

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG053024\  
 Data File : BG061365.D  
 Acq On : 30 May 2024 18:33  
 Operator : MA/JU  
 Sample : P2570-15  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BH5R1

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-BG052124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG061365.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.076       | 9             | 15          | 24           | rBV      | 243234         | 406219        | 56.46%          | 5.290%        |
| 2         | 3.329       | 55            | 58          | 63           | rVB4     | 5455           | 7786          | 1.08%           | 0.101%        |
| 3         | 3.605       | 101           | 105         | 112          | rBV      | 11992          | 18974         | 2.64%           | 0.247%        |
| 4         | 3.740       | 123           | 128         | 141          | rBV      | 79588          | 137005        | 19.04%          | 1.784%        |
| 5         | 3.881       | 150           | 152         | 155          | rVB3     | 924            | 1035          | 0.14%           | 0.013%        |
| 6         | 3.993       | 169           | 171         | 174          | rVB3     | 1086           | 970           | 0.13%           | 0.013%        |
| 7         | 4.087       | 185           | 187         | 190          | rVB2     | 1863           | 1393          | 0.19%           | 0.018%        |
| 8         | 4.933       | 330           | 331         | 335          | rBV4     | 865            | 969           | 0.13%           | 0.013%        |
| 9         | 5.268       | 385           | 388         | 390          | rBV2     | 1020           | 1345          | 0.19%           | 0.018%        |
| 10        | 5.955       | 500           | 505         | 509          | rBV4     | 3487           | 4855          | 0.67%           | 0.063%        |
| 11        | 6.443       | 584           | 588         | 590          | rBV      | 832            | 1152          | 0.16%           | 0.015%        |
| 12        | 7.054       | 683           | 692         | 701          | rVB2     | 99095          | 167252        | 23.24%          | 2.178%        |
| 13        | 7.201       | 711           | 717         | 724          | rBV      | 61209          | 98514         | 13.69%          | 1.283%        |
| 14        | 7.413       | 745           | 753         | 760          | rBV      | 83759          | 143453        | 19.94%          | 1.868%        |
| 15        | 7.465       | 760           | 762         | 766          | rVB      | 1481           | 2054          | 0.29%           | 0.027%        |
| 16        | 7.871       | 822           | 831         | 837          | rBV      | 78792          | 131114        | 18.22%          | 1.708%        |
| 17        | 7.930       | 838           | 841         | 845          | rVB2     | 2942           | 3755          | 0.52%           | 0.049%        |
| 18        | 8.588       | 944           | 953         | 962          | rBV2     | 108283         | 187823        | 26.10%          | 2.446%        |
| 19        | 9.028       | 1020          | 1028        | 1035         | rBV      | 88959          | 158555        | 22.04%          | 2.065%        |
| 20        | 9.457       | 1097          | 1101        | 1104         | rVB4     | 1739           | 2171          | 0.30%           | 0.028%        |
| 21        | 9.581       | 1118          | 1122        | 1129         | rVB3     | 9731           | 14790         | 2.06%           | 0.193%        |
| 22        | 9.751       | 1142          | 1151        | 1161         | rBB      | 81214          | 142143        | 19.75%          | 1.851%        |
| 23        | 10.297      | 1238          | 1244        | 1252         | rBV      | 115376         | 198066        | 27.53%          | 2.579%        |
| 24        | 10.438      | 1261          | 1268        | 1274         | rBV2     | 10130          | 16443         | 2.29%           | 0.214%        |
| 25        | 10.668      | 1299          | 1307        | 1315         | rBV      | 109286         | 191155        | 26.57%          | 2.489%        |
| 26        | 10.803      | 1323          | 1330        | 1338         | rBV      | 105634         | 180750        | 25.12%          | 2.354%        |
| 27        | 11.196      | 1393          | 1397        | 1402         | rBV2     | 2716           | 3424          | 0.48%           | 0.045%        |
| 28        | 11.402      | 1428          | 1432        | 1438         | rBV3     | 10462          | 17342         | 2.41%           | 0.226%        |
| 29        | 12.089      | 1546          | 1549        | 1552         | rVB2     | 1689           | 1635          | 0.23%           | 0.021%        |
| 30        | 12.142      | 1552          | 1558        | 1562         | rBV      | 697            | 1701          | 0.24%           | 0.022%        |
| 31        | 12.254      | 1574          | 1577        | 1584         | rVB2     | 1975           | 2842          | 0.39%           | 0.037%        |
| 32        | 13.335      | 1755          | 1761        | 1766         | rBV2     | 2306           | 3491          | 0.49%           | 0.045%        |
| 33        | 13.911      | 1853          | 1859        | 1870         | rBV      | 219081         | 316130        | 43.93%          | 4.117%        |
| 34        | 14.158      | 1897          | 1901        | 1902         | rBV      | 1080           | 1059          | 0.15%           | 0.014%        |
| 35        | 14.199      | 1902          | 1908        | 1917         | rVB2     | 235618         | 355673        | 49.43%          | 4.632%        |
| 36        | 14.410      | 1941          | 1944        | 1948         | rVB2     | 1321           | 1472          | 0.20%           | 0.019%        |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BH5R1

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-BG052124.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 37 | 14.510 | 1954 | 1961 | 1968 | rVB  | 188865 | 295835 | 41.11%  | 3.853% |
| 38 | 14.739 | 1990 | 2000 | 2014 | rBV3 | 80221  | 176717 | 24.56%  | 2.301% |
| 39 | 15.303 | 2089 | 2096 | 2097 | rBV  | 856    | 1197   | 0.17%   | 0.016% |
| 40 | 15.362 | 2103 | 2106 | 2108 | rBV  | 1303   | 1323   | 0.18%   | 0.017% |
| 41 | 15.503 | 2123 | 2130 | 2136 | rBV  | 319691 | 471541 | 65.53%  | 6.141% |
| 42 | 15.638 | 2147 | 2153 | 2162 | rBV  | 100159 | 151445 | 21.05%  | 1.972% |
| 43 | 15.738 | 2169 | 2170 | 2173 | rBV  | 1801   | 1428   | 0.20%   | 0.019% |
| 44 | 16.061 | 2221 | 2225 | 2226 | rBV  | 1079   | 1127   | 0.16%   | 0.015% |
| 45 | 16.220 | 2250 | 2252 | 2255 | rBV3 | 1633   | 1430   | 0.20%   | 0.019% |
| 46 | 16.402 | 2281 | 2283 | 2286 | rBV  | 1052   | 1241   | 0.17%   | 0.016% |
| 47 | 17.019 | 2386 | 2388 | 2391 | rBV2 | 1697   | 1788   | 0.25%   | 0.023% |
| 48 | 17.131 | 2405 | 2407 | 2410 | rVB2 | 1369   | 1637   | 0.23%   | 0.021% |
| 49 | 17.178 | 2411 | 2415 | 2418 | rVV3 | 950    | 1252   | 0.17%   | 0.016% |
| 50 | 17.254 | 2422 | 2428 | 2434 | rVV  | 263022 | 396877 | 55.16%  | 5.169% |
| 51 | 17.295 | 2434 | 2435 | 2439 | rVV2 | 7074   | 7382   | 1.03%   | 0.096% |
| 52 | 17.354 | 2439 | 2445 | 2456 | rVB  | 361069 | 536715 | 74.59%  | 6.990% |
| 53 | 17.430 | 2456 | 2458 | 2463 | rBV  | 988    | 1486   | 0.21%   | 0.019% |
| 54 | 17.583 | 2482 | 2484 | 2487 | rVB3 | 1267   | 1057   | 0.15%   | 0.014% |
| 55 | 17.753 | 2511 | 2513 | 2515 | rBV2 | 1307   | 1166   | 0.16%   | 0.015% |
| 56 | 17.930 | 2538 | 2543 | 2547 | rVB5 | 3012   | 4856   | 0.67%   | 0.063% |
| 57 | 18.159 | 2578 | 2582 | 2589 | rBV4 | 10770  | 21063  | 2.93%   | 0.274% |
| 58 | 18.364 | 2615 | 2617 | 2620 | rBV2 | 1171   | 1350   | 0.19%   | 0.018% |
| 59 | 18.411 | 2623 | 2625 | 2628 | rBV3 | 1929   | 1646   | 0.23%   | 0.021% |
| 60 | 18.505 | 2638 | 2641 | 2642 | rBV2 | 2121   | 1942   | 0.27%   | 0.025% |
| 61 | 18.582 | 2653 | 2654 | 2657 | rVB3 | 2088   | 1636   | 0.23%   | 0.021% |
| 62 | 18.617 | 2657 | 2660 | 2661 | rBV  | 1681   | 2045   | 0.28%   | 0.027% |
| 63 | 18.829 | 2695 | 2696 | 2699 | rBV2 | 1324   | 988    | 0.14%   | 0.013% |
| 64 | 18.858 | 2699 | 2701 | 2706 | rBV4 | 1643   | 2150   | 0.30%   | 0.028% |
| 65 | 18.917 | 2708 | 2711 | 2712 | rBV3 | 1857   | 2113   | 0.29%   | 0.028% |
| 66 | 18.964 | 2717 | 2719 | 2722 | rVB2 | 1502   | 1344   | 0.19%   | 0.018% |
| 67 | 19.122 | 2744 | 2746 | 2748 | rVB2 | 2602   | 1887   | 0.26%   | 0.025% |
| 68 | 19.140 | 2748 | 2749 | 2751 | rBV2 | 1558   | 1120   | 0.16%   | 0.015% |
| 69 | 19.163 | 2751 | 2753 | 2754 | rBV2 | 1413   | 985    | 0.14%   | 0.013% |
| 70 | 19.210 | 2757 | 2761 | 2765 | rVV6 | 5402   | 8783   | 1.22%   | 0.114% |
| 71 | 19.287 | 2770 | 2774 | 2775 | rVV  | 5025   | 6493   | 0.90%   | 0.085% |
| 72 | 19.310 | 2775 | 2778 | 2783 | rVB  | 16082  | 23632  | 3.28%   | 0.308% |
| 73 | 19.440 | 2798 | 2800 | 2803 | rBV4 | 3275   | 3782   | 0.53%   | 0.049% |
| 74 | 19.469 | 2803 | 2805 | 2807 | rVB3 | 1952   | 1159   | 0.16%   | 0.015% |
| 75 | 19.557 | 2818 | 2820 | 2822 | rBV2 | 2529   | 2600   | 0.36%   | 0.034% |
| 76 | 19.651 | 2830 | 2836 | 2850 | rVB  | 499402 | 719544 | 100.00% | 9.371% |

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 ClientSampleId :  
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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-BG052124.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 19.739 | 2850 | 2851 | 2853 | rBV2 | 3022   | 2082   | 0.29%  | 0.027% |
| 78 | 19.833 | 2865 | 2867 | 2869 | rBV3 | 2633   | 2236   | 0.31%  | 0.029% |
| 79 | 20.133 | 2916 | 2918 | 2919 | rBV2 | 2616   | 2039   | 0.28%  | 0.027% |
| 80 | 20.315 | 2947 | 2949 | 2950 | rBV2 | 3652   | 1708   | 0.24%  | 0.022% |
| 81 | 20.685 | 3007 | 3012 | 3015 | rBV3 | 15103  | 21982  | 3.05%  | 0.286% |
| 82 | 21.173 | 3091 | 3095 | 3105 | rBV3 | 36767  | 73724  | 10.25% | 0.960% |
| 83 | 21.508 | 3146 | 3152 | 3158 | rBV  | 318805 | 481354 | 66.90% | 6.269% |
| 84 | 21.702 | 3182 | 3185 | 3192 | rVB3 | 18603  | 26467  | 3.68%  | 0.345% |
| 85 | 22.283 | 3281 | 3284 | 3289 | rVB3 | 15651  | 19701  | 2.74%  | 0.257% |
| 86 | 24.381 | 3632 | 3641 | 3655 | rVB2 | 276636 | 711259 | 98.85% | 9.263% |
| 87 | 24.592 | 3668 | 3677 | 3689 | rVB  | 196690 | 542008 | 75.33% | 7.059% |
| 88 | 24.898 | 3727 | 3729 | 3732 | rBV3 | 5760   | 5646   | 0.78%  | 0.074% |

Sum of corrected areas: 7678478



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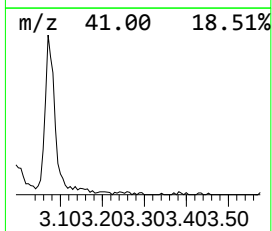
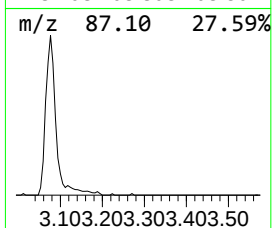
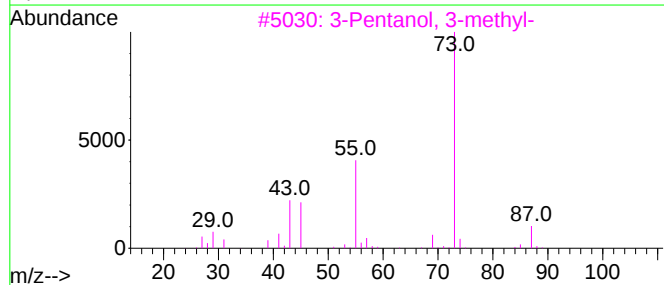
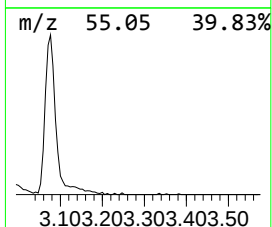
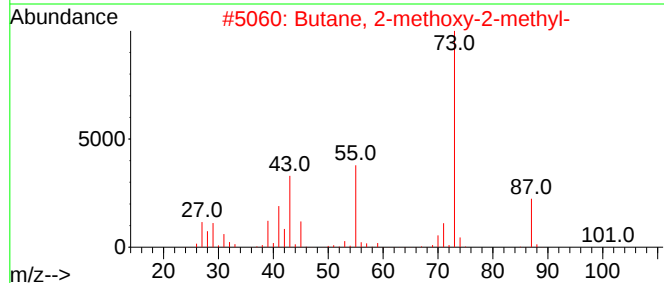
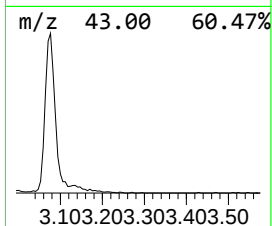
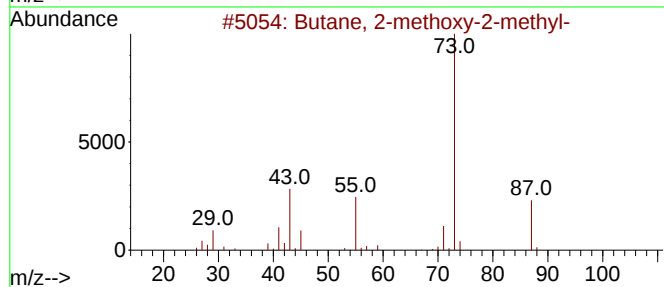
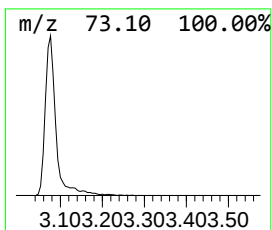
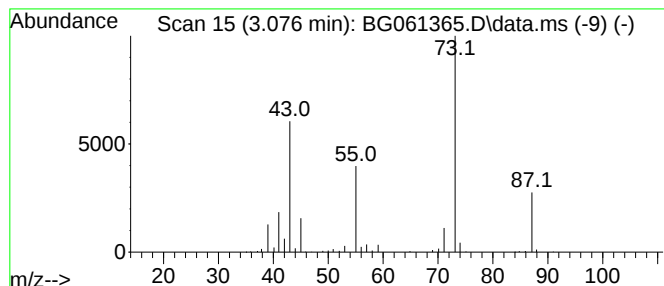
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.076 | 61.96 ng/ul | 406219 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 3    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 38   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 5    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 25   |



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Instrument :  
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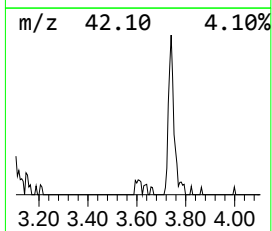
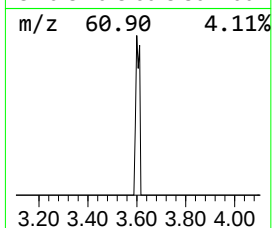
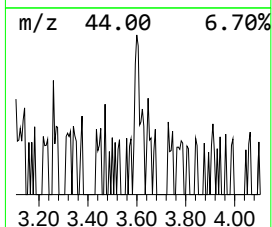
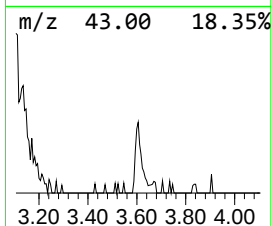
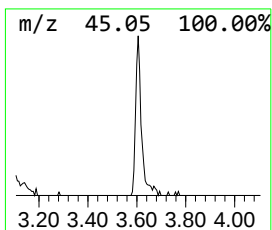
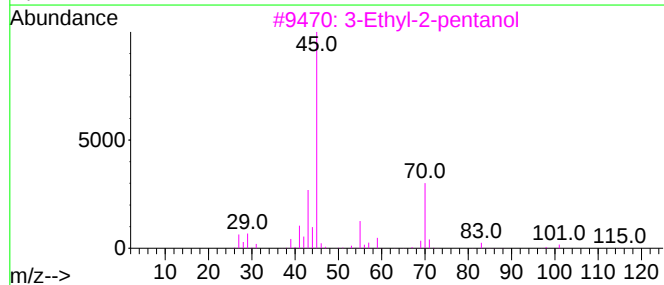
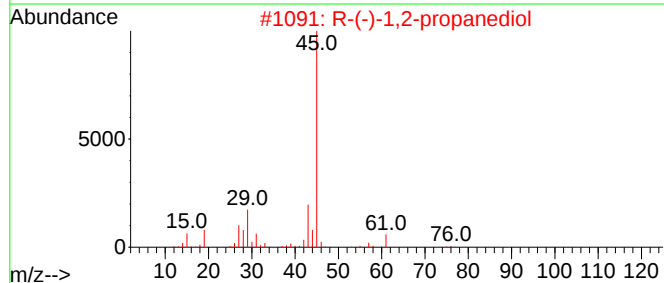
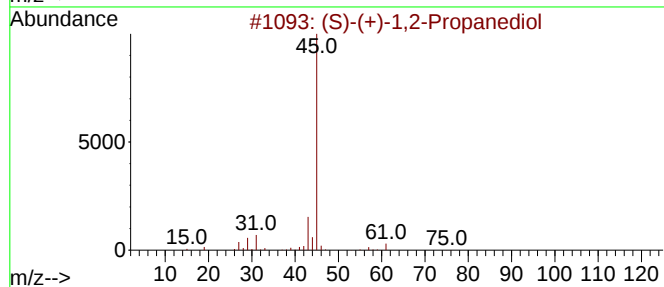
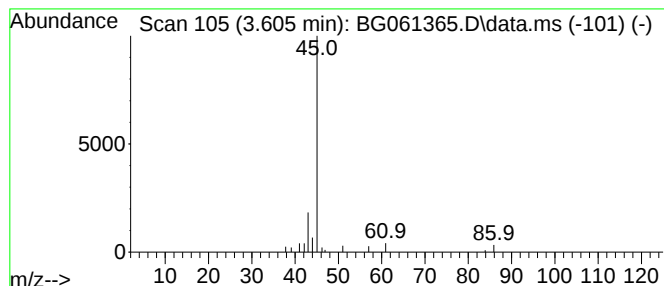
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 3

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.605 | 2.89 ng/ul | 18974 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# | of                      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------|---|--------------|-----|---------|-------------|------|
| 1    | (S)-(+)-1,2-Propanediol |   |              | 76  | C3H8O2  | 004254-15-3 | 64   |
| 2    | R-(-)-1,2-propanediol   |   |              | 76  | C3H8O2  | 004254-14-2 | 43   |
| 3    | 3-Ethyl-2-pentanol      |   |              | 116 | C7H16O  | 000609-27-8 | 43   |
| 4    | Propylene Glycol        |   |              | 76  | C3H8O2  | 000057-55-6 | 9    |
| 5    | Propylene Glycol        |   |              | 76  | C3H8O2  | 000057-55-6 | 9    |



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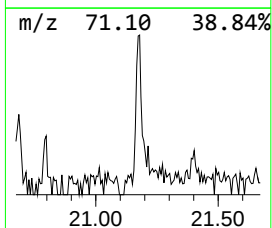
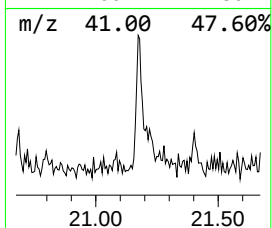
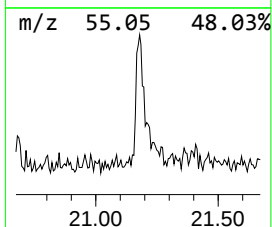
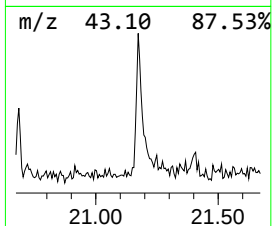
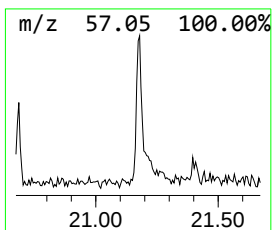
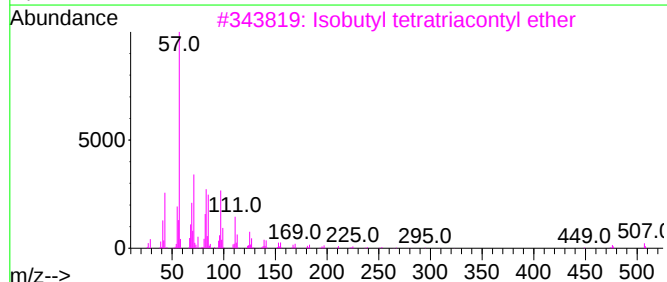
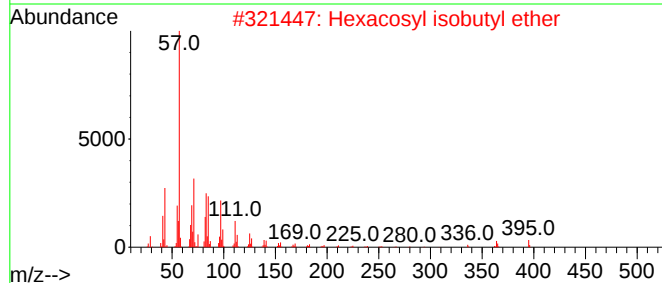
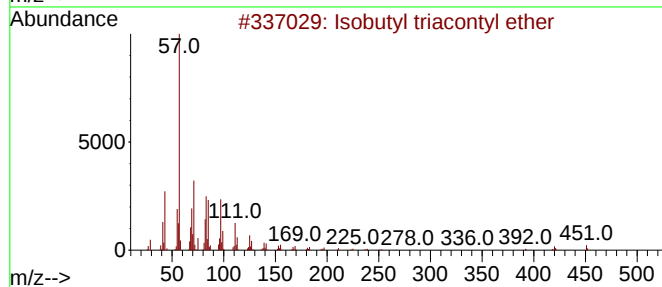
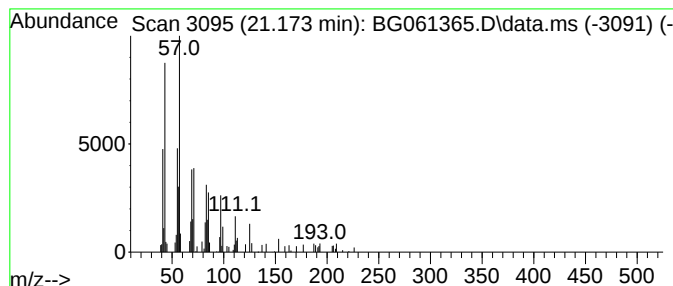
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Isobutyl triacontyl ether Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.173 | 3.06 ng/ul | 73724 | Chrysene-d12     | 21.508 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------------------|-----|---------|--------------|------|
| 1    |    |   | Isobutyl triacontyl ether      | 495 | C34H70O | 1000406-33-5 | 86   |
| 2    |    |   | Hexacosyl isobutyl ether       | 438 | C30H62O | 1000406-33-3 | 86   |
| 3    |    |   | Isobutyl tetratriacontyl ether | 551 | C38H78O | 1000406-33-7 | 86   |
| 4    |    |   | Isobutyl octacosyl ether       | 467 | C32H66O | 1000406-33-4 | 86   |
| 5    |    |   | Dotriacontyl isobutyl ether    | 523 | C36H74O | 1010406-33-6 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG053024\  
Data File : BG061365.D  
Acq On : 30 May 2024 18:33  
Operator : MA/JU  
Sample : P2570-15  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH5R1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 3.076  | 62.0    | ng/ul | 406219   | 1                     | 7.871  | 131114 | 20.0 |
| (S)-(+)-1,2-Pro... | 3.605  | 2.9     | ng/ul | 18974    | 1                     | 7.871  | 131114 | 20.0 |
| Isobutyl triaco... | 21.173 | 3.1     | ng/ul | 73724    | 5                     | 21.508 | 481354 | 20.0 |