LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

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\SFAM-EPA-BG102721.M
Title : SVOA CALIBRATION

Signal : TIC: BG050770.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.599 | 16 | 19 | 21 | rBV | 8042 | 10284 | 0.18% | 0.021% |
| 2 | 3.640 | 21 | 26 | 41 | rVB | 91894 | 155030 | 2.66% | 0.319% |
| 3 | 3.946 | 71 | 78 | 89 | rBV2 | 36362 | 145078 | 2.49% | 0.298% |
| 4 | 4.034 | 89 | 93 | 107 | rVB2 | 44592 | 110008 | 1.89% | 0.226% |
| 5 | 4.545 | 128 | 180 | 183 | rBV | 316379 | 2957296 | 50.72% | 6.077% |
| 6 | 5.479 | 298 | 339 | 342 | rVB3 | 241845 | 1872389 | 32.11% | 3.848% |
| 7 | 6.031 | 384 | 433 | 436 | rBV | 379299 | 3591060 | 61.59% | 7.380% |
| 8 | 6.754 | 540 | 556 | 567 | rBV | 142901 | 544665 | 9.34% | 1.119% |
| 9 | 6.842 | 567 | 571 | 581 | rVB5 | 11313 | 32909 | 0.56% | 0.068% |
| 10 | 7.395 | 642 | 665 | 666 | rBV2 | 251902 | 1122345 | 19.25% | 2.306% |
| 11 | 7.547 | 689 | 691 | 708 | rVB3 | 515433 | 584478 | 10.02% | 1.201% |
| 12 | 7.677 | 708 | 713 | 720 | rVB | 15334 | 27297 | 0.47% | 0.056% |
| 13 | 7.771 | 723 | 729 | 736 | rVB | 103039 | 179857 | 3.08% | 0.370% |
| 14 | 8.247 | 803 | 810 | 814 | rBV | 202511 | 468904 | 8.04% | 0.964% |
| 15 | 8.529 | 851 | 858 | 862 | rBV4 | 10144 | 24250 | 0.42% | 0.050% |
| 16 | 8.781 | 896 | 901 | 907 | rBV2 | 6506 | 10775 | 0.18% | 0.022% |
| 17 | 8.952 | 910 | 930 | 932 | rBV4 | 346237 | 1372067 | 23.53% | 2.820% |
| 18 | 9.316 | 986 | 992 | 998 | rVB3 | 7612 | 15316 | 0.26% | 0.031% |
| 19 | 9.416 | 1001 | 1009 | 1017 | rBV | 154774 | 282801 | 4.85% | 0.581% |
| 20 | 9.757 | 1061 | 1067 | 1069 | rBV | 9810 | 15555 | 0.27% | 0.032% |
| 21 | 9.809 | 1072 | 1076 | 1084 | rVB4 | 9062 | 21085 | 0.36% | 0.043% |
| 22 | 9.886 | 1084 | 1089 | 1091 | rBV5 | 4567 | 6988 | 0.12% | 0.014% |
| 23 | 10.138 | 1126 | 1132 | 1141 | rVB | 119263 | 216489 | 3.71% | 0.445% |
| 24 | 10.591 | 1163 | 1209 | 1219 | rBV | 799412 | 5830658 | 100.00% | 11.982% |
| 25 | 10.685 | 1219 | 1225 | 1232 | rVB | 156492 | 297346 | 5.10% | 0.611% |
| 26 | 10.832 | 1245 | 1250 | 1272 | rVB | 81823 | 187430 | 3.21% | 0.385% |
| 27 | 11.073 | 1284 | 1291 | 1301 | rVB | 160917 | 302508 | 5.19% | 0.622% |
| 28 | 11.202 | 1305 | 1313 | 1323 | rBV | 148538 | 284291 | 4.88% | 0.584% |
| 29 | 11.901 | 1422 | 1432 | 1454 | rVV | 283138 | 770340 | 13.21% | 1.583% |
| 30 | 12.271 | 1487 | 1495 | 1499 | rVB2 | 8222 | 12897 | 0.22% | 0.027% |
| 31 | 12.359 | 1504 | 1510 | 1517 | rBV2 | 18000 | 29838 | 0.51% | 0.061% |
| 32 | 12.565 | 1539 | 1545 | 1549 | rVB4 | 4239 | 7186 | 0.12% | 0.015% |
| 33 | 12.636 | 1549 | 1557 | 1561 | rBV6 | 4486 | 8263 | 0.14% | 0.017% |
| 34 | 12.747 | 1571 | 1576 | 1580 | rVB5 | 4993 | 9308 | 0.16% | 0.019% |
| 35 | 13.258 | 1627 | 1663 | 1683 | rBV | 1226120 | 5564715 | 95.44% | 11.435% |
| 36 | 13.740 | 1740 | 1745 | 1753 | rVB2 | 23524 | 39691 | 0.68% | 0.082% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

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\SFAM-EPA-BG102721.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.028 | 1789 | 1794 | 1801 | rVB6 | 6324 | 11844 | 0.20% | 0.024% |
| 38 | 14.263 | 1826 | 1834 | 1846 | rBV | 399490 | 638801 | 10.96% | 1.313% |
| 39 | 14.504 | 1871 | 1875 | 1879 | rBV2 | 12467 | 18203 | 0.31% | 0.037% |
| 40 | 14.563 | 1879 | 1885 | 1894 | rVB | 388449 | 643999 | 11.05% | 1.323% |
| 41 | 14.704 | 1902 | 1909 | 1913 | rBV2 | 9676 | 15407 | 0.26% | 0.032% |
| 42 | 14.804 | 1918 | 1926 | 1931 | rBV | 63918 | 102063 | 1.75% | 0.210% |
| 43 | 14.868 | 1931 | 1937 | 1951 | rVB2 | 277308 | 504144 | 8.65% | 1.036% |
| 44 | 15.056 | 1961 | 1969 | 1976 | rBV3 | 35096 | 65555 | 1.12% | 0.135% |
| 45 | 15.215 | 1991 | 1996 | 1999 | rBV6 | 4209 | 6494 | 0.11% | 0.013% |
| 46 | 15.297 | 1999 | 2010 | 2028 | rBV | 947351 | 2208613 | 37.88% | 4.539% |
| 47 | 15.632 | 2063 | 2067 | 2073 | rVB7 | 4647 | 8505 | 0.15% | 0.017% |
| 48 | 15.855 | 2097 | 2105 | 2114 | rVB | 518669 | 841862 | 14.44% | 1.730% |
| 49 | 15.967 | 2116 | 2124 | 2135 | rBV | 165799 | 269837 | 4.63% | 0.555% |
| 50 | 16.090 | 2142 | 2145 | 2151 | rVB5 | 6040 | 9112 | 0.16% | 0.019% |
| 51 | 16.155 | 2151 | 2156 | 2161 | rBV5 | 7500 | 13654 | 0.23% | 0.028% |
| 52 | 16.255 | 2167 | 2173 | 2178 | rBV6 | 11432 | 23574 | 0.40% | 0.048% |
| 53 | 16.314 | 2181 | 2183 | 2190 | rVB2 | 6446 | 8878 | 0.15% | 0.018% |
| 54 | 16.390 | 2190 | 2196 | 2197 | rBV5 | 5020 | 8410 | 0.14% | 0.017% |
| 55 | 16.425 | 2199 | 2202 | 2206 | rVV4 | 11060 | 13308 | 0.23% | 0.027% |
| 56 | 16.484 | 2206 | 2212 | 2219 | rVB | 81568 | 115655 | 1.98% | 0.238% |
| 57 | 16.549 | 2219 | 2223 | 2230 | rVB | 30510 | 41173 | 0.71% | 0.085% |
| 58 | 16.801 | 2260 | 2266 | 2277 | rBV | 121752 | 230723 | 3.96% | 0.474% |
| 59 | 17.001 | 2291 | 2300 | 2322 | rBV | 740594 | 1404432 | 24.09% | 2.886% |
| 60 | 17.418 | 2366 | 2371 | 2376 | rVB7 | 8585 | 15600 | 0.27% | 0.032% |
| 61 | 17.471 | 2376 | 2380 | 2384 | rBV7 | 5535 | 10207 | 0.18% | 0.021% |
| 62 | 17.518 | 2384 | 2388 | 2394 | rVV6 | 19776 | 31552 | 0.54% | 0.065% |
| 63 | 17.618 | 2398 | 2405 | 2411 | rVB | 324244 | 522353 | 8.96% | 1.073% |
| 64 | 17.712 | 2415 | 2421 | 2429 | rBV | 566106 | 900005 | 15.44% | 1.849% |
| 65 | 17.847 | 2439 | 2444 | 2447 | rBV6 | 7290 | 14162 | 0.24% | 0.029% |
| 66 | 18.012 | 2465 | 2472 | 2482 | rBV6 | 39983 | 110134 | 1.89% | 0.226% |
| 67 | 18.111 | 2484 | 2489 | 2495 | rVB | 101220 | 133903 | 2.30% | 0.275% |
| 68 | 18.170 | 2495 | 2499 | 2506 | rVB4 | 11957 | 22881 | 0.39% | 0.047% |
| 69 | 18.247 | 2508 | 2512 | 2519 | rVB | 34731 | 49547 | 0.85% | 0.102% |
| 70 | 18.358 | 2521 | 2531 | 2541 | rBV | 230533 | 524171 | 8.99% | 1.077% |
| 71 | 18.511 | 2547 | 2557 | 2580 | rBV2 | 2111187 | 4376800 | 75.07% | 8.994% |
| 72 | 19.410 | 2706 | 2710 | 2714 | rBV2 | 73338 | 81722 | 1.40% | 0.168% |
| 73 | 19.539 | 2729 | 2732 | 2740 | rVB3 | 24894 | 34465 | 0.59% | 0.071% |
| 74 | 19.651 | 2744 | 2751 | 2762 | rBV | 883741 | 1643562 | 28.19% | 3.377% |
| 75 | 19.768 | 2764 | 2771 | 2788 | rVB | 1434050 | 2662071 | 45.66% | 5.470% |
| 76 | 19.992 | 2804 | 2809 | 2817 | rVB | 655545 | 967599 | 16.60% | 1.988% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

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\SFAM-EPA-BG102721.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 21.543 | 3069 | 3073 | 3081 | rVB8 | 25144 | 52970 | 0.91% | 0.109% |
| 78 | 21.919 | 3131 | 3137 | 3145 | rVB | 288957 | 502769 | 8.62% | 1.033% |
| 79 | 23.664 | 3429 | 3434 | 3443 | rVB2 | 26538 | 54058 | 0.93% | 0.111% |
| 80 | 24.310 | 3539 | 3544 | 3545 | rBV4 | 14910 | 20722 | 0.36% | 0.043% |
| 81 | 25.103 | 3667 | 3679 | 3692 | rVB2 | 309929 | 911290 | 15.63% | 1.873% |
| 82 | 25.338 | 3707 | 3719 | 3732 | rBV2 | 179398 | 552615 | 9.48% | 1.136% |
| 83 | 26.537 | 3916 | 3923 | 3931 | rVB6 | 21172 | 63184 | 1.08% | 0.130% |
| 84 | 27.988 | 4160 | 4170 | 4178 | rBV3 | 18034 | 62556 | 1.07% | 0.129% |
| 85 | 29.739 | 4460 | 4468 | 4470 | rBV8 | 10433 | 26058 | 0.45% | 0.054% |

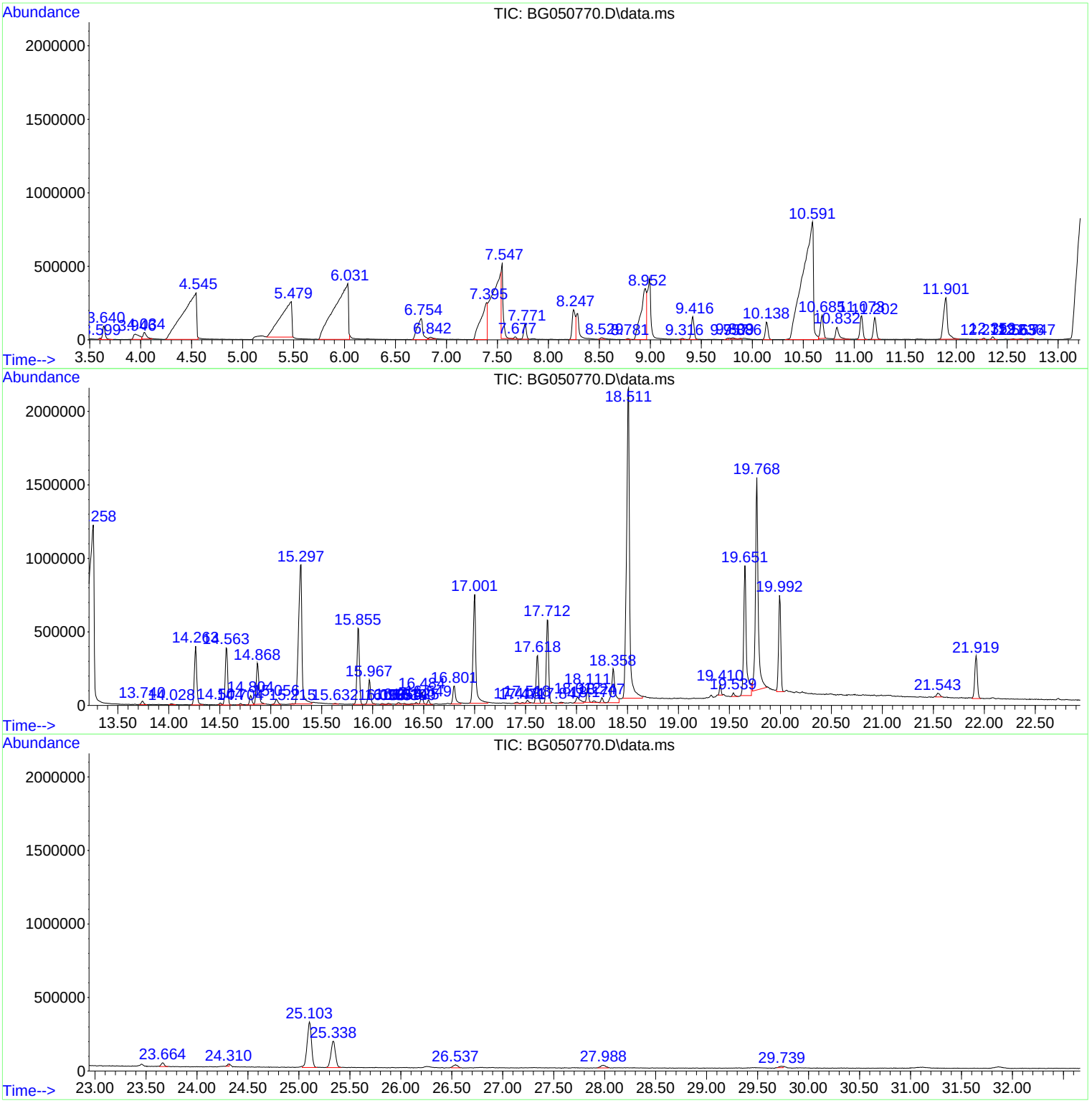
Sum of corrected areas: 48662599

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

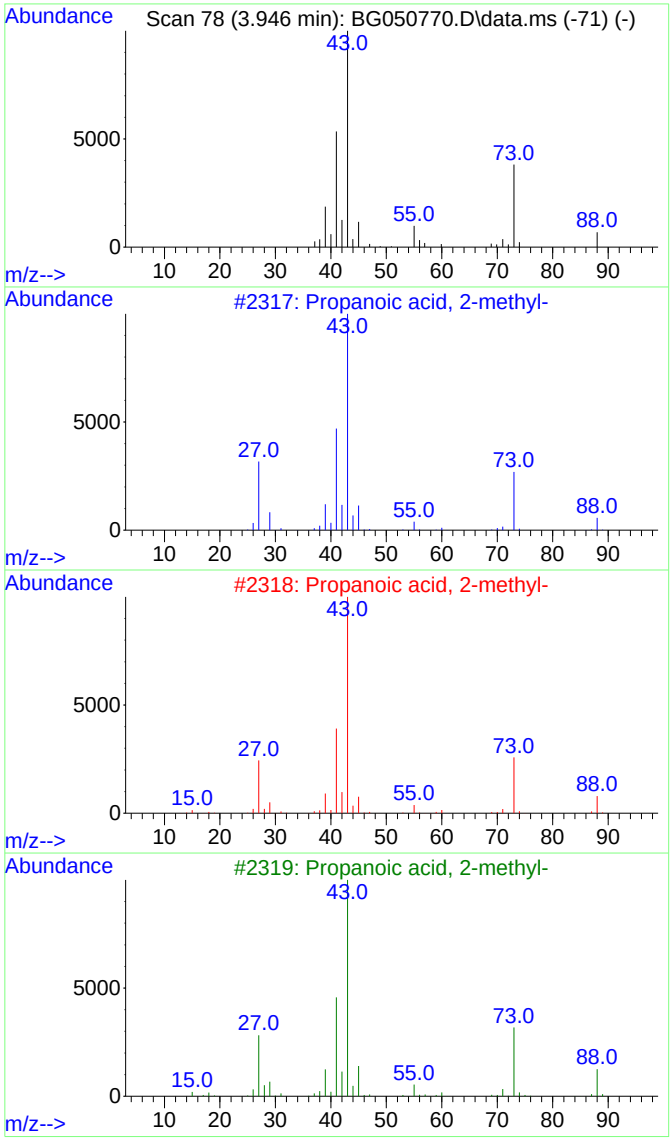
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

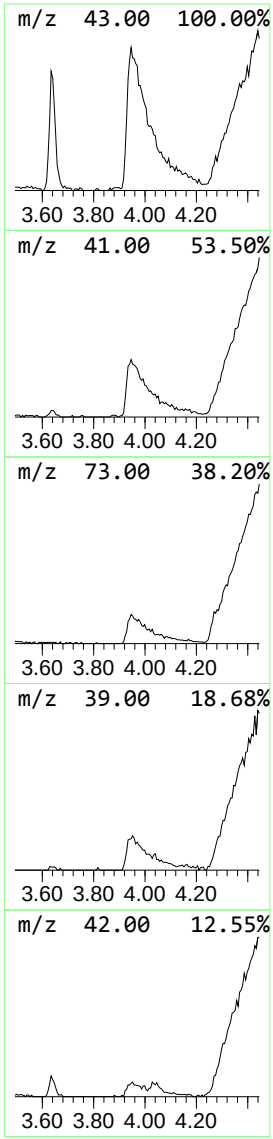
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.946 | 6.19 ng/ul | 145078 | 1,4-Dichlorobenzene-d4 | 8.241 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 80 |
| 2 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 78 |
| 3 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 78 |
| 4 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 64 |
| 5 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

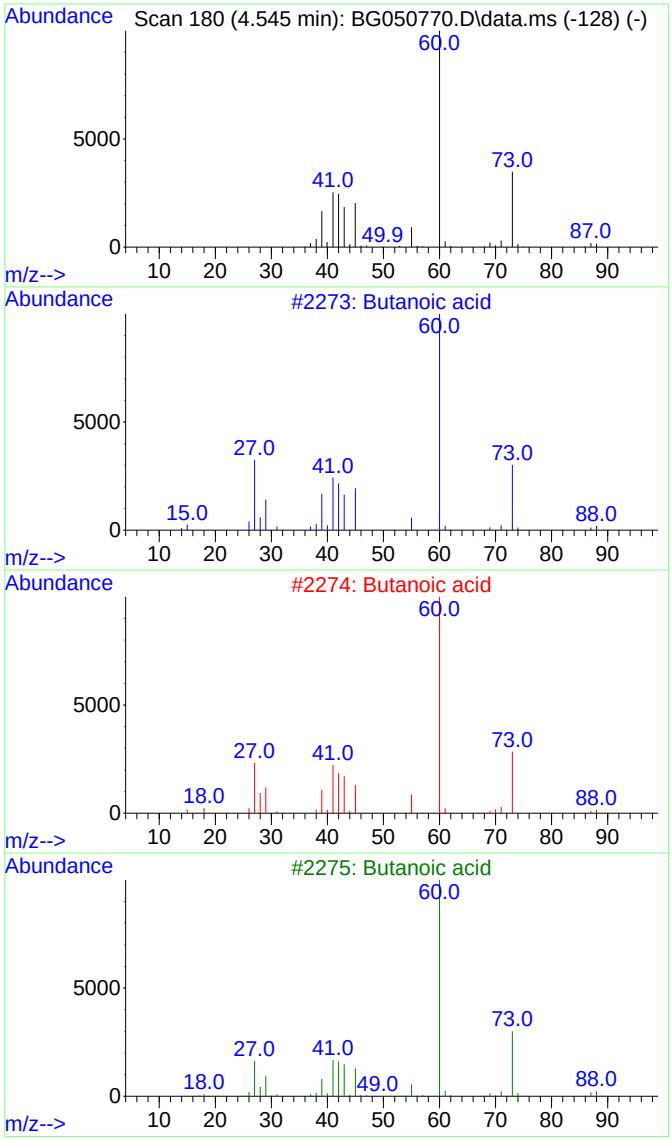
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

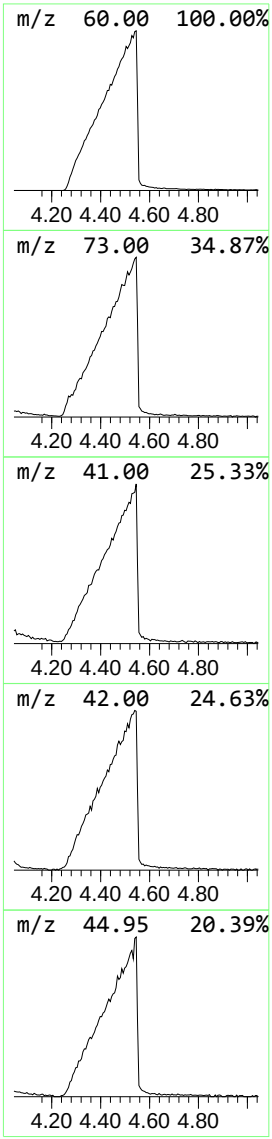
**********

Peak Number 2 Butanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.545 | 126.14 ng/ul | 2957300 | 1,4-Dichlorobenzene-d4 | 8.241 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 90 |
| 2 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 83 |
| 3 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 80 |
| 4 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 64 |
| 5 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

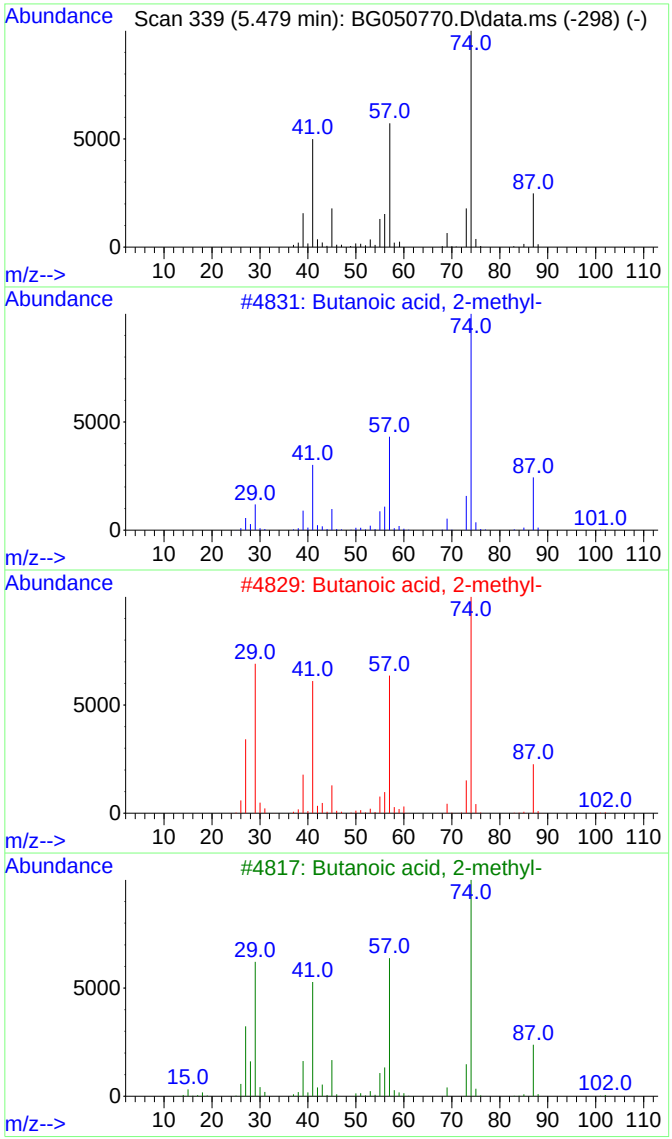
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

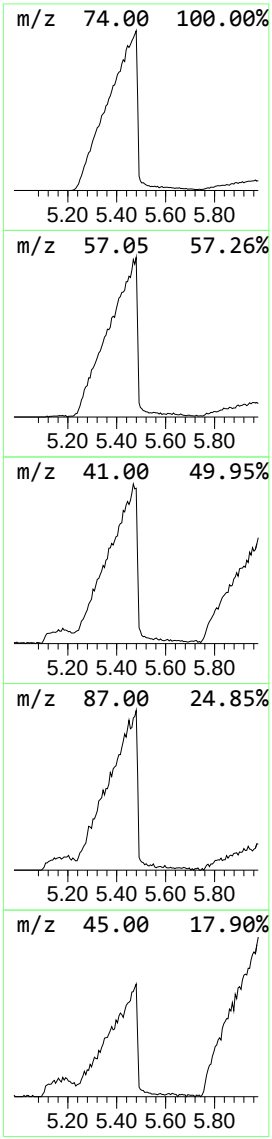
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Butanoic acid, 2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.479 | 79.86 ng/ul | 1872390 | 1,4-Dichlorobenzene-d4 | 8.241 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 90 |
| 2 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 83 |
| 3 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 78 |
| 4 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 56 |
| 5 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

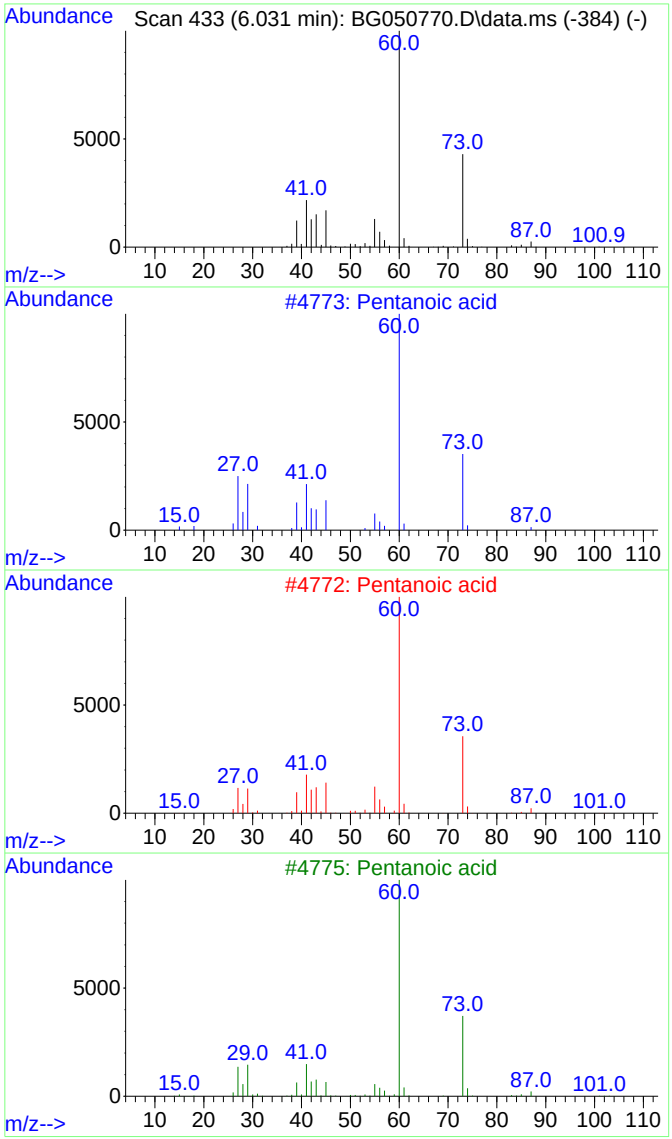
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

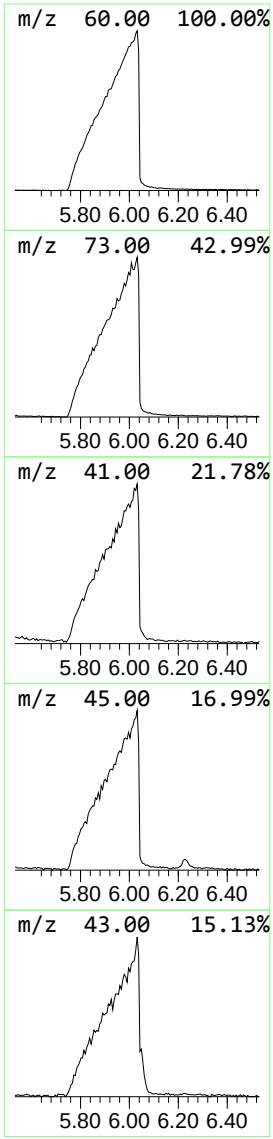
**********

Peak Number 4 Pentanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.031 | 153.17 ng/ul | 3591060 | 1,4-Dichlorobenzene-d4 | 8.241 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 83 |
| 2 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 83 |
| 3 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 78 |
| 4 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 78 |
| 5 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

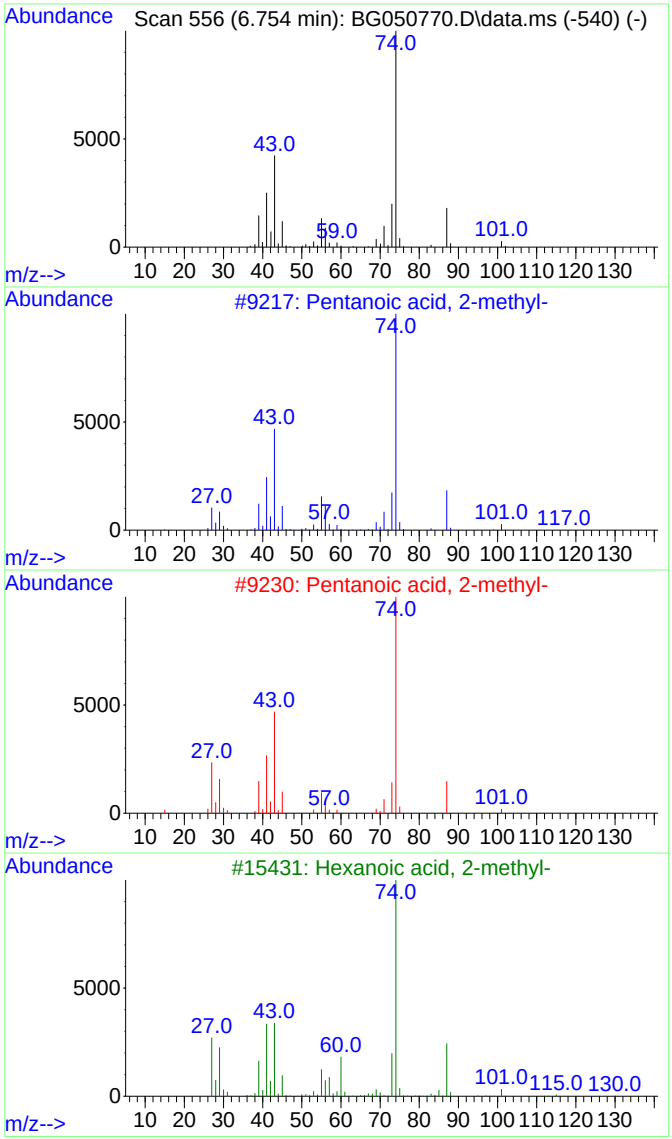
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

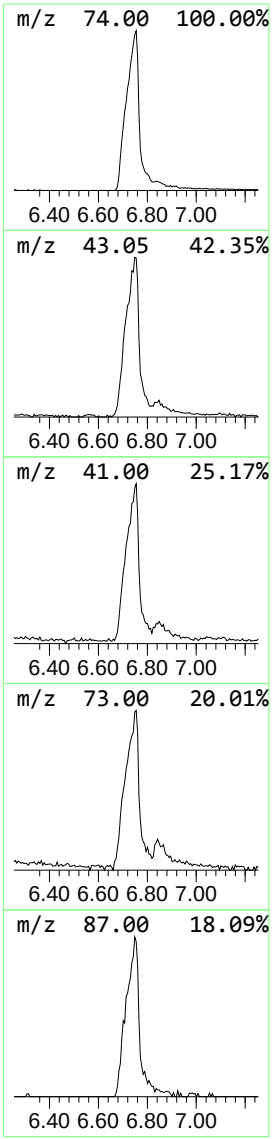
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Pentanoic acid, 2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.754 | 23.23 ng/ul | 544665 | 1,4-Dichlorobenzene-d4 | 8.241 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 90 |
| 2 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 83 |
| 3 | Hexanoic acid, 2-methyl- | 130 | C7H14O2 | 004536-23-6 | 78 |
| 4 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 72 |
| 5 | Hexanoic acid, 2-methyl- | 130 | C7H14O2 | 004536-23-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

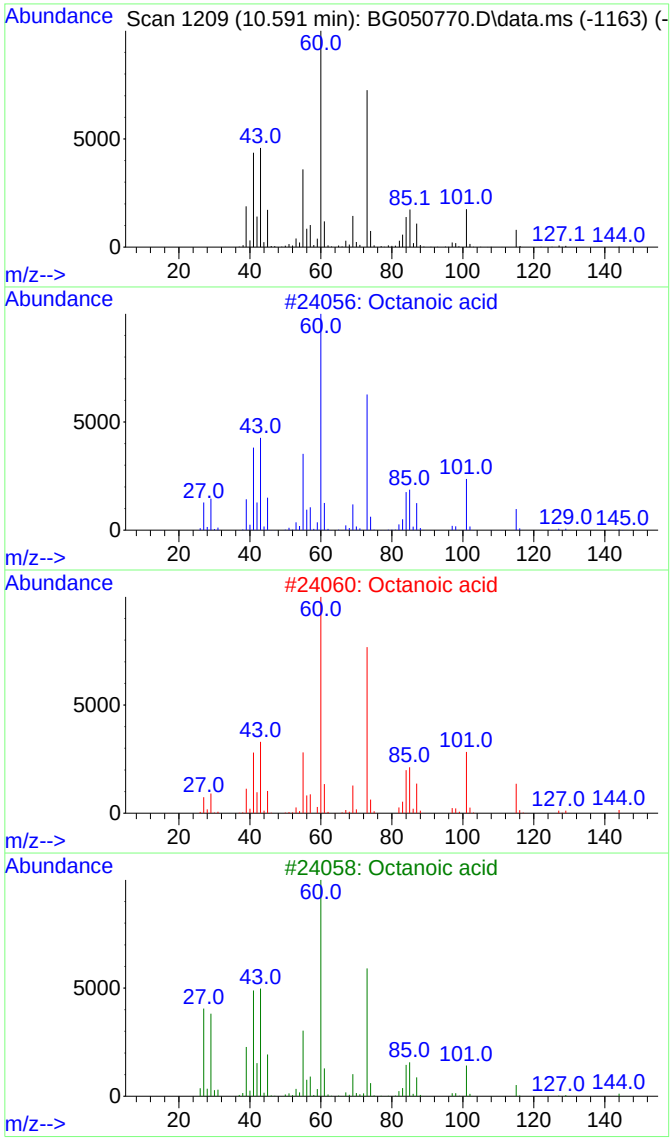
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

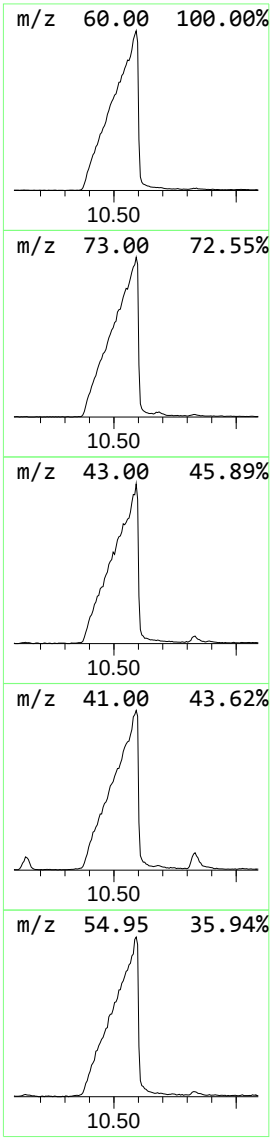
**********

Peak Number 6 Octanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.591 | 385.49 ng/ul | 5830660 | Naphthalene-d8 | 11.073 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 97 |
| 2 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 93 |
| 3 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 90 |
| 4 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 86 |
| 5 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

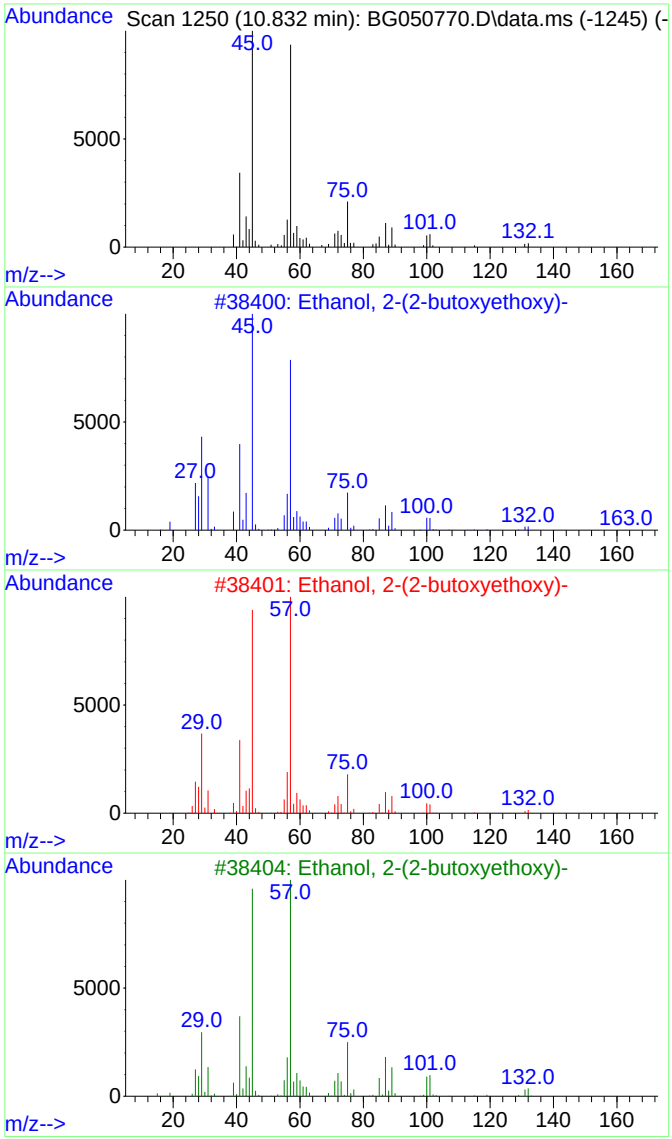
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

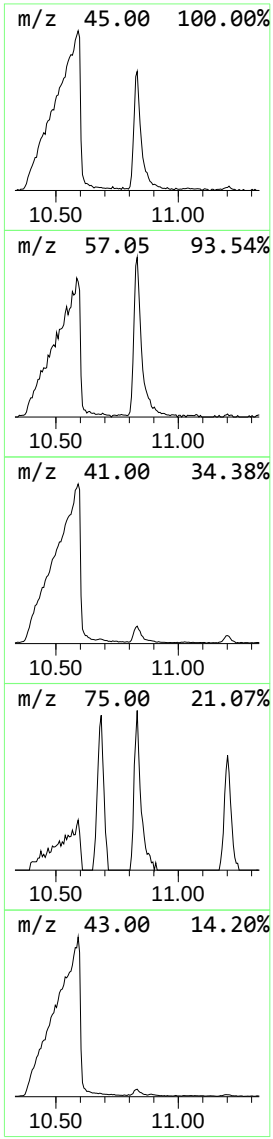
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.832 | 12.39 ng/ul | 187430 | Naphthalene-d8 | 11.073 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 3 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83 |
| 4 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 5 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

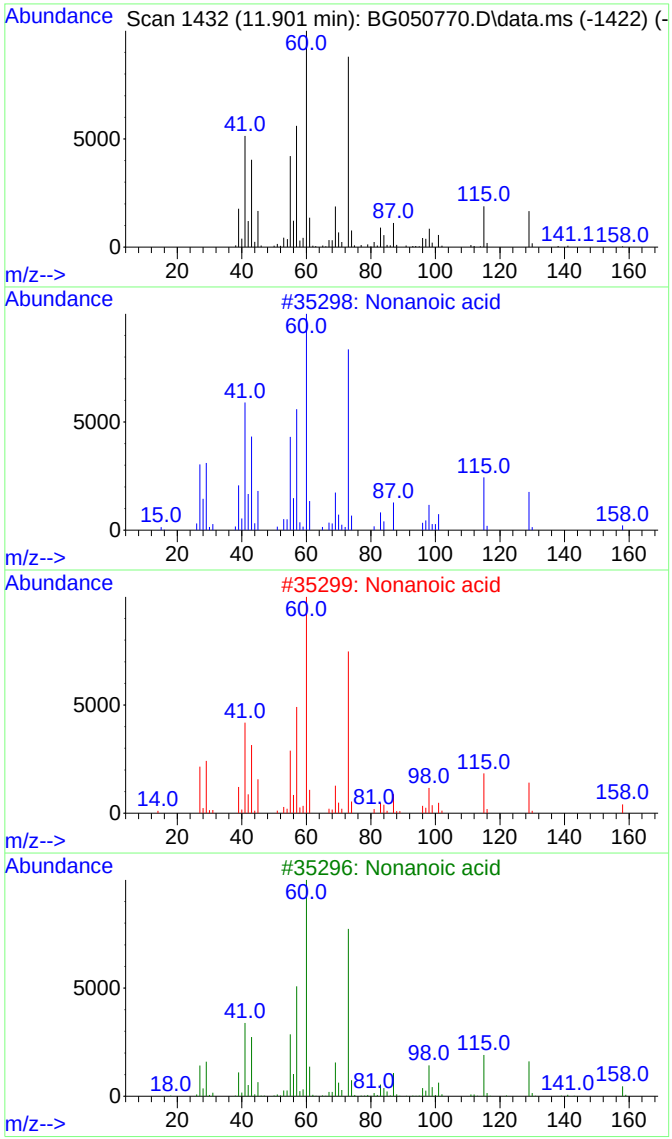
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

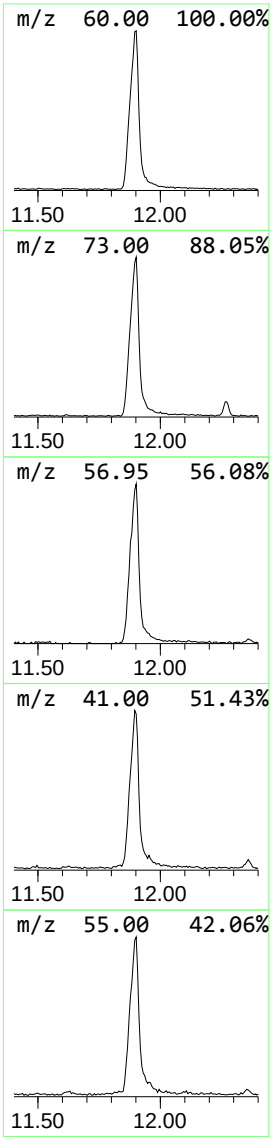
**********

Peak Number 8 Nonanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.901 | 50.93 ng/ul | 770340 | Naphthalene-d8 | 11.073 |

| 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 | 90 |
| 3 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 86 |
| 4 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 59 |
| 5 | Octanoic acid, silver(1+) salt | 250 | C8H15AgO2 | 024927-67-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

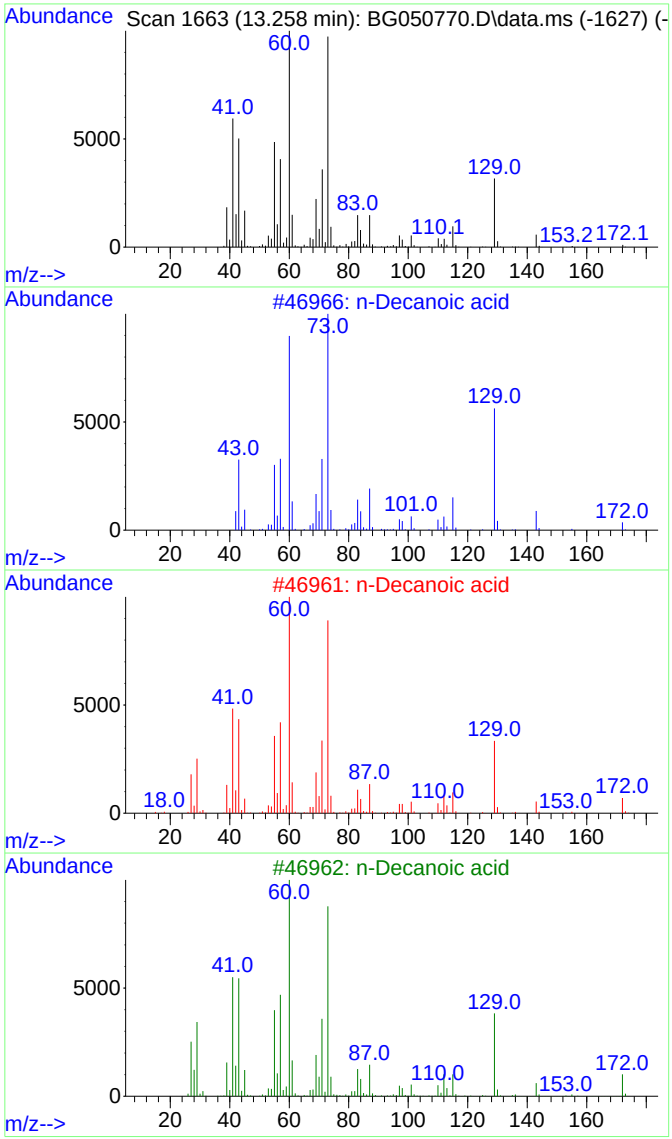
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

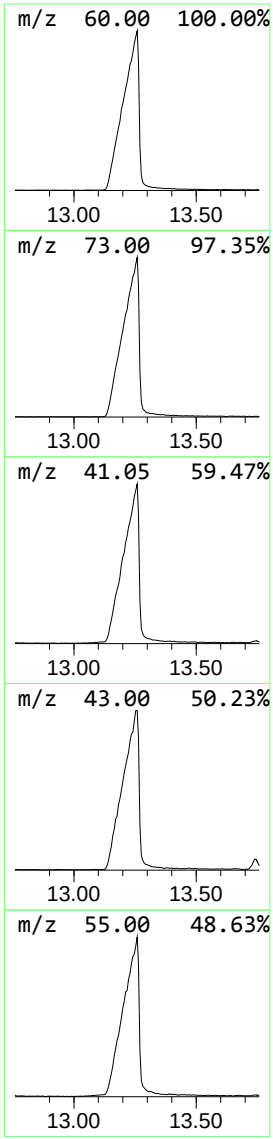
**********

Peak Number 9 n-Decanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.258 | 220.76 ng/ul | 5564720 | Acenaphthene-d10 | 14.868 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 94 |
| 2 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 90 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 90 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 90 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

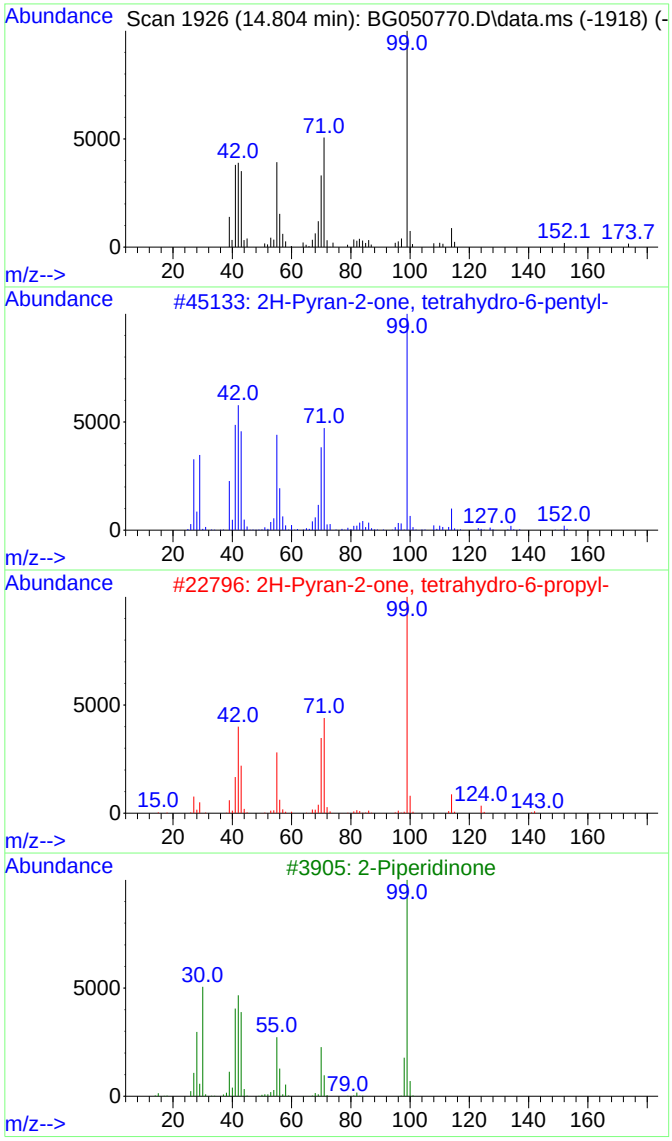
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

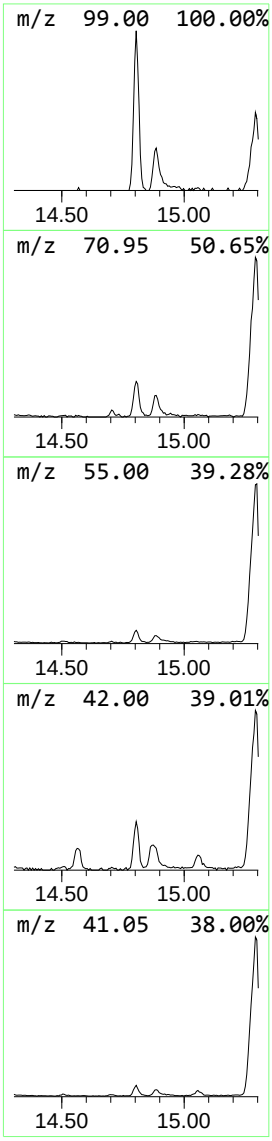
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 2H-Pyran-2-one, tetrahydro-... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.804 | 4.05 ng/ul | 102063 | Acenaphthene-d10 | 14.868 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Pyran-2-one, tetrahydro-6-pen... | 170 | C10H18O2 | 000705-86-2 | 80 |
| 2 | 2H-Pyran-2-one, tetrahydro-6-pro... | 142 | C8H14O2 | 000698-76-0 | 78 |
| 3 | 2-Piperidinone | 99 | C5H9NO | 000675-20-7 | 64 |
| 4 | 2H-Pyran-2-one, tetrahydro-6-pen... | 170 | C10H18O2 | 000705-86-2 | 64 |
| 5 | 2H-Pyran-2-one, tetrahydro-6-pen... | 170 | C10H18O2 | 000705-86-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

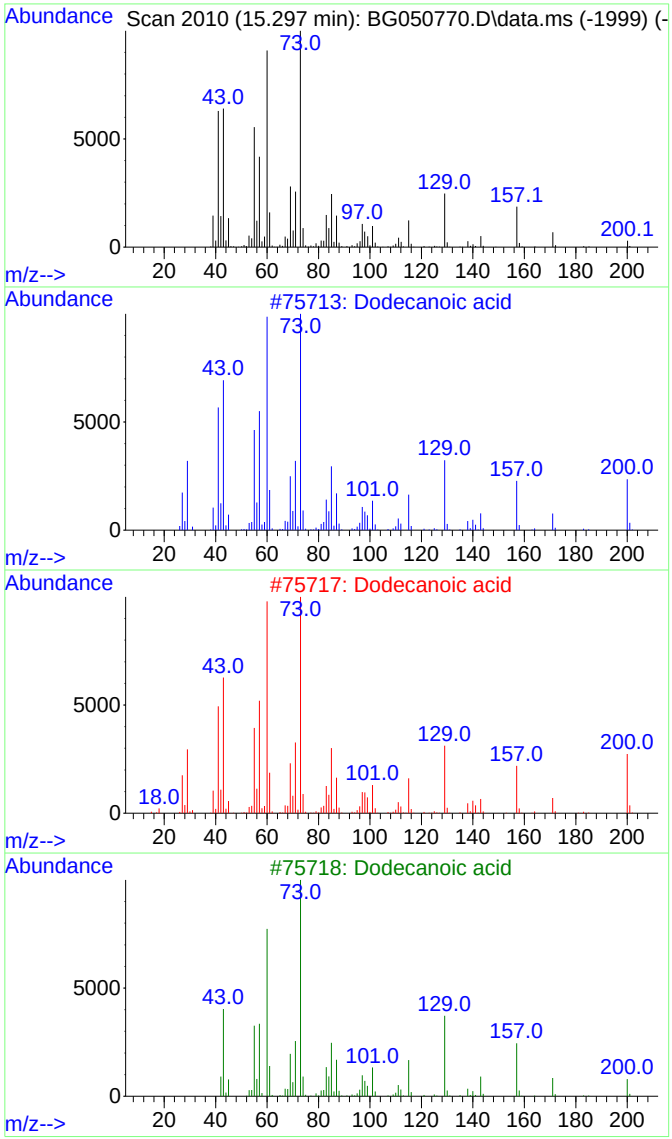
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

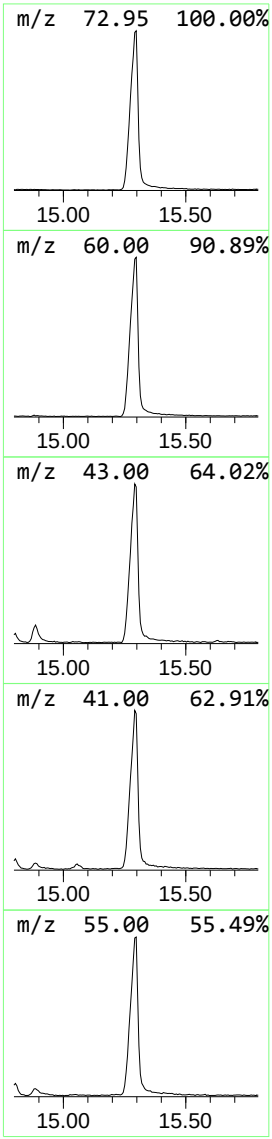
**********

Peak Number 11 Dodecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.297 | 87.62 ng/ul | 2208610 | Acenaphthene-d10 | 14.868 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 94 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 94 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 91 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 87 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

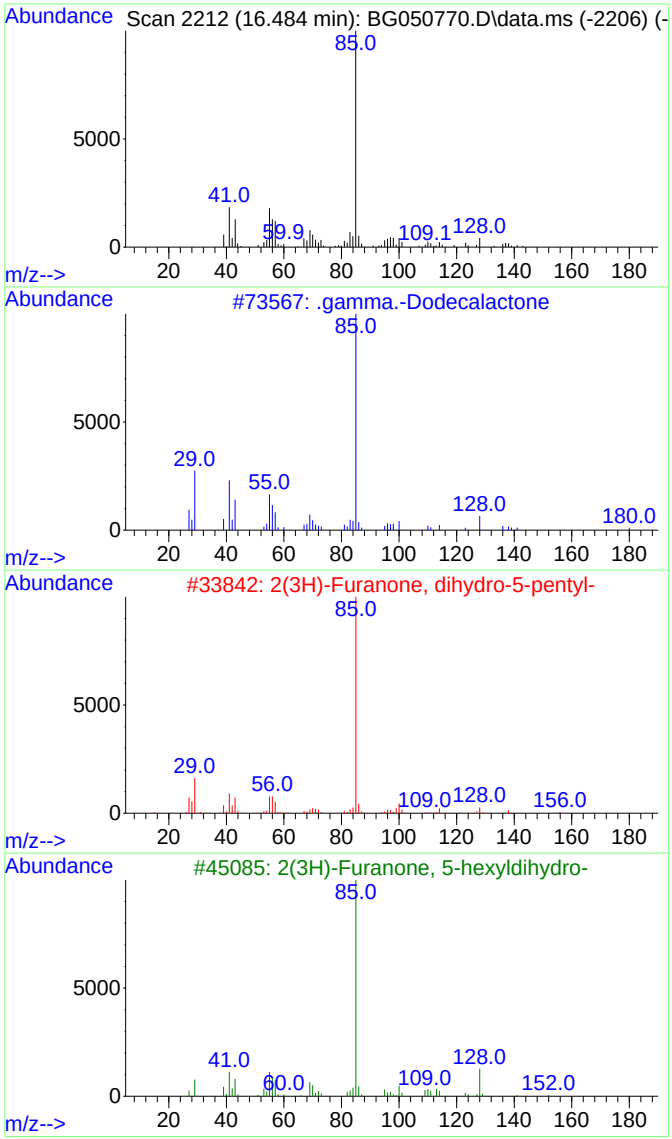
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

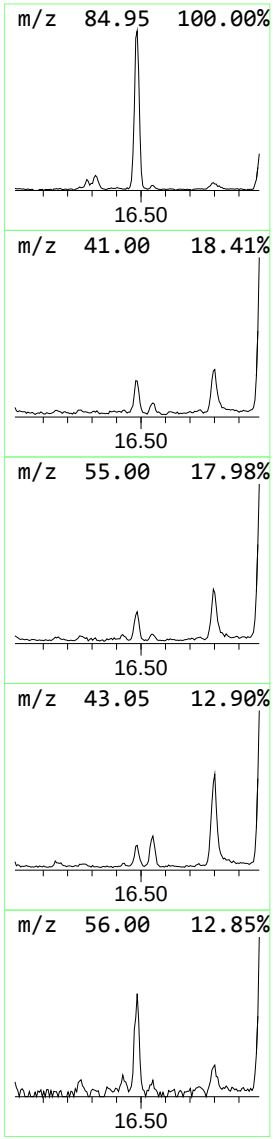
**********

Peak Number 12 .gamma.-Dodecalactone Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.484 | 4.43 ng/ul | 115655 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .gamma.-Dodecalactone | 198 | C12H22O2 | 002305-05-7 | 72 |
| 2 | 2(3H)-Furanone, dihydro-5-pentyl- | 156 | C9H16O2 | 000104-61-0 | 72 |
| 3 | 2(3H)-Furanone, 5-hexyldihydro- | 170 | C10H18O2 | 000706-14-9 | 72 |
| 4 | 2(3H)-Furanone, 5-heptyldihydro- | 184 | C11H20O2 | 000104-67-6 | 72 |
| 5 | 2(3H)-Furanone, 5-hexyldihydro- | 170 | C10H18O2 | 000706-14-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

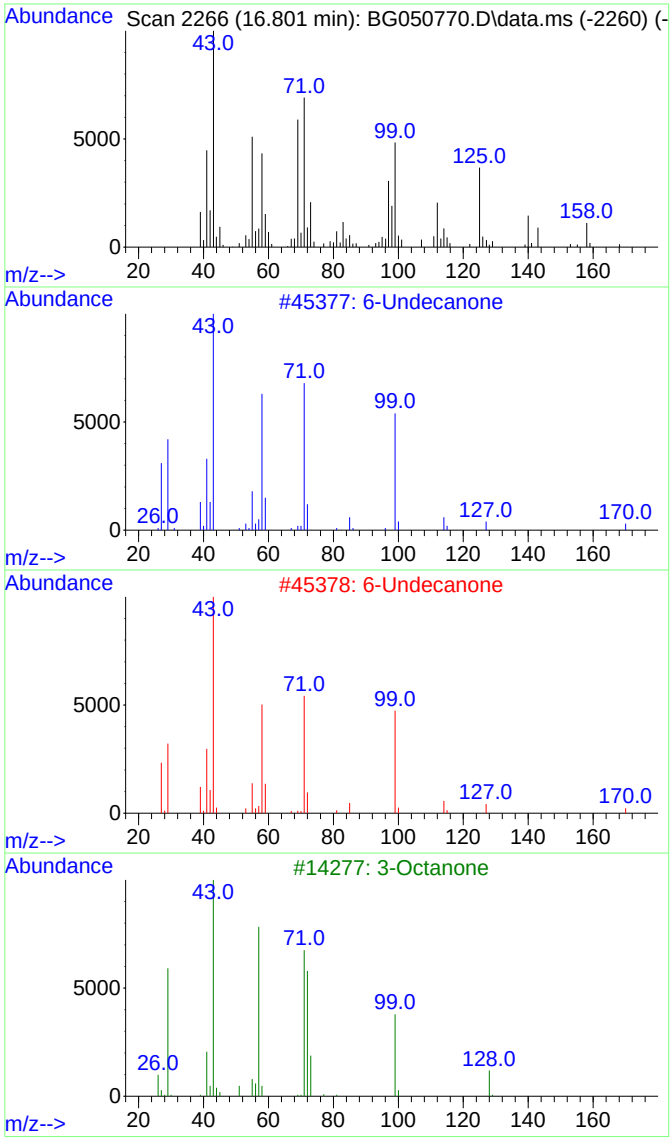
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

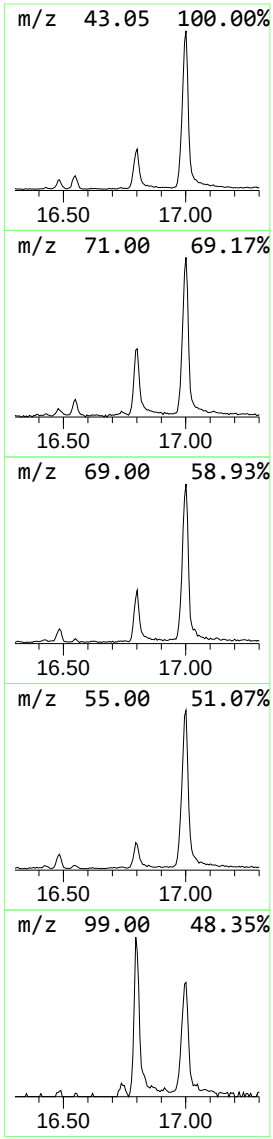
**********

Peak Number 13 unknown-01 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.801 | 8.83 ng/ul | 230723 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Undecanone | 170 | C11H22O | 000927-49-1 | 43 |
| 2 | 6-Undecanone | 170 | C11H22O | 000927-49-1 | 38 |
| 3 | 3-Octanone | 128 | C8H16O | 000106-68-3 | 27 |
| 4 | 2-Acetylthiazole | 127 | C5H5NOS | 024295-03-2 | 27 |
| 5 | Silane, ethenyldiethylmethyl- | 128 | C7H16Si | 018292-29-0 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

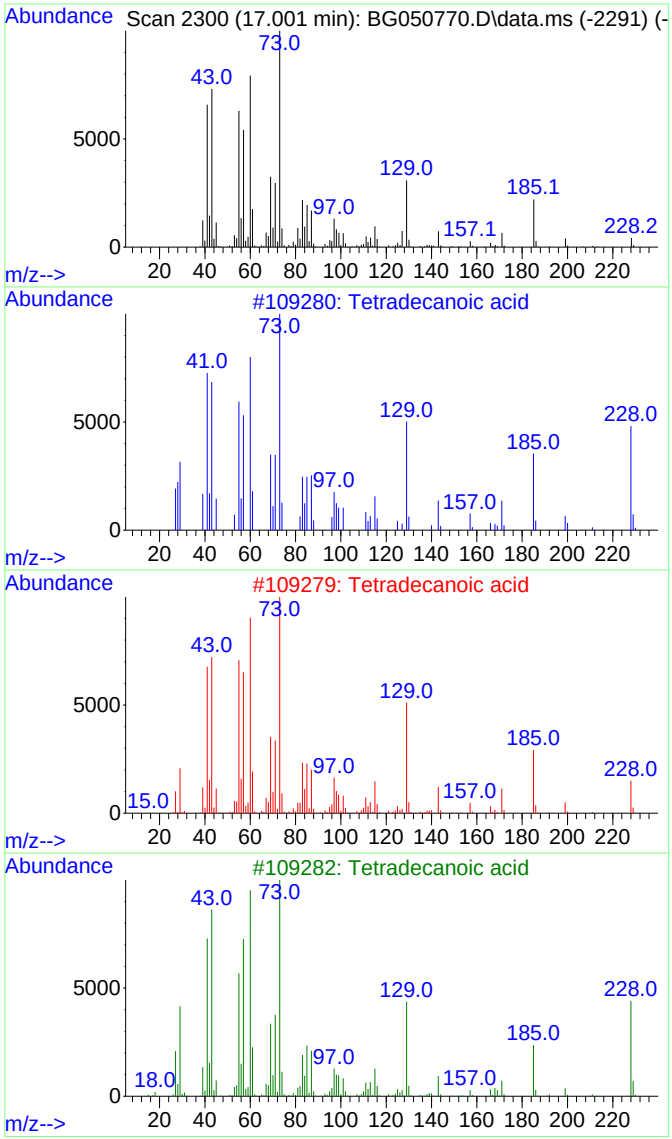
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

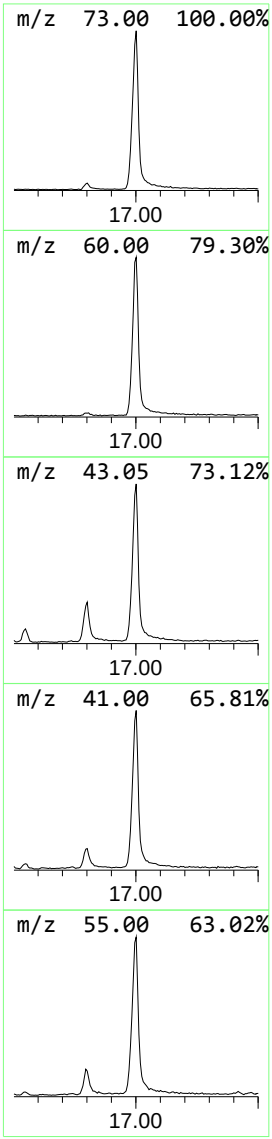
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Tetradecanoic acid Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.001 | 53.77 ng/ul | 1404430 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 97 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 94 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

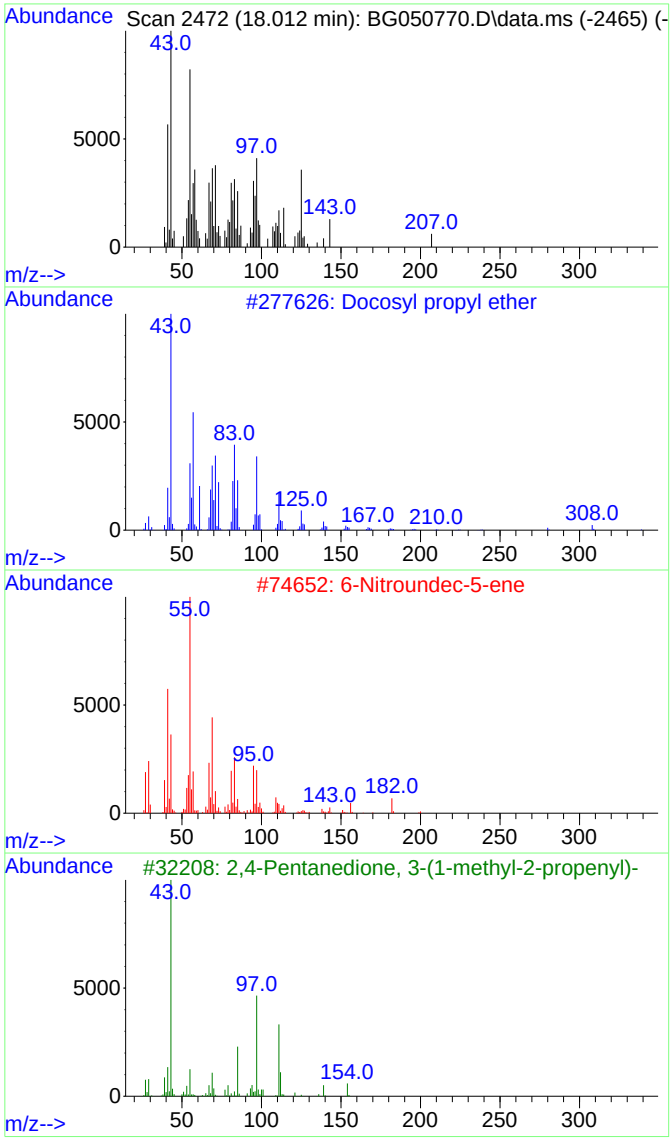
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

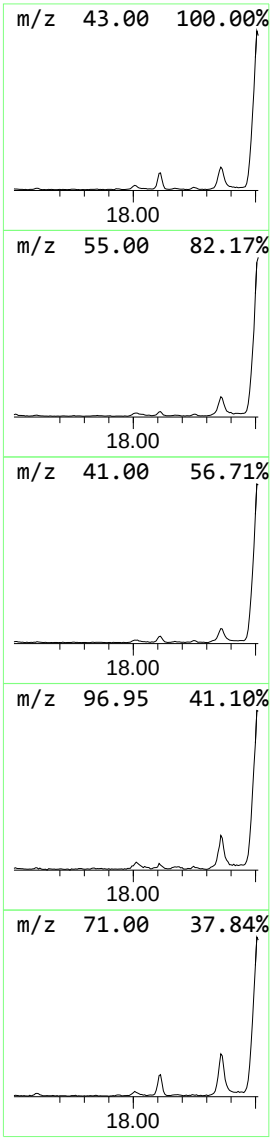
**********

Peak Number 15 unknown-02 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.012 | 4.22 ng/ul | 110134 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosyl propyl ether | 368 | C25H52O | 1000406-28-2 | 38 |
| 2 | 6-Nitroundec-5-ene | 199 | C11H21NO2 | 1000192-40-3 | 35 |
| 3 | 2,4-Pentanedione, 3-(1-methyl-2-... | 154 | C9H14O2 | 029149-83-5 | 35 |
| 4 | Hexacosyl propyl ether | 424 | C29H60O | 1000406-28-4 | 30 |
| 5 | Cyclohexanemethanol, 4-methyl-, ... | 128 | C8H16O | 003937-49-3 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

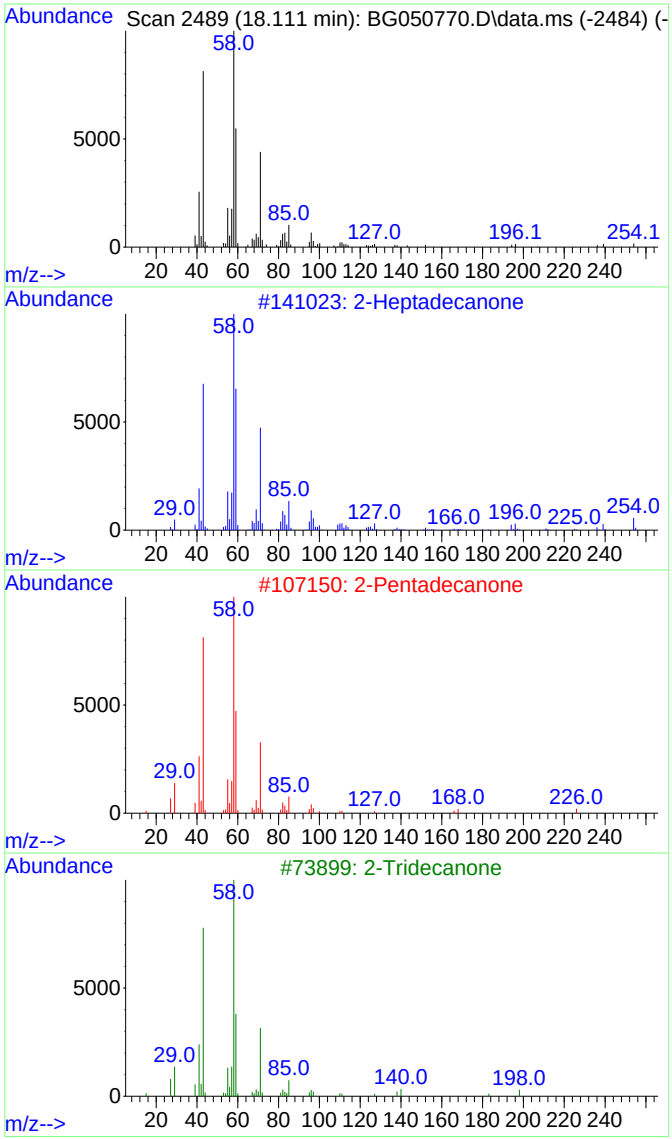
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

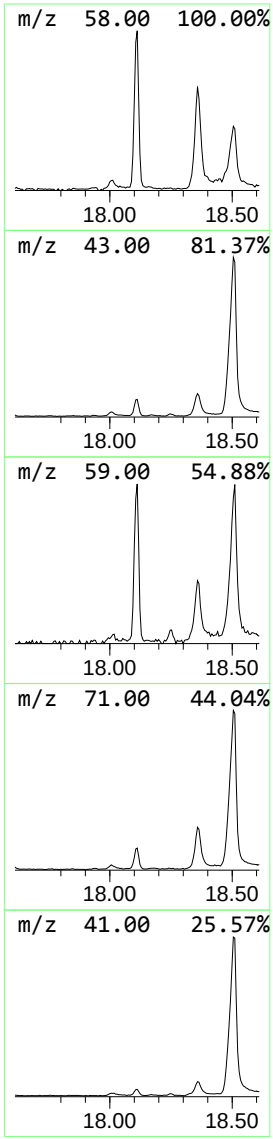
**********

Peak Number 16 2-Heptadecanone Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.111 | 5.13 ng/ul | 133903 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptadecanone | 254 | C17H34O | 002922-51-2 | 95 |
| 2 | 2-Pentadecanone | 226 | C15H30O | 002345-28-0 | 91 |
| 3 | 2-Tridecanone | 198 | C13H26O | 000593-08-8 | 90 |
| 4 | 2-Hexadecanone | 240 | C16H32O | 018787-63-8 | 86 |
| 5 | 2-Tetradecanone | 212 | C14H28O | 002345-27-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

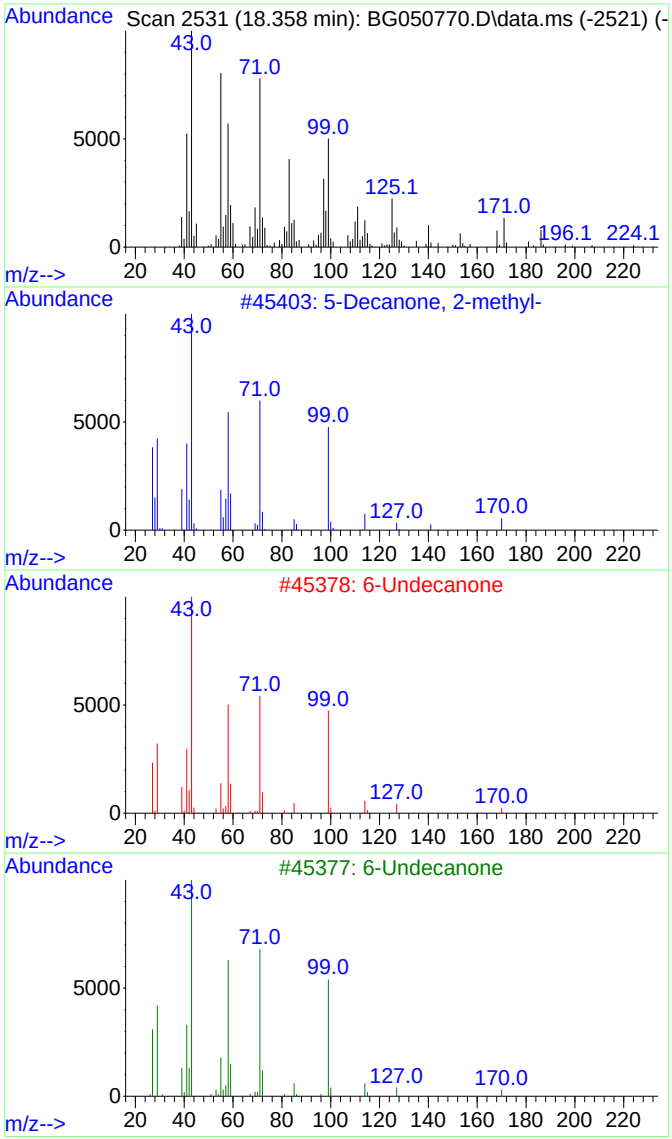
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

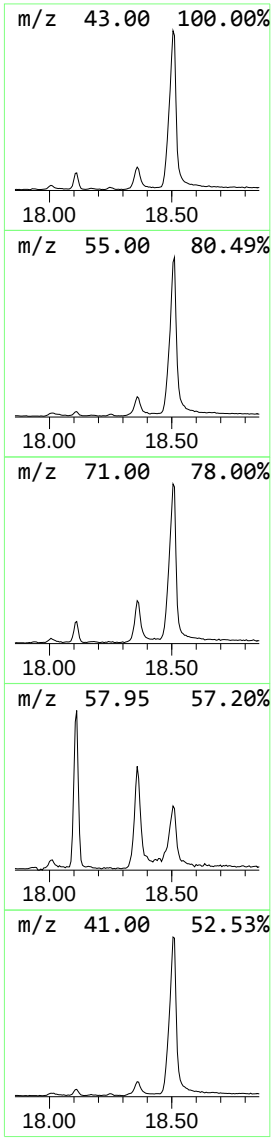
**********

Peak Number 17 6-Undecanone Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.358 | 20.07 ng/ul | 524171 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Decanone, 2-methyl- | 170 | C11H22O | 054410-89-8 | 52 |
| 2 | 6-Undecanone | 170 | C11H22O | 000927-49-1 | 50 |
| 3 | 6-Undecanone | 170 | C11H22O | 000927-49-1 | 50 |
| 4 | 7-Oxabicyclo[4.1.0]heptane, 1,5-... | 126 | C8H14O | 162239-52-3 | 46 |
| 5 | 4-Nonanone | 142 | C9H18O | 004485-09-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

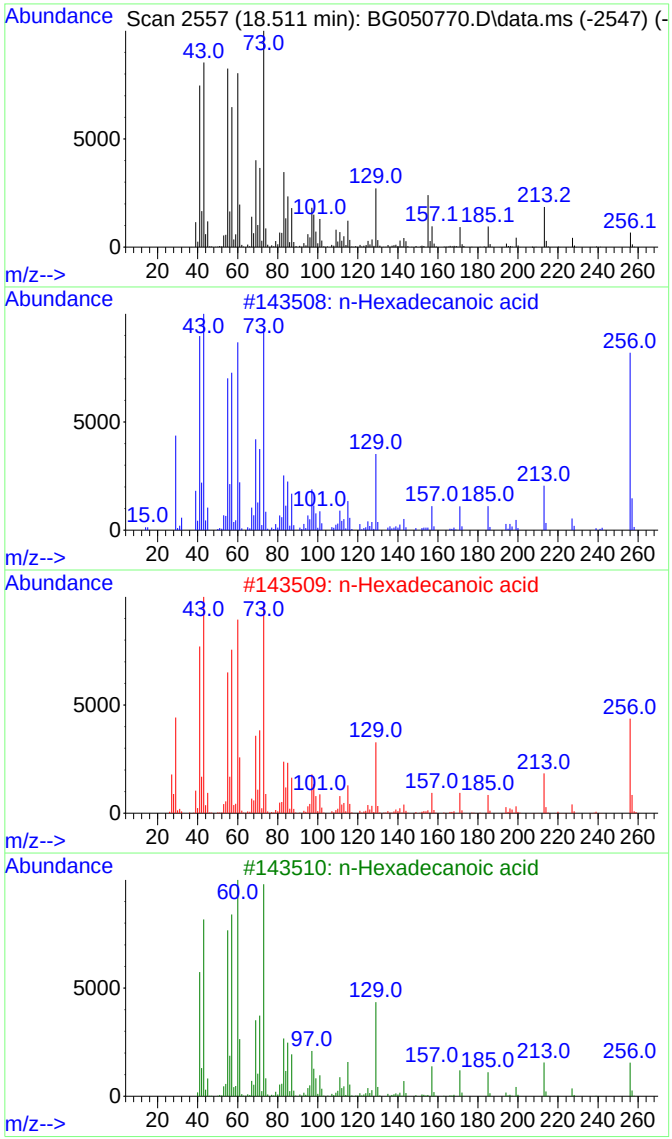
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

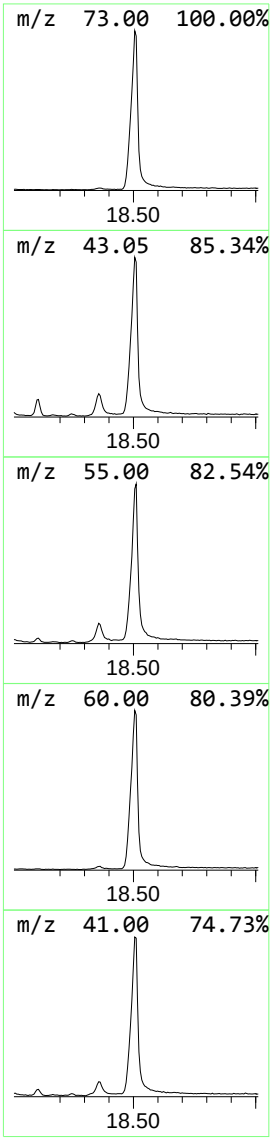
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.511 | 167.58 ng/ul | 4376800 | Phenanthrene-d10 | 17.618 |

| 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 | 98 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

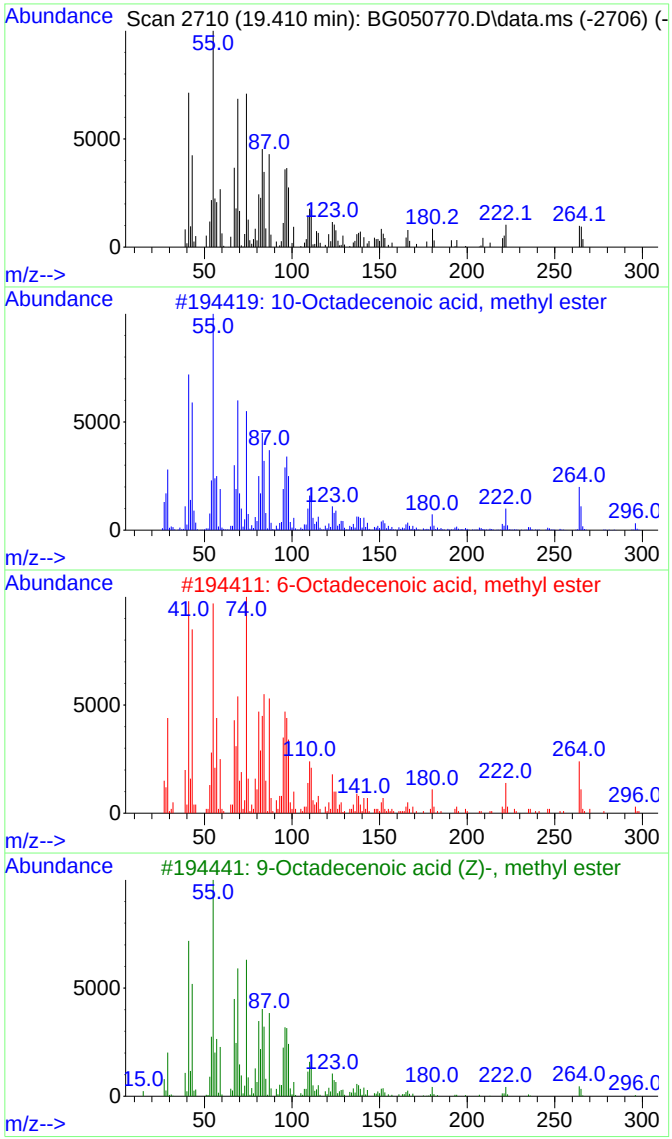
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

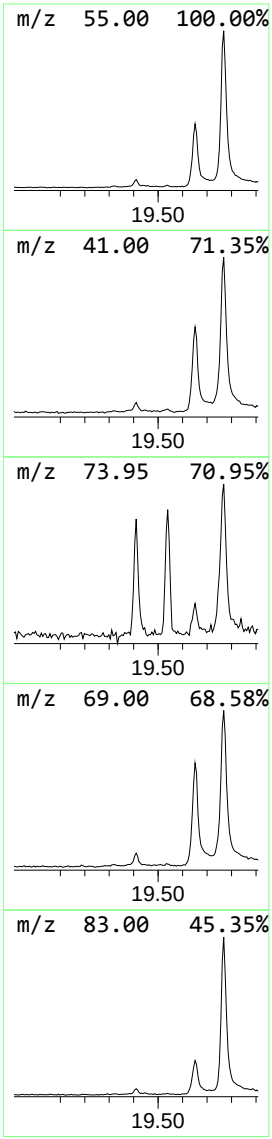
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 10-Octadecenoic acid, methy... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.410 | 3.13 ng/ul | 81722 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 013481-95-3 | 91 |
| 2 | 6-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052355-31-4 | 90 |
| 3 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 90 |
| 4 | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 90 |
| 5 | 9-Hexadecenoic acid, methyl este... | 268 | C17H32O2 | 001120-25-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

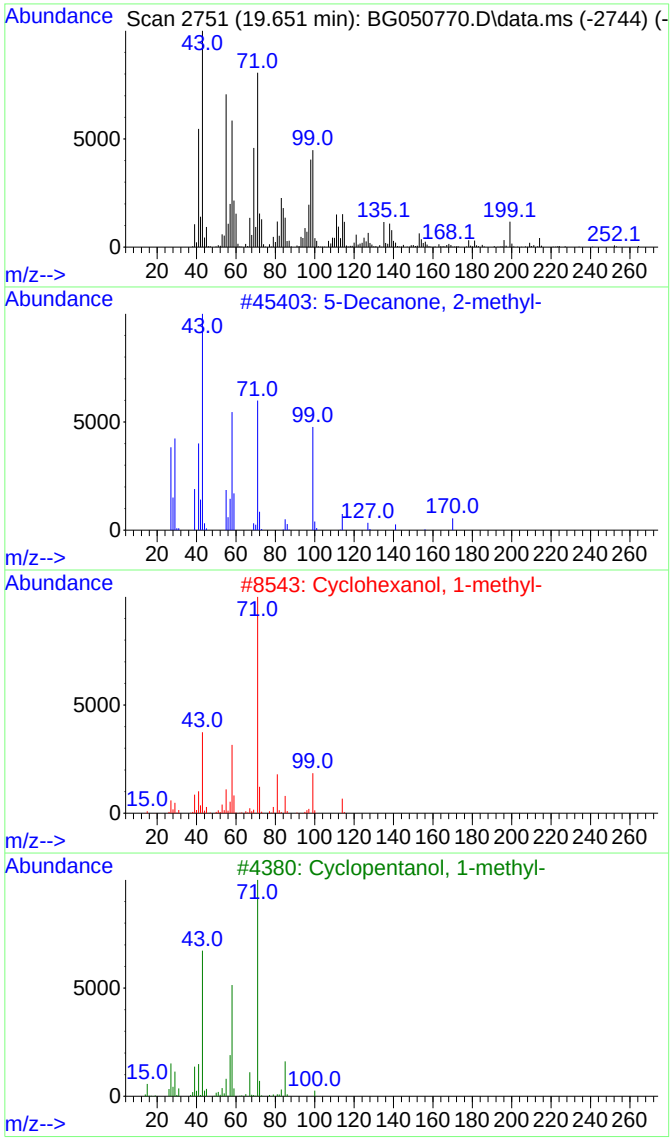
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

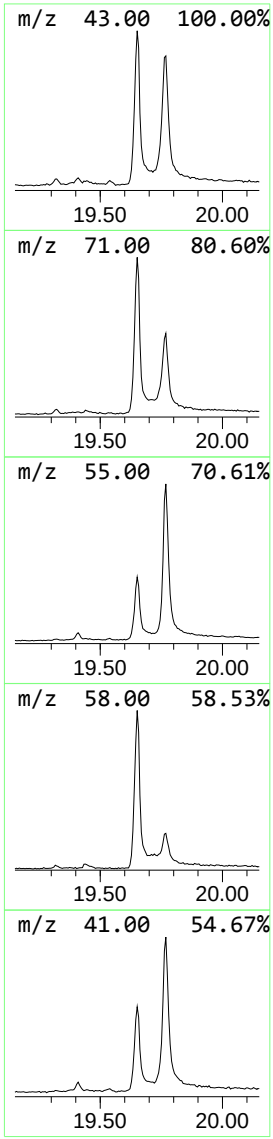
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 5-Decanone, 2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.651 | 62.93 ng/ul | 1643560 | Phenanthrene-d10 | 17.618 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Decanone, 2-methyl- | 170 | C11H22O | 054410-89-8 | 58 |
| 2 | Cyclohexanol, 1-methyl- | 114 | C7H14O | 000590-67-0 | 43 |
| 3 | Cyclopentanol, 1-methyl- | 100 | C6H12O | 001462-03-9 | 38 |
| 4 | 6-Pentadecanone | 226 | C15H30O | 001001-45-2 | 27 |
| 5 | 1-Methoxycyclohexane | 114 | C7H14O | 000931-56-6 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

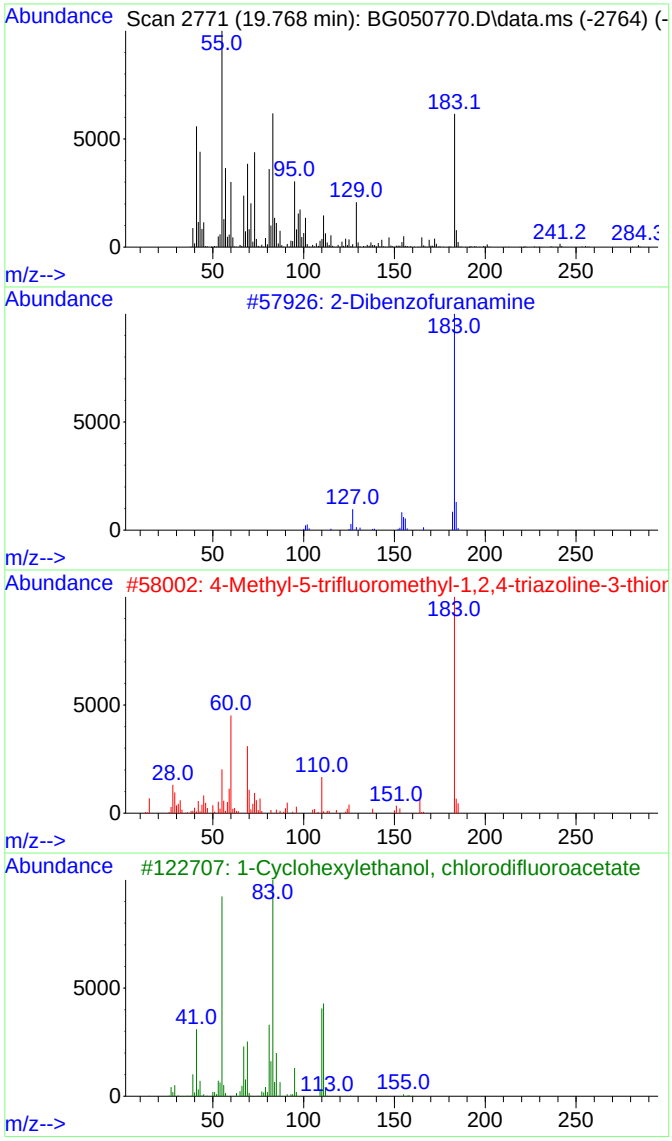
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

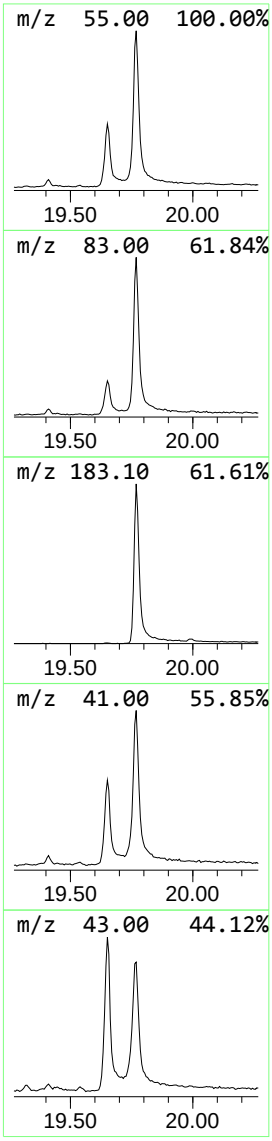
**********

Peak Number 21 unknown-03 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.768 | 105.90 ng/ul | 2662070 | Chrysene-d12 | 21.919 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Dibenzofuranamine | 183 | C12H9NO | 003693-22-9 | 38 |
| 2 | 4-Methyl-5-trifluoromethyl-1,2,4... | 183 | C4H4F3N3S | 1000343-21-9 | 25 |
| 3 | 1-Cyclohexylethanol, chlorodiflu... | 240 | C10H15ClF2O2 | 1000447-27-0 | 14 |
| 4 | 2H-Quinolizin-1-ol, octahydro- | 155 | C9H17NO | 022525-60-6 | 14 |
| 5 | 5-Bromovaleric acid, hexadecyl e... | 404 | C21H41BrO2 | 1000292-29-3 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

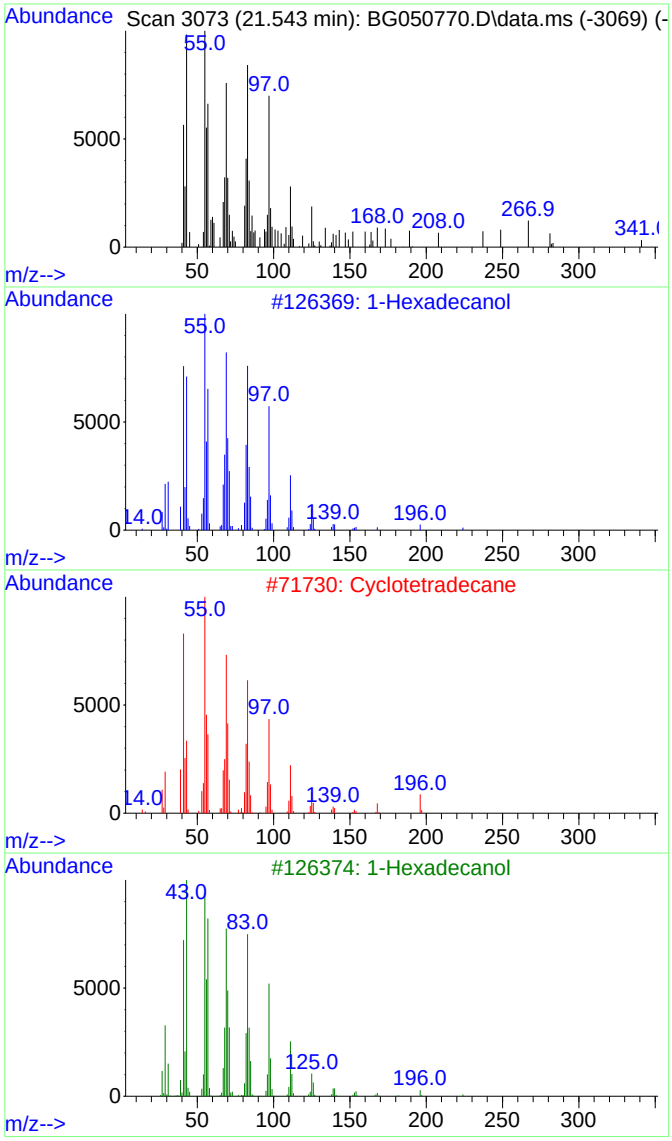
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

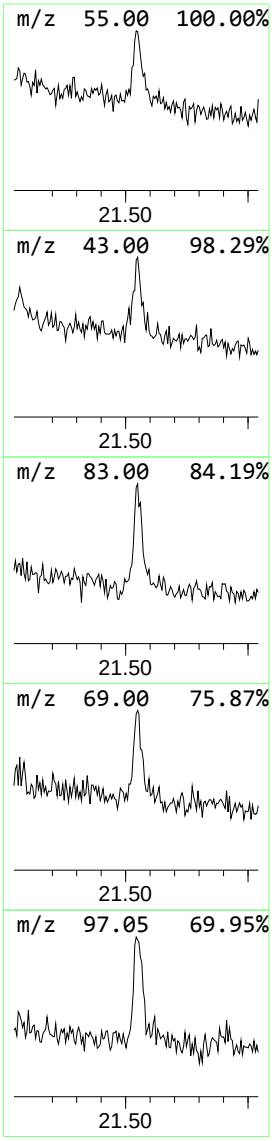
**********

Peak Number 22 1-Hexadecanol Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.543 | 2.11 ng/ul | 52970 | Chrysene-d12 | 21.919 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 91 |
| 2 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 91 |
| 3 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 90 |
| 4 | Bromoacetic acid, pentadecyl ester | 348 | C17H33BrO2 | 131143-01-6 | 90 |
| 5 | Butyl hexadecyl ether | 298 | C20H42O | 1010406-40-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

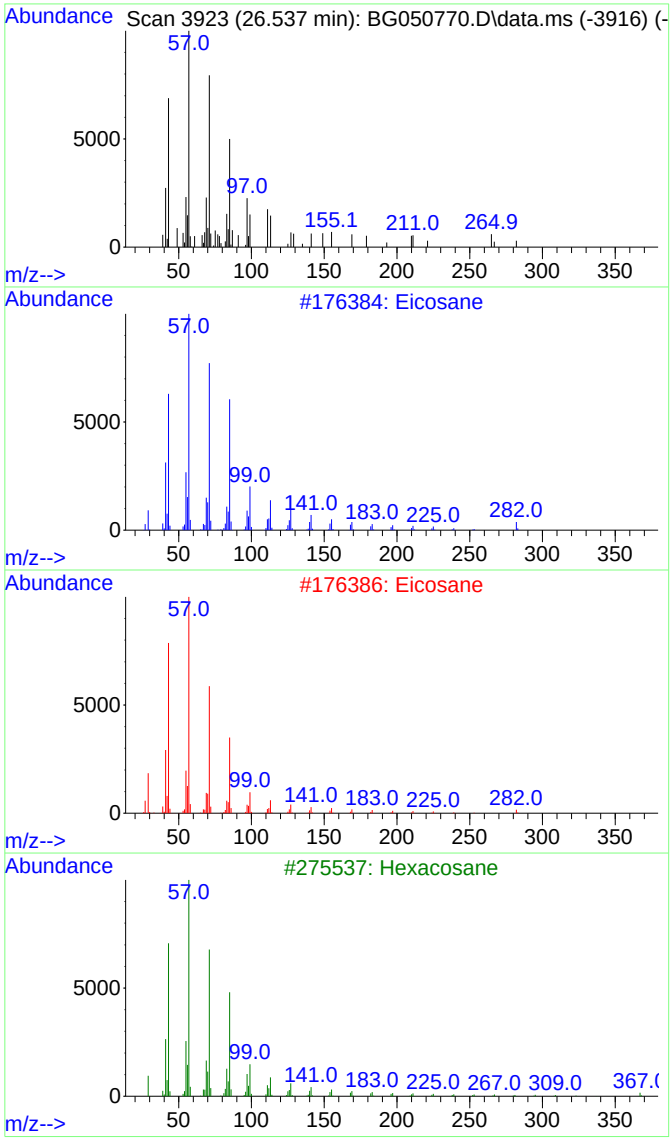
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

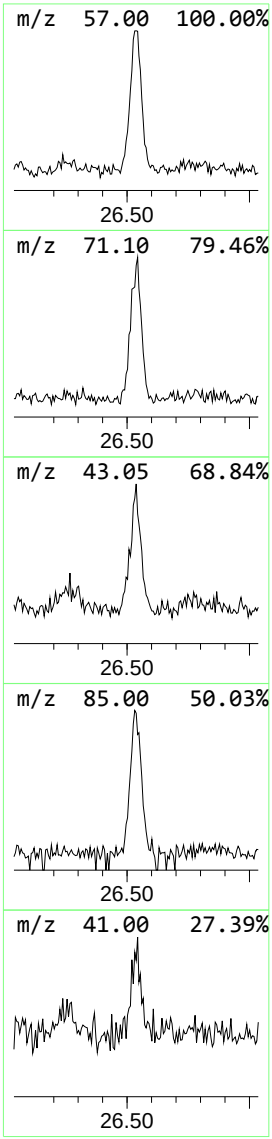
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.537 | 2.29 ng/ul | 63184 | Perylene-d12 | 25.344 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 81 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 80 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 80 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

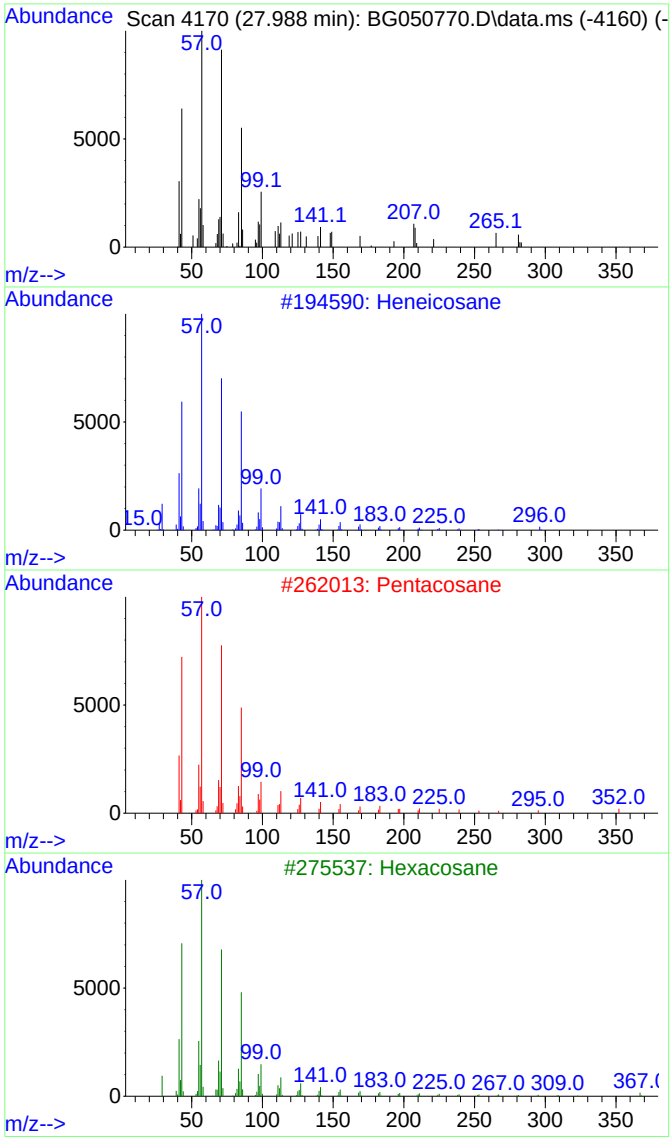
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

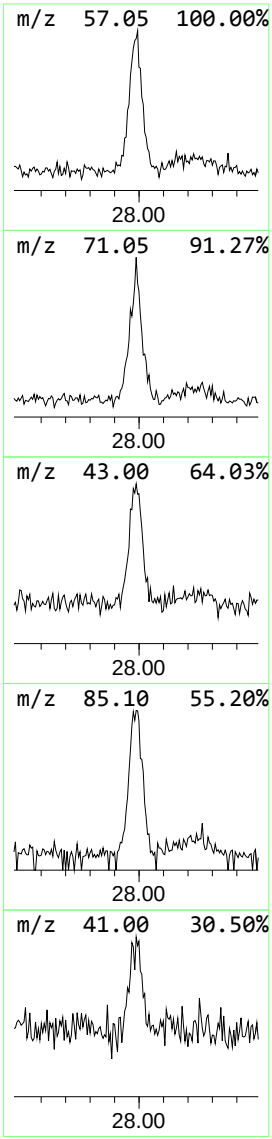
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.988 | 2.26 ng/ul | 62556 | Perylene-d12 | 25.344 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 72 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 72 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 72 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050770.D
Acq On : 28 Oct 2021 10:15
Operator : CG/JU
Sample : M4293-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFYB2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Propanoic acid,... | 3.946 | 6.2 | ng/ul | 145078 | 1 | 8.241 | 468904 | 20.0 |
| Butanoic acid | 4.545 | 126.1 | ng/ul | 2957300 | 1 | 8.241 | 468904 | 20.0 |
| Butanoic acid, ... | 5.479 | 79.9 | ng/ul | 1872390 | 1 | 8.241 | 468904 | 20.0 |
| Pentanoic acid | 6.031 | 153.2 | ng/ul | 3591060 | 1 | 8.241 | 468904 | 20.0 |
| Pentanoic acid,... | 6.754 | 23.2 | ng/ul | 544665 | 1 | 8.241 | 468904 | 20.0 |
| Octanoic acid | 10.591 | 385.5 | ng/ul | 5830660 | 2 | 11.073 | 302508 | 20.0 |
| Ethanol, 2-(2-b... | 10.832 | 12.4 | ng/ul | 187430 | 2 | 11.073 | 302508 | 20.0 |
| Nonanoic acid | 11.901 | 50.9 | ng/ul | 770340 | 2 | 11.073 | 302508 | 20.0 |
| n-Decanoic acid | 13.258 | 220.8 | ng/ul | 5564720 | 3 | 14.868 | 504144 | 20.0 |
| 2H-Pyran-2-one,... | 14.804 | 4.0 | ng/ul | 102063 | 3 | 14.868 | 504144 | 20.0 |
| Dodecanoic acid | 15.297 | 87.6 | ng/ul | 2208610 | 3 | 14.868 | 504144 | 20.0 |
| .gamma.-Dodecal... | 16.484 | 4.4 | ng/ul | 115655 | 4 | 17.618 | 522353 | 20.0 |
| unknown-01 | 16.801 | 8.8 | ng/ul | 230723 | 4 | 17.618 | 522353 | 20.0 |
| Tetradecanoic acid | 17.001 | 53.8 | ng/ul | 1404430 | 4 | 17.618 | 522353 | 20.0 |
| unknown-02 | 18.012 | 4.2 | ng/ul | 110134 | 4 | 17.618 | 522353 | 20.0 |
| 2-Heptadecanone | 18.111 | 5.1 | ng/ul | 133903 | 4 | 17.618 | 522353 | 20.0 |
| 6-Undecanone | 18.358 | 20.1 | ng/ul | 524171 | 4 | 17.618 | 522353 | 20.0 |
| n-Hexadecanoic ... | 18.511 | 167.6 | ng/ul | 4376800 | 4 | 17.618 | 522353 | 20.0 |
| 10-Octadecenoic... | 19.410 | 3.1 | ng/ul | 81722 | 4 | 17.618 | 522353 | 20.0 |
| 5-Decanone, 2-m... | 19.651 | 62.9 | ng/ul | 1643560 | 4 | 17.618 | 522353 | 20.0 |
| unknown-03 | 19.768 | 105.9 | ng/ul | 2662070 | 5 | 21.919 | 502769 | 20.0 |
| 1-Hexadecanol | 21.543 | 2.1 | ng/ul | 52970 | 5 | 21.919 | 502769 | 20.0 |
| (DEL) Alkane: S... | 26.537 | 2.3 | ng/ul | 63184 | 6 | 25.344 | 552615 | 20.0 |
| (DEL) Alkane: S... | 27.988 | 2.3 | ng/ul | 62556 | 6 | 25.344 | 552615 | 20.0 |