LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DBZV3

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-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056781.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.442 | 320 | 324 | 328 | rBV2 | 4308 | 6087 | 1.89% | 0.147% |
| 2 | 7.081 | 599 | 603 | 608 | rVB2 | 7236 | 10934 | 3.40% | 0.264% |
| 3 | 7.539 | 675 | 681 | 688 | rBV | 42346 | 69525 | 21.61% | 1.677% |
| 4 | 7.721 | 705 | 712 | 720 | rBV | 29443 | 48268 | 15.00% | 1.164% |
| 5 | 7.862 | 730 | 736 | 737 | rBV3 | 3404 | 5008 | 1.56% | 0.121% |
| 6 | 7.939 | 743 | 749 | 757 | rVB | 37006 | 59529 | 18.50% | 1.436% |
| 7 | 8.421 | 824 | 831 | 837 | rBV | 54542 | 91637 | 28.48% | 2.211% |
| 8 | 8.726 | 879 | 883 | 888 | rVB2 | 6913 | 9487 | 2.95% | 0.229% |
| 9 | 9.102 | 941 | 947 | 954 | rVB | 43753 | 74916 | 23.29% | 1.807% |
| 10 | 9.243 | 965 | 971 | 976 | rBV4 | 3777 | 6710 | 2.09% | 0.162% |
| 11 | 9.590 | 1022 | 1030 | 1037 | rBV | 39274 | 71984 | 22.38% | 1.736% |
| 12 | 9.966 | 1091 | 1094 | 1098 | rVB2 | 1138 | 1537 | 0.48% | 0.037% |
| 13 | 10.318 | 1148 | 1154 | 1160 | rVB2 | 33811 | 57645 | 17.92% | 1.391% |
| 14 | 10.653 | 1209 | 1211 | 1215 | rVB2 | 979 | 1098 | 0.34% | 0.026% |
| 15 | 10.859 | 1240 | 1246 | 1253 | rBV | 52712 | 88585 | 27.54% | 2.137% |
| 16 | 11.023 | 1270 | 1274 | 1277 | rVV3 | 1761 | 2518 | 0.78% | 0.061% |
| 17 | 11.065 | 1277 | 1281 | 1287 | rVB2 | 10524 | 16117 | 5.01% | 0.389% |
| 18 | 11.253 | 1305 | 1313 | 1322 | rVB | 77728 | 138905 | 43.18% | 3.351% |
| 19 | 11.376 | 1328 | 1334 | 1342 | rVB2 | 30786 | 53140 | 16.52% | 1.282% |
| 20 | 12.727 | 1560 | 1564 | 1568 | rVB3 | 1768 | 2077 | 0.65% | 0.050% |
| 21 | 12.810 | 1572 | 1578 | 1582 | rVB2 | 691 | 1319 | 0.41% | 0.032% |
| 22 | 13.544 | 1697 | 1703 | 1706 | rVB2 | 1861 | 2802 | 0.87% | 0.068% |
| 23 | 13.738 | 1730 | 1736 | 1739 | rBV | 16326 | 21316 | 6.63% | 0.514% |
| 24 | 13.767 | 1739 | 1741 | 1746 | rVB2 | 4671 | 5652 | 1.76% | 0.136% |
| 25 | 13.820 | 1746 | 1750 | 1753 | rVB2 | 1297 | 1550 | 0.48% | 0.037% |
| 26 | 13.896 | 1759 | 1763 | 1767 | rBV4 | 6601 | 9241 | 2.87% | 0.223% |
| 27 | 14.349 | 1835 | 1840 | 1844 | rVB4 | 16458 | 20907 | 6.50% | 0.504% |
| 28 | 14.408 | 1844 | 1850 | 1857 | rBV | 103044 | 154093 | 47.90% | 3.717% |
| 29 | 14.719 | 1897 | 1903 | 1911 | rVB | 116469 | 179744 | 55.87% | 4.336% |
| 30 | 14.989 | 1941 | 1949 | 1951 | rVV | 33617 | 54212 | 16.85% | 1.308% |
| 31 | 15.025 | 1951 | 1955 | 1961 | rVV | 143415 | 216700 | 67.36% | 5.227% |
| 32 | 15.077 | 1961 | 1964 | 1967 | rVB3 | 2386 | 3194 | 0.99% | 0.077% |
| 33 | 15.171 | 1973 | 1980 | 1990 | rBV | 35201 | 55414 | 17.23% | 1.337% |
| 34 | 15.254 | 1990 | 1994 | 1995 | rVV2 | 1617 | 1431 | 0.44% | 0.035% |
| 35 | 15.277 | 1995 | 1998 | 2002 | rVV3 | 4470 | 5401 | 1.68% | 0.130% |
| 36 | 15.336 | 2002 | 2008 | 2011 | rVB3 | 1075 | 1754 | 0.55% | 0.042% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DBZV3

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-BG022323.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.759 | 2076 | 2080 | 2085 | rVV2 | 12340 | 15473 | 4.81% | 0.373% |
| 38 | 16.006 | 2114 | 2122 | 2128 | rVB | 161396 | 233261 | 72.51% | 5.627% |
| 39 | 16.100 | 2133 | 2138 | 2145 | rBV | 47217 | 68004 | 21.14% | 1.640% |
| 40 | 16.352 | 2175 | 2181 | 2187 | rBV | 38282 | 58478 | 18.18% | 1.411% |
| 41 | 16.429 | 2191 | 2194 | 2197 | rVV | 1193 | 1183 | 0.37% | 0.029% |
| 42 | 16.470 | 2197 | 2201 | 2209 | rVB3 | 2031 | 2574 | 0.80% | 0.062% |
| 43 | 16.558 | 2212 | 2216 | 2219 | rBV2 | 1642 | 1849 | 0.57% | 0.045% |
| 44 | 16.711 | 2239 | 2242 | 2246 | rVB | 2131 | 2409 | 0.75% | 0.058% |
| 45 | 16.822 | 2258 | 2261 | 2265 | rVB2 | 813 | 1209 | 0.38% | 0.029% |
| 46 | 16.916 | 2273 | 2277 | 2280 | rVB3 | 2125 | 2563 | 0.80% | 0.062% |
| 47 | 17.351 | 2345 | 2351 | 2355 | rBV2 | 940 | 1732 | 0.54% | 0.042% |
| 48 | 17.422 | 2358 | 2363 | 2366 | rVV2 | 7272 | 9272 | 2.88% | 0.224% |
| 49 | 17.451 | 2366 | 2368 | 2373 | rVB3 | 3745 | 4191 | 1.30% | 0.101% |
| 50 | 17.698 | 2408 | 2410 | 2413 | rVV | 1207 | 1557 | 0.48% | 0.038% |
| 51 | 17.757 | 2413 | 2420 | 2427 | rVV | 197663 | 298709 | 92.85% | 7.206% |
| 52 | 17.851 | 2430 | 2436 | 2443 | rVV2 | 165050 | 251883 | 78.30% | 6.076% |
| 53 | 17.945 | 2443 | 2452 | 2455 | rVB4 | 2183 | 5083 | 1.58% | 0.123% |
| 54 | 18.391 | 2524 | 2528 | 2532 | rBV2 | 3841 | 5100 | 1.59% | 0.123% |
| 55 | 18.497 | 2542 | 2546 | 2551 | rVB2 | 7146 | 9575 | 2.98% | 0.231% |
| 56 | 18.597 | 2558 | 2563 | 2564 | rBV | 21330 | 26052 | 8.10% | 0.628% |
| 57 | 18.750 | 2586 | 2589 | 2593 | rBV2 | 2456 | 2902 | 0.90% | 0.070% |
| 58 | 18.820 | 2596 | 2601 | 2602 | rBV3 | 832 | 1084 | 0.34% | 0.026% |
| 59 | 18.850 | 2602 | 2606 | 2609 | rVB2 | 5731 | 6405 | 1.99% | 0.155% |
| 60 | 19.014 | 2630 | 2634 | 2635 | rVV2 | 1051 | 1033 | 0.32% | 0.025% |
| 61 | 19.196 | 2659 | 2665 | 2668 | rBV5 | 3732 | 5107 | 1.59% | 0.123% |
| 62 | 19.543 | 2722 | 2724 | 2728 | rVB2 | 1739 | 1676 | 0.52% | 0.040% |
| 63 | 19.607 | 2731 | 2735 | 2738 | rBV3 | 2315 | 3456 | 1.07% | 0.083% |
| 64 | 19.684 | 2742 | 2748 | 2751 | rVV6 | 4229 | 7675 | 2.39% | 0.185% |
| 65 | 19.748 | 2754 | 2759 | 2763 | rBV4 | 2469 | 4930 | 1.53% | 0.119% |
| 66 | 19.819 | 2769 | 2771 | 2772 | rBV | 2318 | 1572 | 0.49% | 0.038% |
| 67 | 19.848 | 2772 | 2776 | 2777 | rBV2 | 2682 | 3484 | 1.08% | 0.084% |
| 68 | 19.936 | 2789 | 2791 | 2793 | rBV3 | 1246 | 1143 | 0.36% | 0.028% |
| 69 | 19.983 | 2794 | 2799 | 2801 | rBV4 | 2356 | 3703 | 1.15% | 0.089% |
| 70 | 20.113 | 2815 | 2821 | 2830 | rVB | 218716 | 315793 | 98.16% | 7.618% |
| 71 | 20.207 | 2835 | 2837 | 2841 | rBV4 | 1628 | 1799 | 0.56% | 0.043% |
| 72 | 20.330 | 2856 | 2858 | 2861 | rBV3 | 1120 | 1294 | 0.40% | 0.031% |
| 73 | 20.448 | 2876 | 2878 | 2879 | rBV | 1796 | 1117 | 0.35% | 0.027% |
| 74 | 20.465 | 2879 | 2881 | 2885 | rVV3 | 4880 | 6038 | 1.88% | 0.146% |
| 75 | 20.536 | 2888 | 2893 | 2897 | rVV2 | 25143 | 34049 | 10.58% | 0.821% |
| 76 | 20.853 | 2944 | 2947 | 2950 | rVB3 | 5679 | 5693 | 1.77% | 0.137% |

LSC Area Percent Report

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Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DBZV3

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-BG022323.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 20.924 | 2957 | 2959 | 2962 | rVB4 | 2642 | 1985 | 0.62% | 0.048% |
| 78 | 21.065 | 2972 | 2983 | 2987 | rBV2 | 21601 | 43128 | 13.41% | 1.040% |
| 79 | 21.288 | 3018 | 3021 | 3026 | rVB5 | 8316 | 11174 | 3.47% | 0.270% |
| 80 | 21.352 | 3031 | 3032 | 3040 | rVB6 | 3775 | 5651 | 1.76% | 0.136% |
| 81 | 21.458 | 3046 | 3050 | 3056 | rVB | 42132 | 57568 | 17.89% | 1.389% |
| 82 | 21.546 | 3060 | 3065 | 3068 | rBV4 | 5820 | 8856 | 2.75% | 0.214% |
| 83 | 21.640 | 3075 | 3081 | 3091 | rBV3 | 33509 | 61698 | 19.18% | 1.488% |
| 84 | 22.063 | 3146 | 3153 | 3162 | rVB2 | 187712 | 318899 | 99.13% | 7.693% |
| 85 | 22.492 | 3222 | 3226 | 3231 | rVB3 | 9694 | 16515 | 5.13% | 0.398% |
| 86 | 22.604 | 3243 | 3245 | 3247 | rBV2 | 1764 | 1547 | 0.48% | 0.037% |
| 87 | 22.792 | 3276 | 3277 | 3280 | rBV3 | 2171 | 2010 | 0.62% | 0.048% |
| 88 | 22.886 | 3288 | 3293 | 3299 | rBV6 | 4823 | 11524 | 3.58% | 0.278% |
| 89 | 23.297 | 3361 | 3363 | 3364 | rVB | 2668 | 1153 | 0.36% | 0.028% |
| 90 | 23.620 | 3411 | 3418 | 3419 | rBV5 | 8669 | 13556 | 4.21% | 0.327% |
| 91 | 23.773 | 3442 | 3444 | 3447 | rBV4 | 2777 | 2621 | 0.81% | 0.063% |
| 92 | 23.944 | 3471 | 3473 | 3478 | rVB5 | 3996 | 6364 | 1.98% | 0.154% |
| 93 | 25.260 | 3695 | 3697 | 3700 | rBV3 | 2147 | 2583 | 0.80% | 0.062% |
| 94 | 25.342 | 3700 | 3711 | 3725 | rVV2 | 93889 | 289349 | 89.94% | 6.980% |
| 95 | 25.589 | 3741 | 3753 | 3763 | rBV2 | 106631 | 321704 | 100.00% | 7.760% |
| 96 | 26.505 | 3907 | 3909 | 3912 | rVB3 | 1573 | 1006 | 0.31% | 0.024% |
| 97 | 28.479 | 4244 | 4245 | 4248 | rVB2 | 2380 | 1302 | 0.40% | 0.031% |
| 98 | 29.713 | 4453 | 4455 | 4458 | rVB3 | 2496 | 2056 | 0.64% | 0.050% |
| 99 | 30.424 | 4574 | 4576 | 4578 | rBV3 | 1568 | 1353 | 0.42% | 0.033% |
| 100 | 30.459 | 4581 | 4582 | 4584 | rBV2 | 2405 | 1350 | 0.42% | 0.033% |

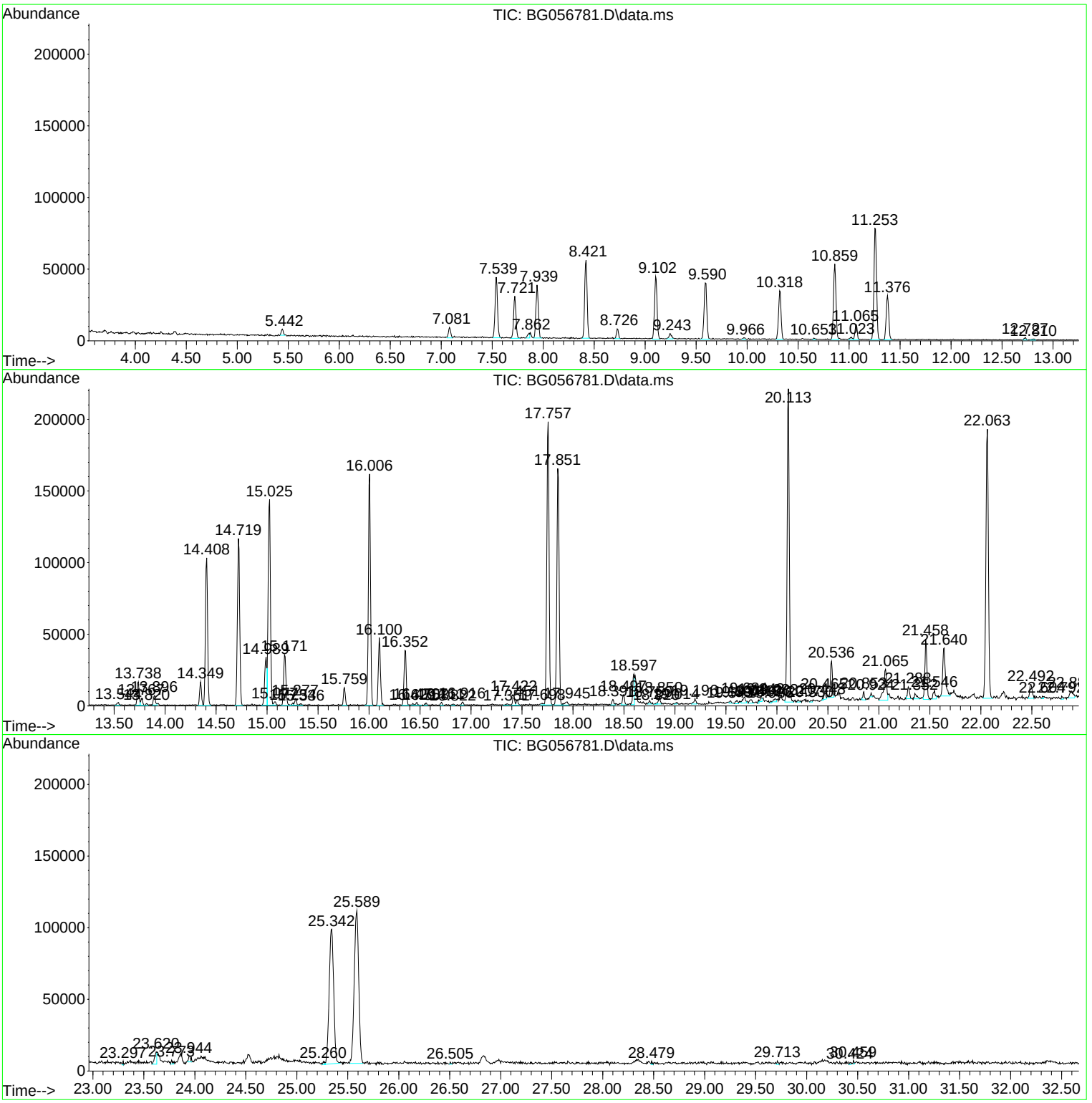
Sum of corrected areas: 4145499

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

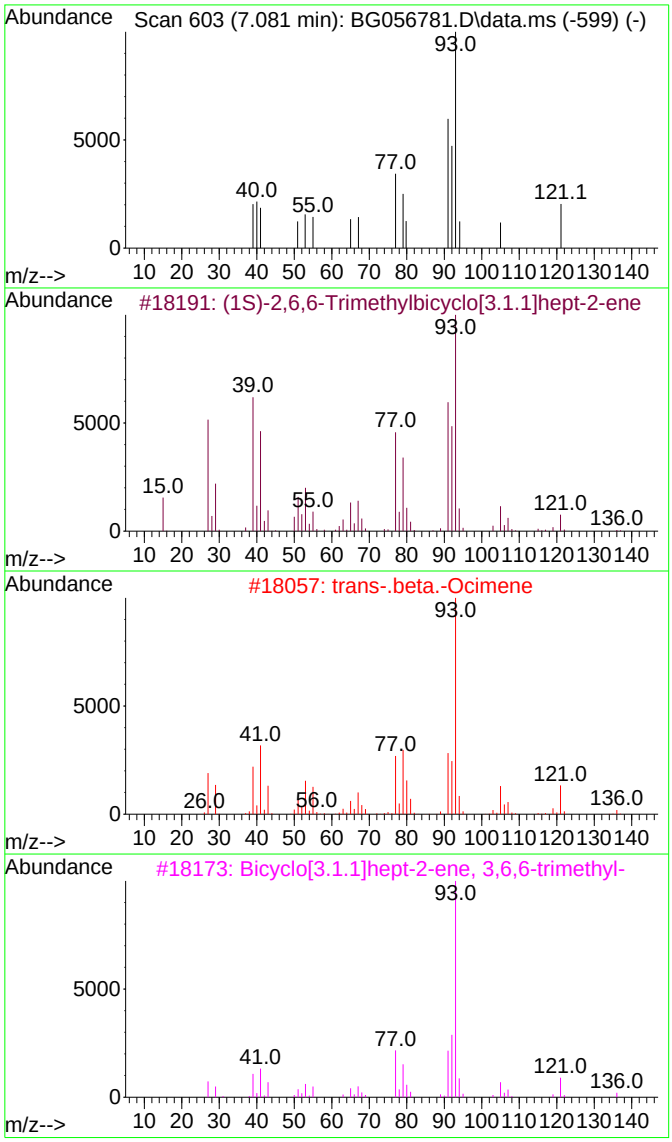
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

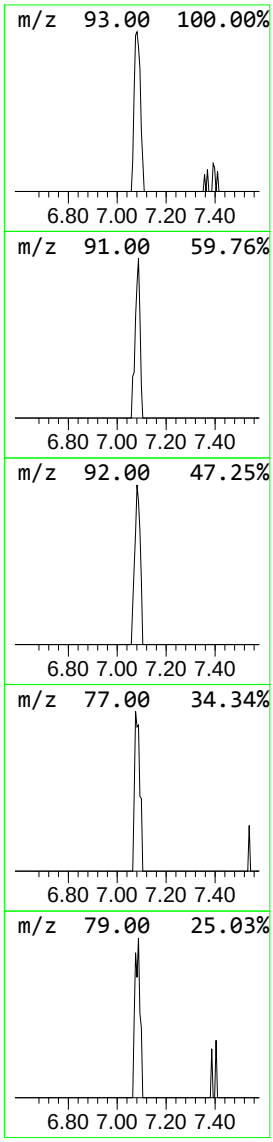
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.081 | 2.39 ng/ul | 10934 | 1,4-Dichlorobenzene-d4 | 8.421 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (1S)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-26-4 | 83 |
| 2 | trans-.beta.-Ocimene | 136 | C10H16 | 003779-61-1 | 72 |
| 3 | Bicyclo[3.1.1]hept-2-ene, 3,6,6-... | 136 | C10H16 | 004889-83-2 | 64 |
| 4 | 3,5-Methanocyclopentapyrazole, 3... | 164 | C10H16N2 | 087143-58-6 | 50 |
| 5 | 1-Hexen-3-yne, 5,5-dimethyl- | 108 | C8H12 | 004911-58-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

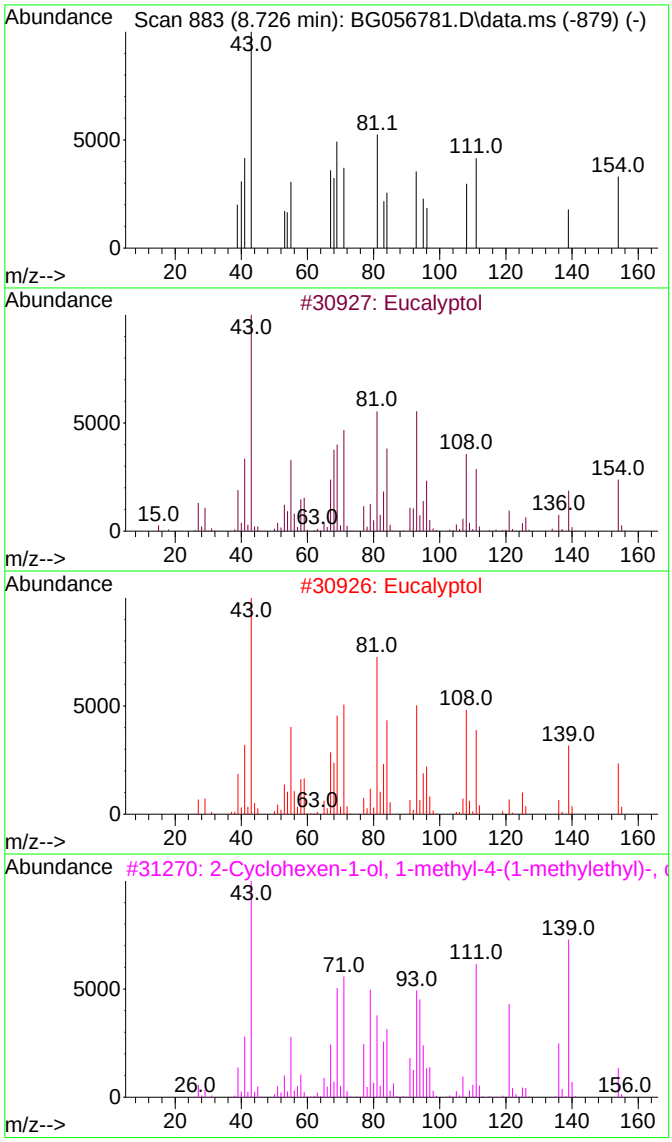
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

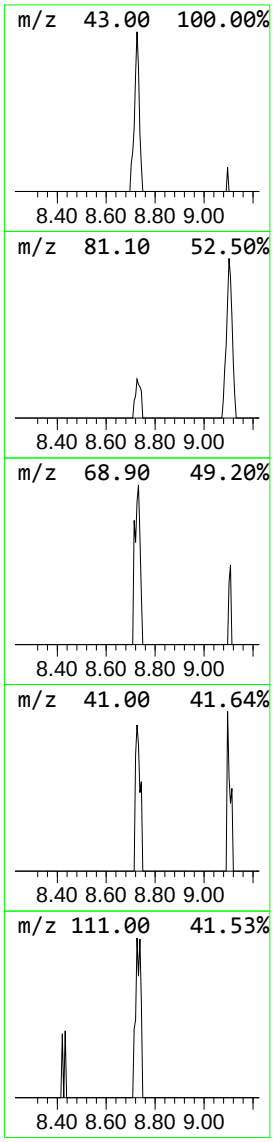
**********

Peak Number 2 Eucalyptol Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.726 | 2.07 ng/ul | 9487 | 1,4-Dichlorobenzene-d4 | 8.421 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 70 |
| 2 | Eucalyptol | 154 | C10H18O | 000470-82-6 | 59 |
| 3 | 2-Cyclohexen-1-ol, 1-methyl-4-(1... | 154 | C10H18O | 029803-82-5 | 33 |
| 4 | 5-Hepten-2-one, 6-methyl- | 126 | C8H14O | 000110-93-0 | 32 |
| 5 | 2-Heptanone, 3-propylidene- | 154 | C10H18O | 032064-70-3 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

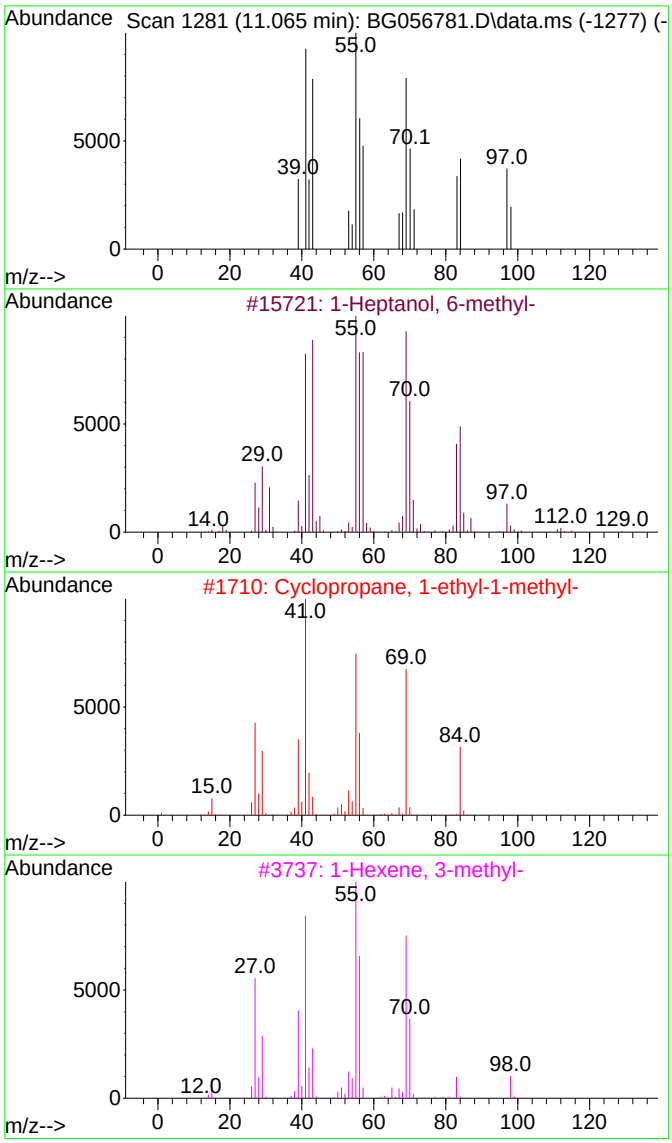
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

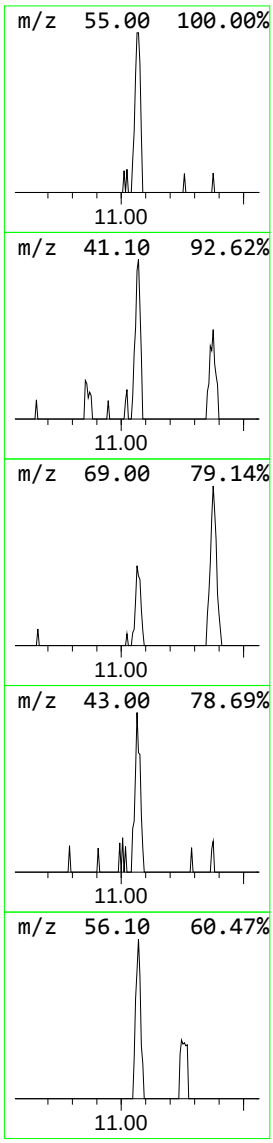
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1-Heptanol, 6-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.065 | 2.32 ng/ul | 16117 | Naphthalene-d8 | 11.253 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptanol, 6-methyl- | 130 | C8H18O | 001653-40-3 | 64 |
| 2 | Cyclopropane, 1-ethyl-1-methyl- | 84 | C6H12 | 053778-43-1 | 52 |
| 3 | 1-Hexene, 3-methyl- | 98 | C7H14 | 003404-61-3 | 50 |
| 4 | Pentane, 3-methylene- | 84 | C6H12 | 000760-21-4 | 46 |
| 5 | 1-Nonanol | 144 | C9H20O | 000143-08-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

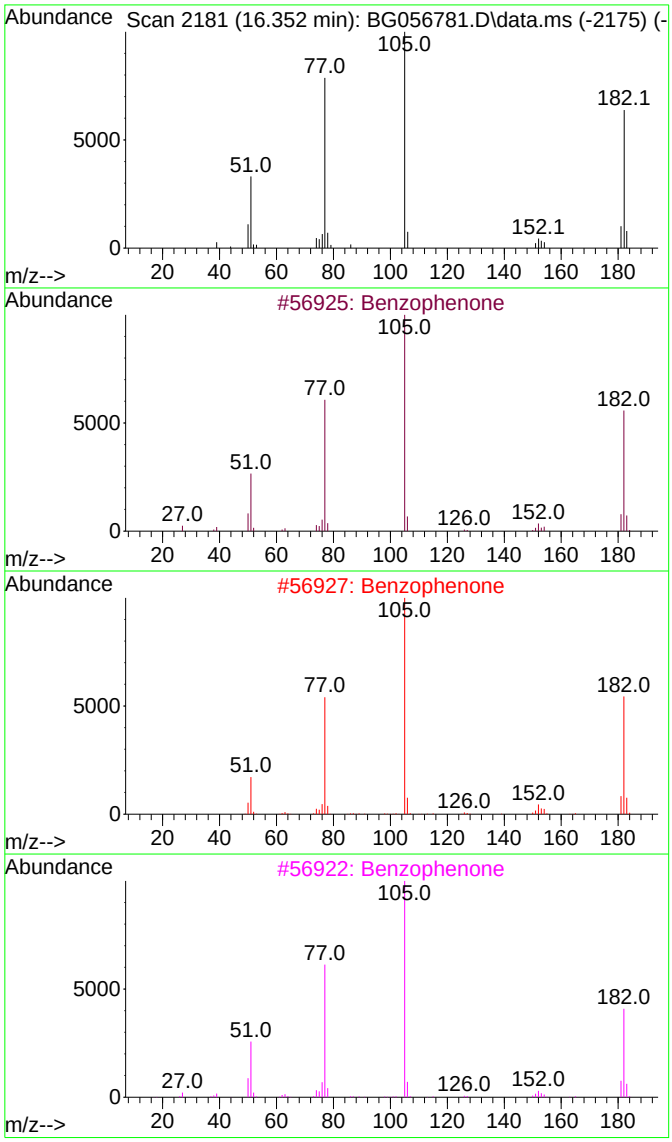
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

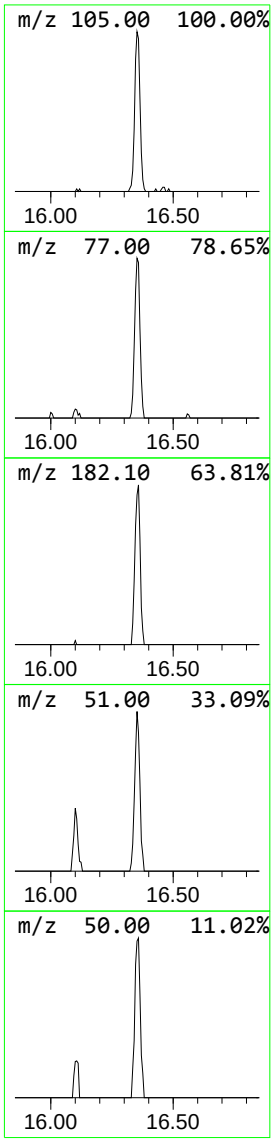
**********

Peak Number 4 Benzophenone Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.352 | 5.40 ng/ul | 58478 | Acenaphthene-d10 | 15.025 |

| 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 | 91 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

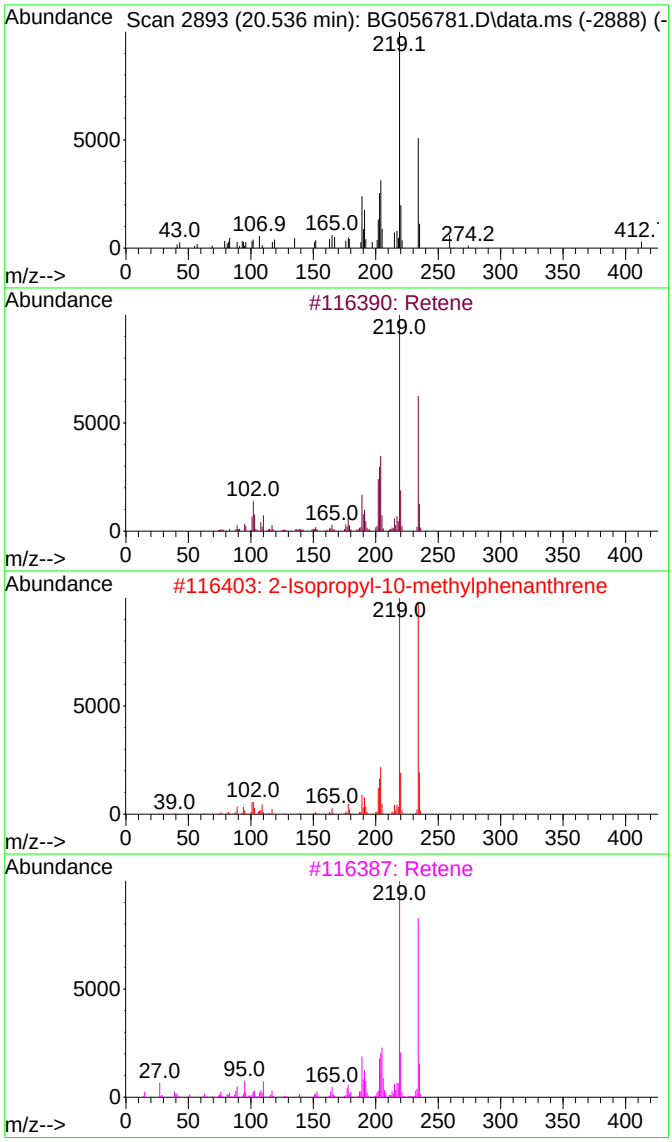
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

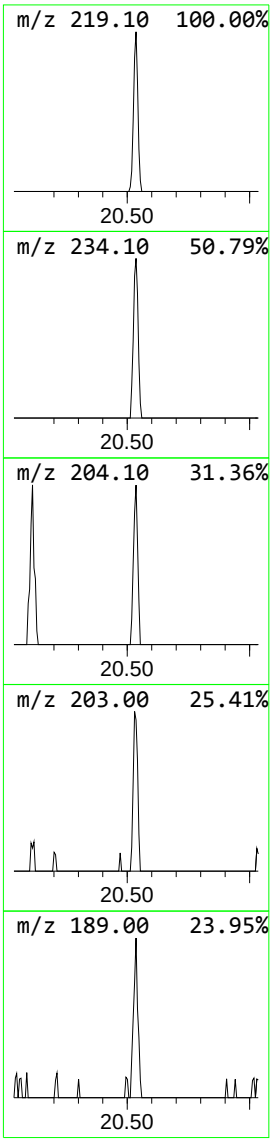
**********

Peak Number 5 Retene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.536 | 2.14 ng/ul | 34049 | Chrysene-d12 | 22.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Retene | 234 | C18H18 | 000483-65-8 | 93 |
| 2 | 2-Isopropyl-10-methylphenanthrene | 234 | C18H18 | 066552-97-4 | 91 |
| 3 | Retene | 234 | C18H18 | 000483-65-8 | 90 |
| 4 | Retene | 234 | C18H18 | 000483-65-8 | 90 |
| 5 | Retene | 234 | C18H18 | 000483-65-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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

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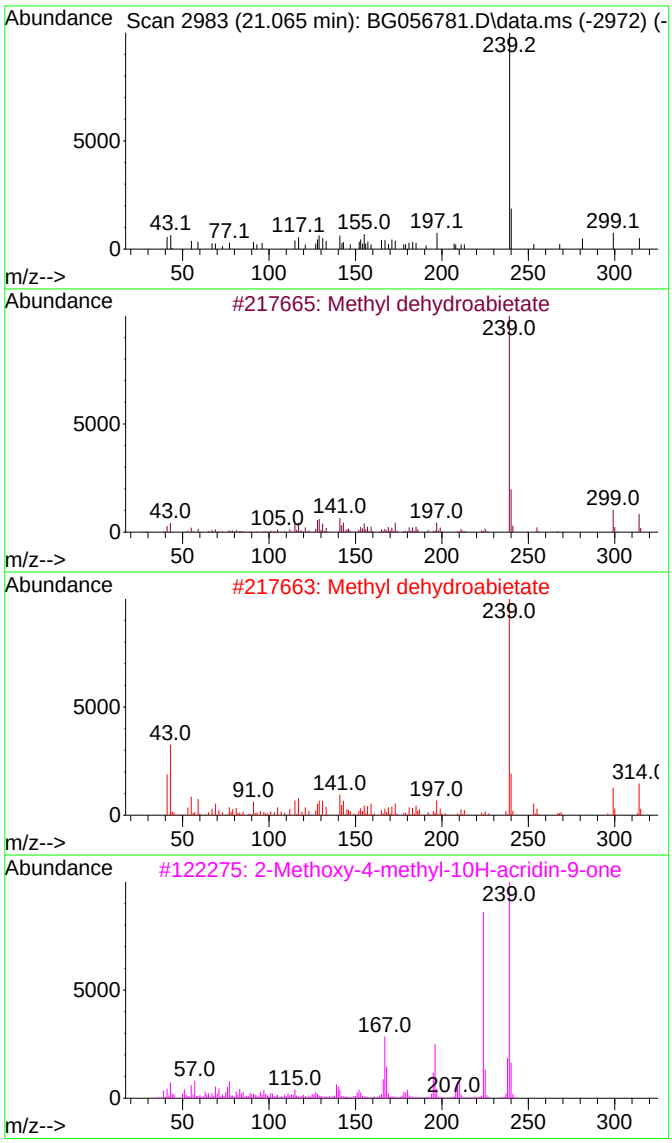
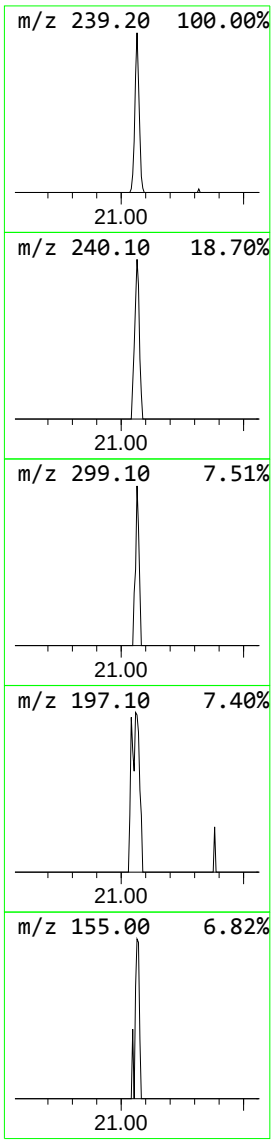
Peak Number 6 Methyl dehydroabietate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.065 | 2.70 ng/ul | 43128 | Chrysene-d12 | 22.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl dehydroabietate | 314 | C21H30O2 | 001235-74-1 | 87 |
| 2 | Methyl dehydroabietate | 314 | C21H30O2 | 001235-74-1 | 87 |
| 3 | 2-Methoxy-4-methyl-10H-acridin-9... | 239 | C15H13NO2 | 1000210-25-6 | 59 |
| 4 | 2-Methyl-3-phenylsulfanyl-1H-indole | 239 | C15H13NS | 1000322-52-7 | 53 |
| 5 | Indole, 3-imidazolo[2,1-b]thiazo... | 239 | C13H9N3S | 292855-05-1 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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

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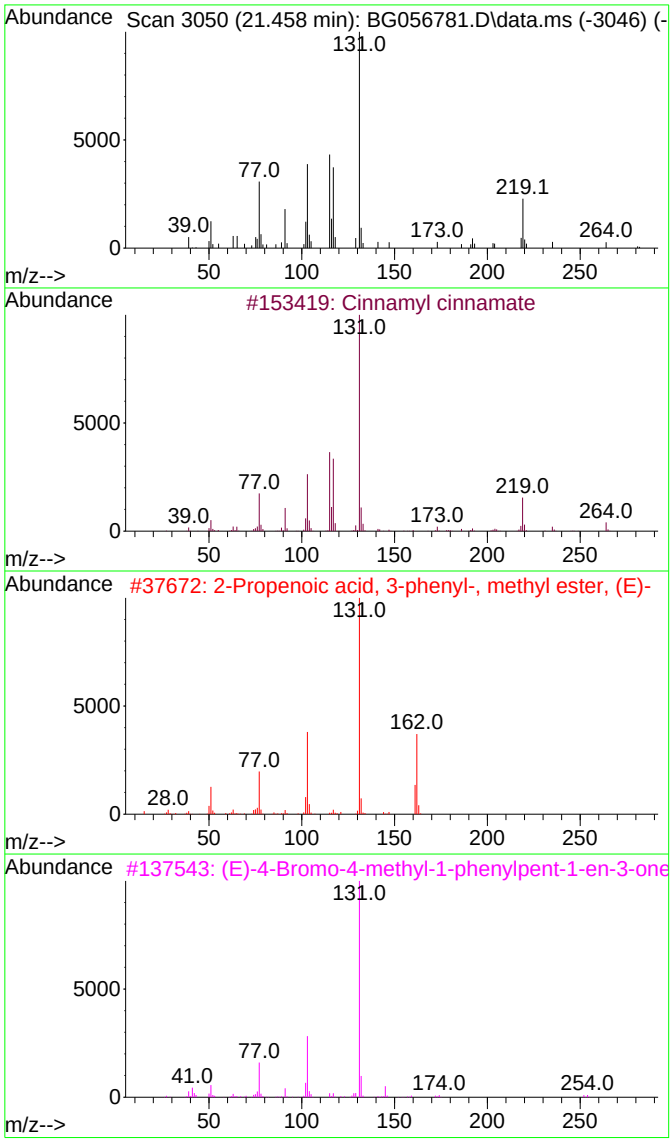
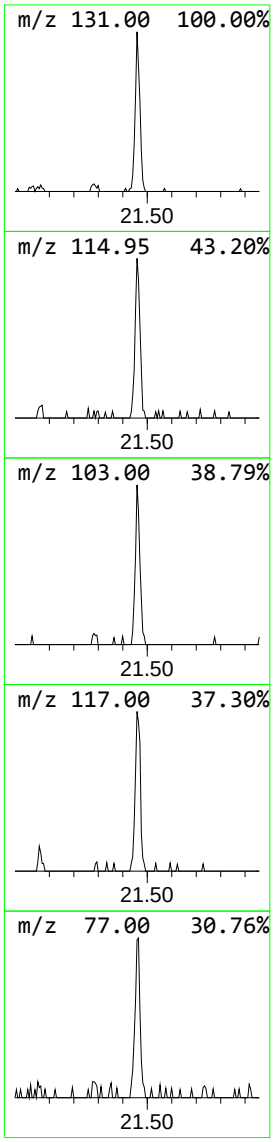
Peak Number 7 Cinnamyl cinnamate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.458 | 3.61 ng/ul | 57568 | Chrysene-d12 | 22.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cinnamyl cinnamate | 264 | C18H16O2 | 000122-69-0 | 70 |
| 2 | 2-Propenoic acid, 3-phenyl-, met... | 162 | C10H10O2 | 001754-62-7 | 47 |
| 3 | (E)-4-Bromo-4-methyl-1-phenylpen... | 252 | C12H13BrO | 1000443-02-8 | 47 |
| 4 | 2-Nitrophenyl cinnamamide | 268 | C15H12N2O3 | 111273-37-1 | 46 |
| 5 | p-Vinylbenzohydrazide | 162 | C9H10N2O | 1000244-74-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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

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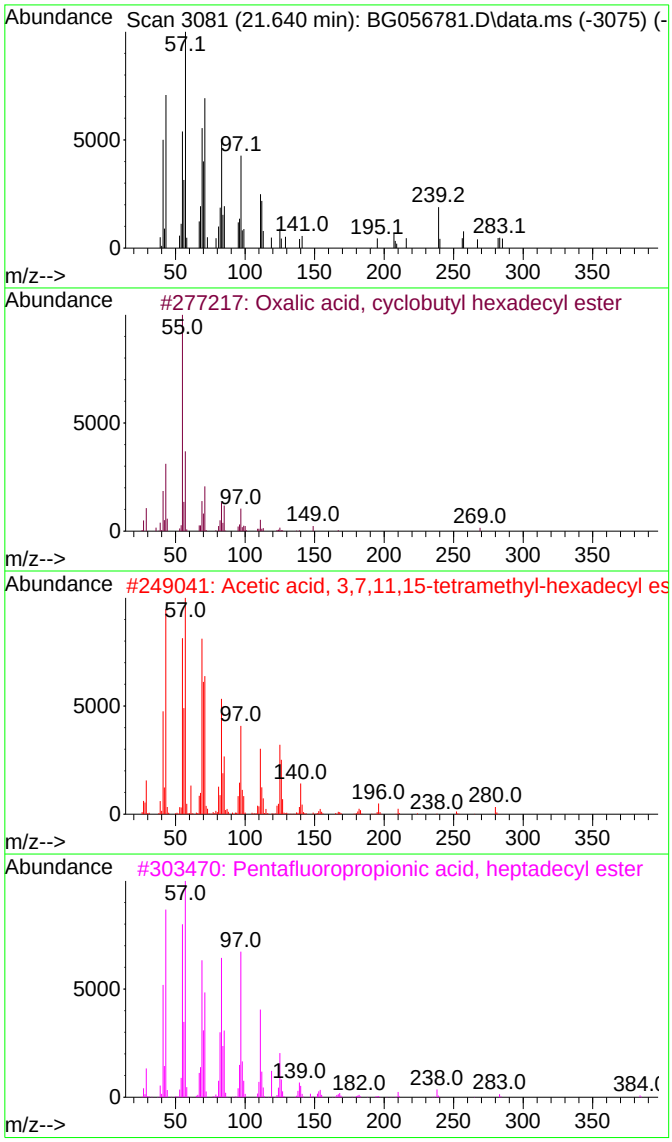
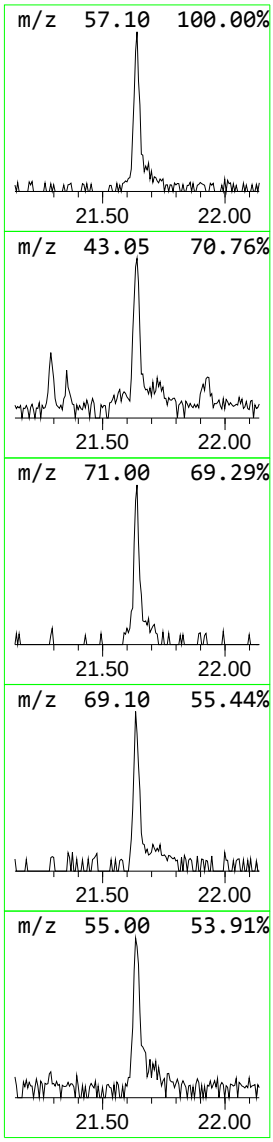
Peak Number 8 Oxalic acid, cyclobutyl hex... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.640 | 3.87 ng/ul | 61698 | Chrysene-d12 | 22.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, cyclobutyl hexadecy... | 368 | C22H40O4 | 1000309-70-6 | 64 |
| 2 | Acetic acid, 3,7,11,15-tetrameth... | 340 | C22H44O2 | 1000193-63-0 | 64 |
| 3 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 58 |
| 4 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 58 |
| 5 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030123\
Data File : BG056781.D
Acq On : 2 Mar 2023 3:26
Operator : CG/JU
Sample : 01649-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBZV3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.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 |
| (1S)-2,6,6-Trim... | 7.081 | 2.4 | ng/ul | 10934 | 1 | 8.421 | 91637 | 20.0 |
| Eucalyptol | 8.726 | 2.1 | ng/ul | 9487 | 1 | 8.421 | 91637 | 20.0 |
| 1-Heptanol, 6-m... | 11.065 | 2.3 | ng/ul | 16117 | 2 | 11.253 | 138905 | 20.0 |
| Benzophenone | 16.352 | 5.4 | ng/ul | 58478 | 3 | 15.025 | 216700 | 20.0 |
| Retene | 20.536 | 2.1 | ng/ul | 34049 | 5 | 22.063 | 318899 | 20.0 |
| Methyl dehydroa... | 21.065 | 2.7 | ng/ul | 43128 | 5 | 22.063 | 318899 | 20.0 |
| Cinnamyl cinnamate | 21.458 | 3.6 | ng/ul | 57568 | 5 | 22.063 | 318899 | 20.0 |
| Oxalic acid, cy... | 21.640 | 3.9 | ng/ul | 61698 | 5 | 22.063 | 318899 | 20.0 |