LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JREN5

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-BG042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057369.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.005 | 71 | 79 | 89 | rBV2 | 18468 | 40500 | 2.96% | 0.409% |
| 2 | 4.093 | 91 | 94 | 103 | rVV | 16593 | 29360 | 2.14% | 0.296% |
| 3 | 4.240 | 114 | 119 | 127 | rVB | 27773 | 41862 | 3.06% | 0.422% |
| 4 | 4.369 | 131 | 141 | 149 | rVV | 22140 | 56803 | 4.15% | 0.573% |
| 5 | 4.446 | 149 | 154 | 161 | rVB | 13101 | 21967 | 1.60% | 0.222% |
| 6 | 5.227 | 273 | 287 | 294 | rBV2 | 38430 | 137165 | 10.02% | 1.384% |
| 7 | 5.374 | 303 | 312 | 324 | rVV2 | 29589 | 87021 | 6.36% | 0.878% |
| 8 | 5.803 | 381 | 385 | 394 | rBV4 | 13044 | 28615 | 2.09% | 0.289% |
| 9 | 5.955 | 406 | 411 | 420 | rVB4 | 7285 | 15921 | 1.16% | 0.161% |
| 10 | 6.748 | 540 | 546 | 558 | rBV4 | 6241 | 19955 | 1.46% | 0.201% |
| 11 | 7.377 | 649 | 653 | 659 | rBV4 | 9748 | 20968 | 1.53% | 0.212% |
| 12 | 7.430 | 659 | 662 | 669 | rVV4 | 5148 | 13329 | 0.97% | 0.134% |
| 13 | 7.506 | 669 | 675 | 684 | rVV | 27133 | 54381 | 3.97% | 0.549% |
| 14 | 7.671 | 697 | 703 | 711 | rBV | 57273 | 95119 | 6.95% | 0.960% |
| 15 | 7.894 | 733 | 741 | 754 | rBV | 70223 | 130637 | 9.54% | 1.318% |
| 16 | 8.005 | 754 | 760 | 765 | rBV | 5498 | 9053 | 0.66% | 0.091% |
| 17 | 8.317 | 807 | 813 | 816 | rBV4 | 5678 | 11369 | 0.83% | 0.115% |
| 18 | 8.364 | 816 | 821 | 828 | rVV | 59133 | 103503 | 7.56% | 1.044% |
| 19 | 8.640 | 859 | 868 | 876 | rVV3 | 10070 | 21996 | 1.61% | 0.222% |
| 20 | 9.010 | 923 | 931 | 935 | rVV5 | 2787 | 9335 | 0.68% | 0.094% |
| 21 | 9.069 | 935 | 941 | 949 | rVV2 | 66232 | 129280 | 9.44% | 1.304% |
| 22 | 9.139 | 949 | 953 | 958 | rVV7 | 6237 | 13973 | 1.02% | 0.141% |
| 23 | 9.474 | 1005 | 1010 | 1015 | rVB4 | 4514 | 6880 | 0.50% | 0.069% |
| 24 | 9.545 | 1015 | 1022 | 1028 | rBV2 | 74711 | 137767 | 10.06% | 1.390% |
| 25 | 9.815 | 1039 | 1068 | 1078 | rBV | 241045 | 1368872 | 100.00% | 13.812% |
| 26 | 10.067 | 1105 | 1111 | 1124 | rVV2 | 44761 | 81928 | 5.99% | 0.827% |
| 27 | 10.273 | 1138 | 1146 | 1154 | rVB | 69027 | 126193 | 9.22% | 1.273% |
| 28 | 10.608 | 1198 | 1203 | 1209 | rVB7 | 3245 | 7906 | 0.58% | 0.080% |
| 29 | 10.819 | 1232 | 1239 | 1246 | rBV2 | 109241 | 207325 | 15.15% | 2.092% |
| 30 | 10.878 | 1246 | 1249 | 1257 | rVB5 | 10301 | 15546 | 1.14% | 0.157% |
| 31 | 11.207 | 1297 | 1305 | 1312 | rBV | 84359 | 152831 | 11.16% | 1.542% |
| 32 | 11.336 | 1319 | 1327 | 1333 | rBV | 75812 | 145489 | 10.63% | 1.468% |
| 33 | 11.483 | 1347 | 1352 | 1360 | rBV3 | 26074 | 61458 | 4.49% | 0.620% |
| 34 | 11.630 | 1369 | 1377 | 1386 | rBV5 | 34520 | 93433 | 6.83% | 0.943% |
| 35 | 11.789 | 1393 | 1404 | 1423 | rBV | 103483 | 335627 | 24.52% | 3.386% |
| 36 | 11.924 | 1423 | 1427 | 1430 | rVV6 | 5985 | 10997 | 0.80% | 0.111% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JREN5

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-BG042823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.982 | 1434 | 1437 | 1442 | rVV4 | 9181 | 18477 | 1.35% | 0.186% |
| 38 | 12.065 | 1442 | 1451 | 1458 | rVV2 | 56330 | 181937 | 13.29% | 1.836% |
| 39 | 12.135 | 1460 | 1463 | 1467 | rVV | 25243 | 48900 | 3.57% | 0.493% |
| 40 | 12.182 | 1467 | 1471 | 1486 | rVB5 | 35093 | 90228 | 6.59% | 0.910% |
| 41 | 12.558 | 1531 | 1535 | 1540 | rBV3 | 9360 | 16541 | 1.21% | 0.167% |
| 42 | 12.599 | 1540 | 1542 | 1546 | rVV2 | 6852 | 10215 | 0.75% | 0.103% |
| 43 | 12.664 | 1547 | 1553 | 1559 | rVB6 | 12249 | 25966 | 1.90% | 0.262% |
| 44 | 12.834 | 1573 | 1582 | 1584 | rBV6 | 12573 | 27424 | 2.00% | 0.277% |
| 45 | 12.981 | 1604 | 1607 | 1615 | rBV2 | 13019 | 23675 | 1.73% | 0.239% |
| 46 | 13.104 | 1623 | 1628 | 1634 | rVB7 | 6212 | 11850 | 0.87% | 0.120% |
| 47 | 13.416 | 1675 | 1681 | 1686 | rBV3 | 13442 | 33490 | 2.45% | 0.338% |
| 48 | 13.492 | 1691 | 1694 | 1699 | rVB3 | 7945 | 11731 | 0.86% | 0.118% |
| 49 | 13.845 | 1748 | 1754 | 1761 | rVB3 | 28432 | 49727 | 3.63% | 0.502% |
| 50 | 13.950 | 1766 | 1772 | 1777 | rBV6 | 5298 | 9586 | 0.70% | 0.097% |
| 51 | 14.115 | 1796 | 1800 | 1803 | rBV6 | 6952 | 11254 | 0.82% | 0.114% |
| 52 | 14.156 | 1803 | 1807 | 1815 | rVV7 | 7672 | 16158 | 1.18% | 0.163% |
| 53 | 14.367 | 1832 | 1843 | 1849 | rBV | 225100 | 333461 | 24.36% | 3.365% |
| 54 | 14.620 | 1880 | 1886 | 1890 | rBV7 | 5699 | 11072 | 0.81% | 0.112% |
| 55 | 14.679 | 1890 | 1896 | 1905 | rVB | 242949 | 389332 | 28.44% | 3.928% |
| 56 | 14.784 | 1905 | 1914 | 1926 | rBV4 | 29014 | 70131 | 5.12% | 0.708% |
| 57 | 14.890 | 1928 | 1932 | 1938 | rVV6 | 4342 | 8309 | 0.61% | 0.084% |
| 58 | 14.984 | 1942 | 1948 | 1954 | rVB | 147506 | 238291 | 17.41% | 2.404% |
| 59 | 15.049 | 1954 | 1959 | 1964 | rBV | 10722 | 16302 | 1.19% | 0.164% |
| 60 | 15.184 | 1974 | 1982 | 1989 | rVV4 | 24469 | 53971 | 3.94% | 0.545% |
| 61 | 15.284 | 1993 | 1999 | 2004 | rBV8 | 6485 | 14457 | 1.06% | 0.146% |
| 62 | 15.478 | 2028 | 2032 | 2046 | rVB | 30480 | 61996 | 4.53% | 0.626% |
| 63 | 15.689 | 2063 | 2068 | 2076 | rVB3 | 32329 | 55274 | 4.04% | 0.558% |
| 64 | 15.766 | 2076 | 2081 | 2086 | rBV4 | 5362 | 10775 | 0.79% | 0.109% |
| 65 | 15.965 | 2109 | 2115 | 2129 | rVB | 322136 | 502119 | 36.68% | 5.066% |
| 66 | 16.083 | 2129 | 2135 | 2149 | rBV | 126081 | 229251 | 16.75% | 2.313% |
| 67 | 16.177 | 2149 | 2151 | 2156 | rVB4 | 5554 | 6917 | 0.51% | 0.070% |
| 68 | 16.318 | 2168 | 2175 | 2180 | rBV | 106708 | 154775 | 11.31% | 1.562% |
| 69 | 16.647 | 2226 | 2231 | 2237 | rBV5 | 9819 | 15465 | 1.13% | 0.156% |
| 70 | 17.175 | 2316 | 2321 | 2333 | rBV | 68450 | 137317 | 10.03% | 1.386% |
| 71 | 17.404 | 2353 | 2360 | 2361 | rVV6 | 4989 | 8816 | 0.64% | 0.089% |
| 72 | 17.434 | 2361 | 2365 | 2370 | rVB3 | 18473 | 29937 | 2.19% | 0.302% |
| 73 | 17.498 | 2371 | 2376 | 2380 | rBV2 | 21079 | 36593 | 2.67% | 0.369% |
| 74 | 17.534 | 2380 | 2382 | 2392 | rVB3 | 13790 | 25741 | 1.88% | 0.260% |
| 75 | 17.722 | 2408 | 2414 | 2423 | rVB | 204705 | 308099 | 22.51% | 3.109% |
| 76 | 17.822 | 2424 | 2431 | 2438 | rBV | 354467 | 530289 | 38.74% | 5.351% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

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-BG042823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.010 | 2461 | 2463 | 2467 | rVB3 | 5107 | 6999 | 0.51% | 0.071% |
| 78 | 18.350 | 2518 | 2521 | 2524 | rVB3 | 6763 | 6723 | 0.49% | 0.068% |
| 79 | 18.403 | 2527 | 2530 | 2536 | rBV5 | 6137 | 9890 | 0.72% | 0.100% |
| 80 | 18.562 | 2552 | 2557 | 2564 | rBV2 | 43123 | 72352 | 5.29% | 0.730% |
| 81 | 18.709 | 2578 | 2582 | 2587 | rBV4 | 15037 | 22987 | 1.68% | 0.232% |
| 82 | 18.785 | 2591 | 2595 | 2600 | rVB4 | 6594 | 10661 | 0.78% | 0.108% |
| 83 | 18.855 | 2603 | 2607 | 2614 | rVB9 | 10684 | 19182 | 1.40% | 0.194% |
| 84 | 18.967 | 2622 | 2626 | 2630 | rBV5 | 9745 | 10546 | 0.77% | 0.106% |
| 85 | 19.361 | 2690 | 2693 | 2695 | rBV4 | 8177 | 9858 | 0.72% | 0.099% |
| 86 | 19.654 | 2738 | 2743 | 2744 | rBV4 | 9329 | 10571 | 0.77% | 0.107% |
| 87 | 19.701 | 2748 | 2751 | 2752 | rVV3 | 8893 | 8605 | 0.63% | 0.087% |
| 88 | 19.742 | 2754 | 2758 | 2762 | rVB2 | 28122 | 38108 | 2.78% | 0.385% |
| 89 | 19.813 | 2768 | 2770 | 2774 | rVB4 | 7883 | 9128 | 0.67% | 0.092% |
| 90 | 19.878 | 2779 | 2781 | 2788 | rVB8 | 5011 | 8477 | 0.62% | 0.086% |
| 91 | 20.089 | 2810 | 2817 | 2824 | rVV | 436569 | 632235 | 46.19% | 6.379% |
| 92 | 20.829 | 2940 | 2943 | 2948 | rBV7 | 6180 | 8502 | 0.62% | 0.086% |
| 93 | 21.058 | 2979 | 2982 | 2986 | rVB7 | 7180 | 7985 | 0.58% | 0.081% |
| 94 | 21.599 | 3069 | 3074 | 3076 | rBV6 | 20259 | 36666 | 2.68% | 0.370% |
| 95 | 22.034 | 3141 | 3148 | 3155 | rVB2 | 183541 | 327038 | 23.89% | 3.300% |
| 96 | 22.163 | 3168 | 3170 | 3174 | rVB5 | 7135 | 7592 | 0.55% | 0.077% |
| 97 | 23.561 | 3404 | 3408 | 3412 | rVB7 | 7833 | 13495 | 0.99% | 0.136% |
| 98 | 23.772 | 3438 | 3444 | 3452 | rVB2 | 20259 | 43463 | 3.18% | 0.439% |
| 99 | 25.300 | 3693 | 3704 | 3715 | rBV2 | 205030 | 595712 | 43.52% | 6.011% |
| 100 | 25.546 | 3736 | 3746 | 3757 | rVB3 | 101222 | 313747 | 22.92% | 3.166% |

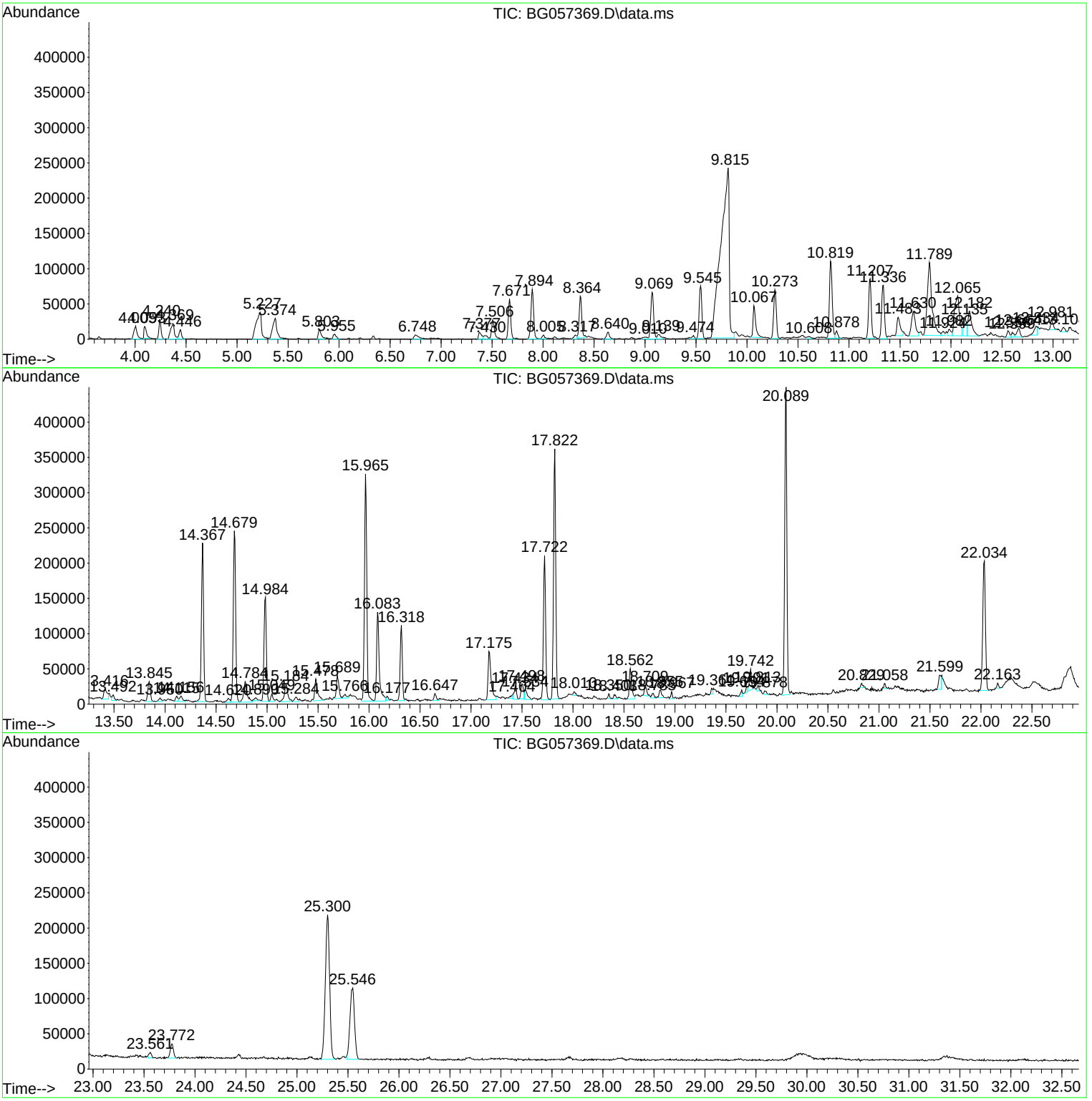
Sum of corrected areas: 9910735

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.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\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

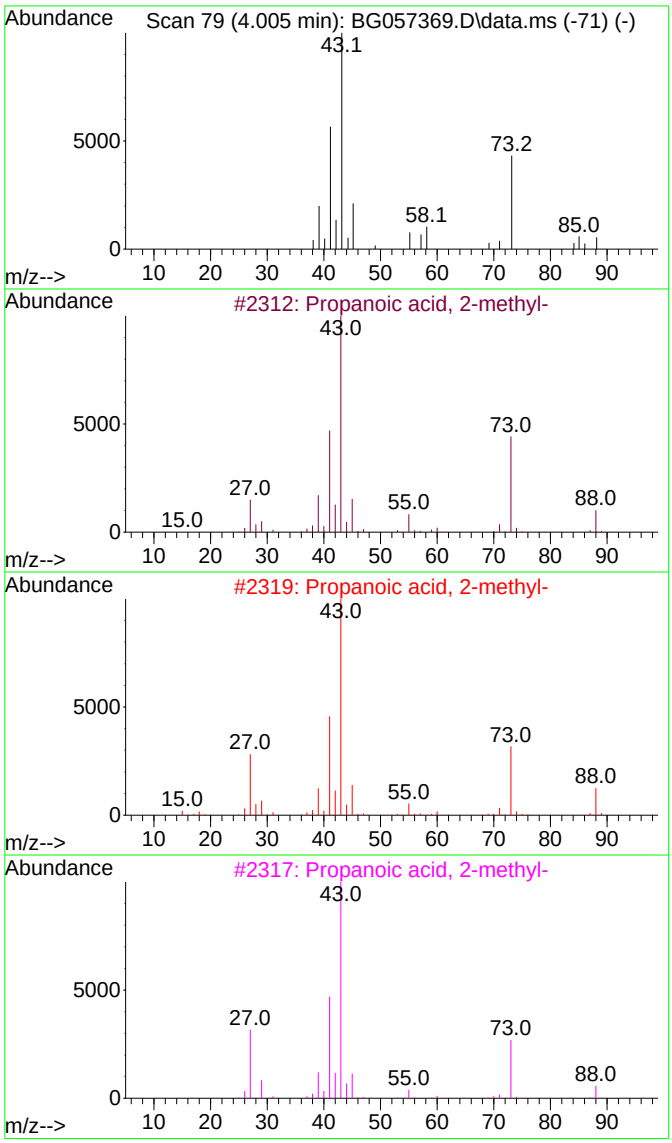
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

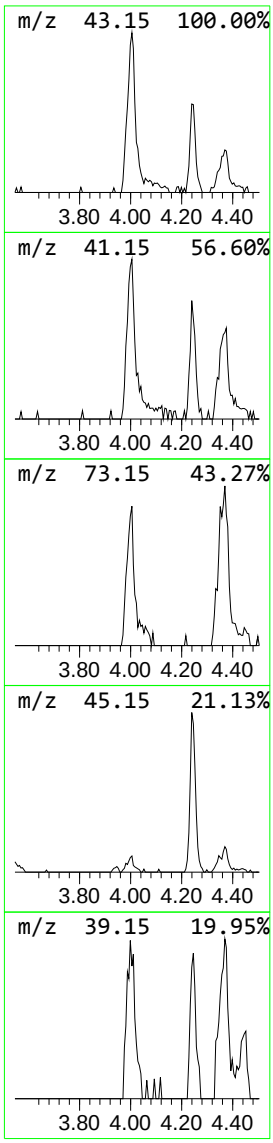
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.005 | 7.83 ng/ul | 40500 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 59 |
| 2 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 47 |
| 3 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 47 |
| 4 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 37 |
| 5 | sec-Butyl nitrite | 103 | C4H9NO2 | 000924-43-6 | 36 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

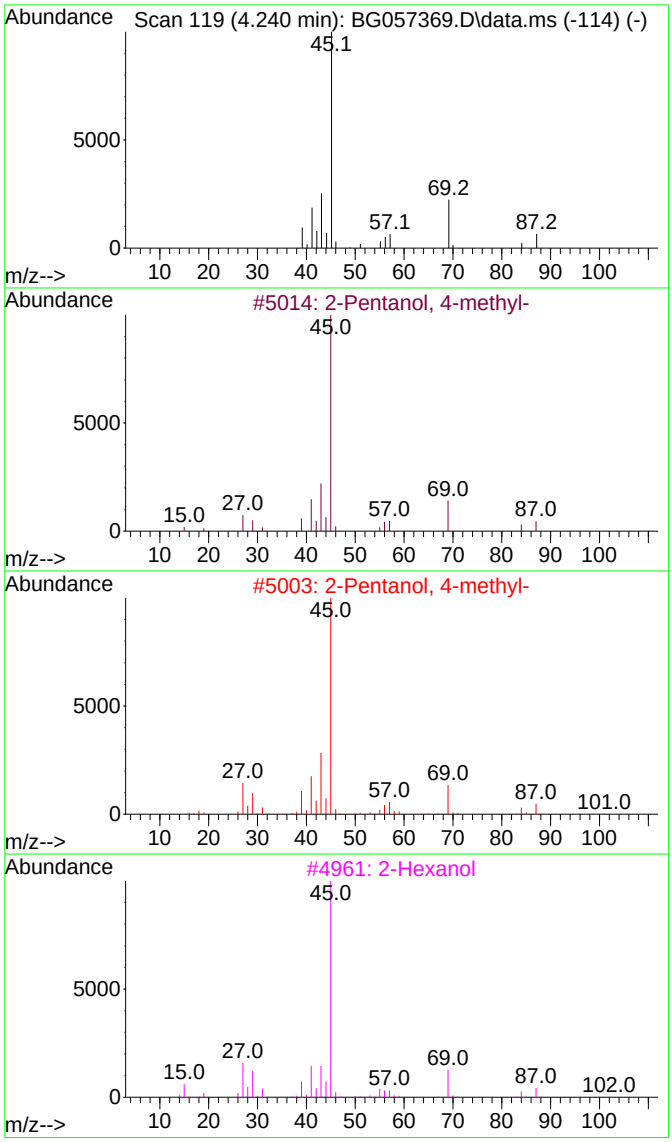
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

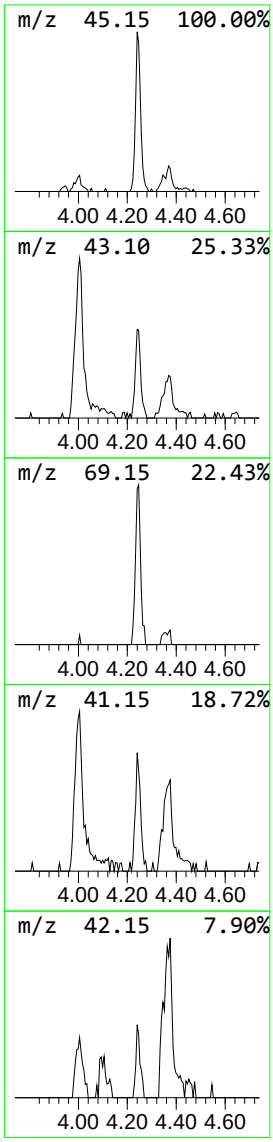
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.240 | 8.09 ng/ul | 41862 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 83 |
| 2 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 83 |
| 3 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 78 |
| 4 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 74 |
| 5 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

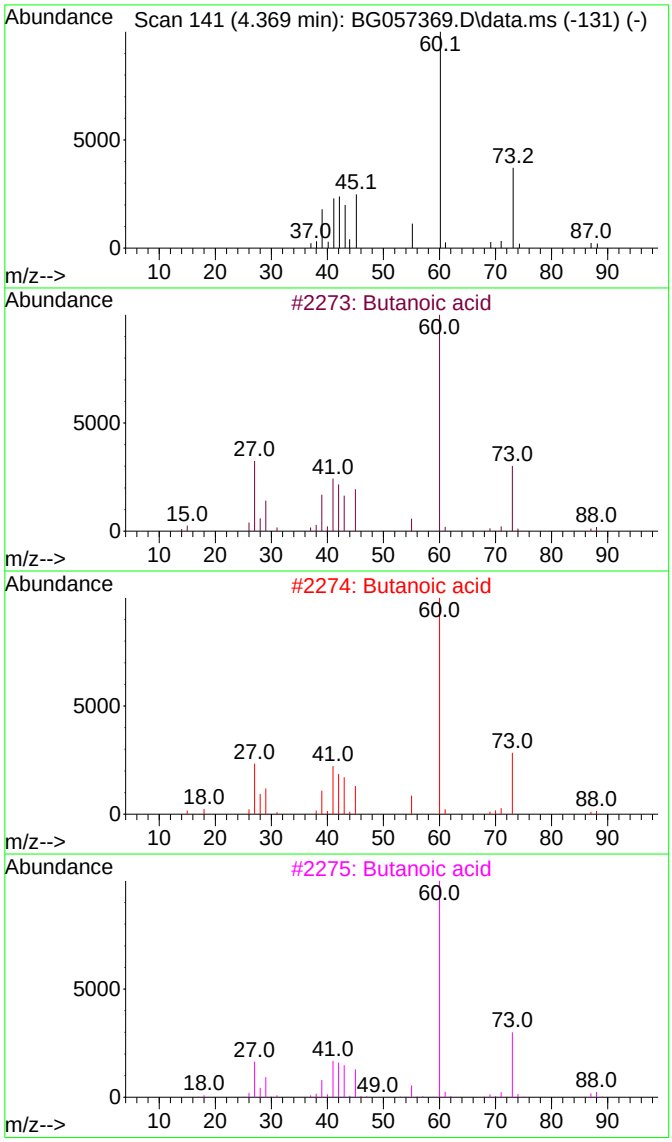
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

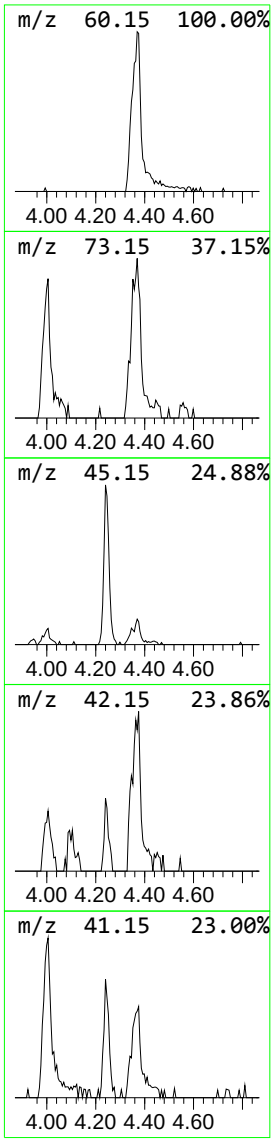
**********

Peak Number 3 Butanoic acid Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.369 | 10.98 ng/ul | 56803 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 91 |
| 2 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 80 |
| 3 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 72 |
| 4 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 64 |
| 5 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

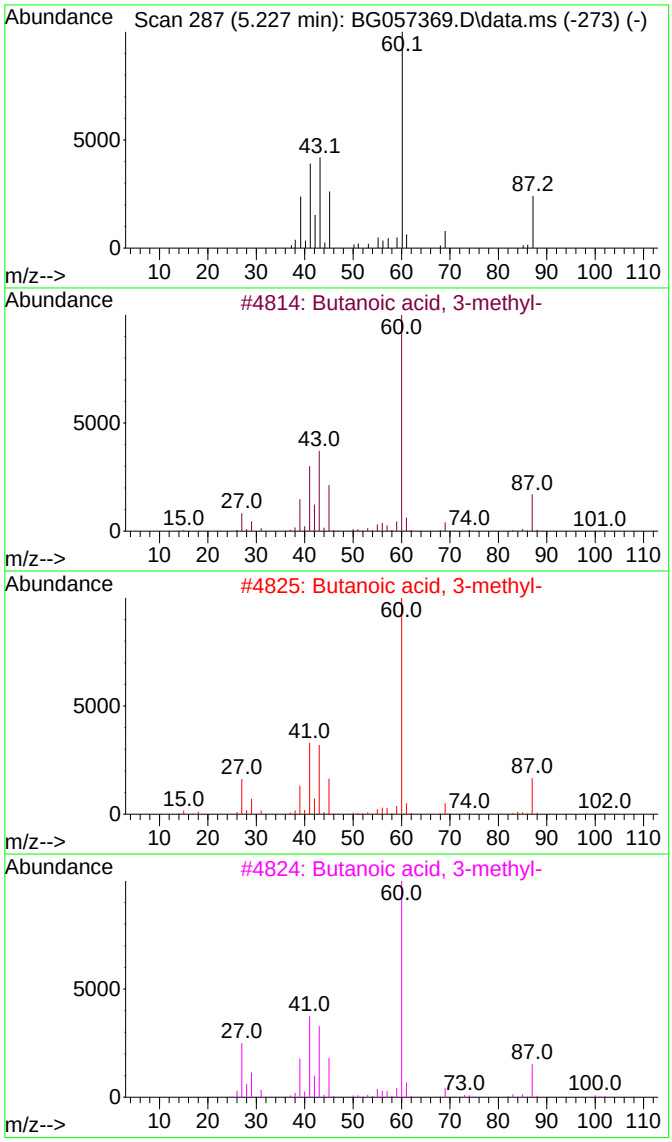
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

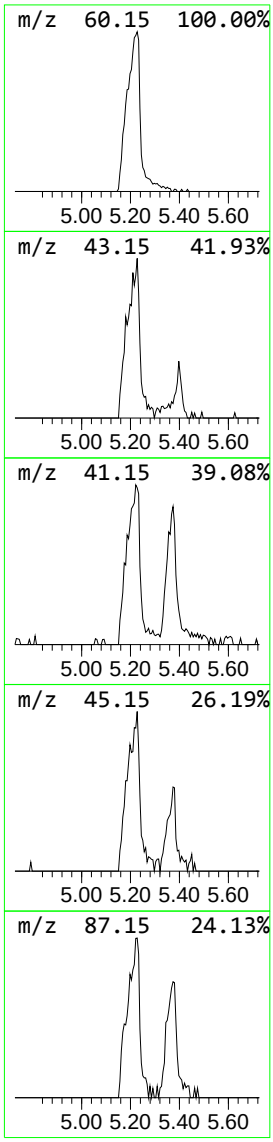
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Butanoic acid, 3-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.227 | 26.50 ng/ul | 137165 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 83 |
| 2 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 78 |
| 3 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 72 |
| 4 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 72 |
| 5 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

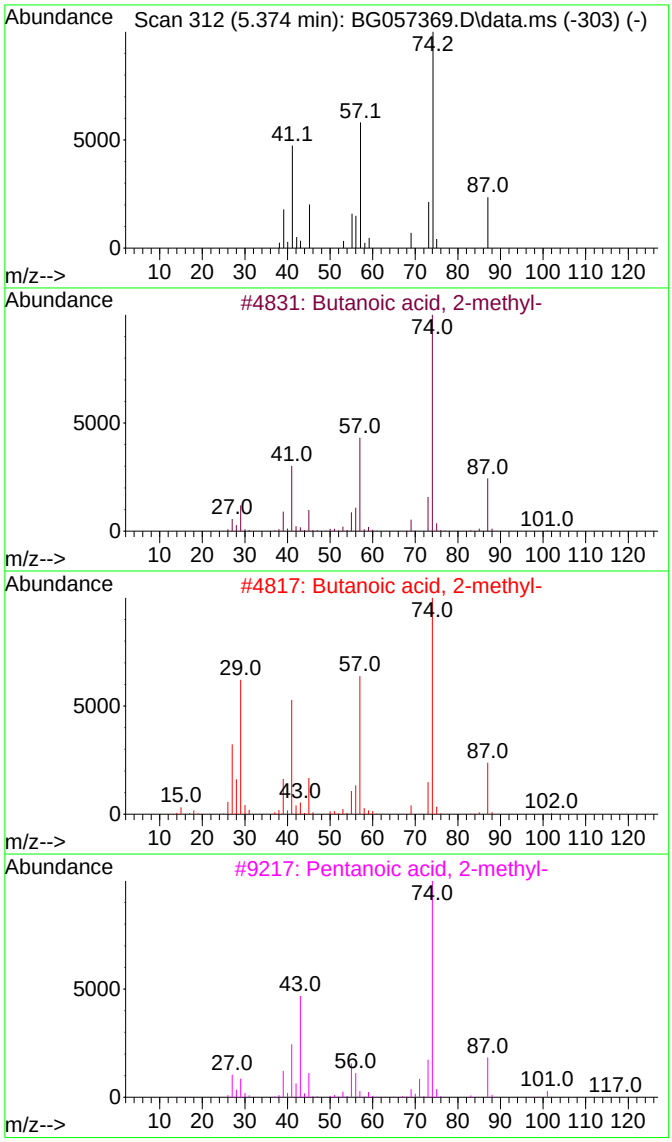
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

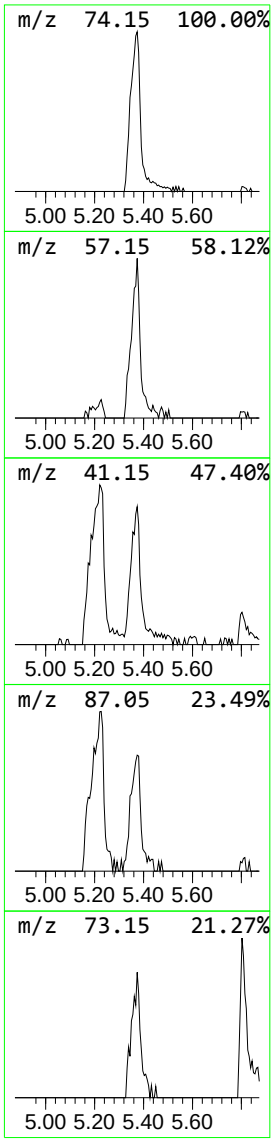
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Butanoic acid, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.374 | 16.82 ng/ul | 87021 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 83 |
| 2 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 78 |
| 3 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 72 |
| 4 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 72 |
| 5 | Hexanoic acid, 2-methyl- | 130 | C7H14O2 | 004536-23-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

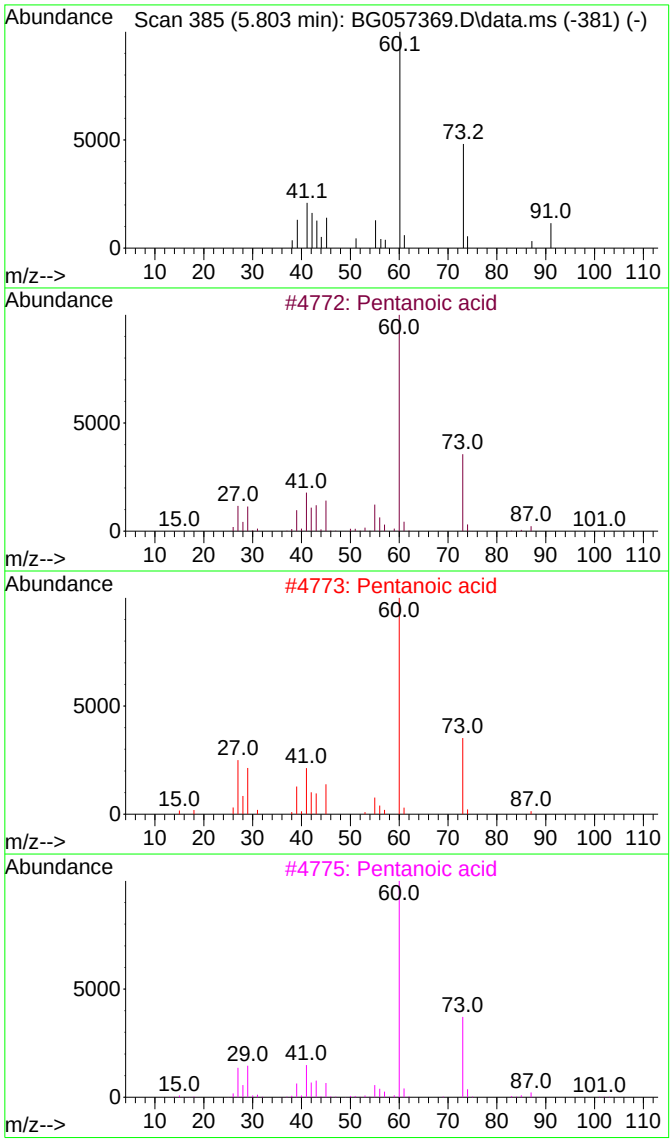
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

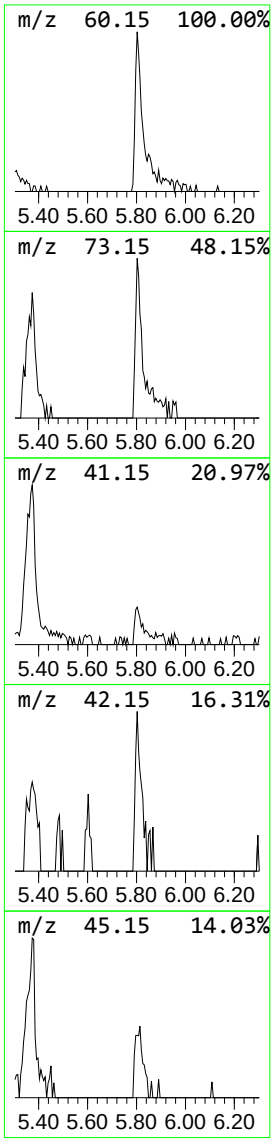
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Pentanoic acid Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.803 | 5.53 ng/ul | 28615 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 78 |
| 2 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 78 |
| 3 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 78 |
| 4 | Propanedioic acid, propyl- | 146 | C6H10O4 | 000616-62-6 | 64 |
| 5 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 50 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

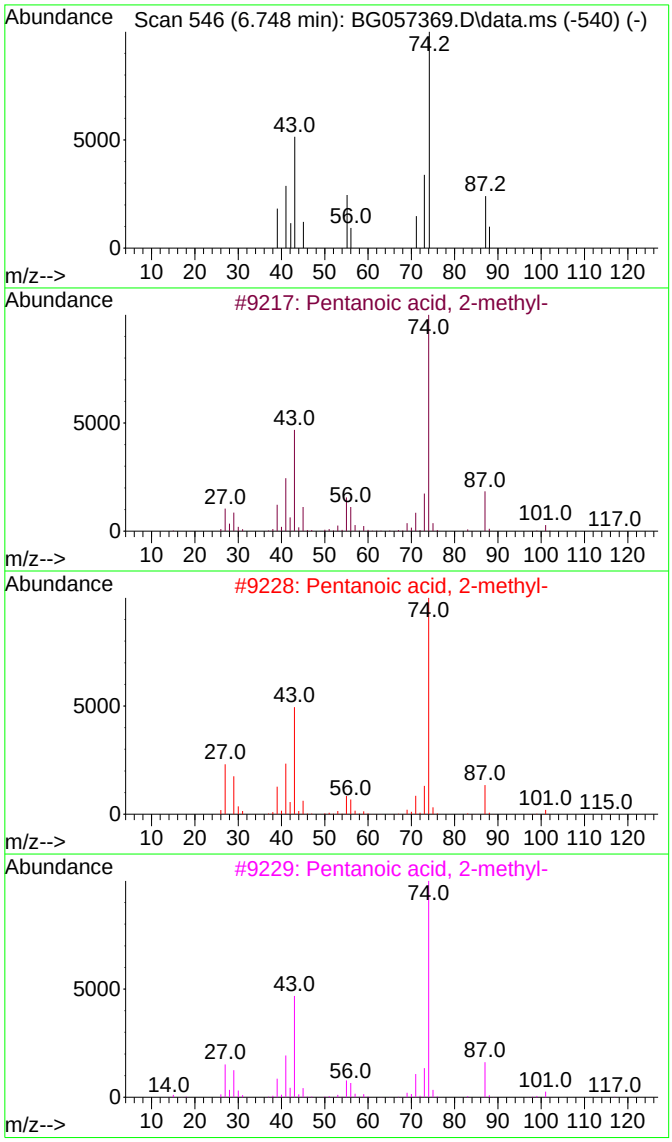
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

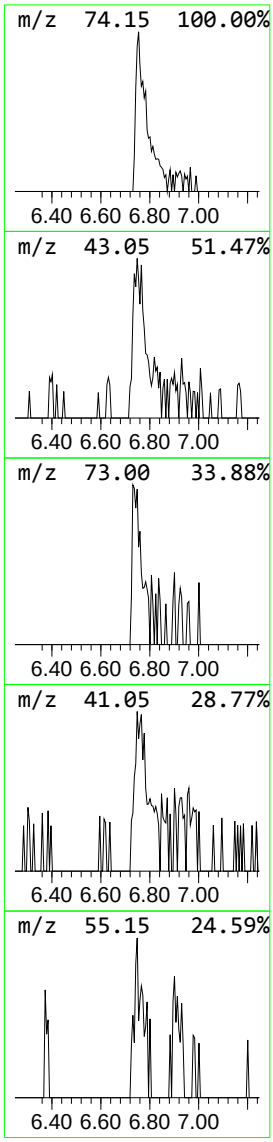
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Pentanoic acid, 2-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.748 | 3.86 ng/ul | 19955 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 50 |
| 2 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 39 |
| 3 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 39 |
| 4 | 2,4-Dimethylpentanoic acid | 130 | C7H14O2 | 005868-33-7 | 33 |
| 5 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 18 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

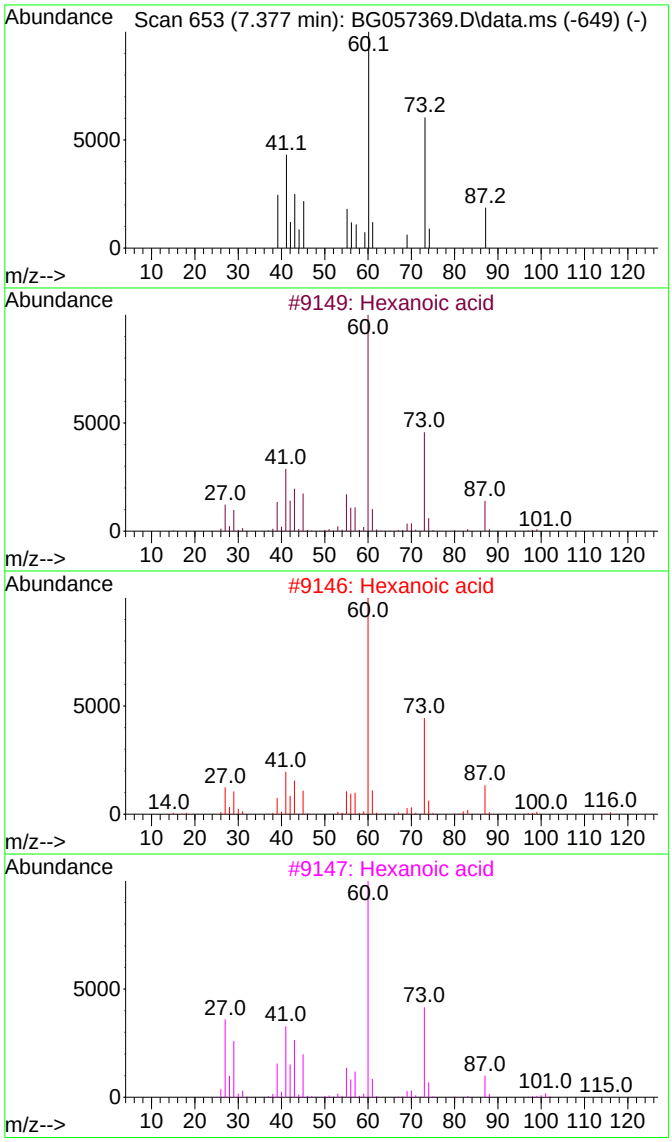
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

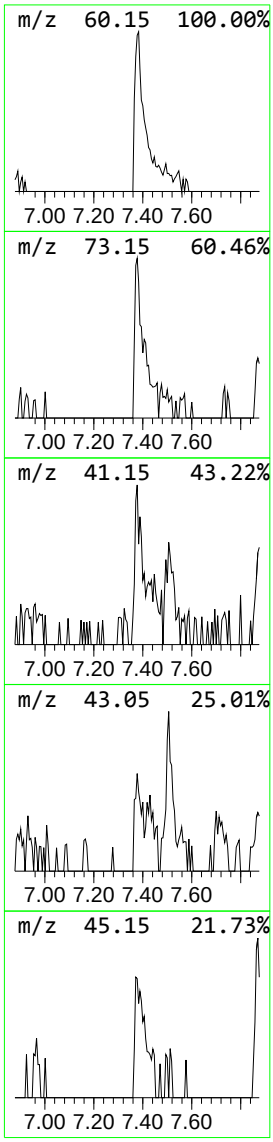
**********

Peak Number 10 Hexanoic acid Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.377 | 4.05 ng/ul | 20968 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 83 |
| 2 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 78 |
| 3 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 78 |
| 4 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 78 |
| 5 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

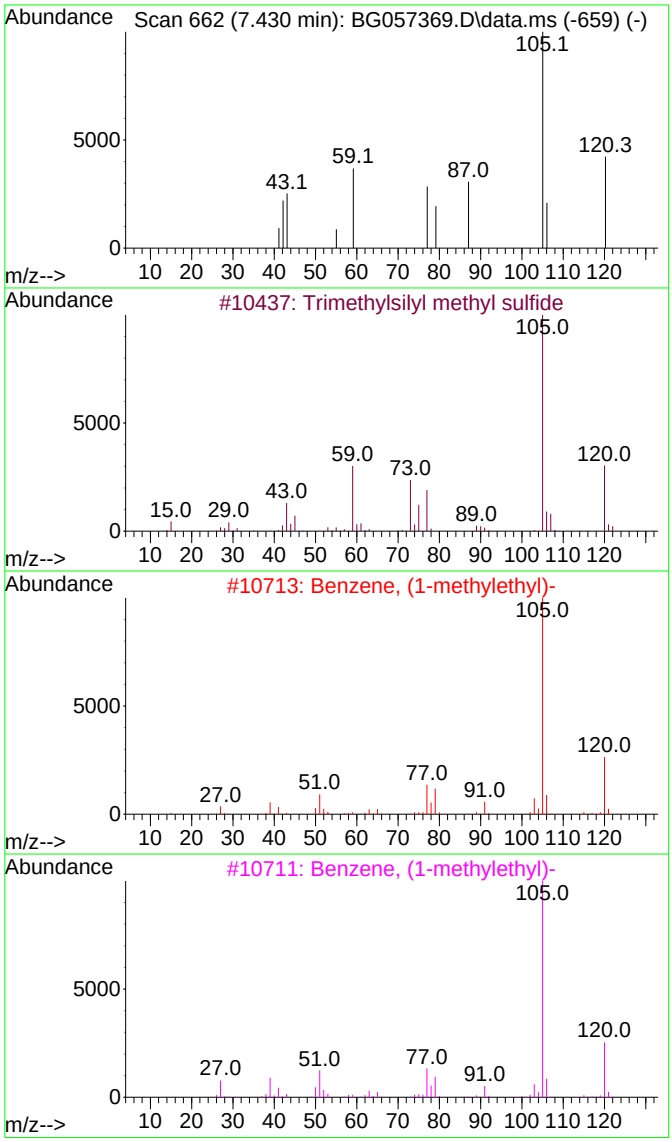
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

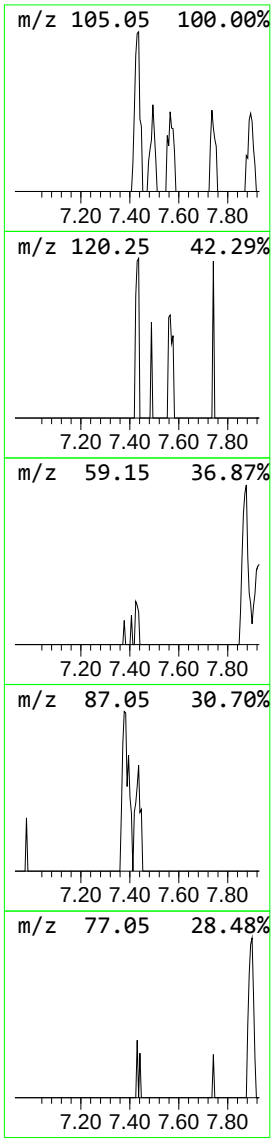
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 unknown-01 Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.430 | 2.58 ng/ul | 13329 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trimethylsilyl methyl sulfide | 120 | C4H12SSi | 003908-55-2 | 40 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 9 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 9 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 7 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 7 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

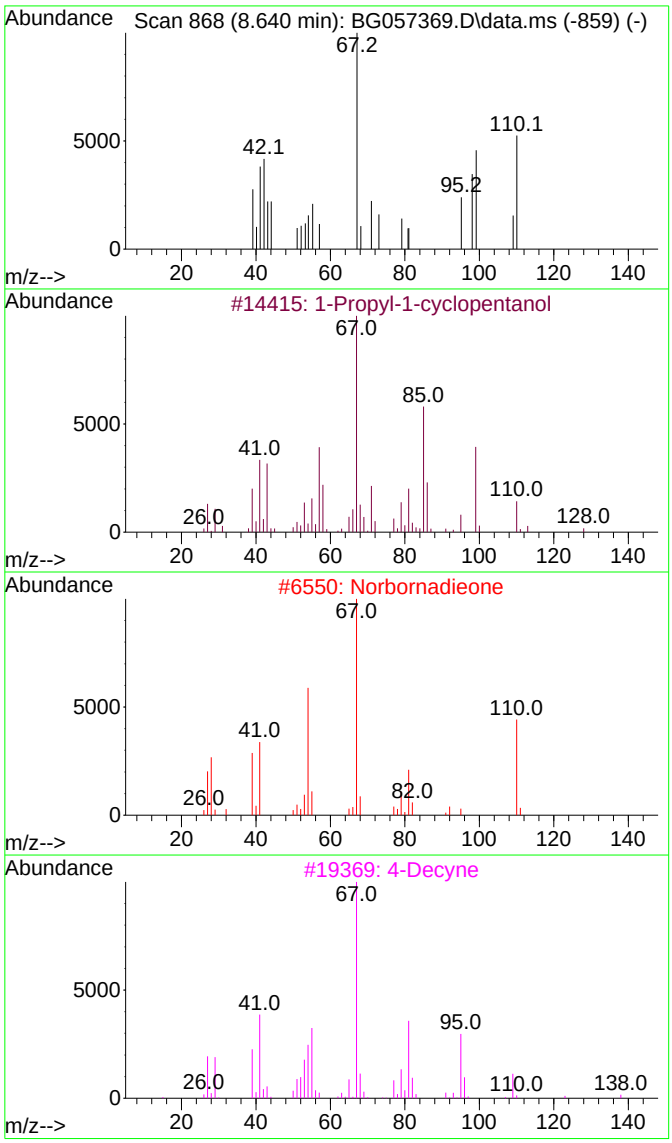
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

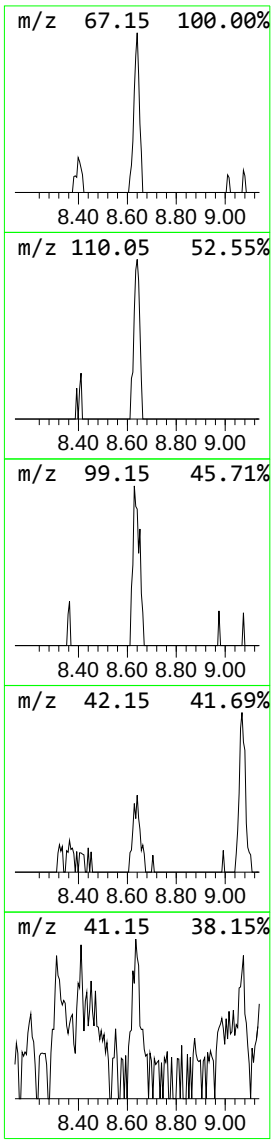
**********

Peak Number 12 unknown-02 Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.640 | 4.25 ng/ul | 21996 | 1,4-Dichlorobenzene-d4 | 8.364 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Propyl-1-cyclopentanol | 128 | C8H16O | 001604-02-0 | 32 |
| 2 | Norbornadieone | 110 | C7H10O | 010218-02-7 | 27 |
| 3 | 4-Decyne | 138 | C10H18 | 002384-86-3 | 12 |
| 4 | 4-Decyne | 138 | C10H18 | 002384-86-3 | 10 |
| 5 | 2-Piperidinone | 99 | C5H9NO | 000675-20-7 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

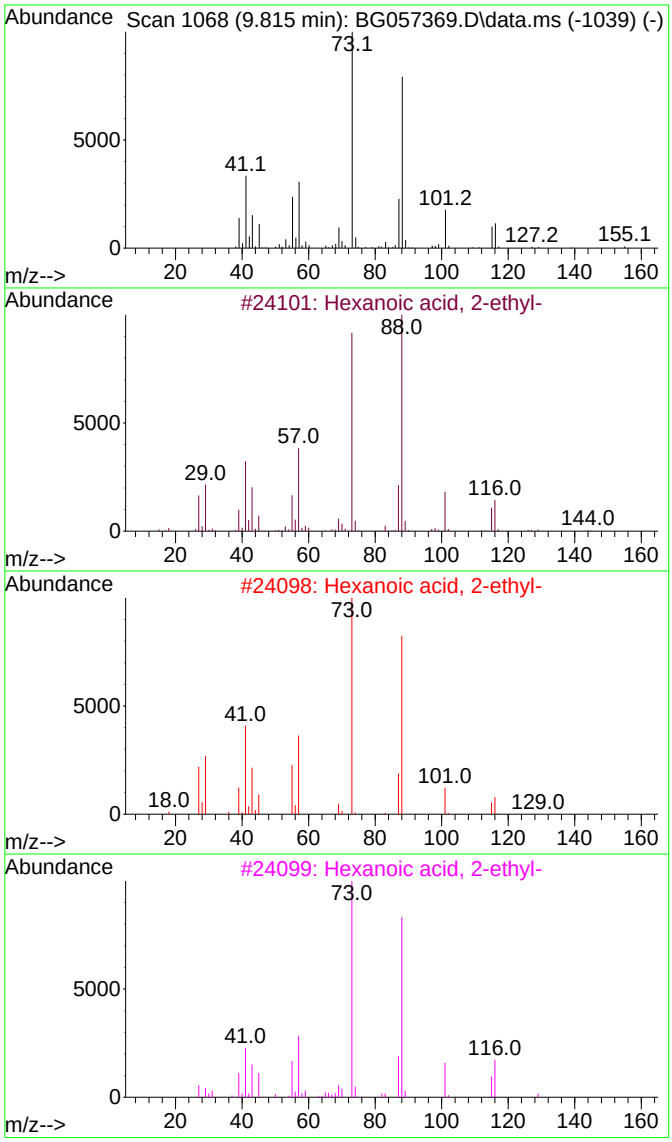
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

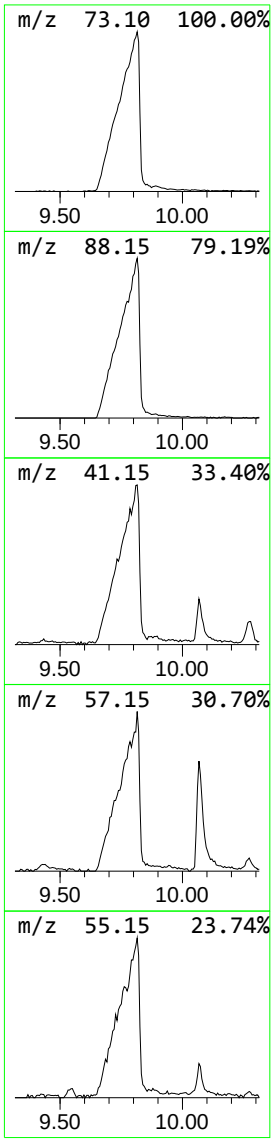
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Hexanoic acid, 2-ethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.815 | 179.13 ng/ul | 1368870 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 86 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78 |
| 3 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78 |
| 4 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78 |
| 5 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

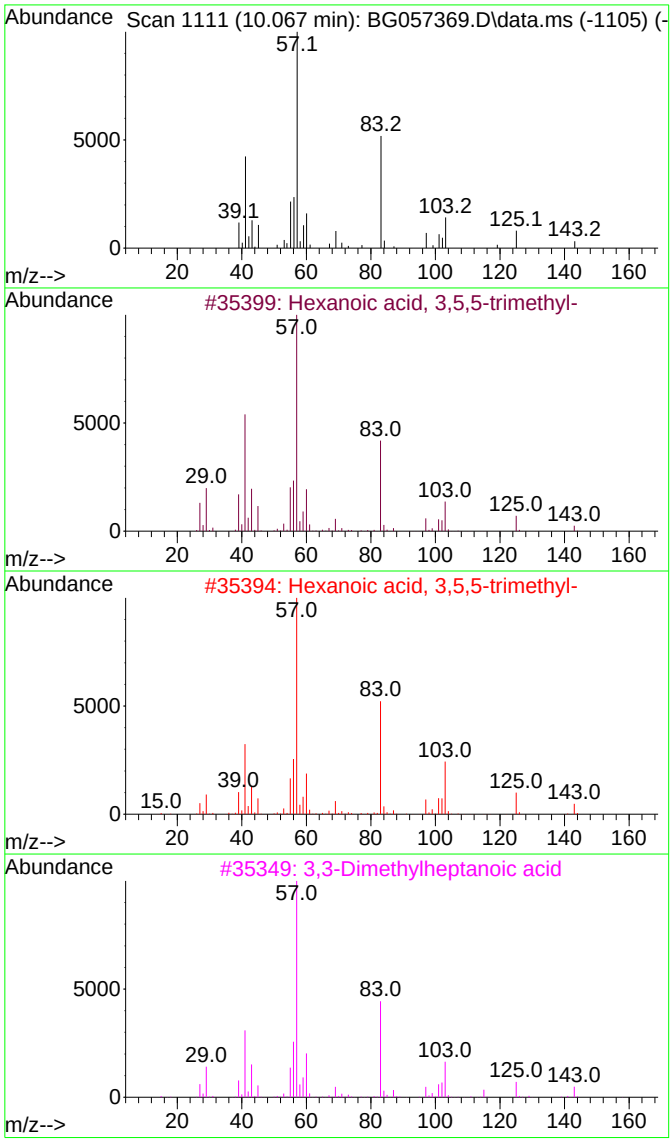
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

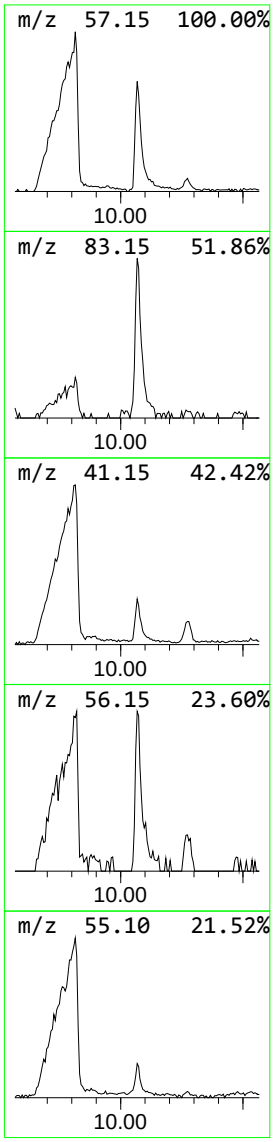
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Hexanoic acid, 3,5,5-trimet... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.067 | 10.72 ng/ul | 81928 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 90 |
| 2 | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 72 |
| 3 | 3,3-Dimethylheptanoic acid | 158 | C9H18O2 | 067061-30-7 | 59 |
| 4 | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 53 |
| 5 | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

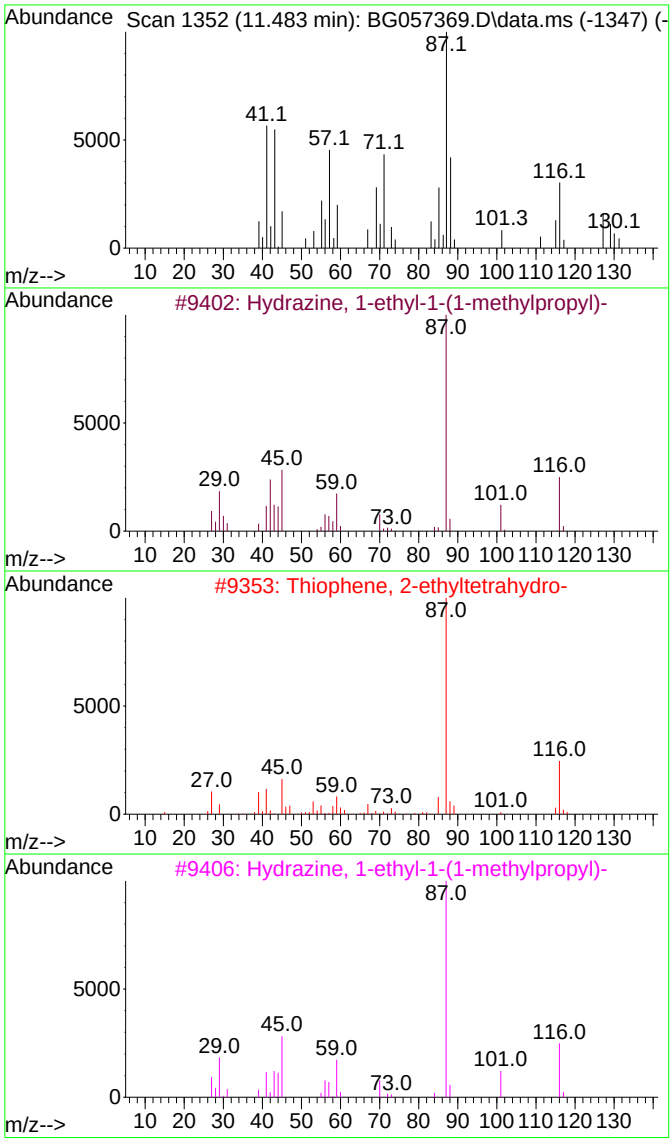
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

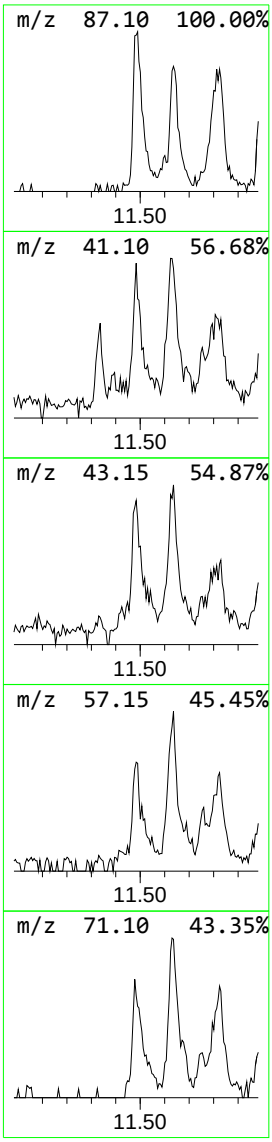
**********

Peak Number 16 unknown-03 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.483 | 8.04 ng/ul | 61458 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2 | 020325-97-7 | 38 |
| 2 | Thiophene, 2-ethyltetrahydro- | 116 | C6H12S | 001551-32-2 | 35 |
| 3 | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2 | 020325-97-7 | 35 |
| 4 | 2-[2-[2-(2-Butoxyethoxy)ethoxy]e... | 292 | C14H28O6 | 1000351-93-9 | 35 |
| 5 | Thiophene, 2-ethyltetrahydro- | 116 | C6H12S | 001551-32-2 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

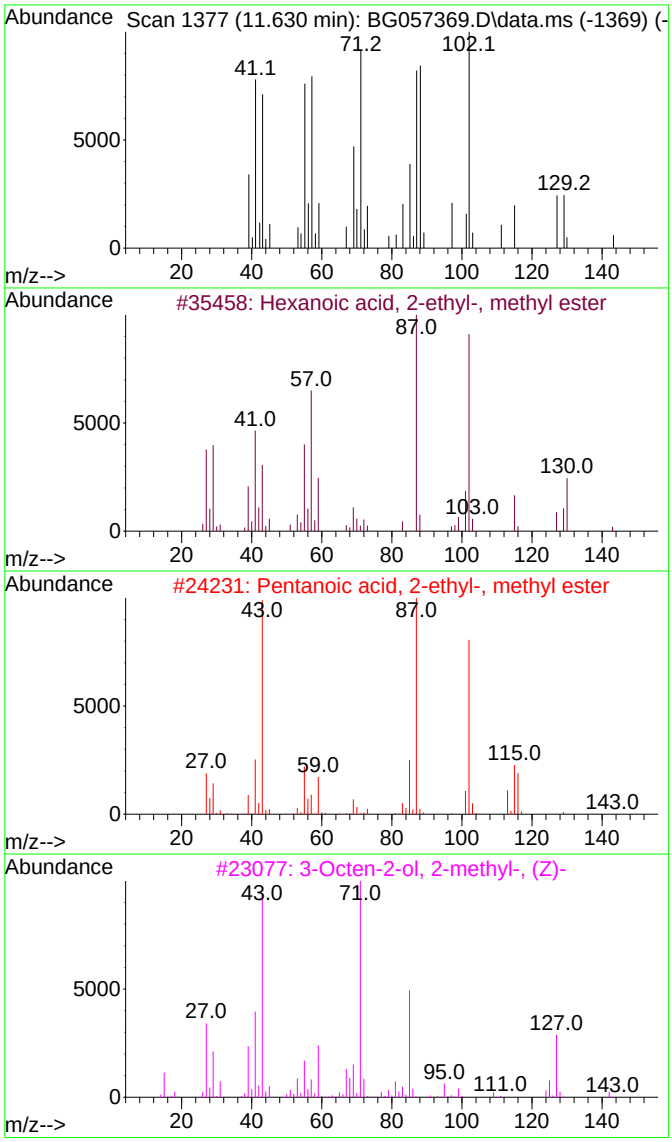
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

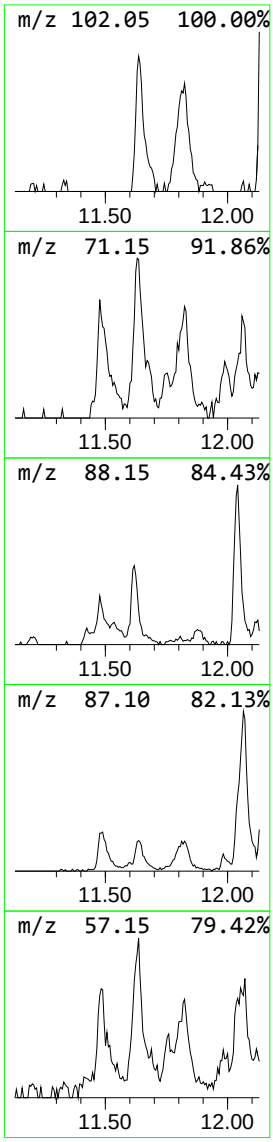
**********

Peak Number 17 unknown-04 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.630 | 12.23 ng/ul | 93433 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl-, methyl ... | 158 | C9H18O2 | 000816-19-3 | 27 |
| 2 | Pentanoic acid, 2-ethyl-, methyl... | 144 | C8H16O2 | 000816-16-0 | 27 |
| 3 | 3-Octen-2-ol, 2-methyl-, (Z)- | 142 | C9H18O | 018521-07-8 | 22 |
| 4 | Butanoic acid, 2-methyl-, methyl... | 116 | C6H12O2 | 000868-57-5 | 14 |
| 5 | Butanoic acid, 3-methyl-, ethyl ... | 130 | C7H14O2 | 000108-64-5 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

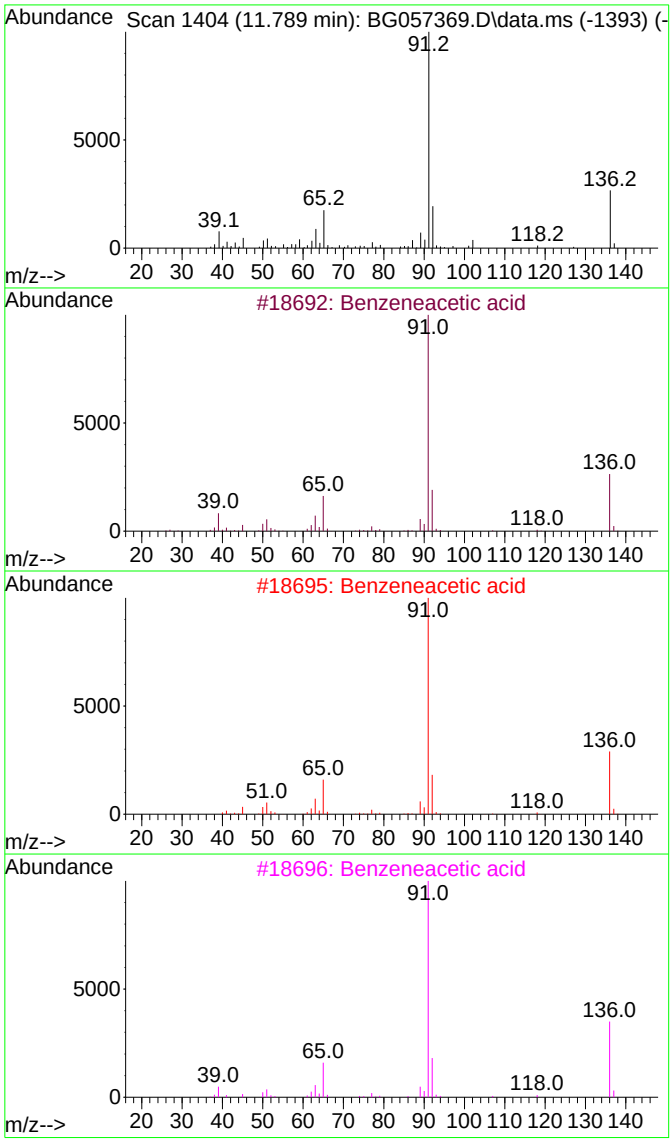
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

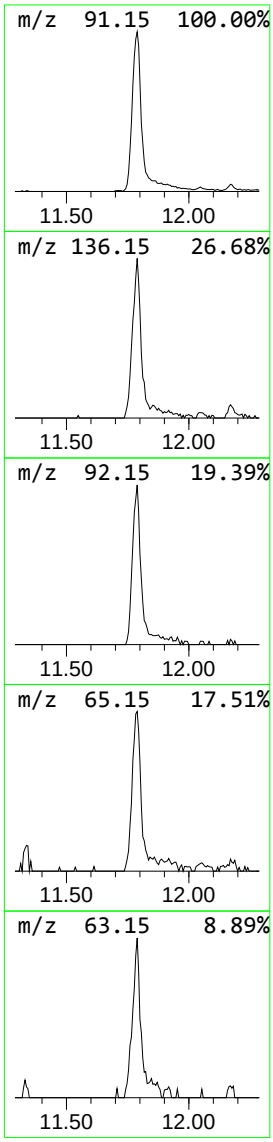
**********

Peak Number 18 Benzeneacetic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.789 | 43.92 ng/ul | 335627 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 94 |
| 2 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 93 |
| 3 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 87 |
| 4 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 83 |
| 5 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

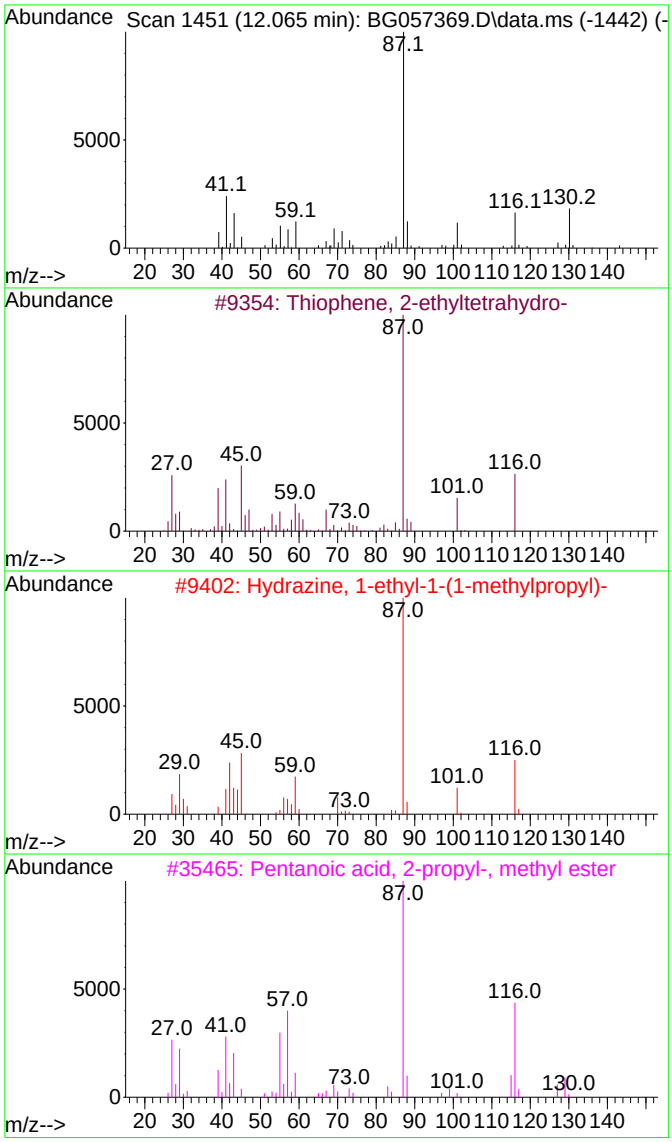
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

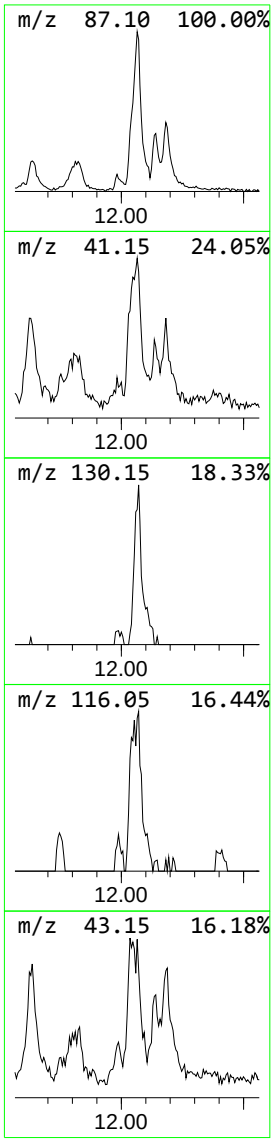
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Thiophene, 2-ethyltetrahydro- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.065 | 23.81 ng/ul | 181937 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, 2-ethyltetrahydro- | 116 | C6H12S | 001551-32-2 | 64 |
| 2 | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2 | 020325-97-7 | 59 |
| 3 | Pentanoic acid, 2-propyl-, methy... | 158 | C9H18O2 | 022632-59-3 | 59 |
| 4 | Thiophane, propyl- | 130 | C7H14S | 001551-34-4 | 59 |
| 5 | Neodecanoic acid | 172 | C10H20O2 | 026896-20-8 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

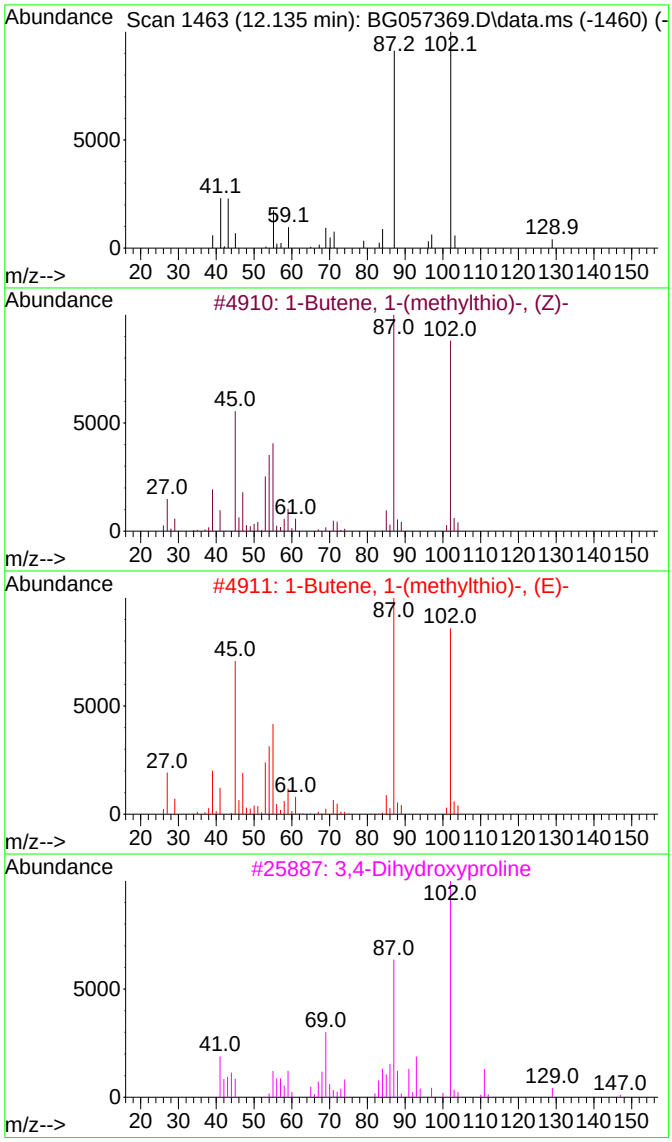
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

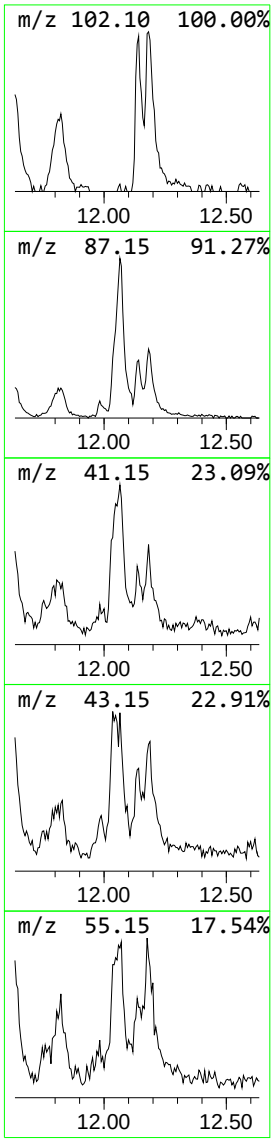
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 1-Butene, 1-(methylthio)-, ... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.135 | 6.40 ng/ul | 48900 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butene, 1-(methylthio)-, (Z)- | 102 | C5H10S | 017414-15-2 | 72 |
| 2 | 1-Butene, 1-(methylthio)-, (E)- | 102 | C5H10S | 017414-27-6 | 72 |
| 3 | 3,4-Dihydroxyproline | 147 | C5H9NO4 | 1000132-90-7 | 56 |
| 4 | l-Alanine, N-methoxycarbonyl-, p... | 189 | C8H15NO4 | 1000313-37-1 | 17 |
| 5 | Bamifylline | 385 | C20H27N5O3 | 002016-63-9 | 17 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

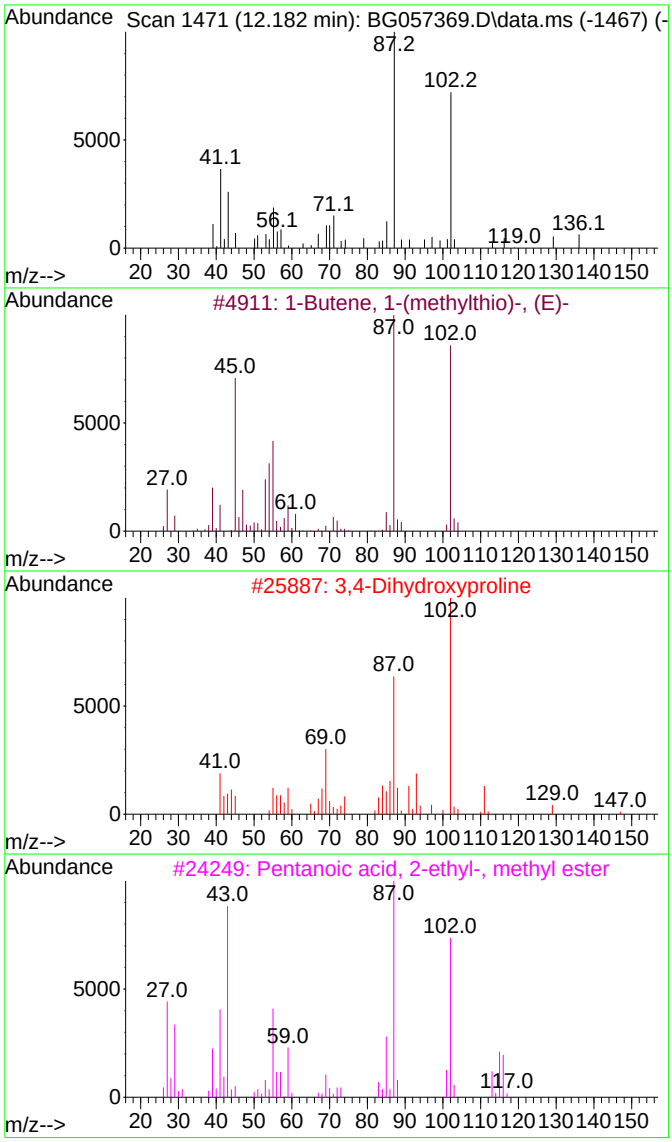
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

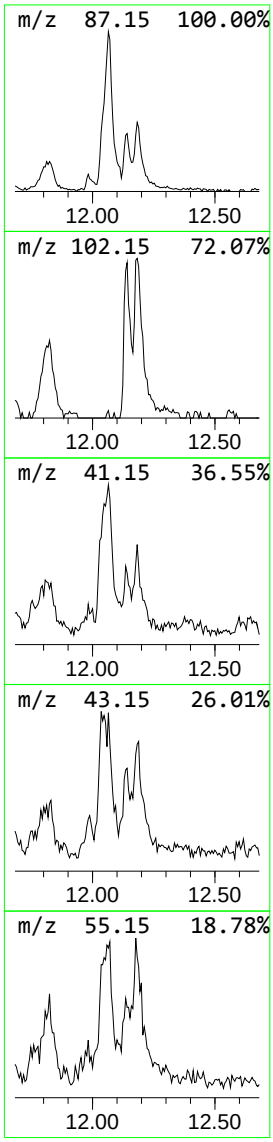
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 1-Butene, 1-(methylthio)-, ... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.182 | 11.81 ng/ul | 90228 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butene, 1-(methylthio)-, (E)- | 102 | C5H10S | 017414-27-6 | 64 |
| 2 | 3,4-Dihydroxyproline | 147 | C5H9NO4 | 1000132-90-7 | 40 |
| 3 | Pentanoic acid, 2-ethyl-, methyl... | 144 | C8H16O2 | 000816-16-0 | 38 |
| 4 | 1,3-Dioxolane, 2-methyl-2-propyl- | 130 | C7H14O2 | 004352-98-1 | 25 |
| 5 | 2-Nonadecanone, O-methyloxime | 311 | C20H41NO | 036379-39-2 | 25 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

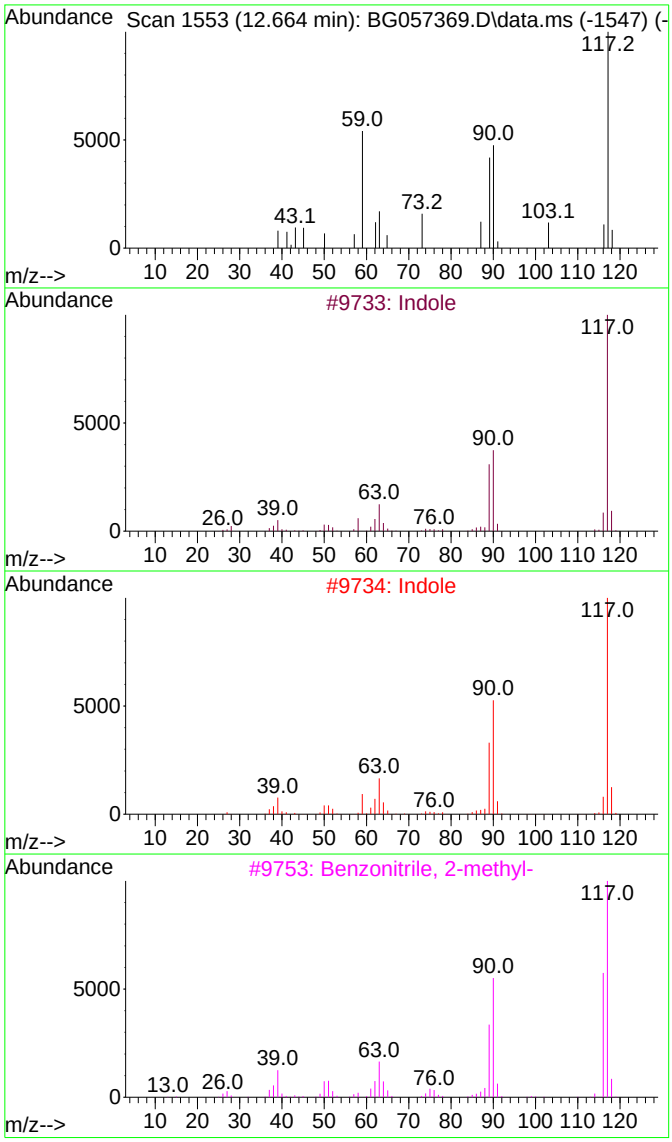
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

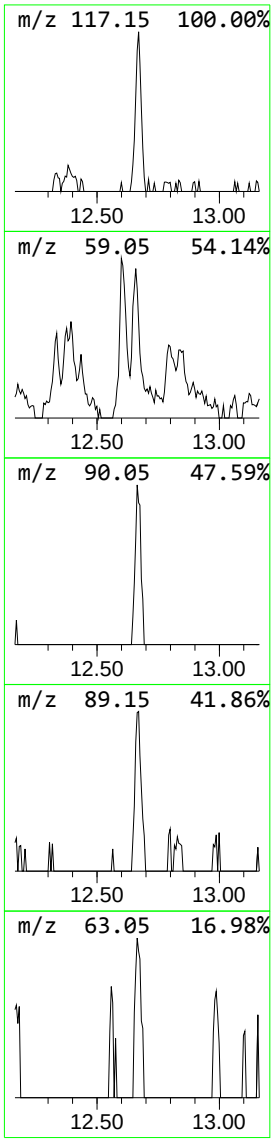
**********

Peak Number 24 Indole Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.664 | 3.40 ng/ul | 25966 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indole | 117 | C8H7N | 000120-72-9 | 64 |
| 2 | Indole | 117 | C8H7N | 000120-72-9 | 59 |
| 3 | Benzonitrile, 2-methyl- | 117 | C8H7N | 000529-19-1 | 58 |
| 4 | Indolizine | 117 | C8H7N | 000274-40-8 | 58 |
| 5 | Benzonitrile, 3-methyl- | 117 | C8H7N | 000620-22-4 | 58 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

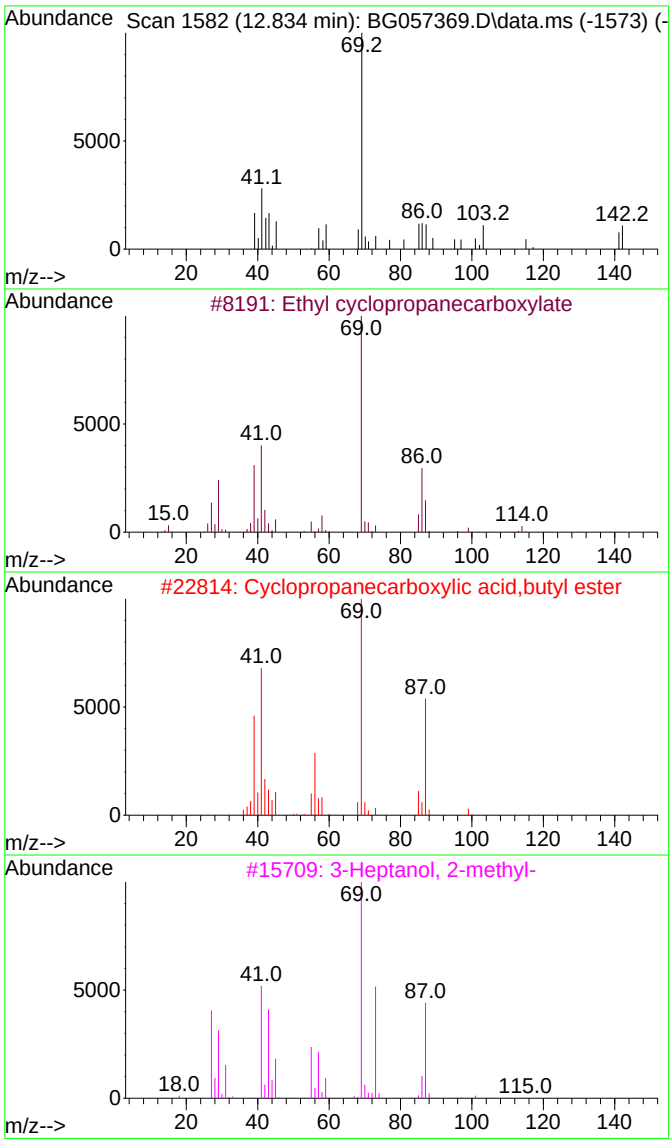
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

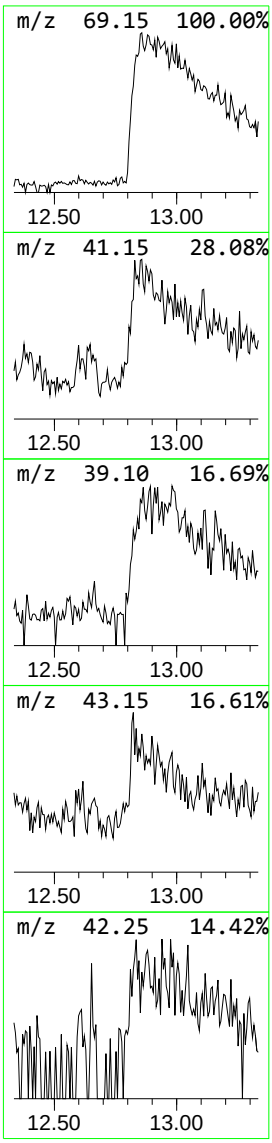
**********

Peak Number 25 unknown-05 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.834 | 3.59 ng/ul | 27424 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl cyclopropanecarboxylate | 114 | C6H10O2 | 004606-07-9 | 40 |
| 2 | Cyclopropanecarboxylic acid,buty... | 142 | C8H14O2 | 054947-39-6 | 38 |
| 3 | 3-Heptanol, 2-methyl- | 130 | C8H18O | 018720-62-2 | 33 |
| 4 | Ethyl cyclopropanecarboxylate | 114 | C6H10O2 | 004606-07-9 | 33 |
| 5 | Succinic acid, 3-methylbut-2-en-... | 284 | C16H28O4 | 1000390-47-0 | 28 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

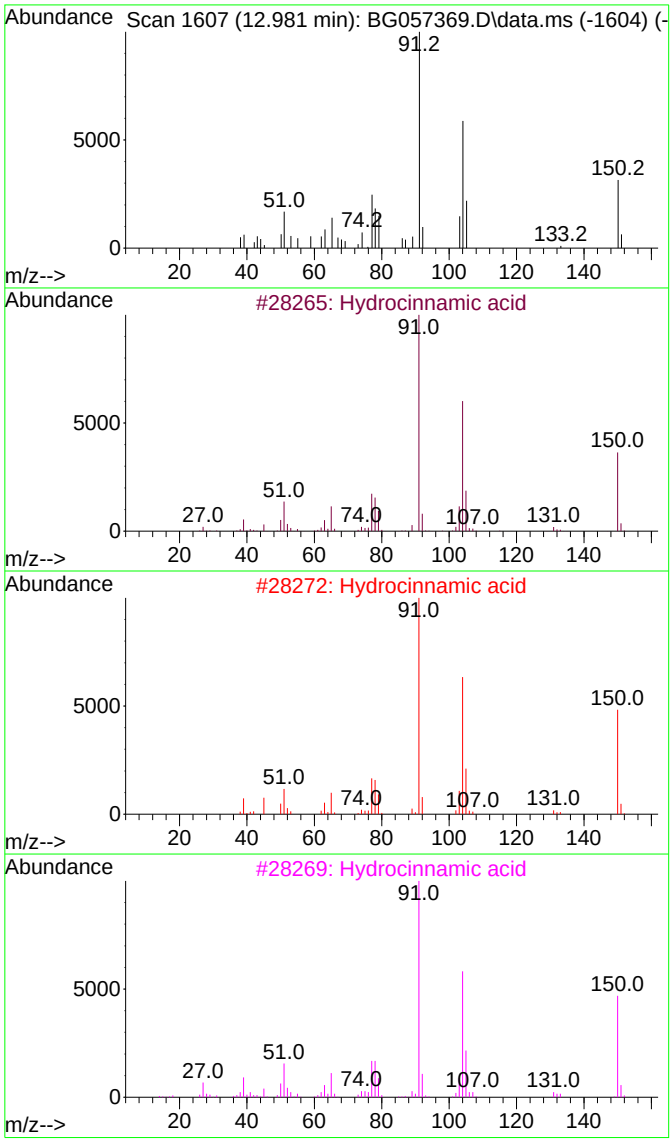
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

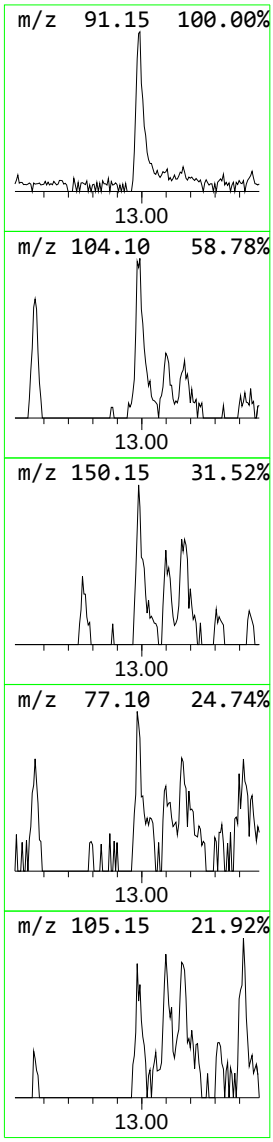
**********

Peak Number 26 Hydrocinnamic acid Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.981 | 3.10 ng/ul | 23675 | Naphthalene-d8 | 11.207 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hydrocinnamic acid | 150 | C9H10O2 | 000501-52-0 | 93 |
| 2 | Hydrocinnamic acid | 150 | C9H10O2 | 000501-52-0 | 90 |
| 3 | Hydrocinnamic acid | 150 | C9H10O2 | 000501-52-0 | 87 |
| 4 | Hydrocinnamic acid | 150 | C9H10O2 | 000501-52-0 | 80 |
| 5 | Benzenepropanoic acid, silver(1+... | 256 | C9H9AgO2 | 075112-79-7 | 80 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

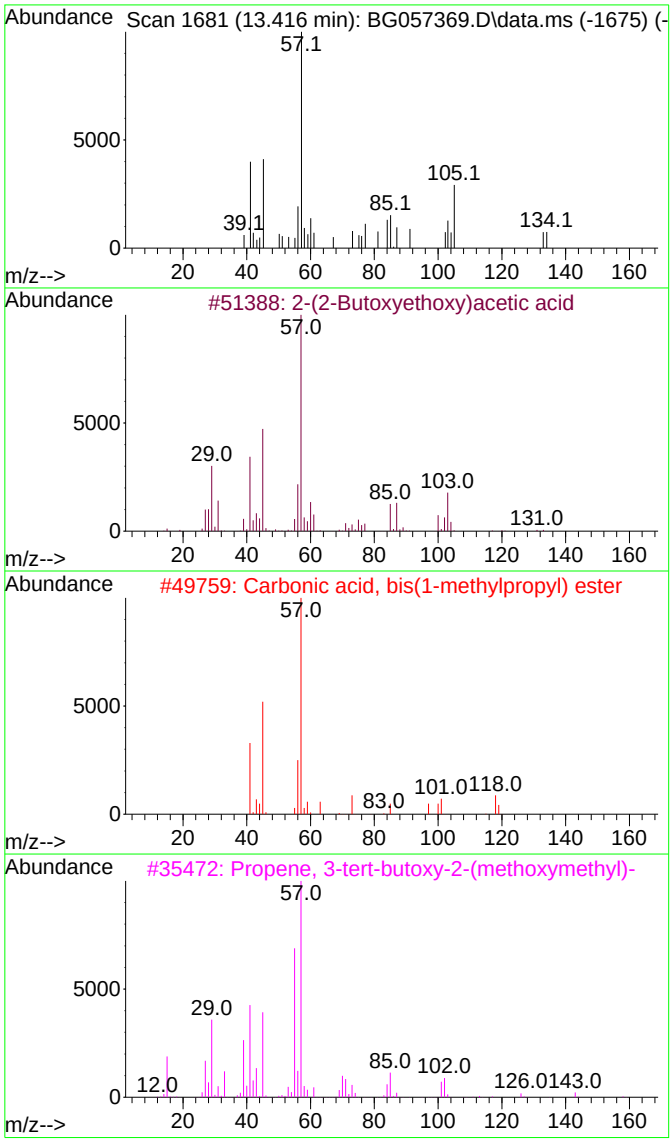
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

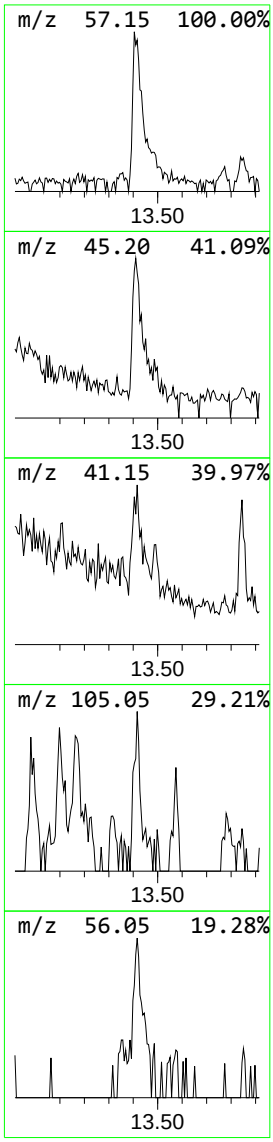
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 2-(2-Butoxyethoxy)acetic acid Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.416 | 2.81 ng/ul | 33490 | Acenaphthene-d10 | 14.984 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(2-Butoxyethoxy)acetic acid | 176 | C8H16O4 | 082941-26-2 | 59 |
| 2 | Carbonic acid, bis(1-methylpropy... | 174 | C9H18O3 | 000623-63-2 | 43 |
| 3 | Propene, 3-tert-butoxy-2-(methox... | 158 | C9H18O2 | 023230-86-6 | 37 |
| 4 | Carbonic acid, bis(1-methylpropy... | 174 | C9H18O3 | 000623-63-2 | 32 |
| 5 | D-Allothreonine | 119 | C4H9NO3 | 024830-94-2 | 28 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

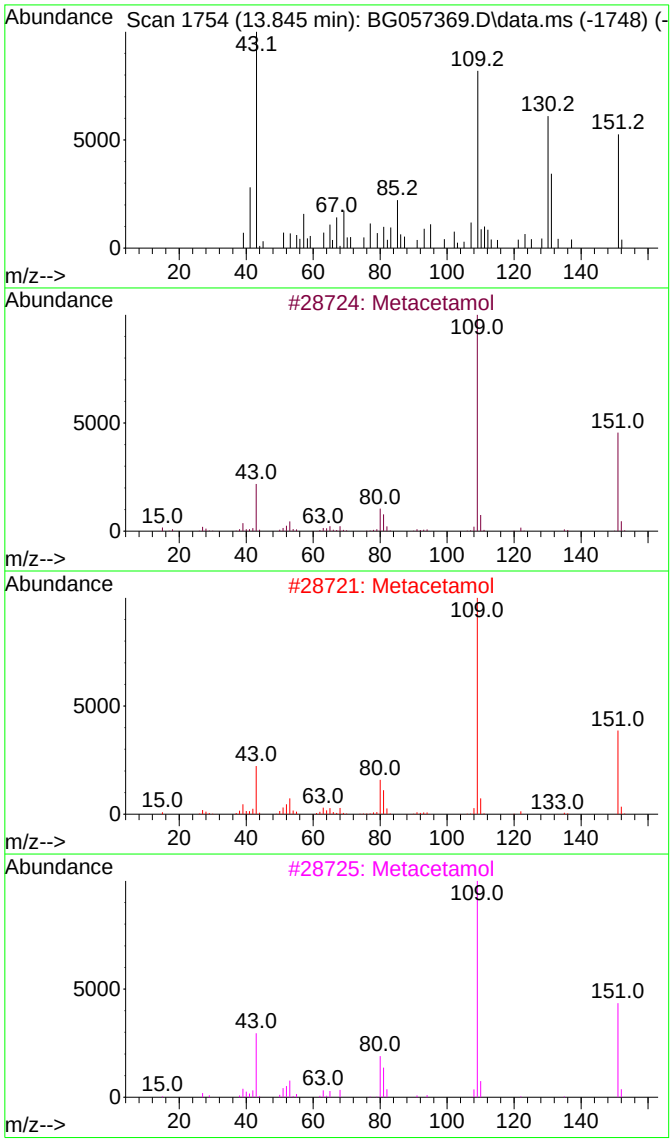
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

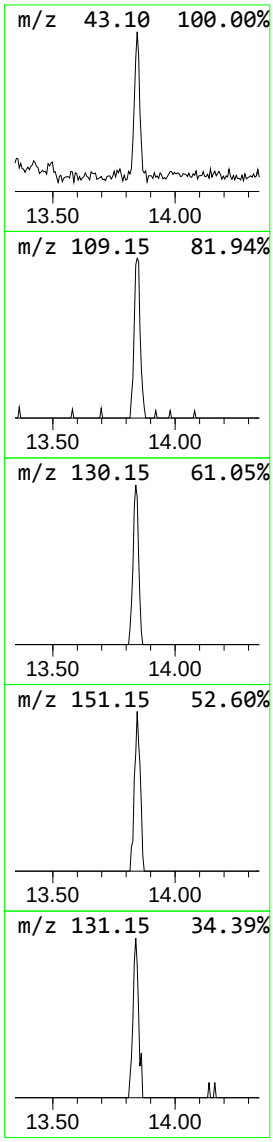
**********

Peak Number 28 unknown-06 Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.845 | 4.17 ng/ul | 49727 | Acenaphthene-d10 | 14.984 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 43 |
| 2 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 38 |
| 3 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 38 |
| 4 | Acetaminophen | 151 | C8H9NO2 | 000103-90-2 | 38 |
| 5 | Allyltrivinylsilane | 150 | C9H14Si | 115946-69-5 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

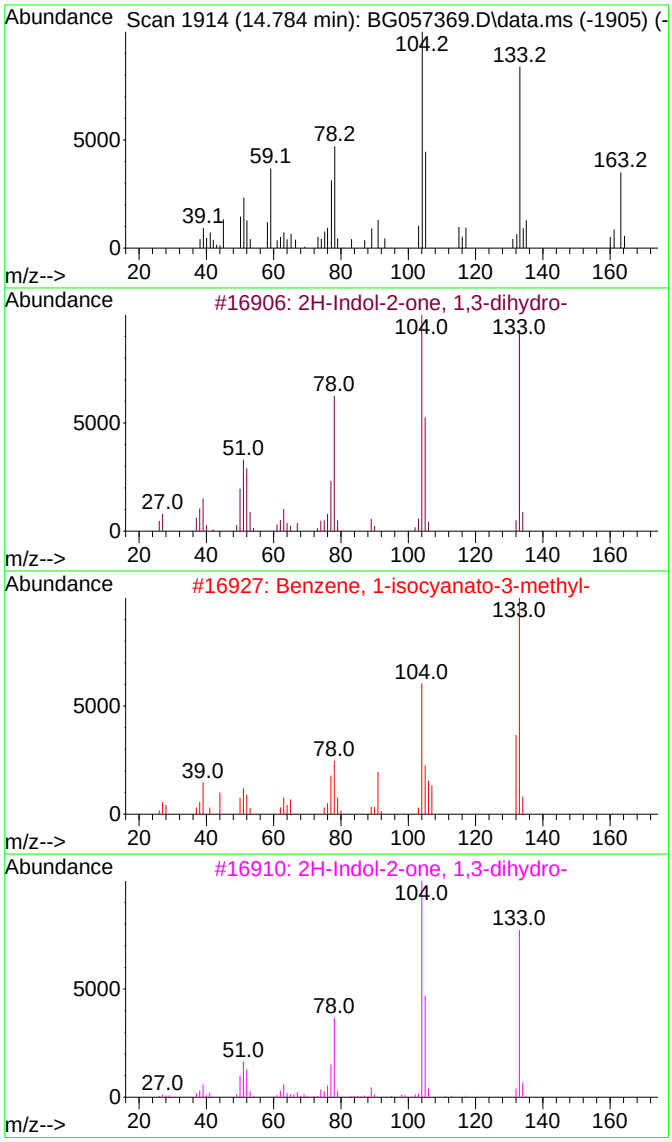
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

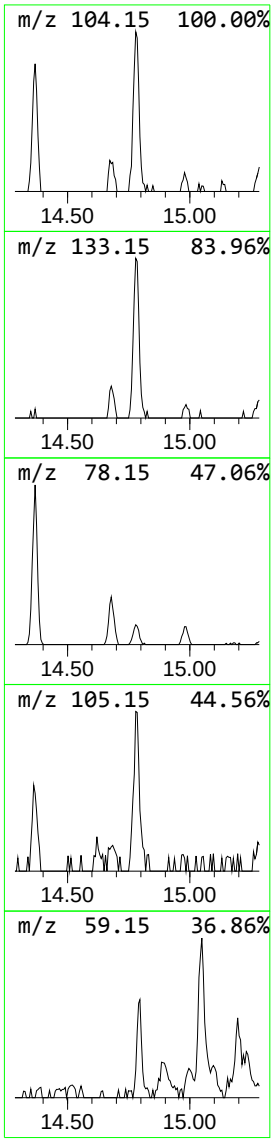
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.785 | 5.89 ng/ul | 70131 | Acenaphthene-d10 | 14.984 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Indol-2-one, 1,3-dihydro- | 133 | C8H7NO | 000059-48-3 | 81 |
| 2 | Benzene, 1-isocyanato-3-methyl- | 133 | C8H7NO | 000621-29-4 | 81 |
| 3 | 2H-Indol-2-one, 1,3-dihydro- | 133 | C8H7NO | 000059-48-3 | 76 |
| 4 | Benzene, 1-isocyanato-2-methyl- | 133 | C8H7NO | 000614-68-6 | 76 |
| 5 | Benzene, 1-isocyanato-2-methyl- | 133 | C8H7NO | 000614-68-6 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

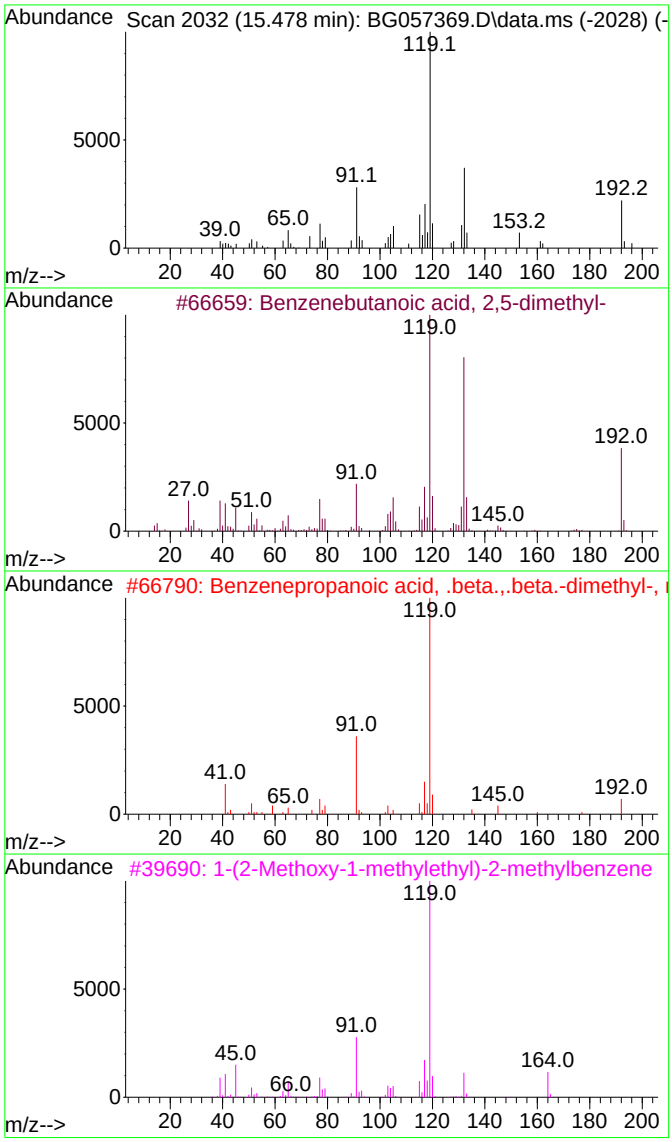
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

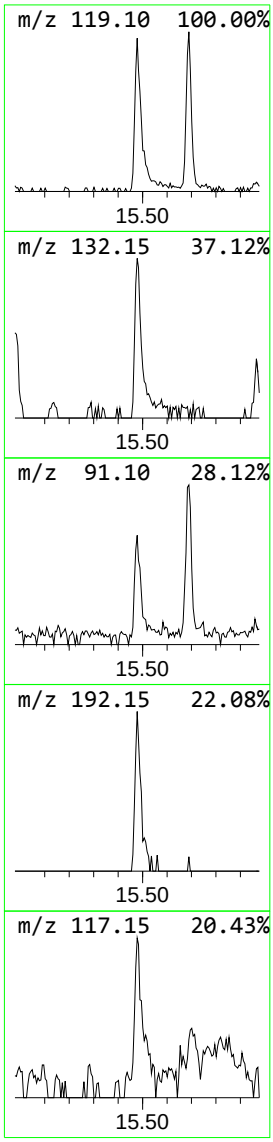
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Benzenebutanoic acid, 2,5-d... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.478 | 5.20 ng/ul | 61996 | Acenaphthene-d10 | 14.984 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenebutanoic acid, 2,5-dimethyl- | 192 | C12H16O2 | 001453-06-1 | 64 |
| 2 | Benzenepropanoic acid, .beta.,.b... | 192 | C12H16O2 | 025080-84-6 | 59 |
| 3 | 1-(2-Methoxy-1-methylethyl)-2-me... | 164 | C11H16O | 1000210-02-1 | 53 |
| 4 | Formamide, N,N'-[1,3-phenylenebi... | 192 | C10H12N2O2 | 059276-03-8 | 50 |
| 5 | Ethyl 3,5-dimethylphenylacetate | 192 | C12H16O2 | 105337-18-6 | 50 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

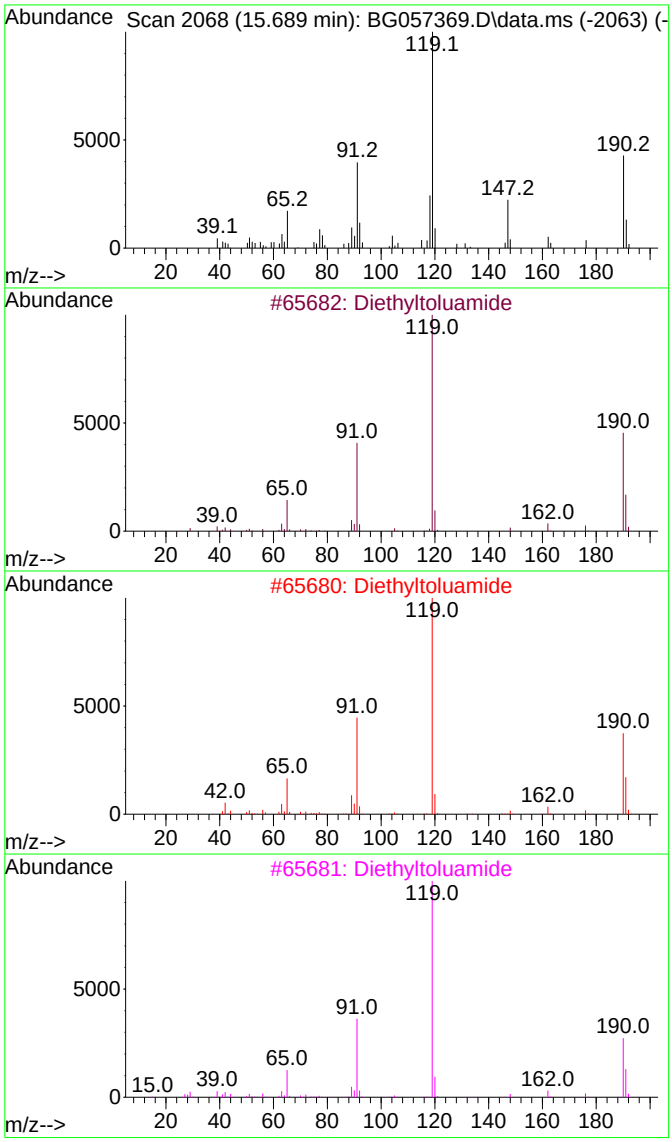
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

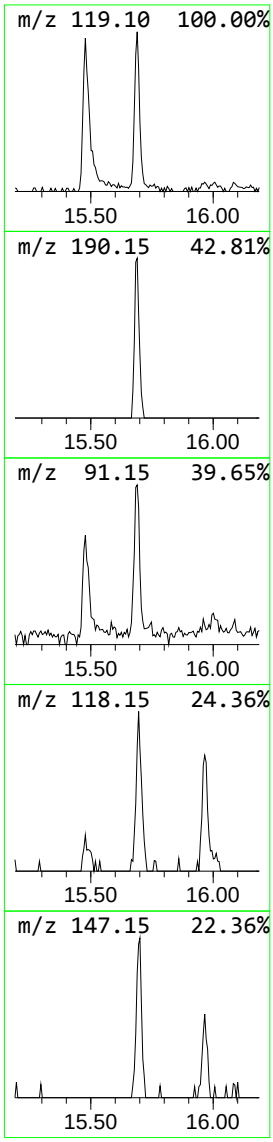
**********

Peak Number 31 Diethyltoluamide Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.689 | 4.64 ng/ul | 55274 | Acenaphthene-d10 | 14.984 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 76 |
| 2 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 76 |
| 3 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 64 |
| 4 | Benzamide, 4-methyl-N-butyl- | 191 | C12H17NO | 1000407-46-6 | 53 |
| 5 | Benzamide, 3-methyl-N-butyl- | 191 | C12H17NO | 1000407-41-1 | 53 |



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Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

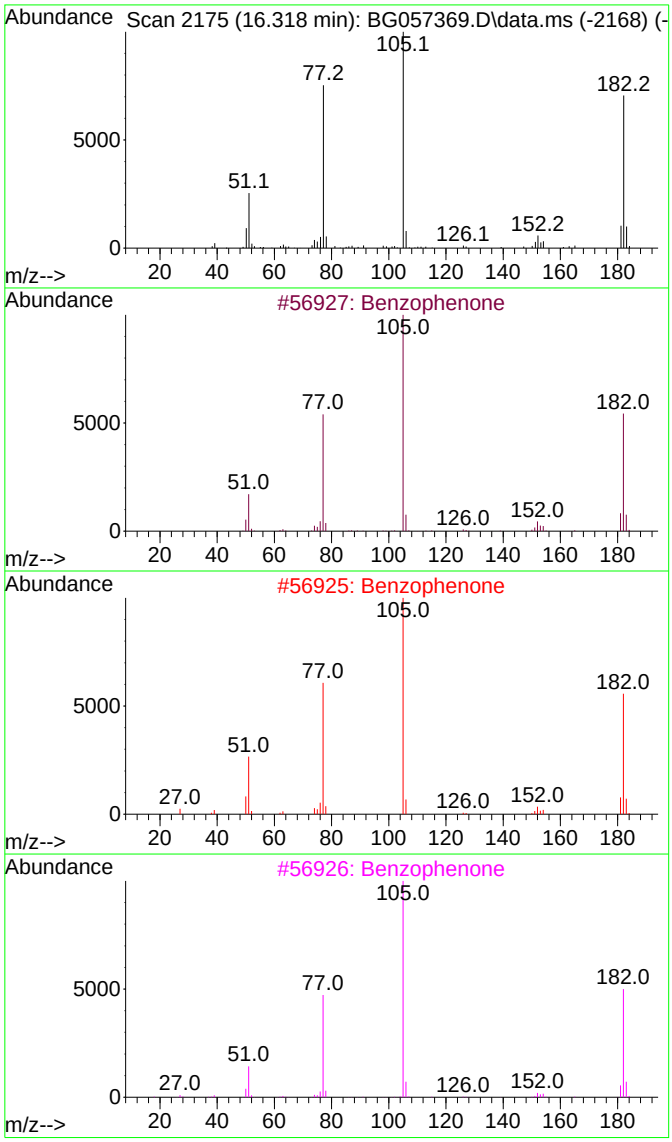
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

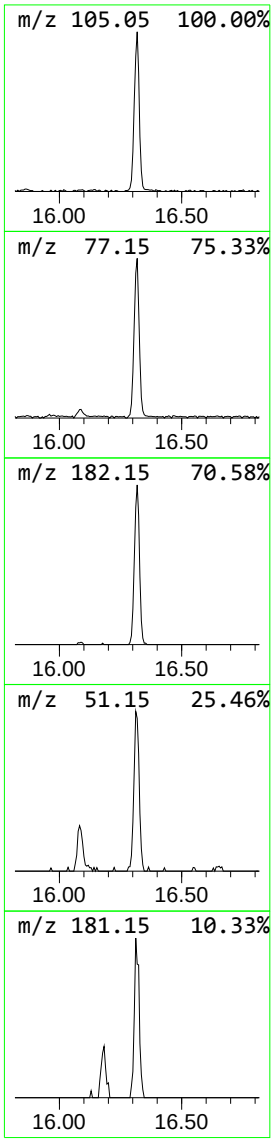
**********

Peak Number 32 Benzophenone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.318 | 12.99 ng/ul | 154775 | Acenaphthene-d10 | 14.984 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 87 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 81 |
| 5 | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS | 005925-68-8 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

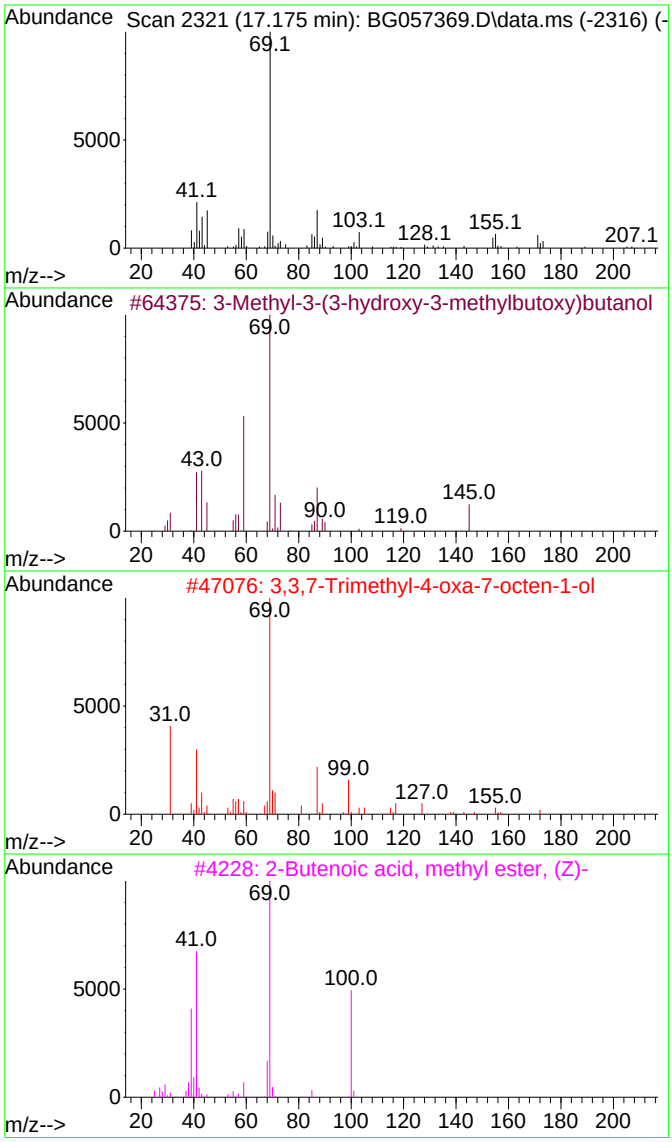
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

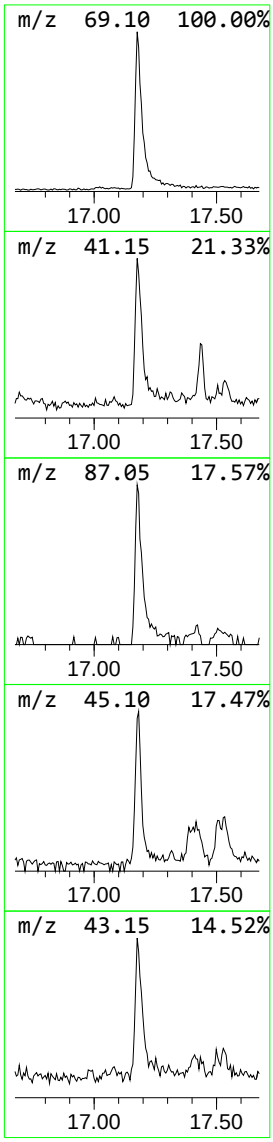
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 3-Methyl-3-(3-hydroxy-3-met... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.175 | 8.91 ng/ul | 137317 | Phenanthrene-d10 | 17.722 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methyl-3-(3-hydroxy-3-methylbu... | 190 | C10H22O3 | 1000432-16-8 | 64 |
| 2 | 3,3,7-Trimethyl-4-oxa-7-octen-1-ol | 172 | C10H20O2 | 069161-47-3 | 50 |
| 3 | 2-Butenoic acid, methyl ester, (Z)- | 100 | C5H8O2 | 004358-59-2 | 47 |
| 4 | 3,3,7-Trimethyl-4-oxa-7-octen-1-ol | 172 | C10H20O2 | 069161-47-3 | 45 |
| 5 | (E)-2-Methylbut-2-en-1-yl methac... | 154 | C9H14O2 | 088142-95-4 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

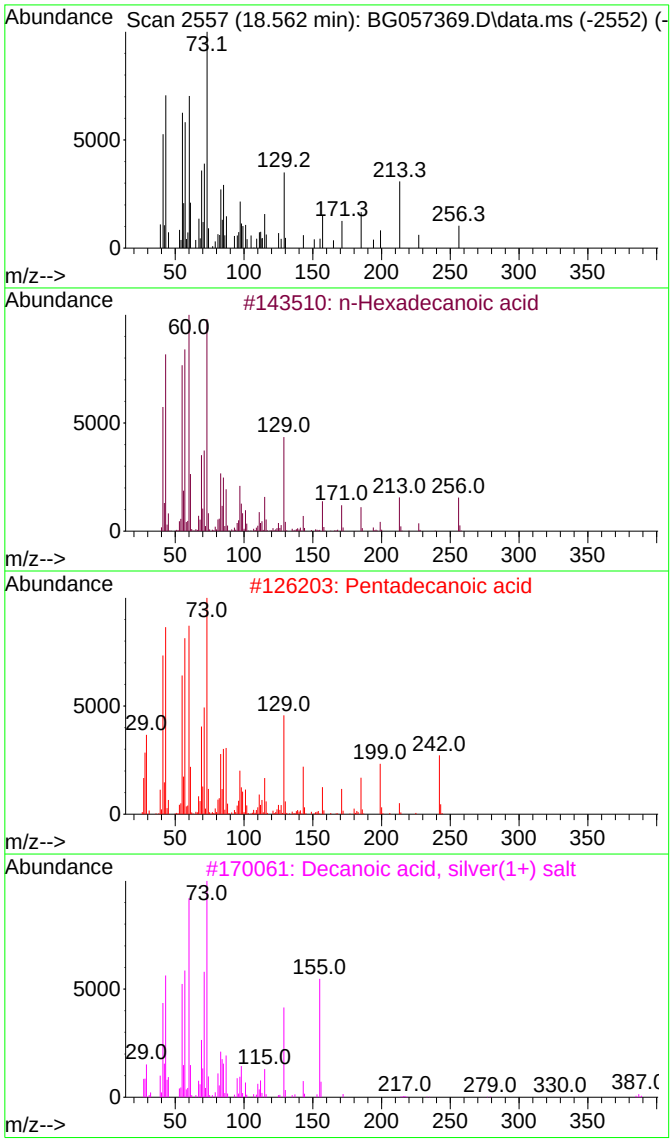
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

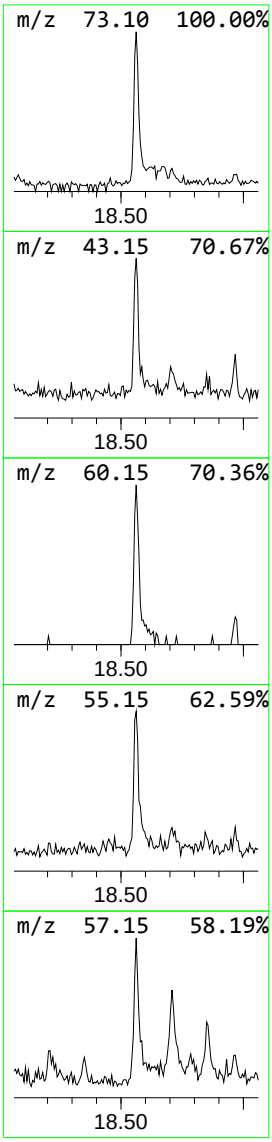
**********

Peak Number 35 n-Hexadecanoic acid Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.562 | 4.70 ng/ul | 72352 | Phenanthrene-d10 | 17.722 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 3 | Decanoic acid, silver(1+) salt | 278 | C10H19AgO2 | 013126-67-5 | 52 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 52 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

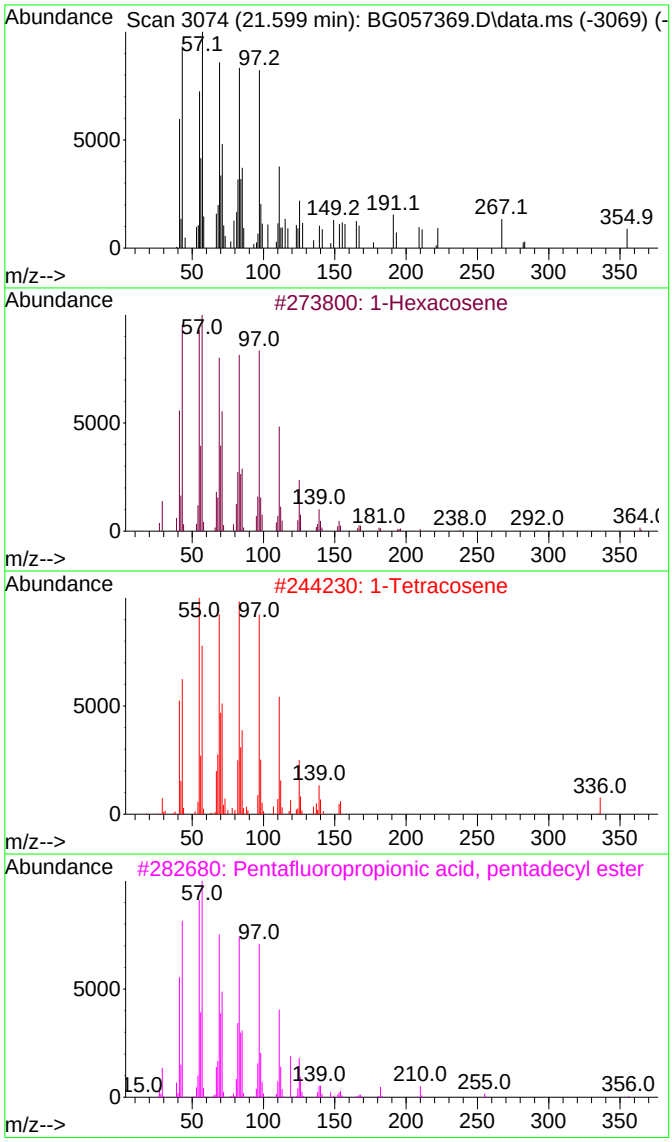
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

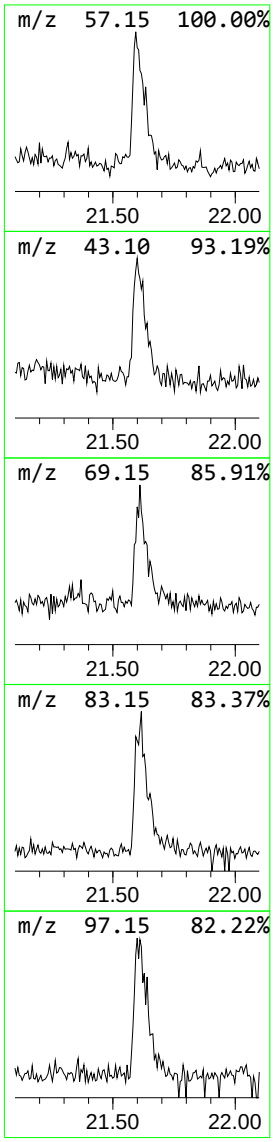
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.599 | 2.24 ng/ul | 36666 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 91 |
| 2 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 91 |
| 3 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 91 |
| 4 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

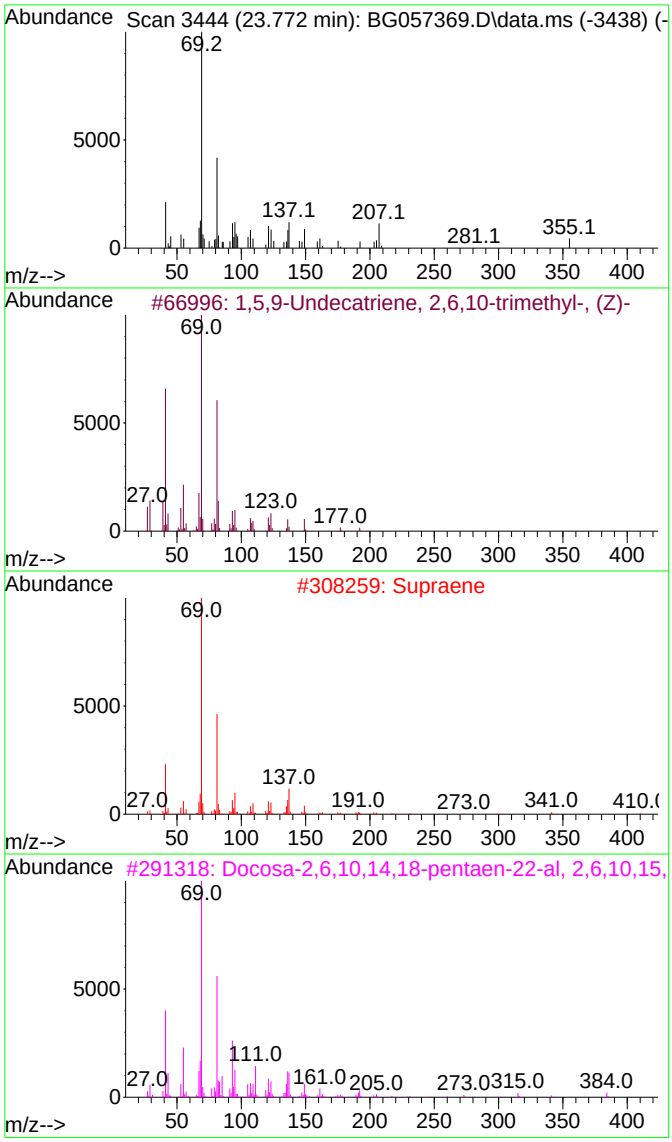
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION

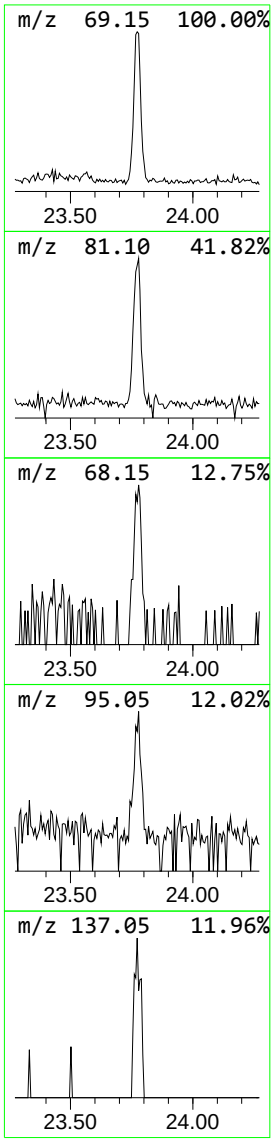
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.772 | 2.66 ng/ul | 43463 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 70 |
| 2 | Supraene | 410 | C30H50 | 007683-64-9 | 64 |
| 3 | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O | 1000163-04-7 | 64 |
| 4 | (2E,6E)-3,7,11-Trimethyldodeca-2... | 278 | C18H30O2 | 104857-55-8 | 59 |
| 5 | (2E,6E)-3,7,11-Trimethyldodeca-2... | 404 | C27H48O2 | 078368-58-8 | 59 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
Data File : BG057369.D
Acq On : 10 May 2023 14:49
Operator : CG/JU
Sample : 02694-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JREN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.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 |
| Propanoic acid,... | 4.005 | 7.8 | ng/ul | 40500 | 1 | 8.364 | 103503 | 20.0 |
| 2-Pentanol, 4-m... | 4.240 | 8.1 | ng/ul | 41862 | 1 | 8.364 | 103503 | 20.0 |
| Butanoic acid | 4.369 | 11.0 | ng/ul | 56803 | 1 | 8.364 | 103503 | 20.0 |
| Butanoic acid, ... | 5.227 | 26.5 | ng/ul | 137165 | 1 | 8.364 | 103503 | 20.0 |
| Butanoic acid, ... | 5.374 | 16.8 | ng/ul | 87021 | 1 | 8.364 | 103503 | 20.0 |
| Pentanoic acid | 5.803 | 5.5 | ng/ul | 28615 | 1 | 8.364 | 103503 | 20.0 |
| Pentanoic acid,... | 6.748 | 3.9 | ng/ul | 19955 | 1 | 8.364 | 103503 | 20.0 |
| Hexanoic acid | 7.377 | 4.0 | ng/ul | 20968 | 1 | 8.364 | 103503 | 20.0 |
| unknown-01 | 7.430 | 2.6 | ng/ul | 13329 | 1 | 8.364 | 103503 | 20.0 |
| unknown-02 | 8.640 | 4.3 | ng/ul | 21996 | 1 | 8.364 | 103503 | 20.0 |
| Hexanoic acid, ... | 9.815 | 179.1 | ng/ul | 1368870 | 2 | 11.207 | 152831 | 20.0 |
| Hexanoic acid, ... | 10.067 | 10.7 | ng/ul | 81928 | 2 | 11.207 | 152831 | 20.0 |
| unknown-03 | 11.483 | 8.0 | ng/ul | 61458 | 2 | 11.207 | 152831 | 20.0 |
| unknown-04 | 11.630 | 12.2 | ng/ul | 93433 | 2 | 11.207 | 152831 | 20.0 |
| Benzeneacetic acid | 11.789 | 43.9 | ng/ul | 335627 | 2 | 11.207 | 152831 | 20.0 |
| Thiophene, 2-et... | 12.065 | 23.8 | ng/ul | 181937 | 2 | 11.207 | 152831 | 20.0 |
| 1-Butene, 1-(me... | 12.135 | 6.4 | ng/ul | 48900 | 2 | 11.207 | 152831 | 20.0 |
| 1-Butene, 1-(me... | 12.182 | 11.8 | ng/ul | 90228 | 2 | 11.207 | 152831 | 20.0 |
| Indole | 12.664 | 3.4 | ng/ul | 25966 | 2 | 11.207 | 152831 | 20.0 |
| unknown-05 | 12.834 | 3.6 | ng/ul | 27424 | 2 | 11.207 | 152831 | 20.0 |
| Hydrocinnamic acid | 12.981 | 3.1 | ng/ul | 23675 | 2 | 11.207 | 152831 | 20.0 |
| 2-(2-Butoxyetho... | 13.416 | 2.8 | ng/ul | 33490 | 3 | 14.984 | 238291 | 20.0 |
| unknown-06 | 13.845 | 4.2 | ng/ul | 49727 | 3 | 14.984 | 238291 | 20.0 |
| 2H-Indol-2-one,... | 14.785 | 5.9 | ng/ul | 70131 | 3 | 14.984 | 238291 | 20.0 |
| Benzenebutanoic... | 15.478 | 5.2 | ng/ul | 61996 | 3 | 14.984 | 238291 | 20.0 |
| Diethyltoluamide | 15.689 | 4.6 | ng/ul | 55274 | 3 | 14.984 | 238291 | 20.0 |
| Benzophenone | 16.318 | 13.0 | ng/ul | 154775 | 3 | 14.984 | 238291 | 20.0 |
| 3-Methyl-3-(3-h... | 17.175 | 8.9 | ng/ul | 137317 | 4 | 17.722 | 308099 | 20.0 |
| n-Hexadecanoic ... | 18.562 | 4.7 | ng/ul | 72352 | 4 | 17.722 | 308099 | 20.0 |
| (DEL) Alkane: S... | 21.599 | 2.2 | ng/ul | 36666 | 5 | 22.034 | 327038 | 20.0 |
| 1,5,9-Undecatri... | 23.772 | 2.7 | ng/ul | 43463 | 5 | 22.034 | 327038 | 20.0 |