LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AC9

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-BG091923.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059152.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.605 | 34 | 37 | 45 | rVB4 | 9184 | 15651 | 1.74% | 0.122% |
| 2 | 4.039 | 106 | 111 | 118 | rBV | 79648 | 125946 | 13.99% | 0.984% |
| 3 | 4.251 | 141 | 147 | 154 | rVB3 | 11752 | 18732 | 2.08% | 0.146% |
| 4 | 4.504 | 188 | 190 | 193 | rVV4 | 1667 | 1838 | 0.20% | 0.014% |
| 5 | 4.750 | 228 | 232 | 236 | rBV5 | 3663 | 5583 | 0.62% | 0.044% |
| 6 | 5.309 | 320 | 327 | 332 | rBV3 | 7463 | 11280 | 1.25% | 0.088% |
| 7 | 6.196 | 473 | 478 | 480 | rBV3 | 1478 | 2105 | 0.23% | 0.016% |
| 8 | 6.678 | 556 | 560 | 564 | rBV2 | 2268 | 4168 | 0.46% | 0.033% |
| 9 | 7.065 | 623 | 626 | 630 | rVV2 | 1437 | 1747 | 0.19% | 0.014% |
| 10 | 7.130 | 632 | 637 | 642 | rBV | 1396 | 1979 | 0.22% | 0.015% |
| 11 | 7.195 | 646 | 648 | 652 | rVB2 | 2144 | 3161 | 0.35% | 0.025% |
| 12 | 7.412 | 678 | 685 | 696 | rVB | 133510 | 231446 | 25.71% | 1.808% |
| 13 | 7.612 | 713 | 719 | 728 | rVB | 115951 | 191794 | 21.31% | 1.498% |
| 14 | 7.811 | 747 | 753 | 766 | rVB | 135420 | 231774 | 25.75% | 1.810% |
| 15 | 8.082 | 794 | 799 | 803 | rVV4 | 2307 | 3473 | 0.39% | 0.027% |
| 16 | 8.299 | 828 | 836 | 841 | rBV | 80307 | 138090 | 15.34% | 1.079% |
| 17 | 8.981 | 943 | 952 | 958 | rBV2 | 144406 | 256609 | 28.51% | 2.004% |
| 18 | 9.051 | 961 | 964 | 967 | rVB | 1320 | 1786 | 0.20% | 0.014% |
| 19 | 9.139 | 973 | 979 | 988 | rBV | 22124 | 40608 | 4.51% | 0.317% |
| 20 | 9.286 | 999 | 1004 | 1010 | rBV4 | 1882 | 4295 | 0.48% | 0.034% |
| 21 | 9.492 | 1032 | 1039 | 1048 | rVB | 149421 | 255106 | 28.34% | 1.993% |
| 22 | 10.209 | 1154 | 1161 | 1170 | rVB | 117270 | 205963 | 22.88% | 1.609% |
| 23 | 10.303 | 1170 | 1177 | 1181 | rBV3 | 6032 | 11456 | 1.27% | 0.089% |
| 24 | 10.567 | 1217 | 1222 | 1226 | rVB3 | 3348 | 4949 | 0.55% | 0.039% |
| 25 | 10.732 | 1241 | 1250 | 1258 | rBV | 168692 | 297979 | 33.11% | 2.328% |
| 26 | 11.137 | 1312 | 1319 | 1326 | rBV | 134764 | 234885 | 26.10% | 1.835% |
| 27 | 11.278 | 1337 | 1343 | 1352 | rBV2 | 75116 | 145984 | 16.22% | 1.140% |
| 28 | 11.660 | 1405 | 1408 | 1411 | rBV | 2112 | 2395 | 0.27% | 0.019% |
| 29 | 11.836 | 1435 | 1438 | 1442 | rBV | 1577 | 2224 | 0.25% | 0.017% |
| 30 | 11.924 | 1451 | 1453 | 1457 | rVB3 | 1692 | 2368 | 0.26% | 0.018% |
| 31 | 12.688 | 1578 | 1583 | 1588 | rVB4 | 2801 | 4273 | 0.47% | 0.033% |
| 32 | 13.499 | 1717 | 1721 | 1725 | rBV | 1992 | 2721 | 0.30% | 0.021% |
| 33 | 13.757 | 1755 | 1765 | 1772 | rBV | 144365 | 240737 | 26.75% | 1.880% |
| 34 | 13.851 | 1777 | 1781 | 1784 | rVB3 | 2104 | 2565 | 0.28% | 0.020% |
| 35 | 13.934 | 1791 | 1795 | 1798 | rVB2 | 3657 | 5581 | 0.62% | 0.044% |
| 36 | 14.039 | 1809 | 1813 | 1814 | rBV2 | 2257 | 2232 | 0.25% | 0.017% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AC9

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-BG091923.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.051 | 1814 | 1815 | 1818 | rVV | 2555 | 2436 | 0.27% | 0.019% |
| 38 | 14.092 | 1820 | 1822 | 1825 | rVB2 | 2349 | 2729 | 0.30% | 0.021% |
| 39 | 14.316 | 1854 | 1860 | 1867 | rVB | 338774 | 466506 | 51.83% | 3.644% |
| 40 | 14.392 | 1869 | 1873 | 1876 | rBV | 1425 | 2036 | 0.23% | 0.016% |
| 41 | 14.510 | 1889 | 1893 | 1895 | rBV2 | 1752 | 1951 | 0.22% | 0.015% |
| 42 | 14.627 | 1906 | 1913 | 1922 | rVB | 393660 | 614981 | 68.33% | 4.804% |
| 43 | 14.833 | 1944 | 1948 | 1951 | rVB2 | 2236 | 3043 | 0.34% | 0.024% |
| 44 | 14.921 | 1957 | 1963 | 1971 | rVV | 222387 | 341337 | 37.92% | 2.666% |
| 45 | 15.097 | 1984 | 1993 | 1999 | rBV | 135728 | 217320 | 24.15% | 1.698% |
| 46 | 15.197 | 2009 | 2010 | 2016 | rVB2 | 2717 | 3941 | 0.44% | 0.031% |
| 47 | 15.267 | 2018 | 2022 | 2026 | rVB5 | 6152 | 10220 | 1.14% | 0.080% |
| 48 | 15.479 | 2056 | 2058 | 2061 | rBV2 | 1459 | 2106 | 0.23% | 0.016% |
| 49 | 15.520 | 2063 | 2065 | 2068 | rVB2 | 1694 | 1831 | 0.20% | 0.014% |
| 50 | 15.579 | 2072 | 2075 | 2077 | rBV2 | 1540 | 1774 | 0.20% | 0.014% |
| 51 | 15.638 | 2079 | 2085 | 2090 | rVB2 | 2002 | 3824 | 0.42% | 0.030% |
| 52 | 15.679 | 2090 | 2092 | 2095 | rBV2 | 1645 | 2169 | 0.24% | 0.017% |
| 53 | 15.914 | 2125 | 2132 | 2138 | rVB | 473901 | 745235 | 82.80% | 5.821% |
| 54 | 16.014 | 2142 | 2149 | 2156 | rBV | 161899 | 229465 | 25.49% | 1.792% |
| 55 | 16.484 | 2228 | 2229 | 2234 | rBV3 | 2231 | 2664 | 0.30% | 0.021% |
| 56 | 16.554 | 2237 | 2241 | 2243 | rVB3 | 3248 | 4389 | 0.49% | 0.034% |
| 57 | 16.613 | 2248 | 2251 | 2252 | rVB2 | 2269 | 1870 | 0.21% | 0.015% |
| 58 | 16.701 | 2262 | 2266 | 2269 | rVV3 | 5736 | 6110 | 0.68% | 0.048% |
| 59 | 16.889 | 2294 | 2298 | 2301 | rBV2 | 5379 | 8236 | 0.92% | 0.064% |
| 60 | 16.924 | 2302 | 2304 | 2307 | rVB4 | 2400 | 2503 | 0.28% | 0.020% |
| 61 | 16.995 | 2312 | 2316 | 2321 | rBV2 | 12465 | 19409 | 2.16% | 0.152% |
| 62 | 17.101 | 2332 | 2334 | 2335 | rBV | 2218 | 1965 | 0.22% | 0.015% |
| 63 | 17.112 | 2335 | 2336 | 2338 | rVV | 2364 | 1695 | 0.19% | 0.013% |
| 64 | 17.230 | 2353 | 2356 | 2358 | rVV2 | 2100 | 2146 | 0.24% | 0.017% |
| 65 | 17.271 | 2361 | 2363 | 2366 | rVB4 | 2306 | 1869 | 0.21% | 0.015% |
| 66 | 17.347 | 2371 | 2376 | 2381 | rBV5 | 10182 | 16376 | 1.82% | 0.128% |
| 67 | 17.465 | 2392 | 2396 | 2397 | rBV2 | 2231 | 2407 | 0.27% | 0.019% |
| 68 | 17.488 | 2397 | 2400 | 2406 | rVV2 | 26219 | 42689 | 4.74% | 0.333% |
| 69 | 17.553 | 2408 | 2411 | 2418 | rVB3 | 23557 | 35742 | 3.97% | 0.279% |
| 70 | 17.671 | 2425 | 2431 | 2437 | rBV | 274354 | 426085 | 47.34% | 3.328% |
| 71 | 17.770 | 2442 | 2448 | 2455 | rBV2 | 512956 | 806671 | 89.62% | 6.301% |
| 72 | 18.229 | 2524 | 2526 | 2530 | rBV5 | 8150 | 9977 | 1.11% | 0.078% |
| 73 | 18.381 | 2546 | 2552 | 2557 | rBV4 | 24986 | 47780 | 5.31% | 0.373% |
| 74 | 18.434 | 2559 | 2561 | 2565 | rVV4 | 18625 | 25245 | 2.80% | 0.197% |
| 75 | 18.493 | 2566 | 2571 | 2584 | rVB | 191564 | 284643 | 31.63% | 2.223% |
| 76 | 18.663 | 2598 | 2600 | 2605 | rVB6 | 3380 | 4215 | 0.47% | 0.033% |

LSC Area Percent Report

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Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

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-BG091923.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.775 | 2615 | 2619 | 2621 | rBV4 | 12981 | 19839 | 2.20% | 0.155% |
| 78 | 18.881 | 2636 | 2637 | 2639 | rBV2 | 2367 | 1727 | 0.19% | 0.013% |
| 79 | 19.087 | 2668 | 2672 | 2674 | rBV4 | 8060 | 10830 | 1.20% | 0.085% |
| 80 | 19.392 | 2721 | 2724 | 2728 | rVB2 | 18346 | 20602 | 2.29% | 0.161% |
| 81 | 19.427 | 2728 | 2730 | 2735 | rBV6 | 15060 | 17276 | 1.92% | 0.135% |
| 82 | 19.615 | 2758 | 2762 | 2764 | rBV5 | 18783 | 29303 | 3.26% | 0.229% |
| 83 | 19.662 | 2768 | 2770 | 2777 | rVV5 | 35787 | 45631 | 5.07% | 0.356% |
| 84 | 19.750 | 2781 | 2785 | 2792 | rBV3 | 36293 | 47215 | 5.25% | 0.369% |
| 85 | 19.909 | 2807 | 2812 | 2813 | rBV4 | 14661 | 25706 | 2.86% | 0.201% |
| 86 | 20.044 | 2830 | 2835 | 2842 | rBV | 614146 | 900055 | 100.00% | 7.031% |
| 87 | 20.491 | 2905 | 2911 | 2915 | rBV | 49741 | 76655 | 8.52% | 0.599% |
| 88 | 21.537 | 3084 | 3089 | 3104 | rVB2 | 149668 | 297017 | 33.00% | 2.320% |
| 89 | 21.930 | 3153 | 3156 | 3160 | rBV4 | 22182 | 35818 | 3.98% | 0.280% |
| 90 | 21.995 | 3161 | 3167 | 3173 | rVV | 218317 | 392315 | 43.59% | 3.064% |
| 91 | 22.389 | 3232 | 3234 | 3238 | rVB3 | 31839 | 33797 | 3.75% | 0.264% |
| 92 | 22.765 | 3293 | 3298 | 3301 | rBV | 78636 | 126359 | 14.04% | 0.987% |
| 93 | 22.806 | 3301 | 3305 | 3323 | rVB3 | 132249 | 312993 | 34.77% | 2.445% |
| 94 | 23.722 | 3457 | 3461 | 3467 | rVB4 | 26028 | 47267 | 5.25% | 0.369% |
| 95 | 23.916 | 3490 | 3494 | 3502 | rVB4 | 72131 | 153430 | 17.05% | 1.198% |
| 96 | 24.404 | 3568 | 3577 | 3585 | rBV2 | 331747 | 800277 | 88.91% | 6.251% |
| 97 | 24.492 | 3587 | 3592 | 3603 | rBV5 | 64095 | 193167 | 21.46% | 1.509% |
| 98 | 25.291 | 3718 | 3728 | 3741 | rVB2 | 293897 | 870624 | 96.73% | 6.801% |
| 99 | 25.538 | 3762 | 3770 | 3785 | rVB2 | 143421 | 451688 | 50.18% | 3.528% |
| 100 | 26.695 | 3958 | 3967 | 3981 | rVB3 | 234411 | 771471 | 85.71% | 6.026% |

Sum of corrected areas: 12802135

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
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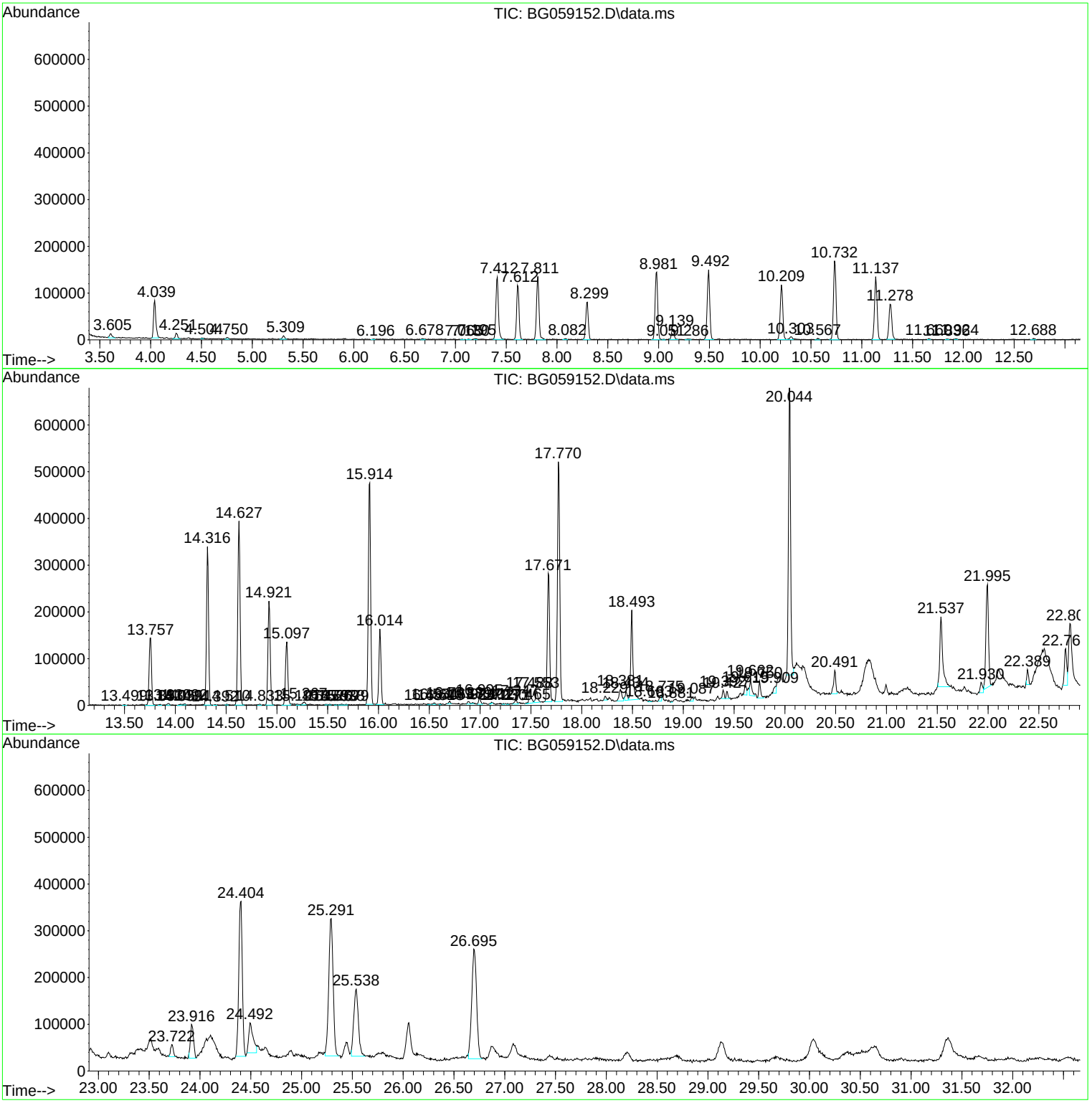
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

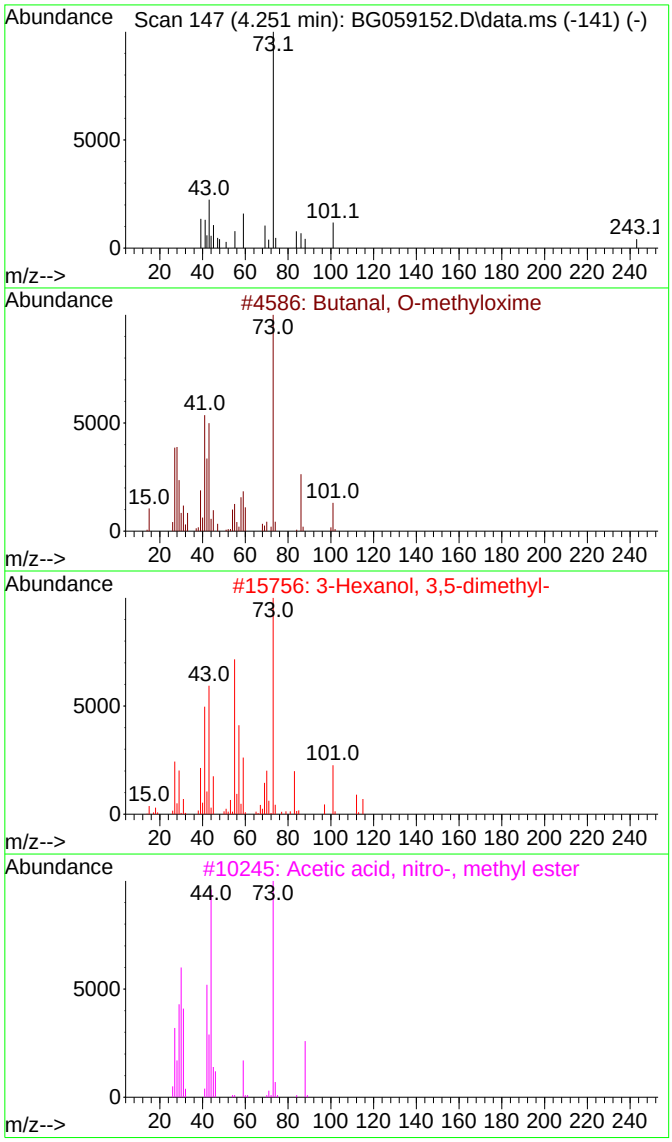
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

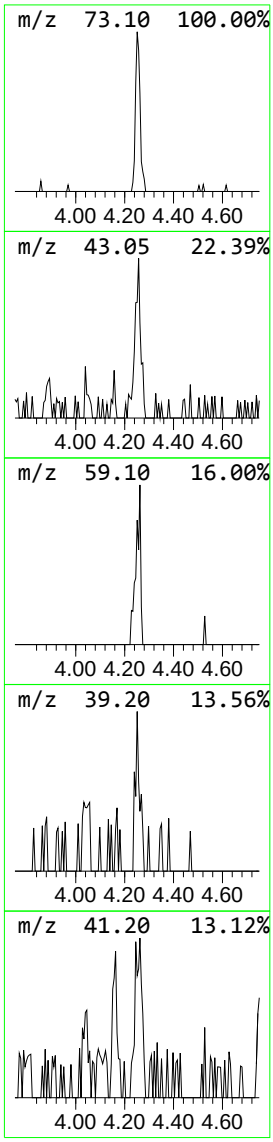
**********

Peak Number 1 unknown-01 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.251 | 2.71 ng/ul | 18732 | 1,4-Dichlorobenzene-d4 | 8.293 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanal, O-methyloxime | 101 | C5H11NO | 031376-98-4 | 37 |
| 2 | 3-Hexanol, 3,5-dimethyl- | 130 | C8H18O | 004209-91-0 | 23 |
| 3 | Acetic acid, nitro-, methyl ester | 119 | C3H5NO4 | 002483-57-0 | 10 |
| 4 | N-(n-Propyl)acetamide | 101 | C5H11NO | 005331-48-6 | 9 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

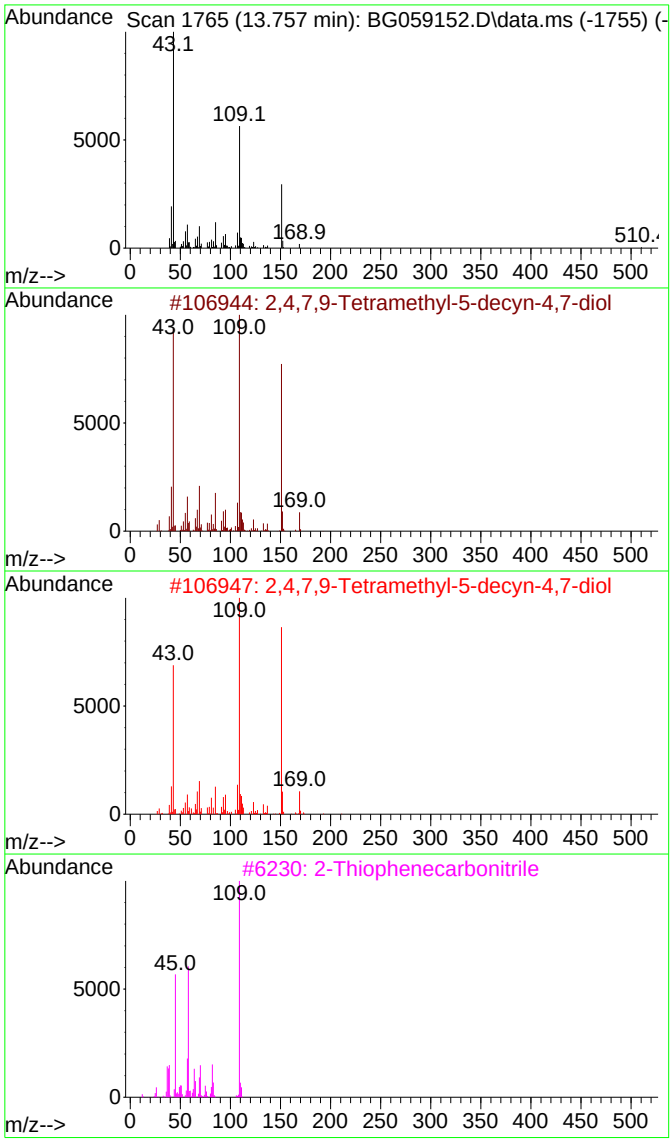
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

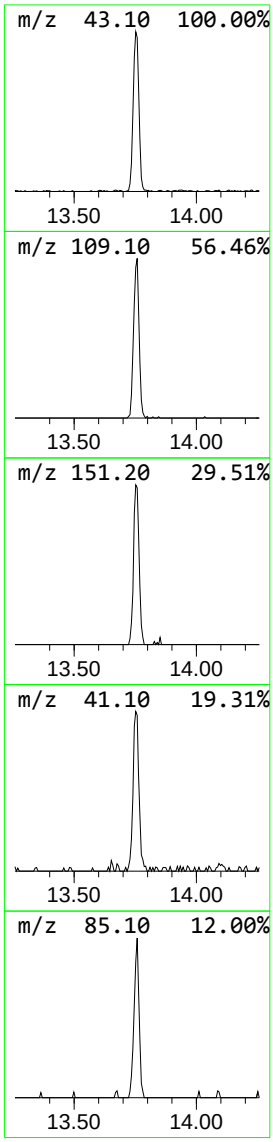
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.758 | 14.11 ng/ul | 240737 | Acenaphthene-d10 | 14.921 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 58 |
| 2 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 47 |
| 3 | 2-Thiophenecarbonitrile | 109 | C5H3NS | 001003-31-2 | 47 |
| 4 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 43 |
| 5 | Acetaminophen | 151 | C8H9NO2 | 000103-90-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

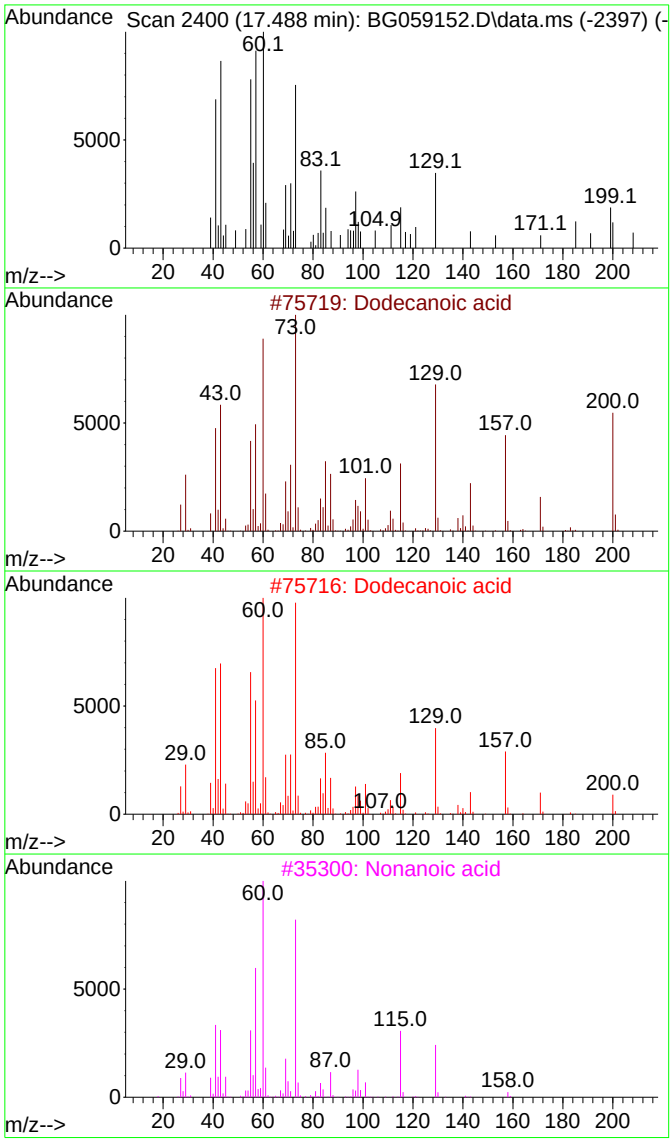
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

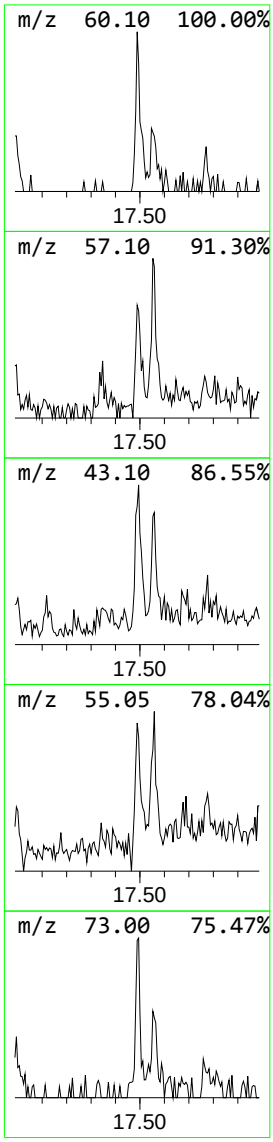
**********

Peak Number 3 Dodecanoic acid Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.488 | 2.00 ng/ul | 42689 | Phenanthrene-d10 | 17.671 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 55 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 47 |
| 3 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 47 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 43 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

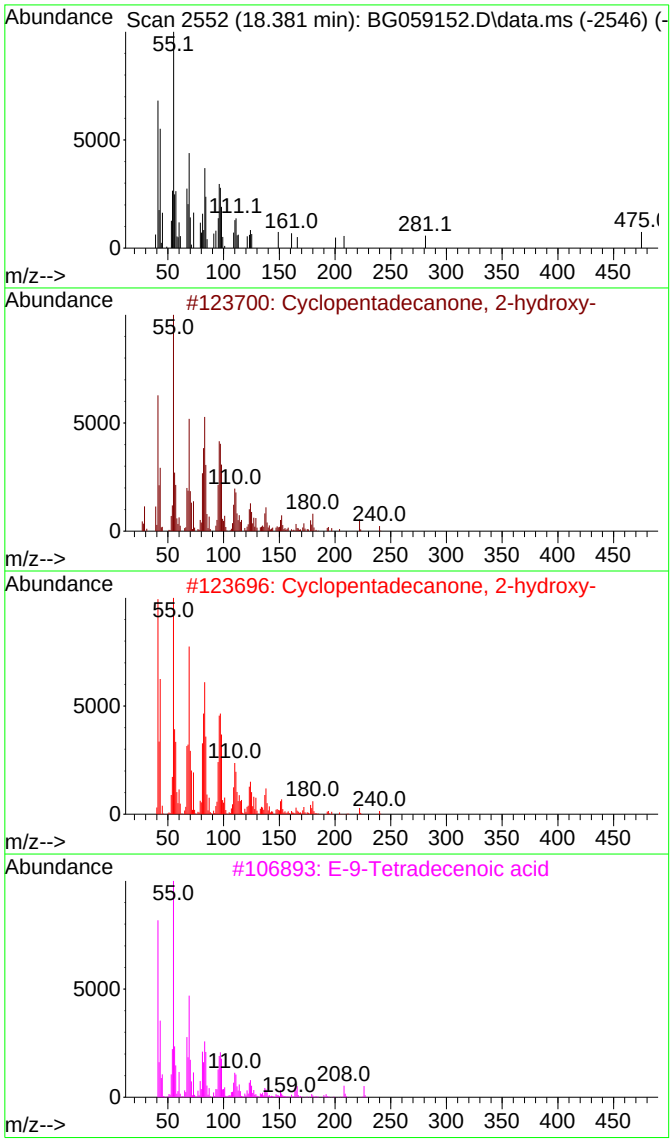
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

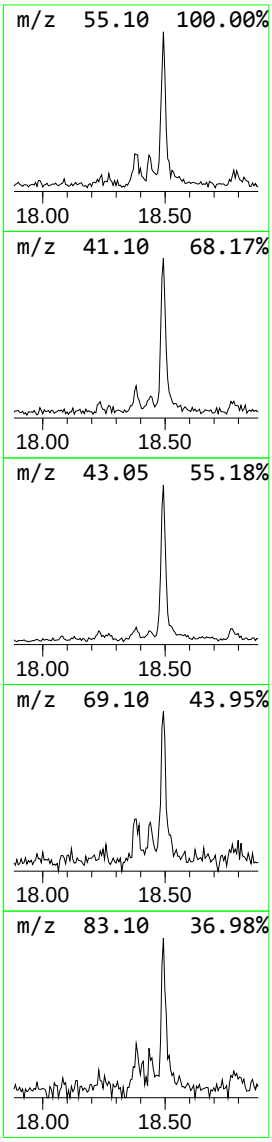
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclopentadecanone, 2-hydroxy- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.381 | 2.24 ng/ul | 47780 | Phenanthrene-d10 | 17.671 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecanone, 2-hydroxy- | 240 | C15H28O2 | 004727-18-8 | 83 |
| 2 | Cyclopentadecanone, 2-hydroxy- | 240 | C15H28O2 | 004727-18-8 | 83 |
| 3 | E-9-Tetradecenoic acid | 226 | C14H26O2 | 050286-30-1 | 81 |
| 4 | cis-Vaccenic acid | 282 | C18H34O2 | 000506-17-2 | 74 |
| 5 | cis-13-Octadecenoic acid | 282 | C18H34O2 | 013126-39-1 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

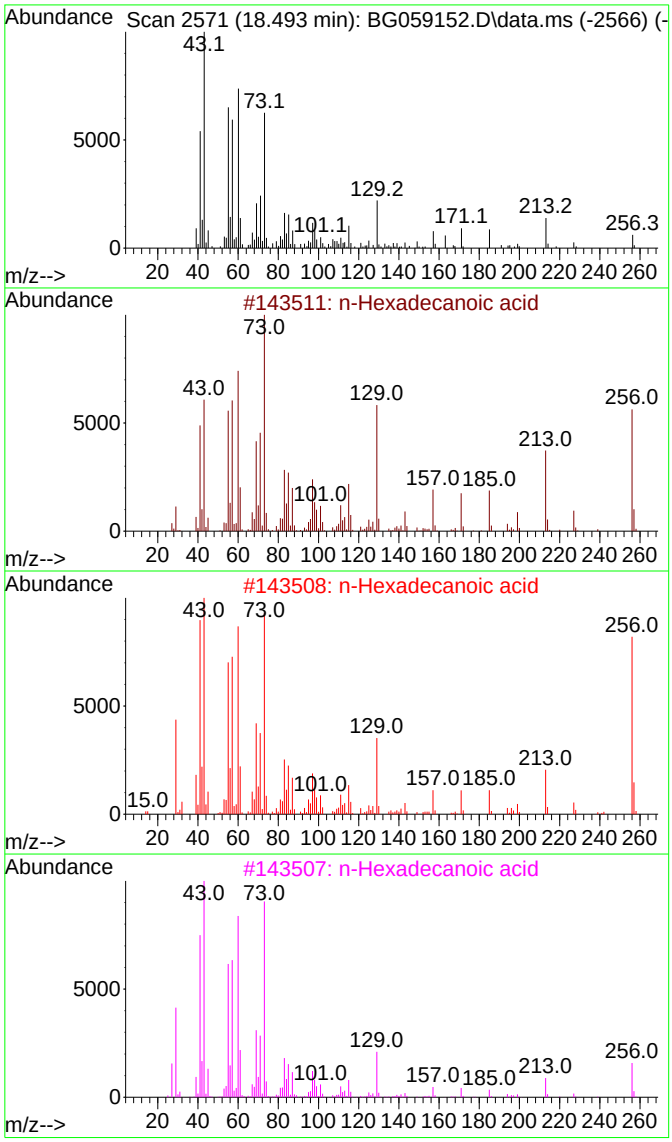
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

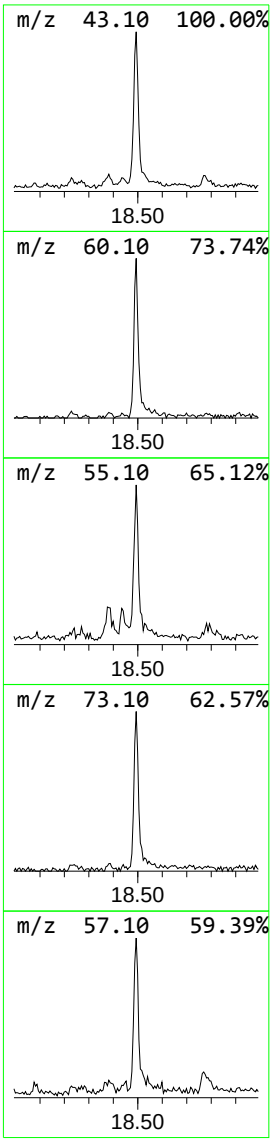
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.493 | 13.36 ng/ul | 284643 | Phenanthrene-d10 | 17.671 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 80 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 70 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

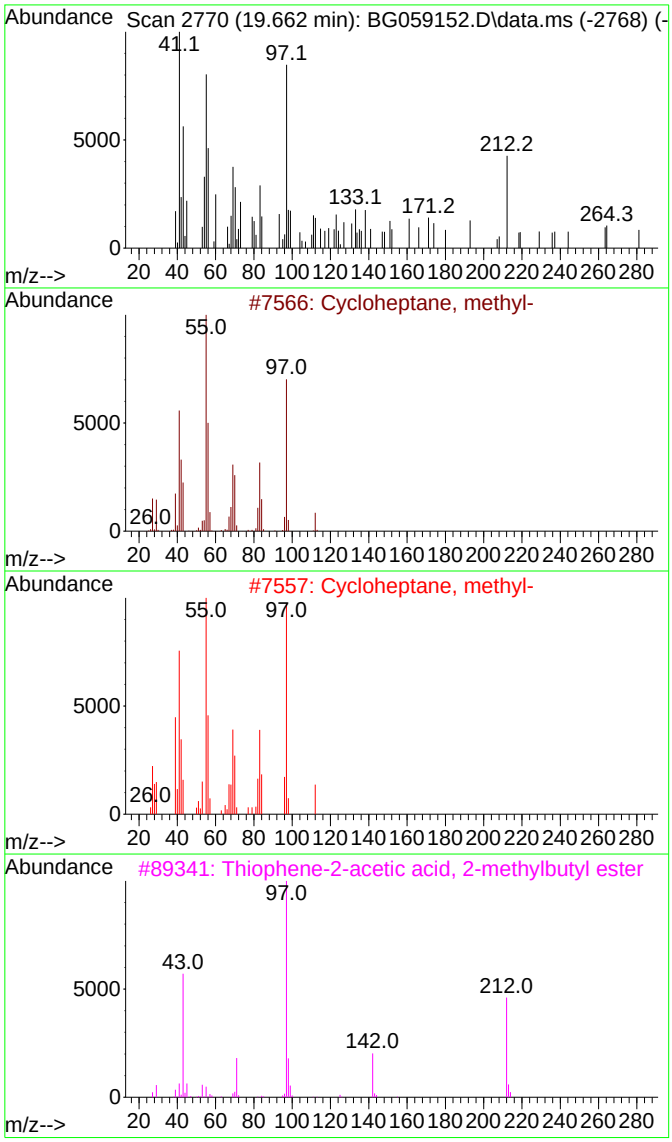
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

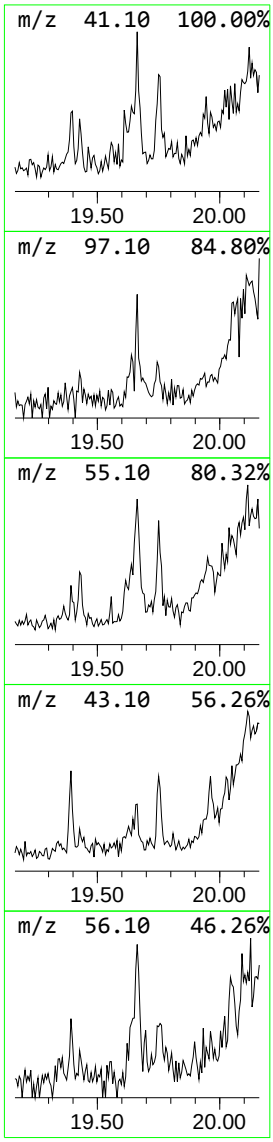
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Cyclic19.662 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.662 | 2.14 ng/ul | 45631 | Phenanthrene-d10 | 17.671 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cycloheptane, methyl- | 112 | C8H16 | 004126-78-7 | 50 |
| 2 | Cycloheptane, methyl- | 112 | C8H16 | 004126-78-7 | 45 |
| 3 | Thiophene-2-acetic acid, 2-methy... | 212 | C11H16O2S | 1000330-96-2 | 38 |
| 4 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 30 |
| 5 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 27 |



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Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

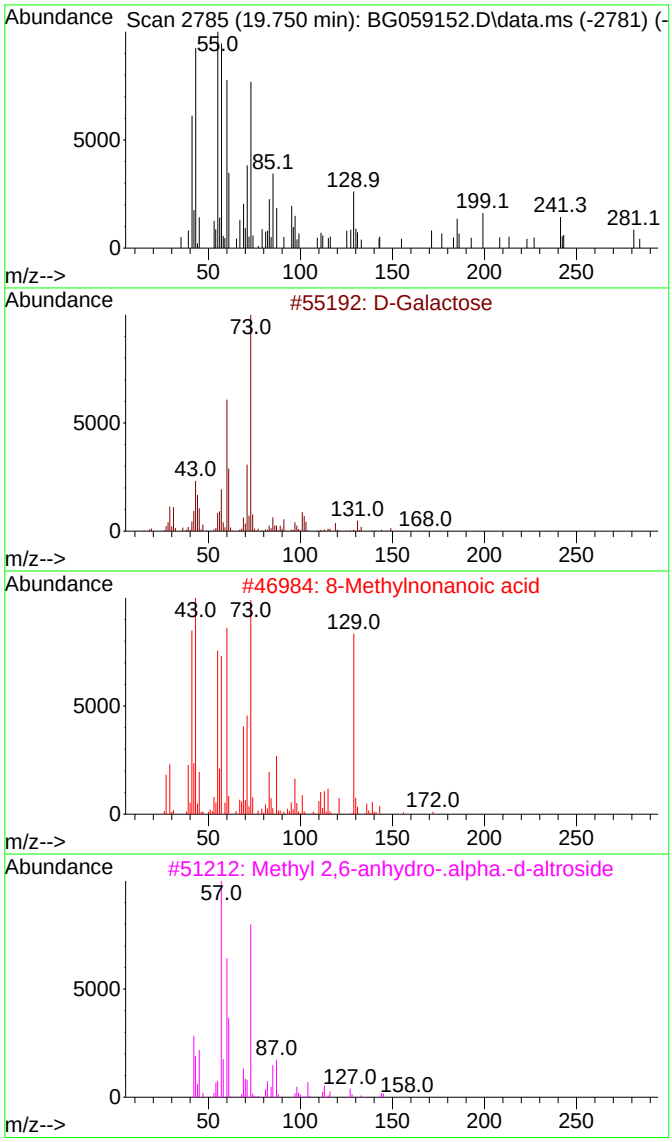
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

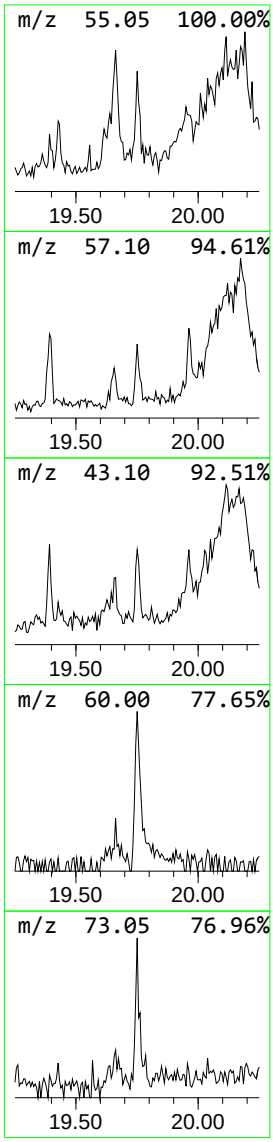
**********

Peak Number 7 unknown-02 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.750 | 2.22 ng/ul | 47215 | Phenanthrene-d10 | 17.671 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | D-Galactose | 180 | C6H12O6 | 000059-23-4 | 47 |
| 2 | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 47 |
| 3 | Methyl 2,6-anhydro-.alpha.-d-alt... | 176 | C7H12O5 | 1000130-02-0 | 43 |
| 4 | 3,5-Difluorobenzaldehyde carbamo... | 199 | C8H7F2N3O | 163893-49-0 | 27 |
| 5 | Decyl isopropyl ether | 200 | C13H28O | 1000406-33-8 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

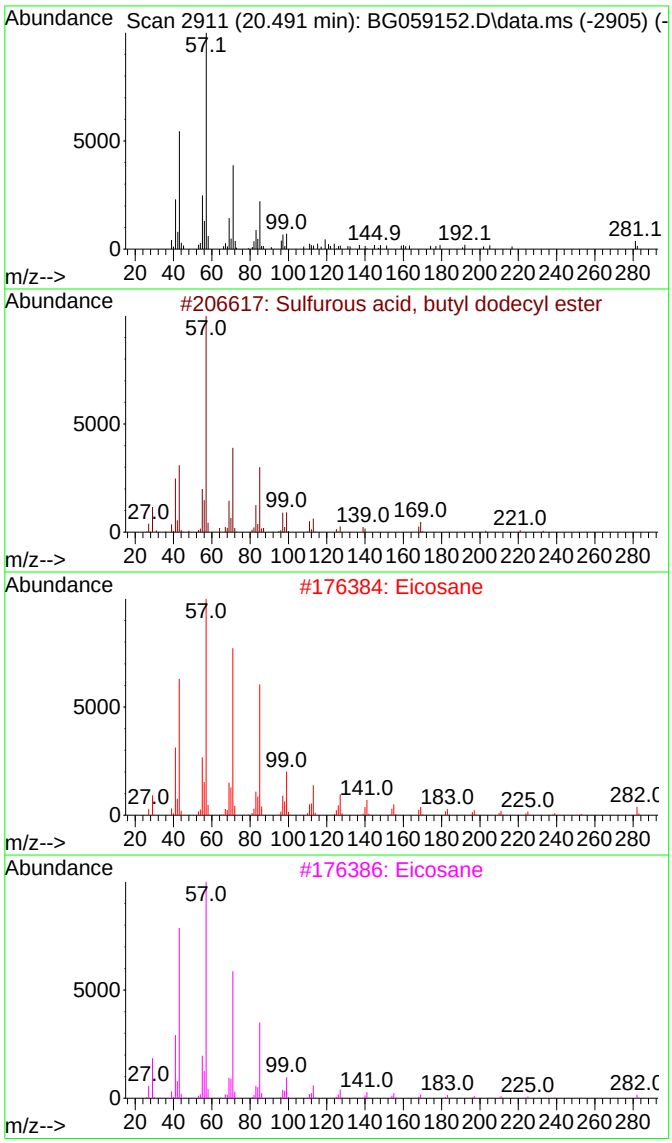
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

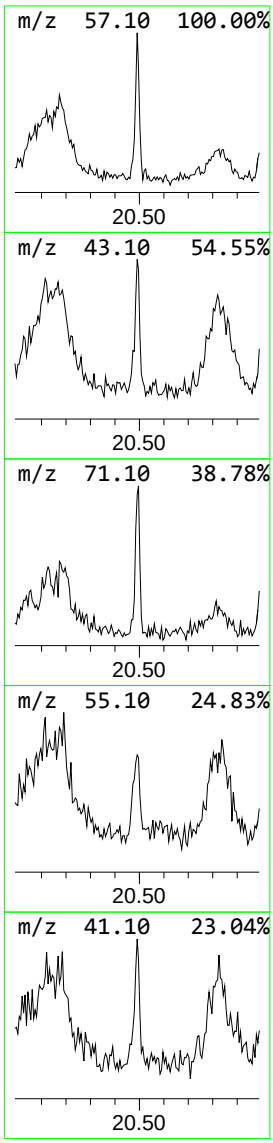
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Sulfurous acid, butyl dodec... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.491 | 3.91 ng/ul | 76655 | Chrysene-d12 | 21.995 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 64 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 62 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 58 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 50 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

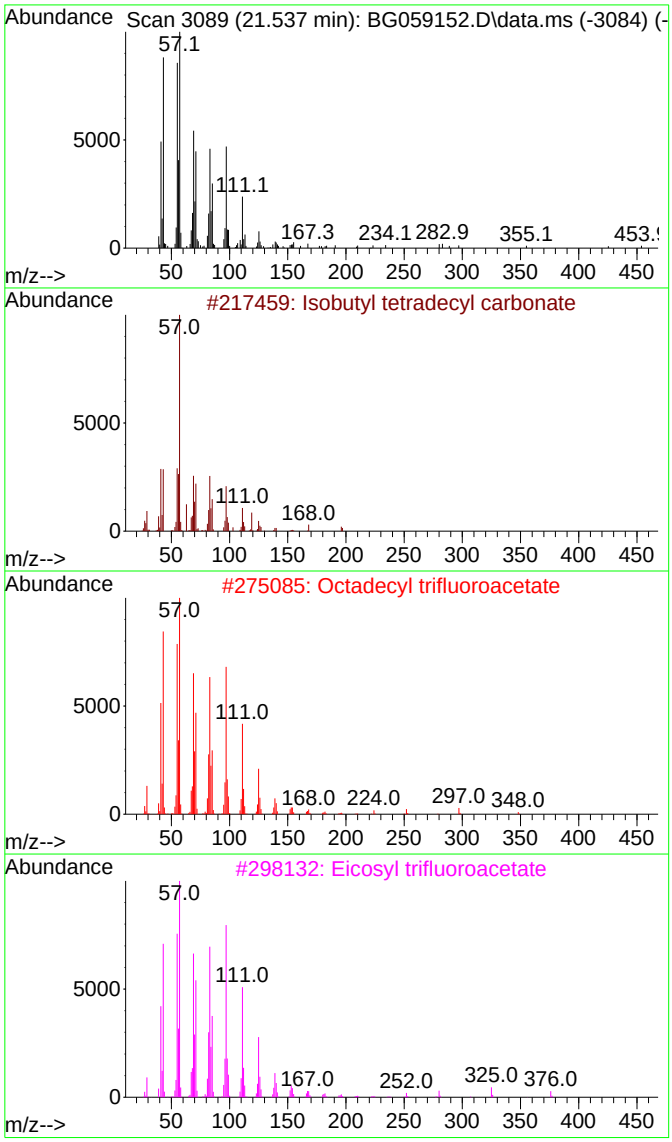
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

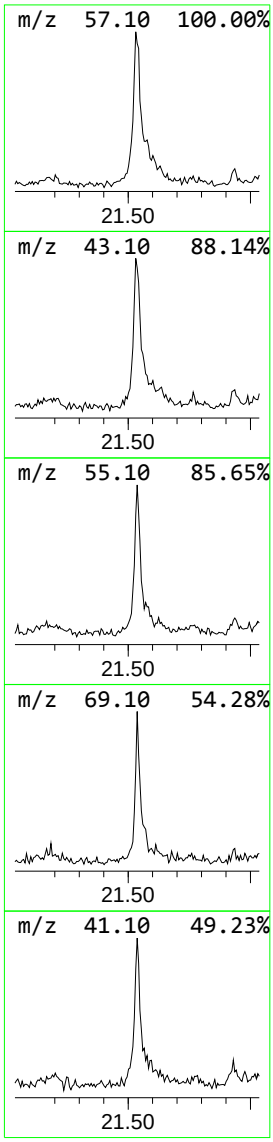
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Isobutyl tetradecyl carbonate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.537 | 15.14 ng/ul | 297017 | Chrysene-d12 | 21.995 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isobutyl tetradecyl carbonate | 314 | C19H38O3 | 959275-58-2 | 91 |
| 2 | Octadecyl trifluoroacetate | 366 | C20H37F3O2 | 079392-43-1 | 90 |
| 3 | Eicosyl trifluoroacetate | 394 | C22H41F3O2 | 1000351-75-2 | 90 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 90 |
| 5 | Tricosyl pentafluoropropionate | 486 | C26H47F5O2 | 1000351-81-0 | 87 |



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Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

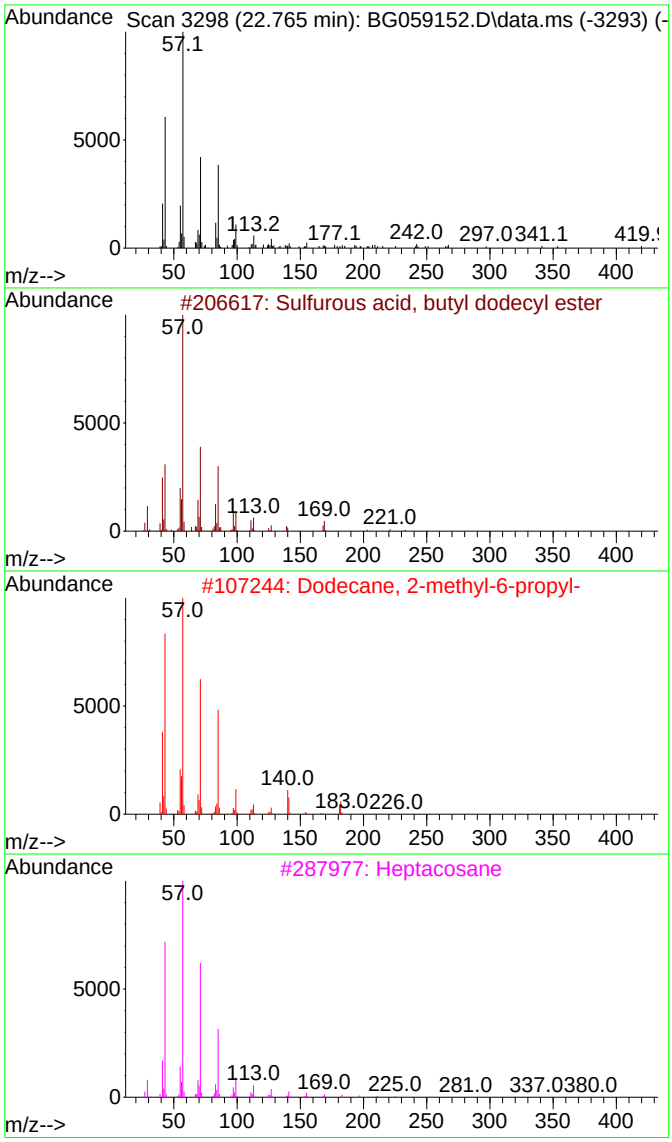
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

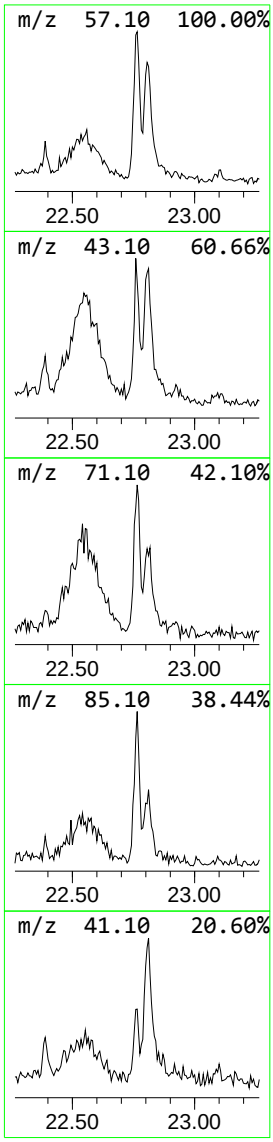
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.765 | 6.44 ng/ul | 126359 | Chrysene-d12 | 21.995 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 83 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 78 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 68 |
| 4 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 59 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

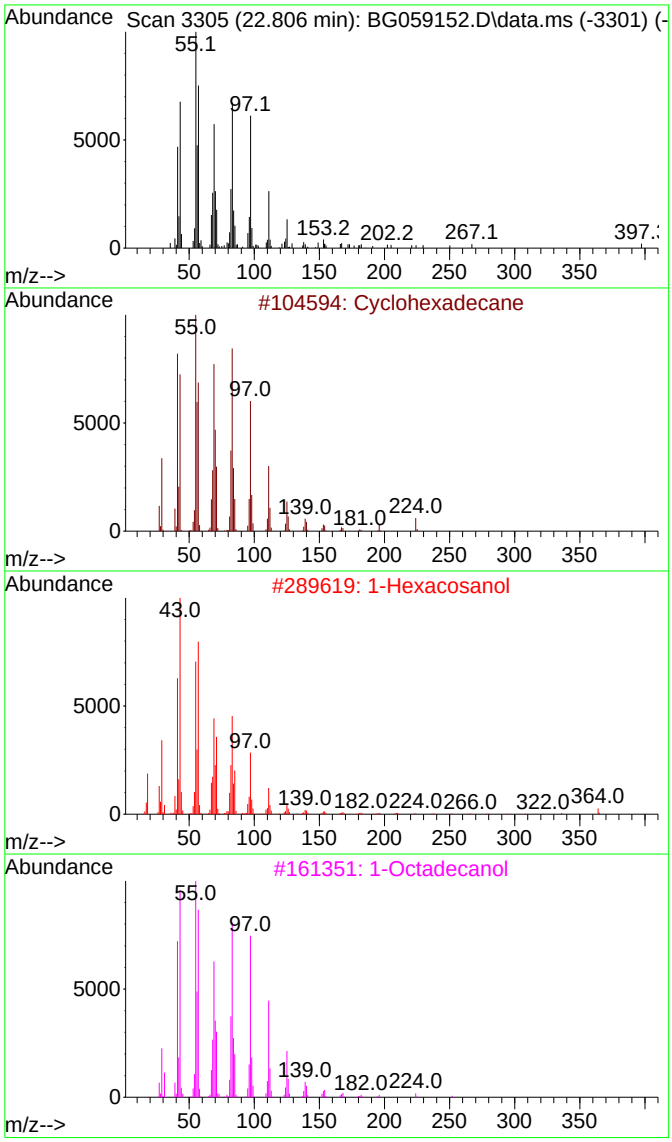
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

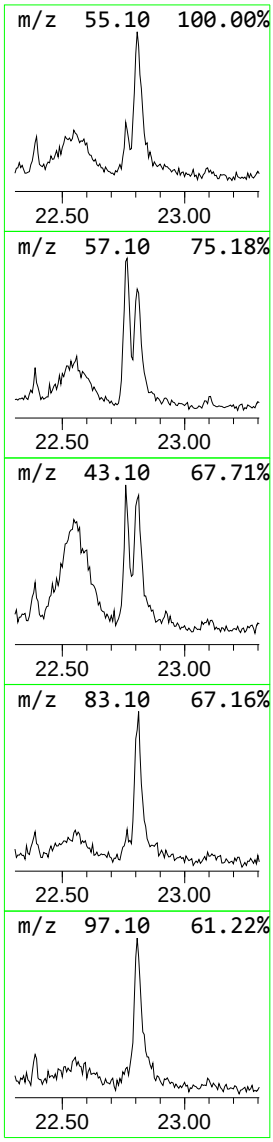
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Cyclic22.806 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.806 | 15.96 ng/ul | 312993 | Chrysene-d12 | 21.995 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 83 |
| 2 | 1-Hexacosanol | 382 | C26H54O | 000506-52-5 | 80 |
| 3 | 1-Octadecanol | 270 | C18H38O | 000112-92-5 | 72 |
| 4 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 72 |
| 5 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

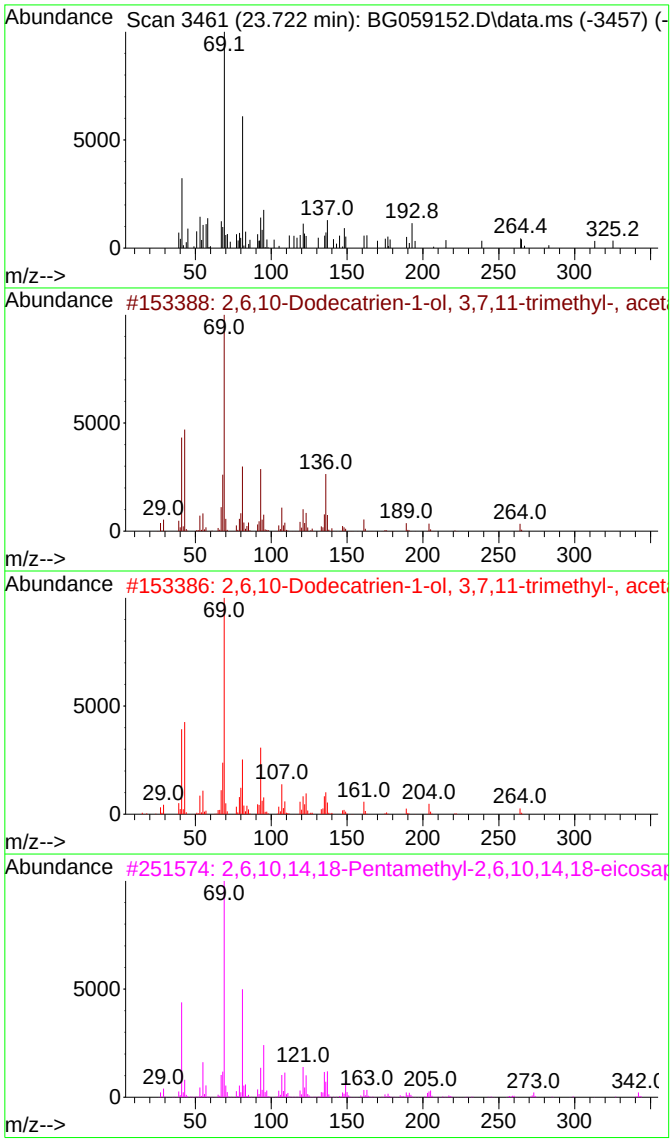
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

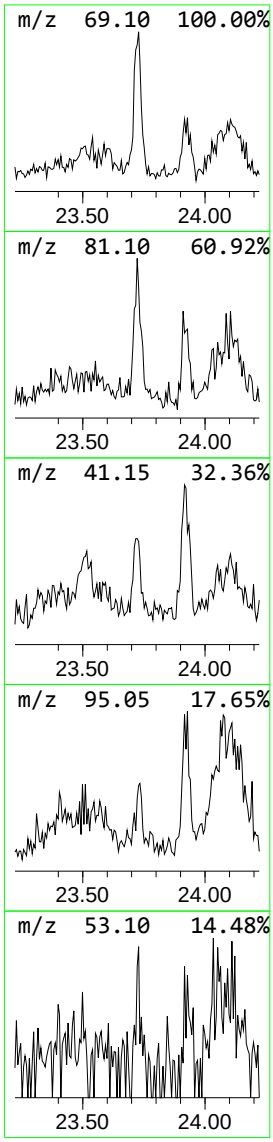
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.722 | 2.41 ng/ul | 47267 | Chrysene-d12 | 21.995 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 264 | C17H28O2 | 004128-17-0 | 70 |
| 2 | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 264 | C17H28O2 | 004128-17-0 | 53 |
| 3 | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 | C25H42 | 075581-03-2 | 53 |
| 4 | 1-(Pyrrolidin-3-yl)pyrazole | 137 | C7H11N3 | 1000459-08-8 | 50 |
| 5 | Supraene | 410 | C30H50 | 007683-64-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

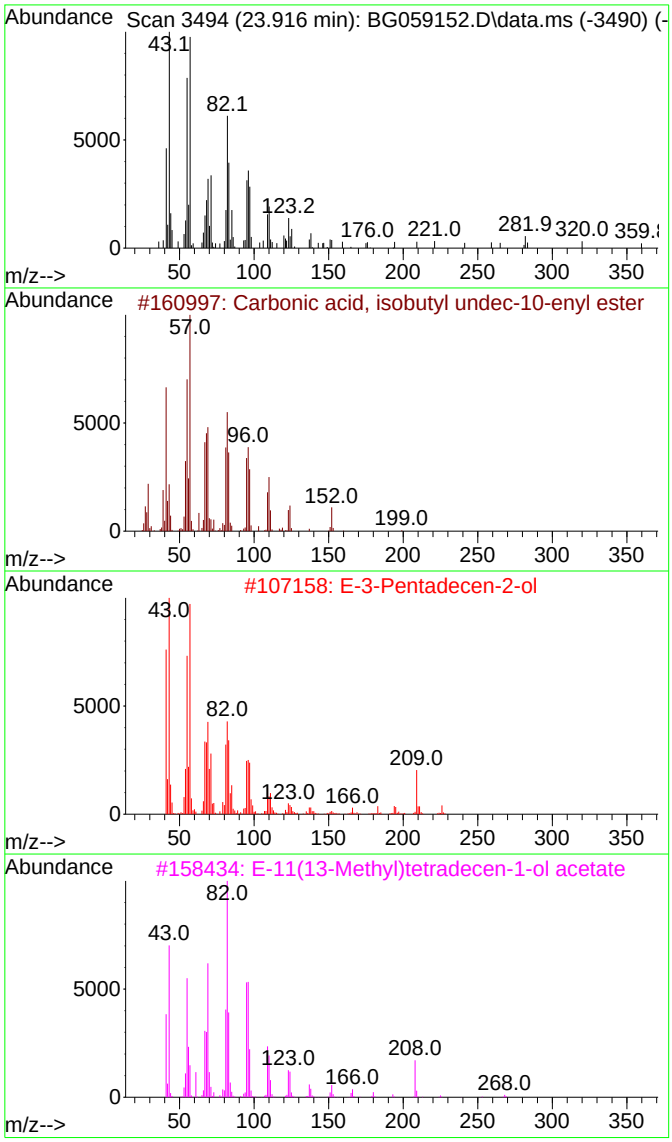
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

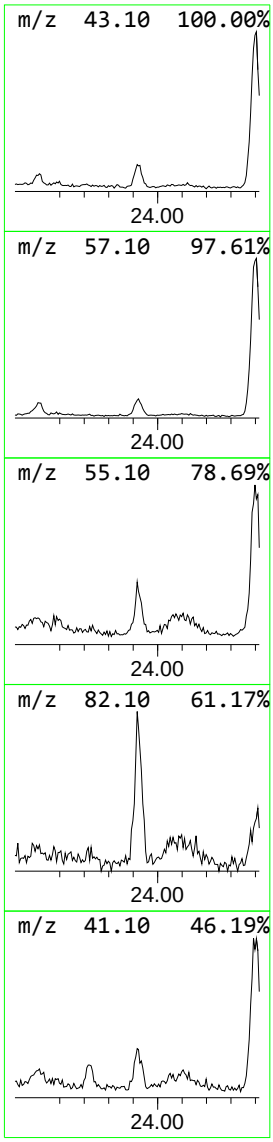
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Carbonic acid, isobutyl und... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.916 | 6.79 ng/ul | 153430 | Perylene-d12 | 25.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, isobutyl undec-10... | 270 | C16H30O3 | 1000314-60-8 | 64 |
| 2 | E-3-Pentadecen-2-ol | 226 | C15H30O | 1000130-83-8 | 64 |
| 3 | E-11(13-Methyl)tetradecen-1-ol a... | 268 | C17H32O2 | 1000130-80-4 | 50 |
| 4 | cis-11-Tetradecen-1-ol | 212 | C14H28O | 034010-15-6 | 47 |
| 5 | E-9-Tetradecen-1-ol formate | 240 | C15H28O2 | 1000130-78-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

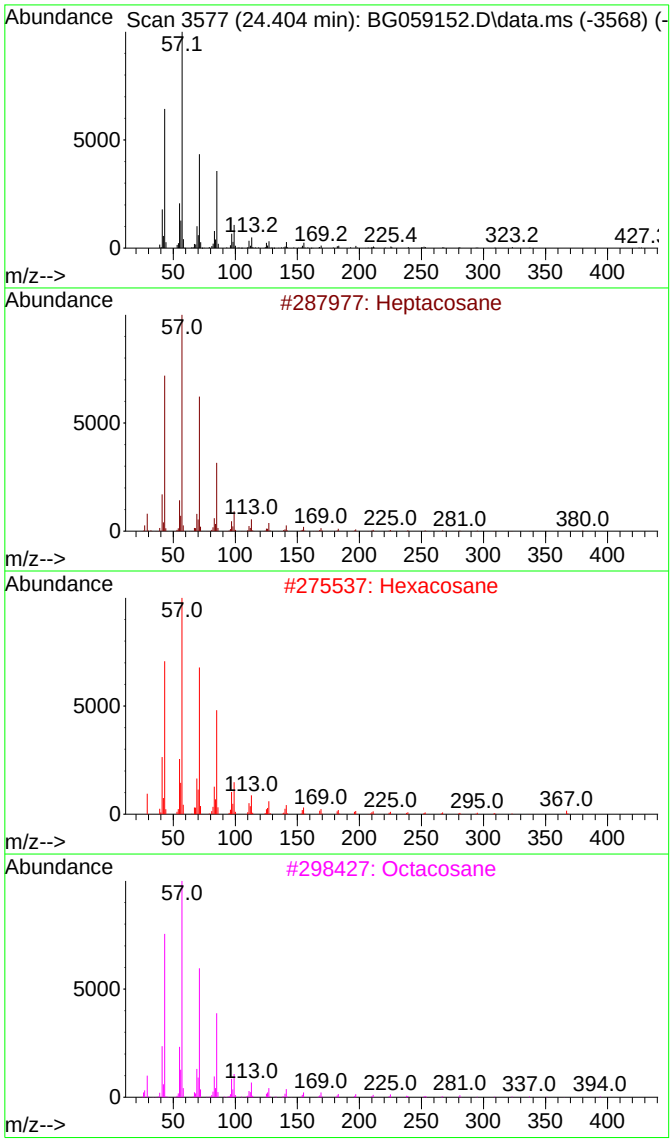
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

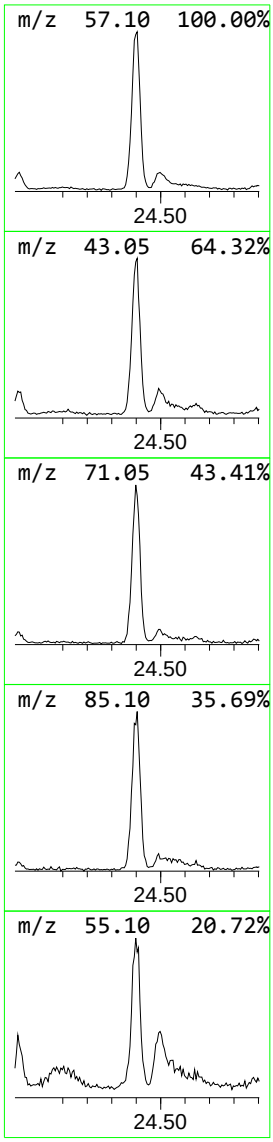
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.404 | 35.43 ng/ul | 800277 | Perylene-d12 | 25.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

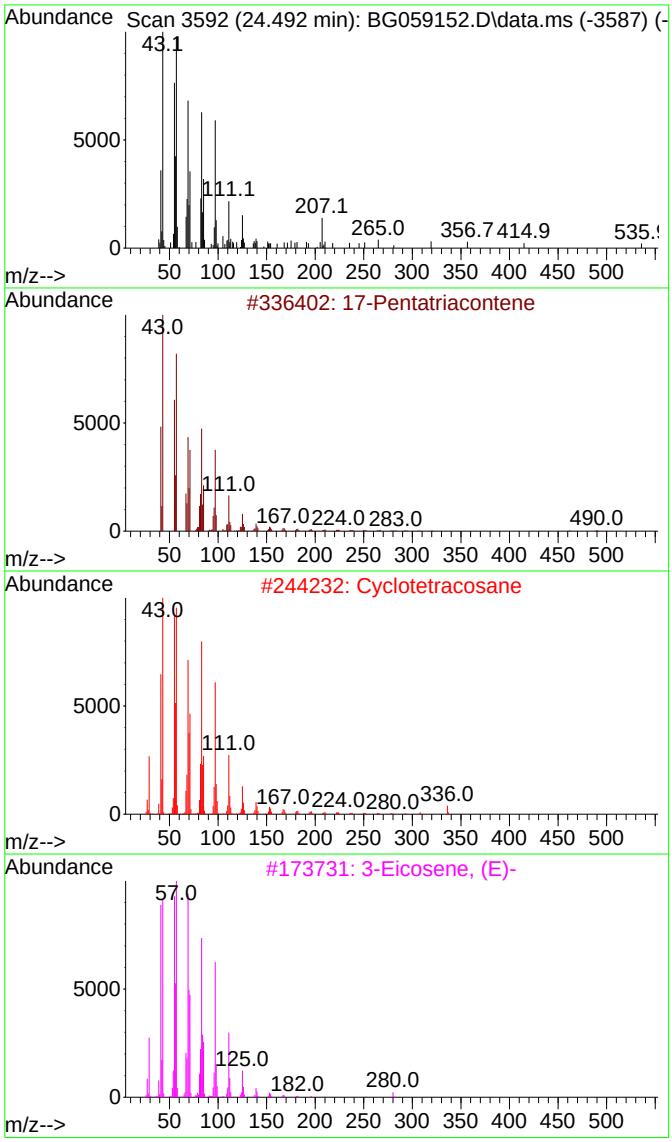
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

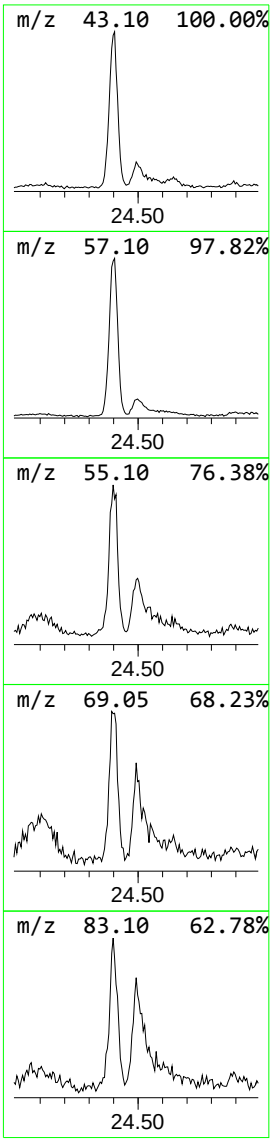
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.492 | 8.55 ng/ul | 193167 | Perylene-d12 | 25.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 86 |
| 2 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 86 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 62 |
| 4 | Cyclohexanecarboxaldehyde, 3,3-d... | 154 | C9H14O2 | 065080-66-2 | 58 |
| 5 | Cyclopentane, 2-isopropyl-1,3-di... | 140 | C10H20 | 032281-85-9 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION

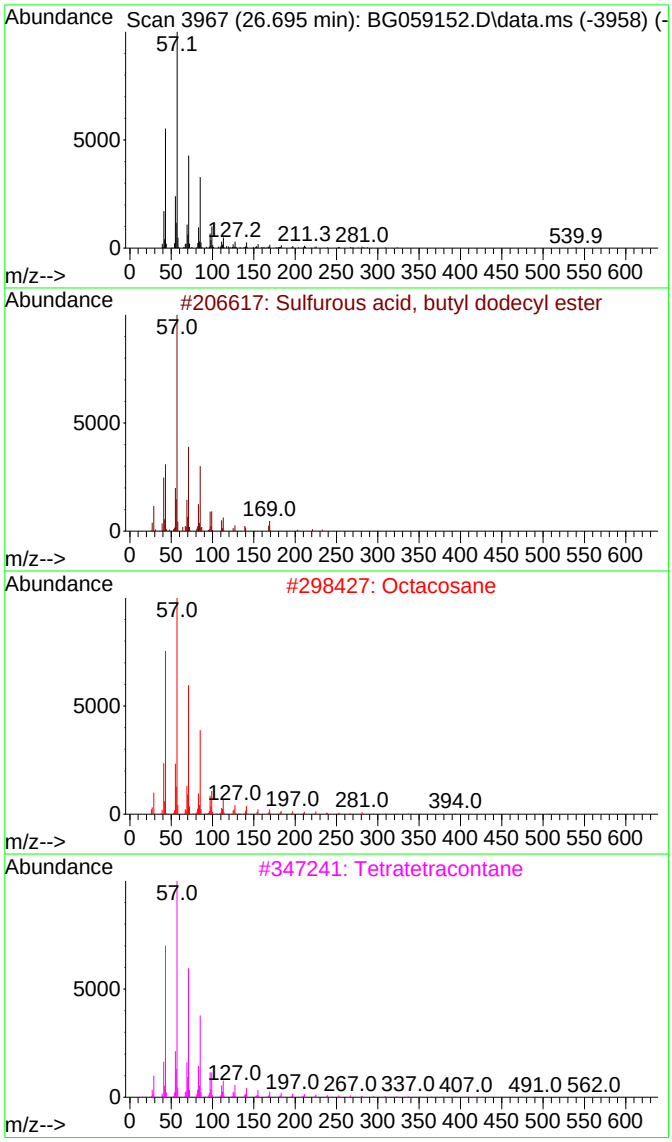
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

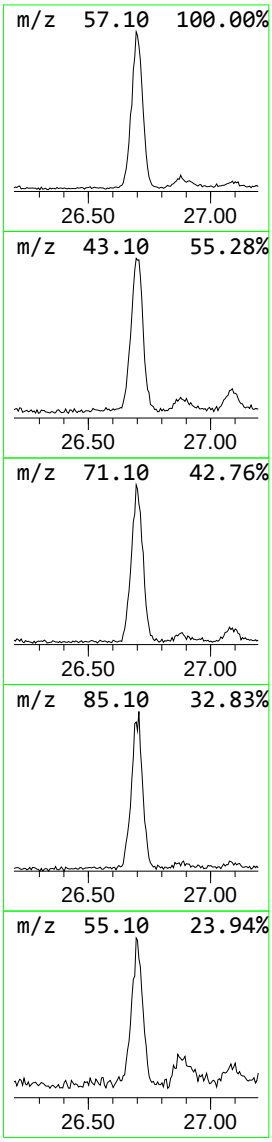
**********

Peak Number 16 Octacosane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.695 | 34.16 ng/ul | 771471 | Perylene-d12 | 25.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 81 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 80 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059152.D
Acq On : 21 Sep 2023 23:30
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AC9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.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 |
| unknown-01 | 4.251 | 2.7 | ng/ul | 18732 | 1 | 8.293 | 138090 | 20.0 |
| 2,4,7,9-Tetrame... | 13.758 | 14.1 | ng/ul | 240737 | 3 | 14.921 | 341337 | 20.0 |
| Dodecanoic acid | 17.488 | 2.0 | ng/ul | 42689 | 4 | 17.671 | 426085 | 20.0 |
| Cyclopentadecan... | 18.381 | 2.2 | ng/ul | 47780 | 4 | 17.671 | 426085 | 20.0 |
| n-Hexadecanoic ... | 18.493 | 13.4 | ng/ul | 284643 | 4 | 17.671 | 426085 | 20.0 |
| (DEL) Alkane: C... | 19.662 | 2.1 | ng/ul | 45631 | 4 | 17.671 | 426085 | 20.0 |
| unknown-02 | 19.750 | 2.2 | ng/ul | 47215 | 4 | 17.671 | 426085 | 20.0 |
| Sulfurous acid,... | 20.491 | 3.9 | ng/ul | 76655 | 5 | 21.995 | 392315 | 20.0 |
| Isobutyl tetrad... | 21.537 | 15.1 | ng/ul | 297017 | 5 | 21.995 | 392315 | 20.0 |
| Dodecane, 2-met... | 22.765 | 6.4 | ng/ul | 126359 | 5 | 21.995 | 392315 | 20.0 |
| (DEL) Alkane: C... | 22.806 | 16.0 | ng/ul | 312993 | 5 | 21.995 | 392315 | 20.0 |
| 2,6,10-Dodecatr... | 23.722 | 2.4 | ng/ul | 47267 | 5 | 21.995 | 392315 | 20.0 |
| Carbonic acid, ... | 23.916 | 6.8 | ng/ul | 153430 | 6 | 25.538 | 451688 | 20.0 |
| (DEL) Alkane: S... | 24.404 | 35.4 | ng/ul | 800277 | 6 | 25.538 | 451688 | 20.0 |
| (DEL) Alkane: S... | 24.492 | 8.6 | ng/ul | 193167 | 6 | 25.538 | 451688 | 20.0 |
| Octacosane | 26.695 | 34.2 | ng/ul | 771471 | 6 | 25.538 | 451688 | 20.0 |