LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A46G2

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: BG058214.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.157 | 6 | 12 | 41 | rVB | 2091361 | 4278453 | 100.00% | 22.842% |
| 2 | 3.345 | 42 | 44 | 49 | rVB3 | 7728 | 10544 | 0.25% | 0.056% |
| 3 | 3.762 | 111 | 115 | 127 | rVV2 | 11592 | 21624 | 0.51% | 0.115% |
| 4 | 3.868 | 129 | 133 | 140 | rVB3 | 10554 | 15759 | 0.37% | 0.084% |
| 5 | 3.997 | 150 | 155 | 162 | rVB3 | 9013 | 15112 | 0.35% | 0.081% |
| 6 | 4.091 | 167 | 171 | 176 | rBV2 | 5641 | 8588 | 0.20% | 0.046% |
| 7 | 4.344 | 210 | 214 | 223 | rVB4 | 11604 | 19998 | 0.47% | 0.107% |
| 8 | 4.620 | 257 | 261 | 274 | rVB5 | 13431 | 24717 | 0.58% | 0.132% |
| 9 | 4.996 | 321 | 325 | 333 | rVB2 | 5316 | 8474 | 0.20% | 0.045% |
| 10 | 5.542 | 412 | 418 | 420 | rBV2 | 10190 | 14719 | 0.34% | 0.079% |
| 11 | 5.801 | 452 | 462 | 466 | rBV3 | 59471 | 133187 | 3.11% | 0.711% |
| 12 | 5.842 | 466 | 469 | 475 | rVV | 22269 | 35580 | 0.83% | 0.190% |
| 13 | 5.913 | 478 | 481 | 485 | rVV3 | 5882 | 7945 | 0.19% | 0.042% |
| 14 | 6.177 | 521 | 526 | 535 | rVB | 22585 | 37978 | 0.89% | 0.203% |
| 15 | 6.524 | 578 | 585 | 597 | rVB | 143342 | 250930 | 5.86% | 1.340% |
| 16 | 7.070 | 667 | 678 | 691 | rBV | 97632 | 187510 | 4.38% | 1.001% |
| 17 | 7.229 | 698 | 705 | 714 | rBV | 79384 | 136585 | 3.19% | 0.729% |
| 18 | 7.434 | 733 | 740 | 749 | rBV3 | 95449 | 189056 | 4.42% | 1.009% |
| 19 | 7.517 | 749 | 754 | 762 | rVB7 | 6175 | 15533 | 0.36% | 0.083% |
| 20 | 7.616 | 765 | 771 | 775 | rBV3 | 4714 | 7793 | 0.18% | 0.042% |
| 21 | 7.904 | 813 | 820 | 827 | rBV | 178479 | 308914 | 7.22% | 1.649% |
| 22 | 7.975 | 827 | 832 | 836 | rVV2 | 11137 | 17224 | 0.40% | 0.092% |
| 23 | 8.069 | 843 | 848 | 855 | rVB3 | 19020 | 36509 | 0.85% | 0.195% |
| 24 | 8.151 | 857 | 862 | 867 | rBV2 | 30453 | 52770 | 1.23% | 0.282% |
| 25 | 8.216 | 867 | 873 | 881 | rVB | 392778 | 692291 | 16.18% | 3.696% |
| 26 | 8.609 | 932 | 940 | 945 | rVV | 41881 | 84602 | 1.98% | 0.452% |
| 27 | 8.662 | 945 | 949 | 954 | rVV4 | 13308 | 24563 | 0.57% | 0.131% |
| 28 | 8.727 | 954 | 960 | 970 | rVB3 | 31064 | 60738 | 1.42% | 0.324% |
| 29 | 8.897 | 983 | 989 | 998 | rVB3 | 18407 | 36320 | 0.85% | 0.194% |
| 30 | 9.062 | 1010 | 1017 | 1026 | rBV | 95506 | 179164 | 4.19% | 0.957% |
| 31 | 9.150 | 1028 | 1032 | 1036 | rVV6 | 3919 | 8401 | 0.20% | 0.045% |
| 32 | 9.197 | 1036 | 1040 | 1048 | rVB5 | 10215 | 19784 | 0.46% | 0.106% |
| 33 | 9.784 | 1133 | 1140 | 1151 | rVB2 | 81695 | 152256 | 3.56% | 0.813% |
| 34 | 9.902 | 1154 | 1160 | 1165 | rBV4 | 3831 | 7705 | 0.18% | 0.041% |
| 35 | 9.955 | 1165 | 1169 | 1177 | rBV6 | 3672 | 9791 | 0.23% | 0.052% |
| 36 | 10.143 | 1196 | 1201 | 1209 | rVB4 | 3258 | 7426 | 0.17% | 0.040% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

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 | 10.325 | 1222 | 1232 | 1244 | rBV2 | 113562 | 259349 | 6.06% | 1.385% |
| 38 | 10.707 | 1284 | 1297 | 1305 | rBV | 278112 | 525001 | 12.27% | 2.803% |
| 39 | 10.842 | 1314 | 1320 | 1328 | rBV2 | 33796 | 63816 | 1.49% | 0.341% |
| 40 | 11.247 | 1383 | 1389 | 1397 | rVB6 | 3886 | 9179 | 0.21% | 0.049% |
| 41 | 11.518 | 1428 | 1435 | 1439 | rBV6 | 3905 | 8947 | 0.21% | 0.048% |
| 42 | 12.652 | 1624 | 1628 | 1633 | rVB4 | 6872 | 11273 | 0.26% | 0.060% |
| 43 | 12.752 | 1641 | 1645 | 1649 | rBV4 | 4625 | 9030 | 0.21% | 0.048% |
| 44 | 13.351 | 1743 | 1747 | 1754 | rBV3 | 6491 | 11008 | 0.26% | 0.059% |
| 45 | 13.421 | 1754 | 1759 | 1766 | rBV3 | 8592 | 14574 | 0.34% | 0.078% |
| 46 | 13.938 | 1841 | 1847 | 1855 | rBV | 263119 | 387857 | 9.07% | 2.071% |
| 47 | 14.179 | 1881 | 1888 | 1891 | rBV3 | 15528 | 27992 | 0.65% | 0.149% |
| 48 | 14.232 | 1891 | 1897 | 1908 | rVB | 298923 | 476932 | 11.15% | 2.546% |
| 49 | 14.538 | 1943 | 1949 | 1958 | rVB | 482032 | 760828 | 17.78% | 4.062% |
| 50 | 14.661 | 1965 | 1970 | 1977 | rVB | 31529 | 47775 | 1.12% | 0.255% |
| 51 | 14.743 | 1978 | 1984 | 1997 | rBV2 | 70912 | 151927 | 3.55% | 0.811% |
| 52 | 14.884 | 2004 | 2008 | 2013 | rVV7 | 10951 | 15581 | 0.36% | 0.083% |
| 53 | 15.325 | 2078 | 2083 | 2087 | rBV3 | 4750 | 8064 | 0.19% | 0.043% |
| 54 | 15.472 | 2104 | 2108 | 2111 | rVB | 8906 | 11310 | 0.26% | 0.060% |
| 55 | 15.531 | 2111 | 2118 | 2124 | rBV | 410476 | 624725 | 14.60% | 3.335% |
| 56 | 15.648 | 2133 | 2138 | 2150 | rVB | 99401 | 156202 | 3.65% | 0.834% |
| 57 | 15.789 | 2156 | 2162 | 2167 | rVB | 115493 | 168048 | 3.93% | 0.897% |
| 58 | 15.895 | 2173 | 2180 | 2186 | rBV | 40388 | 61856 | 1.45% | 0.330% |
| 59 | 16.071 | 2206 | 2210 | 2217 | rBV7 | 6999 | 16016 | 0.37% | 0.086% |
| 60 | 16.230 | 2233 | 2237 | 2239 | rVV3 | 10107 | 13433 | 0.31% | 0.072% |
| 61 | 16.265 | 2239 | 2243 | 2247 | rVB5 | 6559 | 9764 | 0.23% | 0.052% |
| 62 | 16.394 | 2259 | 2265 | 2271 | rBV | 49542 | 72892 | 1.70% | 0.389% |
| 63 | 16.459 | 2272 | 2276 | 2279 | rVV4 | 5358 | 7926 | 0.19% | 0.042% |
| 64 | 16.512 | 2279 | 2285 | 2290 | rVB | 117151 | 164764 | 3.85% | 0.880% |
| 65 | 16.812 | 2331 | 2336 | 2343 | rBV5 | 32512 | 55157 | 1.29% | 0.294% |
| 66 | 16.970 | 2359 | 2363 | 2369 | rVV3 | 23269 | 36244 | 0.85% | 0.194% |
| 67 | 17.082 | 2375 | 2382 | 2390 | rVB10 | 7309 | 17671 | 0.41% | 0.094% |
| 68 | 17.158 | 2390 | 2395 | 2398 | rBV2 | 64549 | 95483 | 2.23% | 0.510% |
| 69 | 17.193 | 2398 | 2401 | 2408 | rVB | 57171 | 77660 | 1.82% | 0.415% |
| 70 | 17.287 | 2408 | 2417 | 2427 | rBV | 595460 | 1038981 | 24.28% | 5.547% |
| 71 | 17.381 | 2427 | 2433 | 2441 | rVV | 381322 | 589131 | 13.77% | 3.145% |
| 72 | 17.458 | 2441 | 2446 | 2451 | rVB2 | 49845 | 76029 | 1.78% | 0.406% |
| 73 | 17.728 | 2488 | 2492 | 2496 | rBV | 45814 | 70506 | 1.65% | 0.376% |
| 74 | 17.763 | 2496 | 2498 | 2506 | rVB5 | 28420 | 34928 | 0.82% | 0.186% |
| 75 | 17.869 | 2511 | 2516 | 2525 | rVB | 74435 | 152881 | 3.57% | 0.816% |
| 76 | 17.945 | 2525 | 2529 | 2533 | rBV3 | 16626 | 21701 | 0.51% | 0.116% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A46G2

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 | 17.998 | 2533 | 2538 | 2543 | rVB5 | 24759 | 35399 | 0.83% | 0.189% |
| 78 | 18.169 | 2562 | 2567 | 2577 | rBV4 | 61196 | 125057 | 2.92% | 0.668% |
| 79 | 18.351 | 2593 | 2598 | 2603 | rBV3 | 52706 | 78165 | 1.83% | 0.417% |
| 80 | 18.410 | 2604 | 2608 | 2612 | rVB2 | 41062 | 59000 | 1.38% | 0.315% |
| 81 | 18.457 | 2612 | 2616 | 2621 | rVB3 | 25148 | 33553 | 0.78% | 0.179% |
| 82 | 18.633 | 2642 | 2646 | 2650 | rBV | 30498 | 48023 | 1.12% | 0.256% |
| 83 | 18.745 | 2662 | 2665 | 2668 | rBV4 | 12572 | 17779 | 0.42% | 0.095% |
| 84 | 18.809 | 2673 | 2676 | 2681 | rVB6 | 17942 | 23334 | 0.55% | 0.125% |
| 85 | 18.974 | 2700 | 2704 | 2708 | rVB4 | 15924 | 22515 | 0.53% | 0.120% |
| 86 | 19.115 | 2726 | 2728 | 2733 | rVB6 | 15578 | 19100 | 0.45% | 0.102% |
| 87 | 19.191 | 2739 | 2741 | 2747 | rBV7 | 13973 | 28224 | 0.66% | 0.151% |
| 88 | 19.338 | 2762 | 2766 | 2771 | rVB | 42931 | 61766 | 1.44% | 0.330% |
| 89 | 19.444 | 2781 | 2784 | 2786 | rBV3 | 11958 | 17673 | 0.41% | 0.094% |
| 90 | 19.673 | 2817 | 2823 | 2832 | rBV | 556328 | 879705 | 20.56% | 4.697% |
| 91 | 21.189 | 3077 | 3081 | 3086 | rBV3 | 38259 | 58619 | 1.37% | 0.313% |
| 92 | 21.418 | 3117 | 3120 | 3125 | rVB | 60508 | 76991 | 1.80% | 0.411% |
| 93 | 21.535 | 3134 | 3140 | 3156 | rVB2 | 603211 | 1097637 | 25.65% | 5.860% |
| 94 | 22.305 | 3268 | 3271 | 3277 | rVB3 | 35874 | 63463 | 1.48% | 0.339% |
| 95 | 22.963 | 3378 | 3383 | 3394 | rVB4 | 103884 | 232555 | 5.44% | 1.242% |
| 96 | 23.756 | 3514 | 3518 | 3530 | rVB3 | 46788 | 106490 | 2.49% | 0.569% |
| 97 | 24.461 | 3630 | 3638 | 3649 | rVB2 | 244998 | 643124 | 15.03% | 3.434% |
| 98 | 24.679 | 3666 | 3675 | 3687 | rVB | 423606 | 1192169 | 27.86% | 6.365% |
| 99 | 25.778 | 3855 | 3862 | 3871 | rVB4 | 47629 | 136771 | 3.20% | 0.730% |
| 100 | 28.668 | 4345 | 4354 | 4372 | rVB6 | 41925 | 192302 | 4.49% | 1.027% |

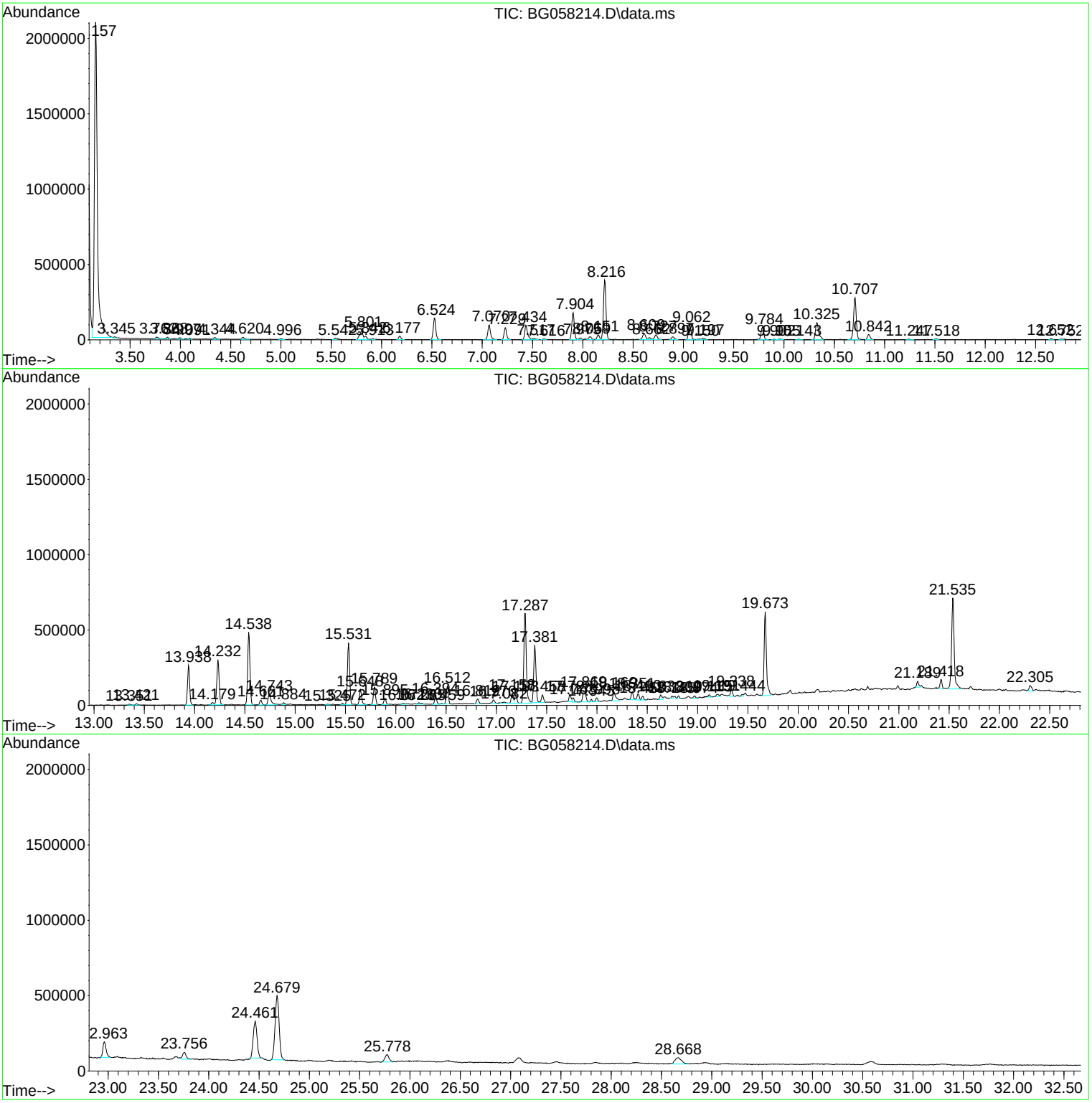
Sum of corrected areas: 18730398

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

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\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

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

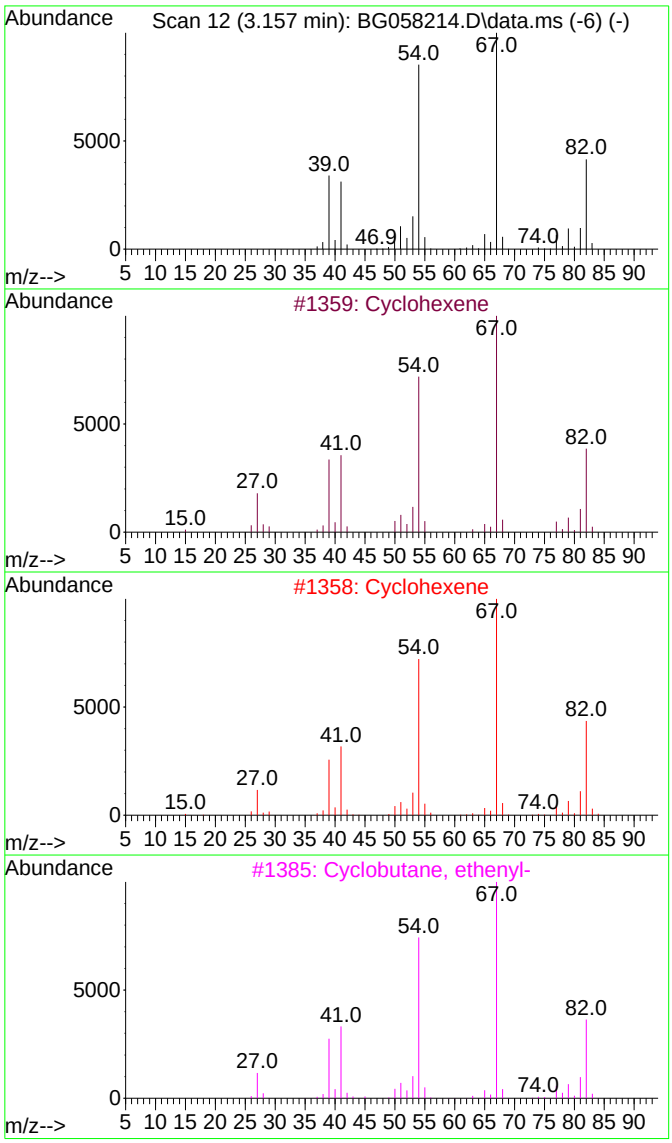
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

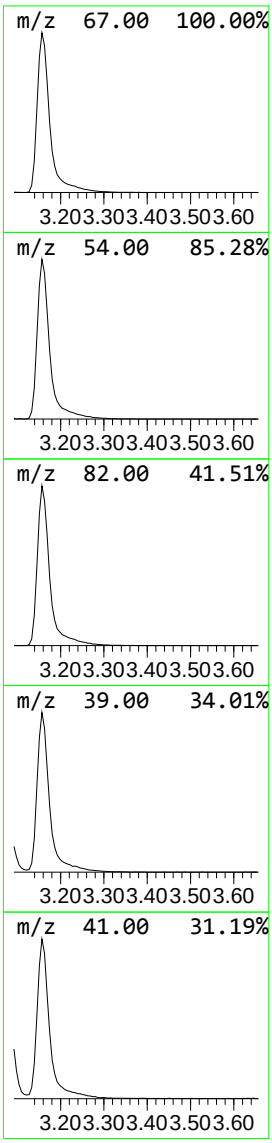
**********

Peak Number 1 Cyclohexene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.157 | 277.00 ng/ul | 4278450 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 95 |
| 2 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 91 |
| 3 | Cyclobutane, ethenyl- | 82 | C6H10 | 002597-49-1 | 91 |
| 4 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 91 |
| 5 | Ethylidenecyclobutane | 82 | C6H10 | 001528-21-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

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

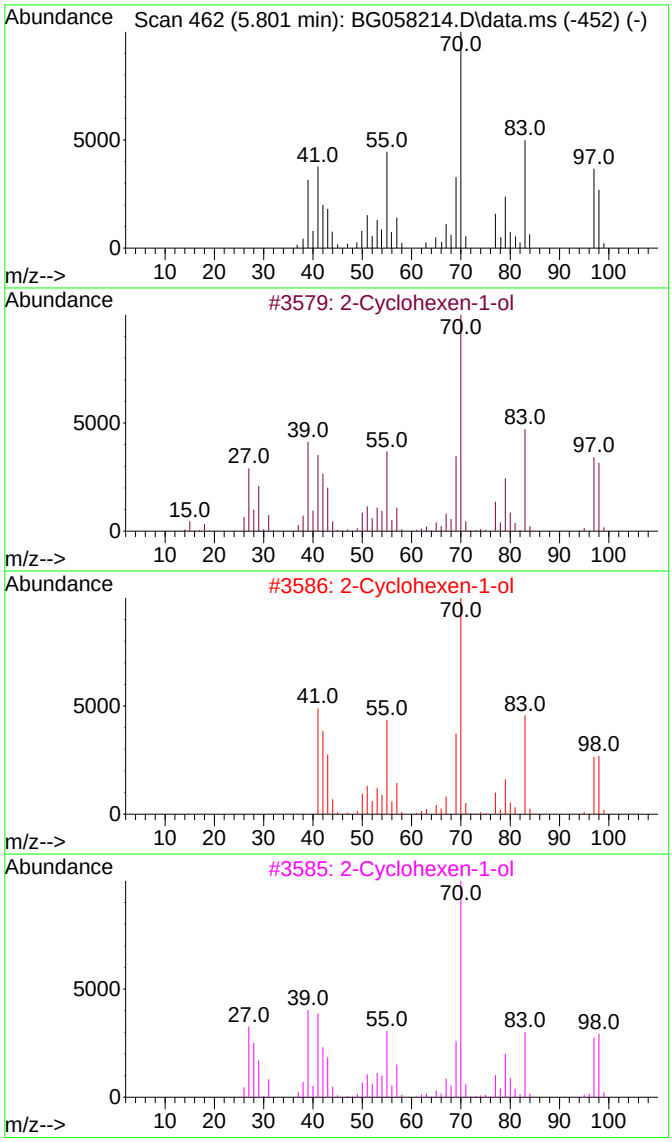
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

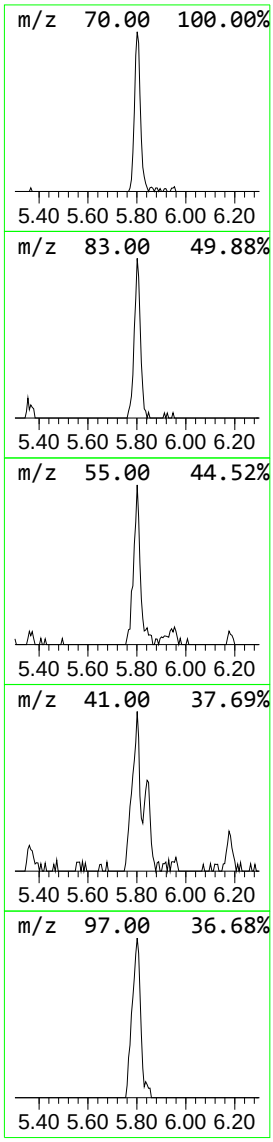
**********

Peak Number 2 2-Cyclohexen-1-ol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.801 | 8.62 ng/ul | 133187 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 96 |
| 2 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 90 |
| 3 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 76 |
| 4 | 2-Methylene cyclopentanol | 98 | C6H10O | 020461-31-8 | 58 |
| 5 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

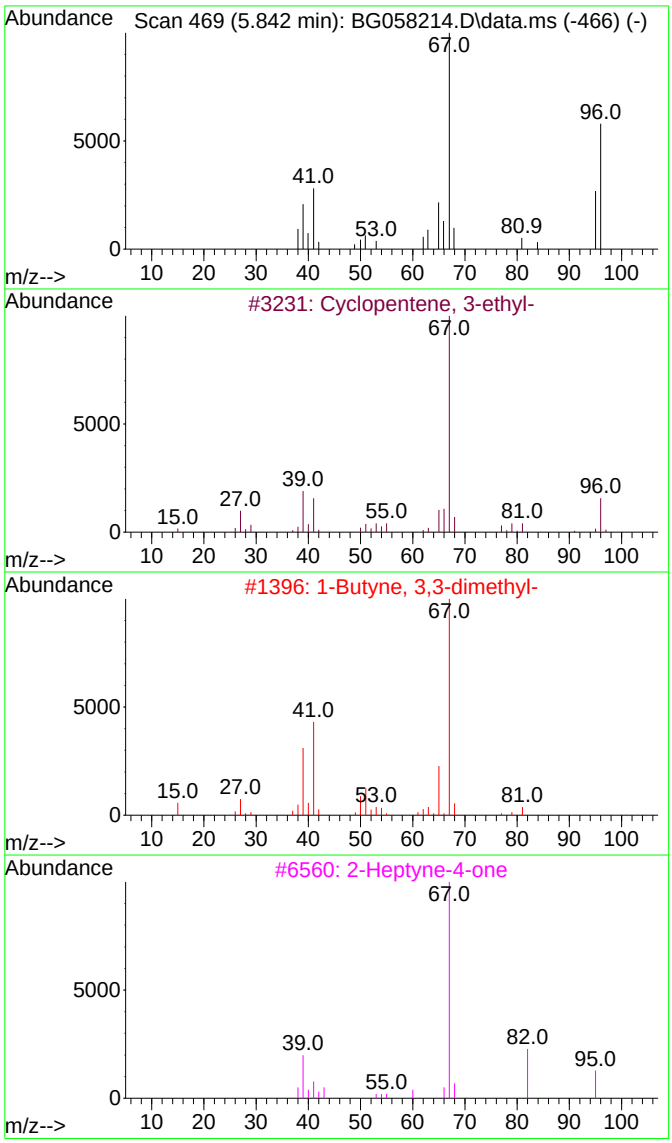
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

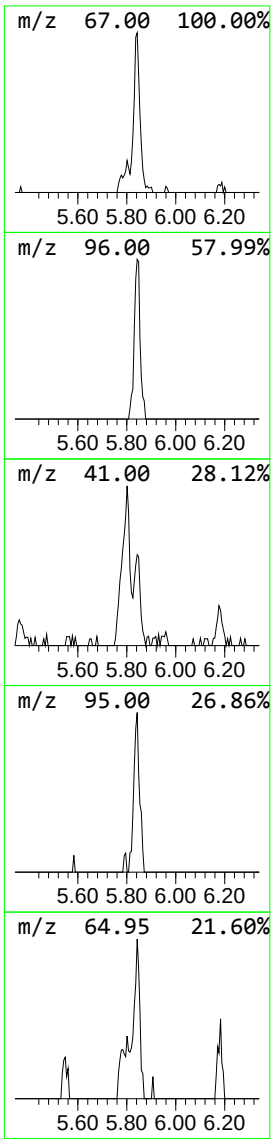
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 unknown-01 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.842 | 2.30 ng/ul | 35580 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 3-ethyl- | 96 | C7H12 | 000694-35-9 | 45 |
| 2 | 1-Butyne, 3,3-dimethyl- | 82 | C6H10 | 000917-92-0 | 28 |
| 3 | 2-Heptyne-4-one | 110 | C7H10O | 071932-98-4 | 25 |
| 4 | 5-Chloro-1-pentyne | 102 | C5H7Cl | 014267-92-6 | 17 |
| 5 | 4-Methyl-2H-pyran | 96 | C6H8O | 1000432-32-7 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

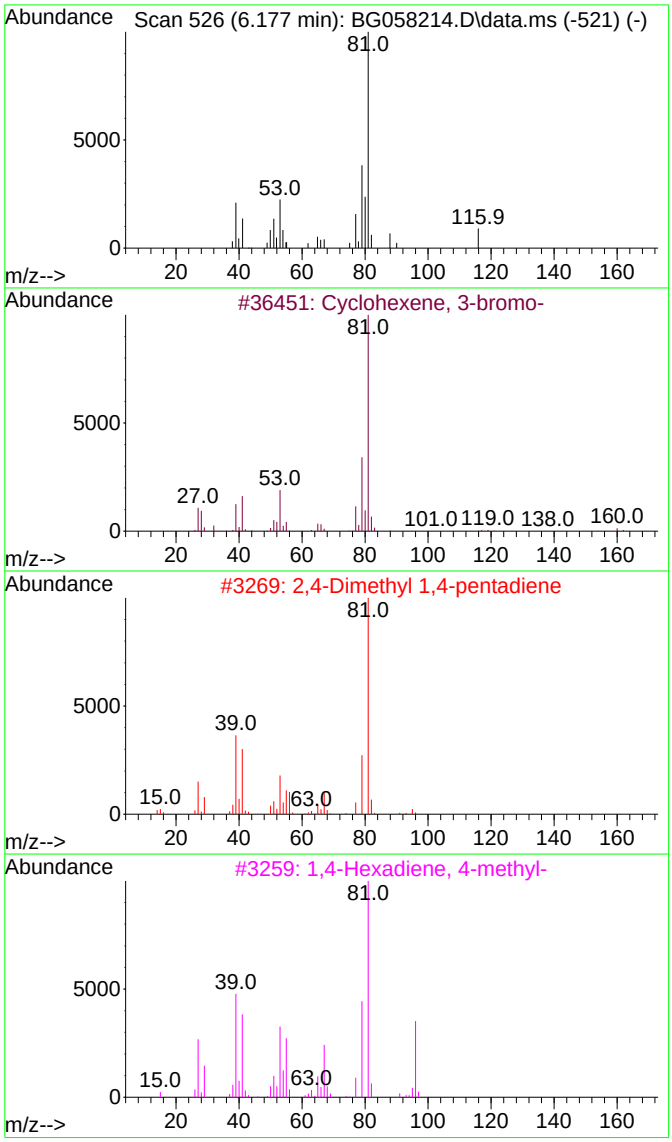
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

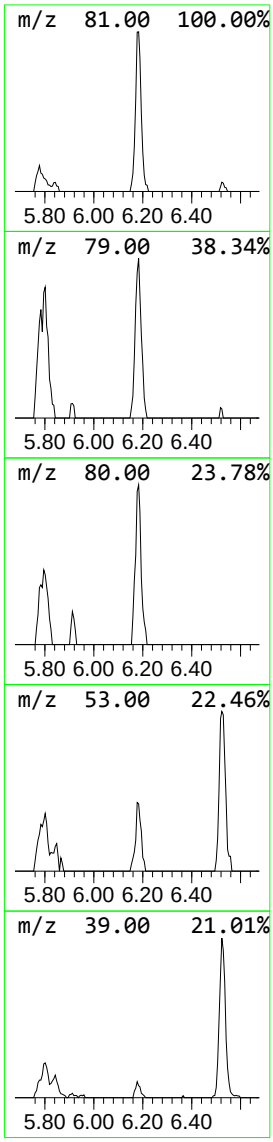
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Cyclohexene, 3-bromo- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.177 | 2.46 ng/ul | 37978 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 3-bromo- | 160 | C6H9Br | 001521-51-3 | 64 |
| 2 | 2,4-Dimethyl 1,4-pentadiene | 96 | C7H12 | 004161-65-3 | 59 |
| 3 | 1,4-Hexadiene, 4-methyl- | 96 | C7H12 | 001116-90-1 | 50 |
| 4 | Bicyclo[2.1.0]pentane, 1,4-dimet... | 96 | C7H12 | 017065-18-8 | 50 |
| 5 | Cyclopropane, 1-chloro-2-ethenyl... | 116 | C6H9Cl | 062337-93-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

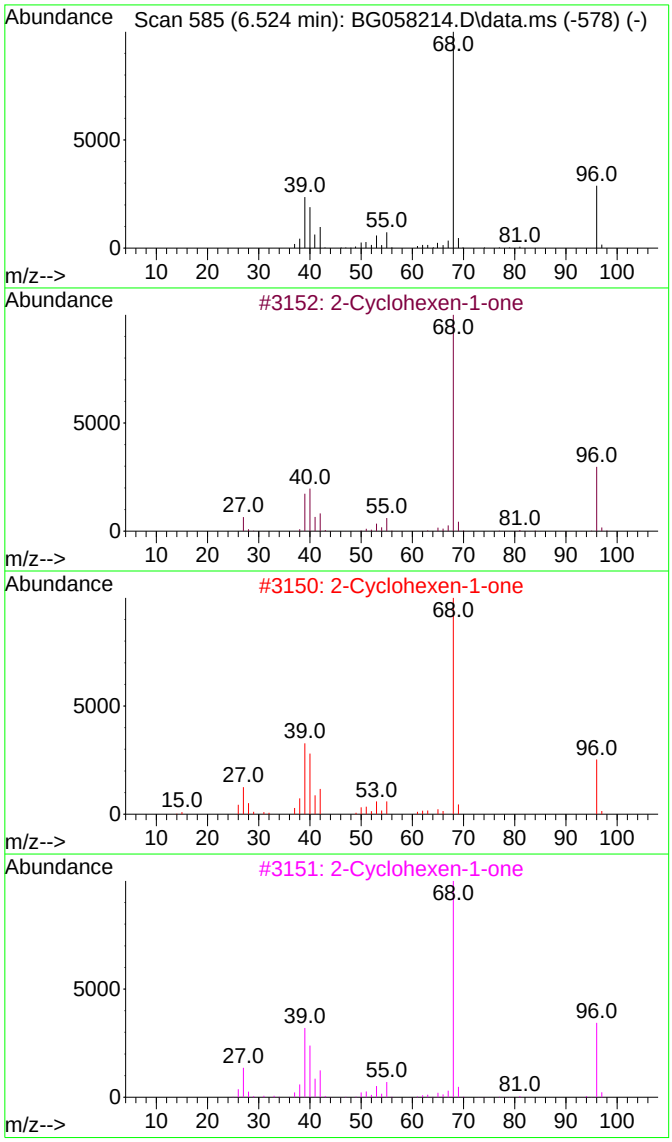
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

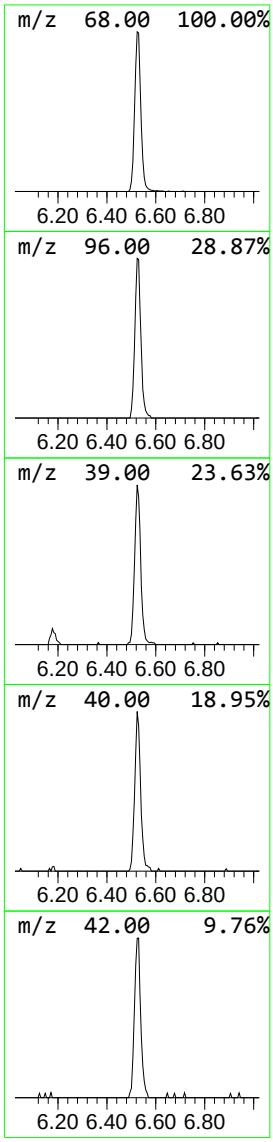
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 2-Cyclohexen-1-one Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.524 | 16.25 ng/ul | 250930 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 2 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 3 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 4 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 5 | 3-Butyn-2-amine, 2-methyl- | 83 | C5H9N | 002978-58-7 | 33 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

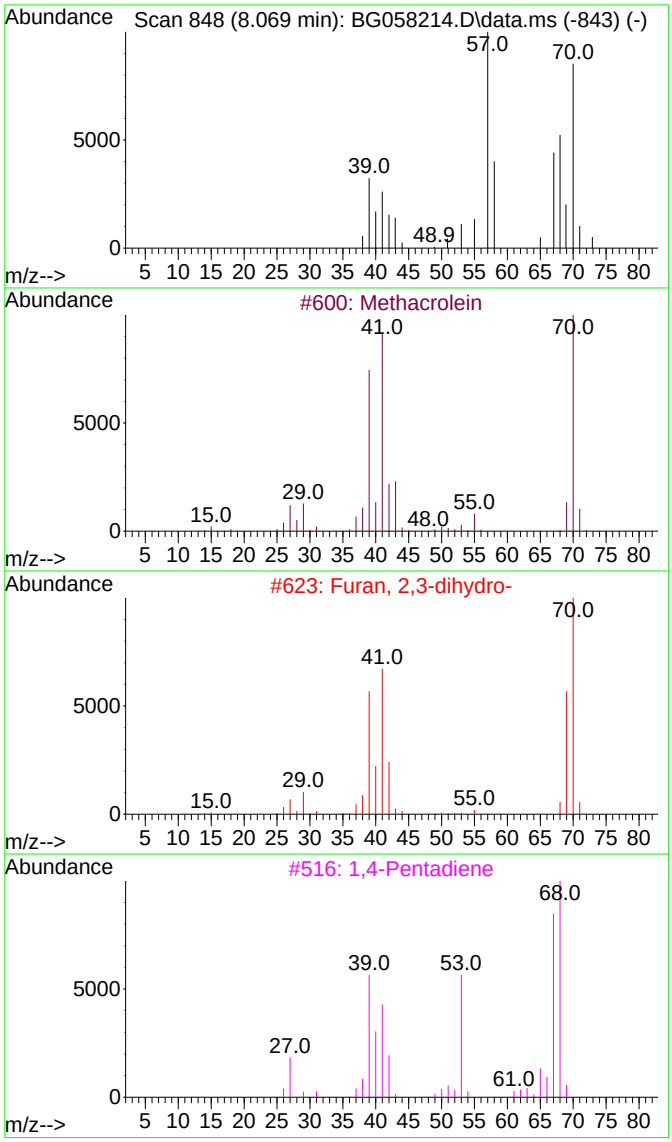
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

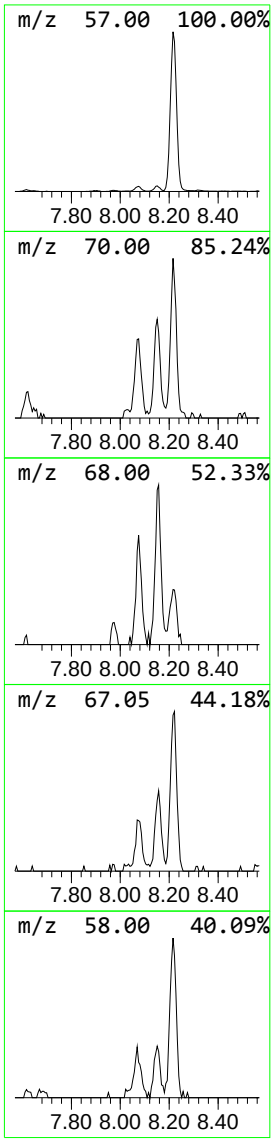
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 unknown-02 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.069 | 2.36 ng/ul | 36509 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrolein | 70 | C4H6O | 000078-85-3 | 27 |
| 2 | Furan, 2,3-dihydro- | 70 | C4H6O | 001191-99-7 | 22 |
| 3 | 1,4-Pentadiene | 68 | C5H8 | 000591-93-5 | 12 |
| 4 | Pent-4-en-1-yl propyl carbonate | 172 | C9H16O3 | 1000372-91-0 | 10 |
| 5 | 1,2-Butadiene, 3-methyl- | 68 | C5H8 | 000598-25-4 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

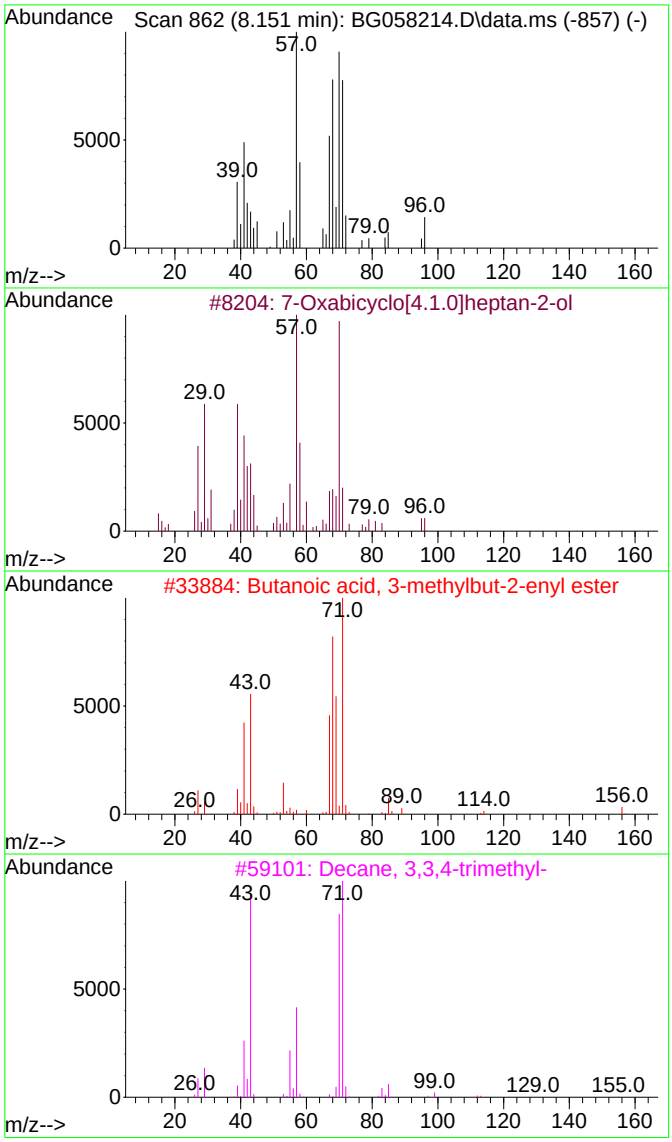
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

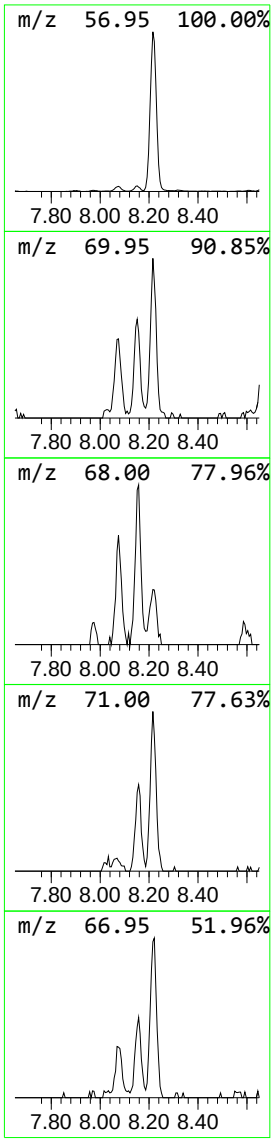
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 unknown-03 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.151 | 3.42 ng/ul | 52770 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Oxabicyclo[4.1.0]heptan-2-ol | 114 | C6H10O2 | 001192-78-5 | 38 |
| 2 | Butanoic acid, 3-methylbut-2-eny... | 156 | C9H16O2 | 1000299-11-8 | 32 |
| 3 | Decane, 3,3,4-trimethyl- | 184 | C13H28 | 049622-18-6 | 17 |
| 4 | 1,4-Pentadiene | 68 | C5H8 | 000591-93-5 | 14 |
| 5 | 4-Penten-1-ol, propanoate | 142 | C8H14O2 | 030563-30-5 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

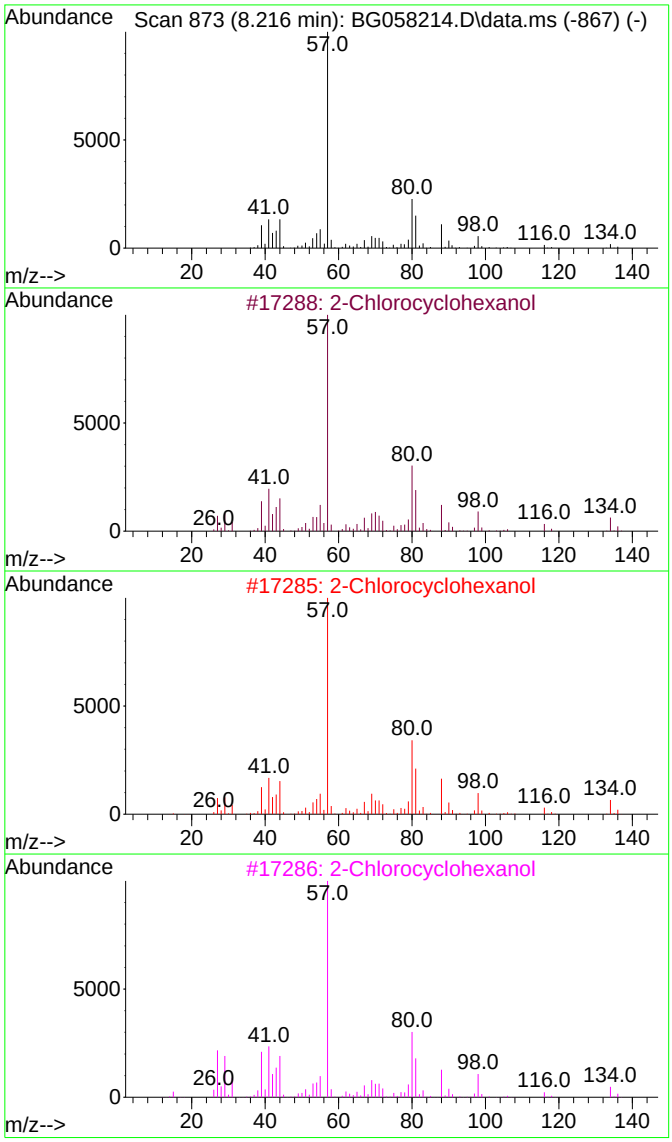
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

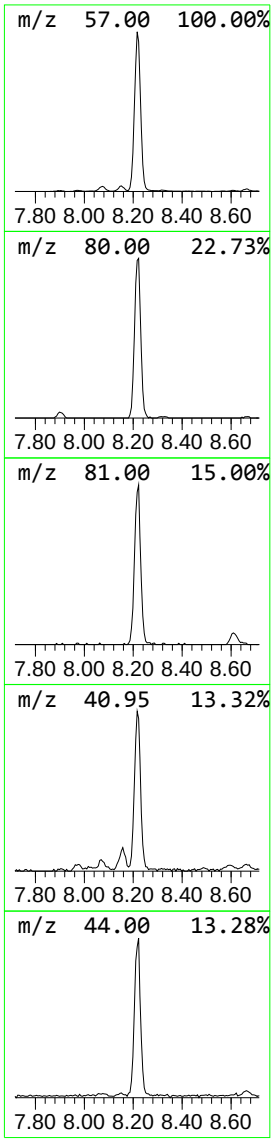
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 2-Chlorocyclohexanol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.216 | 44.82 ng/ul | 692291 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 91 |
| 2 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 87 |
| 3 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 52 |
| 4 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 52 |
| 5 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

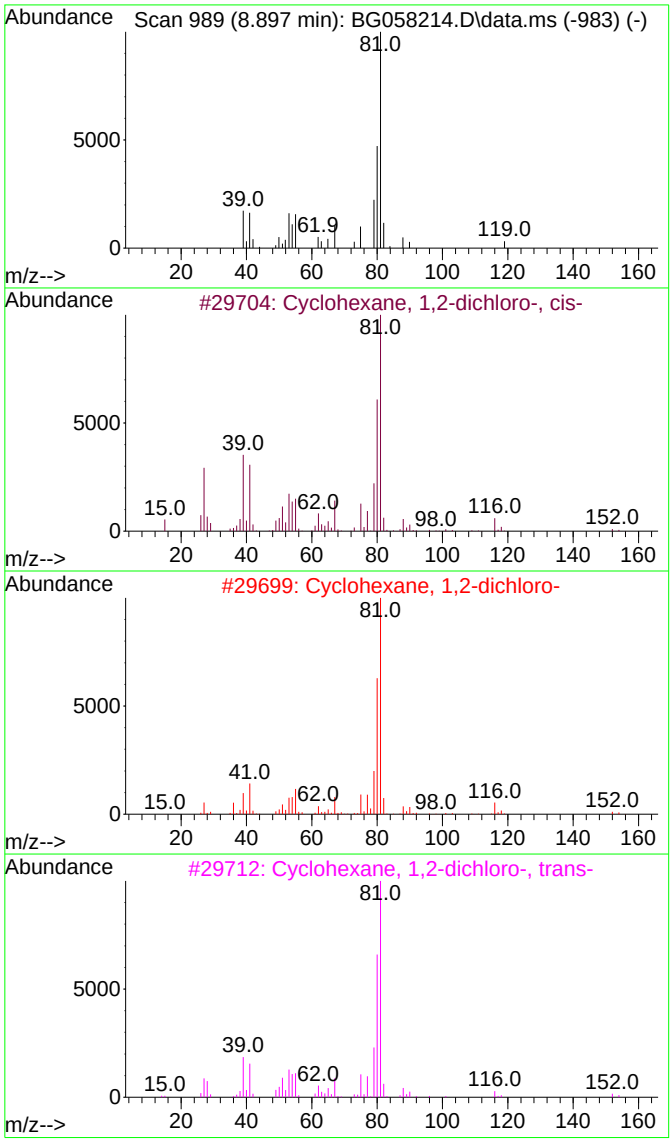
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

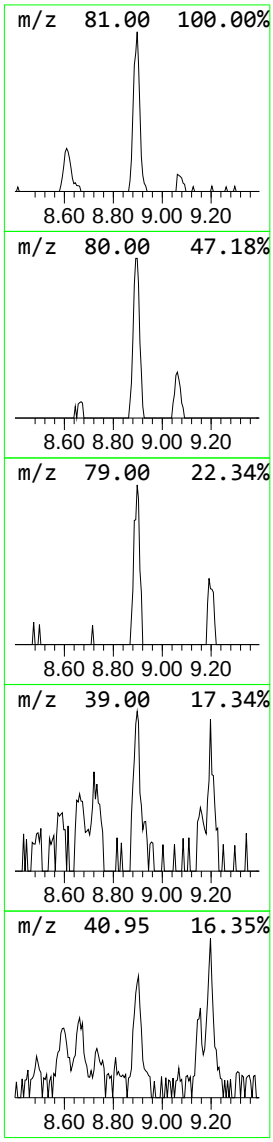
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Cyclohexane, 1,2-dichloro-,... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.897 | 2.35 ng/ul | 36320 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dichloro-, cis- | 152 | C6H10Cl2 | 010498-35-8 | 74 |
| 2 | Cyclohexane, 1,2-dichloro- | 152 | C6H10Cl2 | 001121-21-7 | 72 |
| 3 | Cyclohexane, 1,2-dichloro-, trans- | 152 | C6H10Cl2 | 000822-86-6 | 64 |
| 4 | 2,4-Dimethyl 1,4-pentadiene | 96 | C7H12 | 004161-65-3 | 50 |
| 5 | Bi-2-cyclohexen-1-yl | 162 | C12H18 | 001541-20-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

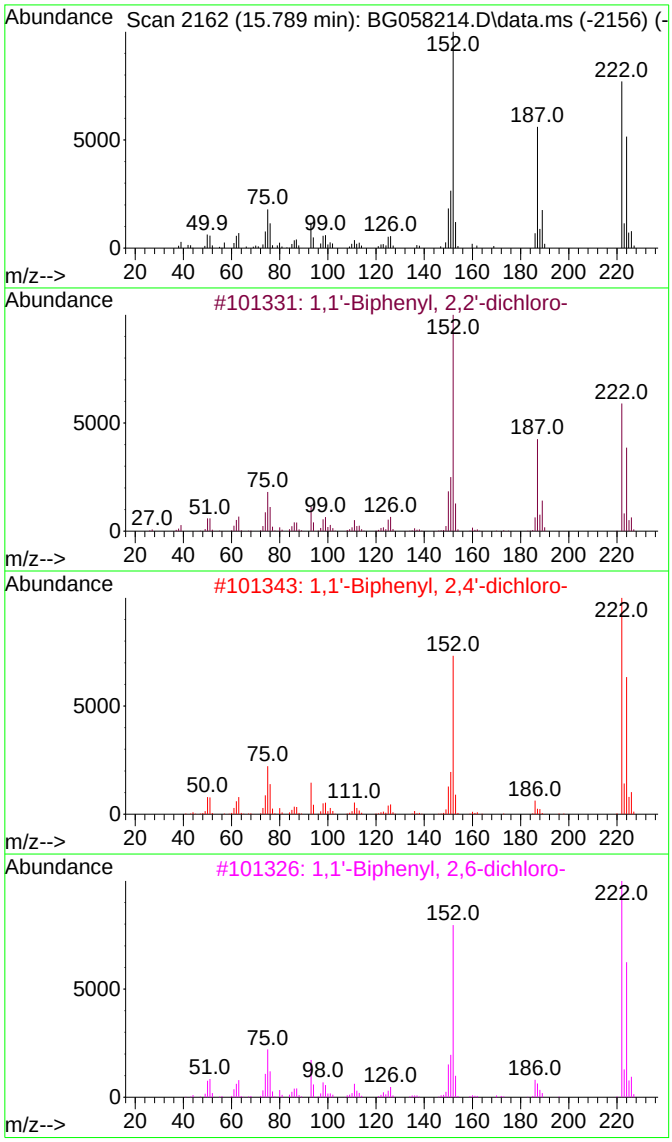
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

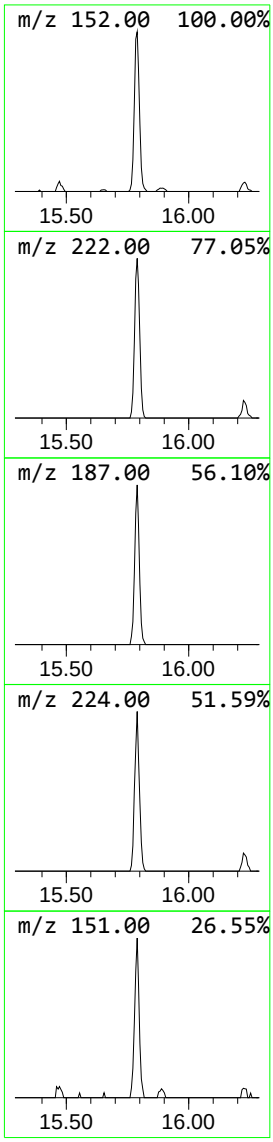
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.789 | 4.42 ng/ul | 168048 | Acenaphthene-d10 | 14.538 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2'-dichloro- | 222 | C12H8Cl2 | 013029-08-8 | 99 |
| 2 | 1,1'-Biphenyl, 2,4'-dichloro- | 222 | C12H8Cl2 | 034883-43-7 | 98 |
| 3 | 1,1'-Biphenyl, 2,6-dichloro- | 222 | C12H8Cl2 | 033146-45-1 | 96 |
| 4 | 1,1'-Biphenyl, 2,5-dichloro- | 222 | C12H8Cl2 | 034883-39-1 | 96 |
| 5 | 1,1'-Biphenyl, 4,4'-dichloro- | 222 | C12H8Cl2 | 002050-68-2 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

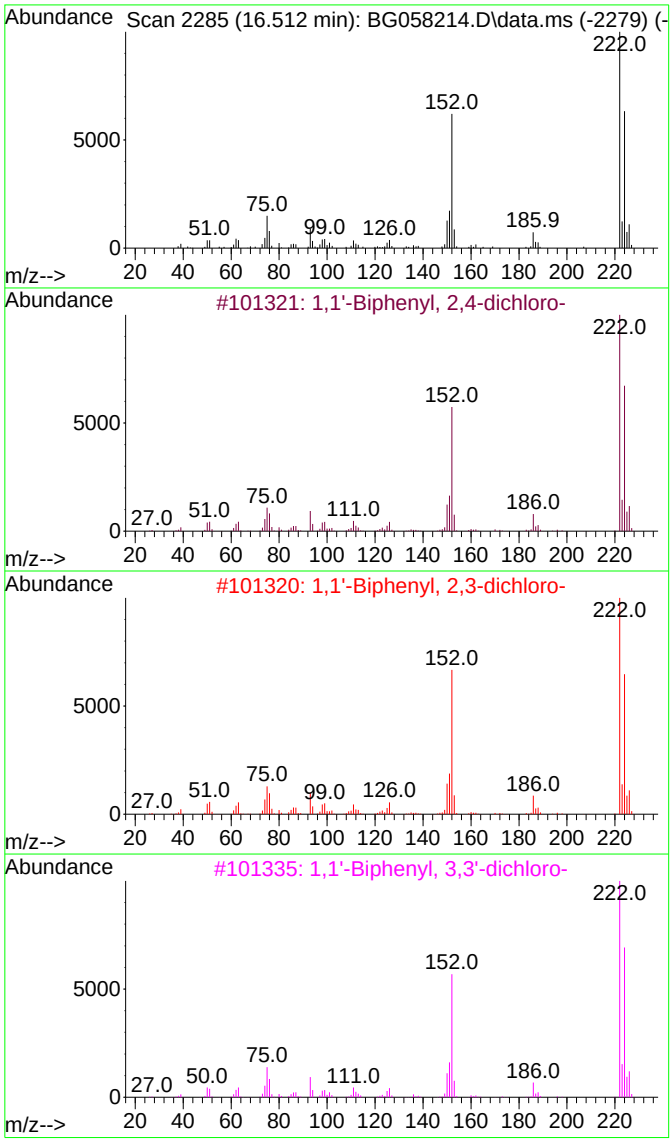
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

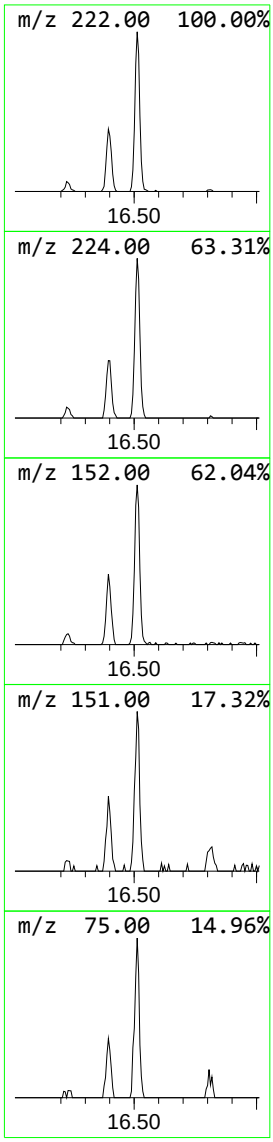
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1,1'-Biphenyl, 2,4-dichloro- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.512 | 3.17 ng/ul | 164764 | Phenanthrene-d10 | 17.288 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,4-dichloro- | 222 | C12H8Cl2 | 033284-50-3 | 99 |
| 2 | 1,1'-Biphenyl, 2,3-dichloro- | 222 | C12H8Cl2 | 016605-91-7 | 99 |
| 3 | 1,1'-Biphenyl, 3,3'-dichloro- | 222 | C12H8Cl2 | 002050-67-1 | 99 |
| 4 | 1,1'-Biphenyl, 2,5-dichloro- | 222 | C12H8Cl2 | 034883-39-1 | 99 |
| 5 | 1,1'-Biphenyl, 2,3-dichloro- | 222 | C12H8Cl2 | 016605-91-7 | 98 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

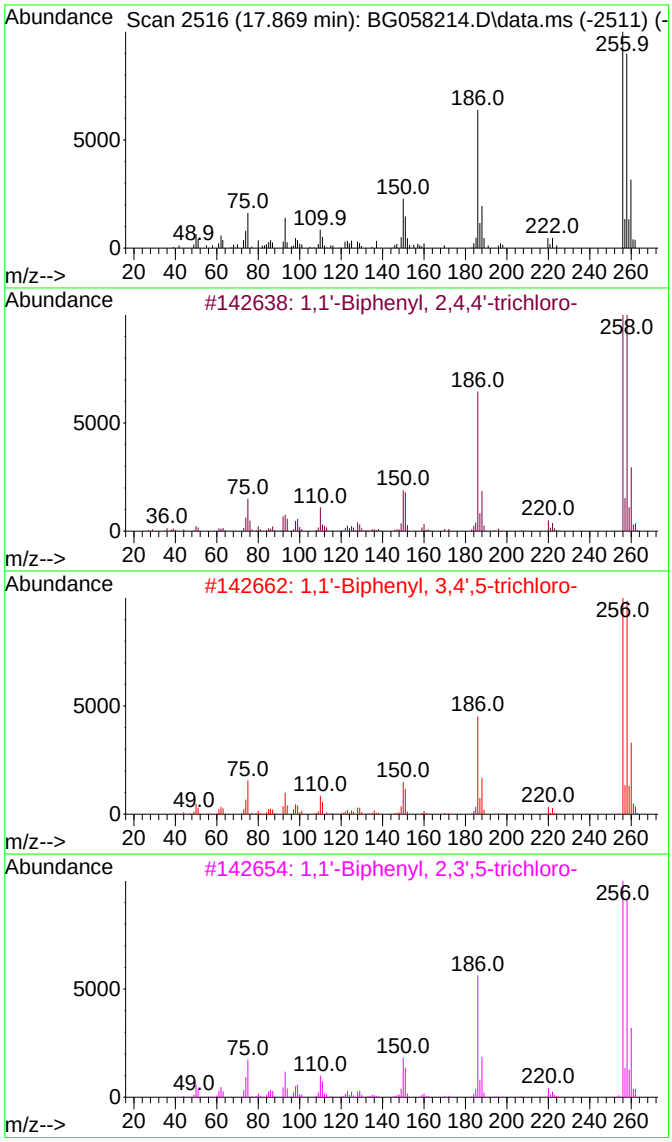
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

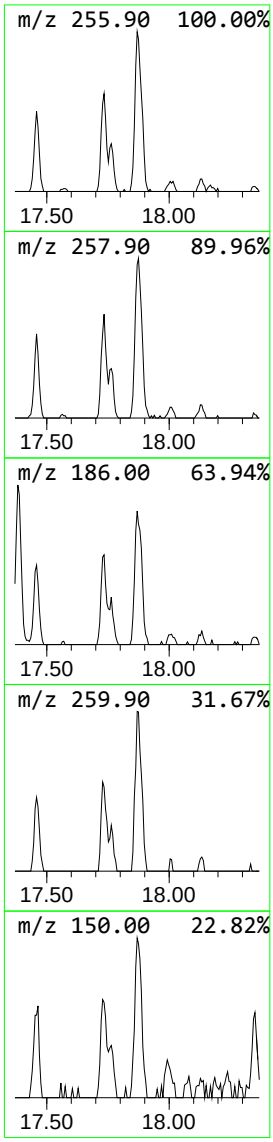
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.869 | 2.94 ng/ul | 152881 | Phenanthrene-d10 | 17.288 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,4,4'-trichloro- | 256 | C12H7Cl3 | 007012-37-5 | 99 |
| 2 | 1,1'-Biphenyl, 3,4',5-trichloro- | 256 | C12H7Cl3 | 038444-88-1 | 99 |
| 3 | 1,1'-Biphenyl, 2,3',5-trichloro- | 256 | C12H7Cl3 | 038444-81-4 | 99 |
| 4 | 1,1'-Biphenyl, 2',3,4-trichloro- | 256 | C12H7Cl3 | 038444-86-9 | 99 |
| 5 | 1,1'-Biphenyl, 2',3,5-trichloro- | 256 | C12H7Cl3 | 037680-68-5 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

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

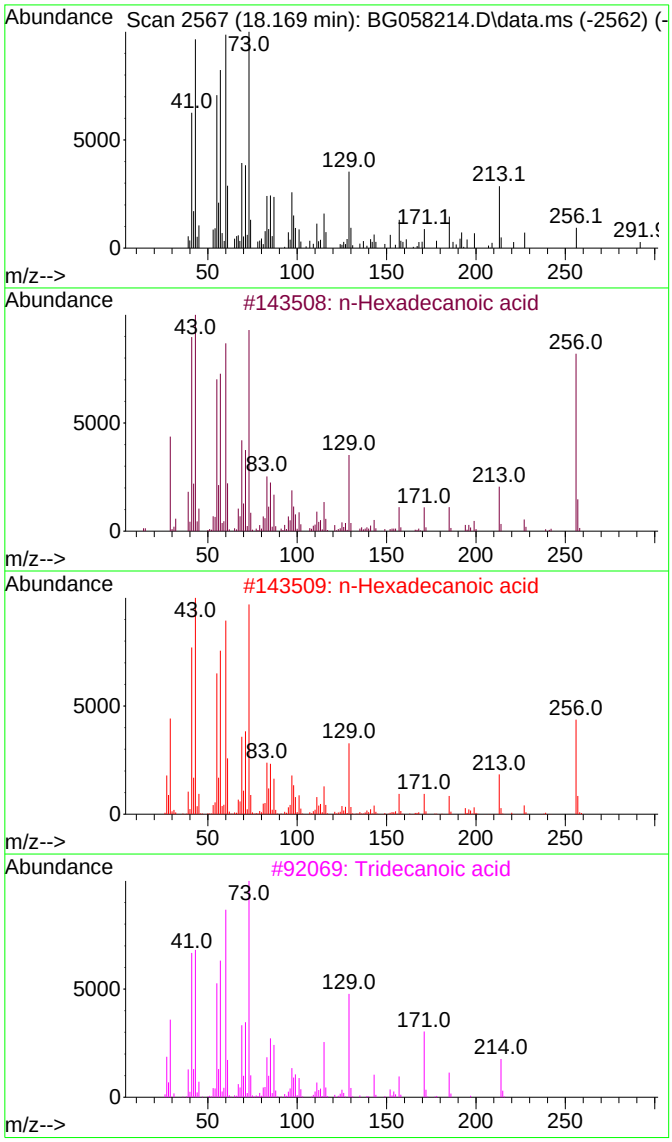
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

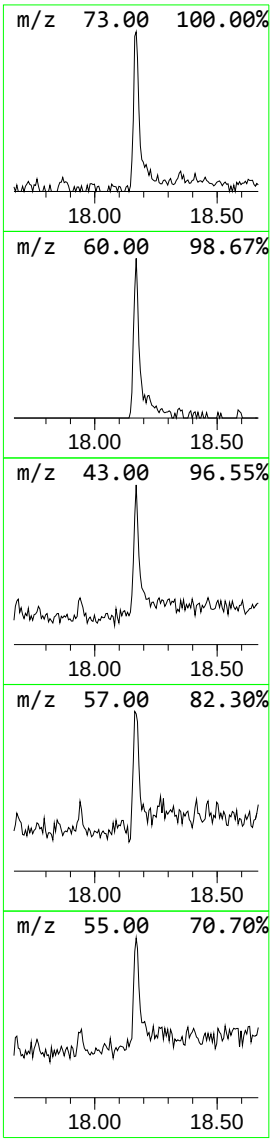
**********

Peak Number 13 n-Hexadecanoic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.169 | 2.41 ng/ul | 125057 | Phenanthrene-d10 | 17.288 |

| 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 | 87 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 81 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

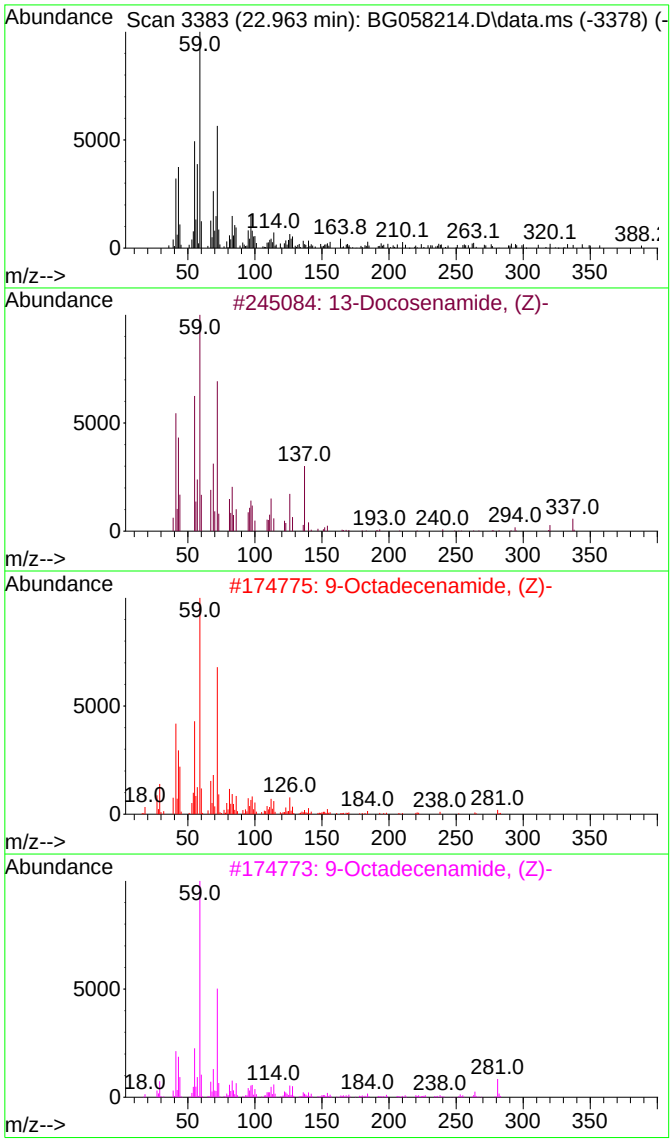
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

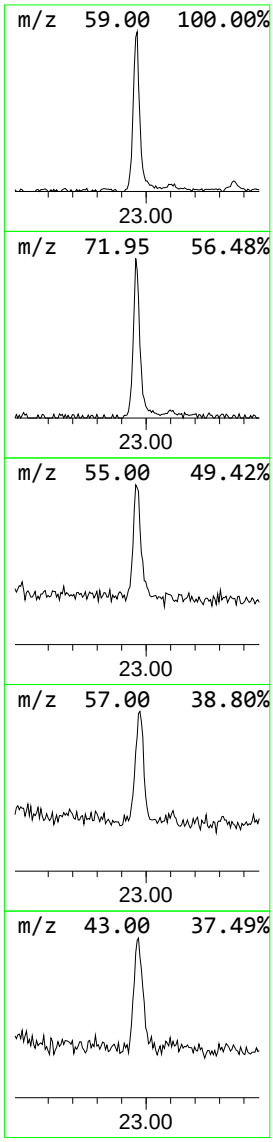
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 13-Docosenamide, (Z)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.963 | 4.24 ng/ul | 232555 | Chrysene-d12 | 21.535 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 87 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 83 |
| 3 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 83 |
| 4 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 80 |
| 5 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

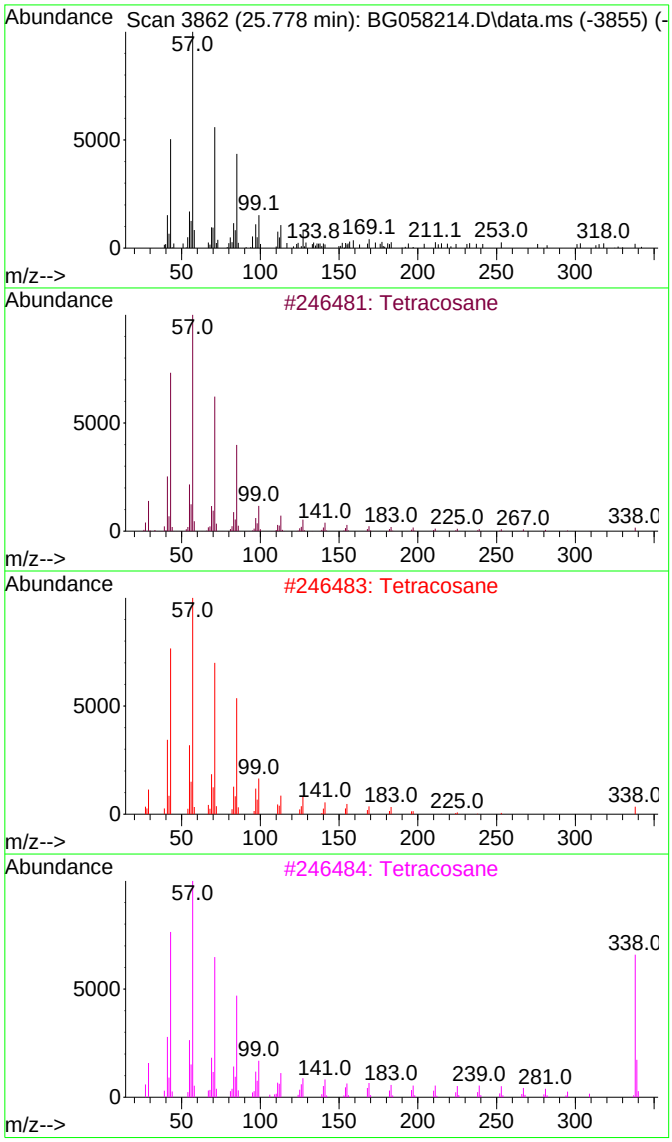
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

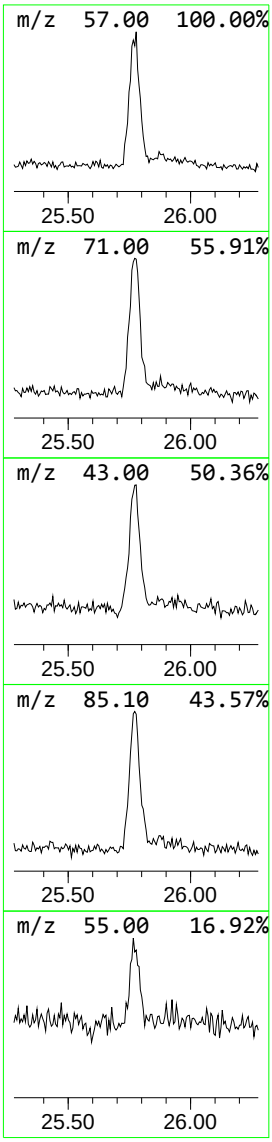
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.778 | 2.29 ng/ul | 136771 | Perylene-d12 | 24.679 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

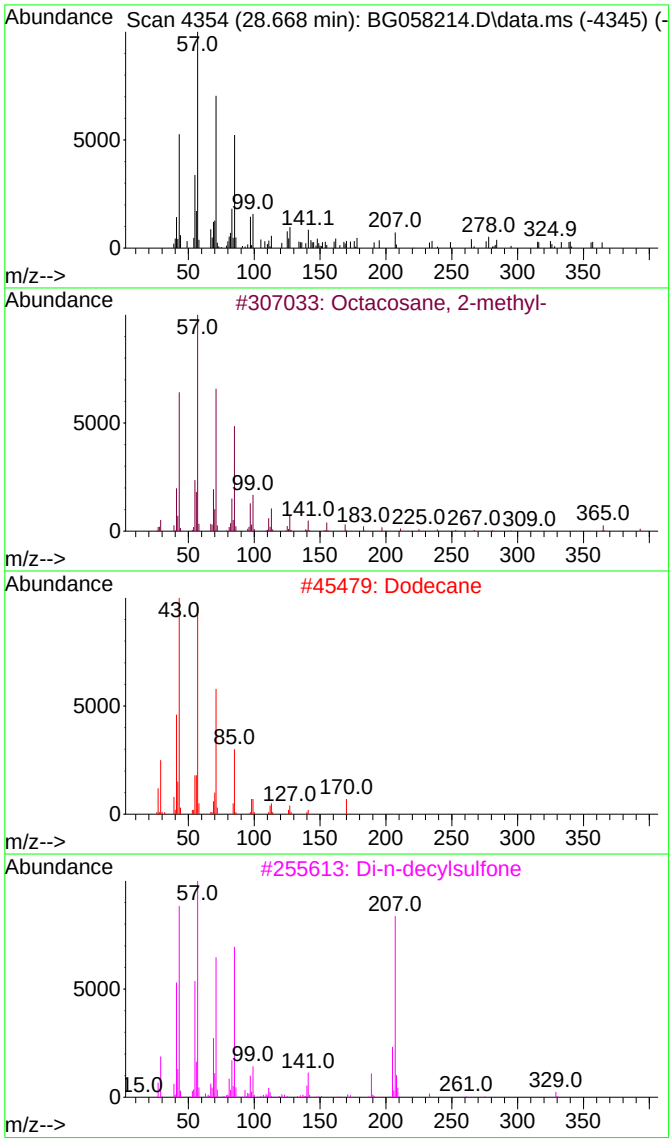
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

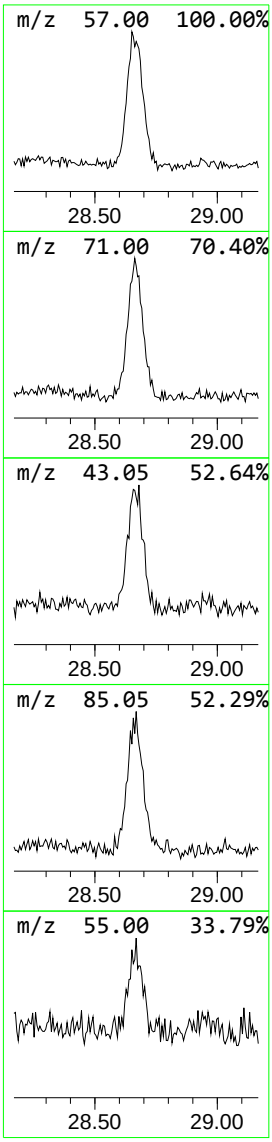
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 28.668 | 3.23 ng/ul | 192302 | Perylene-d12 | 24.679 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 80 |
| 2 | Dodecane | 170 | C12H26 | 000112-40-3 | 74 |
| 3 | Di-n-decylsulfone | 346 | C20H42O2S | 111530-37-1 | 72 |
| 4 | Heptadecane, 8-methyl- | 254 | C18H38 | 013287-23-5 | 72 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058214.D
Acq On : 14 Jul 2023 2:30
Operator : CG/JU
Sample : 03414-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A46G2

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 |
| Cyclohexene | 3.157 | 277.0 | ng/ul | 4278450 | 1 | 7.904 | 308914 | 20.0 |
| 2-Cyclohexen-1-ol | 5.801 | 8.6 | ng/ul | 133187 | 1 | 7.904 | 308914 | 20.0 |
| unknown-01 | 5.842 | 2.3 | ng/ul | 35580 | 1 | 7.904 | 308914 | 20.0 |
| Cyclohexene, 3-... | 6.177 | 2.5 | ng/ul | 37978 | 1 | 7.904 | 308914 | 20.0 |
| 2-Cyclohexen-1-one | 6.524 | 16.3 | ng/ul | 250930 | 1 | 7.904 | 308914 | 20.0 |
| unknown-02 | 8.069 | 2.4 | ng/ul | 36509 | 1 | 7.904 | 308914 | 20.0 |
| unknown-03 | 8.151 | 3.4 | ng/ul | 52770 | 1 | 7.904 | 308914 | 20.0 |
| 2-Chlorocyclohe... | 8.216 | 44.8 | ng/ul | 692291 | 1 | 7.904 | 308914 | 20.0 |
| Cyclohexane, 1,... | 8.897 | 2.4 | ng/ul | 36320 | 1 | 7.904 | 308914 | 20.0 |
| 1,1'-Biphenyl, ... | 15.789 | 4.4 | ng/ul | 168048 | 3 | 14.538 | 760828 | 20.0 |
| 1,1'-Biphenyl, ... | 16.512 | 3.2 | ng/ul | 164764 | 4 | 17.288 | 1038980 | 20.0 |
| 1,1'-Biphenyl, ... | 17.869 | 2.9 | ng/ul | 152881 | 4 | 17.288 | 1038980 | 20.0 |
| n-Hexadecanoic ... | 18.169 | 2.4 | ng/ul | 125057 | 4 | 17.288 | 1038980 | 20.0 |
| 13-Docosenamide... | 22.963 | 4.2 | ng/ul | 232555 | 5 | 21.535 | 1097640 | 20.0 |
| (DEL) Alkane: S... | 25.778 | 2.3 | ng/ul | 136771 | 6 | 24.679 | 1192170 | 20.0 |
| (DEL) Alkane: S... | 28.668 | 3.2 | ng/ul | 192302 | 6 | 24.679 | 1192170 | 20.0 |