

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
 Data File : BG063839.D  
 Acq On : 26 Dec 2024 17:39  
 Operator : RC/JU  
 Sample : P5324-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YE5X5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

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-BG121124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG063839.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         | 3.664       | 94            | 98          | 109          | rBV      | 256890         | 427871        | 12.39%          | 1.342%        |
| 2         | 5.397       | 391           | 393         | 396          | rBV      | 7729           | 8690          | 0.25%           | 0.027%        |
| 3         | 6.402       | 562           | 564         | 566          | rBV3     | 5810           | 4971          | 0.14%           | 0.016%        |
| 4         | 6.983       | 657           | 663         | 673          | rVB      | 361074         | 616243        | 17.84%          | 1.933%        |
| 5         | 7.130       | 681           | 688         | 700          | rVB      | 293933         | 482642        | 13.97%          | 1.514%        |
| 6         | 7.336       | 716           | 723         | 732          | rBV      | 333453         | 556868        | 16.12%          | 1.747%        |
| 7         | 7.606       | 766           | 769         | 770          | rBV3     | 7226           | 7405          | 0.21%           | 0.023%        |
| 8         | 7.794       | 795           | 801         | 808          | rVB      | 311587         | 510615        | 14.78%          | 1.602%        |
| 9         | 8.517       | 918           | 924         | 938          | rVB      | 424489         | 730863        | 21.16%          | 2.293%        |
| 10        | 8.781       | 965           | 969         | 971          | rBV2     | 5598           | 6940          | 0.20%           | 0.022%        |
| 11        | 8.952       | 991           | 998         | 1012         | rBV      | 356312         | 630959        | 18.27%          | 1.979%        |
| 12        | 9.122       | 1025          | 1027        | 1032         | rVB4     | 10633          | 11080         | 0.32%           | 0.035%        |
| 13        | 9.240       | 1046          | 1047        | 1051         | rVB3     | 4804           | 5178          | 0.15%           | 0.016%        |
| 14        | 9.298       | 1055          | 1057        | 1058         | rBV2     | 7556           | 5513          | 0.16%           | 0.017%        |
| 15        | 9.369       | 1066          | 1069        | 1070         | rBV3     | 9666           | 9291          | 0.27%           | 0.029%        |
| 16        | 9.510       | 1087          | 1093        | 1097         | rBV3     | 38189          | 63616         | 1.84%           | 0.200%        |
| 17        | 9.674       | 1113          | 1121        | 1127         | rBV      | 294691         | 537058        | 15.55%          | 1.685%        |
| 18        | 10.133      | 1195          | 1199        | 1200         | rBV2     | 4091           | 5103          | 0.15%           | 0.016%        |
| 19        | 10.150      | 1200          | 1202        | 1204         | rVV      | 6696           | 5936          | 0.17%           | 0.019%        |
| 20        | 10.221      | 1207          | 1214        | 1226         | rBV      | 428016         | 790979        | 22.90%          | 2.481%        |
| 21        | 10.585      | 1269          | 1276        | 1286         | rVB      | 446720         | 773102        | 22.38%          | 2.425%        |
| 22        | 10.726      | 1293          | 1300        | 1311         | rBV2     | 397985         | 765816        | 22.17%          | 2.403%        |
| 23        | 11.143      | 1368          | 1371        | 1378         | rVB6     | 10659          | 22812         | 0.66%           | 0.072%        |
| 24        | 11.590      | 1445          | 1447        | 1449         | rVB2     | 5808           | 5371          | 0.16%           | 0.017%        |
| 25        | 11.778      | 1475          | 1479        | 1480         | rVB      | 6725           | 7101          | 0.21%           | 0.022%        |
| 26        | 11.795      | 1480          | 1482        | 1486         | rBV3     | 4577           | 5625          | 0.16%           | 0.018%        |
| 27        | 11.913      | 1500          | 1502        | 1505         | rVB3     | 5317           | 4997          | 0.14%           | 0.016%        |
| 28        | 12.013      | 1516          | 1519        | 1521         | rBV4     | 7583           | 5749          | 0.17%           | 0.018%        |
| 29        | 12.101      | 1533          | 1534        | 1538         | rVB2     | 5690           | 6177          | 0.18%           | 0.019%        |
| 30        | 12.177      | 1545          | 1547        | 1548         | rBV      | 7916           | 5179          | 0.15%           | 0.016%        |
| 31        | 12.254      | 1558          | 1560        | 1563         | rVB2     | 5887           | 5883          | 0.17%           | 0.018%        |
| 32        | 12.283      | 1563          | 1565        | 1567         | rBV2     | 7259           | 6352          | 0.18%           | 0.020%        |
| 33        | 12.307      | 1567          | 1569        | 1571         | rBV2     | 6541           | 5483          | 0.16%           | 0.017%        |
| 34        | 12.553      | 1606          | 1611        | 1615         | rBV2     | 7639           | 12653         | 0.37%           | 0.040%        |
| 35        | 12.630      | 1621          | 1624        | 1626         | rBV2     | 5410           | 5729          | 0.17%           | 0.018%        |
| 36        | 12.653      | 1626          | 1628        | 1632         | rVV4     | 4637           | 5967          | 0.17%           | 0.019%        |

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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-BG121124.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 12.824 | 1654 | 1657 | 1659 | rBV2 | 6026  | 6348  | 0.18% | 0.020% |
| 38 | 13.264 | 1728 | 1732 | 1735 | rBV3 | 18909 | 23069 | 0.67% | 0.072% |
| 39 | 13.646 | 1794 | 1797 | 1800 | rVB4 | 6325  | 8045  | 0.23% | 0.025% |
| 40 | 13.670 | 1800 | 1801 | 1804 | rBV  | 8868  | 6975  | 0.20% | 0.022% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 41 | 13.734 | 1806 | 1812 | 1814 | rBV5 | 3929   | 6592    | 0.19%  | 0.021% |
| 42 | 13.846 | 1821 | 1831 | 1840 | rBV  | 944335 | 1377091 | 39.87% | 4.320% |
| 43 | 13.917 | 1842 | 1843 | 1847 | rVB  | 9335   | 9015    | 0.26%  | 0.028% |
| 44 | 13.958 | 1847 | 1850 | 1851 | rBV2 | 6053   | 5255    | 0.15%  | 0.016% |
| 45 | 13.969 | 1851 | 1852 | 1857 | rVB4 | 5382   | 5376    | 0.16%  | 0.017% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 46 | 14.052 | 1862 | 1866 | 1867 | rBV2 | 3561    | 5113    | 0.15%  | 0.016% |
| 47 | 14.128 | 1872 | 1879 | 1889 | rBV2 | 1029704 | 1653243 | 47.87% | 5.187% |
| 48 | 14.269 | 1901 | 1903 | 1906 | rVB4 | 5805    | 5406    | 0.16%  | 0.017% |
| 49 | 14.439 | 1924 | 1932 | 1940 | rBV  | 798648  | 1247908 | 36.13% | 3.915% |
| 50 | 14.539 | 1948 | 1949 | 1952 | rVB2 | 5677    | 5705    | 0.17%  | 0.018% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 14.575 | 1952 | 1955 | 1958 | rBV3 | 5362   | 6307   | 0.18%  | 0.020% |
| 52 | 14.674 | 1966 | 1972 | 1985 | rBV  | 311195 | 633964 | 18.36% | 1.989% |
| 53 | 14.992 | 2023 | 2026 | 2029 | rVB2 | 7375   | 9253   | 0.27%  | 0.029% |
| 54 | 15.039 | 2032 | 2034 | 2038 | rVV4 | 3826   | 5317   | 0.15%  | 0.017% |
| 55 | 15.086 | 2038 | 2042 | 2044 | rVV5 | 5244   | 5227   | 0.15%  | 0.016% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 15.221 | 2064 | 2065 | 2069 | rVB3 | 6120    | 5923    | 0.17%  | 0.019% |
| 57 | 15.262 | 2069 | 2072 | 2074 | rBV4 | 5310    | 6685    | 0.19%  | 0.021% |
| 58 | 15.432 | 2095 | 2101 | 2109 | rBV  | 1440222 | 2214372 | 64.11% | 6.947% |
| 59 | 15.568 | 2119 | 2124 | 2134 | rBV  | 354534  | 570191  | 16.51% | 1.789% |
| 60 | 15.803 | 2158 | 2164 | 2169 | rBV  | 383203  | 557541  | 16.14% | 1.749% |

|    |        |      |      |      |      |       |      |       |        |
|----|--------|------|------|------|------|-------|------|-------|--------|
| 61 | 16.120 | 2215 | 2218 | 2219 | rBV  | 6190  | 5711 | 0.17% | 0.018% |
| 62 | 16.208 | 2232 | 2233 | 2239 | rVB6 | 5979  | 9071 | 0.26% | 0.028% |
| 63 | 16.349 | 2255 | 2257 | 2260 | rBV3 | 4811  | 5809 | 0.17% | 0.018% |
| 64 | 16.402 | 2265 | 2266 | 2268 | rBV  | 11339 | 6227 | 0.18% | 0.020% |
| 65 | 16.578 | 2293 | 2296 | 2299 | rVB5 | 4396  | 5793 | 0.17% | 0.018% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 66 | 16.690 | 2312 | 2315 | 2318 | rBV4 | 4773 | 5532  | 0.16% | 0.017% |
| 67 | 16.731 | 2318 | 2322 | 2324 | rVB4 | 6303 | 7392  | 0.21% | 0.023% |
| 68 | 16.801 | 2333 | 2334 | 2337 | rBV3 | 8511 | 6733  | 0.19% | 0.021% |
| 69 | 16.983 | 2357 | 2365 | 2366 | rBV6 | 8029 | 17341 | 0.50% | 0.054% |
| 70 | 17.072 | 2379 | 2380 | 2383 | rBV3 | 6354 | 5669  | 0.16% | 0.018% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 17.113 | 2385 | 2387 | 2391 | rVV5 | 8260    | 8221    | 0.24%  | 0.026% |
| 72 | 17.189 | 2391 | 2400 | 2409 | rVV2 | 1152803 | 1786847 | 51.74% | 5.606% |
| 73 | 17.289 | 2409 | 2417 | 2429 | rVV  | 1836735 | 2821340 | 81.69% | 8.851% |
| 74 | 17.371 | 2429 | 2431 | 2436 | rVB6 | 6865    | 8593    | 0.25%  | 0.027% |
| 75 | 17.477 | 2448 | 2449 | 2452 | rBV2 | 5380    | 5532    | 0.16%  | 0.017% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 17.583 | 2464 | 2467 | 2469 | rVB4 | 5775 | 5676 | 0.16% | 0.018% |
|----|--------|------|------|------|------|------|------|-------|--------|

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Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 17.924 | 2523 | 2525 | 2526 | rBV2 | 13434   | 9597    | 0.28%   | 0.030%  |
| 78  | 17.965 | 2531 | 2532 | 2536 | rVB3 | 8408    | 8250    | 0.24%   | 0.026%  |
| 79  | 18.047 | 2544 | 2546 | 2550 | rBV4 | 4886    | 6773    | 0.20%   | 0.021%  |
| 80  | 18.094 | 2550 | 2554 | 2561 | rBV8 | 41251   | 84479   | 2.45%   | 0.265%  |
| 81  | 18.276 | 2581 | 2585 | 2587 | rBV5 | 7543    | 9477    | 0.27%   | 0.030%  |
| 82  | 18.388 | 2599 | 2604 | 2611 | rBV7 | 22878   | 45104   | 1.31%   | 0.142%  |
| 83  | 18.511 | 2623 | 2625 | 2628 | rBV4 | 15008   | 15232   | 0.44%   | 0.048%  |
| 84  | 18.799 | 2672 | 2674 | 2679 | rVB6 | 6742    | 10428   | 0.30%   | 0.033%  |
| 85  | 18.887 | 2687 | 2689 | 2691 | rVB3 | 8178    | 6345    | 0.18%   | 0.020%  |
| 86  | 18.917 | 2691 | 2694 | 2695 | rBV3 | 8865    | 7768    | 0.22%   | 0.024%  |
| 87  | 18.934 | 2695 | 2697 | 2700 | rVV3 | 7263    | 7919    | 0.23%   | 0.025%  |
| 88  | 19.028 | 2707 | 2713 | 2715 | rBV7 | 10669   | 24205   | 0.70%   | 0.076%  |
| 89  | 19.152 | 2730 | 2734 | 2739 | rVB5 | 34173   | 48903   | 1.42%   | 0.153%  |
| 90  | 19.193 | 2739 | 2741 | 2743 | rBV2 | 6004    | 6402    | 0.19%   | 0.020%  |
| 91  | 19.222 | 2743 | 2746 | 2754 | rVB2 | 27125   | 50620   | 1.47%   | 0.159%  |
| 92  | 19.363 | 2768 | 2770 | 2771 | rBV  | 8843    | 5327    | 0.15%   | 0.017%  |
| 93  | 19.516 | 2794 | 2796 | 2800 | rVB5 | 8696    | 9502    | 0.28%   | 0.030%  |
| 94  | 19.592 | 2802 | 2809 | 2822 | rVV  | 2382497 | 3453828 | 100.00% | 10.836% |
| 95  | 19.980 | 2873 | 2875 | 2878 | rBV4 | 9699    | 7081    | 0.21%   | 0.022%  |
| 96  | 21.102 | 3062 | 3066 | 3076 | rBV2 | 180527  | 311336  | 9.01%   | 0.977%  |
| 97  | 21.443 | 3118 | 3124 | 3138 | rVB  | 1254958 | 2047622 | 59.29%  | 6.424%  |
| 98  | 21.619 | 3151 | 3154 | 3160 | rBV7 | 24064   | 45004   | 1.30%   | 0.141%  |
| 99  | 24.251 | 3593 | 3602 | 3617 | rVB  | 1254120 | 3288943 | 95.23%  | 10.318% |
| 100 | 24.457 | 3628 | 3637 | 3651 | rVB2 | 799830  | 2211677 | 64.04%  | 6.939%  |

Sum of corrected areas: 31875047

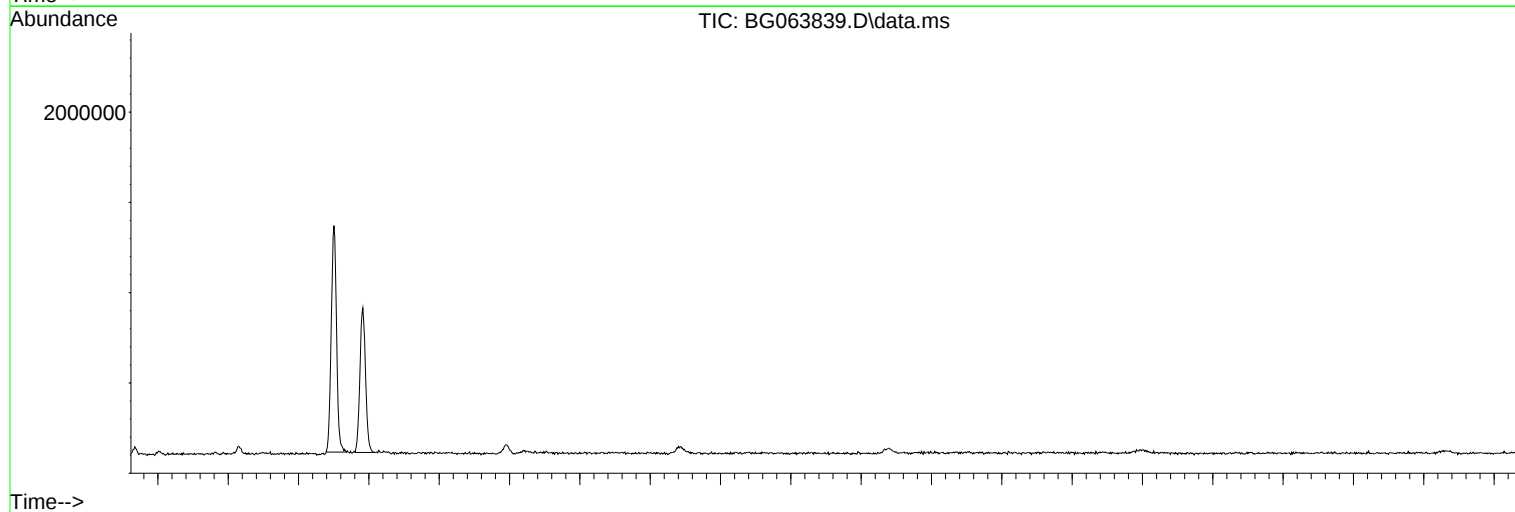
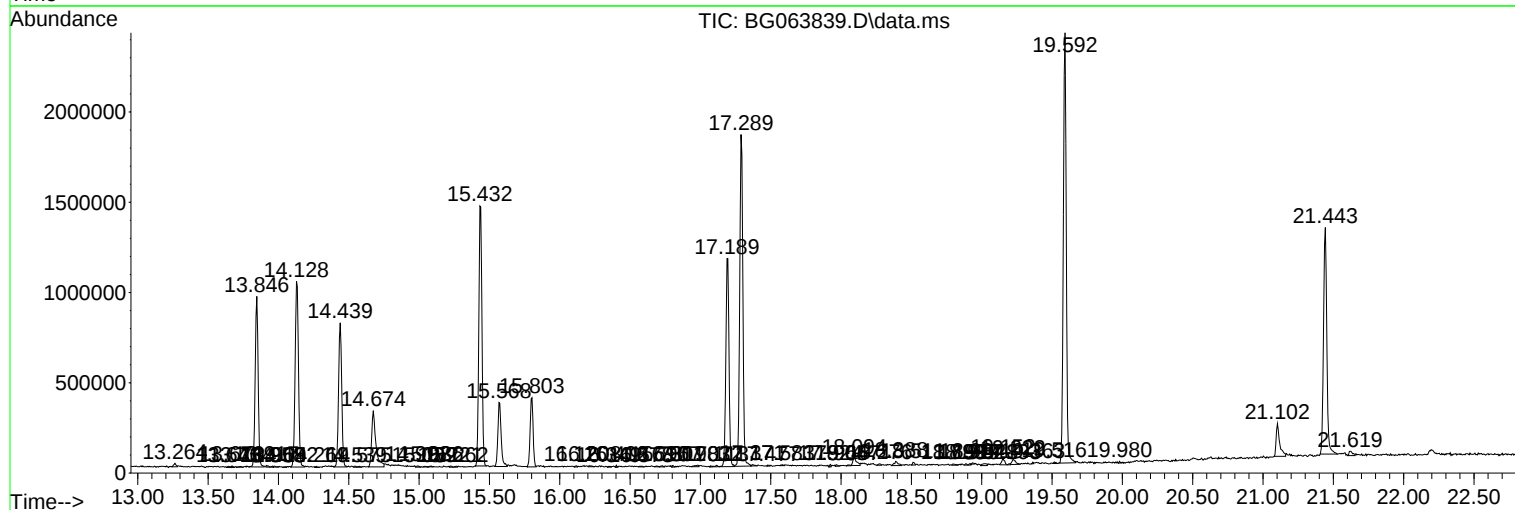
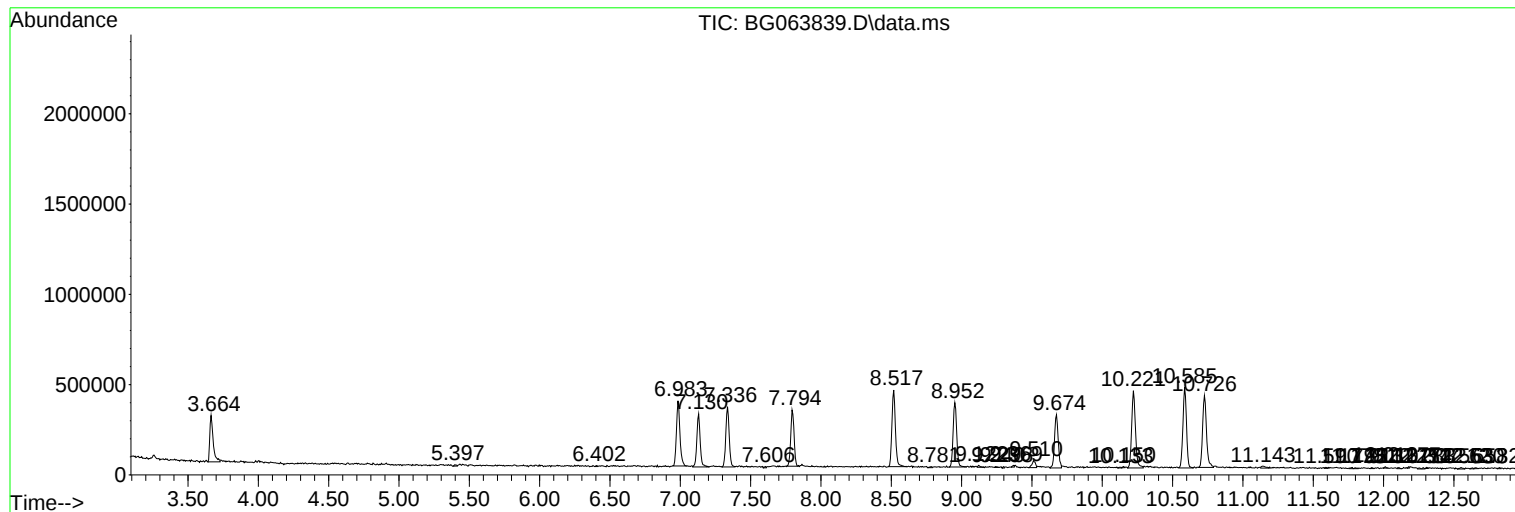
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P



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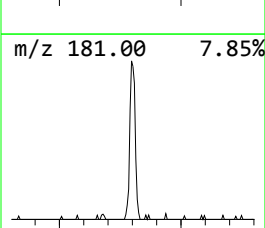
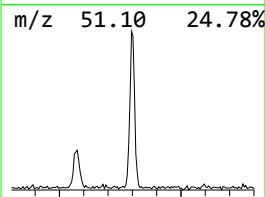
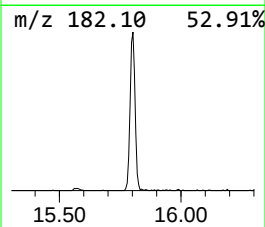
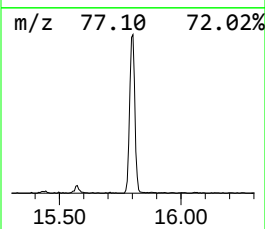
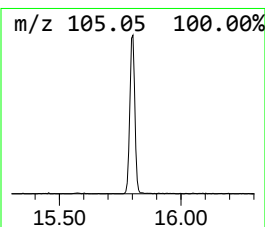
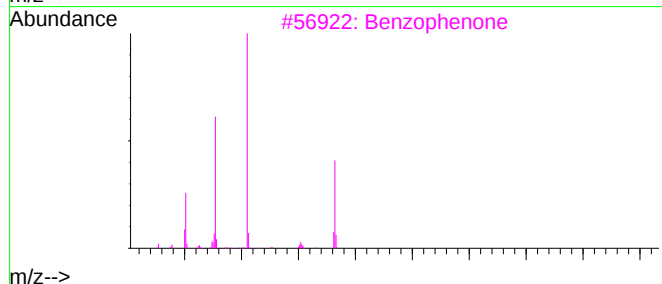
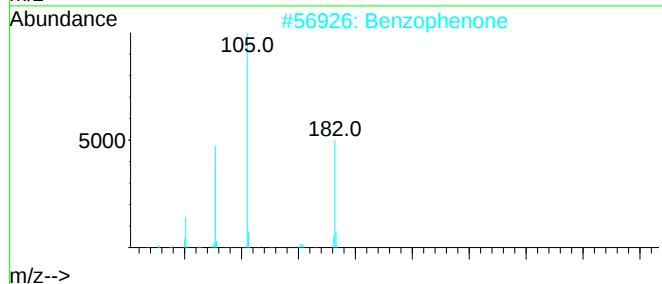
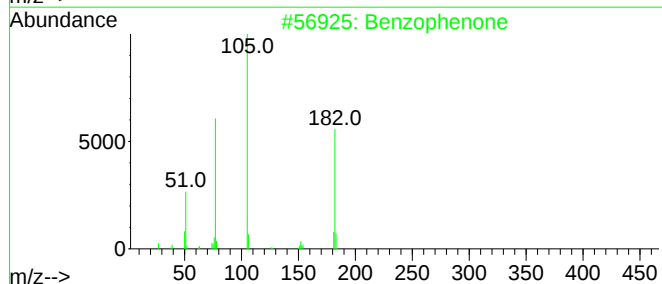
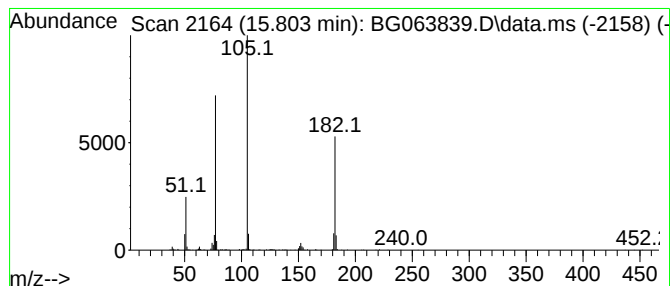
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.803 | 8.94 ng/ul | 557541 | Acenaphthene-d10 | 14.439 |

| Hit# of 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|-----------|--------------|-----|----------|-------------|------|
| 1         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 94   |
| 2         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 91   |
| 3         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 91   |
| 4         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 87   |
| 5         | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 59   |



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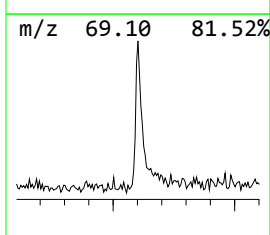
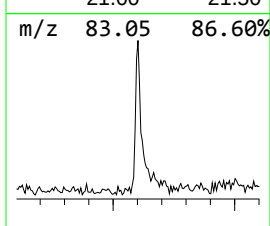
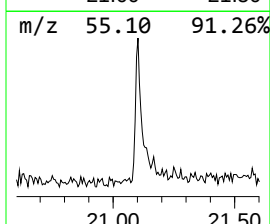
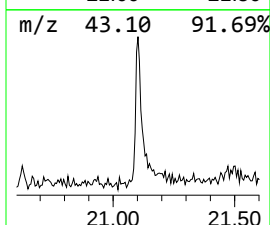
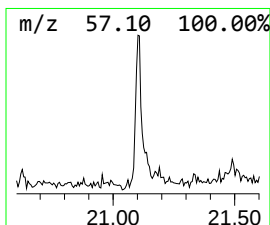
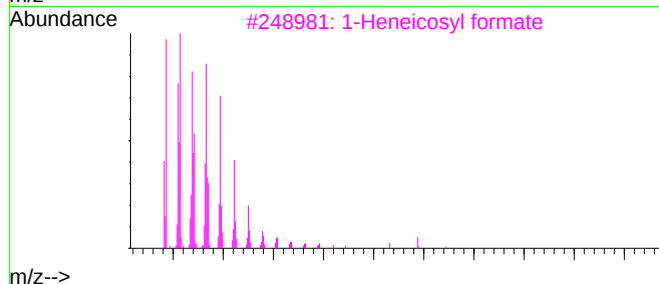
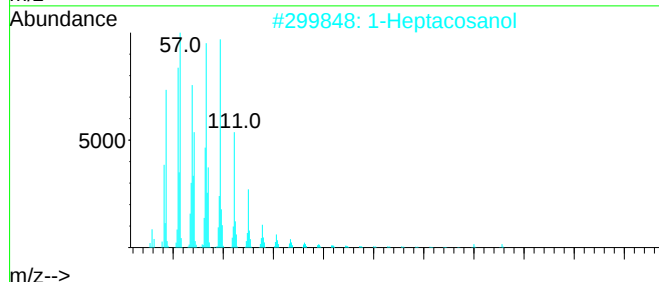
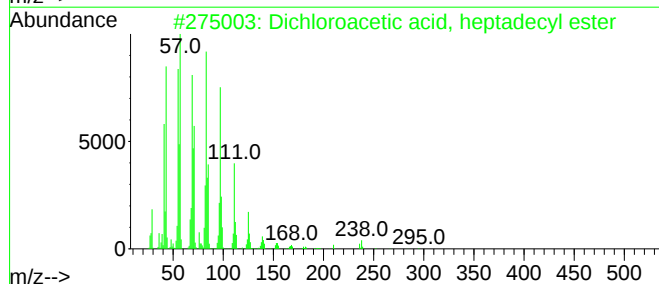
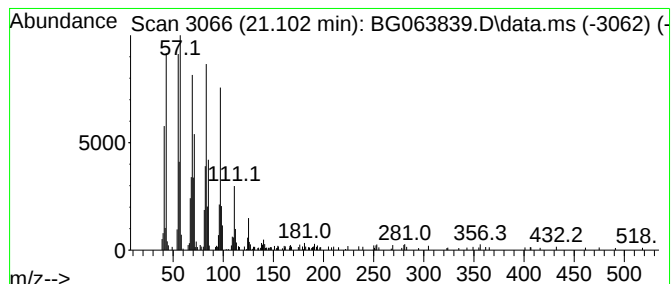
\*\*\*\*\*

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.102 | 3.04 ng/ul | 311336 | Chrysene-d12     | 21.443 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|-----------|-------------------------------------|-----|-------------|--------------|------|
| 1         | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 90   |
| 2         | 1-Heptacosanol                      | 396 | C27H56O     | 002004-39-9  | 90   |
| 3         | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 90   |
| 4         | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 90   |
| 5         | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2  | 005454-48-8  | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
Data File : BG063839.D  
Acq On : 26 Dec 2024 17:39  
Operator : RC/JU  
Sample : P5324-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YE5X5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.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 |
| Benzophenone       | 15.803 | 8.9     | ng/ul | 557541   | 3                     | 14.439 | 1247910 | 20.0 |
| Dichloroacetic ... | 21.102 | 3.0     | ng/ul | 311336   | 5                     | 21.443 | 2047620 | 20.0 |