LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

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-BG092723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059249.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.489 | 12 | 17 | 21 | rVV6 | 16990 | 28896 | 0.71% | 0.127% |
| 2 | 3.524 | 21 | 23 | 30 | rVB6 | 12799 | 18901 | 0.46% | 0.083% |
| 3 | 3.964 | 92 | 98 | 110 | rBV | 81957 | 150274 | 3.69% | 0.658% |
| 4 | 4.176 | 131 | 134 | 142 | rVB4 | 12418 | 22713 | 0.56% | 0.099% |
| 5 | 4.840 | 240 | 247 | 268 | rVB | 2348264 | 4072527 | 100.00% | 17.832% |
| 6 | 5.239 | 310 | 315 | 319 | rBV5 | 4254 | 9237 | 0.23% | 0.040% |
| 7 | 5.328 | 325 | 330 | 333 | rBV5 | 6649 | 10517 | 0.26% | 0.046% |
| 8 | 5.451 | 346 | 351 | 356 | rBV5 | 8022 | 13253 | 0.33% | 0.058% |
| 9 | 5.827 | 410 | 415 | 424 | rVB2 | 18686 | 34325 | 0.84% | 0.150% |
| 10 | 6.432 | 514 | 518 | 525 | rVB8 | 4283 | 10719 | 0.26% | 0.047% |
| 11 | 6.685 | 554 | 561 | 566 | rBV8 | 10023 | 19346 | 0.48% | 0.085% |
| 12 | 6.796 | 574 | 580 | 587 | rBV6 | 10813 | 20691 | 0.51% | 0.091% |
| 13 | 7.319 | 662 | 669 | 670 | rBV4 | 13715 | 21790 | 0.54% | 0.095% |
| 14 | 7.360 | 670 | 676 | 688 | rVB | 65096 | 120035 | 2.95% | 0.526% |
| 15 | 7.554 | 701 | 709 | 716 | rBV | 242507 | 412148 | 10.12% | 1.805% |
| 16 | 7.748 | 733 | 742 | 753 | rBV2 | 212130 | 378480 | 9.29% | 1.657% |
| 17 | 8.118 | 796 | 805 | 813 | rVB7 | 16900 | 36273 | 0.89% | 0.159% |
| 18 | 8.230 | 816 | 824 | 832 | rBV | 139425 | 231941 | 5.70% | 1.016% |
| 19 | 8.336 | 838 | 842 | 845 | rBV3 | 5801 | 8764 | 0.22% | 0.038% |
| 20 | 8.400 | 850 | 853 | 860 | rVB4 | 6146 | 10756 | 0.26% | 0.047% |
| 21 | 8.677 | 897 | 900 | 905 | rVV6 | 6940 | 9423 | 0.23% | 0.041% |
| 22 | 8.741 | 909 | 911 | 919 | rVB8 | 10599 | 17120 | 0.42% | 0.075% |
| 23 | 8.923 | 936 | 942 | 951 | rVV | 170587 | 305564 | 7.50% | 1.338% |
| 24 | 9.053 | 957 | 964 | 968 | rBV7 | 11155 | 25825 | 0.63% | 0.113% |
| 25 | 9.299 | 1003 | 1006 | 1011 | rVV6 | 7902 | 13442 | 0.33% | 0.059% |
| 26 | 9.429 | 1021 | 1028 | 1036 | rVB | 301302 | 506023 | 12.43% | 2.216% |
| 27 | 9.646 | 1059 | 1065 | 1068 | rBV3 | 6914 | 14167 | 0.35% | 0.062% |
| 28 | 9.805 | 1087 | 1092 | 1096 | rBV4 | 6121 | 12013 | 0.29% | 0.053% |
| 29 | 10.145 | 1141 | 1150 | 1157 | rBV2 | 226170 | 403819 | 9.92% | 1.768% |
| 30 | 10.210 | 1157 | 1161 | 1172 | rVB9 | 9083 | 23305 | 0.57% | 0.102% |
| 31 | 10.674 | 1233 | 1240 | 1247 | rBV | 331810 | 580205 | 14.25% | 2.541% |
| 32 | 11.074 | 1300 | 1308 | 1315 | rVV | 203623 | 359407 | 8.83% | 1.574% |
| 33 | 11.215 | 1325 | 1332 | 1341 | rBV2 | 238063 | 456288 | 11.20% | 1.998% |
| 34 | 11.873 | 1440 | 1444 | 1450 | rVB9 | 7255 | 14242 | 0.35% | 0.062% |
| 35 | 12.637 | 1570 | 1574 | 1579 | rBV3 | 8159 | 13728 | 0.34% | 0.060% |
| 36 | 13.612 | 1737 | 1740 | 1744 | rBV2 | 6255 | 8893 | 0.22% | 0.039% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

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-BG092723.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.694 | 1750 | 1754 | 1760 | rVB3 | 12626 | 22280 | 0.55% | 0.098% |
| 38 | 14.264 | 1844 | 1851 | 1856 | rBV | 694341 | 1018548 | 25.01% | 4.460% |
| 39 | 14.570 | 1895 | 1903 | 1911 | rBV | 819108 | 1280055 | 31.43% | 5.605% |
| 40 | 14.675 | 1915 | 1921 | 1925 | rBV5 | 12664 | 21056 | 0.52% | 0.092% |
| 41 | 14.863 | 1948 | 1953 | 1960 | rVB | 312946 | 483123 | 11.86% | 2.115% |
| 42 | 15.057 | 1980 | 1986 | 1990 | rBV2 | 57154 | 95450 | 2.34% | 0.418% |
| 43 | 15.169 | 2002 | 2005 | 2008 | rVB5 | 6407 | 8516 | 0.21% | 0.037% |
| 44 | 15.287 | 2021 | 2025 | 2029 | rBV4 | 9409 | 14188 | 0.35% | 0.062% |
| 45 | 15.627 | 2074 | 2083 | 2087 | rBV2 | 29017 | 43816 | 1.08% | 0.192% |
| 46 | 15.680 | 2087 | 2092 | 2096 | rBV7 | 7649 | 13636 | 0.33% | 0.060% |
| 47 | 15.851 | 2114 | 2121 | 2127 | rVV | 1046592 | 1625815 | 39.92% | 7.119% |
| 48 | 15.903 | 2127 | 2130 | 2134 | rVV2 | 56960 | 81756 | 2.01% | 0.358% |
| 49 | 15.962 | 2134 | 2140 | 2145 | rVV | 299018 | 458074 | 11.25% | 2.006% |
| 50 | 16.015 | 2145 | 2149 | 2155 | rVB3 | 32070 | 62105 | 1.52% | 0.272% |
| 51 | 16.121 | 2165 | 2167 | 2171 | rVB5 | 7669 | 11551 | 0.28% | 0.051% |
| 52 | 16.250 | 2187 | 2189 | 2194 | rVB6 | 12172 | 19488 | 0.48% | 0.085% |
| 53 | 16.497 | 2225 | 2231 | 2236 | rBV3 | 75457 | 146298 | 3.59% | 0.641% |
| 54 | 16.820 | 2282 | 2286 | 2290 | rBV6 | 11987 | 20132 | 0.49% | 0.088% |
| 55 | 16.943 | 2305 | 2307 | 2310 | rBV4 | 10787 | 10578 | 0.26% | 0.046% |
| 56 | 17.061 | 2324 | 2327 | 2328 | rBV2 | 11466 | 9479 | 0.23% | 0.042% |
| 57 | 17.108 | 2333 | 2335 | 2339 | rBV5 | 14575 | 23200 | 0.57% | 0.102% |
| 58 | 17.278 | 2360 | 2364 | 2367 | rBV | 46687 | 55217 | 1.36% | 0.242% |
| 59 | 17.325 | 2367 | 2372 | 2377 | rVB | 74663 | 112522 | 2.76% | 0.493% |
| 60 | 17.519 | 2400 | 2405 | 2407 | rBV6 | 11821 | 18780 | 0.46% | 0.082% |
| 61 | 17.613 | 2415 | 2421 | 2427 | rVB | 375434 | 556191 | 13.66% | 2.435% |
| 62 | 17.713 | 2432 | 2438 | 2445 | rBV | 1153419 | 1728446 | 42.44% | 7.568% |
| 63 | 17.930 | 2472 | 2475 | 2480 | rVB5 | 30484 | 45704 | 1.12% | 0.200% |
| 64 | 18.019 | 2486 | 2490 | 2495 | rVB | 50700 | 71909 | 1.77% | 0.315% |
| 65 | 18.083 | 2495 | 2501 | 2506 | rBV10 | 14215 | 34528 | 0.85% | 0.151% |
| 66 | 18.130 | 2506 | 2509 | 2514 | rVB7 | 12226 | 16708 | 0.41% | 0.073% |
| 67 | 18.289 | 2533 | 2536 | 2537 | rBV3 | 13019 | 12856 | 0.32% | 0.056% |
| 68 | 18.430 | 2557 | 2560 | 2563 | rBV5 | 35363 | 43853 | 1.08% | 0.192% |
| 69 | 18.524 | 2573 | 2576 | 2578 | rBV4 | 14837 | 18793 | 0.46% | 0.082% |
| 70 | 18.630 | 2591 | 2594 | 2595 | rBV3 | 27299 | 22658 | 0.56% | 0.099% |
| 71 | 18.706 | 2605 | 2607 | 2611 | rVB3 | 22581 | 29359 | 0.72% | 0.129% |
| 72 | 18.900 | 2637 | 2640 | 2641 | rBV2 | 15303 | 16259 | 0.40% | 0.071% |
| 73 | 19.158 | 2680 | 2684 | 2690 | rVB4 | 34735 | 63102 | 1.55% | 0.276% |
| 74 | 19.335 | 2711 | 2714 | 2718 | rBV4 | 23830 | 29185 | 0.72% | 0.128% |
| 75 | 19.546 | 2748 | 2750 | 2755 | rVB6 | 30319 | 35291 | 0.87% | 0.155% |
| 76 | 19.699 | 2773 | 2776 | 2783 | rVB8 | 33617 | 44375 | 1.09% | 0.194% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

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-BG092723.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.899 | 2807 | 2810 | 2814 | rVB3 | 34269 | 42751 | 1.05% | 0.187% |
| 78 | 19.987 | 2820 | 2825 | 2833 | rBV | 1339517 | 1933986 | 47.49% | 8.468% |
| 79 | 20.610 | 2928 | 2931 | 2937 | rBV8 | 30491 | 49376 | 1.21% | 0.216% |
| 80 | 21.426 | 3067 | 3070 | 3073 | rVB4 | 28437 | 32738 | 0.80% | 0.143% |
| 81 | 21.638 | 3104 | 3106 | 3107 | rBV2 | 16807 | 15500 | 0.38% | 0.068% |
| 82 | 21.914 | 3147 | 3153 | 3159 | rBV | 332137 | 548561 | 13.47% | 2.402% |
| 83 | 22.789 | 3299 | 3302 | 3310 | rVB9 | 26846 | 51340 | 1.26% | 0.225% |
| 84 | 22.878 | 3312 | 3317 | 3322 | rBV8 | 25455 | 52764 | 1.30% | 0.231% |
| 85 | 23.218 | 3371 | 3375 | 3380 | rVB4 | 27301 | 46398 | 1.14% | 0.203% |
| 86 | 23.312 | 3386 | 3391 | 3397 | rVB4 | 42239 | 93305 | 2.29% | 0.409% |
| 87 | 23.406 | 3402 | 3407 | 3411 | rBV6 | 28966 | 59415 | 1.46% | 0.260% |
| 88 | 23.771 | 3466 | 3469 | 3470 | rBV3 | 17275 | 18717 | 0.46% | 0.082% |
| 89 | 24.264 | 3548 | 3553 | 3557 | rBV4 | 28283 | 49599 | 1.22% | 0.217% |
| 90 | 24.928 | 3664 | 3666 | 3670 | rBV5 | 10080 | 10763 | 0.26% | 0.047% |
| 91 | 25.157 | 3693 | 3705 | 3715 | rBV2 | 675710 | 2065707 | 50.72% | 9.045% |
| 92 | 25.287 | 3719 | 3727 | 3734 | rVV5 | 33837 | 99602 | 2.45% | 0.436% |
| 93 | 25.398 | 3736 | 3746 | 3757 | rVB2 | 217515 | 661755 | 16.25% | 2.898% |
| 94 | 26.497 | 3927 | 3933 | 3942 | rVB4 | 31574 | 83877 | 2.06% | 0.367% |
| 95 | 27.960 | 4173 | 4182 | 4183 | rBV8 | 24679 | 43002 | 1.06% | 0.188% |
| 96 | 28.730 | 4309 | 4313 | 4315 | rBV5 | 6916 | 9543 | 0.23% | 0.042% |
| 97 | 29.088 | 4371 | 4374 | 4375 | rBV3 | 8920 | 8756 | 0.22% | 0.038% |
| 98 | 29.299 | 4407 | 4410 | 4412 | rVB3 | 7261 | 8433 | 0.21% | 0.037% |
| 99 | 29.711 | 4479 | 4480 | 4482 | rBV2 | 10205 | 9238 | 0.23% | 0.040% |
| 100 | 31.879 | 4842 | 4849 | 4850 | rBV7 | 9893 | 22764 | 0.56% | 0.100% |

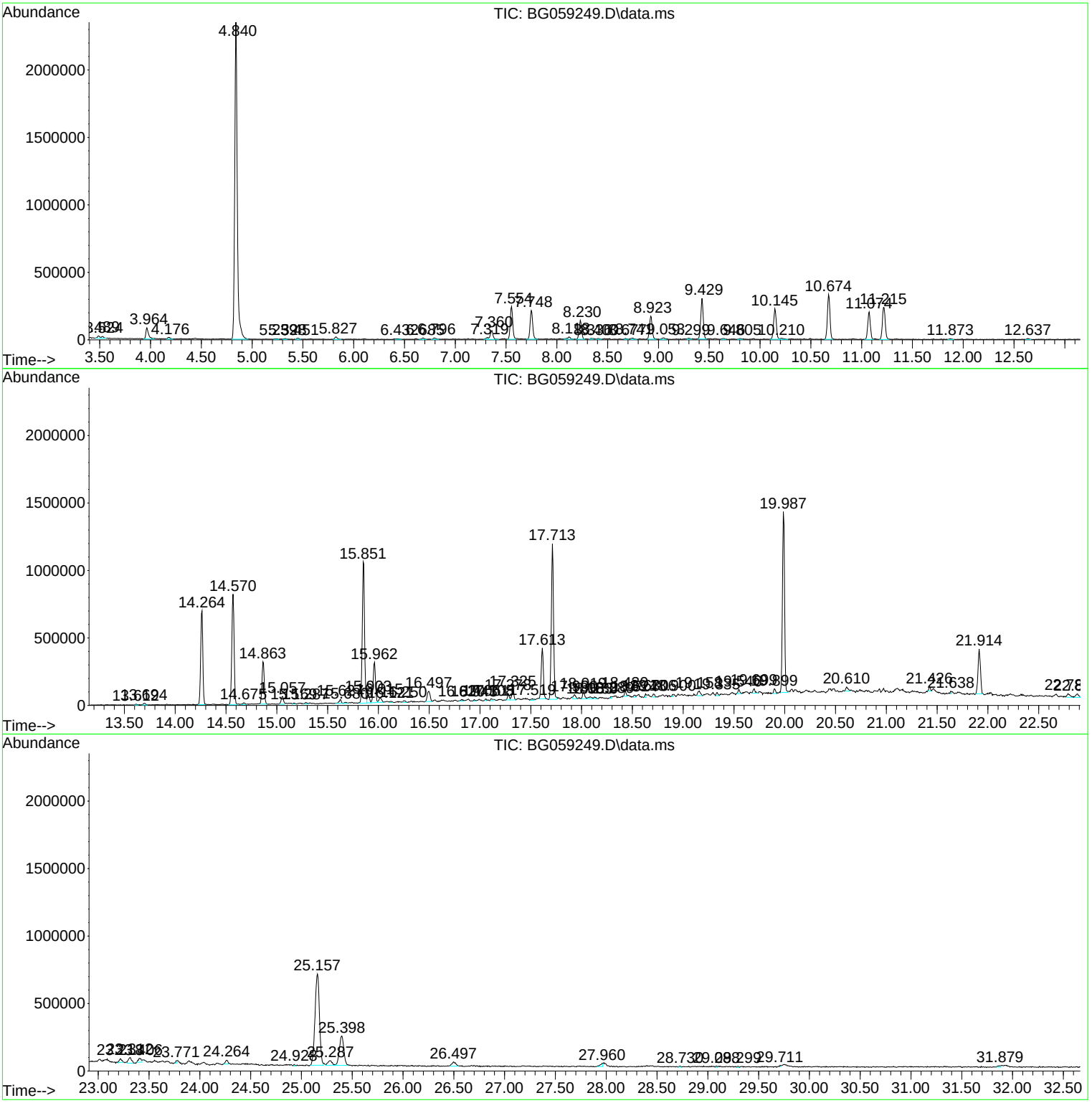
Sum of corrected areas: 22837820

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

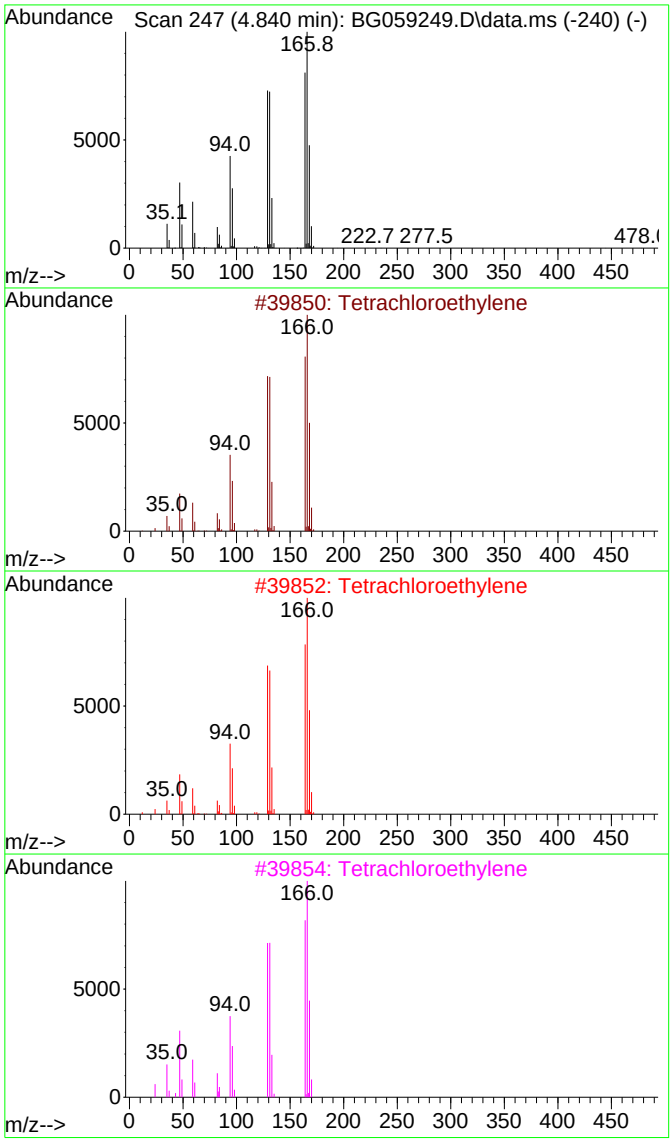
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

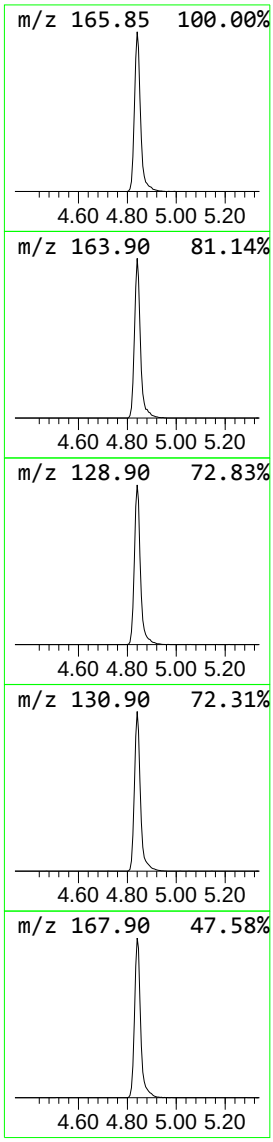
**********

Peak Number 1 Tetrachloroethylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.840 | 351.17 ng/ul | 4072530 | 1,4-Dichlorobenzene-d4 | 8.230 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 98 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 98 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 96 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 94 |
| 5 | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

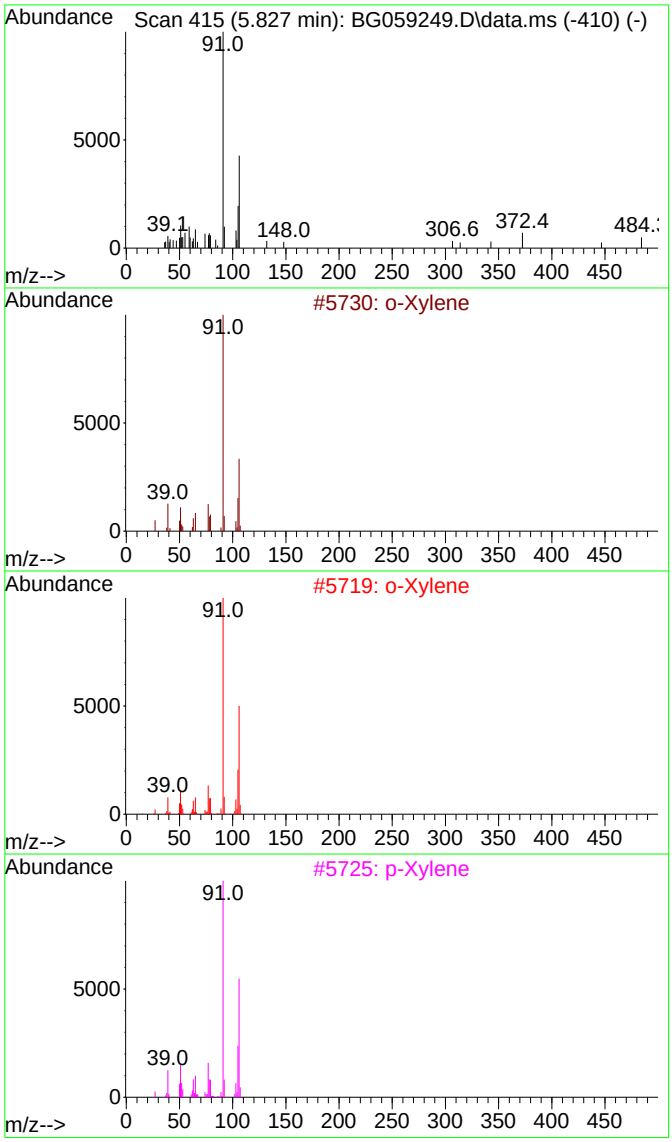
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

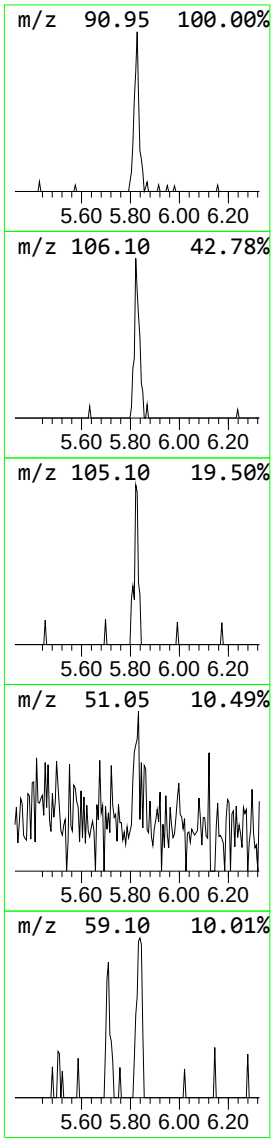
**********

Peak Number 2 o-Xylene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.827 | 2.96 ng/ul | 34325 | 1,4-Dichlorobenzene-d4 | 8.230 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 76 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 68 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 68 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 68 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

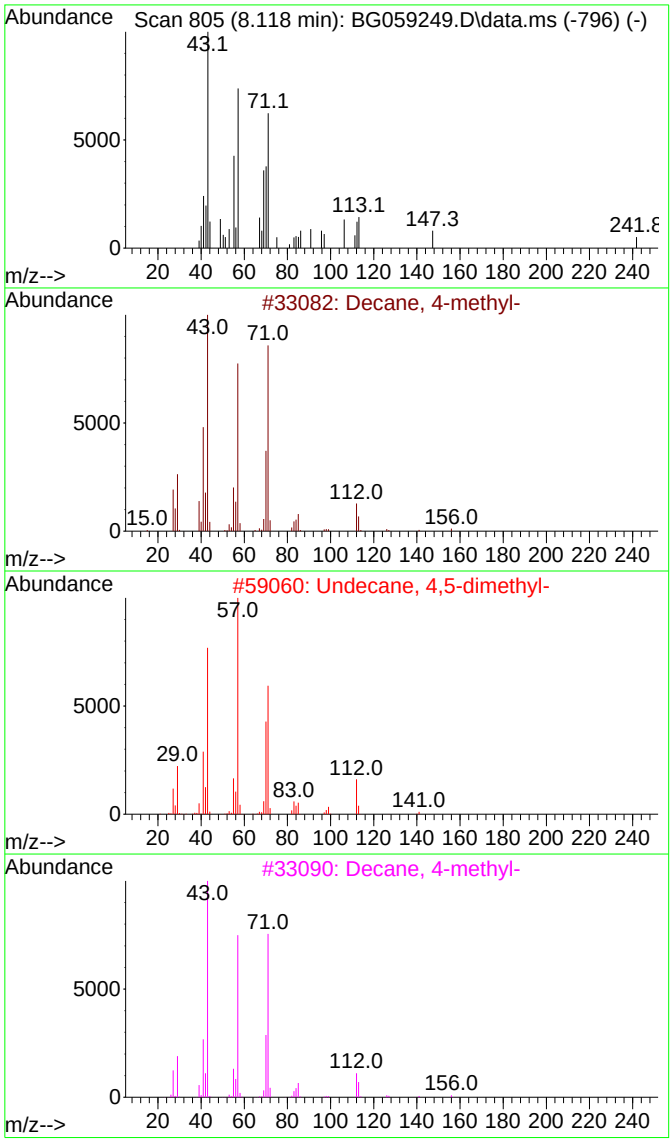
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

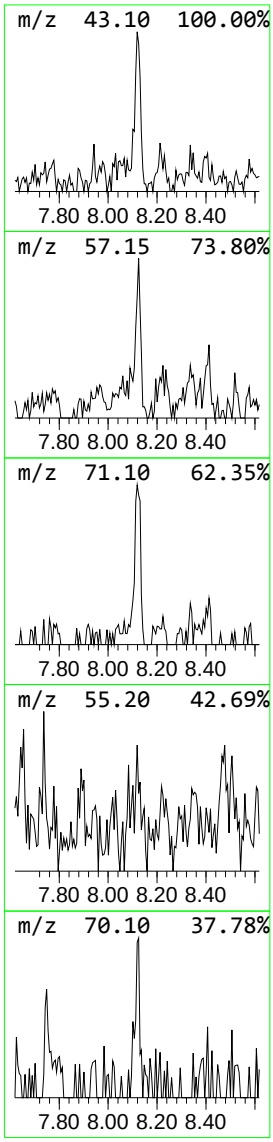
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.118 | 3.13 ng/ul | 36273 | 1,4-Dichlorobenzene-d4 | 8.230 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 53 |
| 2 | Undecane, 4,5-dimethyl- | 184 | C13H28 | 017312-79-7 | 50 |
| 3 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 50 |
| 4 | Oxalic acid, 2-ethylhexyl ethyl ... | 230 | C12H22O4 | 1000309-38-4 | 47 |
| 5 | Oxalic acid, 2-ethylhexyl pentyl... | 272 | C15H28O4 | 1000309-38-7 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

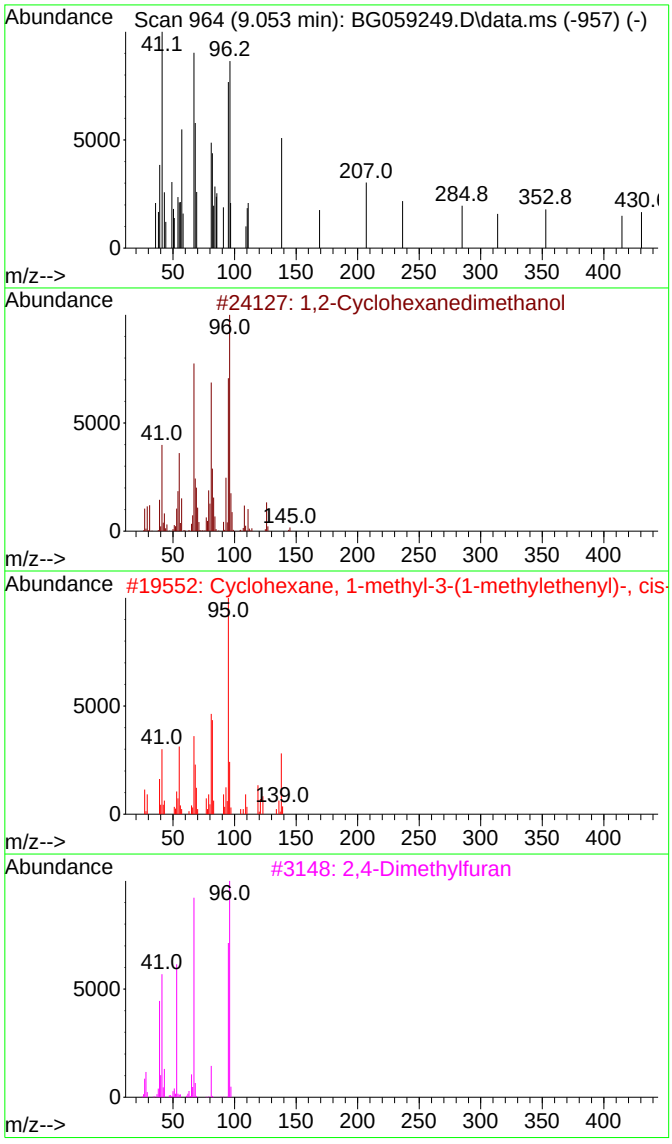
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

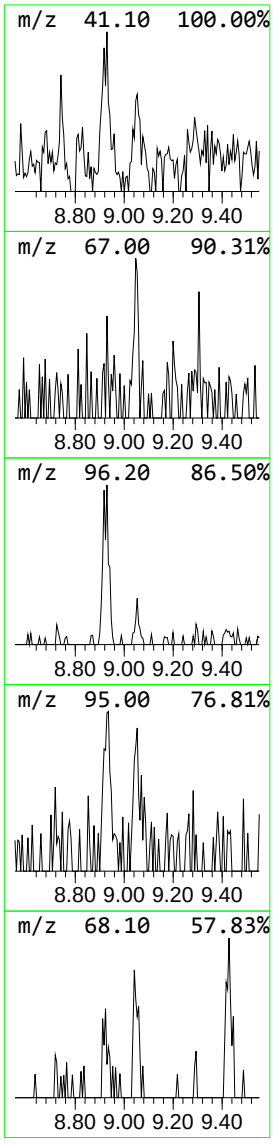
**********

Peak Number 4 unknown-01 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.053 | 2.23 ng/ul | 25825 | 1,4-Dichlorobenzene-d4 | 8.230 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Cyclohexanedimethanol | 144 | C8H16O2 | 003971-29-7 | 38 |
| 2 | Cyclohexane, 1-methyl-3-(1-methy... | 138 | C10H18 | 024399-15-3 | 38 |
| 3 | 2,4-Dimethylfuran | 96 | C6H8O | 003710-43-8 | 38 |
| 4 | 4H-Cyclopentacyclooctene, decahy... | 152 | C11H20 | 006663-95-2 | 38 |
| 5 | Chloromethyl 5-chlorononanoate | 240 | C10H18Cl2O2 | 080418-74-2 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

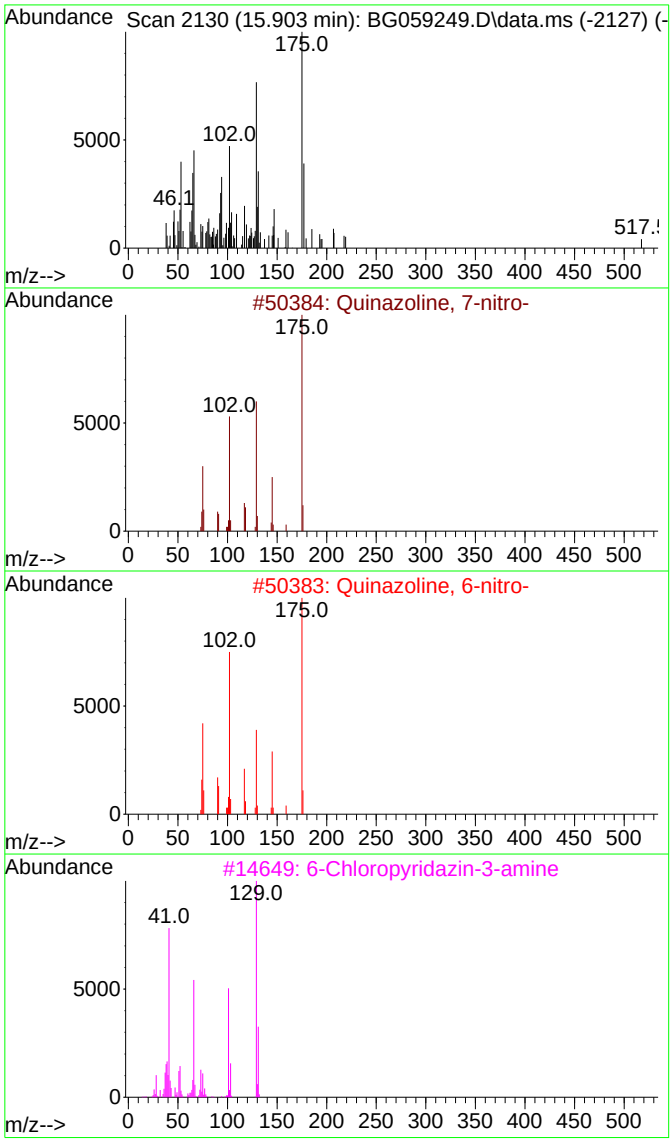
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

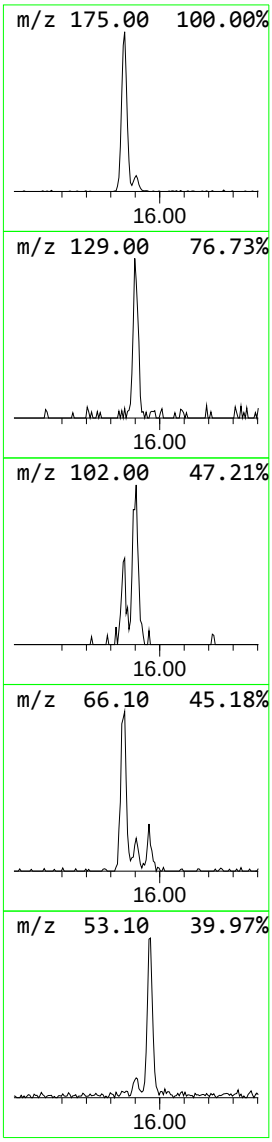
**********

Peak Number 5 unknown-02 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.903 | 3.38 ng/ul | 81756 | Acenaphthene-d10 | 14.864 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Quinazoline, 7-nitro- | 175 | C8H5N3O2 | 007557-00-8 | 42 |
| 2 | Quinazoline, 6-nitro- | 175 | C8H5N3O2 | 007556-95-8 | 32 |
| 3 | 6-Chloropyridazin-3-amine | 129 | C4H4ClN3 | 005469-69-2 | 30 |
| 4 | Methanone, (5-chloro-4-methoxy-3... | 261 | C10H12ClNO3S | 1010268-42-7 | 27 |
| 5 | 3-Chloro-4-fluoronitrobenzene | 175 | C6H3ClFNO2 | 000350-30-1 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

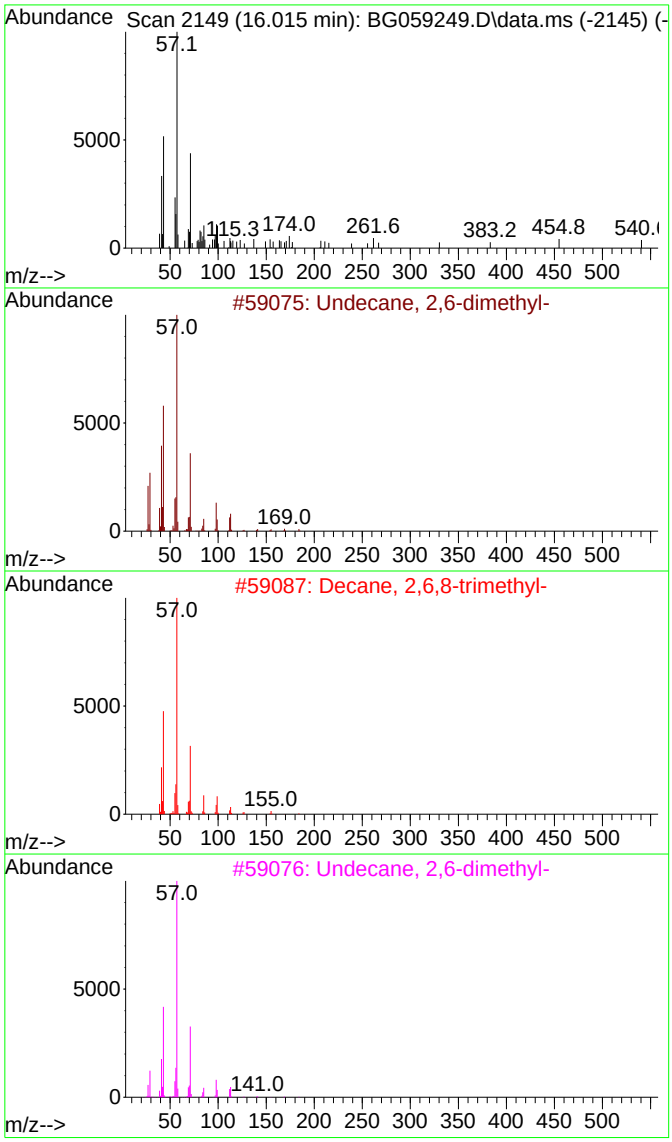
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

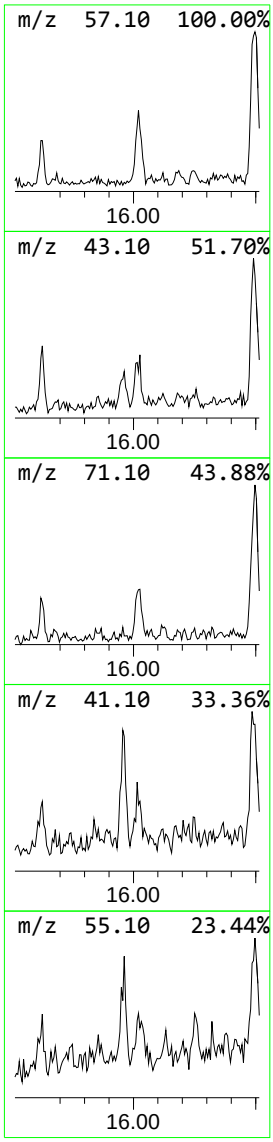
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.015 | 2.57 ng/ul | 62105 | Acenaphthene-d10 | 14.864 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 59 |
| 2 | Decane, 2,6,8-trimethyl- | 184 | C13H28 | 062108-26-3 | 59 |
| 3 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 53 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 50 |
| 5 | Sulfurous acid, 2-ethylhexyl tri... | 376 | C21H44O3S | 1000309-19-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

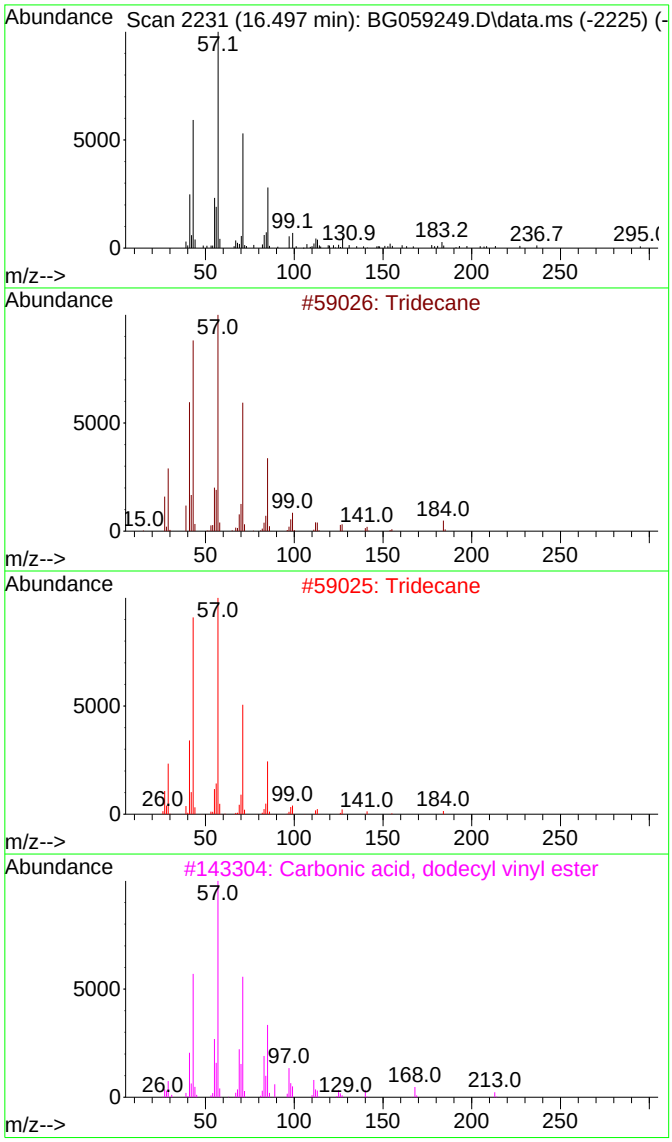
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

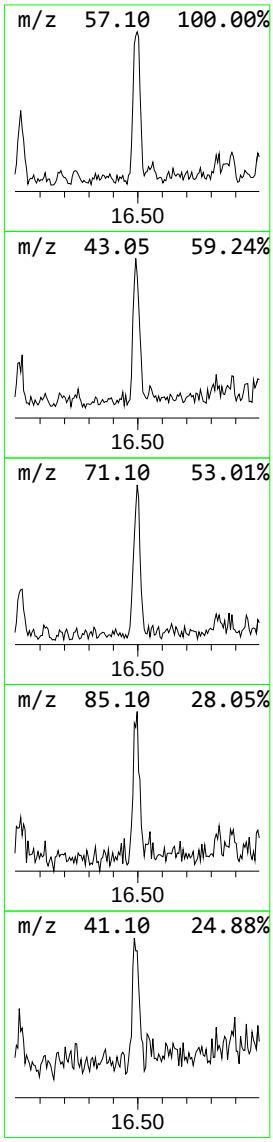
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.497 | 5.26 ng/ul | 146298 | Phenanthrene-d10 | 17.613 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 64 |
| 3 | Carbonic acid, dodecyl vinyl ester | 256 | C15H28O3 | 1000382-54-8 | 64 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 59 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

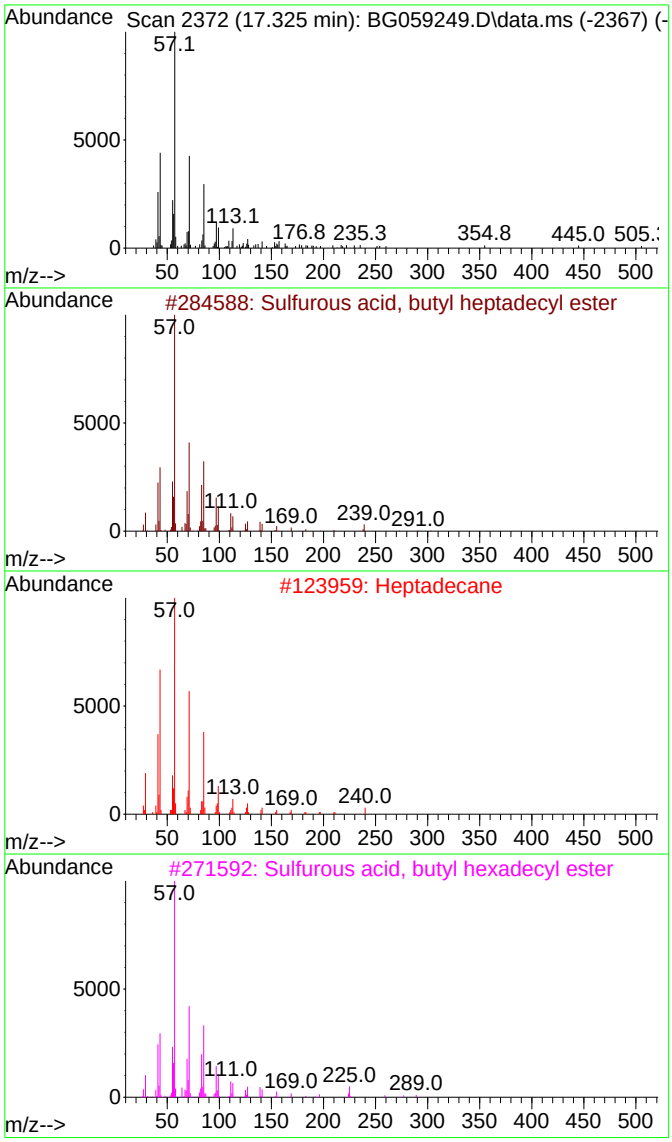
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

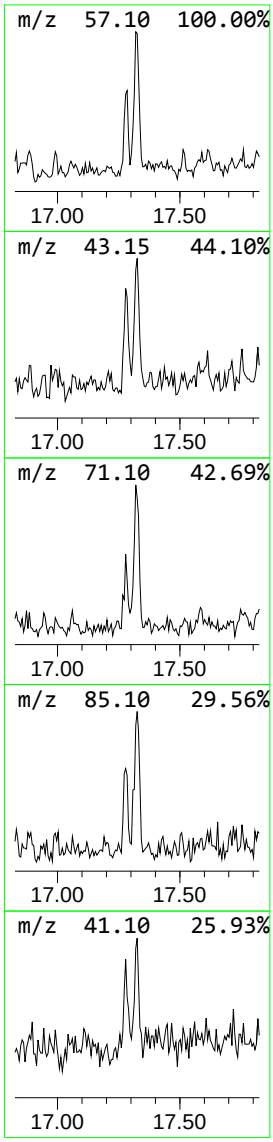
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Sulfurous acid, butyl hepta... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.325 | 4.05 ng/ul | 112522 | Phenanthrene-d10 | 17.613 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S | 1000309-18-4 | 86 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 80 |
| 3 | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S | 1000309-18-3 | 78 |
| 4 | Sulfurous acid, butyl pentadecyl... | 348 | C19H40O3S | 1000309-18-2 | 78 |
| 5 | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

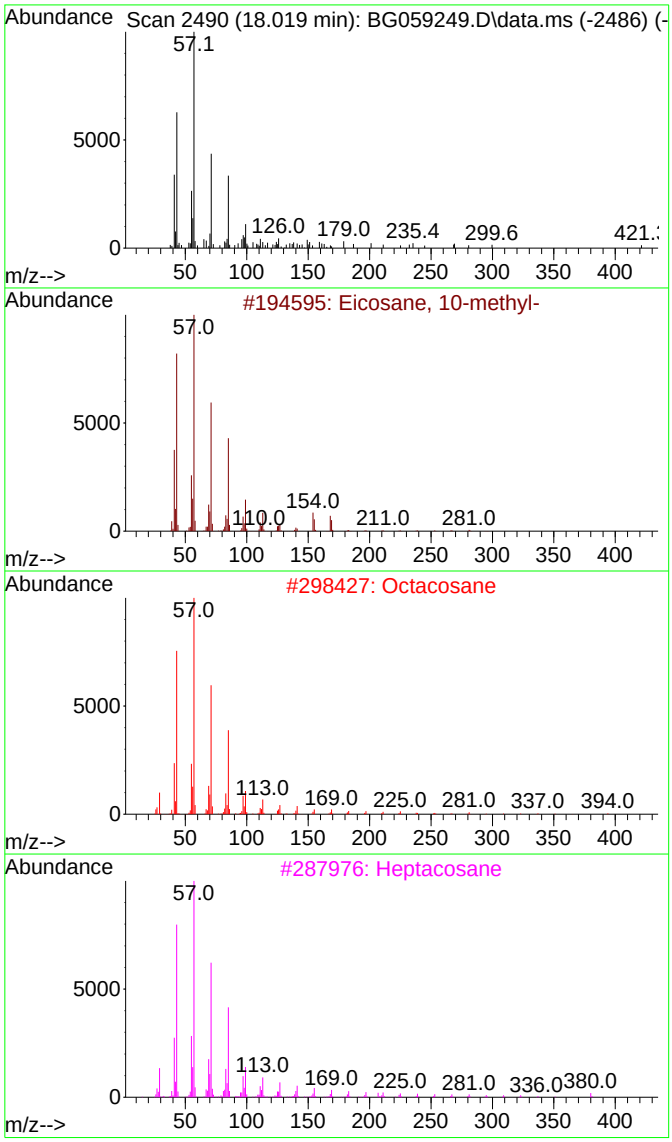
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

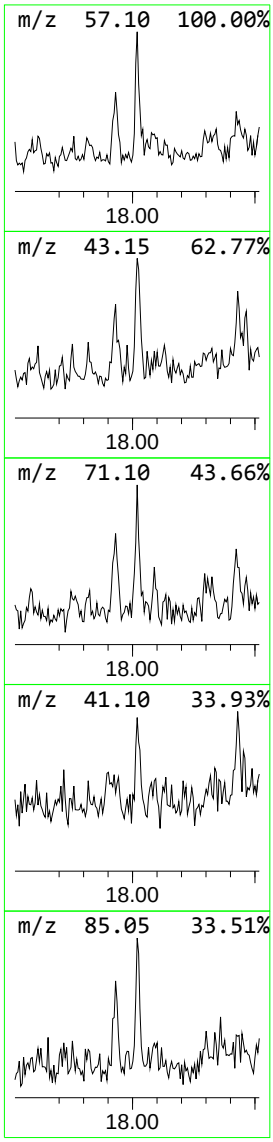
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.019 | 2.59 ng/ul | 71909 | Phenanthrene-d10 | 17.613 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 80 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 72 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 72 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 72 |
| 5 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

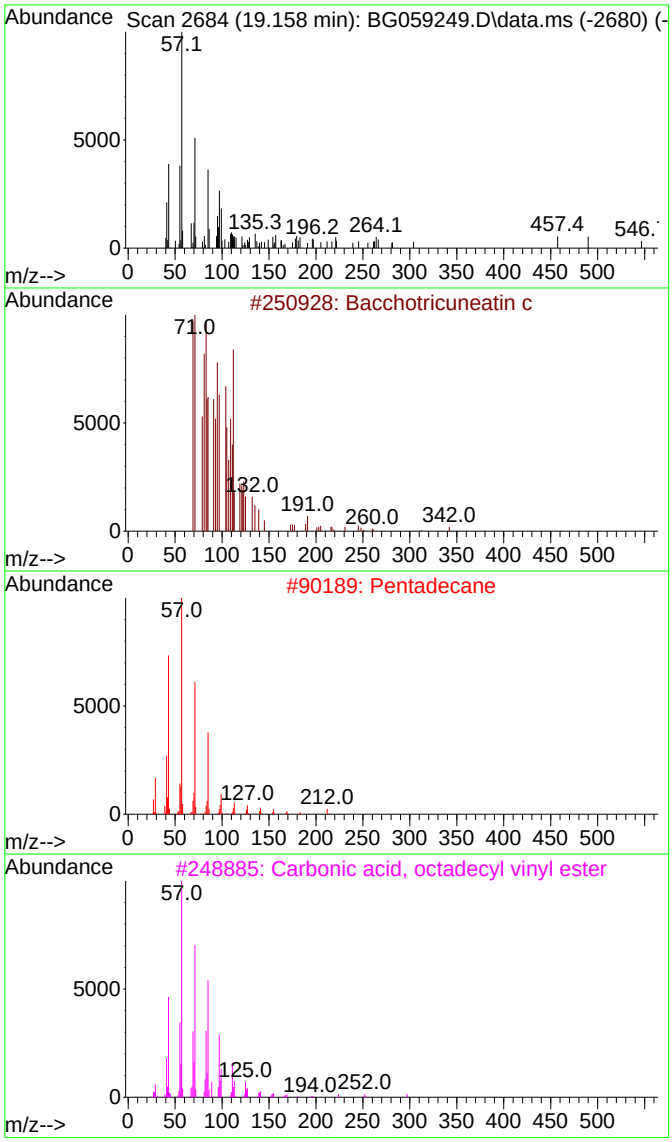
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

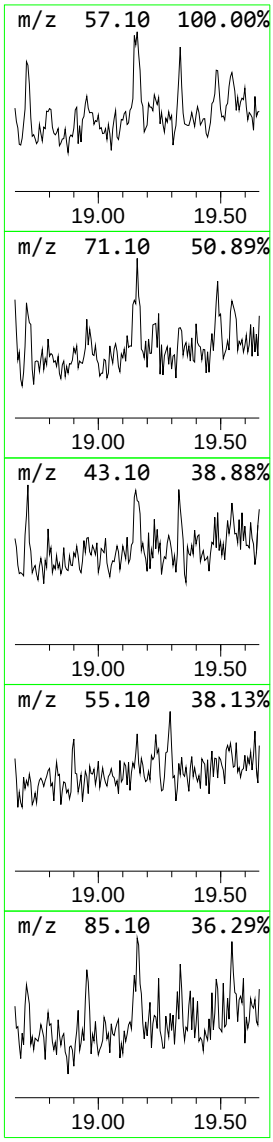
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Bacchotricuneatin c Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.158 | 2.27 ng/ul | 63102 | Phenanthrene-d10 | 17.613 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 53 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 50 |
| 3 | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 47 |
| 4 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 47 |
| 5 | 1-Bromodocosane | 388 | C22H45Br | 006938-66-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

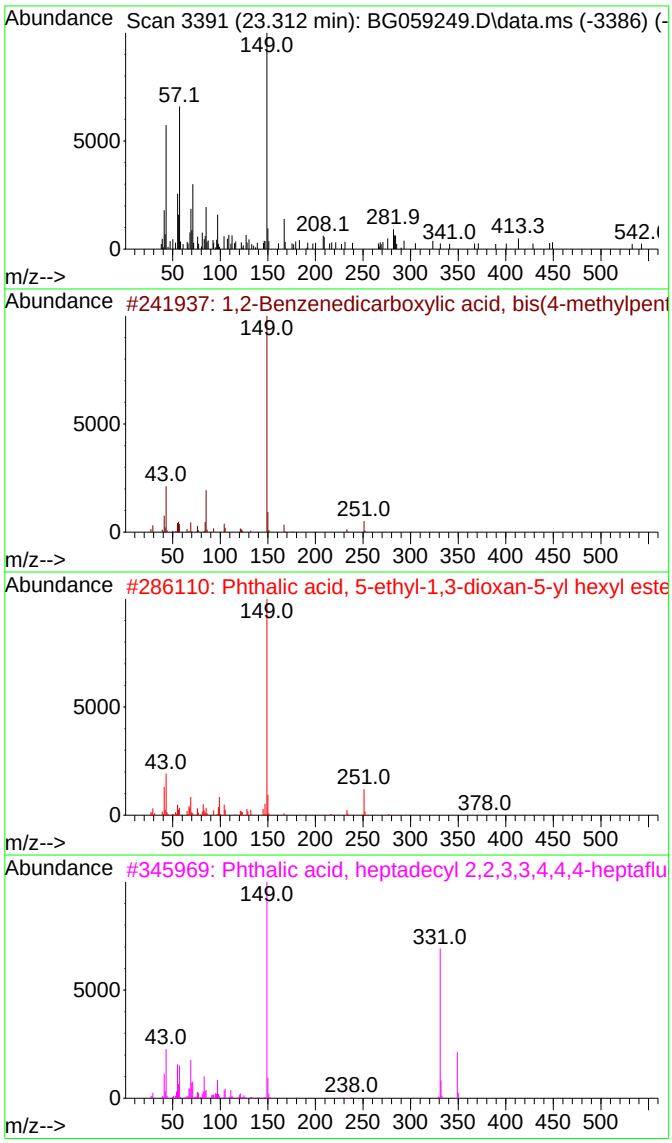
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

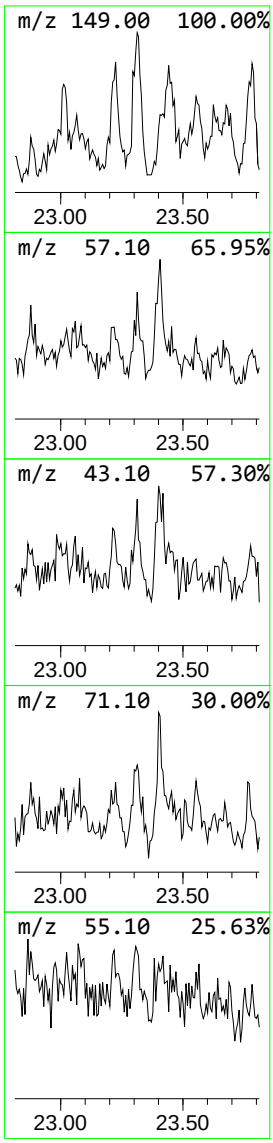
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.312 | 3.40 ng/ul | 93305 | Chrysene-d12 | 21.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, bi... | 334 | C20H30O4 | 000146-50-9 | 59 |
| 2 | Phthalic acid, 5-ethyl-1,3-dioxa... | 378 | C21H30O6 | 1000415-48-2 | 50 |
| 3 | Phthalic acid, heptadecyl 2,2,3,... | 586 | C29H41F7O4 | 1000415-55-4 | 50 |
| 4 | Benzoic acid, 4-[4-(2-carbamoylm... | 367 | C18H17N5O4 | 1000304-76-2 | 49 |
| 5 | Phthalic acid, hex-2-yn-4-yl pro... | 288 | C17H20O4 | 1000315-19-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

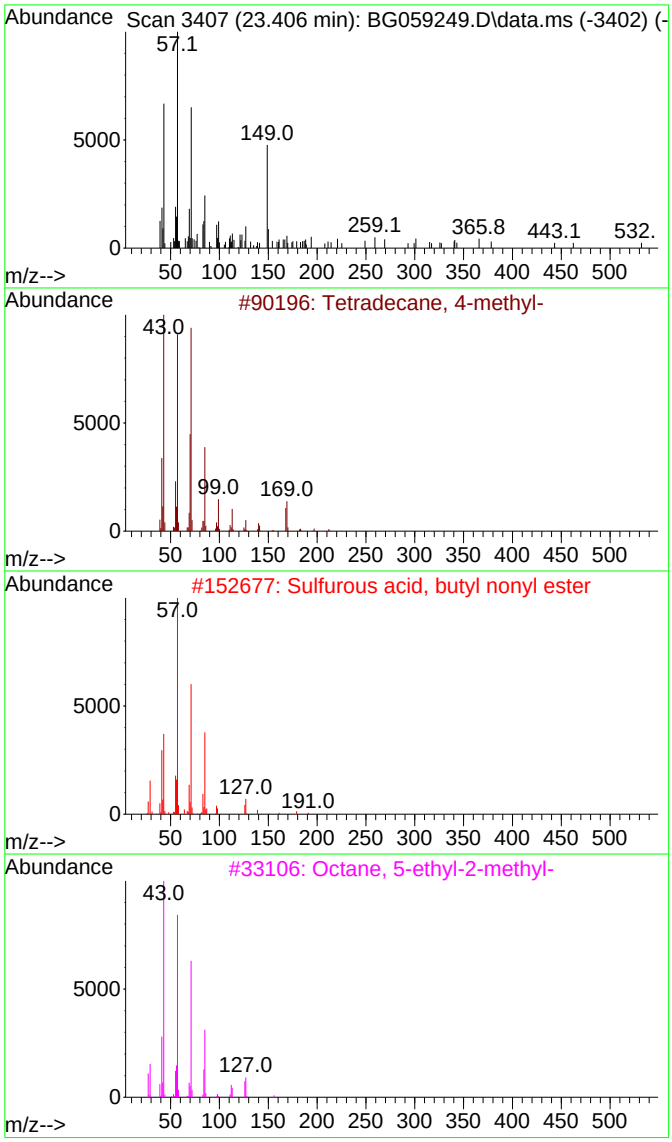
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

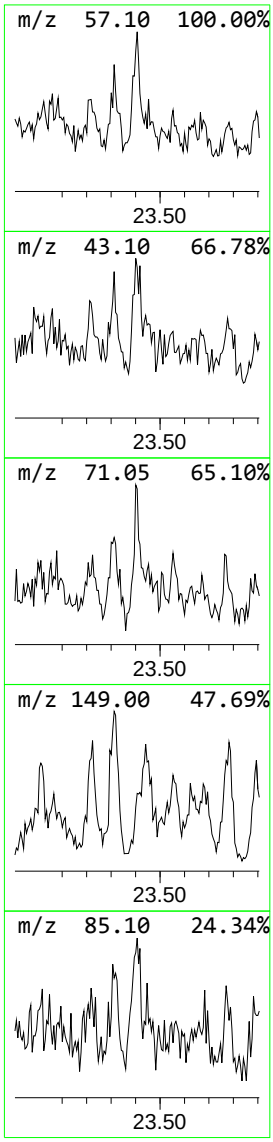
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.406 | 2.17 ng/ul | 59415 | Chrysene-d12 | 21.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 4-methyl- | 212 | C15H32 | 025117-24-2 | 35 |
| 2 | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 35 |
| 3 | Octane, 5-ethyl-2-methyl- | 156 | C11H24 | 062016-18-6 | 35 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 35 |
| 5 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

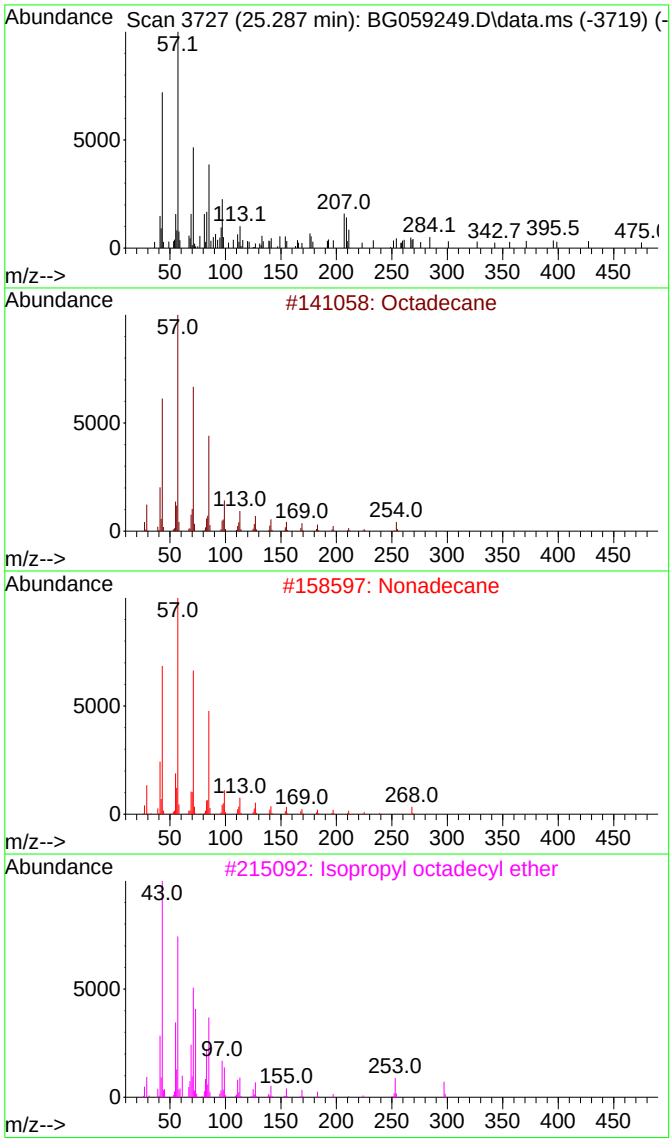
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

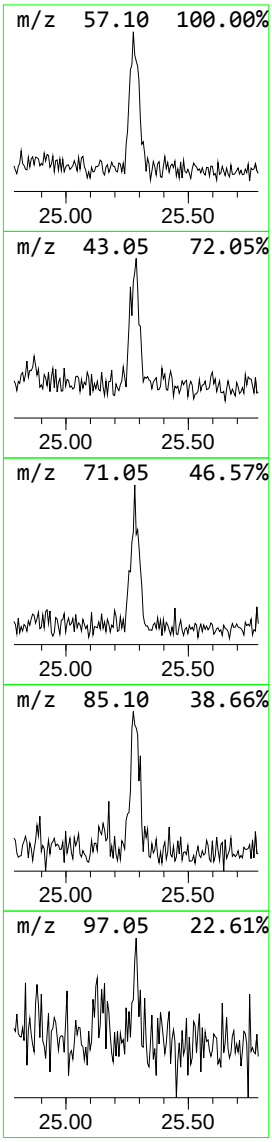
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.287 | 3.01 ng/ul | 99602 | Perylene-d12 | 25.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 60 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 58 |
| 3 | Isopropyl octadecyl ether | 312 | C21H44O | 1000406-34-2 | 53 |
| 4 | Carbonic acid, undecyl vinyl ester | 242 | C14H26O3 | 1000382-54-9 | 53 |
| 5 | Carbonic acid, dodecyl vinyl ester | 256 | C15H28O3 | 1000382-54-8 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

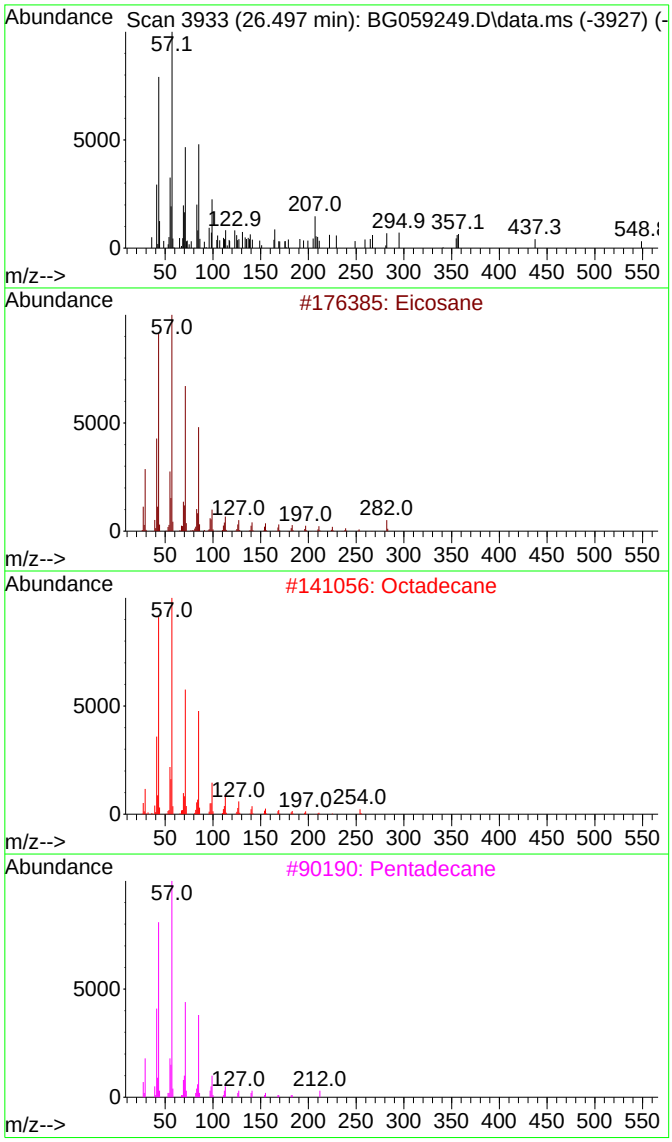
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION

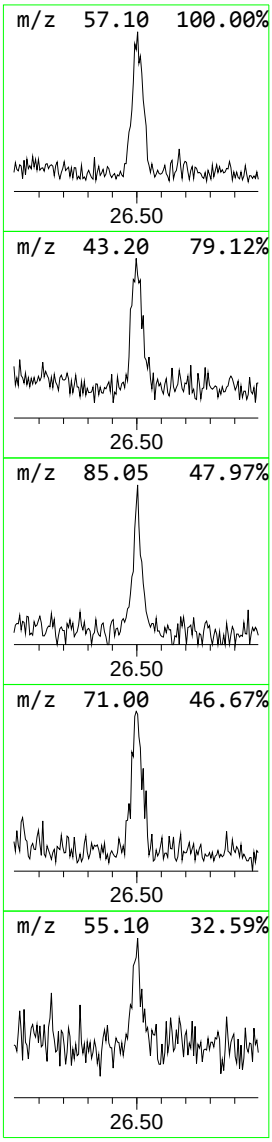
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.497 | 2.53 ng/ul | 83877 | Perylene-d12 | 25.392 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 52 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 52 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 52 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 52 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059249.D
Acq On : 29 Sep 2023 1:08
Operator : MA/JU
Sample : 04480-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BBJE7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.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 |
| Tetrachloroethy... | 4.840 | 351.2 | ng/ul | 4072530 | 1 | 8.230 | 231941 | 20.0 |
| o-Xylene | 5.827 | 3.0 | ng/ul | 34325 | 1 | 8.230 | 231941 | 20.0 |
| (DEL) Alkane: S... | 8.118 | 3.1 | ng/ul | 36273 | 1 | 8.230 | 231941 | 20.0 |
| unknown-01 | 9.053 | 2.2 | ng/ul | 25825 | 1 | 8.230 | 231941 | 20.0 |
| unknown-02 | 15.903 | 3.4 | ng/ul | 81756 | 3 | 14.864 | 483123 | 20.0 |
| (DEL) Alkane: S... | 16.015 | 2.6 | ng/ul | 62105 | 3 | 14.864 | 483123 | 20.0 |
| (DEL) Alkane: S... | 16.497 | 5.3 | ng/ul | 146298 | 4 | 17.613 | 556191 | 20.0 |
| Sulfurous acid,... | 17.325 | 4.0 | ng/ul | 112522 | 4 | 17.613 | 556191 | 20.0 |
| (DEL) Alkane: S... | 18.019 | 2.6 | ng/ul | 71909 | 4 | 17.613 | 556191 | 20.0 |
| Bacchotricuneat... | 19.158 | 2.3 | ng/ul | 63102 | 4 | 17.613 | 556191 | 20.0 |
| 1,2-Benzenedica... | 23.312 | 3.4 | ng/ul | 93305 | 5 | 21.914 | 548561 | 20.0 |
| (DEL) Alkane: S... | 23.406 | 2.2 | ng/ul | 59415 | 5 | 21.914 | 548561 | 20.0 |
| (DEL) Alkane: S... | 25.287 | 3.0 | ng/ul | 99602 | 6 | 25.392 | 661755 | 20.0 |
| (DEL) Alkane: S... | 26.497 | 2.5 | ng/ul | 83877 | 6 | 25.392 | 661755 | 20.0 |