 45374 | 75360 | 1.14% | 0.099% |
| 2 | 3.334 | 74 | 76 | 78 | rBV3 | 9962 | 7692 | 0.12% | 0.010% |
| 3 | 3.681 | 130 | 135 | 138 | rVB6 | 11320 | 18575 | 0.28% | 0.025% |
| 4 | 3.757 | 147 | 148 | 155 | rVB2 | 7787 | 10221 | 0.16% | 0.013% |
| 5 | 4.110 | 205 | 208 | 214 | rVB7 | 19631 | 29000 | 0.44% | 0.038% |
| 6 | 4.646 | 296 | 299 | 305 | rVB4 | 10357 | 17714 | 0.27% | 0.023% |
| 7 | 4.969 | 352 | 354 | 360 | rVB5 | 4486 | 7131 | 0.11% | 0.009% |
| 8 | 5.028 | 360 | 364 | 370 | rBV6 | 18191 | 27402 | 0.42% | 0.036% |
| 9 | 6.510 | 609 | 616 | 622 | rBV2 | 44958 | 83945 | 1.27% | 0.111% |
| 10 | 6.646 | 633 | 639 | 652 | rVB | 804514 | 1321678 | 20.07% | 1.743% |
| 11 | 6.810 | 660 | 667 | 677 | rBV | 593981 | 915582 | 13.90% | 1.208% |
| 12 | 6.998 | 692 | 699 | 708 | rBV | 909440 | 1415935 | 21.50% | 1.868% |
| 13 | 7.457 | 770 | 777 | 786 | rBV | 829573 | 1259655 | 19.13% | 1.662% |
| 14 | 7.545 | 786 | 792 | 798 | rVB2 | 58238 | 85119 | 1.29% | 0.112% |
| 15 | 8.063 | 878 | 880 | 886 | rVB6 | 6007 | 10086 | 0.15% | 0.013% |
| 16 | 8.169 | 891 | 898 | 911 | rBV | 1095239 | 1761880 | 26.75% | 2.324% |
| 17 | 8.592 | 963 | 970 | 986 | rBV | 889815 | 1434684 | 21.78% | 1.892% |
| 18 | 8.745 | 992 | 996 | 999 | rBV5 | 6204 | 7404 | 0.11% | 0.010% |
| 19 | 8.792 | 999 | 1004 | 1009 | rVB5 | 9763 | 16180 | 0.25% | 0.021% |
| 20 | 9.104 | 1051 | 1057 | 1062 | rVB | 19242 | 31738 | 0.48% | 0.042% |
| 21 | 9.310 | 1083 | 1092 | 1100 | rBV | 813168 | 1270504 | 19.29% | 1.676% |
| 22 | 9.392 | 1104 | 1106 | 1110 | rVB4 | 5741 | 7626 | 0.12% | 0.010% |
| 23 | 9.575 | 1133 | 1137 | 1144 | rVV5 | 11000 | 17483 | 0.27% | 0.023% |
| 24 | 9.657 | 1146 | 1151 | 1157 | rBV6 | 5026 | 7546 | 0.11% | 0.010% |
| 25 | 9.845 | 1176 | 1183 | 1198 | rBV | 1256627 | 2019291 | 30.66% | 2.664% |
| 26 | 10.216 | 1238 | 1246 | 1252 | rBV | 1212712 | 1921117 | 29.17% | 2.534% |
| 27 | 10.263 | 1252 | 1254 | 1262 | rVB | 19184 | 28684 | 0.44% | 0.038% |
| 28 | 10.351 | 1262 | 1269 | 1284 | rBV | 907906 | 1594691 | 24.21% | 2.103% |
| 29 | 10.528 | 1296 | 1299 | 1304 | rVB6 | 4611 | 8902 | 0.14% | 0.012% |
| 30 | 11.039 | 1383 | 1386 | 1391 | rVB4 | 13795 | 20298 | 0.31% | 0.027% |
| 31 | 11.186 | 1405 | 1411 | 1415 | rVB5 | 8786 | 12992 | 0.20% | 0.017% |
| 32 | 11.816 | 1511 | 1518 | 1525 | rBV2 | 19960 | 33743 | 0.51% | 0.045% |
| 33 | 11.892 | 1525 | 1531 | 1536 | rVB | 20864 | 32088 | 0.49% | 0.042% |
| 34 | 12.110 | 1564 | 1568 | 1576 | rVB3 | 10430 | 17804 | 0.27% | 0.023% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

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-BM011520MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.286 | 1591 | 1598 | 1605 | rBV6 | 11692 | 21120 | 0.32% | 0.028% |
| 36 | 12.357 | 1605 | 1610 | 1614 | rBV2 | 10651 | 15740 | 0.24% | 0.021% |
| 37 | 12.469 | 1623 | 1629 | 1635 | rBV2 | 22168 | 31978 | 0.49% | 0.042% |
| 38 | 12.569 | 1641 | 1646 | 1650 | rVB4 | 8719 | 12898 | 0.20% | 0.017% |
| 39 | 12.722 | 1668 | 1672 | 1677 | rBV2 | 27178 | 42209 | 0.64% | 0.056% |
| 40 | 12.969 | 1710 | 1714 | 1717 | rVB4 | 7052 | 8918 | 0.14% | 0.012% |
| 41 | 13.028 | 1721 | 1724 | 1729 | rBV3 | 7089 | 9932 | 0.15% | 0.013% |
| 42 | 13.351 | 1775 | 1779 | 1783 | rBV4 | 5248 | 7885 | 0.12% | 0.010% |
| 43 | 13.422 | 1787 | 1791 | 1796 | rVB5 | 5636 | 10499 | 0.16% | 0.014% |
| 44 | 13.527 | 1803 | 1809 | 1813 | rBV | 2491434 | 3332513 | 50.60% | 4.396% |
| 45 | 13.575 | 1813 | 1817 | 1824 | rVB | 631282 | 825936 | 12.54% | 1.089% |
| 46 | 13.792 | 1846 | 1854 | 1865 | rBV | 2583618 | 3839929 | 58.30% | 5.065% |
| 47 | 14.057 | 1894 | 1899 | 1901 | rBV3 | 8452 | 10376 | 0.16% | 0.014% |
| 48 | 14.104 | 1901 | 1907 | 1914 | rVB | 2056401 | 2956664 | 44.89% | 3.900% |
| 49 | 14.316 | 1935 | 1943 | 1957 | rBV | 1029717 | 1581024 | 24.00% | 2.085% |
| 50 | 14.539 | 1977 | 1981 | 1984 | rBV3 | 14241 | 19062 | 0.29% | 0.025% |
| 51 | 14.957 | 2046 | 2052 | 2056 | rBV4 | 19750 | 27653 | 0.42% | 0.036% |
| 52 | 15.016 | 2056 | 2062 | 2066 | rVB5 | 10143 | 15464 | 0.23% | 0.020% |
| 53 | 15.104 | 2071 | 2077 | 2091 | rBV | 3539931 | 4893304 | 74.29% | 6.455% |
| 54 | 15.221 | 2091 | 2097 | 2108 | rBV | 1005631 | 1423257 | 21.61% | 1.877% |
| 55 | 15.345 | 2113 | 2118 | 2122 | rVB3 | 36436 | 51754 | 0.79% | 0.068% |
| 56 | 15.574 | 2153 | 2157 | 2161 | rVB4 | 6726 | 8340 | 0.13% | 0.011% |
| 57 | 15.892 | 2204 | 2211 | 2215 | rBV8 | 18643 | 35241 | 0.54% | 0.046% |
| 58 | 16.304 | 2277 | 2281 | 2285 | rBV4 | 15450 | 21521 | 0.33% | 0.028% |
| 59 | 16.645 | 2334 | 2339 | 2342 | rBV3 | 29545 | 43536 | 0.66% | 0.057% |
| 60 | 16.857 | 2368 | 2375 | 2385 | rVV | 2599445 | 3754480 | 57.00% | 4.952% |
| 61 | 16.951 | 2385 | 2391 | 2405 | rVV | 3834094 | 5359285 | 81.37% | 7.069% |
| 62 | 17.068 | 2405 | 2411 | 2417 | rVV7 | 14736 | 23592 | 0.36% | 0.031% |
| 63 | 17.286 | 2444 | 2448 | 2454 | rVB5 | 14833 | 20826 | 0.32% | 0.027% |
| 64 | 17.415 | 2466 | 2470 | 2473 | rBV4 | 6281 | 7061 | 0.11% | 0.009% |
| 65 | 17.551 | 2490 | 2493 | 2495 | rBV4 | 7309 | 7815 | 0.12% | 0.010% |
| 66 | 17.574 | 2495 | 2497 | 2502 | rVB5 | 6170 | 7321 | 0.11% | 0.010% |
| 67 | 17.668 | 2509 | 2513 | 2516 | rBV5 | 7244 | 13163 | 0.20% | 0.017% |
| 68 | 17.804 | 2529 | 2536 | 2553 | rBV | 1632765 | 2343405 | 35.58% | 3.091% |
| 69 | 18.039 | 2573 | 2576 | 2580 | rVB | 76957 | 84144 | 1.28% | 0.111% |
| 70 | 18.104 | 2584 | 2587 | 2592 | rVB5 | 13427 | 20905 | 0.32% | 0.028% |
| 71 | 18.233 | 2606 | 2609 | 2613 | rVB5 | 12614 | 13754 | 0.21% | 0.018% |

LSC Area Percent Report

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Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

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-BM011520MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 18.474 | 2646 | 2650 | 2654 | rBV6 | 14279 | 19392 | 0.29% | 0.026% |
| 73 | 18.609 | 2670 | 2673 | 2678 | rVB7 | 10038 | 11264 | 0.17% | 0.015% |
| 74 | 18.662 | 2678 | 2682 | 2686 | rBV7 | 17158 | 24018 | 0.36% | 0.032% |
| 75 | 18.745 | 2692 | 2696 | 2700 | rVB6 | 17974 | 26498 | 0.40% | 0.035% |
| 76 | 18.886 | 2717 | 2720 | 2724 | rBV | 45641 | 57846 | 0.88% | 0.076% |
| 77 | 18.939 | 2724 | 2729 | 2731 | rBV | 138352 | 189745 | 2.88% | 0.250% |
| 78 | 18.968 | 2731 | 2734 | 2745 | rVB2 | 184373 | 309390 | 4.70% | 0.408% |
| 79 | 19.092 | 2750 | 2755 | 2761 | rVV | 559580 | 745309 | 11.32% | 0.983% |
| 80 | 19.139 | 2761 | 2763 | 2772 | rVB | 76907 | 124678 | 1.89% | 0.164% |
| 81 | 19.256 | 2777 | 2783 | 2793 | rVV | 5074058 | 6586390 | 100.00% | 8.688% |
| 82 | 19.327 | 2793 | 2795 | 2799 | rVB4 | 18804 | 24250 | 0.37% | 0.032% |
| 83 | 19.551 | 2830 | 2833 | 2838 | rVB | 42487 | 52543 | 0.80% | 0.069% |
| 84 | 19.827 | 2877 | 2880 | 2884 | rBV4 | 40145 | 51903 | 0.79% | 0.068% |
| 85 | 19.868 | 2884 | 2887 | 2891 | rVB6 | 26938 | 31926 | 0.48% | 0.042% |
| 86 | 20.086 | 2922 | 2924 | 2928 | rBV5 | 11968 | 12201 | 0.19% | 0.016% |
| 87 | 20.362 | 2969 | 2971 | 2975 | rVB3 | 39117 | 42396 | 0.64% | 0.056% |
| 88 | 20.468 | 2986 | 2989 | 2993 | rBV4 | 22287 | 33205 | 0.50% | 0.044% |
| 89 | 20.821 | 3044 | 3049 | 3055 | rBV | 1474216 | 1913301 | 29.05% | 2.524% |
| 90 | 21.056 | 3084 | 3089 | 3098 | rBV | 3659097 | 4617627 | 70.11% | 6.091% |
| 91 | 21.268 | 3121 | 3125 | 3130 | rBV | 172823 | 199778 | 3.03% | 0.264% |
| 92 | 21.492 | 3160 | 3163 | 3168 | rBV3 | 69202 | 92788 | 1.41% | 0.122% |
| 93 | 21.692 | 3193 | 3197 | 3202 | rBV | 299828 | 386042 | 5.86% | 0.509% |
| 94 | 22.133 | 3268 | 3272 | 3280 | rVB | 295192 | 409518 | 6.22% | 0.540% |
| 95 | 22.609 | 3349 | 3353 | 3358 | rBV | 371357 | 501497 | 7.61% | 0.661% |
| 96 | 23.044 | 3420 | 3427 | 3438 | rVB | 3796149 | 6414534 | 97.39% | 8.461% |
| 97 | 23.174 | 3439 | 3449 | 3460 | rVB | 2467177 | 4943819 | 75.06% | 6.521% |
| 98 | 23.744 | 3542 | 3546 | 3552 | rVB | 320112 | 515082 | 7.82% | 0.679% |
| 99 | 23.809 | 3552 | 3557 | 3566 | rVB3 | 340663 | 640049 | 9.72% | 0.844% |
| 100 | 24.439 | 3659 | 3664 | 3670 | rVB | 225176 | 402862 | 6.12% | 0.531% |

Sum of corrected areas: 75812105

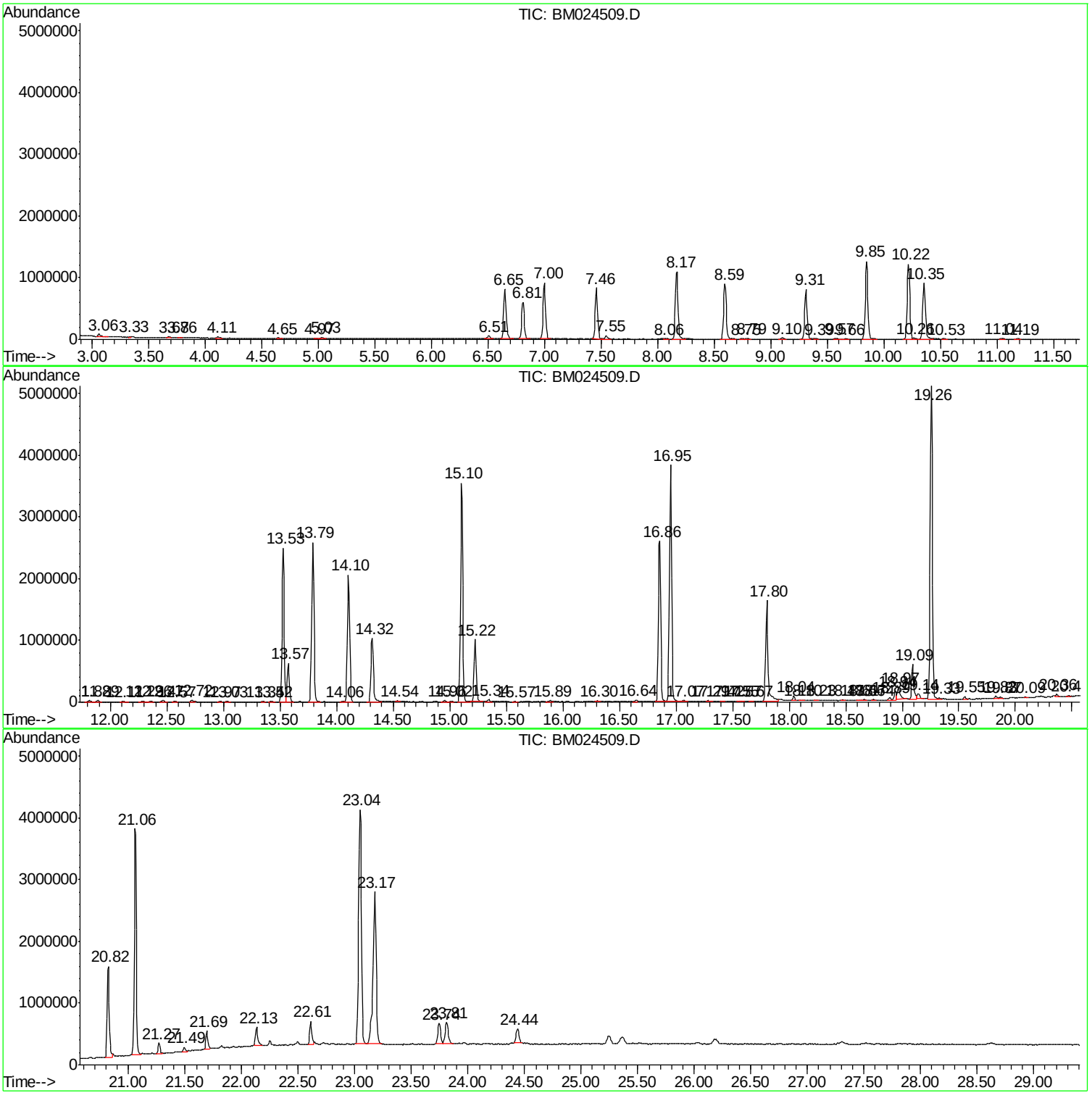
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

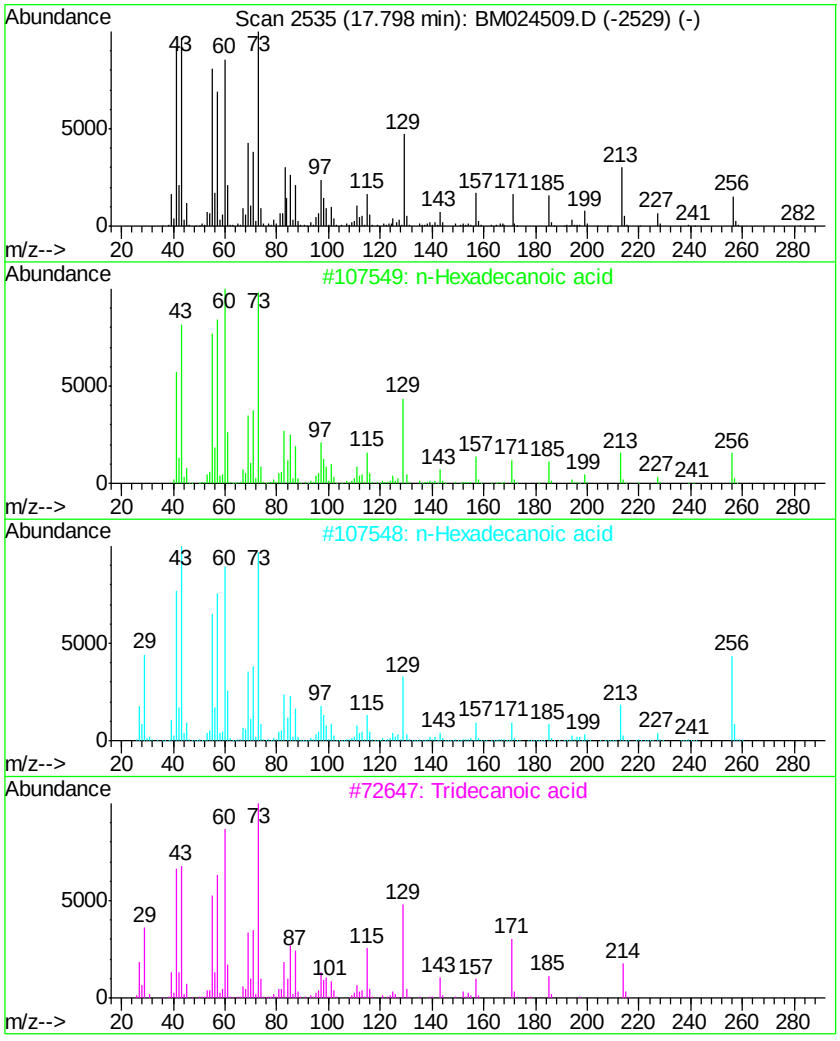
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

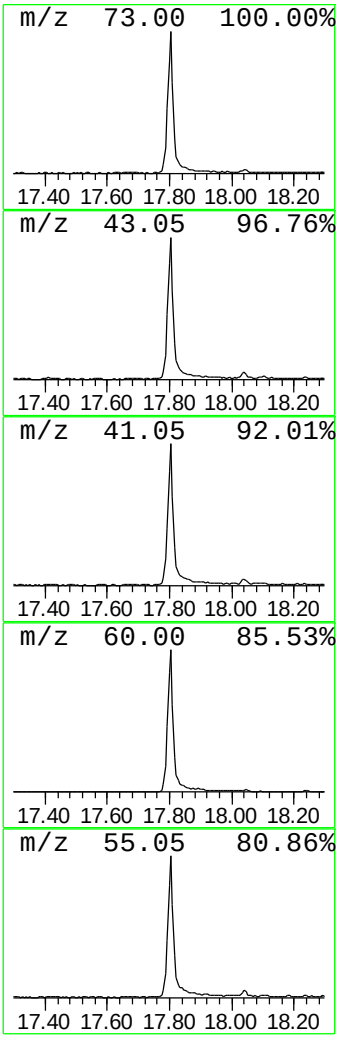
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.80 | 12.48 ng/ul | 2343410 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

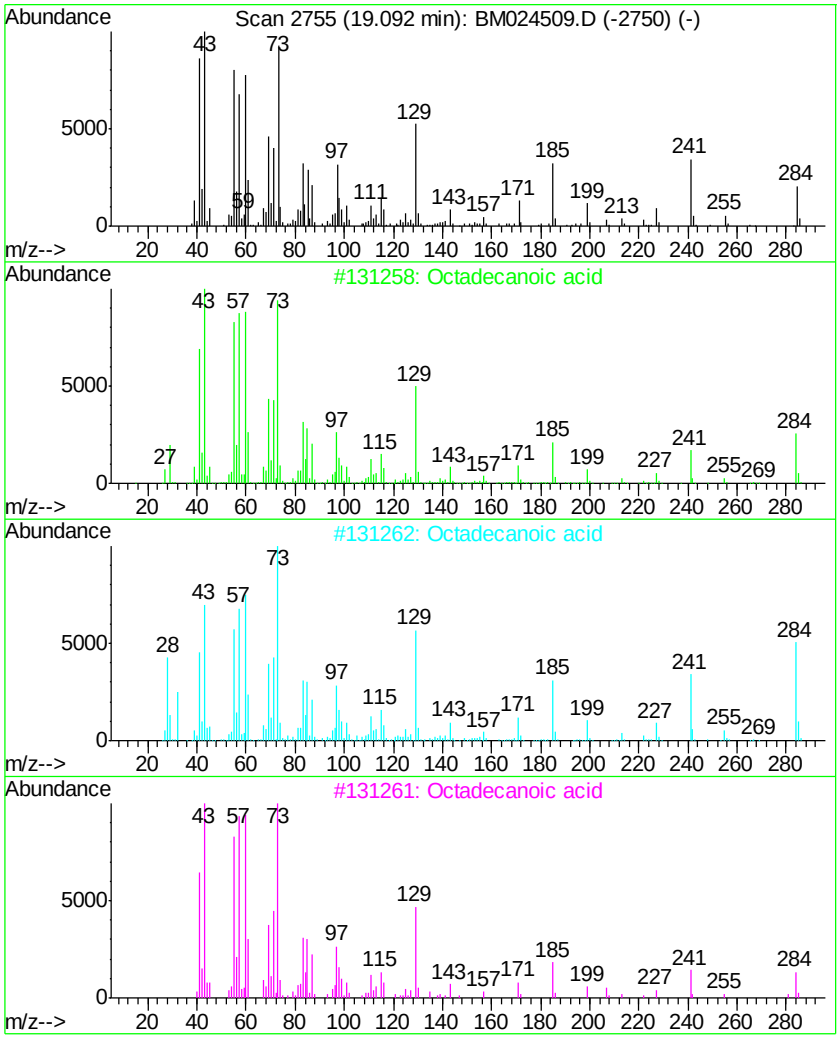
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

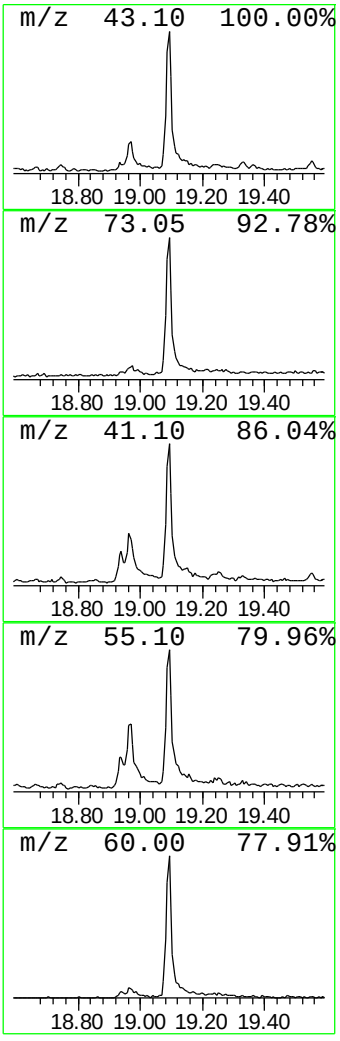
**********

Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.09 | 3.23 ng/ul | 745309 | Chrysene-d12 | 21.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

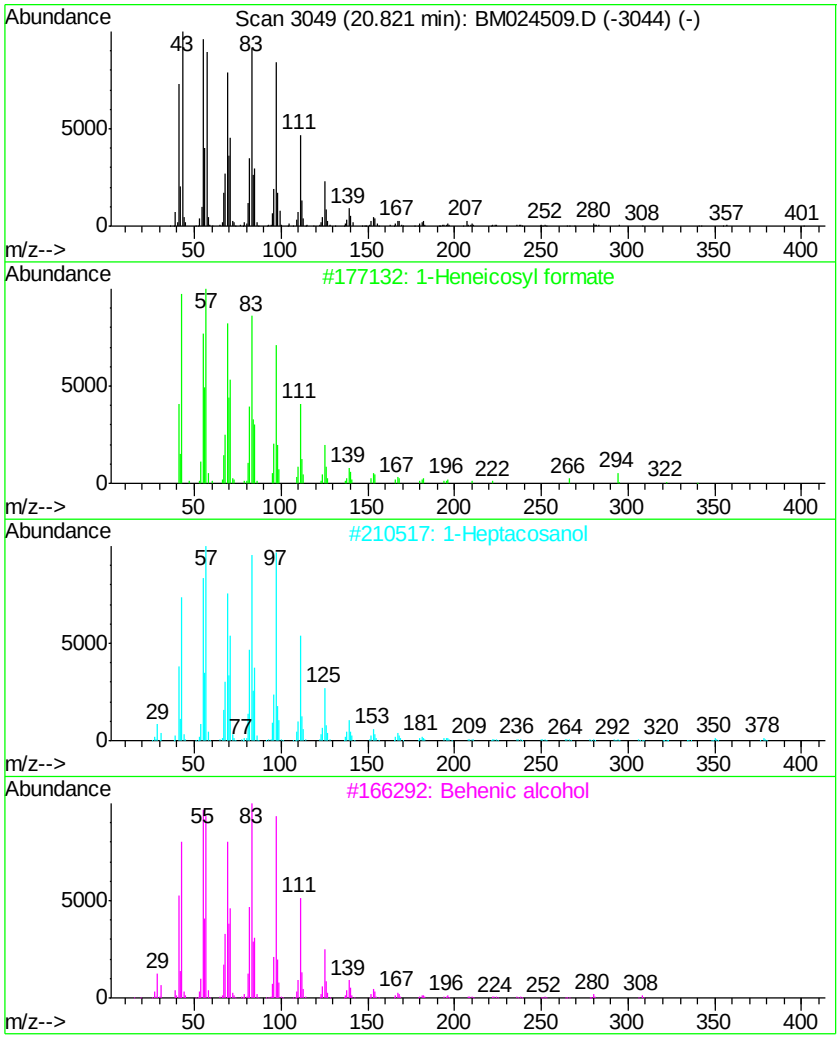
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

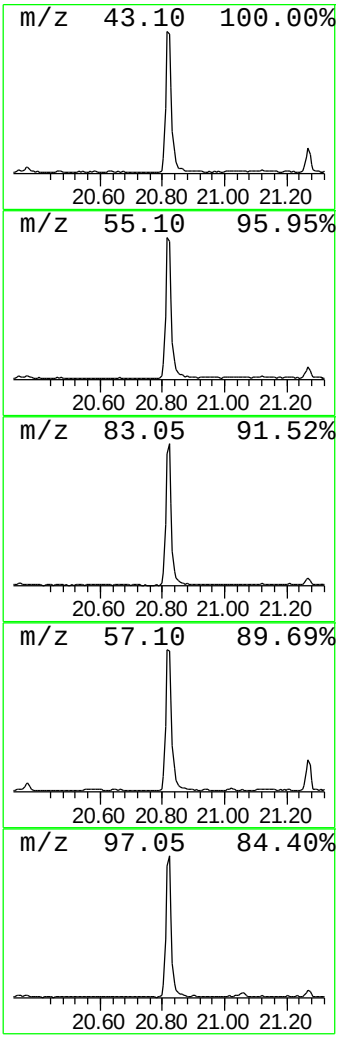
**********

Peak Number 3 1-Heneicosyl formate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.82 | 8.29 ng/ul | 1913300 | Chrysene-d12 | 21.06 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 95 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 5 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

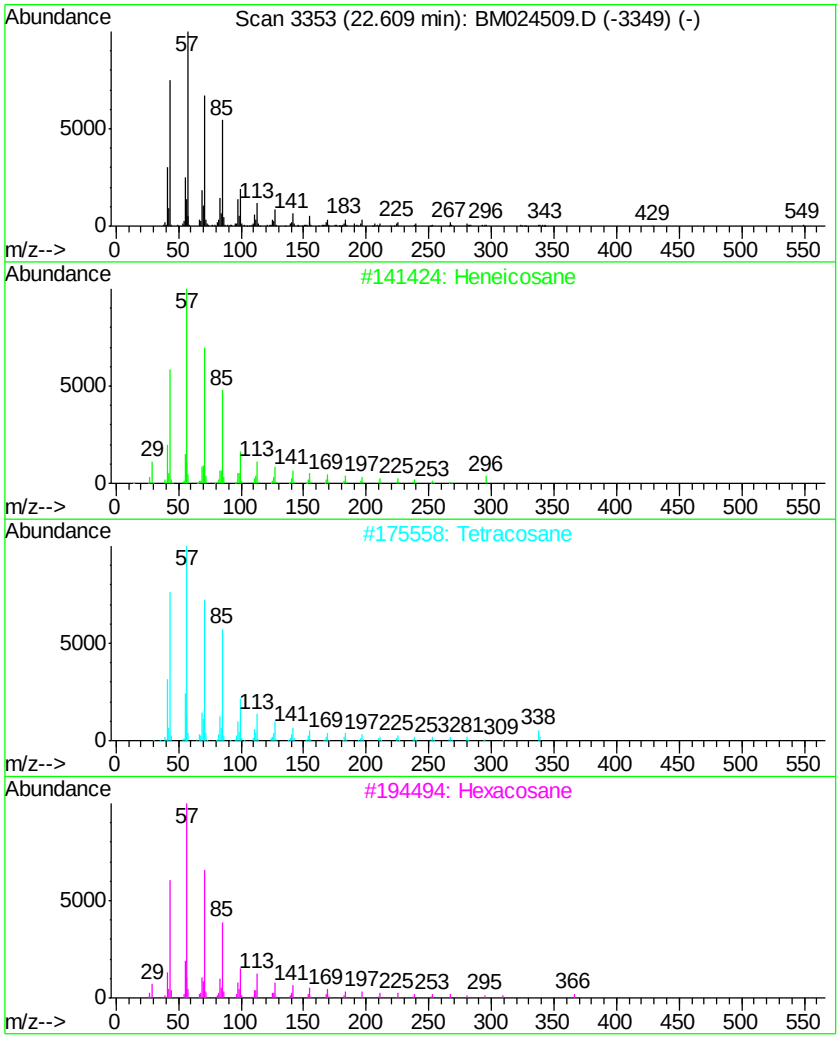
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

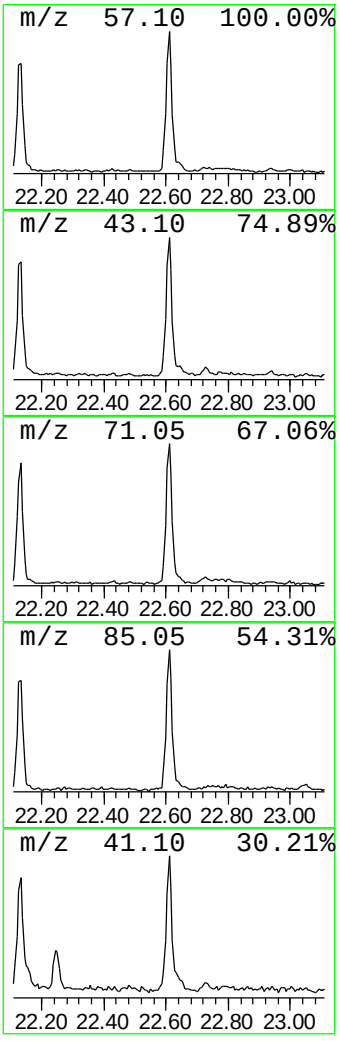
**********

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.61 | 2.03 ng/ul | 501497 | Perylene-d12 | 23.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 92 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

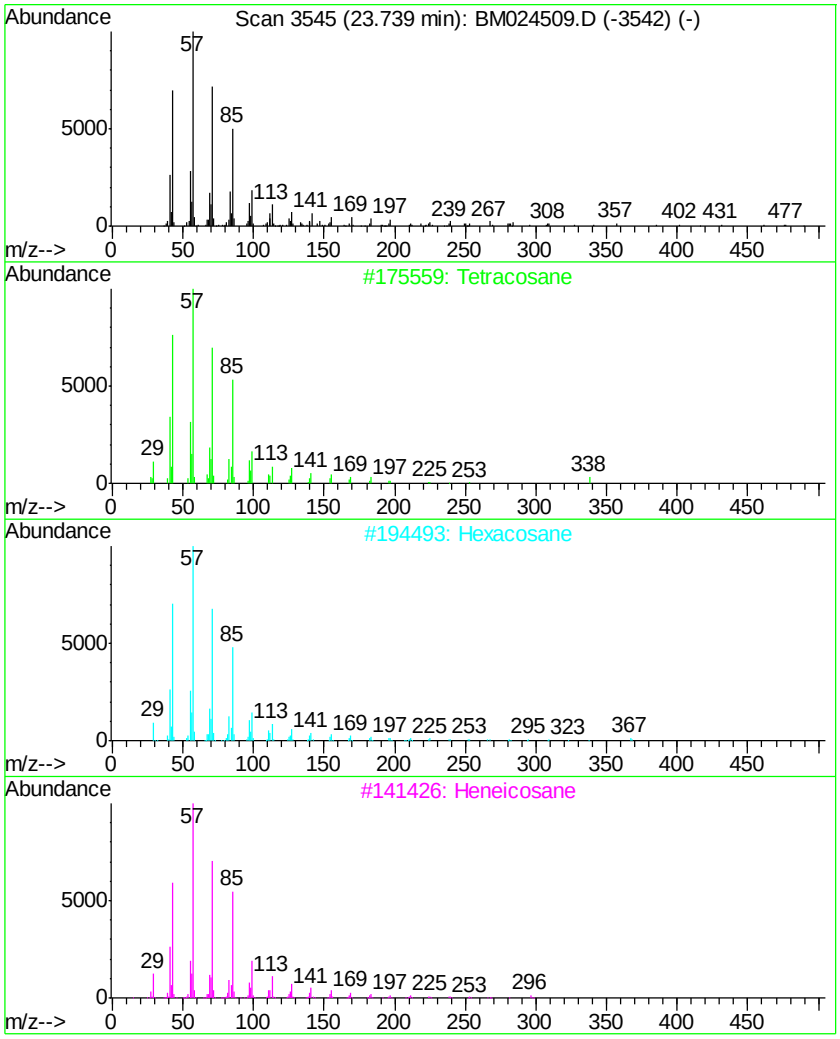
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

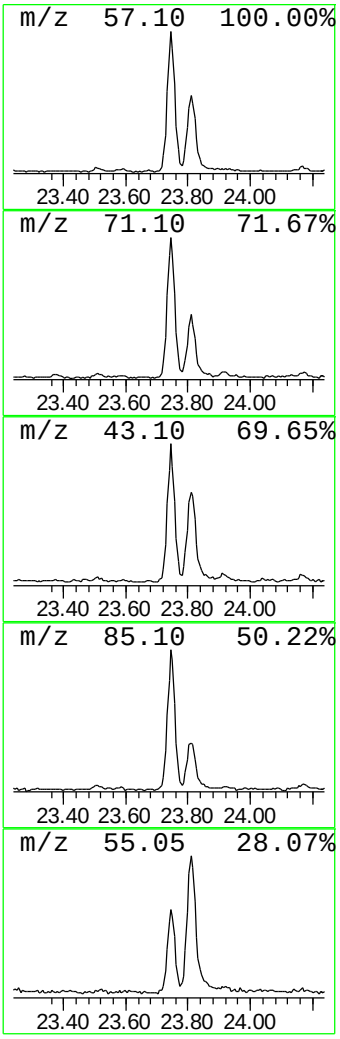
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.74 | 2.08 ng/ul | 515082 | Perylene-d12 | 23.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

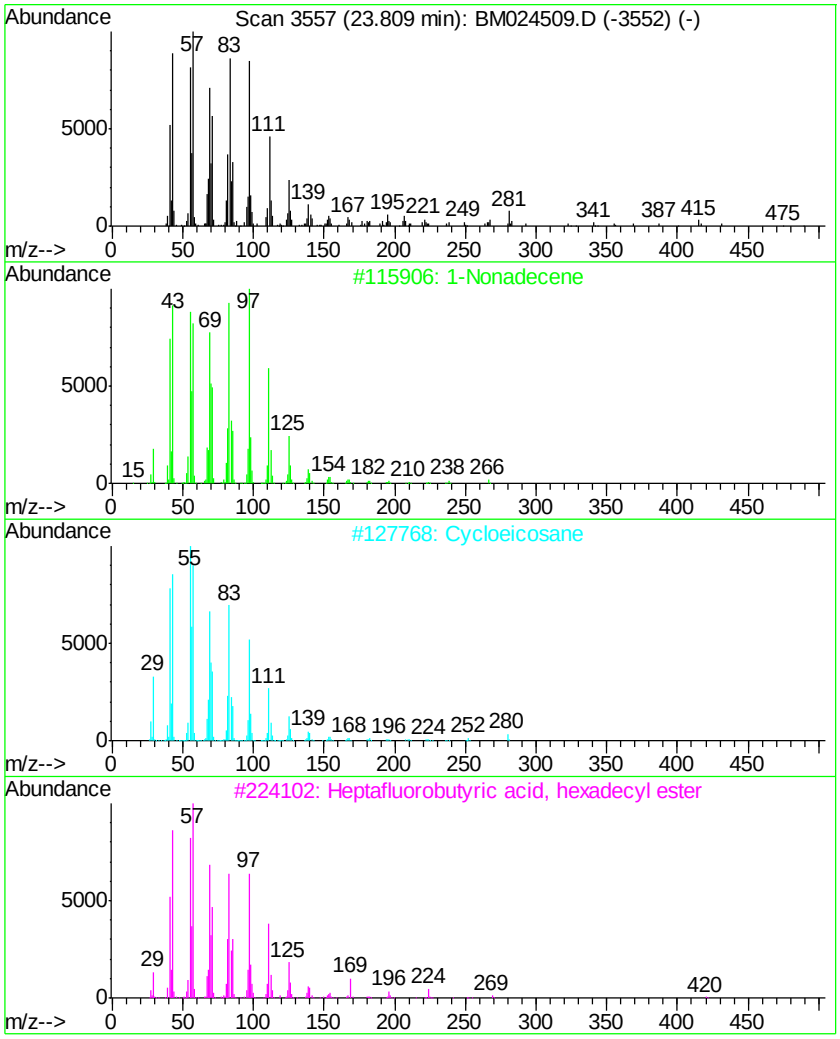
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

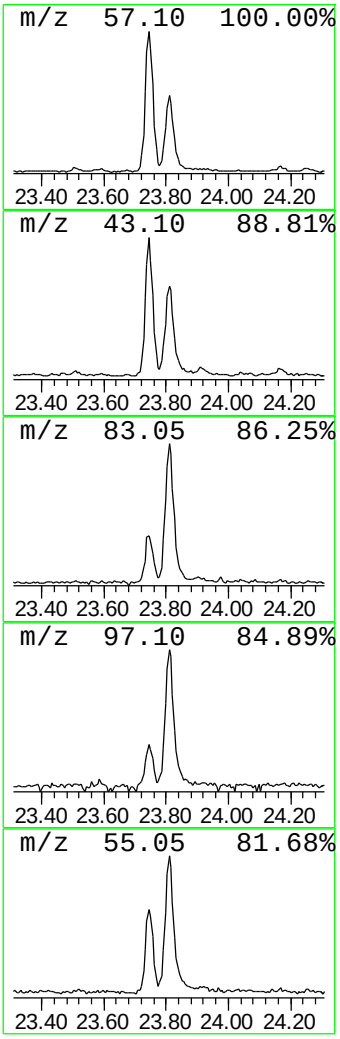
**********

Peak Number 6 (DEL) Alkane: Cyclic23.81 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.81 | 2.59 ng/ul | 640049 | Perylene-d12 | 23.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 99 |
| 2 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 95 |
| 3 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 94 |
| 4 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |
| 5 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\
Data File : BM024509.D
Acq On : 17 Jan 2020 23:21
Operator : JU
Sample : L1109-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GASG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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 |
| n-Hexadecanoic acid | 17.80 | 12.5 | ng/ul | 2343410 | 4 | 16.86 | 3754480 | 20.0 |
| Octadecanoic acid | 19.09 | 3.2 | ng/ul | 745309 | 5 | 21.06 | 4617630 | 20.0 |
| 1-Heneicosyl formate | 20.82 | 8.3 | ng/ul | 1913300 | 5 | 21.06 | 4617630 | 20.0 |
| (DEL) Alkane: Str... | 22.61 | 2.0 | ng/ul | 501497 | 6 | 23.17 | 4943820 | 20.0 |
| (DEL) Alkane: Str... | 23.74 | 2.1 | ng/ul | 515082 | 6 | 23.17 | 4943820 | 20.0 |
| (DEL) Alkane: Cyc... | 23.81 | 2.6 | ng/ul | 640049 | 6 | 23.17 | 4943820 | 20.0 |