LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DCGL2

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057985.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.117 | 3 | 5 | 21 | rVB | 1789127 | 2133034 | 48.30% | 7.941% |
| 2 | 3.276 | 30 | 32 | 37 | rVB5 | 3251 | 5314 | 0.12% | 0.020% |
| 3 | 3.376 | 45 | 49 | 55 | rVB4 | 12956 | 17871 | 0.40% | 0.067% |
| 4 | 3.787 | 114 | 119 | 129 | rBV | 111746 | 180649 | 4.09% | 0.673% |
| 5 | 3.899 | 135 | 138 | 143 | rVB2 | 5634 | 7906 | 0.18% | 0.029% |
| 6 | 4.028 | 151 | 160 | 166 | rVB | 15047 | 26887 | 0.61% | 0.100% |
| 7 | 4.345 | 209 | 214 | 219 | rVB2 | 10083 | 15264 | 0.35% | 0.057% |
| 8 | 4.486 | 234 | 238 | 246 | rVB6 | 2808 | 5790 | 0.13% | 0.022% |
| 9 | 4.927 | 308 | 313 | 320 | rBV5 | 2401 | 5235 | 0.12% | 0.019% |
| 10 | 5.033 | 326 | 331 | 334 | rBV4 | 3572 | 4529 | 0.10% | 0.017% |
| 11 | 5.127 | 344 | 347 | 355 | rVB4 | 3393 | 5859 | 0.13% | 0.022% |
| 12 | 5.262 | 366 | 370 | 379 | rVB5 | 2132 | 6120 | 0.14% | 0.023% |
| 13 | 5.926 | 479 | 483 | 489 | rBV6 | 3074 | 5641 | 0.13% | 0.021% |
| 14 | 6.925 | 650 | 653 | 660 | rVB5 | 3866 | 6411 | 0.15% | 0.024% |
| 15 | 7.107 | 676 | 684 | 692 | rBV | 188481 | 324306 | 7.34% | 1.207% |
| 16 | 7.265 | 704 | 711 | 721 | rBV | 155342 | 253927 | 5.75% | 0.945% |
| 17 | 7.377 | 726 | 730 | 736 | rVB5 | 2304 | 4683 | 0.11% | 0.017% |
| 18 | 7.471 | 738 | 746 | 753 | rBV | 185398 | 321545 | 7.28% | 1.197% |
| 19 | 7.553 | 756 | 760 | 768 | rVB5 | 3798 | 6631 | 0.15% | 0.025% |
| 20 | 7.941 | 819 | 826 | 833 | rBV | 183105 | 300409 | 6.80% | 1.118% |
| 21 | 8.076 | 843 | 849 | 853 | rVB2 | 4288 | 6222 | 0.14% | 0.023% |
| 22 | 8.646 | 939 | 946 | 957 | rBV | 209391 | 358874 | 8.13% | 1.336% |
| 23 | 8.764 | 961 | 966 | 973 | rVB7 | 2150 | 4573 | 0.10% | 0.017% |
| 24 | 9.104 | 1016 | 1024 | 1032 | rBV | 186371 | 334092 | 7.56% | 1.244% |
| 25 | 9.821 | 1140 | 1146 | 1155 | rBV | 148795 | 267116 | 6.05% | 0.994% |
| 26 | 10.044 | 1181 | 1184 | 1191 | rVB4 | 3224 | 5334 | 0.12% | 0.020% |
| 27 | 10.368 | 1232 | 1239 | 1249 | rBV | 237862 | 422076 | 9.56% | 1.571% |
| 28 | 10.744 | 1293 | 1303 | 1311 | rBV | 275992 | 500709 | 11.34% | 1.864% |
| 29 | 10.879 | 1319 | 1326 | 1339 | rVB | 136640 | 264280 | 5.98% | 0.984% |
| 30 | 11.126 | 1363 | 1368 | 1372 | rBV2 | 9772 | 15118 | 0.34% | 0.056% |
| 31 | 11.161 | 1372 | 1374 | 1378 | rVV2 | 4862 | 5884 | 0.13% | 0.022% |
| 32 | 11.214 | 1378 | 1383 | 1386 | rVB2 | 5597 | 7286 | 0.16% | 0.027% |
| 33 | 12.324 | 1568 | 1572 | 1576 | rBV | 3663 | 5288 | 0.12% | 0.020% |
| 34 | 12.929 | 1672 | 1675 | 1685 | rBV4 | 2790 | 4733 | 0.11% | 0.018% |
| 35 | 13.176 | 1712 | 1717 | 1722 | rBV3 | 3227 | 5108 | 0.12% | 0.019% |
| 36 | 13.388 | 1747 | 1753 | 1759 | rBV3 | 4069 | 7365 | 0.17% | 0.027% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

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-BG070123.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.458 | 1759 | 1765 | 1769 | rBV6 | 14111 | 28167 | 0.64% | 0.105% |
| 38 | 13.564 | 1778 | 1783 | 1787 | rBV | 42331 | 55904 | 1.27% | 0.208% |
| 39 | 13.975 | 1843 | 1853 | 1861 | rVV | 417251 | 607794 | 13.76% | 2.263% |
| 40 | 14.046 | 1861 | 1865 | 1870 | rBV4 | 3484 | 4559 | 0.10% | 0.017% |
| 41 | 14.269 | 1896 | 1903 | 1912 | rVV | 506156 | 781200 | 17.69% | 2.908% |
| 42 | 14.463 | 1932 | 1936 | 1942 | rVB2 | 6641 | 8714 | 0.20% | 0.032% |
| 43 | 14.574 | 1945 | 1955 | 1963 | rVV | 450341 | 693178 | 15.70% | 2.581% |
| 44 | 14.633 | 1963 | 1965 | 1973 | rVB3 | 5829 | 8485 | 0.19% | 0.032% |
| 45 | 14.774 | 1981 | 1989 | 2000 | rBV2 | 141284 | 256629 | 5.81% | 0.955% |
| 46 | 14.921 | 2009 | 2014 | 2018 | rVB5 | 5612 | 8387 | 0.19% | 0.031% |
| 47 | 14.974 | 2018 | 2023 | 2029 | rBV5 | 8932 | 15986 | 0.36% | 0.060% |
| 48 | 15.409 | 2094 | 2097 | 2101 | rVB2 | 6971 | 7721 | 0.17% | 0.029% |
| 49 | 15.479 | 2101 | 2109 | 2115 | rBV5 | 10410 | 14896 | 0.34% | 0.055% |
| 50 | 15.567 | 2117 | 2124 | 2137 | rVB | 628981 | 979682 | 22.18% | 3.647% |
| 51 | 15.679 | 2137 | 2143 | 2152 | rBV | 139490 | 216194 | 4.90% | 0.805% |
| 52 | 15.802 | 2159 | 2164 | 2170 | rBV6 | 4380 | 8313 | 0.19% | 0.031% |
| 53 | 15.926 | 2179 | 2185 | 2191 | rVV | 105316 | 149413 | 3.38% | 0.556% |
| 54 | 16.037 | 2199 | 2204 | 2207 | rBV5 | 2992 | 5432 | 0.12% | 0.020% |
| 55 | 16.114 | 2214 | 2217 | 2229 | rBV8 | 4912 | 7743 | 0.18% | 0.029% |
| 56 | 16.272 | 2241 | 2244 | 2246 | rBV3 | 8442 | 10933 | 0.25% | 0.041% |
| 57 | 16.413 | 2263 | 2268 | 2273 | rBV6 | 8393 | 16909 | 0.38% | 0.063% |
| 58 | 16.449 | 2273 | 2274 | 2278 | rVB4 | 5276 | 4951 | 0.11% | 0.018% |
| 59 | 16.660 | 2306 | 2310 | 2314 | rBV3 | 10013 | 14316 | 0.32% | 0.053% |
| 60 | 16.707 | 2314 | 2318 | 2327 | rVV6 | 12740 | 21838 | 0.49% | 0.081% |
| 61 | 17.060 | 2374 | 2378 | 2381 | rBV3 | 11106 | 16316 | 0.37% | 0.061% |
| 62 | 17.095 | 2381 | 2384 | 2395 | rVB9 | 11641 | 23977 | 0.54% | 0.089% |
| 63 | 17.201 | 2398 | 2402 | 2409 | rBV6 | 21322 | 39391 | 0.89% | 0.147% |
| 64 | 17.265 | 2409 | 2413 | 2416 | rBV3 | 20904 | 29462 | 0.67% | 0.110% |
| 65 | 17.318 | 2416 | 2422 | 2427 | rVV | 530448 | 831012 | 18.82% | 3.094% |
| 66 | 17.354 | 2427 | 2428 | 2432 | rVV | 30762 | 37762 | 0.86% | 0.141% |
| 67 | 17.418 | 2432 | 2439 | 2446 | rVV | 566878 | 883282 | 20.00% | 3.288% |
| 68 | 17.483 | 2446 | 2450 | 2455 | rVB8 | 10265 | 23447 | 0.53% | 0.087% |
| 69 | 17.800 | 2502 | 2504 | 2507 | rVV2 | 7591 | 7395 | 0.17% | 0.028% |
| 70 | 17.941 | 2523 | 2528 | 2531 | rBV6 | 6472 | 10974 | 0.25% | 0.041% |
| 71 | 17.976 | 2531 | 2534 | 2539 | rVB5 | 12108 | 14436 | 0.33% | 0.054% |
| 72 | 18.082 | 2547 | 2552 | 2557 | rBV6 | 24779 | 45999 | 1.04% | 0.171% |
| 73 | 18.141 | 2557 | 2562 | 2567 | rBV | 126618 | 178026 | 4.03% | 0.663% |
| 74 | 18.205 | 2567 | 2573 | 2583 | rVV | 567535 | 806921 | 18.27% | 3.004% |
| 75 | 18.393 | 2600 | 2605 | 2609 | rBV8 | 15589 | 29538 | 0.67% | 0.110% |
| 76 | 18.493 | 2618 | 2622 | 2625 | rBV2 | 17824 | 24141 | 0.55% | 0.090% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DCGL2

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-BG070123.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.540 | 2626 | 2630 | 2636 | rVV2 | 25918 | 43041 | 0.97% | 0.160% |
| 78 | 18.623 | 2641 | 2644 | 2649 | rVV6 | 9552 | 18441 | 0.42% | 0.069% |
| 79 | 18.687 | 2653 | 2655 | 2660 | rVV4 | 9314 | 12455 | 0.28% | 0.046% |
| 80 | 19.122 | 2726 | 2729 | 2734 | rVB3 | 22443 | 30544 | 0.69% | 0.114% |
| 81 | 19.328 | 2760 | 2764 | 2766 | rBV2 | 46530 | 61483 | 1.39% | 0.229% |
| 82 | 19.369 | 2766 | 2771 | 2780 | rVB | 125946 | 288610 | 6.53% | 1.074% |
| 83 | 19.475 | 2785 | 2789 | 2793 | rBV | 111623 | 138537 | 3.14% | 0.516% |
| 84 | 19.704 | 2821 | 2828 | 2838 | rBV | 820968 | 1311596 | 29.70% | 4.883% |
| 85 | 19.856 | 2849 | 2854 | 2859 | rBV | 165163 | 219224 | 4.96% | 0.816% |
| 86 | 20.203 | 2910 | 2913 | 2916 | rBV3 | 38113 | 58234 | 1.32% | 0.217% |
| 87 | 20.550 | 2969 | 2972 | 2978 | rVB6 | 29516 | 46673 | 1.06% | 0.174% |
| 88 | 21.214 | 3081 | 3085 | 3091 | rBV2 | 258231 | 431795 | 9.78% | 1.608% |
| 89 | 21.572 | 3139 | 3146 | 3151 | rBV | 489858 | 859972 | 19.47% | 3.202% |
| 90 | 22.354 | 3274 | 3279 | 3293 | rBV3 | 96043 | 325994 | 7.38% | 1.214% |
| 91 | 23.822 | 3523 | 3529 | 3535 | rVB | 194632 | 410987 | 9.31% | 1.530% |
| 92 | 24.522 | 3640 | 3648 | 3658 | rVB2 | 373745 | 988017 | 22.37% | 3.678% |
| 93 | 24.745 | 3677 | 3686 | 3696 | rVB | 333915 | 936352 | 21.20% | 3.486% |
| 94 | 25.262 | 3770 | 3774 | 3784 | rVB2 | 85060 | 199941 | 4.53% | 0.744% |
| 95 | 25.861 | 3868 | 3876 | 3888 | rVB2 | 284832 | 871640 | 19.74% | 3.245% |
| 96 | 27.971 | 4227 | 4235 | 4250 | rVB4 | 148293 | 561319 | 12.71% | 2.090% |
| 97 | 28.805 | 4366 | 4377 | 4404 | rVB2 | 362346 | 1847616 | 41.83% | 6.879% |
| 98 | 32.218 | 4940 | 4958 | 4984 | rVB6 | 725370 | 4416495 | 100.00% | 16.442% |

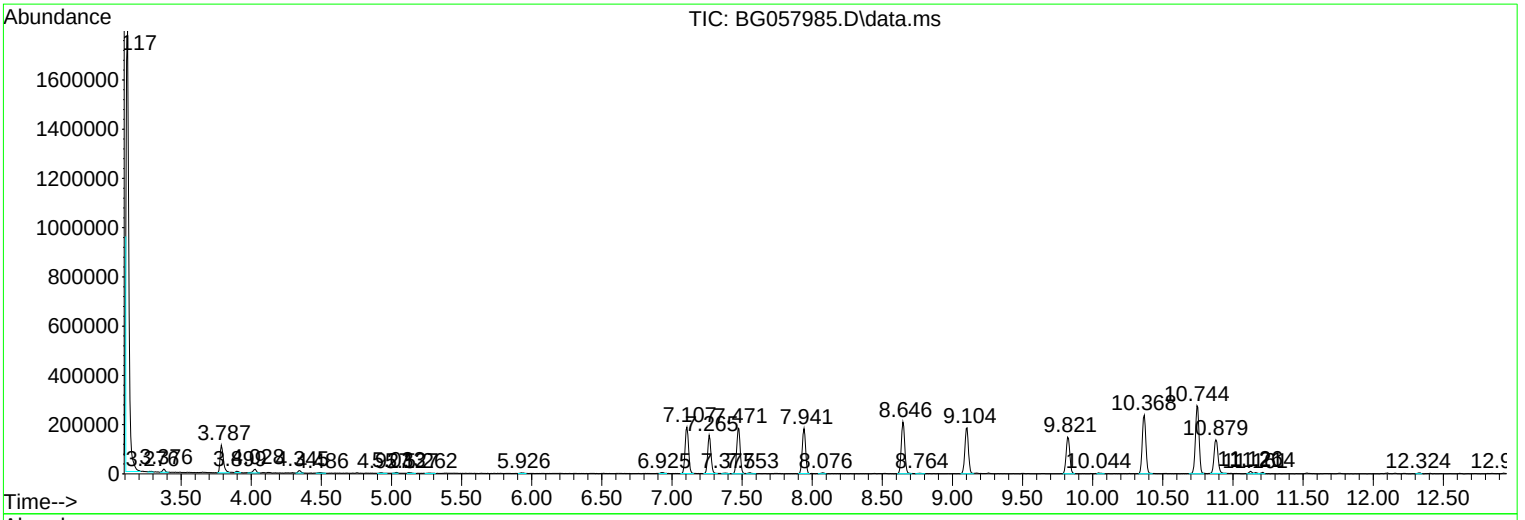
Sum of corrected areas: 26860458

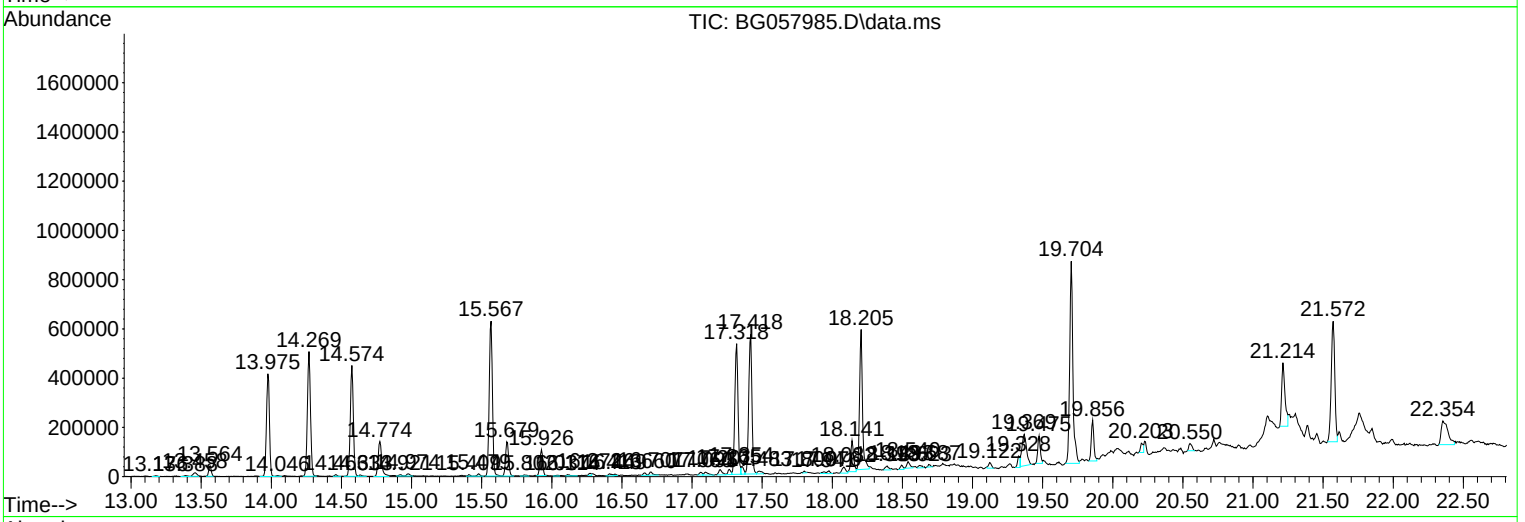
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

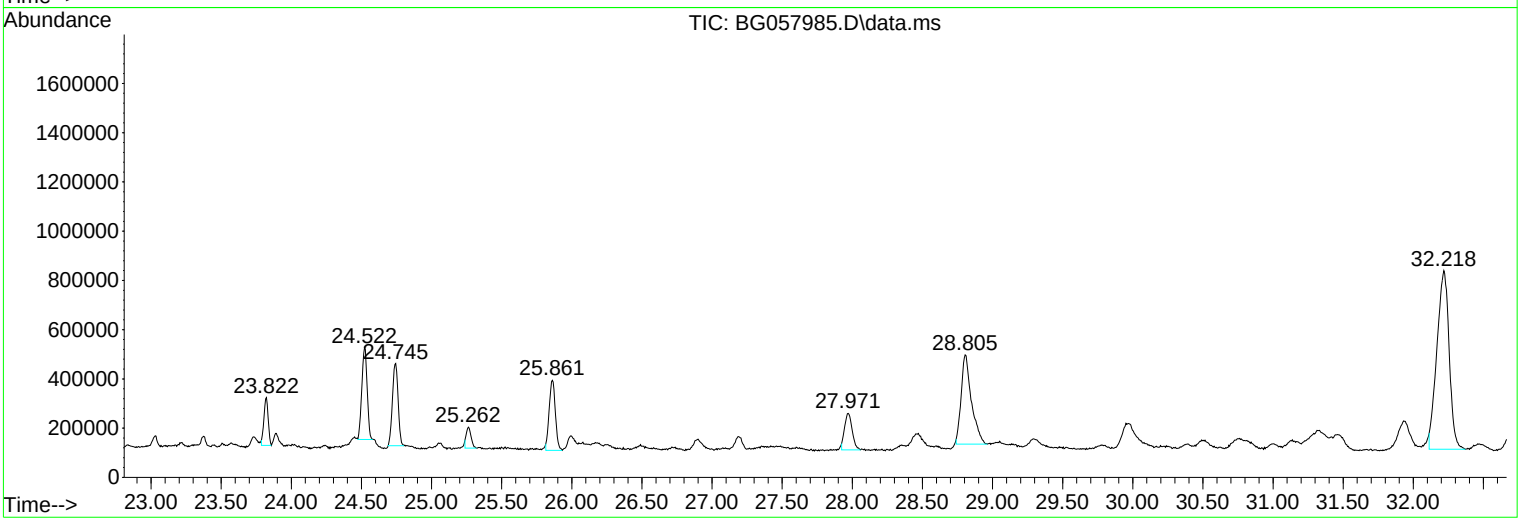
**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

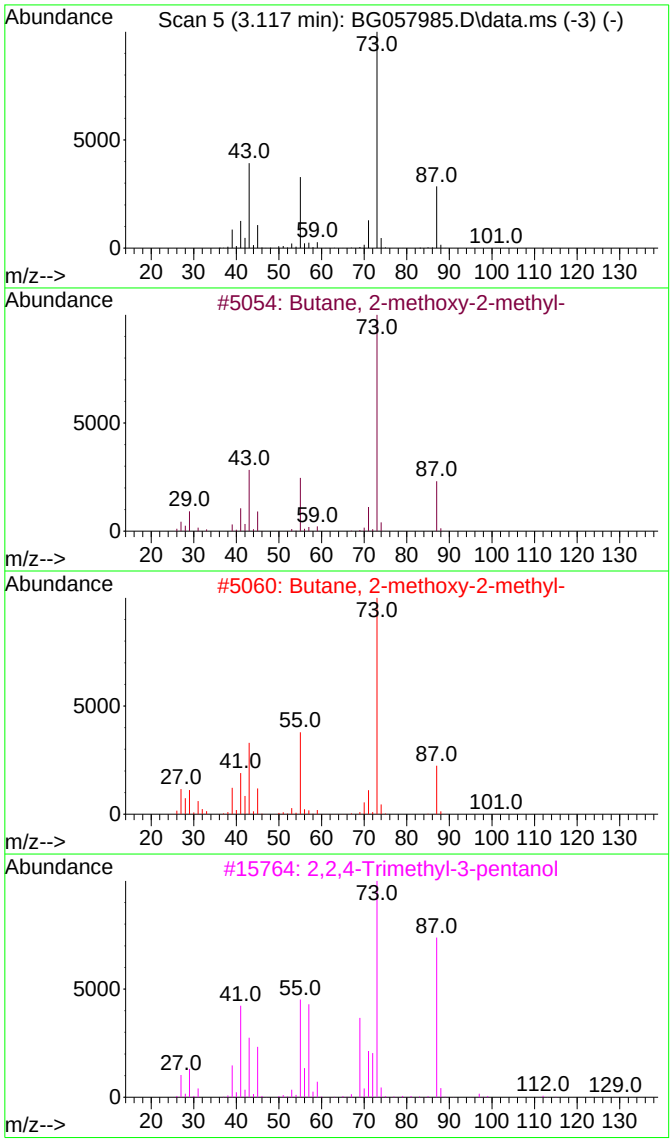
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

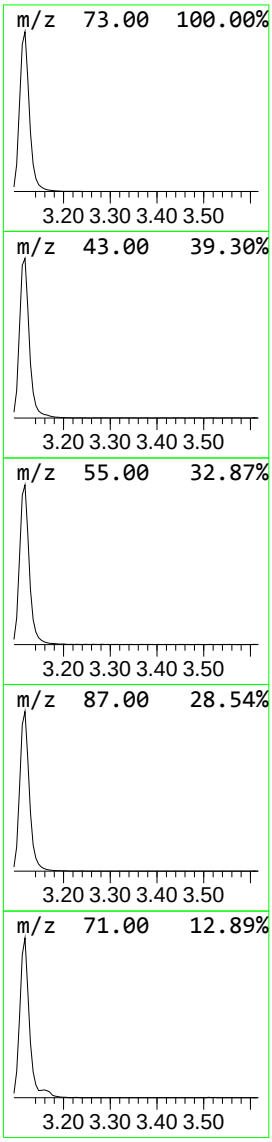
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.117 | 142.01 ng/ul | 2133030 | 1,4-Dichlorobenzene-d4 | 7.941 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 72 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 35 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

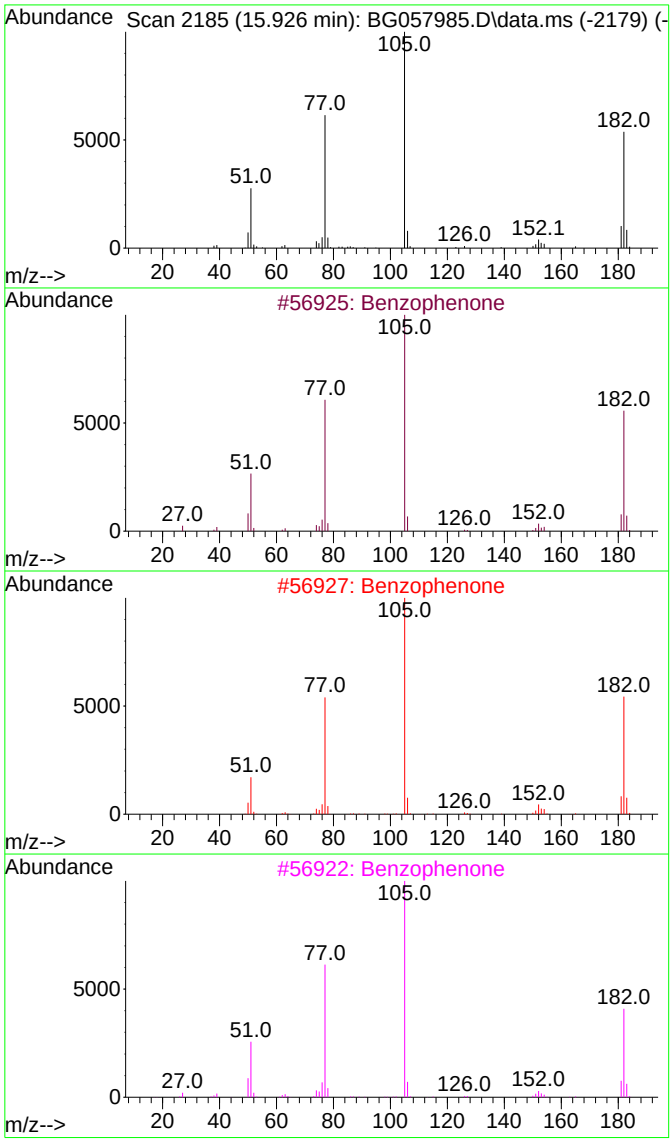
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

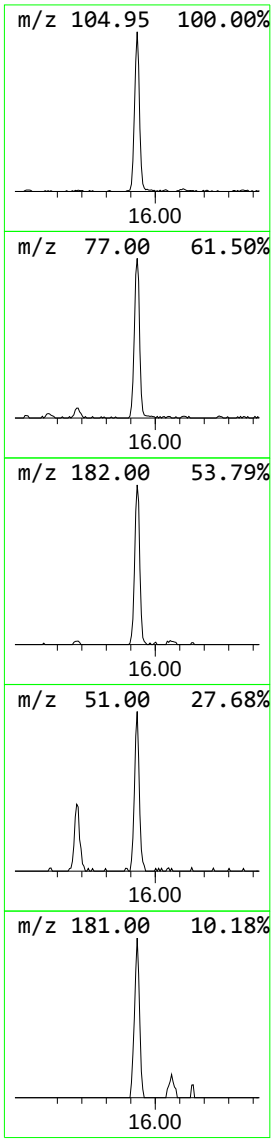
**********

Peak Number 2 Benzophenone Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.926 | 4.31 ng/ul | 149413 | Acenaphthene-d10 | 14.574 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 90 |
| 5 | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO | 000936-59-4 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

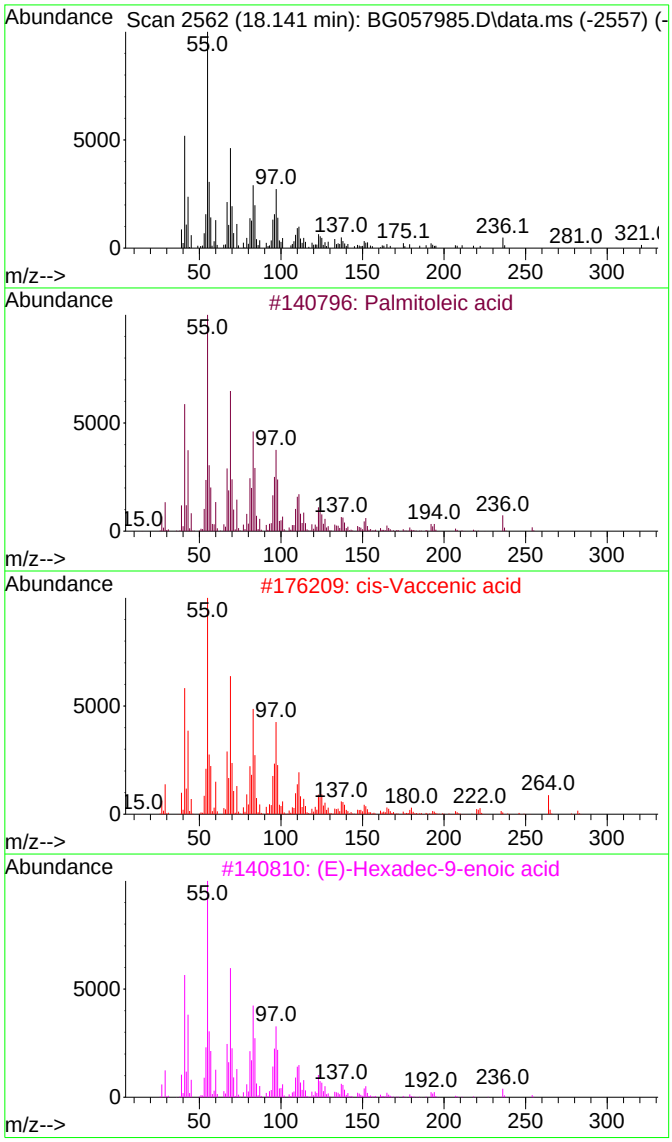
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

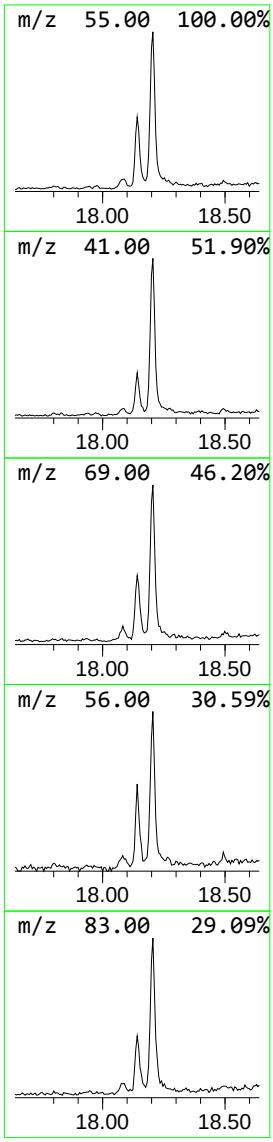
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Palmitoleic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.141 | 4.28 ng/ul | 178026 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 91 |
| 2 | cis-Vaccenic acid | 282 | C18H34O2 | 000506-17-2 | 91 |
| 3 | (E)-Hexadec-9-enoic acid | 254 | C16H30O2 | 010030-73-6 | 91 |
| 4 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 90 |
| 5 | trans-13-Octadecenoic acid | 282 | C18H34O2 | 000693-71-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

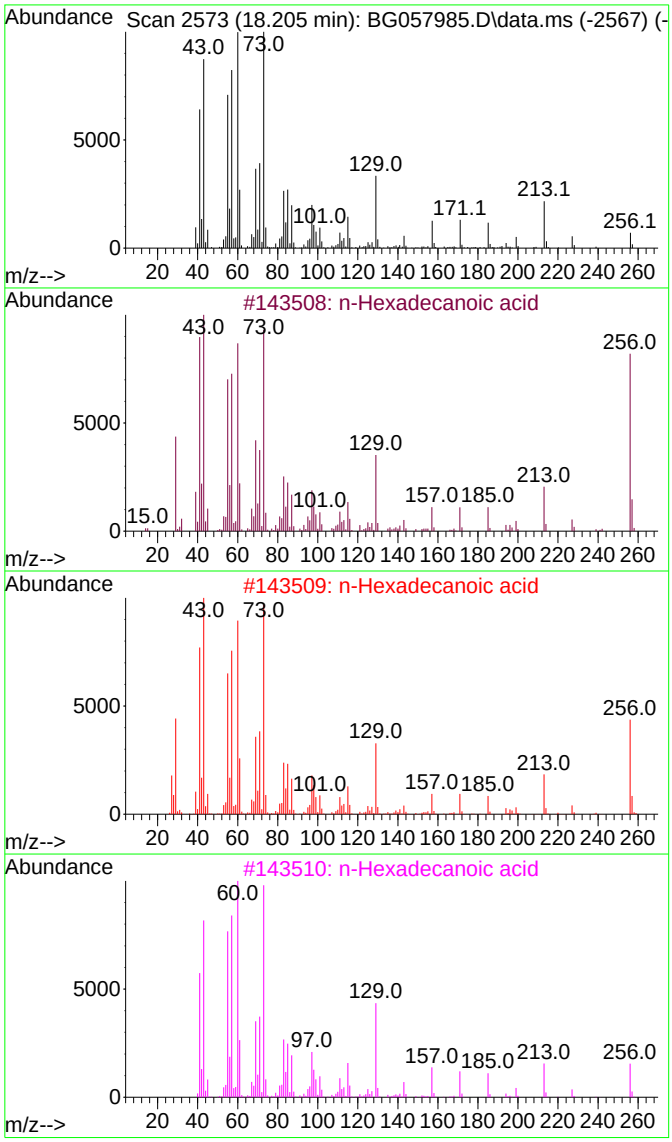
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

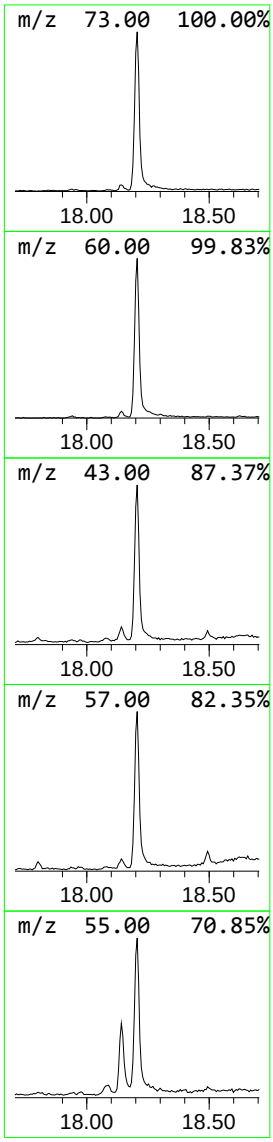
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.206 | 19.42 ng/ul | 806921 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

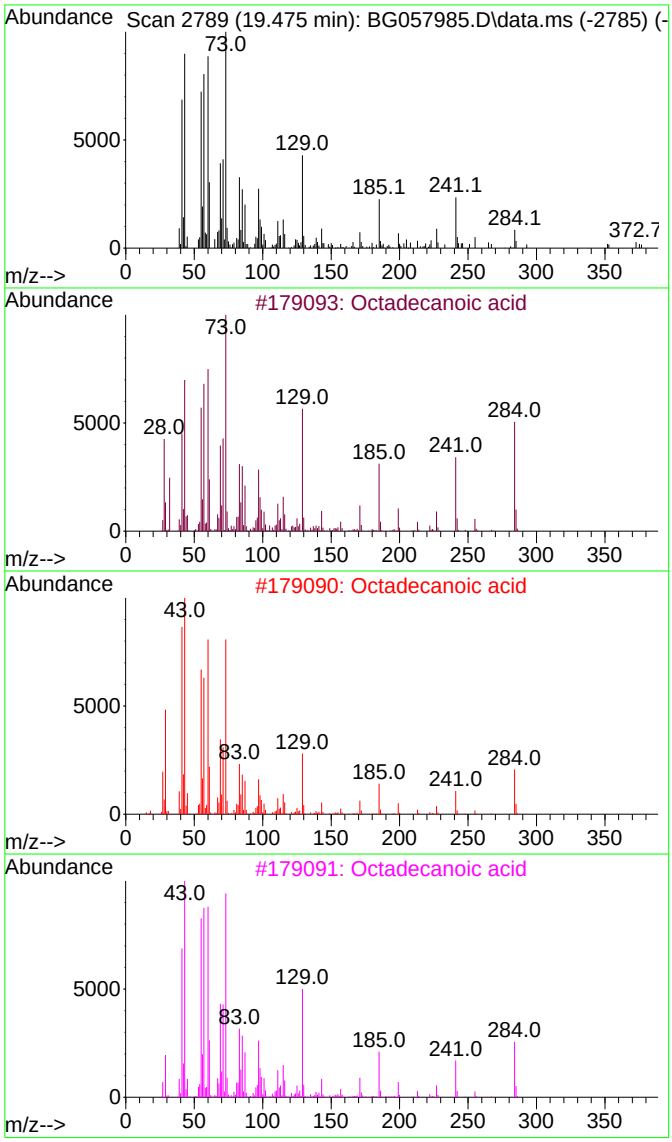
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

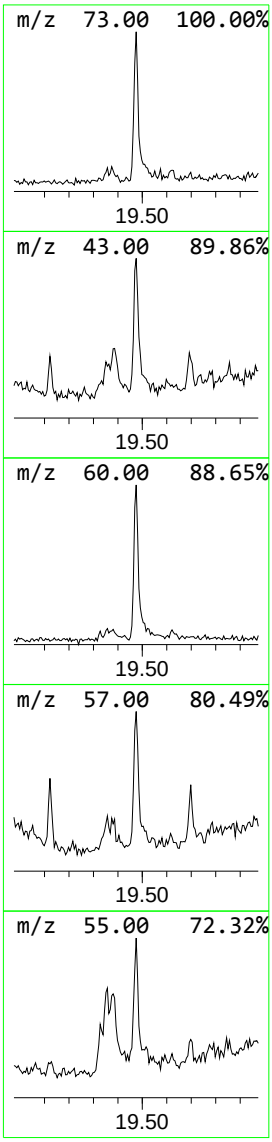
**********

Peak Number 5 Octadecanoic acid Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.475 | 3.22 ng/ul | 138537 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

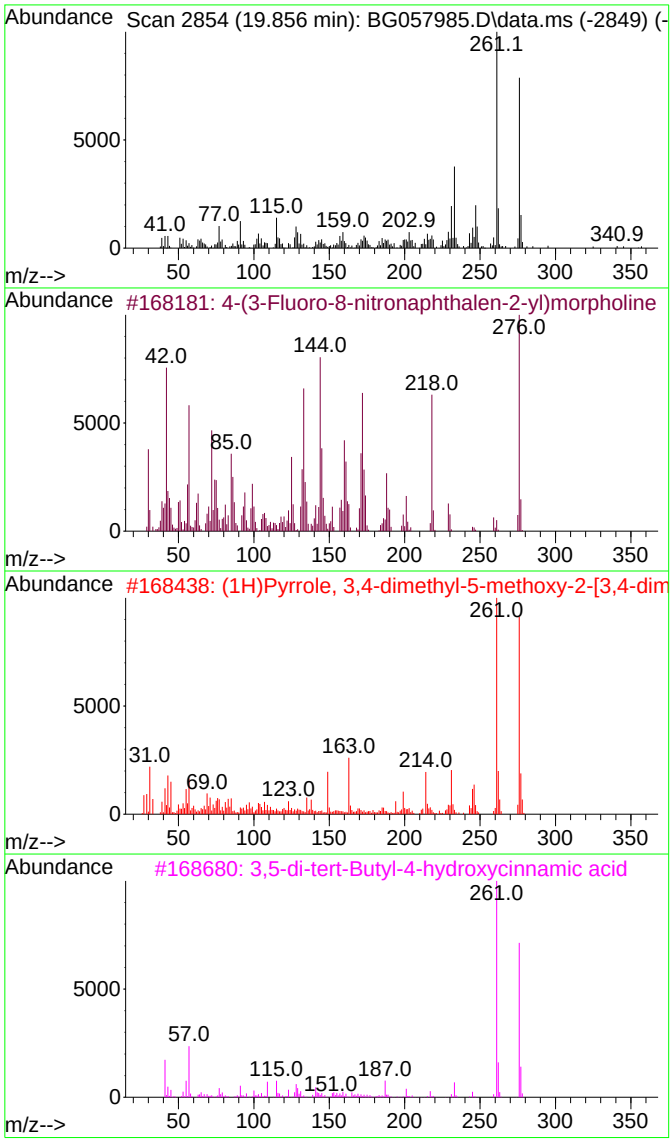
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

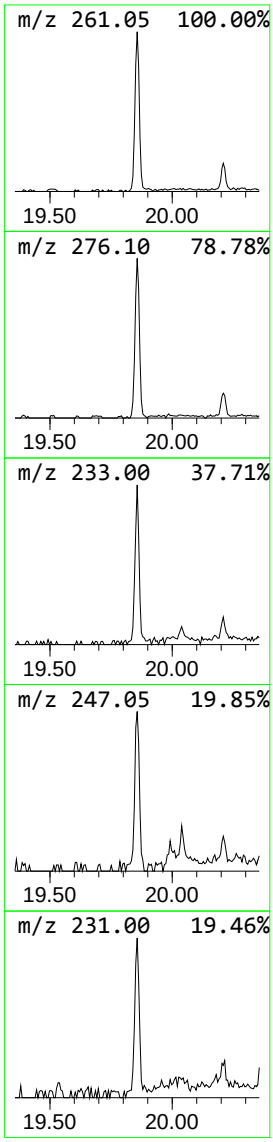
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 4-(3-Fluoro-8-nitronaphthal... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.857 | 5.10 ng/ul | 219224 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-(3-Fluoro-8-nitronaphthalen-2-... | 276 | C14H13FN2O3 | 1000409-37-1 | 91 |
| 2 | (1H)Pyrrole, 3,4-dimethyl-5-meth... | 276 | C15H20N2OS | 1000197-22-6 | 64 |
| 3 | 3,5-di-tert-Butyl-4-hydroxycinna... | 276 | C17H24O3 | 022014-01-3 | 58 |
| 4 | 3-Methoxy-5-pentyl-2-prenylpheno... | 276 | C18H28O2 | 083036-53-7 | 53 |
| 5 | 5-[4-(Diethylamino)phenyl]-4-eth... | 276 | C14H20N4S | 1000476-62-2 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

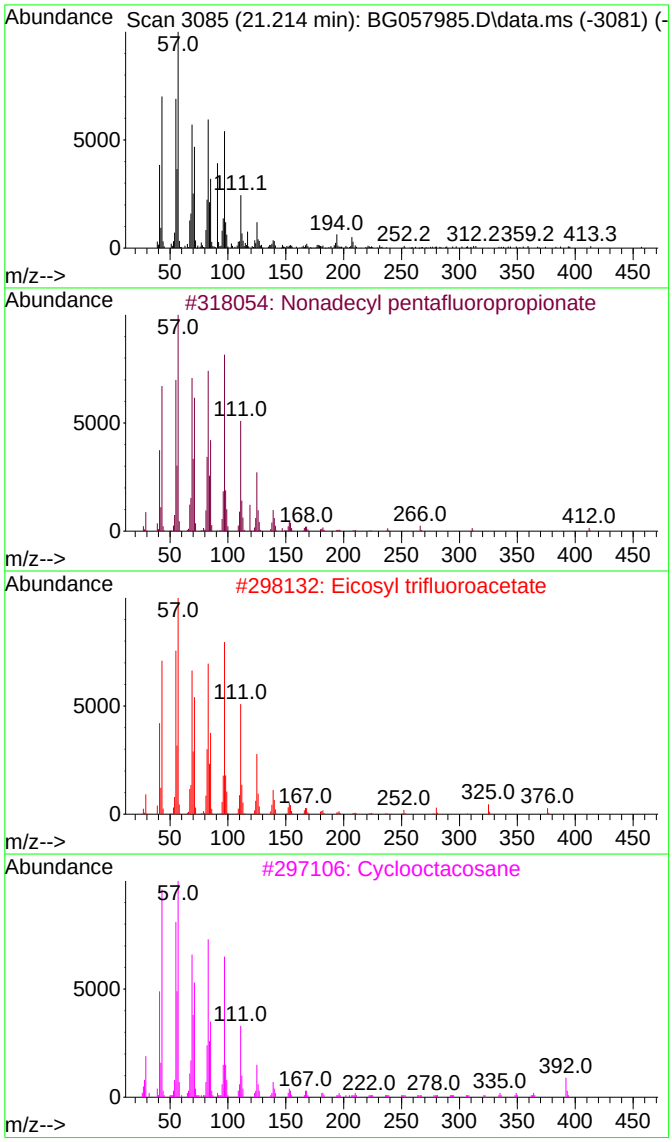
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

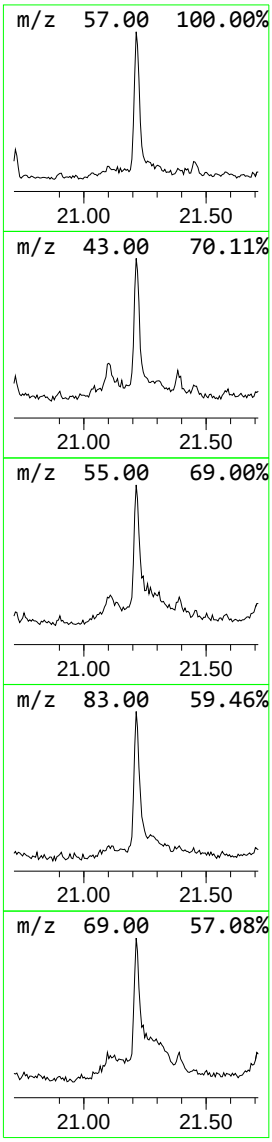
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Nonadecyl pentafluoropropio... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.214 | 10.04 ng/ul | 431795 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91 |
| 2 | Eicosyl trifluoroacetate | 394 | C22H41F3O2 | 1000351-75-2 | 91 |
| 3 | Cyclooctacosane | 392 | C28H56 | 000297-24-5 | 91 |
| 4 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |
| 5 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

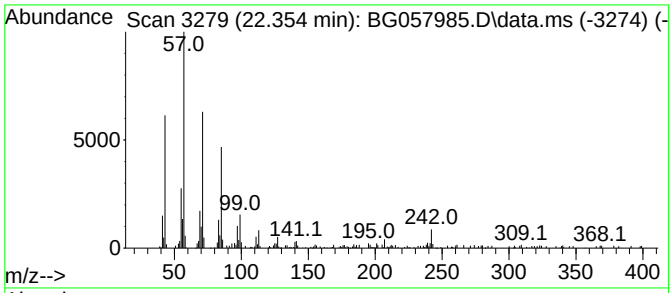
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

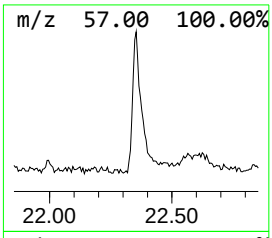
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

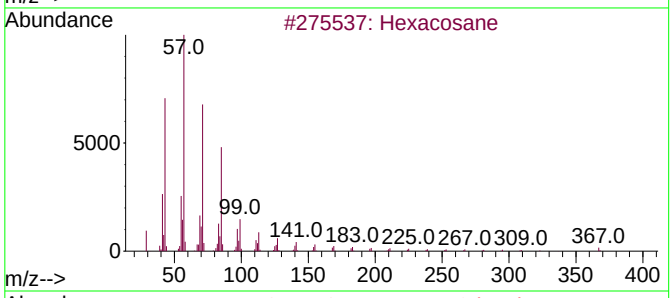
**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

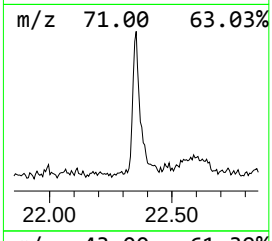
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.354 | 7.58 ng/ul | 325994 | Chrysene-d12 | 21.572 |

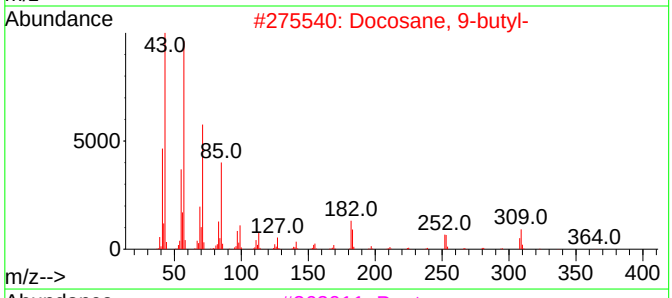
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 2 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 86 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 86 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 80 |
| 5 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 74 |

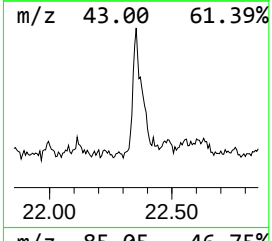


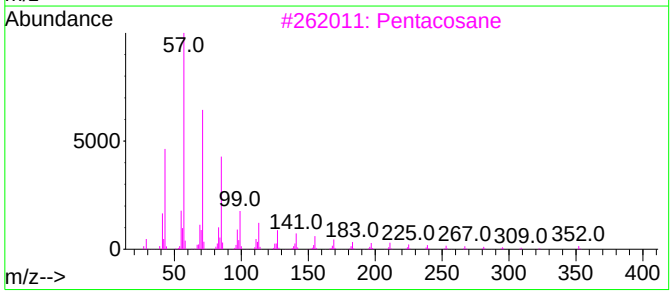



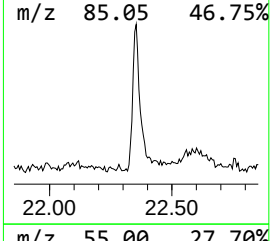



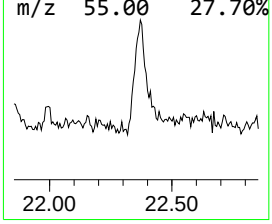



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

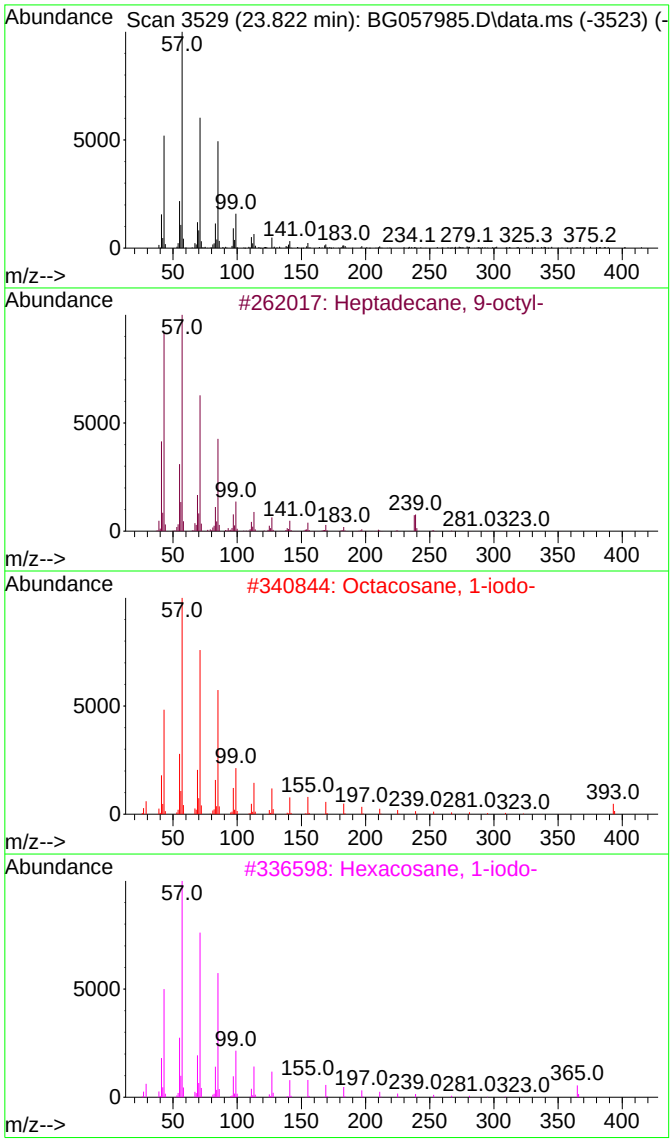
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

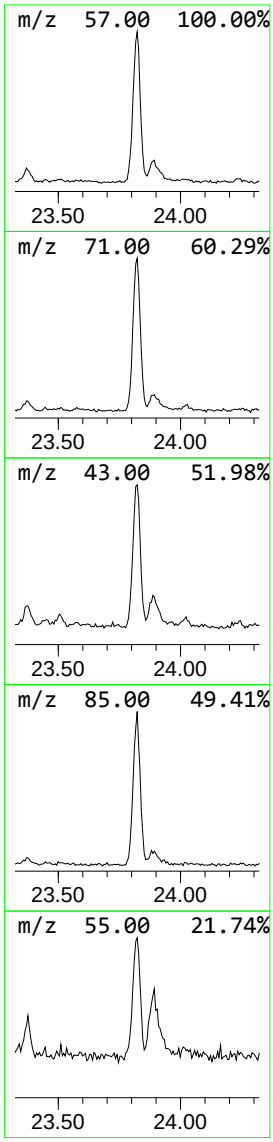
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.822 | 8.78 ng/ul | 410987 | Perylene-d12 | 24.739 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 2 | Octacosane, 1-iodo- | 520 | C28H57I | 1000406-32-2 | 90 |
| 3 | Hexacosane, 1-iodo- | 492 | C26H53I | 1000406-32-1 | 90 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 83 |
| 5 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

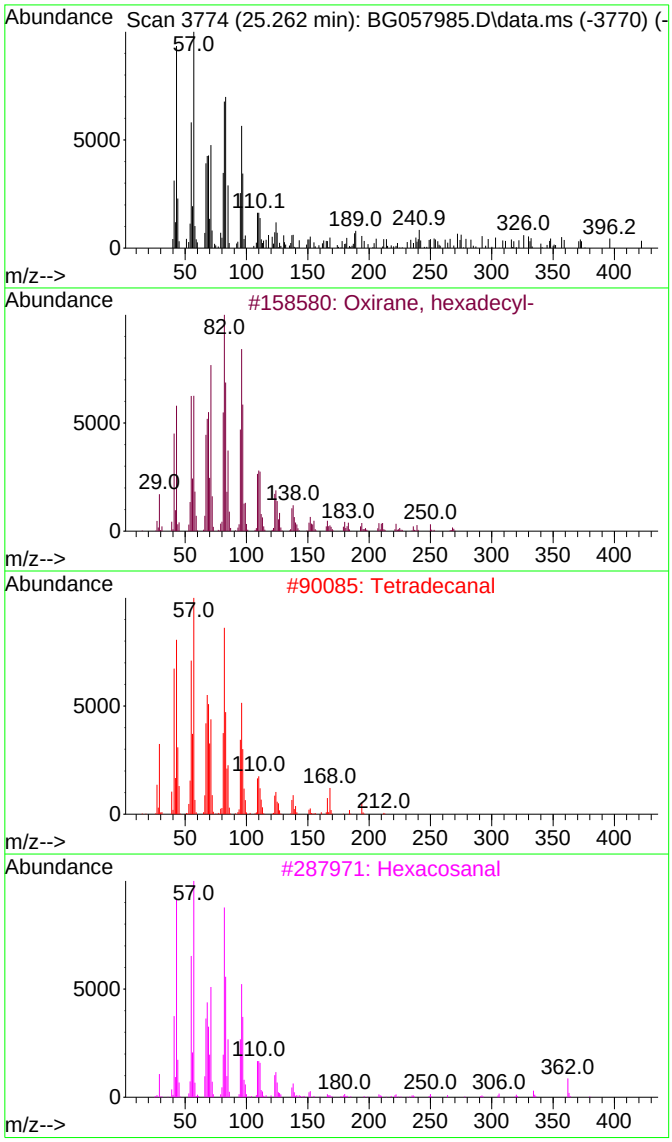
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

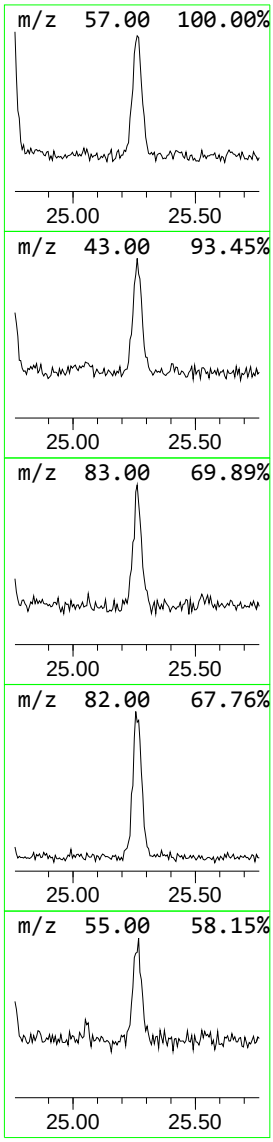
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Oxirane, hexadecyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.262 | 4.27 ng/ul | 199941 | Perylene-d12 | 24.739 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |
| 2 | Tetradecanal | 212 | C14H28O | 000124-25-4 | 83 |
| 3 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 81 |
| 4 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 76 |
| 5 | E-3-Tetradecen-1-ol acetate | 254 | C16H30O2 | 1000130-81-1 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

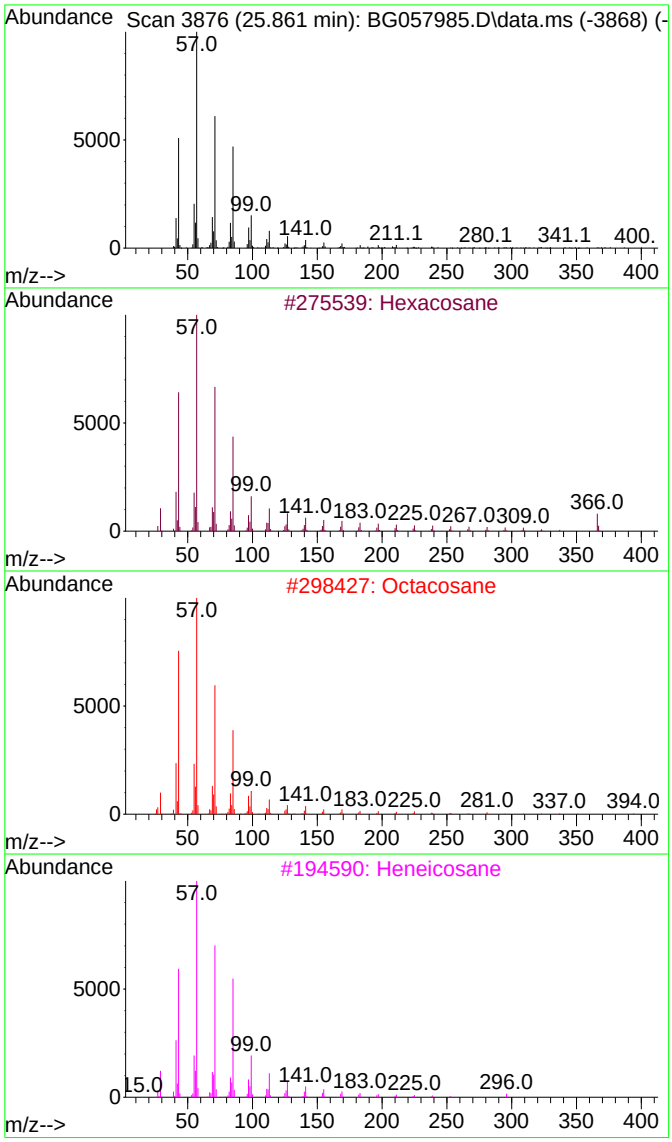
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

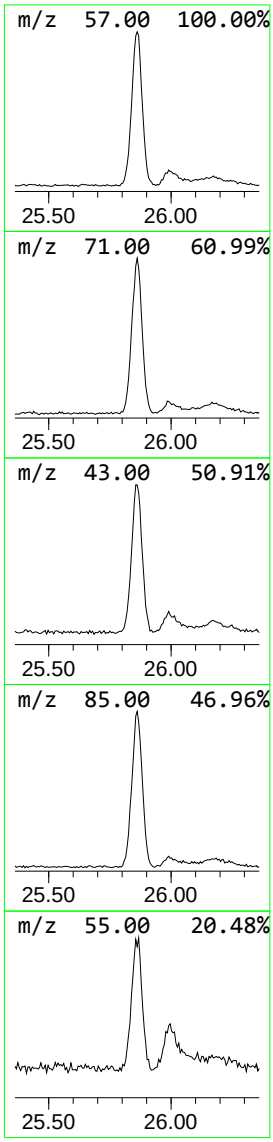
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.861 | 18.62 ng/ul | 871640 | Perylene-d12 | 24.739 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 93 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | 2-Methylpentacosane | 366 | C26H54 | 000629-87-8 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

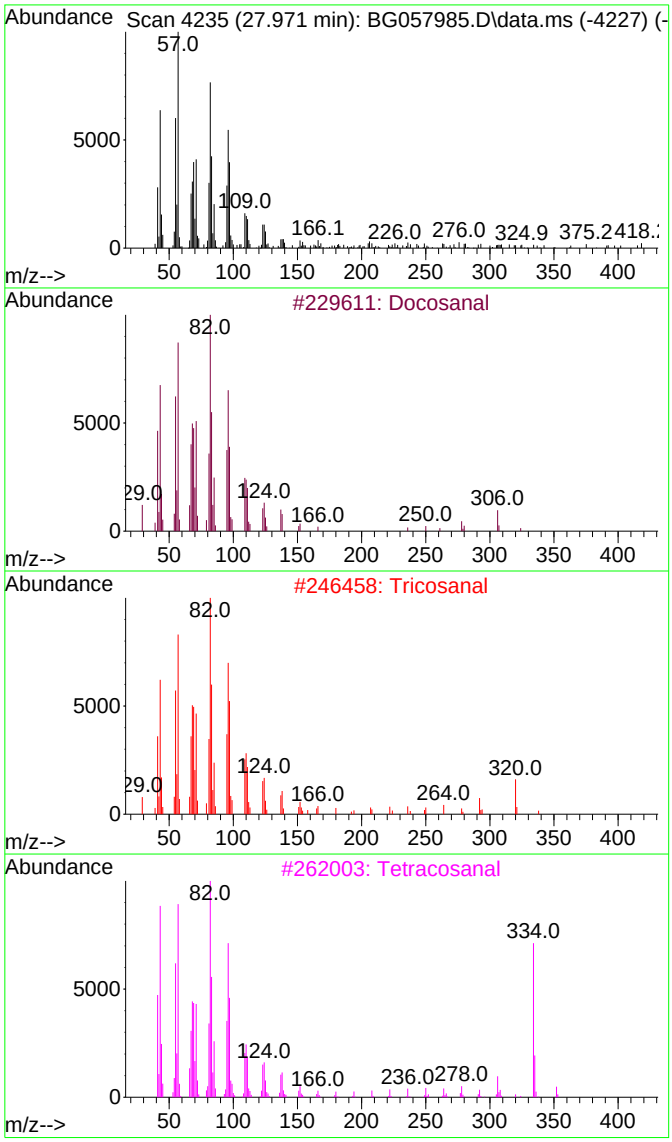
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

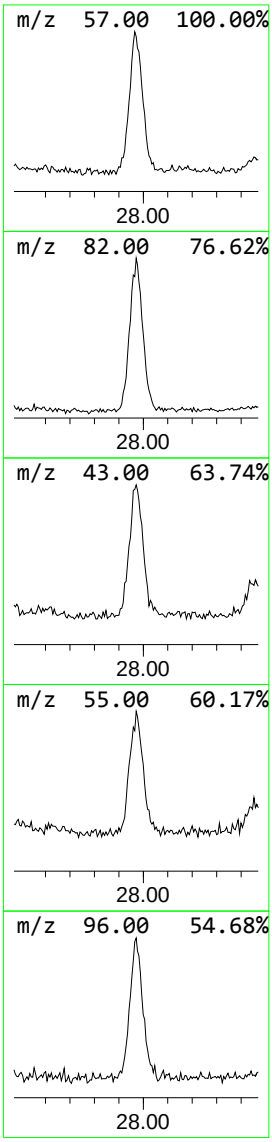
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Docosanal Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.971 | 11.99 ng/ul | 561319 | Perylene-d12 | 24.739 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosanal | 324 | C22H44O | 057402-36-5 | 95 |
| 2 | Tricosanal | 338 | C23H46O | 072934-02-2 | 90 |
| 3 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 90 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 89 |
| 5 | 13-Docosen-1-ol, (Z)- | 324 | C22H44O | 000629-98-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

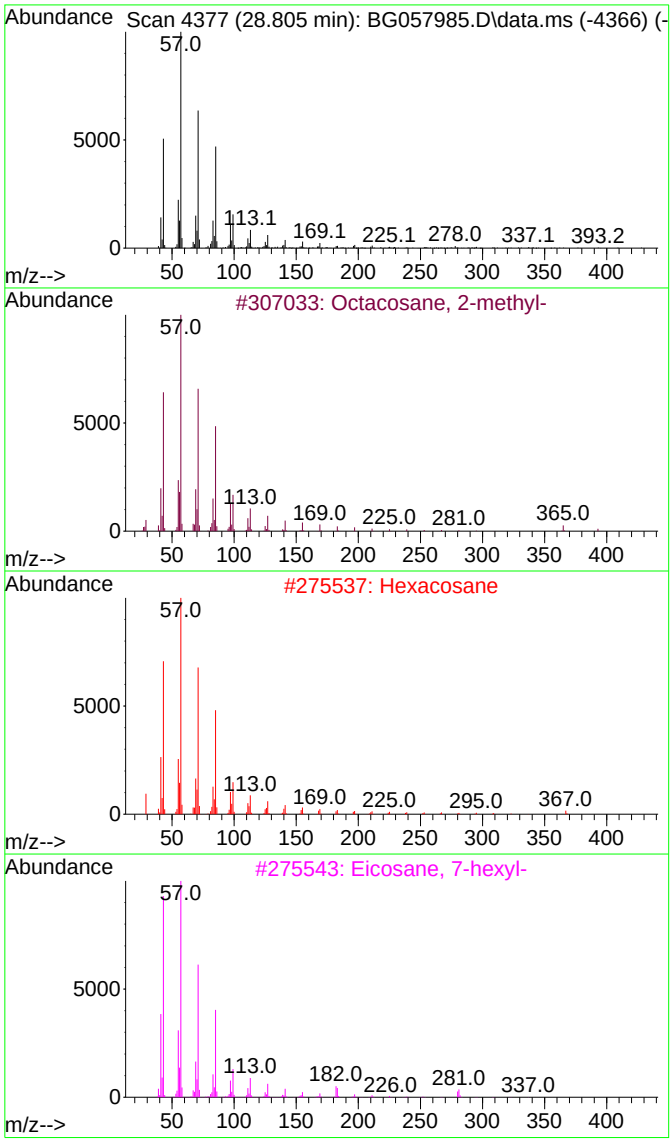
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

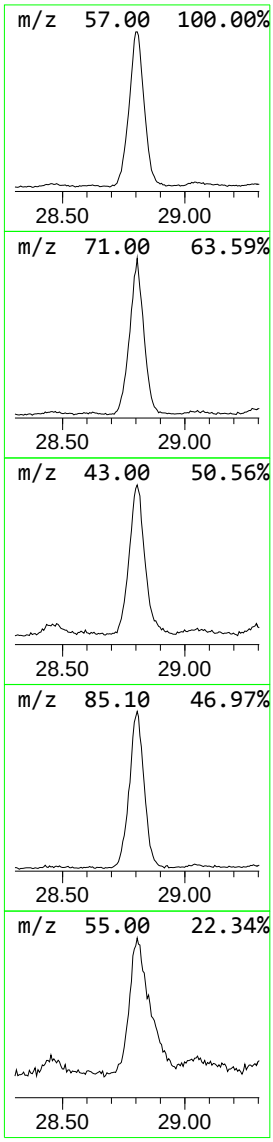
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 28.805 | 39.46 ng/ul | 1847620 | Perylene-d12 | 24.739 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 3 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

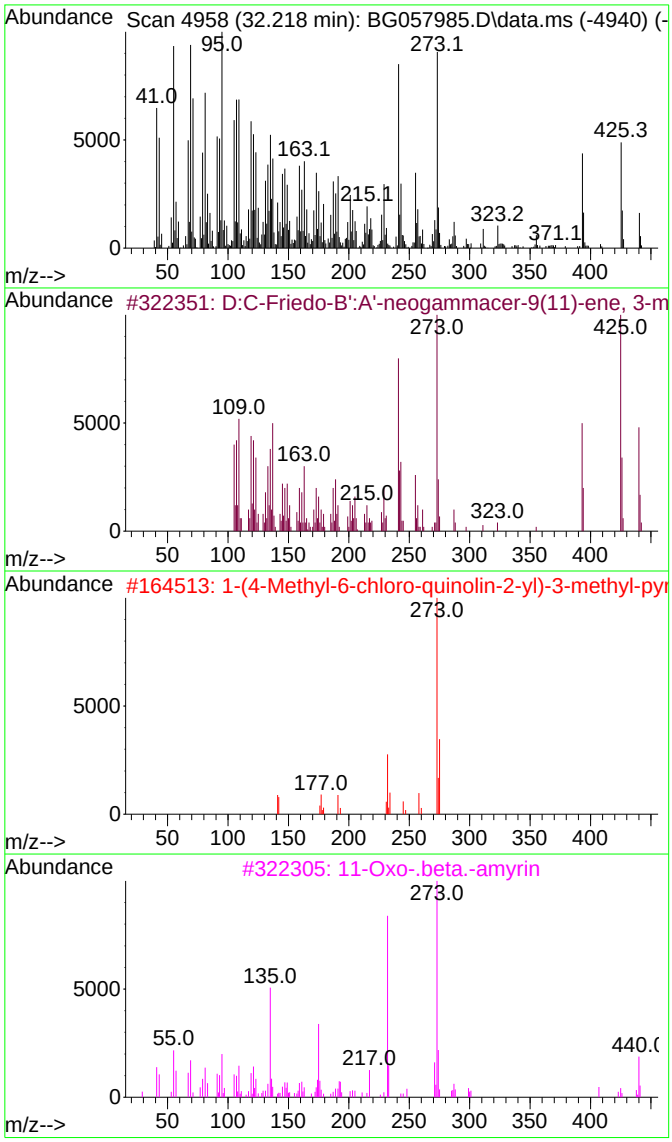
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

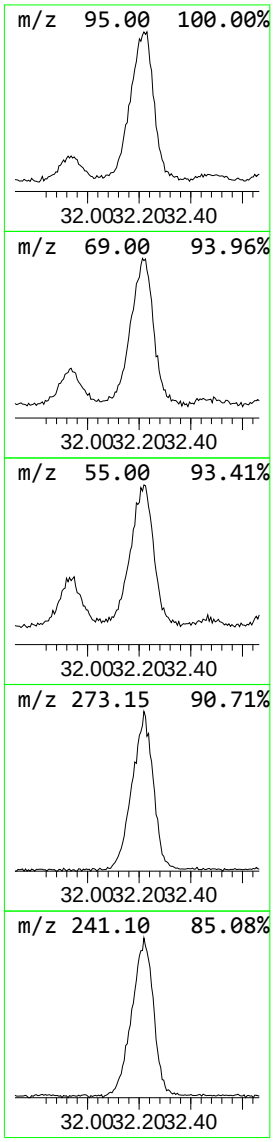
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 unknown-01 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 32.218 | 94.33 ng/ul | 4416500 | Perylene-d12 | 24.739 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | D:C-Friedo-B':A'-neogammacer-9(1... | 440 | C31H52O | 004555-56-0 | 38 |
| 2 | 1-(4-Methyl-6-chloro-quinolin-2-... | 273 | C14H12ClN3O | 111784-26-0 | 25 |
| 3 | 11-Oxo-.beta.-amyrin | 440 | C30H48O2 | 038242-02-3 | 25 |
| 4 | 6-Nitro-2-phenylthieno[2,3-d]pyr... | 273 | C12H7N3O3S | 1000460-07-6 | 25 |
| 5 | 1,6-Dihydropyridazine-3-carboxyl... | 273 | C13H8FN3O3 | 1000304-05-0 | 22 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057985.D
Acq On : 4 Jul 2023 12:38
Operator : CG/JU
Sample : 03247-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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 |
| Butane, 2-metho... | 3.117 | 142.0 | ng/ul | 2133030 | 1 | 7.941 | 300409 | 20.0 |
| Benzophenone | 15.926 | 4.3 | ng/ul | 149413 | 3 | 14.574 | 693178 | 20.0 |
| Palmitoleic acid | 18.141 | 4.3 | ng/ul | 178026 | 4 | 17.318 | 831012 | 20.0 |
| n-Hexadecanoic ... | 18.206 | 19.4 | ng/ul | 806921 | 4 | 17.318 | 831012 | 20.0 |
| Octadecanoic acid | 19.475 | 3.2 | ng/ul | 138537 | 5 | 21.572 | 859972 | 20.0 |
| 4-(3-Fluoro-8-n... | 19.857 | 5.1 | ng/ul | 219224 | 5 | 21.572 | 859972 | 20.0 |
| Nonadecyl penta... | 21.214 | 10.0 | ng/ul | 431795 | 5 | 21.572 | 859972 | 20.0 |
| (DEL) Alkane: S... | 22.354 | 7.6 | ng/ul | 325994 | 5 | 21.572 | 859972 | 20.0 |
| (DEL) Alkane: S... | 23.822 | 8.8 | ng/ul | 410987 | 6 | 24.739 | 936352 | 20.0 |
| Oxirane, hexade... | 25.262 | 4.3 | ng/ul | 199941 | 6 | 24.739 | 936352 | 20.0 |
| (DEL) Alkane: S... | 25.861 | 18.6 | ng/ul | 871640 | 6 | 24.739 | 936352 | 20.0 |
| Docosanal | 27.971 | 12.0 | ng/ul | 561319 | 6 | 24.739 | 936352 | 20.0 |
| (DEL) Alkane: S... | 28.805 | 39.5 | ng/ul | 1847620 | 6 | 24.739 | 936352 | 20.0 |
| unknown-01 | 32.218 | 94.3 | ng/ul | 4416500 | 6 | 24.739 | 936352 | 20.0 |