LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG046771.D

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.532 | 29 | 33 | 38 | rVB3 | 12710 | 17731 | 0.63% | 0.067% |
| 2 | 4.178 | 138 | 143 | 149 | rVB7 | 8402 | 16449 | 0.59% | 0.062% |
| 3 | 4.290 | 156 | 162 | 167 | rBV4 | 7765 | 13159 | 0.47% | 0.050% |
| 4 | 4.496 | 192 | 197 | 203 | rBV2 | 30002 | 43553 | 1.55% | 0.165% |
| 5 | 4.648 | 218 | 223 | 226 | rBV5 | 8510 | 13911 | 0.49% | 0.053% |
| 6 | 4.913 | 263 | 268 | 274 | rVB | 24957 | 34890 | 1.24% | 0.132% |
| 7 | 5.207 | 313 | 318 | 322 | rVB2 | 3771 | 7267 | 0.26% | 0.028% |
| 8 | 5.289 | 328 | 332 | 337 | rBV4 | 3529 | 6622 | 0.24% | 0.025% |
| 9 | 5.412 | 349 | 353 | 355 | rBV4 | 4001 | 5728 | 0.20% | 0.022% |
| 10 | 5.589 | 377 | 383 | 389 | rBV2 | 29546 | 43264 | 1.54% | 0.164% |
| 11 | 6.153 | 476 | 479 | 485 | rVB2 | 6424 | 10140 | 0.36% | 0.038% |
| 12 | 7.057 | 630 | 633 | 637 | rBV4 | 4014 | 5265 | 0.19% | 0.020% |
| 13 | 7.198 | 651 | 657 | 660 | rBV2 | 24063 | 35548 | 1.26% | 0.135% |
| 14 | 7.257 | 660 | 667 | 677 | rVB | 222944 | 405128 | 14.41% | 1.536% |
| 15 | 7.433 | 690 | 697 | 705 | rBV | 153322 | 260924 | 9.28% | 0.989% |
| 16 | 7.639 | 725 | 732 | 739 | rBV | 218497 | 373427 | 13.28% | 1.416% |
| 17 | 7.739 | 744 | 749 | 752 | rVV2 | 4845 | 6676 | 0.24% | 0.025% |
| 18 | 7.786 | 754 | 757 | 764 | rVB4 | 3169 | 6120 | 0.22% | 0.023% |
| 19 | 8.109 | 805 | 812 | 819 | rBV | 275128 | 466914 | 16.61% | 1.770% |
| 20 | 8.162 | 819 | 821 | 825 | rVB2 | 5562 | 6942 | 0.25% | 0.026% |
| 21 | 8.338 | 847 | 851 | 858 | rVB5 | 6434 | 12650 | 0.45% | 0.048% |
| 22 | 8.708 | 908 | 914 | 919 | rBV5 | 5643 | 9642 | 0.34% | 0.037% |
| 23 | 8.802 | 923 | 930 | 943 | rVB | 282449 | 493564 | 17.56% | 1.871% |
| 24 | 8.932 | 947 | 952 | 957 | rBV3 | 17523 | 30985 | 1.10% | 0.117% |
| 25 | 9.214 | 996 | 1000 | 1003 | rBV2 | 4130 | 6977 | 0.25% | 0.026% |
| 26 | 9.267 | 1003 | 1009 | 1019 | rVB | 217189 | 390965 | 13.91% | 1.482% |
| 27 | 9.431 | 1031 | 1037 | 1044 | rBV4 | 14762 | 22255 | 0.79% | 0.084% |
| 28 | 9.607 | 1062 | 1067 | 1072 | rBV4 | 3355 | 6099 | 0.22% | 0.023% |
| 29 | 9.701 | 1077 | 1083 | 1089 | rVB2 | 12924 | 20455 | 0.73% | 0.078% |
| 30 | 9.995 | 1125 | 1133 | 1140 | rBV2 | 185663 | 333541 | 11.87% | 1.264% |
| 31 | 10.312 | 1183 | 1187 | 1191 | rBV5 | 4977 | 8761 | 0.31% | 0.033% |
| 32 | 10.430 | 1200 | 1207 | 1217 | rBV2 | 58684 | 98816 | 3.52% | 0.375% |
| 33 | 10.536 | 1217 | 1225 | 1235 | rVB | 293981 | 530888 | 18.89% | 2.012% |
| 34 | 10.923 | 1283 | 1291 | 1300 | rVB | 382844 | 676409 | 24.06% | 2.564% |
| 35 | 11.047 | 1305 | 1312 | 1320 | rBV | 202188 | 359814 | 12.80% | 1.364% |
| 36 | 11.576 | 1397 | 1402 | 1406 | rVB4 | 3749 | 6788 | 0.24% | 0.026% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.693 | 1417 | 1422 | 1429 | rVB5 | 5264 | 9198 | 0.33% | 0.035% |
| 38 | 11.852 | 1445 | 1449 | 1452 | rVV3 | 6821 | 8096 | 0.29% | 0.031% |
| 39 | 11.934 | 1459 | 1463 | 1465 | rBV4 | 8945 | 10825 | 0.39% | 0.041% |
| 40 | 12.193 | 1502 | 1507 | 1511 | rBV2 | 7058 | 10649 | 0.38% | 0.040% |
| 41 | 12.498 | 1555 | 1559 | 1563 | rVB2 | 6516 | 9786 | 0.35% | 0.037% |
| 42 | 12.645 | 1578 | 1584 | 1589 | rVB5 | 6096 | 11384 | 0.40% | 0.043% |
| 43 | 13.186 | 1672 | 1676 | 1680 | rBV4 | 6118 | 9508 | 0.34% | 0.036% |
| 44 | 13.350 | 1696 | 1704 | 1705 | rBV4 | 7887 | 12666 | 0.45% | 0.048% |
| 45 | 13.368 | 1705 | 1707 | 1711 | rVV2 | 6361 | 7312 | 0.26% | 0.028% |
| 46 | 13.562 | 1734 | 1740 | 1742 | rBV3 | 4317 | 7037 | 0.25% | 0.027% |
| 47 | 13.597 | 1744 | 1746 | 1750 | rVV5 | 8786 | 8936 | 0.32% | 0.034% |
| 48 | 14.131 | 1831 | 1837 | 1842 | rVV | 555717 | 807065 | 28.71% | 3.059% |
| 49 | 14.178 | 1842 | 1845 | 1850 | rVB2 | 25065 | 35964 | 1.28% | 0.136% |
| 50 | 14.255 | 1857 | 1858 | 1864 | rVB4 | 4001 | 6188 | 0.22% | 0.023% |
| 51 | 14.372 | 1872 | 1878 | 1882 | rBV6 | 15723 | 34512 | 1.23% | 0.131% |
| 52 | 14.425 | 1882 | 1887 | 1897 | rVB | 582919 | 901660 | 32.08% | 3.418% |
| 53 | 14.590 | 1911 | 1915 | 1919 | rBV2 | 18748 | 23094 | 0.82% | 0.088% |
| 54 | 14.625 | 1919 | 1921 | 1926 | rVB5 | 6867 | 6663 | 0.24% | 0.025% |
| 55 | 14.737 | 1930 | 1940 | 1948 | rBV | 629979 | 1037553 | 36.91% | 3.933% |
| 56 | 14.901 | 1962 | 1968 | 1978 | rBV | 288824 | 443379 | 15.77% | 1.681% |
| 57 | 15.054 | 1992 | 1994 | 1998 | rVB4 | 6483 | 6786 | 0.24% | 0.026% |
| 58 | 15.130 | 2003 | 2007 | 2013 | rBV2 | 36834 | 52098 | 1.85% | 0.197% |
| 59 | 15.383 | 2043 | 2050 | 2054 | rBV5 | 4877 | 11693 | 0.42% | 0.044% |
| 60 | 15.512 | 2069 | 2072 | 2073 | rBV2 | 5652 | 5389 | 0.19% | 0.020% |
| 61 | 15.577 | 2079 | 2083 | 2087 | rVB3 | 5914 | 7756 | 0.28% | 0.029% |
| 62 | 15.724 | 2101 | 2108 | 2115 | rBV | 772436 | 1160512 | 41.28% | 4.399% |
| 63 | 15.824 | 2118 | 2125 | 2134 | rBV2 | 185731 | 286735 | 10.20% | 1.087% |
| 64 | 15.959 | 2141 | 2148 | 2156 | rVB6 | 14480 | 28938 | 1.03% | 0.110% |
| 65 | 16.129 | 2173 | 2177 | 2178 | rBV4 | 4243 | 5388 | 0.19% | 0.020% |
| 66 | 16.258 | 2196 | 2199 | 2202 | rBV4 | 8804 | 12684 | 0.45% | 0.048% |
| 67 | 16.441 | 2225 | 2230 | 2233 | rBV3 | 21987 | 31626 | 1.13% | 0.120% |
| 68 | 16.505 | 2239 | 2241 | 2245 | rVB4 | 7068 | 9134 | 0.32% | 0.035% |
| 69 | 16.793 | 2284 | 2290 | 2297 | rBV6 | 22834 | 45726 | 1.63% | 0.173% |
| 70 | 16.864 | 2299 | 2302 | 2307 | rVV6 | 11757 | 18505 | 0.66% | 0.070% |
| 71 | 16.934 | 2309 | 2314 | 2315 | rBV3 | 7201 | 9006 | 0.32% | 0.034% |
| 72 | 17.081 | 2332 | 2339 | 2342 | rBV7 | 10447 | 20648 | 0.73% | 0.078% |
| 73 | 17.222 | 2361 | 2363 | 2367 | rBV3 | 8868 | 9521 | 0.34% | 0.036% |
| 74 | 17.357 | 2382 | 2386 | 2389 | rBV6 | 12263 | 18558 | 0.66% | 0.070% |
| 75 | 17.475 | 2400 | 2406 | 2412 | rVV | 802617 | 1228233 | 43.69% | 4.656% |
| 76 | 17.575 | 2416 | 2423 | 2431 | rVB | 784374 | 1256861 | 44.71% | 4.764% |

LSC Area Percent Report

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Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

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_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.780 | 2456 | 2458 | 2465 | rVB7 | 11864 | 20256 | 0.72% | 0.077% |
| 78 | 17.851 | 2466 | 2470 | 2472 | rBV4 | 20825 | 28281 | 1.01% | 0.107% |
| 79 | 17.968 | 2488 | 2490 | 2495 | rVB5 | 10062 | 12442 | 0.44% | 0.047% |
| 80 | 18.238 | 2532 | 2536 | 2542 | rBV5 | 42426 | 62830 | 2.24% | 0.238% |
| 81 | 18.297 | 2542 | 2546 | 2552 | rBV3 | 90958 | 138583 | 4.93% | 0.525% |
| 82 | 18.362 | 2552 | 2557 | 2568 | rVV | 320433 | 482857 | 17.18% | 1.830% |
| 83 | 18.691 | 2611 | 2613 | 2618 | rVB6 | 18992 | 24567 | 0.87% | 0.093% |
| 84 | 19.085 | 2677 | 2680 | 2686 | rVB2 | 108583 | 143238 | 5.10% | 0.543% |
| 85 | 19.372 | 2726 | 2729 | 2732 | rBV3 | 33246 | 36110 | 1.28% | 0.137% |
| 86 | 19.484 | 2745 | 2748 | 2749 | rBV3 | 37567 | 42399 | 1.51% | 0.161% |
| 87 | 19.513 | 2749 | 2753 | 2760 | rVV3 | 129837 | 267579 | 9.52% | 1.014% |
| 88 | 19.578 | 2760 | 2764 | 2768 | rVB4 | 84954 | 123193 | 4.38% | 0.467% |
| 89 | 19.625 | 2769 | 2772 | 2777 | rVV | 94442 | 108415 | 3.86% | 0.411% |
| 90 | 19.854 | 2806 | 2811 | 2823 | rVB | 1022451 | 1465998 | 52.15% | 5.557% |
| 91 | 20.295 | 2883 | 2886 | 2890 | rVB | 51251 | 60302 | 2.15% | 0.229% |
| 92 | 21.394 | 3068 | 3073 | 3083 | rVB | 411543 | 676838 | 24.08% | 2.566% |
| 93 | 21.752 | 3128 | 3134 | 3141 | rBV | 805657 | 1291514 | 45.94% | 4.896% |
| 94 | 22.598 | 3272 | 3278 | 3295 | rVB2 | 452258 | 1078285 | 38.36% | 4.087% |
| 95 | 23.644 | 3450 | 3456 | 3466 | rVB | 516971 | 1029057 | 36.61% | 3.901% |
| 96 | 24.126 | 3532 | 3538 | 3541 | rBV2 | 304864 | 611399 | 21.75% | 2.318% |
| 97 | 24.179 | 3542 | 3547 | 3562 | rVB | 1183182 | 2811034 | 100.00% | 10.656% |
| 98 | 24.795 | 3645 | 3652 | 3663 | rVB | 444187 | 1217670 | 43.32% | 4.616% |
| 99 | 25.025 | 3684 | 3691 | 3700 | rBV2 | 406718 | 1062383 | 37.79% | 4.027% |
| 100 | 26.264 | 3895 | 3902 | 3912 | rVB2 | 391846 | 1169346 | 41.60% | 4.433% |

Sum of corrected areas: 26380115

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
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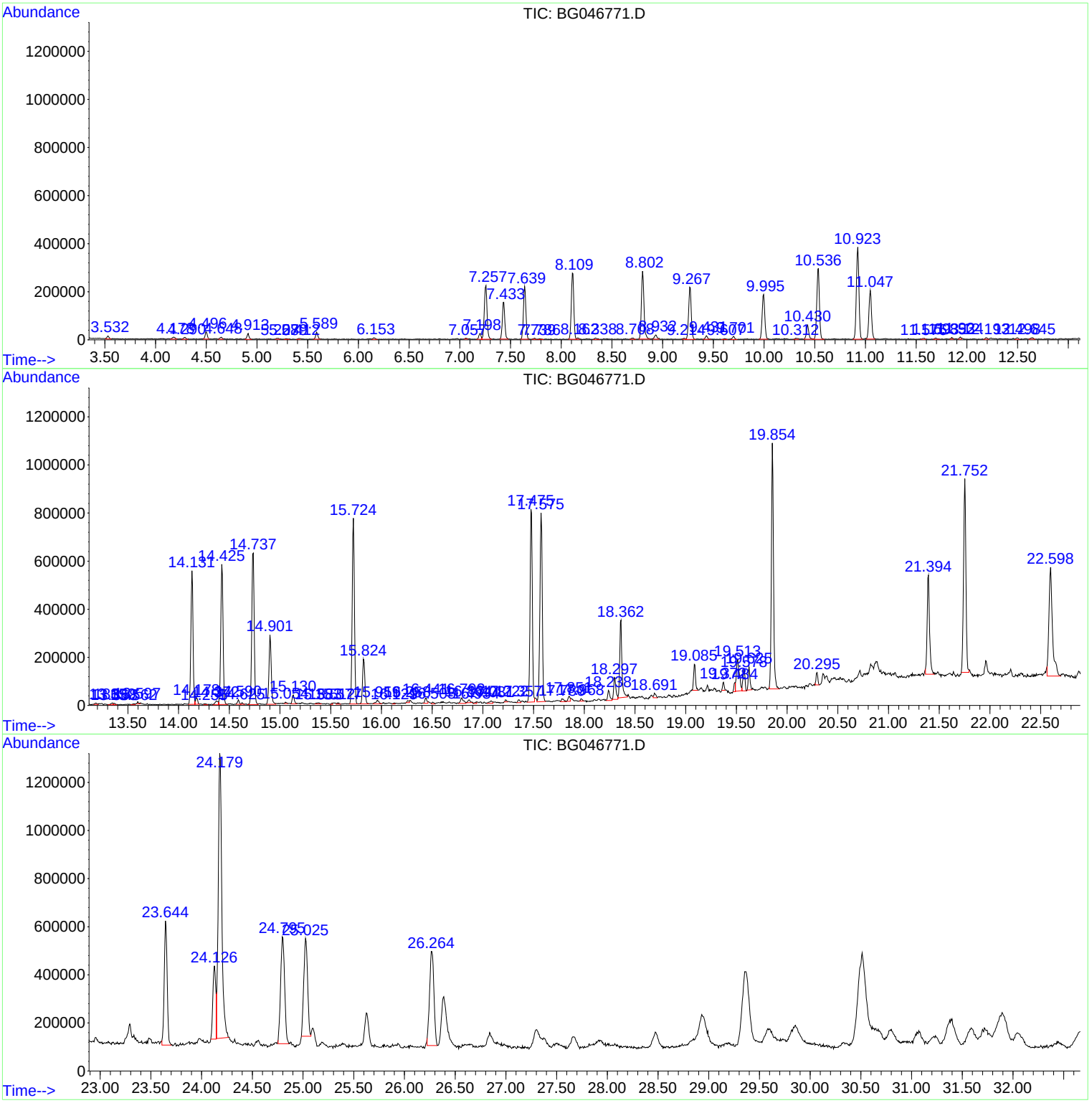
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CB7M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CB7M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

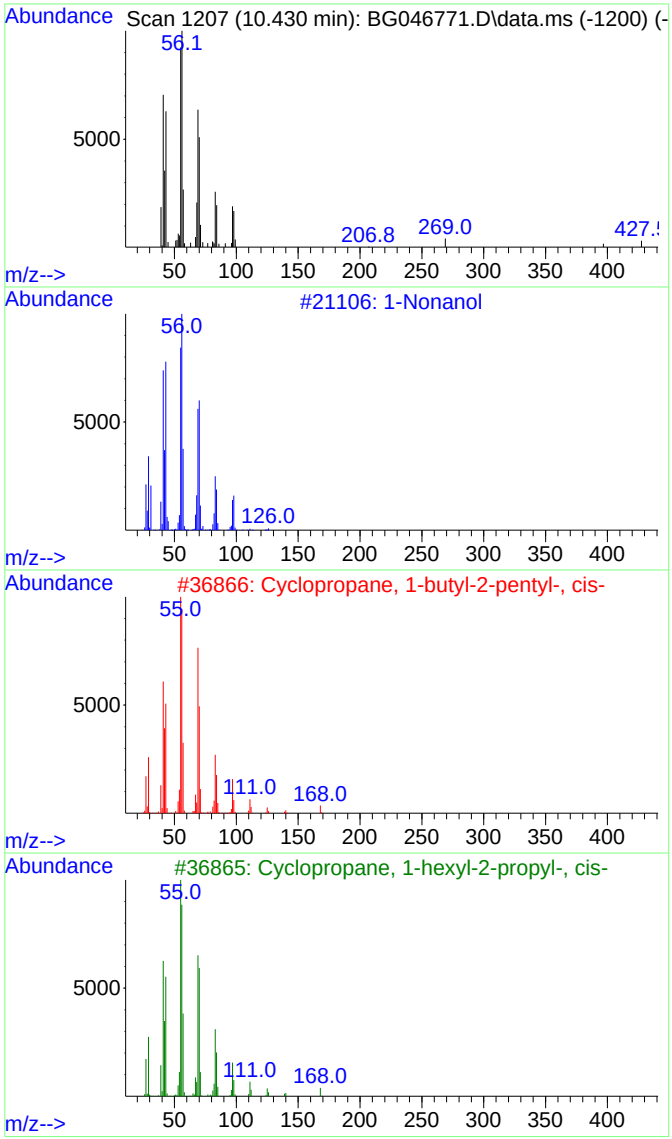
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

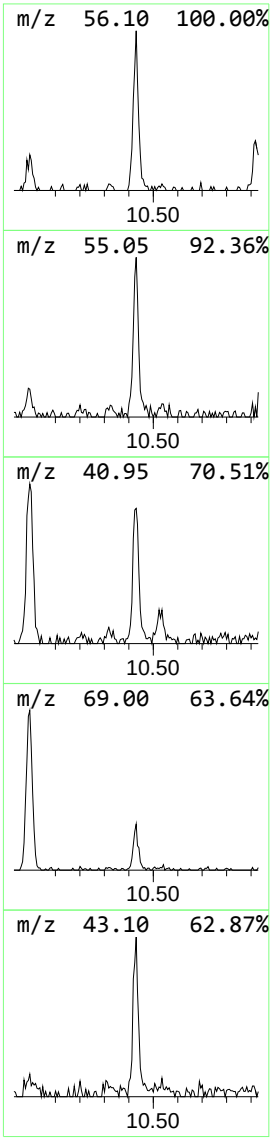
**********

Peak Number 1 1-Nonanol Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.430 | 2.92 ng/ul | 98816 | Naphthalene-d8 | 10.924 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonanol | 144 | C9H20O | 000143-08-8 | 86 |
| 2 | Cyclopropane, 1-butyl-2-pentyl-,... | 168 | C12H24 | 074663-88-0 | 78 |
| 3 | Cyclopropane, 1-hexyl-2-propyl-,... | 168 | C12H24 | 074630-58-3 | 78 |
| 4 | Cyclopropane, pentyl- | 112 | C8H16 | 002511-91-3 | 72 |
| 5 | 3-Dodecene, (E)- | 168 | C12H24 | 007206-14-6 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CB7M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

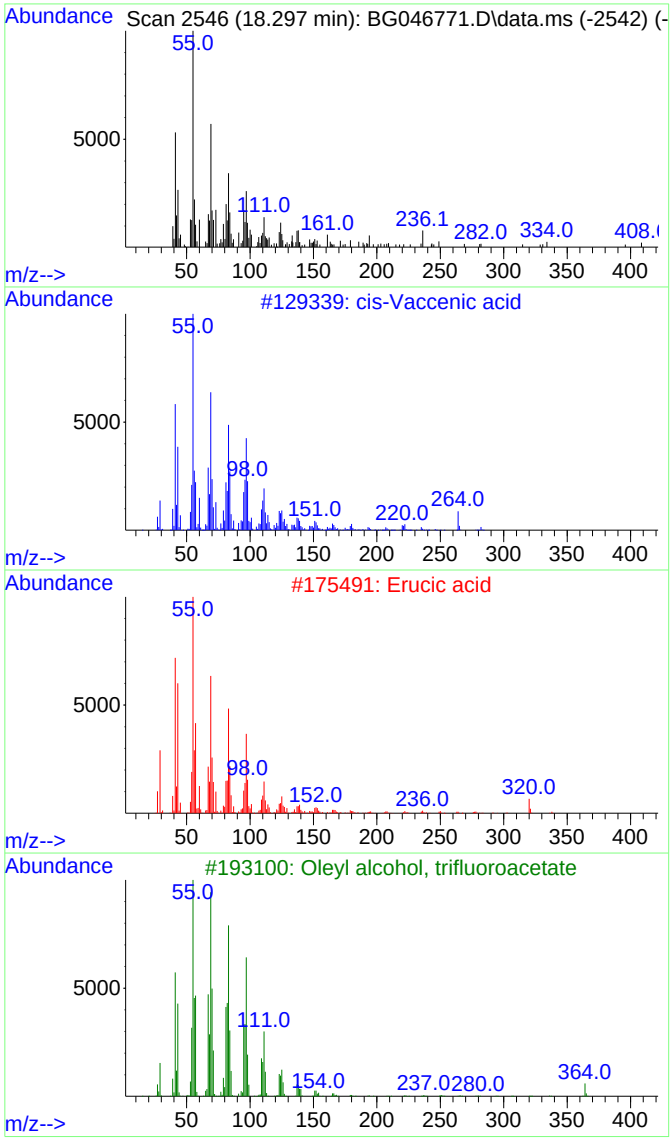
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

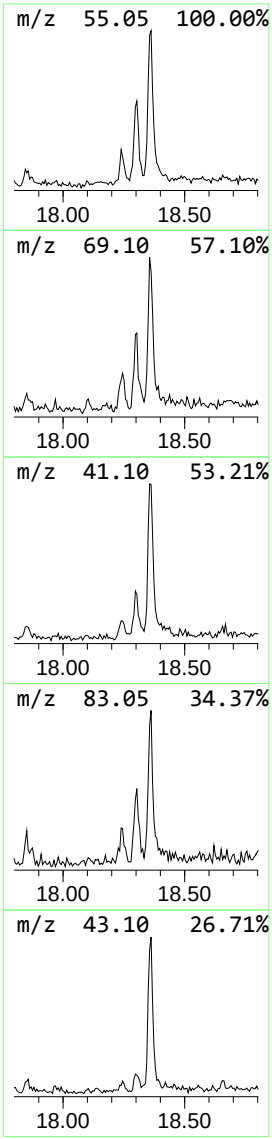
**********

Peak Number 2 cis-Vaccenic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.300 | 2.26 ng/ul | 138583 | Phenanthrene-d10 | 17.475 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-Vaccenic acid | 282 | C18H34O2 | 000506-17-2 | 68 |
| 2 | Erucic acid | 338 | C22H42O2 | 000112-86-7 | 64 |
| 3 | Oleyl alcohol, trifluoroacetate | 364 | C20H35F3O2 | 1000352-68-4 | 62 |
| 4 | 22-Tricosenoic acid | 352 | C23H44O2 | 065119-95-1 | 58 |
| 5 | Z-11-Tetradecenoic acid | 226 | C14H26O2 | 1000130-83-3 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

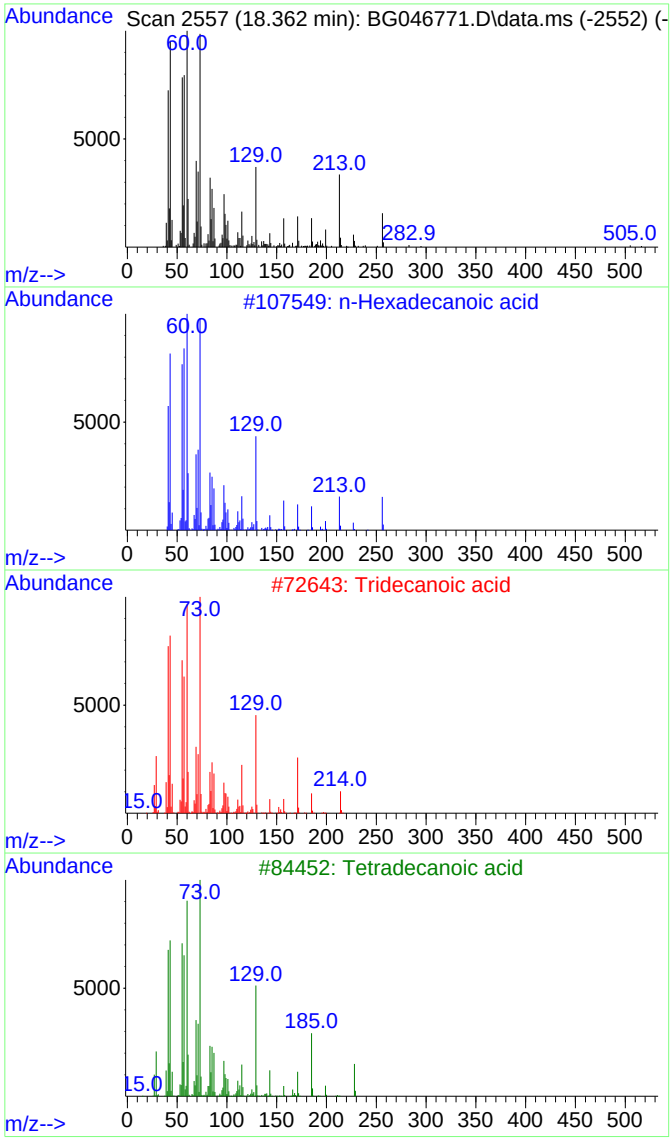
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

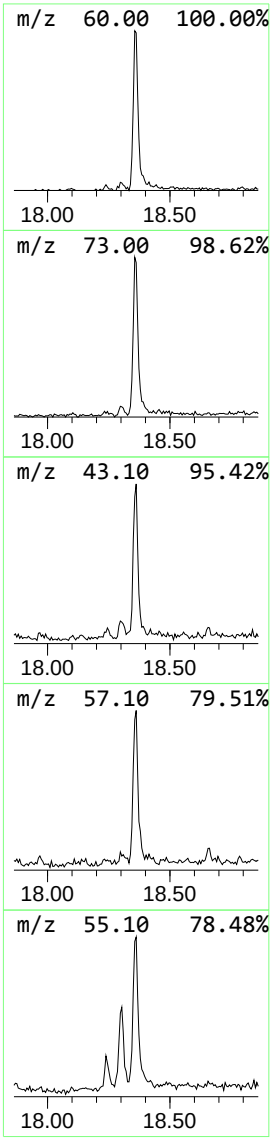
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.360 | 7.86 ng/ul | 482857 | Phenanthrene-d10 | 17.475 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 94 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 81 |
| 5 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 76 |



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Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

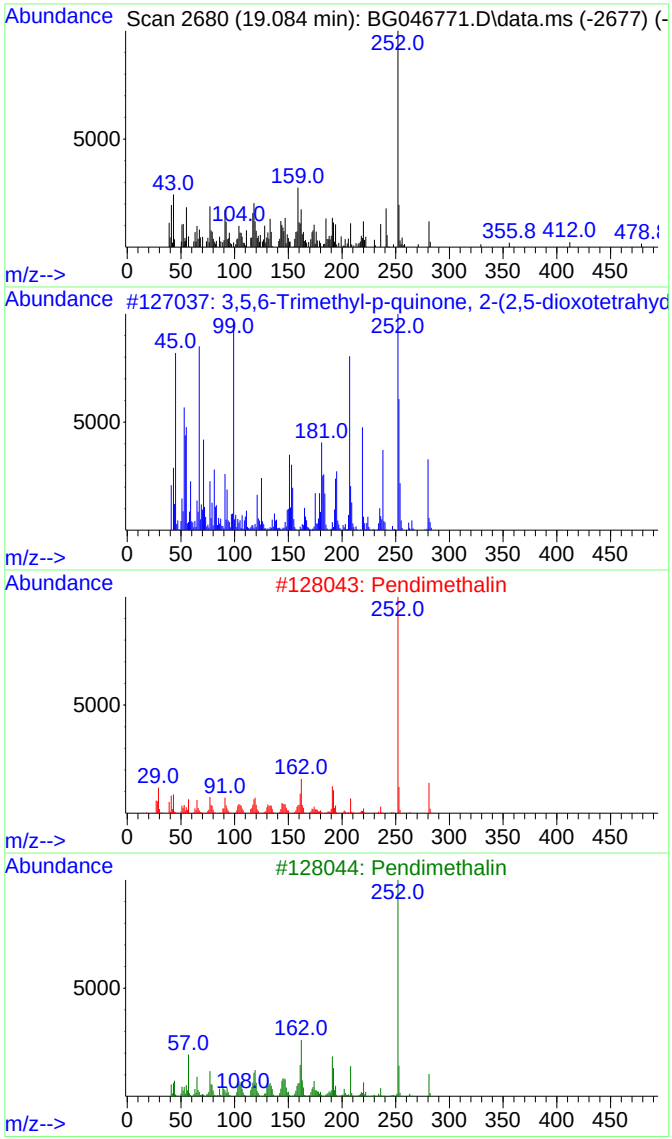
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

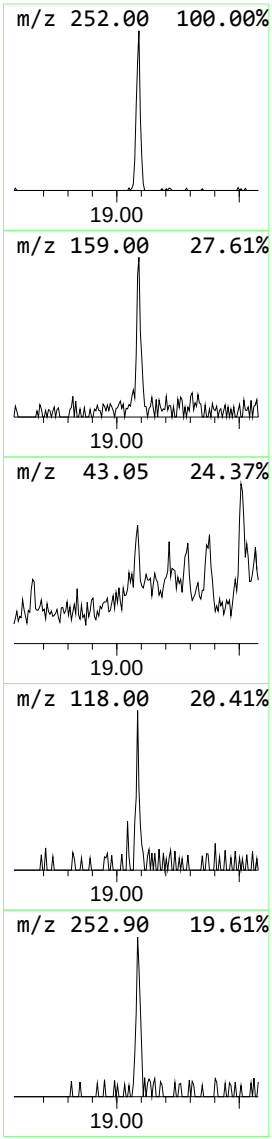
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 3,5,6-Trimethyl-p-quinone, ... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.080 | 2.33 ng/ul | 143238 | Phenanthrene-d10 | 17.475 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5,6-Trimethyl-p-quinone, 2-(2,... | 280 | C13H12O5S | 126848-01-9 | 95 |
| 2 | Pendimethalin | 281 | C13H19N3O4 | 040487-42-1 | 78 |
| 3 | Pendimethalin | 281 | C13H19N3O4 | 040487-42-1 | 70 |
| 4 | Pendimethalin | 281 | C13H19N3O4 | 040487-42-1 | 64 |
| 5 | Pyridine-3-carbonitrile, 2-amino... | 281 | C17H19N3O | 1000264-87-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

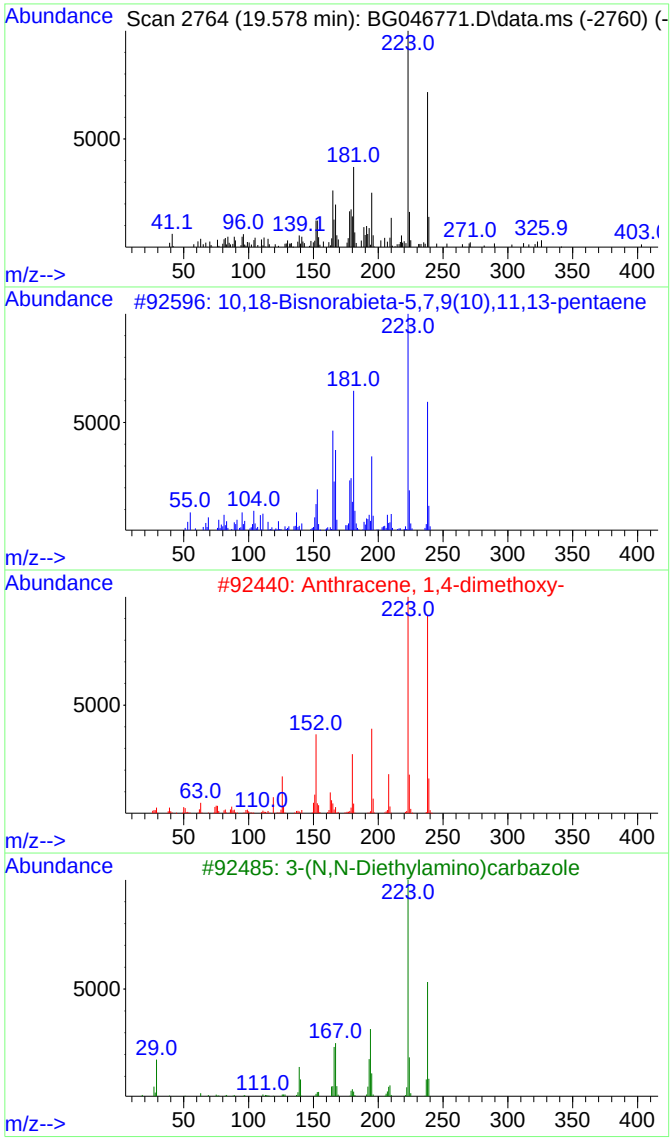
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

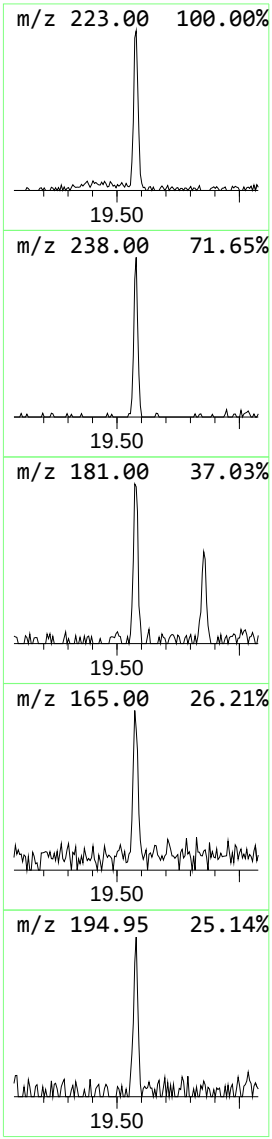
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.580 | 2.01 ng/ul | 123193 | Phenanthrene-d10 | 17.475 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22 | 006566-19-4 | 95 |
| 2 | Anthracene, 1,4-dimethoxy- | 238 | C16H14O2 | 013076-29-4 | 70 |
| 3 | 3-(N,N-Diethylamino)carbazole | 238 | C16H18N2 | 054994-31-9 | 58 |
| 4 | 9,10-Anthracenedione, 1-amino- | 223 | C14H9NO2 | 000082-45-1 | 49 |
| 5 | Anthraquinone, 2-amino- | 223 | C14H9NO2 | 000117-79-3 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

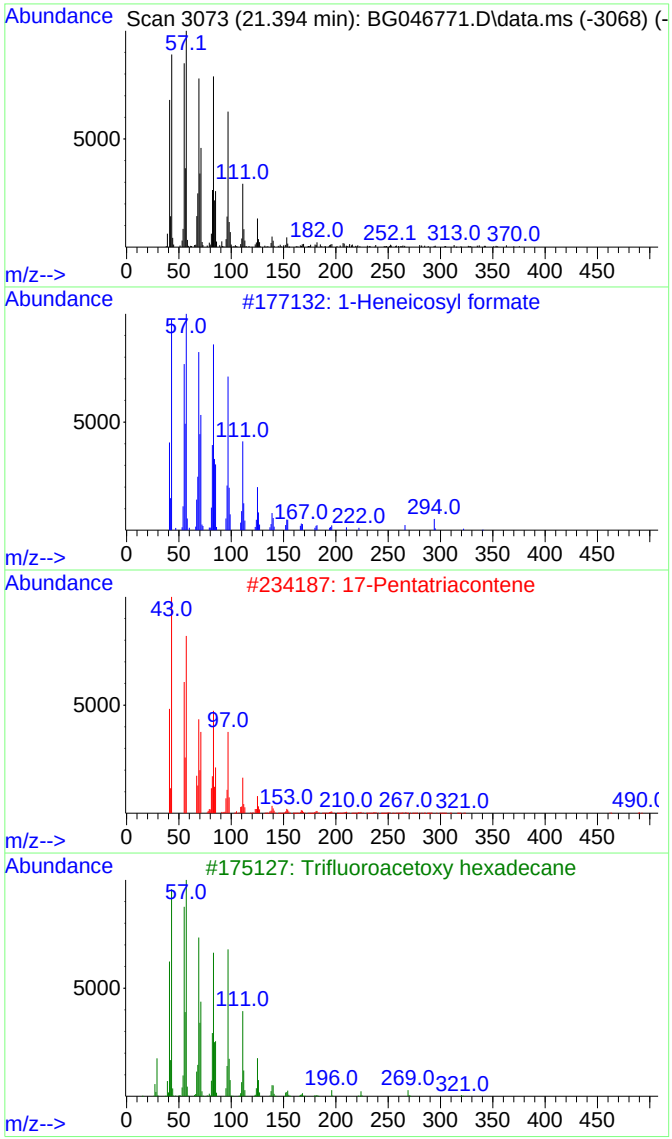
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

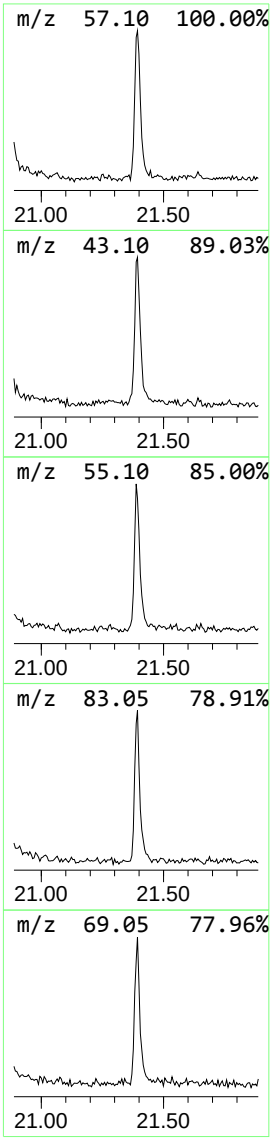
**********

Peak Number 7 1-Heneicosyl formate Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.390 | 10.48 ng/ul | 676838 | Chrysene-d12 | 21.752 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |
| 2 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 91 |
| 3 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 91 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 87 |
| 5 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

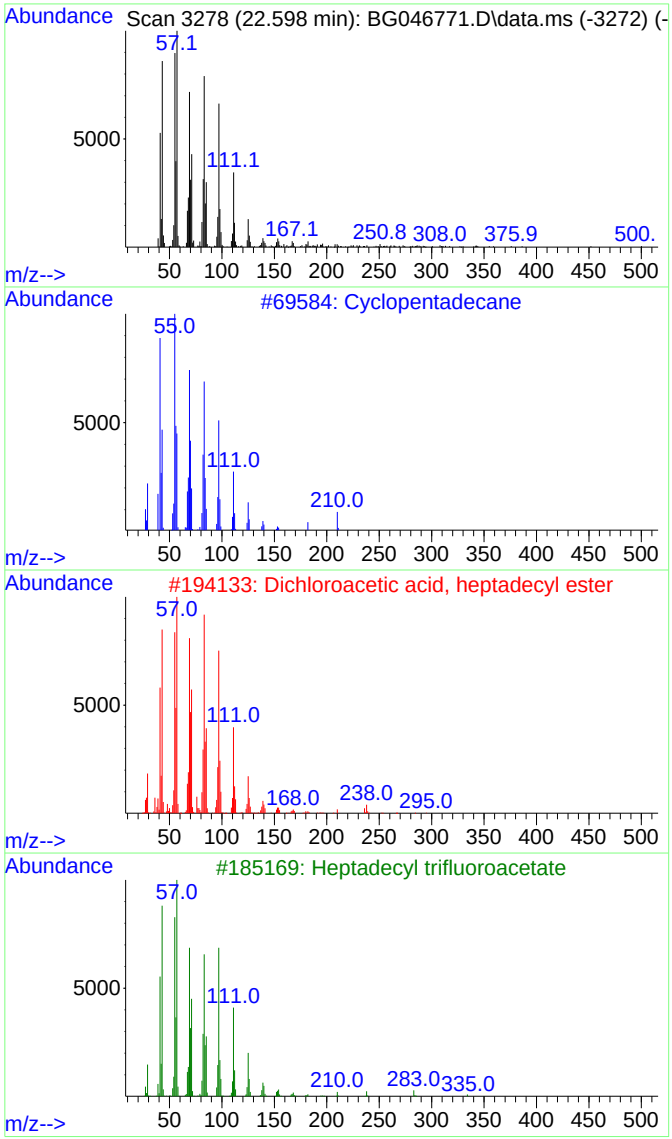
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

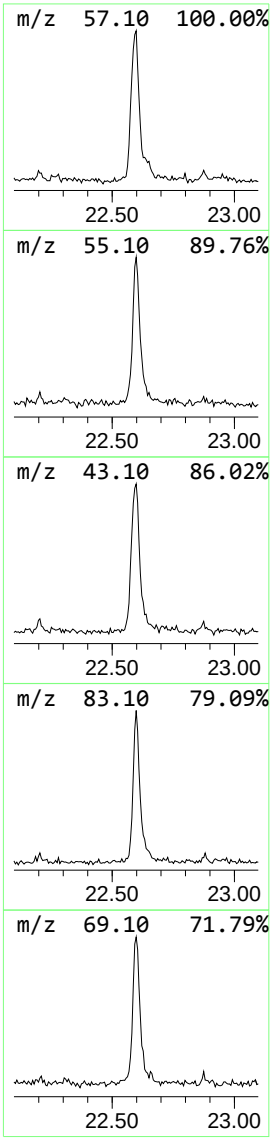
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Cyclic22.60 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.600 | 16.70 ng/ul | 1078290 | Chrysene-d12 | 21.752 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 98 |
| 2 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |
| 3 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 91 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

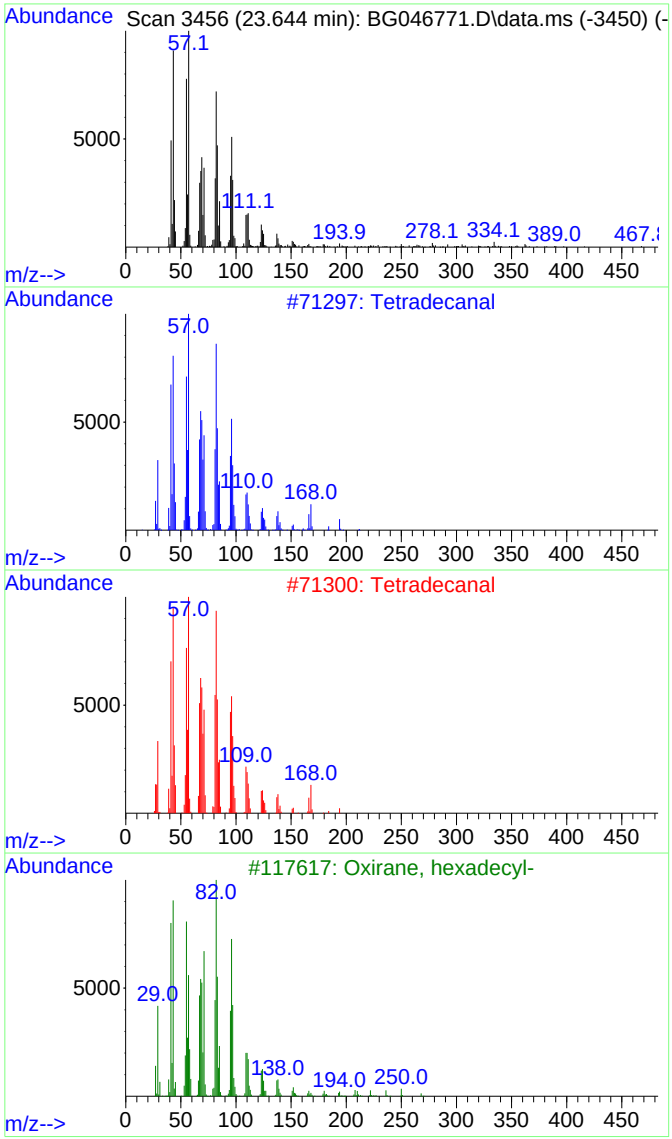
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

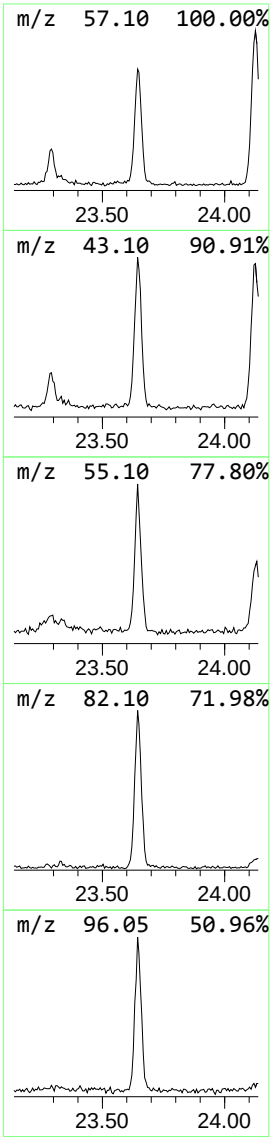
**********

Peak Number 9 Tetradecanal Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.640 | 19.37 ng/ul | 1029060 | Perylene-d12 | 25.025 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanal | 212 | C14H28O | 000124-25-4 | 94 |
| 2 | Tetradecanal | 212 | C14H28O | 000124-25-4 | 91 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 5 | Pentadecanal- | 226 | C15H30O | 002765-11-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

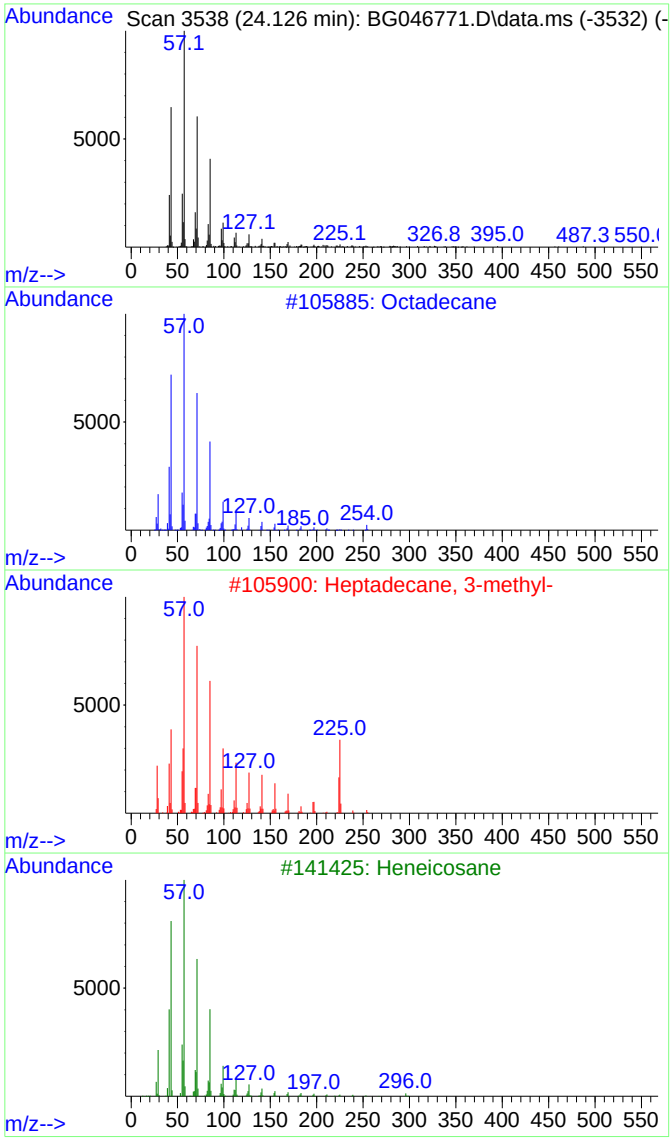
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

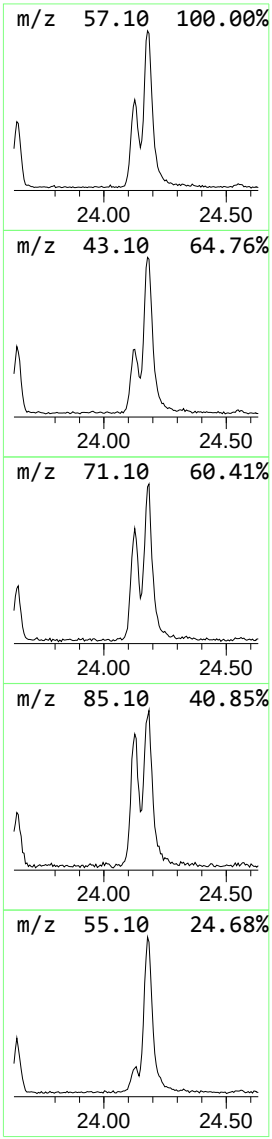
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.130 | 11.51 ng/ul | 611399 | Perylene-d12 | 25.025 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 94 |
| 2 | Heptadecane, 3-methyl- | 254 | C18H38 | 006418-44-6 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CB7M2

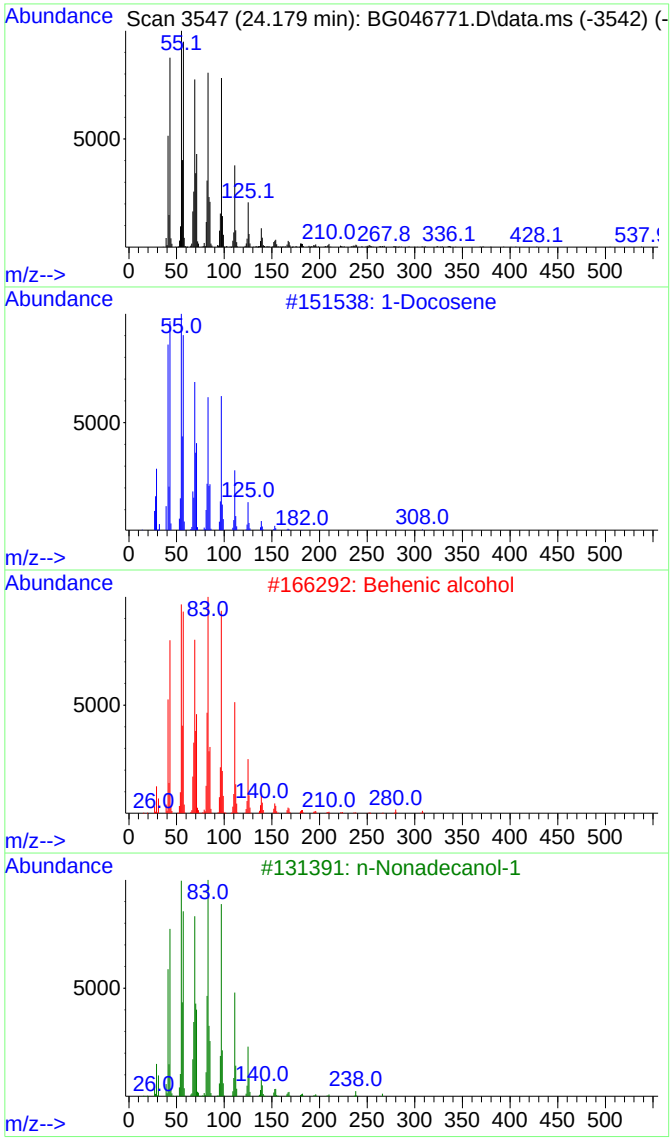
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

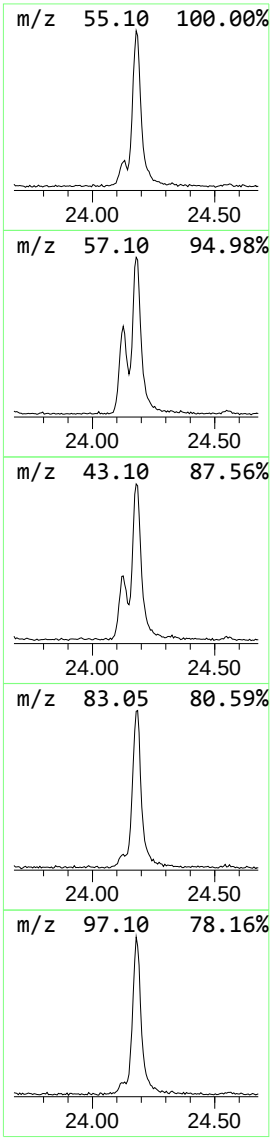
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.180 | 52.92 ng/ul | 2811030 | Perylene-d12 | 25.025 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 99 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 91 |
| 4 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 90 |
| 5 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

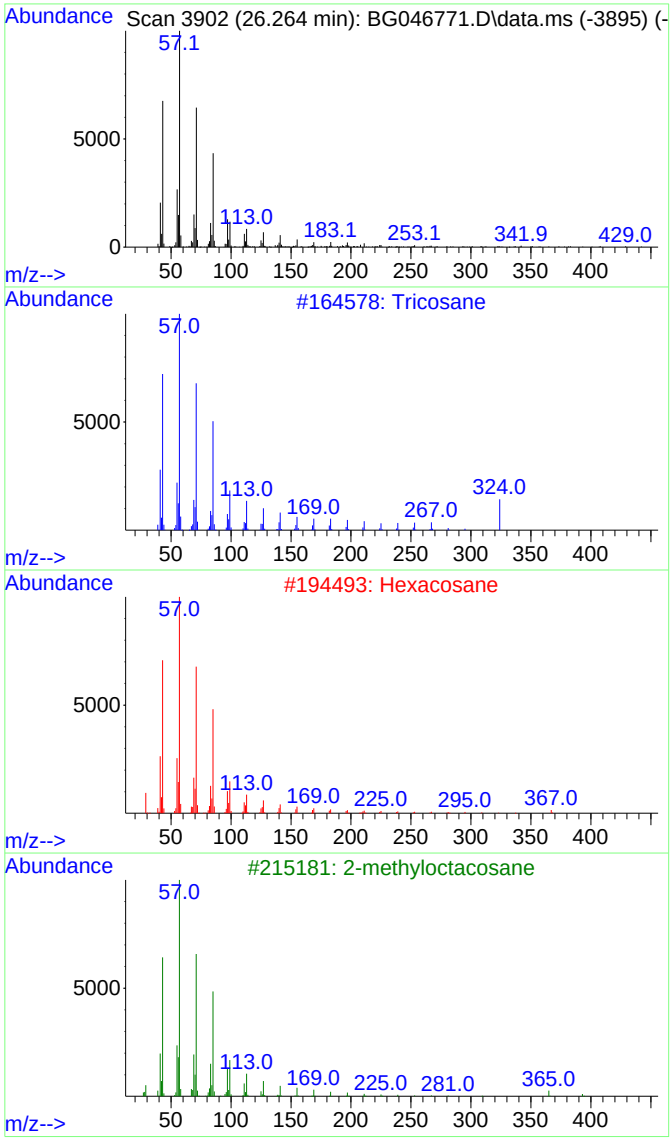
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

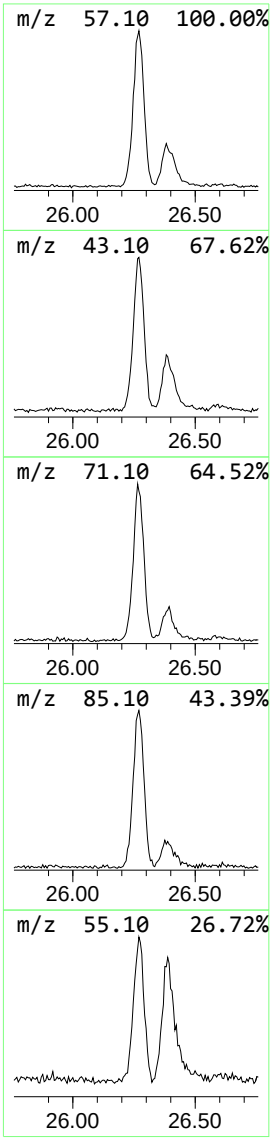
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.260 | 22.01 ng/ul | 1169350 | Perylene-d12 | 25.025 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 95 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 93 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046771.D
Acq On : 3 Oct 2020 14:30
Operator : CG/JU
Sample : L4150-21
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB7M2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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 |
| 1-Nonanol | 10.430 | 2.9 | ng/ul | 98816 | 2 | 10.924 | 676409 | 20.0 |
| cis-Vaccenic acid | 18.300 | 2.3 | ng/ul | 138583 | 4 | 17.475 | 1228230 | 20.0 |
| n-Hexadecanoic ... | 18.360 | 7.9 | ng/ul | 482857 | 4 | 17.475 | 1228230 | 20.0 |
| 3,5,6-Trimethyl... | 19.080 | 2.3 | ng/ul | 143238 | 4 | 17.475 | 1228230 | 20.0 |
| 10,18-Bisnorabi... | 19.580 | 2.0 | ng/ul | 123193 | 4 | 17.475 | 1228230 | 20.0 |
| 1-Heneicosyl fo... | 21.390 | 10.5 | ng/ul | 676838 | 5 | 21.752 | 1291510 | 20.0 |
| (DEL) Alkane: C... | 22.600 | 16.7 | ng/ul | 1078290 | 5 | 21.752 | 1291510 | 20.0 |
| Tetradecanal | 23.640 | 19.4 | ng/ul | 1029060 | 6 | 25.025 | 1062380 | 20.0 |
| (DEL) Alkane: S... | 24.130 | 11.5 | ng/ul | 611399 | 6 | 25.025 | 1062380 | 20.0 |
| (DEL) Alkane: S... | 24.180 | 52.9 | ng/ul | 2811030 | 6 | 25.025 | 1062380 | 20.0 |
| (DEL) Alkane: S... | 26.260 | 22.0 | ng/ul | 1169350 | 6 | 25.025 | 1062380 | 20.0 |