

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080724\  
 Data File : BG062304.D  
 Acq On : 7 Aug 2024 16:04  
 Operator : MA/JU  
 Sample : P3359-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E1GF0

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-BG080524.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG062304.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         | 3.423       | 20            | 23          | 28           | rVB2     | 9646           | 15269         | 0.68%           | 0.077%        |
| 2         | 4.164       | 147           | 149         | 154          | rVB5     | 3765           | 5825          | 0.26%           | 0.029%        |
| 3         | 4.275       | 163           | 168         | 169          | rBV4     | 1435           | 2472          | 0.11%           | 0.012%        |
| 4         | 5.074       | 300           | 304         | 308          | rBV5     | 1892           | 3323          | 0.15%           | 0.017%        |
| 5         | 5.503       | 373           | 377         | 380          | rBV2     | 1940           | 2741          | 0.12%           | 0.014%        |
| 6         | 6.008       | 459           | 463         | 468          | rBV4     | 2709           | 3868          | 0.17%           | 0.019%        |
| 7         | 6.613       | 560           | 566         | 569          | rBV4     | 2504           | 3539          | 0.16%           | 0.018%        |
| 8         | 7.113       | 644           | 651         | 660          | rBV      | 101470         | 181815        | 8.09%           | 0.912%        |
| 9         | 7.289       | 673           | 681         | 692          | rBV      | 188812         | 322778        | 14.36%          | 1.619%        |
| 10        | 7.489       | 708           | 715         | 726          | rBV2     | 229313         | 403644        | 17.96%          | 2.024%        |
| 11        | 7.958       | 787           | 795         | 802          | rBV      | 199789         | 350963        | 15.62%          | 1.760%        |
| 12        | 8.023       | 802           | 806         | 812          | rVB2     | 36853          | 58306         | 2.59%           | 0.292%        |
| 13        | 8.258       | 843           | 846         | 855          | rVB5     | 1091           | 2781          | 0.12%           | 0.014%        |
| 14        | 8.652       | 906           | 913         | 922          | rBV2     | 262137         | 452458        | 20.13%          | 2.269%        |
| 15        | 8.775       | 926           | 934         | 943          | rVB      | 29077          | 52412         | 2.33%           | 0.263%        |
| 16        | 9.051       | 975           | 981         | 985          | rBV2     | 17289          | 30507         | 1.36%           | 0.153%        |
| 17        | 9.110       | 985           | 991         | 1000         | rVV      | 241418         | 428750        | 19.08%          | 2.150%        |
| 18        | 9.221       | 1003          | 1010        | 1017         | rVV5     | 4751           | 12181         | 0.54%           | 0.061%        |
| 19        | 9.274       | 1017          | 1019        | 1025         | rVB3     | 2458           | 4083          | 0.18%           | 0.020%        |
| 20        | 9.832       | 1107          | 1114        | 1121         | rBV      | 197911         | 346145        | 15.40%          | 1.736%        |
| 21        | 9.956       | 1131          | 1135        | 1140         | rBV4     | 2739           | 4983          | 0.22%           | 0.025%        |
| 22        | 10.056      | 1148          | 1152        | 1156         | rVB2     | 1796           | 2601          | 0.12%           | 0.013%        |
| 23        | 10.238      | 1177          | 1183        | 1187         | rBV3     | 2088           | 3185          | 0.14%           | 0.016%        |
| 24        | 10.367      | 1197          | 1205        | 1214         | rBV      | 342011         | 612303        | 27.25%          | 3.071%        |
| 25        | 10.537      | 1228          | 1234        | 1239         | rBV6     | 8803           | 15988         | 0.71%           | 0.080%        |
| 26        | 10.655      | 1250          | 1254        | 1261         | rVB3     | 11455          | 18566         | 0.83%           | 0.093%        |
| 27        | 10.755      | 1263          | 1271        | 1277         | rVV      | 317489         | 580809        | 25.84%          | 2.913%        |
| 28        | 10.808      | 1277          | 1280        | 1285         | rVV4     | 11073          | 15980         | 0.71%           | 0.080%        |
| 29        | 10.878      | 1285          | 1292        | 1303         | rVV      | 123715         | 234951        | 10.45%          | 1.178%        |
| 30        | 11.289      | 1356          | 1362        | 1367         | rVV2     | 2999           | 4896          | 0.22%           | 0.025%        |
| 31        | 11.354      | 1367          | 1373        | 1375         | rVV2     | 3246           | 5078          | 0.23%           | 0.025%        |
| 32        | 11.395      | 1375          | 1380        | 1386         | rVB2     | 5624           | 9613          | 0.43%           | 0.048%        |
| 33        | 12.129      | 1502          | 1505        | 1511         | rVB6     | 2568           | 4559          | 0.20%           | 0.023%        |
| 34        | 12.335      | 1534          | 1540        | 1545         | rBV      | 6229           | 8405          | 0.37%           | 0.042%        |
| 35        | 12.946      | 1640          | 1644        | 1649         | rVV3     | 5135           | 7712          | 0.34%           | 0.039%        |
| 36        | 13.146      | 1673          | 1678        | 1681         | rBV3     | 2297           | 3243          | 0.14%           | 0.016%        |

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ClientSampleId :  
E1GF0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

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Max Peaks: 100

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-BG080524.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 13.193 | 1681 | 1686 | 1693 | rVB3 | 11480 | 16610 | 0.74% | 0.083% |
| 38 | 13.422 | 1719 | 1725 | 1729 | rBV  | 5817  | 9146  | 0.41% | 0.046% |
| 39 | 13.486 | 1731 | 1736 | 1739 | rVV3 | 4053  | 4661  | 0.21% | 0.023% |
| 40 | 13.551 | 1742 | 1747 | 1752 | rVB2 | 1795  | 2928  | 0.13% | 0.015% |

|    |        |      |      |      |     |        |         |        |        |
|----|--------|------|------|------|-----|--------|---------|--------|--------|
| 41 | 13.821 | 1789 | 1793 | 1797 | rBV | 2543   | 3465    | 0.15%  | 0.017% |
| 42 | 13.986 | 1813 | 1821 | 1836 | rBV | 721640 | 1013568 | 45.10% | 5.083% |
| 43 | 14.268 | 1860 | 1869 | 1877 | rBV | 759839 | 1224104 | 54.47% | 6.139% |
| 44 | 14.420 | 1891 | 1895 | 1898 | rBV | 1626   | 2327    | 0.10%  | 0.012% |
| 45 | 14.579 | 1913 | 1922 | 1929 | rVB | 583619 | 924641  | 41.14% | 4.637% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 46 | 14.661 | 1932 | 1936 | 1941 | rVB3 | 4922   | 6324   | 0.28% | 0.032% |
| 47 | 14.749 | 1945 | 1951 | 1957 | rBV  | 115344 | 184516 | 8.21% | 0.925% |
| 48 | 14.984 | 1987 | 1991 | 1995 | rBV5 | 2308   | 3313   | 0.15% | 0.017% |
| 49 | 15.249 | 2030 | 2036 | 2043 | rVB  | 7282   | 12220  | 0.54% | 0.061% |
| 50 | 15.390 | 2054 | 2060 | 2067 | rVB4 | 12365  | 20013  | 0.89% | 0.100% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 15.566 | 2083 | 2090 | 2101 | rVB  | 1049279 | 1604282 | 71.39% | 8.046% |
| 52 | 15.672 | 2102 | 2108 | 2119 | rBV  | 238366  | 350979  | 15.62% | 1.760% |
| 53 | 15.807 | 2128 | 2131 | 2136 | rVB4 | 3994    | 6050    | 0.27%  | 0.030% |
| 54 | 15.930 | 2147 | 2152 | 2160 | rVB  | 11342   | 16348   | 0.73%  | 0.082% |
| 55 | 16.153 | 2183 | 2190 | 2191 | rBV3 | 1567    | 3020    | 0.13%  | 0.015% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 16.917 | 2318 | 2320 | 2324 | rBV4 | 1991    | 2729    | 0.12%  | 0.014% |
| 57 | 17.316 | 2378 | 2388 | 2397 | rVB  | 702775  | 1039280 | 46.25% | 5.212% |
| 58 | 17.416 | 2397 | 2405 | 2413 | rBV  | 1167923 | 1759741 | 78.31% | 8.825% |
| 59 | 17.610 | 2434 | 2438 | 2442 | rVB  | 9487    | 11754   | 0.52%  | 0.059% |
| 60 | 17.992 | 2498 | 2503 | 2509 | rBV  | 147396  | 187372  | 8.34%  | 0.940% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 18.156 | 2527 | 2531 | 2536 | rVB2 | 1715  | 2625  | 0.12% | 0.013% |
| 62 | 18.215 | 2536 | 2541 | 2548 | rBV4 | 19025 | 30031 | 1.34% | 0.151% |
| 63 | 18.286 | 2548 | 2553 | 2557 | rVV  | 12592 | 16635 | 0.74% | 0.083% |
| 64 | 19.073 | 2683 | 2687 | 2695 | rVB5 | 2607  | 5194  | 0.23% | 0.026% |
| 65 | 19.261 | 2715 | 2719 | 2724 | rVB3 | 15337 | 21775 | 0.97% | 0.109% |

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 66 | 19.331 | 2727 | 2731 | 2737 | rVV  | 13921   | 20944   | 0.93%  | 0.105%  |
| 67 | 19.408 | 2739 | 2744 | 2747 | rVB5 | 2268    | 3059    | 0.14%  | 0.015%  |
| 68 | 19.490 | 2754 | 2758 | 2761 | rBV5 | 11528   | 14136   | 0.63%  | 0.071%  |
| 69 | 19.643 | 2779 | 2784 | 2787 | rBV5 | 6366    | 7676    | 0.34%  | 0.038%  |
| 70 | 19.696 | 2787 | 2793 | 2802 | rVV  | 1518205 | 2108442 | 93.82% | 10.574% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 19.942 | 2830 | 2835 | 2839 | rBV4 | 6809 | 9317 | 0.41% | 0.047% |
| 72 | 20.688 | 2958 | 2962 | 2963 | rBV2 | 5889 | 5738 | 0.26% | 0.029% |
| 73 | 21.147 | 3037 | 3040 | 3041 | rBV3 | 2082 | 2478 | 0.11% | 0.012% |
| 74 | 21.252 | 3052 | 3058 | 3061 | rBV7 | 4579 | 7952 | 0.35% | 0.040% |
| 75 | 21.481 | 3094 | 3097 | 3099 | rVB4 | 6457 | 6190 | 0.28% | 0.031% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 76 | 21.558 | 3100 | 3110 | 3119 | rBV2 | 709500 | 1199507 | 53.38% | 6.016% |
|----|--------|------|------|------|------|--------|---------|--------|--------|

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Instrument :  
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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-BG080524.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 77 | 21.769 | 3144 | 3146 | 3147 | rBV2 | 3490   | 3579    | 0.16%   | 0.018%  |
| 78 | 22.304 | 3235 | 3237 | 3241 | rVB5 | 3225   | 2792    | 0.12%   | 0.014%  |
| 79 | 22.386 | 3249 | 3251 | 3255 | rVB4 | 5865   | 4964    | 0.22%   | 0.025%  |
| 80 | 22.462 | 3262 | 3264 | 3265 | rBV  | 5088   | 3602    | 0.16%   | 0.018%  |
| 81 | 22.727 | 3305 | 3309 | 3314 | rBV6 | 5073   | 8353    | 0.37%   | 0.042%  |
| 82 | 22.938 | 3342 | 3345 | 3346 | rBV3 | 2506   | 2387    | 0.11%   | 0.012%  |
| 83 | 23.009 | 3351 | 3357 | 3362 | rBV4 | 32599  | 62024   | 2.76%   | 0.311%  |
| 84 | 23.837 | 3492 | 3498 | 3505 | rVB4 | 15026  | 32730   | 1.46%   | 0.164%  |
| 85 | 23.907 | 3507 | 3510 | 3511 | rBV3 | 2664   | 2547    | 0.11%   | 0.013%  |
| 86 | 24.436 | 3589 | 3600 | 3618 | rBV  | 855259 | 2247290 | 100.00% | 11.271% |
| 87 | 24.648 | 3625 | 3636 | 3647 | rVV  | 479518 | 1273105 | 56.65%  | 6.385%  |
| 88 | 24.753 | 3648 | 3654 | 3661 | rVB6 | 19278  | 47183   | 2.10%   | 0.237%  |
| 89 | 25.329 | 3748 | 3752 | 3755 | rBV5 | 2232   | 3876    | 0.17%   | 0.019%  |
| 90 | 25.852 | 3834 | 3841 | 3849 | rVB6 | 15753  | 45864   | 2.04%   | 0.230%  |
| 91 | 26.569 | 3961 | 3963 | 3966 | rBV3 | 2285   | 2341    | 0.10%   | 0.012%  |
| 92 | 27.174 | 4055 | 4066 | 4078 | rVB4 | 16592  | 60366   | 2.69%   | 0.303%  |
| 93 | 28.742 | 4327 | 4333 | 4347 | rVB9 | 10512  | 39856   | 1.77%   | 0.200%  |
| 94 | 29.758 | 4504 | 4506 | 4507 | rBV2 | 2472   | 2329    | 0.10%   | 0.012%  |
| 95 | 30.622 | 4651 | 4653 | 4655 | rBV3 | 3650   | 3752    | 0.17%   | 0.019%  |
| 96 | 31.891 | 4867 | 4869 | 4873 | rBV5 | 2010   | 2690    | 0.12%   | 0.013%  |

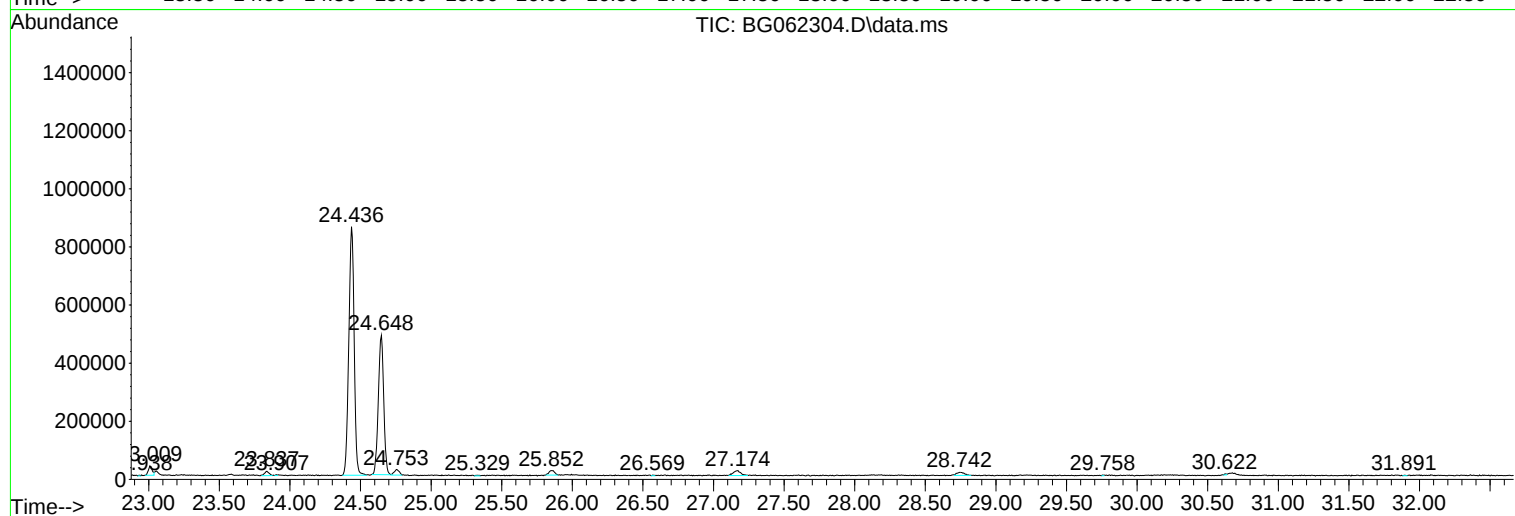
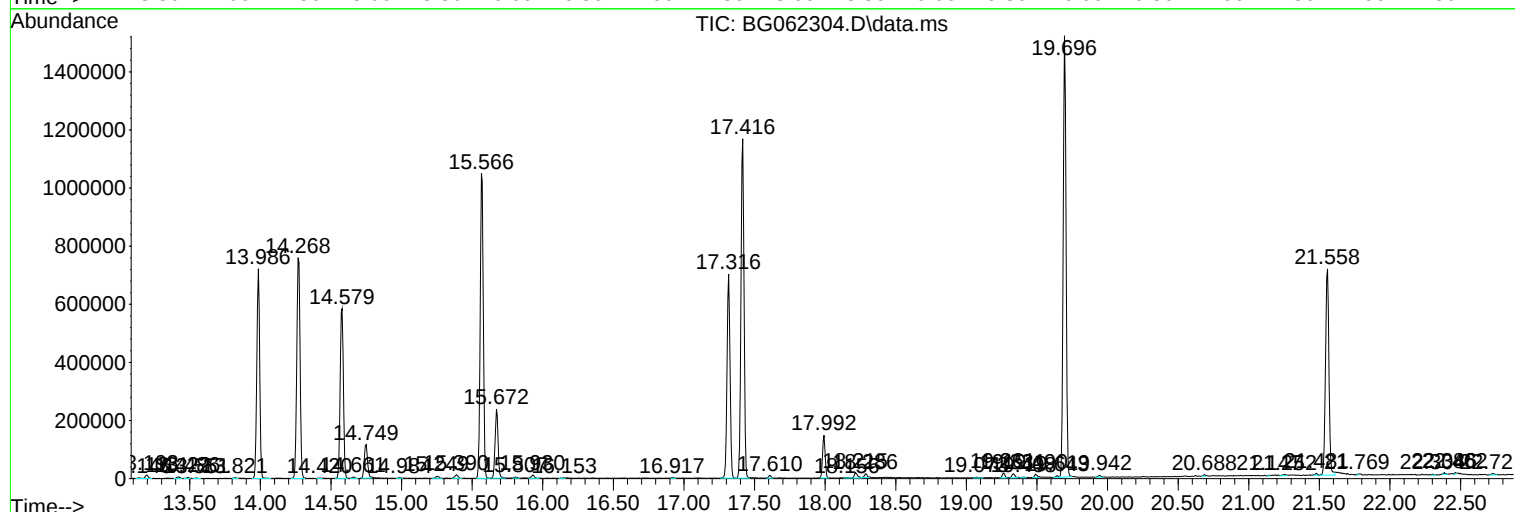
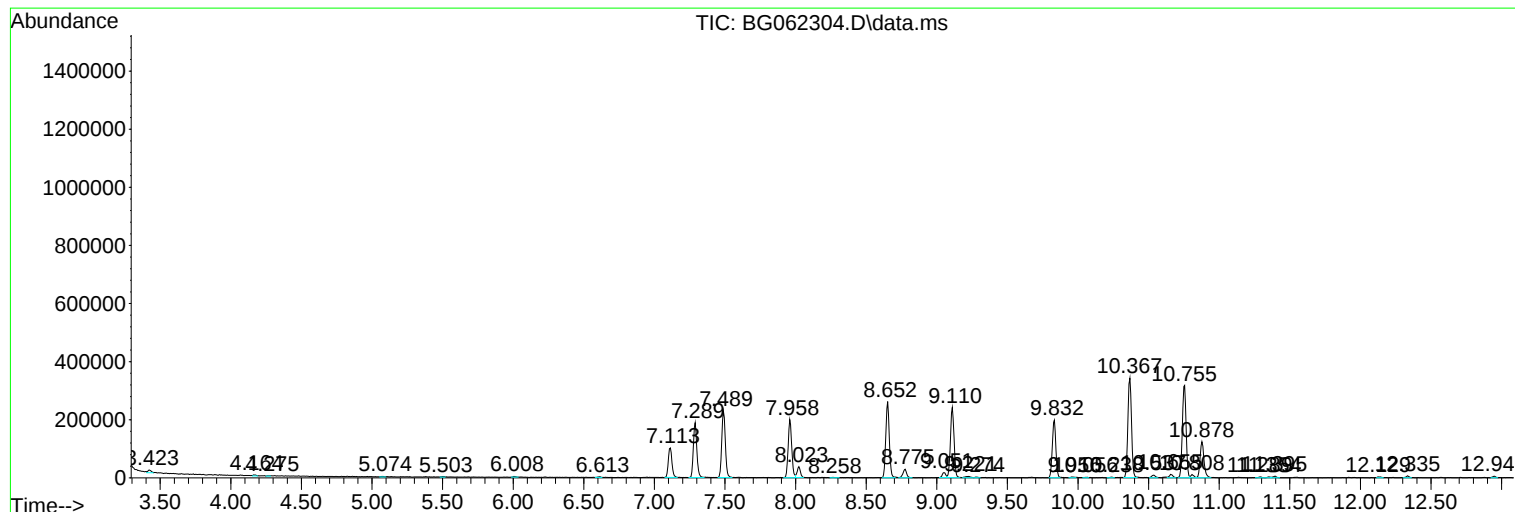
Sum of corrected areas: 19939452

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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



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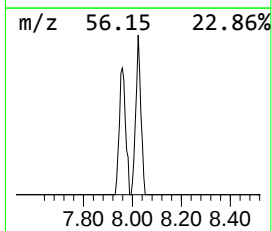
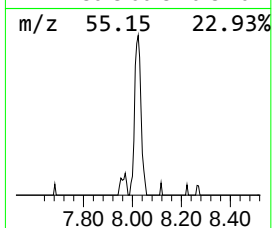
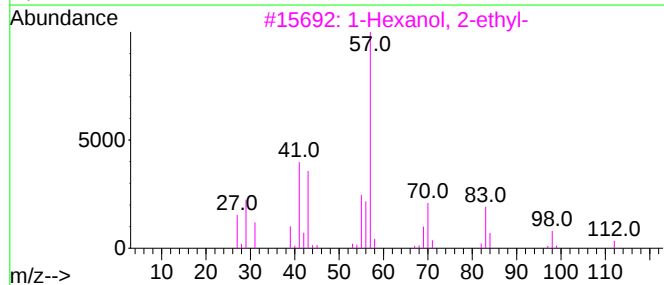
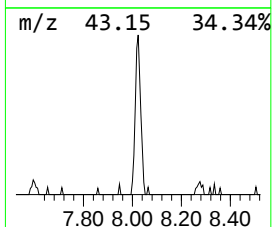
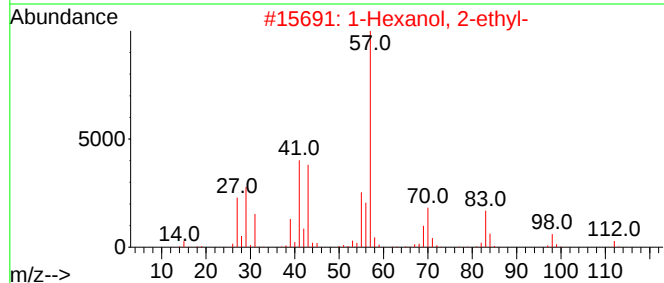
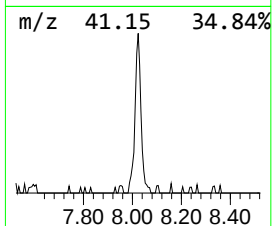
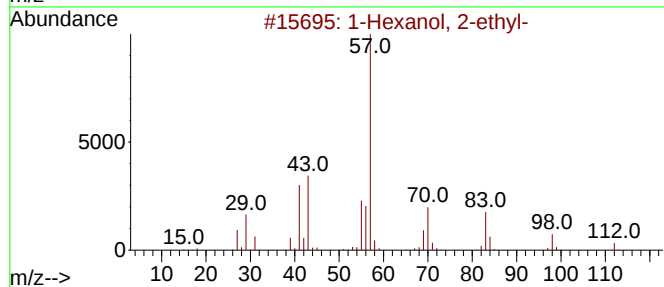
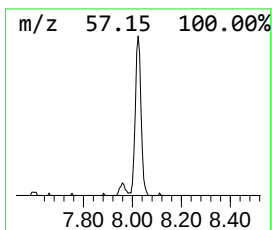
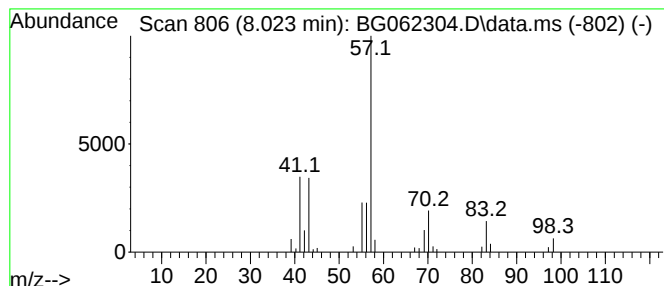
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.023 | 3.32 ng/ul | 58306 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 59   |
| 2    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 59   |
| 3    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 59   |
| 4    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 59   |
| 5    | 1-Pentanol, 2-ethyl-4-methyl- |   |              | 130 | C8H18O  | 000106-67-2 | 45   |



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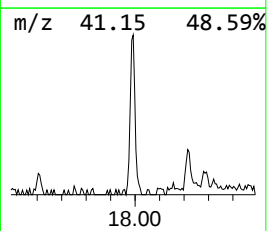
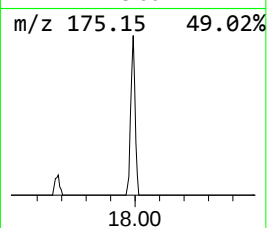
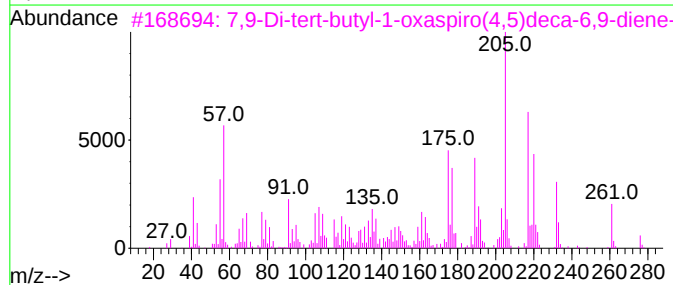
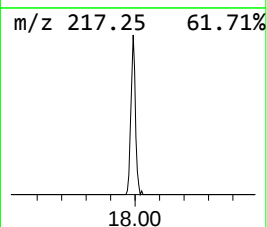
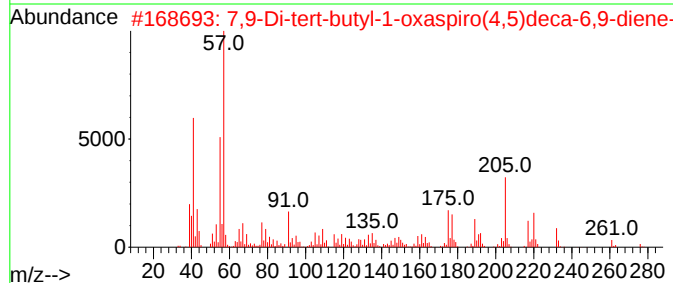
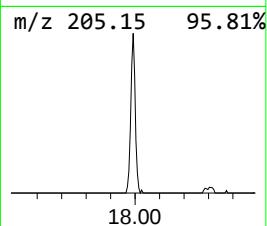
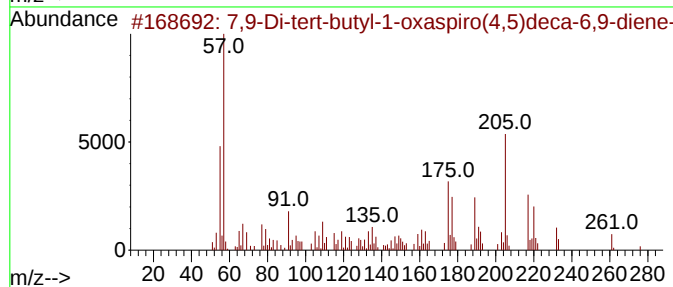
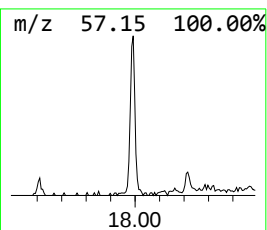
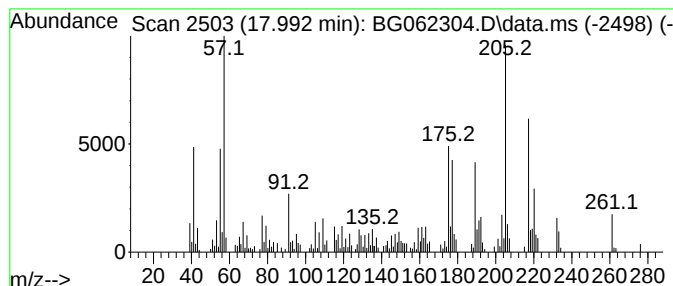
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.992 | 3.61 ng/ul | 187372 | Phenanthrene-d10 | 17.316 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 99      |      |      |
| 2    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 90      |      |      |
| 3    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 55      |      |      |
| 4    | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2     | 071596-88-8 | 47      |      |      |
| 5    | Butylated Hydroxytoluene            | 220 | C15H24O      | 000128-37-0 | 42      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080724\  
Data File : BG062304.D  
Acq On : 7 Aug 2024 16:04  
Operator : MA/JU  
Sample : P3359-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E1GF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.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 |
| 1-Hexanol, 2-et... | 8.023  | 3.3     | ng/ul | 58306    | 1                     | 7.958  | 350963  | 20.0 |
| 7,9-Di-tert-but... | 17.992 | 3.6     | ng/ul | 187372   | 4                     | 17.316 | 1039280 | 20.0 |