

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
 Data File : BG058189.D  
 Acq On : 12 Jul 2023 16:35  
 Operator : CG/JU  
 Sample : 03387-13  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EX7Z7

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-BG070123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG058189.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         | 3.140       | 4             | 9           | 16           | rBV      | 1094090        | 1474599       | 39.50%          | 7.994%        |
| 2         | 3.216       | 16            | 22          | 51           | rVB      | 2132385        | 3733055       | 100.00%         | 20.238%       |
| 3         | 4.051       | 160           | 164         | 169          | rVB      | 7247           | 10866         | 0.29%           | 0.059%        |
| 4         | 4.157       | 178           | 182         | 186          | rVB3     | 4337           | 6426          | 0.17%           | 0.035%        |
| 5         | 4.403       | 219           | 224         | 230          | rVB4     | 10698          | 17343         | 0.46%           | 0.094%        |
| 6         | 4.685       | 267           | 272         | 279          | rVB      | 16645          | 25429         | 0.68%           | 0.138%        |
| 7         | 5.061       | 332           | 336         | 342          | rVB4     | 5231           | 6959          | 0.19%           | 0.038%        |
| 8         | 5.432       | 394           | 399         | 402          | rBV3     | 6013           | 8678          | 0.23%           | 0.047%        |
| 9         | 5.608       | 424           | 429         | 439          | rVB      | 10326          | 20793         | 0.56%           | 0.113%        |
| 10        | 5.866       | 464           | 473         | 478          | rBV3     | 64888          | 137412        | 3.68%           | 0.745%        |
| 11        | 5.907       | 478           | 480         | 486          | rVB2     | 9844           | 13350         | 0.36%           | 0.072%        |
| 12        | 5.978       | 488           | 492         | 498          | rBV4     | 4446           | 6637          | 0.18%           | 0.036%        |
| 13        | 6.248       | 532           | 538         | 544          | rBV      | 26106          | 41414         | 1.11%           | 0.225%        |
| 14        | 6.595       | 590           | 597         | 605          | rBV      | 168173         | 289422        | 7.75%           | 1.569%        |
| 15        | 7.130       | 681           | 688         | 702          | rBV      | 143264         | 250440        | 6.71%           | 1.358%        |
| 16        | 7.294       | 710           | 716         | 724          | rBV      | 107072         | 178663        | 4.79%           | 0.969%        |
| 17        | 7.506       | 743           | 752         | 761          | rBV      | 132516         | 250139        | 6.70%           | 1.356%        |
| 18        | 7.588       | 761           | 766         | 773          | rVB6     | 4250           | 8145          | 0.22%           | 0.044%        |
| 19        | 7.688       | 778           | 783         | 787          | rBV2     | 4497           | 8090          | 0.22%           | 0.044%        |
| 20        | 7.970       | 824           | 831         | 838          | rBV      | 159632         | 264236        | 7.08%           | 1.432%        |
| 21        | 8.046       | 838           | 844         | 849          | rBV2     | 10305          | 16771         | 0.45%           | 0.091%        |
| 22        | 8.140       | 854           | 860         | 867          | rVB      | 35777          | 63311         | 1.70%           | 0.343%        |
| 23        | 8.222       | 867           | 874         | 879          | rBV2     | 47365          | 85221         | 2.28%           | 0.462%        |
| 24        | 8.287       | 879           | 885         | 893          | rVB      | 430036         | 719114        | 19.26%          | 3.898%        |
| 25        | 8.387       | 899           | 902         | 906          | rVB6     | 3009           | 4178          | 0.11%           | 0.023%        |
| 26        | 8.569       | 927           | 933         | 935          | rBV6     | 2682           | 4019          | 0.11%           | 0.022%        |
| 27        | 8.675       | 944           | 951         | 957          | rBV      | 171341         | 305194        | 8.18%           | 1.655%        |
| 28        | 8.734       | 957           | 961         | 965          | rVV3     | 13006          | 22624         | 0.61%           | 0.123%        |
| 29        | 8.792       | 966           | 971         | 982          | rVB      | 21682          | 45315         | 1.21%           | 0.246%        |
| 30        | 8.963       | 995           | 1000        | 1006         | rVB      | 19628          | 33801         | 0.91%           | 0.183%        |
| 31        | 9.074       | 1014          | 1019        | 1022         | rBV      | 2564           | 4043          | 0.11%           | 0.022%        |
| 32        | 9.133       | 1022          | 1029        | 1038         | rVV      | 133153         | 237501        | 6.36%           | 1.288%        |
| 33        | 9.227       | 1040          | 1045        | 1048         | rVV2     | 4769           | 8382          | 0.22%           | 0.045%        |
| 34        | 9.268       | 1048          | 1052        | 1062         | rVB3     | 9755           | 18546         | 0.50%           | 0.101%        |
| 35        | 9.856       | 1145          | 1152        | 1162         | rVB      | 107790         | 194008        | 5.20%           | 1.052%        |
| 36        | 9.967       | 1162          | 1171        | 1175         | rBV5     | 3170           | 5661          | 0.15%           | 0.031%        |

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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-BG070123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 10.208 | 1209 | 1212 | 1217 | rVB5 | 2732   | 4519   | 0.12%  | 0.024% |
| 38 | 10.396 | 1237 | 1244 | 1257 | rBV  | 173874 | 343135 | 9.19%  | 1.860% |
| 39 | 10.778 | 1295 | 1309 | 1316 | rBV  | 239877 | 440061 | 11.79% | 2.386% |
| 40 | 10.907 | 1324 | 1331 | 1343 | rBV  | 145201 | 264425 | 7.08%  | 1.434% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 41 | 11.583 | 1439 | 1446 | 1452 | rBV6 | 2732 | 6611 | 0.18% | 0.036% |
| 42 | 12.717 | 1635 | 1639 | 1645 | rBV2 | 6219 | 9481 | 0.25% | 0.051% |
| 43 | 12.823 | 1651 | 1657 | 1659 | rBV3 | 4086 | 5736 | 0.15% | 0.031% |
| 44 | 12.852 | 1659 | 1662 | 1667 | rVB2 | 3128 | 4425 | 0.12% | 0.024% |
| 45 | 13.410 | 1751 | 1757 | 1763 | rVB2 | 5206 | 6435 | 0.17% | 0.035% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 13.475 | 1763 | 1768 | 1774 | rBV4 | 4192   | 7916   | 0.21%  | 0.043% |
| 47 | 13.998 | 1850 | 1857 | 1864 | rBV  | 322225 | 463278 | 12.41% | 2.512% |
| 48 | 14.233 | 1891 | 1897 | 1898 | rBV3 | 6126   | 7180   | 0.19%  | 0.039% |
| 49 | 14.292 | 1901 | 1907 | 1921 | rVB2 | 378963 | 607477 | 16.27% | 3.293% |
| 50 | 14.597 | 1953 | 1959 | 1968 | rBV  | 407674 | 635969 | 17.04% | 3.448% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 14.797 | 1987 | 1993 | 2006 | rBV  | 97960  | 197353 | 5.29%  | 1.070% |
| 52 | 14.944 | 2014 | 2018 | 2026 | rVB7 | 4239   | 7399   | 0.20%  | 0.040% |
| 53 | 15.590 | 2120 | 2128 | 2137 | rBV  | 503873 | 739925 | 19.82% | 4.011% |
| 54 | 15.702 | 2142 | 2147 | 2160 | rBV  | 113661 | 176923 | 4.74%  | 0.959% |
| 55 | 16.148 | 2216 | 2223 | 2225 | rBV5 | 1945   | 3864   | 0.10%  | 0.021% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 17.024 | 2367 | 2372 | 2378 | rBV2 | 60421  | 80661  | 2.16%  | 0.437% |
| 57 | 17.118 | 2385 | 2388 | 2394 | rVB4 | 2139   | 4177   | 0.11%  | 0.023% |
| 58 | 17.341 | 2419 | 2426 | 2435 | rBV  | 532934 | 798101 | 21.38% | 4.327% |
| 59 | 17.441 | 2436 | 2443 | 2451 | rVV  | 500269 | 775700 | 20.78% | 4.205% |
| 60 | 17.993 | 2531 | 2537 | 2542 | rBV3 | 10825  | 13331  | 0.36%  | 0.072% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 61 | 18.222 | 2572 | 2576 | 2584 | rBV6 | 2824 | 6891  | 0.18% | 0.037% |
| 62 | 18.769 | 2664 | 2669 | 2672 | rBV6 | 3303 | 5629  | 0.15% | 0.031% |
| 63 | 18.792 | 2672 | 2673 | 2683 | rVB5 | 4042 | 5941  | 0.16% | 0.032% |
| 64 | 18.951 | 2695 | 2700 | 2705 | rBV6 | 2653 | 5387  | 0.14% | 0.029% |
| 65 | 19.021 | 2708 | 2712 | 2717 | rBV3 | 7061 | 10257 | 0.27% | 0.056% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 19.074 | 2717 | 2721 | 2724 | rBV4 | 3743   | 5330   | 0.14%  | 0.029% |
| 67 | 19.162 | 2732 | 2736 | 2739 | rBV5 | 8583   | 10264  | 0.27%  | 0.056% |
| 68 | 19.292 | 2753 | 2758 | 2767 | rVB8 | 11589  | 20881  | 0.56%  | 0.113% |
| 69 | 19.638 | 2813 | 2817 | 2824 | rBV6 | 3402   | 5293   | 0.14%  | 0.029% |
| 70 | 19.727 | 2825 | 2832 | 2841 | rBV  | 638417 | 919364 | 24.63% | 4.984% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 19.938 | 2865 | 2868 | 2878 | rVB6 | 4158 | 9025 | 0.24% | 0.049% |
| 72 | 20.114 | 2894 | 2898 | 2900 | rVB3 | 3852 | 4951 | 0.13% | 0.027% |
| 73 | 20.185 | 2908 | 2910 | 2914 | rVB3 | 4198 | 5103 | 0.14% | 0.028% |
| 74 | 20.249 | 2917 | 2921 | 2923 | rVB4 | 3329 | 4309 | 0.12% | 0.023% |
| 75 | 20.737 | 3000 | 3004 | 3009 | rVV8 | 4371 | 7815 | 0.21% | 0.042% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 20.960 | 3039 | 3042 | 3046 | rVB4 | 4010 | 5573 | 0.15% | 0.030% |
|----|--------|------|------|------|------|------|------|-------|--------|

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Instrument :  
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 EX7Z7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

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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-BG070123.MA.M  
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|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 21.037 | 3051 | 3055 | 3063 | rVB  | 16131  | 21674  | 0.58%  | 0.117% |
| 78 | 21.472 | 3126 | 3129 | 3134 | rVB2 | 19032  | 24036  | 0.64%  | 0.130% |
| 79 | 21.595 | 3143 | 3150 | 3164 | rBV2 | 499993 | 848627 | 22.73% | 4.601% |
| 80 | 21.771 | 3178 | 3180 | 3185 | rVB5 | 4513   | 5766   | 0.15%  | 0.031% |
|    |        |      |      |      |      |        |        |        |        |
| 81 | 22.376 | 3278 | 3283 | 3287 | rBV5 | 8655   | 14729  | 0.39%  | 0.080% |
| 82 | 23.040 | 3389 | 3396 | 3406 | rBV3 | 72683  | 165881 | 4.44%  | 0.899% |
| 83 | 23.845 | 3528 | 3533 | 3540 | rVB2 | 18123  | 37410  | 1.00%  | 0.203% |
| 84 | 24.568 | 3643 | 3656 | 3674 | rBV2 | 322889 | 971091 | 26.01% | 5.265% |
| 85 | 24.785 | 3683 | 3693 | 3714 | rVB2 | 320800 | 969524 | 25.97% | 5.256% |
|    |        |      |      |      |      |        |        |        |        |
| 86 | 25.896 | 3873 | 3882 | 3893 | rVB3 | 28312  | 86502  | 2.32%  | 0.469% |
| 87 | 27.229 | 4101 | 4109 | 4120 | rVB4 | 23181  | 77950  | 2.09%  | 0.423% |
| 88 | 28.146 | 4263 | 4265 | 4269 | rBV5 | 2443   | 4417   | 0.12%  | 0.024% |
| 89 | 28.845 | 4376 | 4384 | 4393 | rVB6 | 18314  | 62505  | 1.67%  | 0.339% |

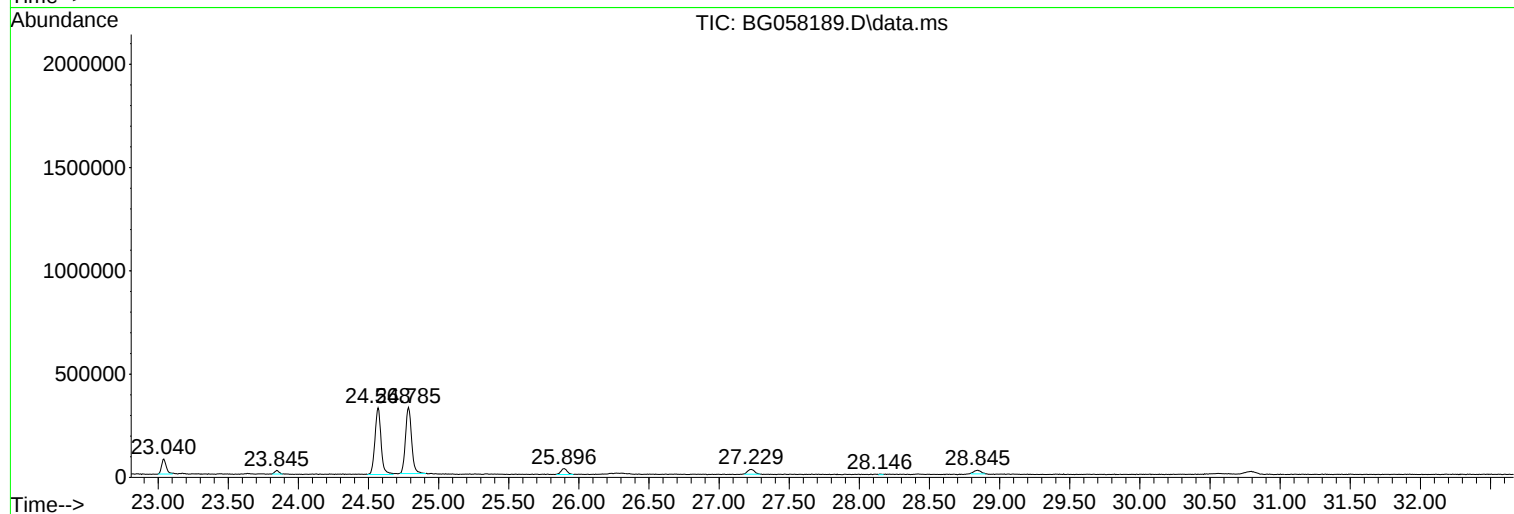
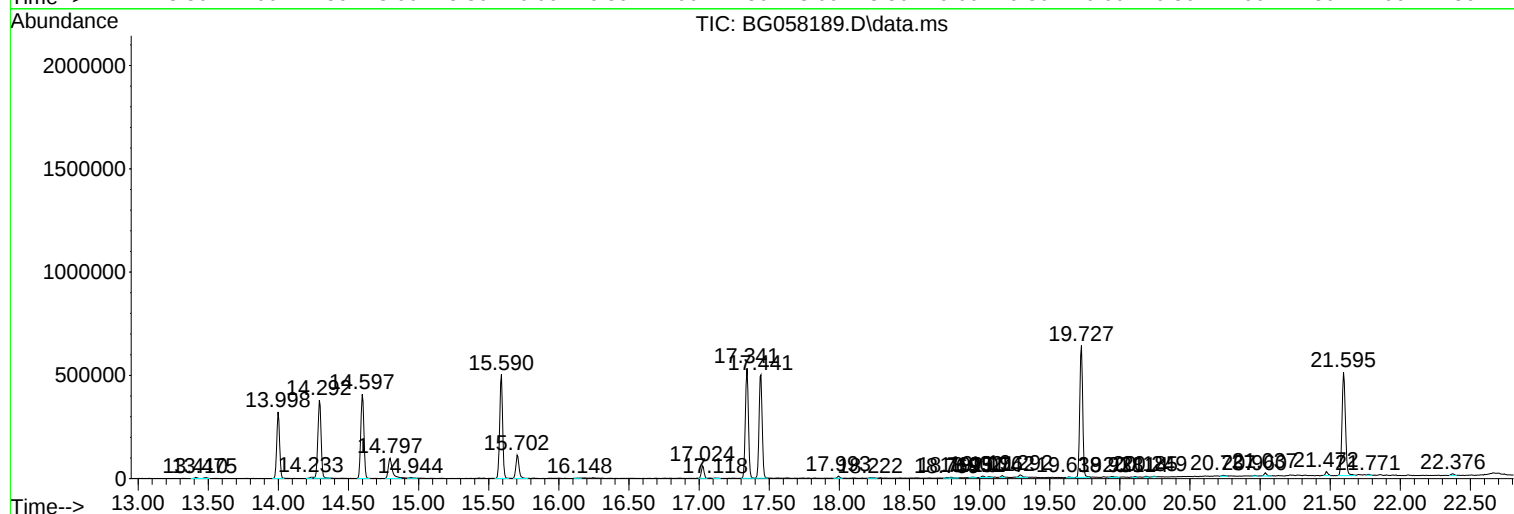
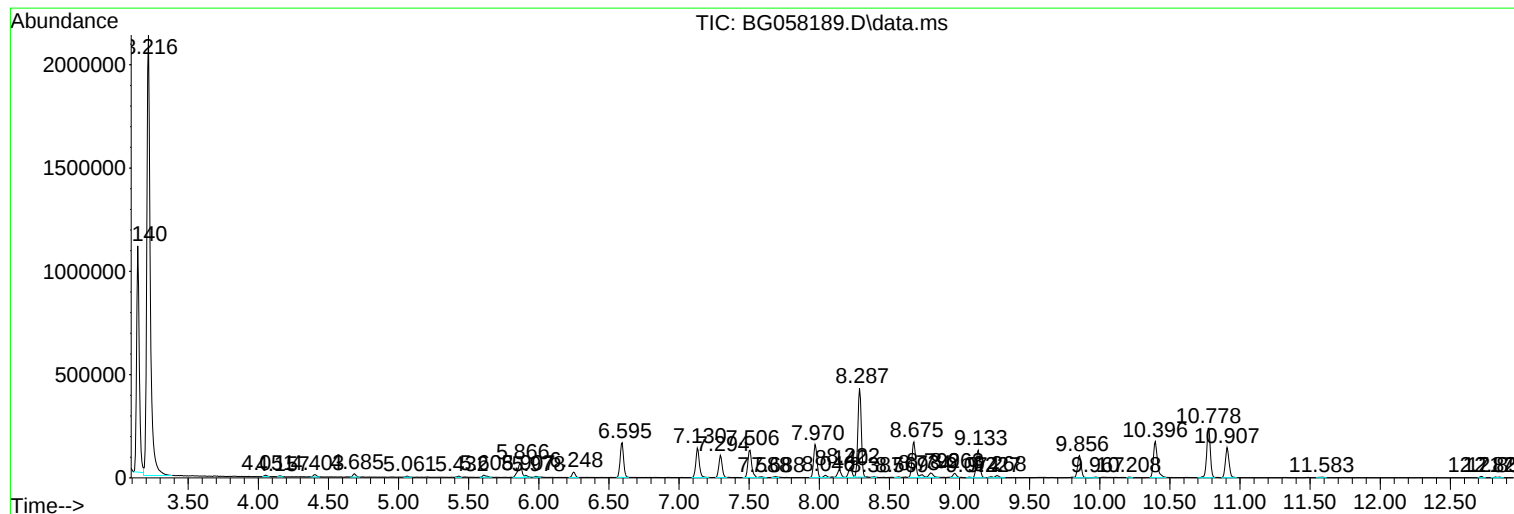
Sum of corrected areas: 18445992

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Data File : BG058189.D  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.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\BG071123\  
Data File : BG058189.D  
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ClientSampleId :  
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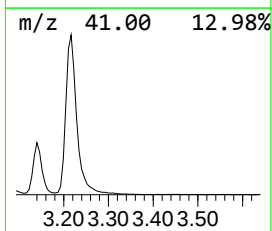
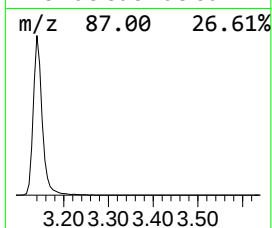
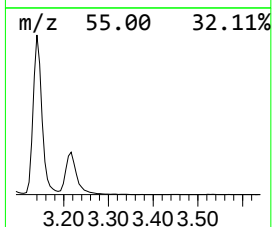
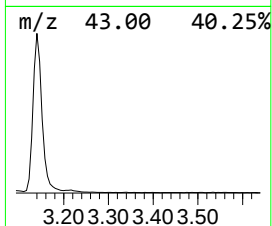
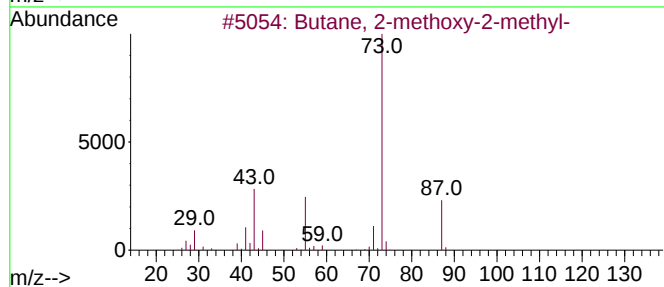
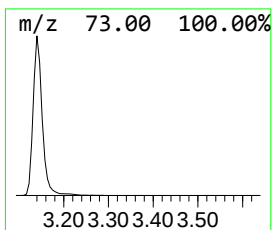
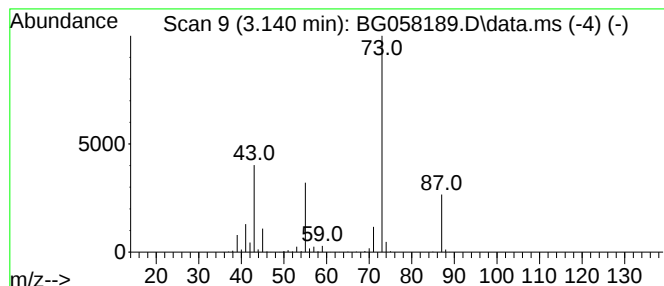
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 3.140 | 111.61 ng/ul | 1474600 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 56   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 4    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 5    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 23   |



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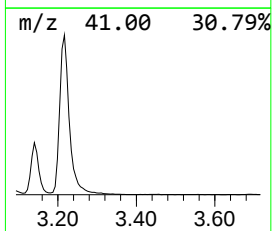
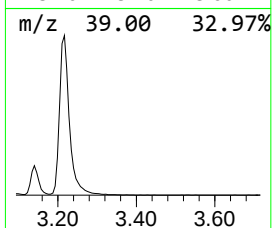
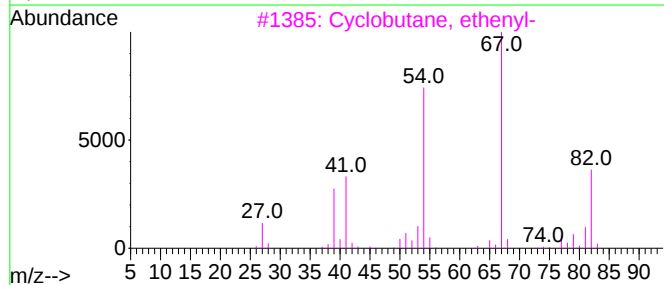
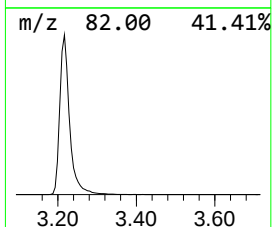
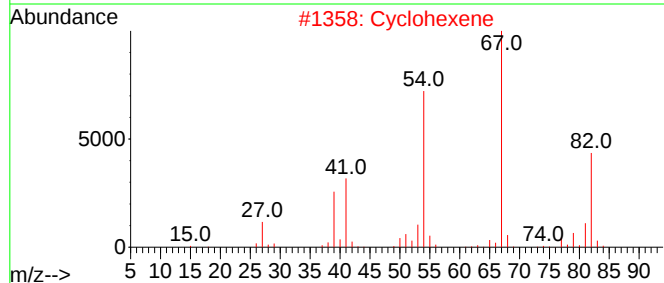
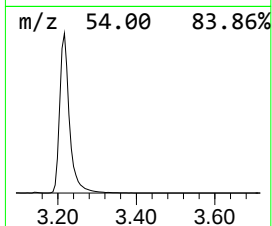
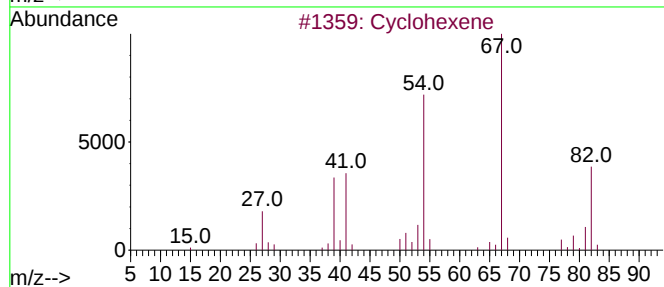
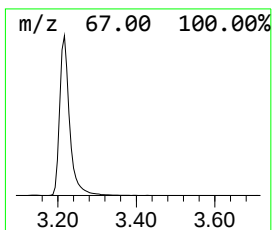
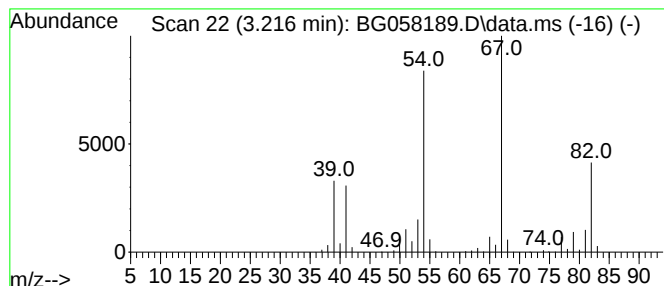
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Cyclohexene Concentration Rank 1

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 3.216 | 282.56 ng/ul | 3733060 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 95   |
| 2    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 91   |
| 3    |    |   | Cyclobutane, ethenyl- | 82 | C6H10   | 002597-49-1 | 91   |
| 4    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 91   |
| 5    |    |   | Ethylidenecyclobutane | 82 | C6H10   | 001528-21-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

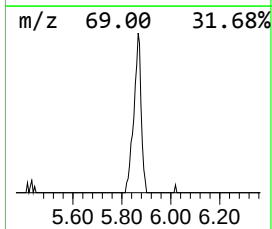
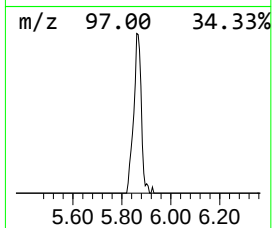
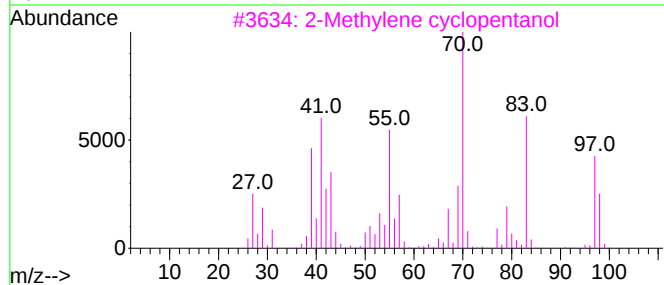
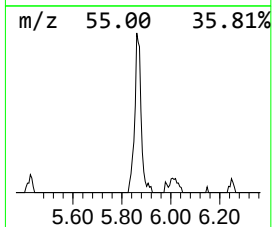
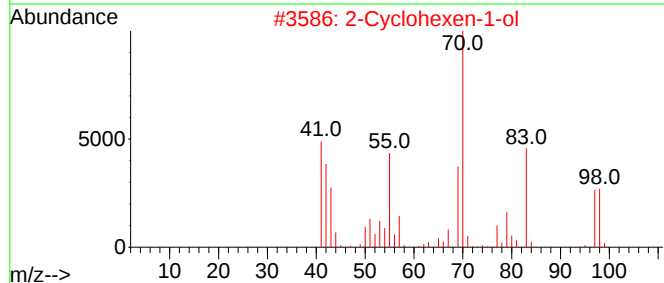
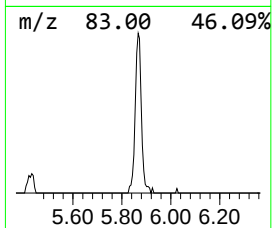
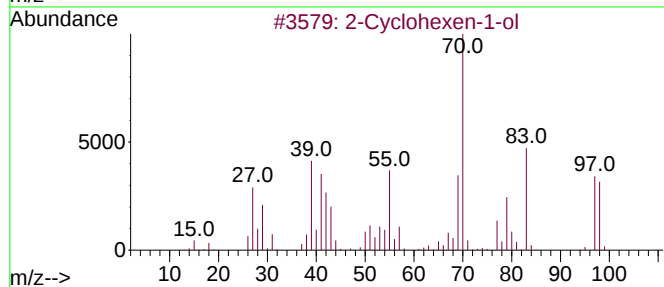
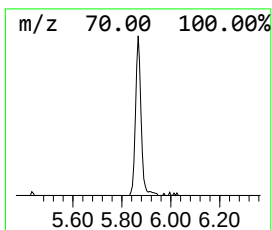
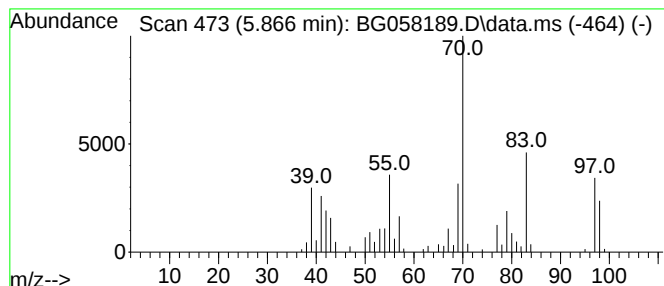
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 2-Cyclohexen-1-ol Concentration Rank 5

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.866 | 10.40 ng/ul | 137412 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of                        | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|---------------------------|---|--------------|----|---------|-------------|------|
| 1    | 2-Cyclohexen-1-ol         |   |              | 98 | C6H10O  | 000822-67-3 | 96   |
| 2    | 2-Cyclohexen-1-ol         |   |              | 98 | C6H10O  | 000822-67-3 | 90   |
| 3    | 2-Methylene cyclopentanol |   |              | 98 | C6H10O  | 020461-31-8 | 86   |
| 4    | 2-Cyclohexen-1-ol         |   |              | 98 | C6H10O  | 000822-67-3 | 81   |
| 5    | 2-Cyclohexen-1-ol         |   |              | 98 | C6H10O  | 000822-67-3 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

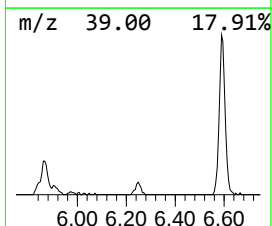
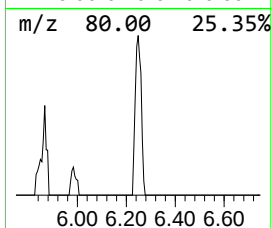
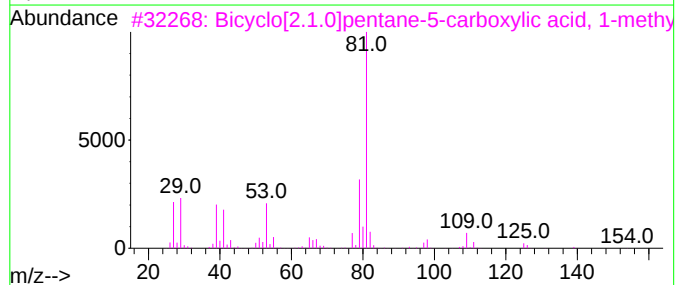
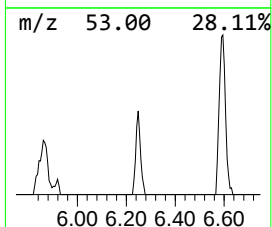
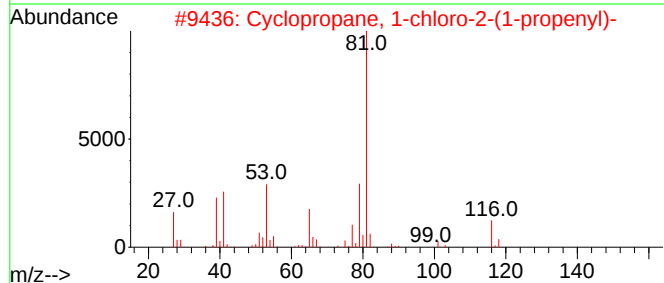
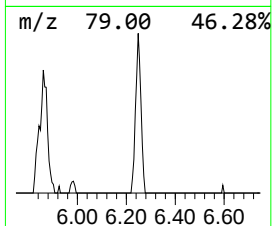
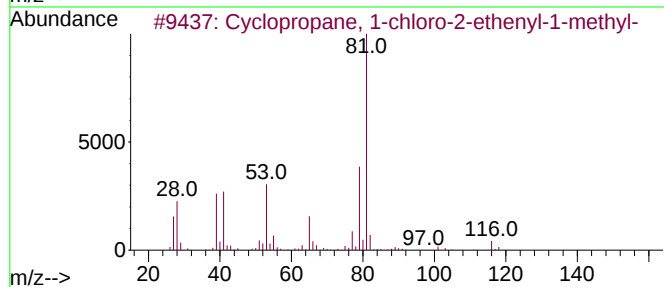
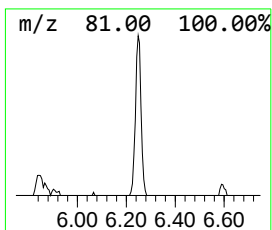
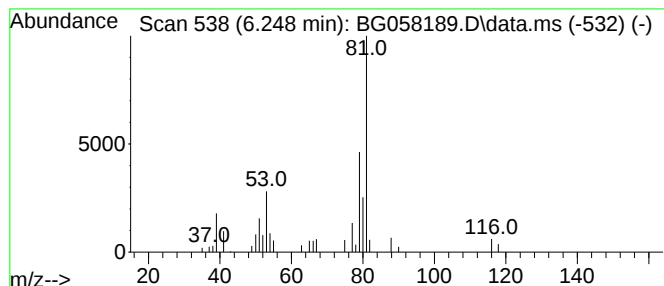
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Cyclopropane, 1-chloro-2-et... Concentration Rank 9

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.248 | 3.13 ng/ul | 41414 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopropane, 1-chloro-2-ethenyl... | 116 | C6H9Cl  | 062337-93-3 | 80   |
| 2    |    |   | Cyclopropane, 1-chloro-2-(1-prop... | 116 | C6H9Cl  | 074752-94-6 | 59   |
| 3    |    |   | Bicyclo[2.1.0]pentane-5-carboxyl... | 154 | C9H14O2 | 074810-55-2 | 56   |
| 4    |    |   | 2,4-Hexadiene, 1-chloro-            | 116 | C6H9Cl  | 034632-89-8 | 53   |
| 5    |    |   | Bi-2-cyclohexen-1-yl                | 162 | C12H18  | 001541-20-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

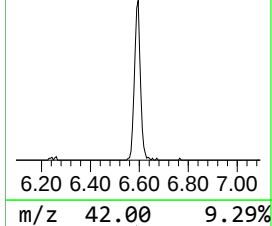
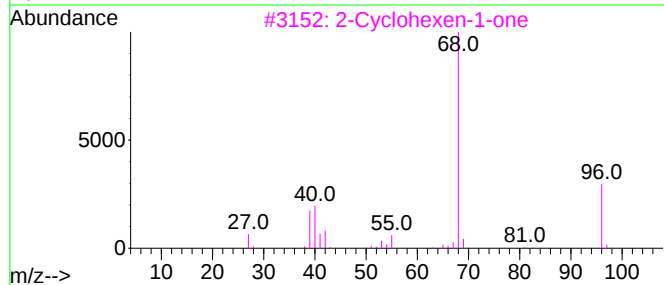
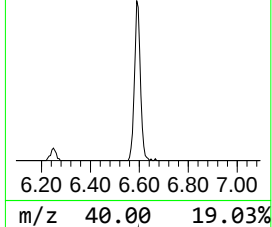
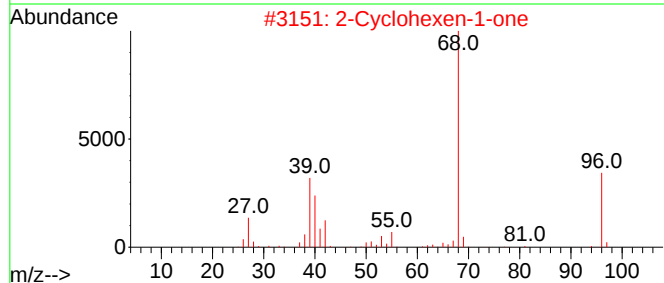
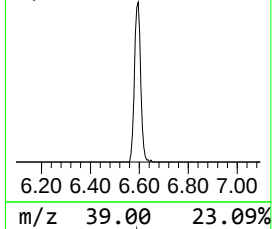
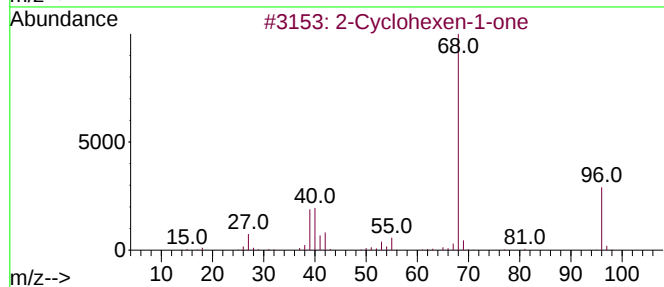
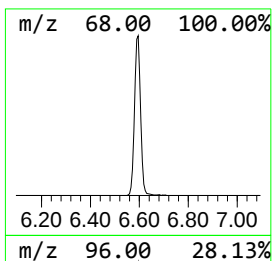
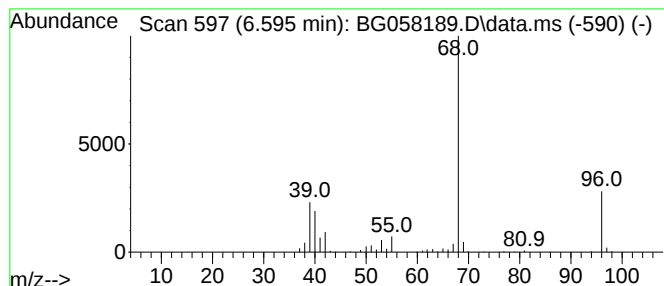
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 2-Cyclohexen-1-one Concentration Rank 4

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.595 | 21.91 ng/ul | 289422 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of | 5 | Tentative ID                 | MW | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|----|---------|-------------|------|
| 1    |    |   | 2-Cyclohexen-1-one           | 96 | C6H8O   | 000930-68-7 | 91   |
| 2    |    |   | 2-Cyclohexen-1-one           | 96 | C6H8O   | 000930-68-7 | 91   |
| 3    |    |   | 2-Cyclohexen-1-one           | 96 | C6H8O   | 000930-68-7 | 91   |
| 4    |    |   | 2-Cyclohexen-1-one           | 96 | C6H8O   | 000930-68-7 | 91   |
| 5    |    |   | 2H-Pyran-2-one, 5,6-dihydro- | 98 | C5H6O2  | 003393-45-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

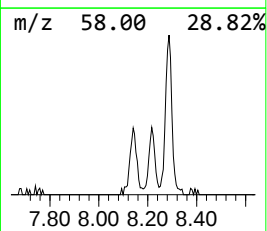
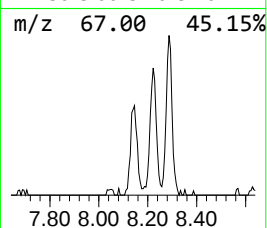
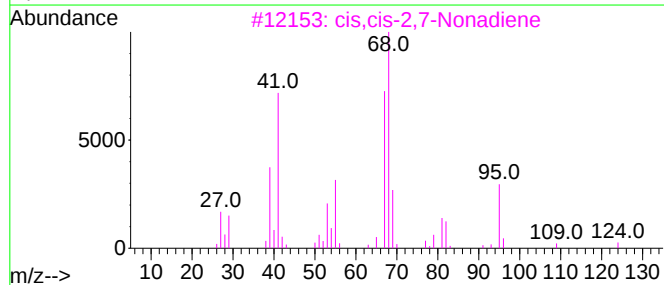
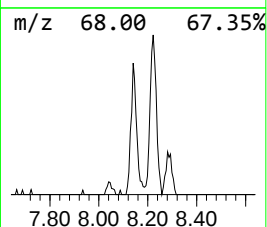
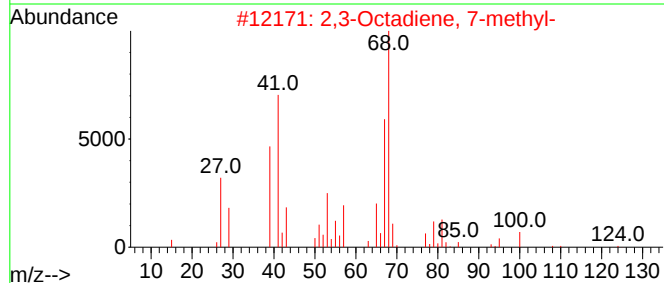
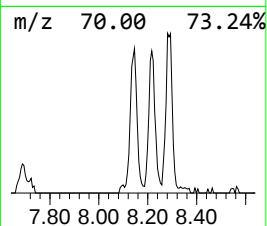
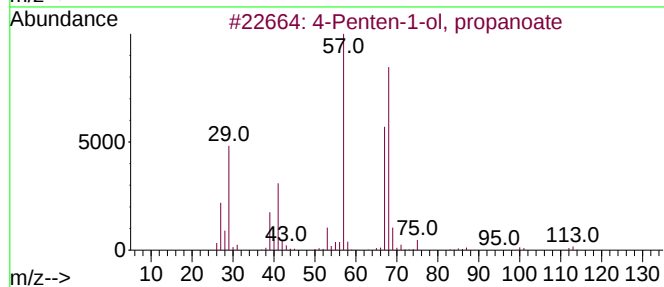
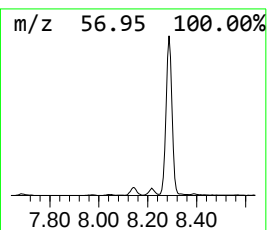
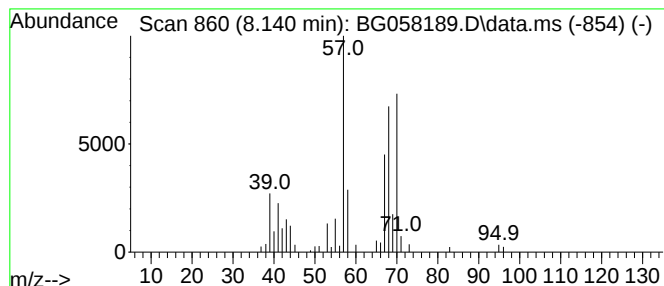
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 unknown-01 Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.140 | 4.79 ng/ul | 63311 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | 4-Penten-1-ol, propanoate | 142 | C8H14O2 | 030563-30-5 | 25   |
| 2    |      | 2,3-Octadiene, 7-methyl-  | 124 | C9H16   | 061129-33-7 | 16   |
| 3    |      | cis,cis-2,7-Nonadiene     | 124 | C9H16   | 036901-84-5 | 16   |
| 4    |      | 2-Acetylpyrrolidine       | 113 | C6H11NO | 060026-20-2 | 12   |
| 5    |      | 2,3-Nonadiene             | 124 | C9H16   | 022433-34-7 | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

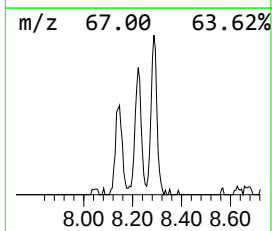
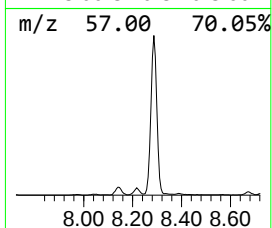
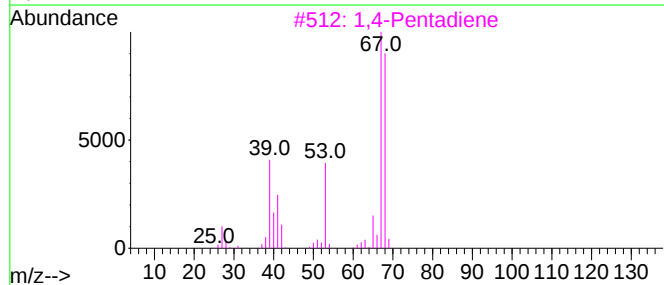
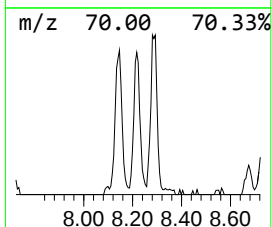
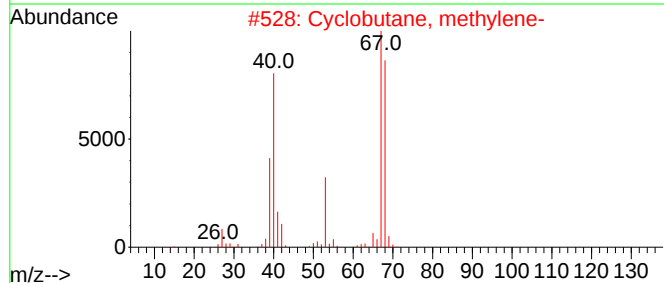
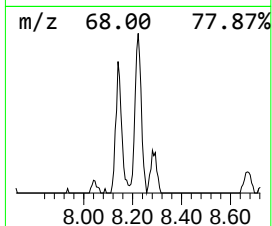
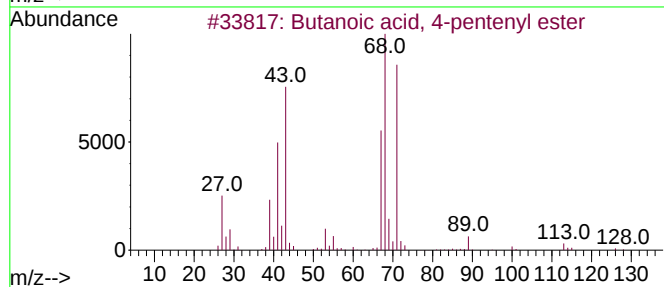
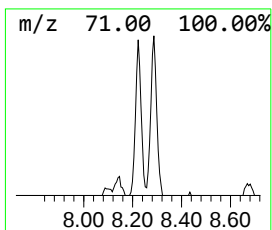
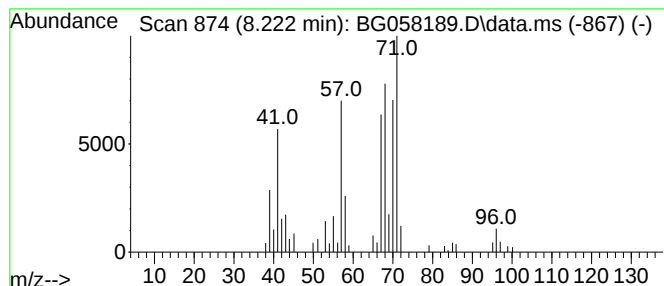
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 unknown-02 Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.222 | 6.45 ng/ul | 85221 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butanoic acid, 4-pentenyl ester | 156 | C9H16O2 | 030563-31-6 | 42   |
| 2    |    |   | Cyclobutane, methylene-         | 68  | C5H8    | 001120-56-5 | 16   |
| 3    |    |   | 1,4-Pentadiene                  | 68  | C5H8    | 000591-93-5 | 16   |
| 4    |    |   | 1-Butene, 1-methoxy-            | 86  | C5H10O  | 029512-02-5 | 14   |
| 5    |    |   | Norbornane                      | 96  | C7H12   | 000279-23-2 | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

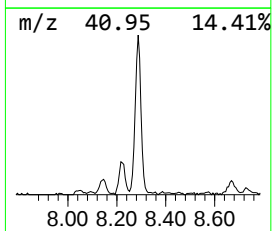
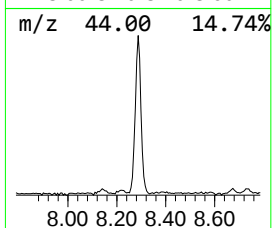
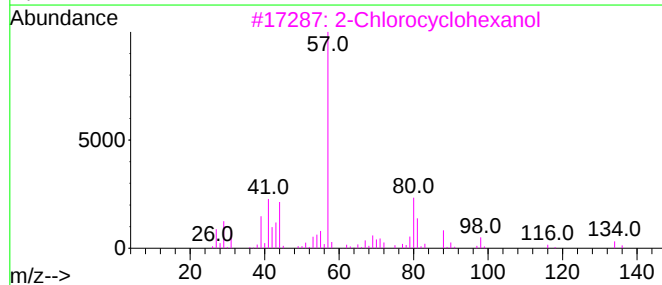
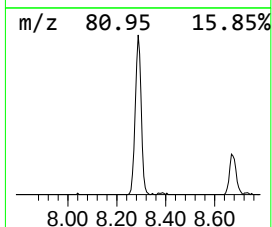
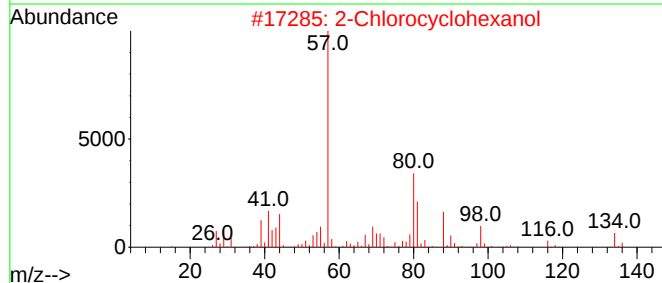
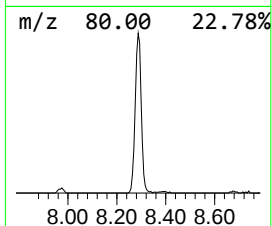
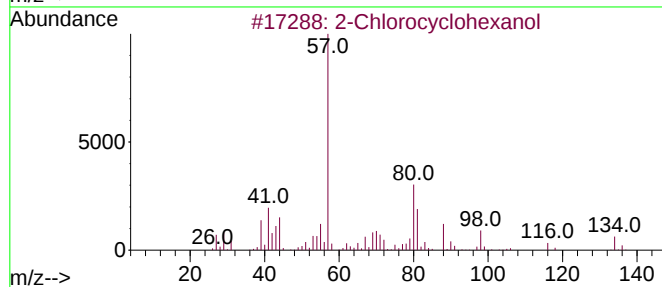
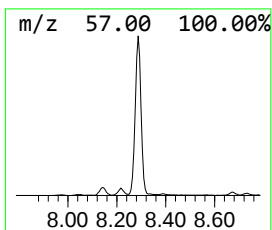
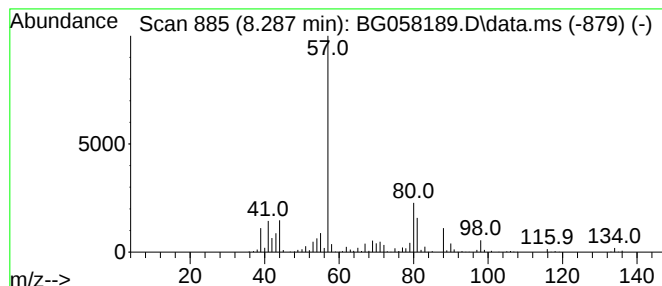
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 2-Chlorocyclohexanol Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.287 | 54.43 ng/ul | 719114 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of                   | 5 | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|----------------------|---|--------------|----------|-------------|------|------|
| 1    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 94   |      |
| 2    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 87   |      |
| 3    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 78   |      |
| 4    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 72   |      |
| 5    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 59   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

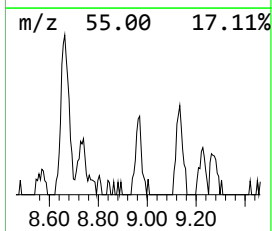
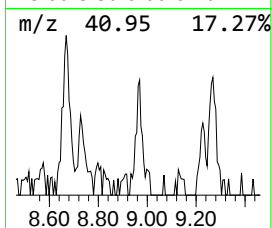
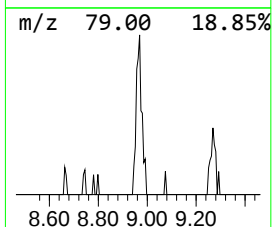
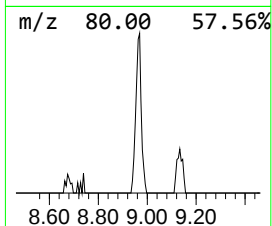
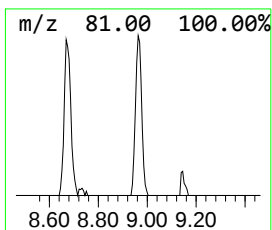
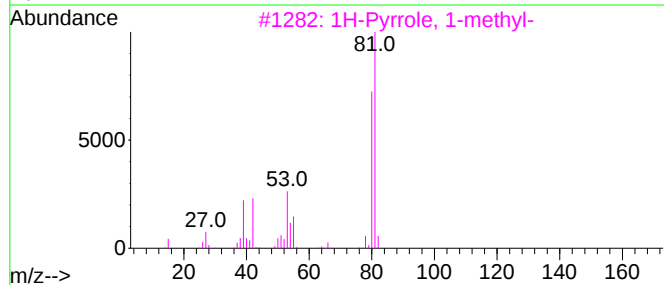
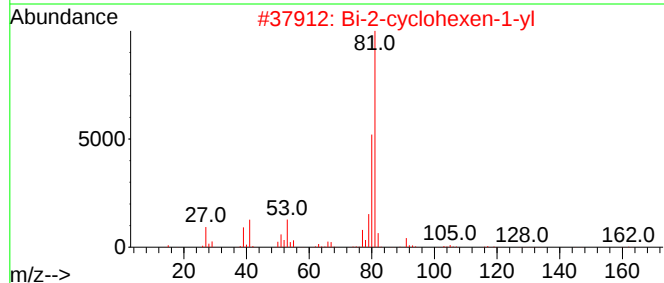
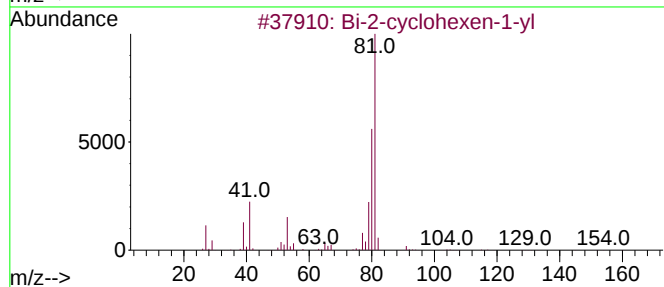
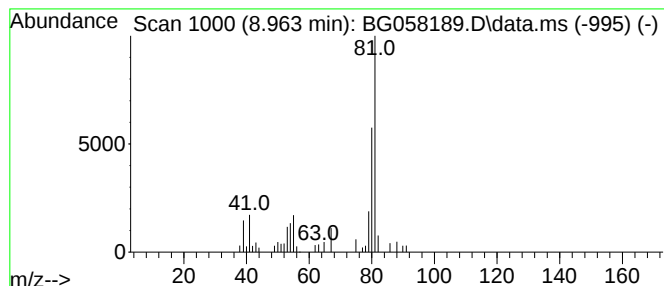
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Bi-2-cyclohexen-1-yl Concentration Rank 10

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.963 | 2.56 ng/ul | 33801 | 1,4-Dichlorobenzene-d4 | 7.970 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Bi-2-cyclohexen-1-yl               | 162 | C12H18   | 001541-20-4 | 64   |
| 2    |    |   | Bi-2-cyclohexen-1-yl               | 162 | C12H18   | 001541-20-4 | 50   |
| 3    |    |   | 1H-Pyrrole, 1-methyl-              | 81  | C5H7N    | 000096-54-8 | 45   |
| 4    |    |   | 1H-Pyrrole, 1-methyl-              | 81  | C5H7N    | 000096-54-8 | 45   |
| 5    |    |   | Cyclohexane, 1,2-dichloro-, trans- | 152 | C6H10Cl2 | 000822-86-6 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

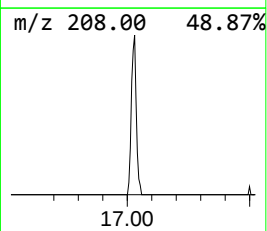
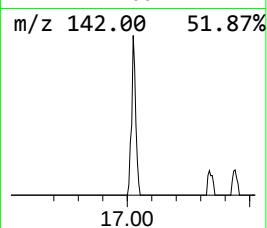
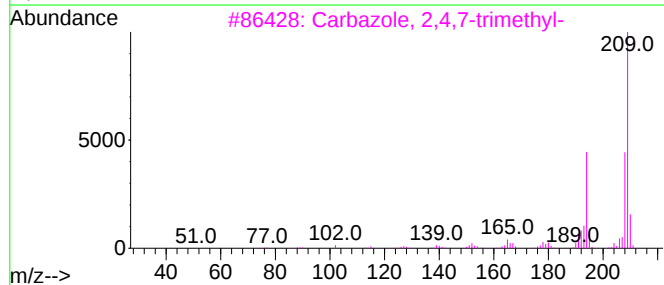
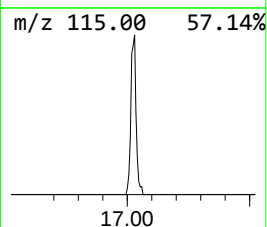
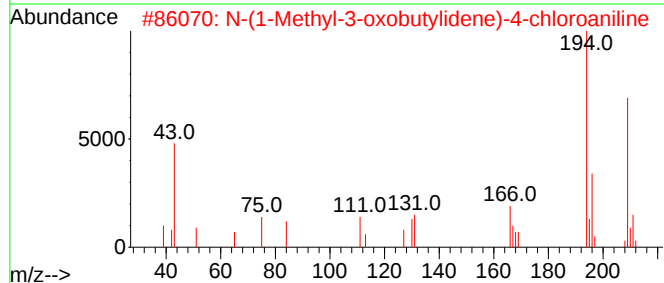
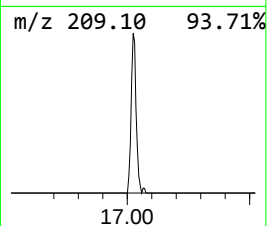
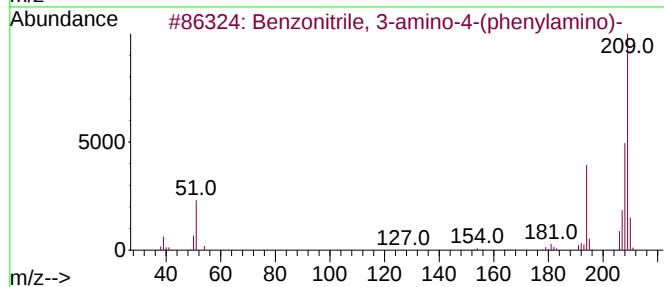
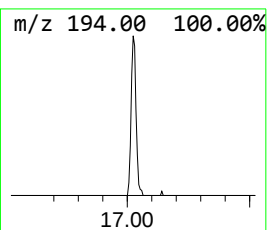
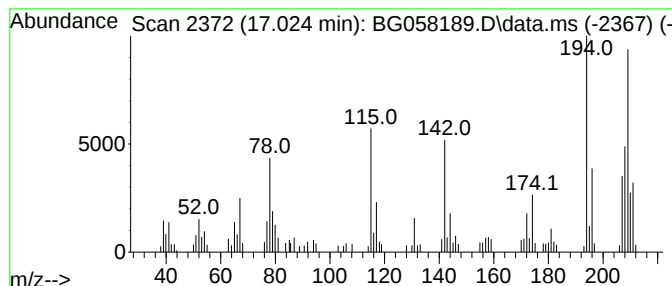
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown-03 Concentration Rank 11

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 17.024 | 2.02 ng/ul | 80661 | Phenanthrene-d10 | 17.341 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzonitrile, 3-amino-4-(phenyla... | 209 | C13H11N3   | 1000317-30-9 | 46   |
| 2    |    |   | N-(1-Methyl-3-oxobutylidene)-4-c... | 209 | C11H12ClNO | 050519-24-9  | 46   |
| 3    |    |   | Carbazole, 2,4,7-trimethyl-         | 209 | C15H15N    | 078787-89-0  | 46   |
| 4    |    |   | Carbazole, 1,5,7-trimethyl-         | 209 | C15H15N    | 078787-84-5  | 43   |
| 5    |    |   | Tris(2,4,6-dimethylamino)pyrimidine | 209 | C10H19N5   | 043002-24-0  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

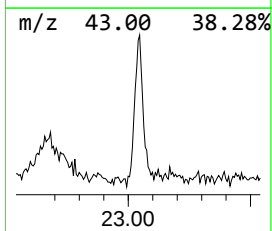
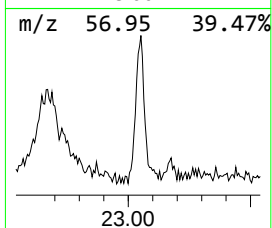
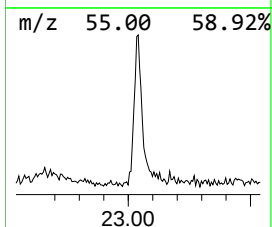
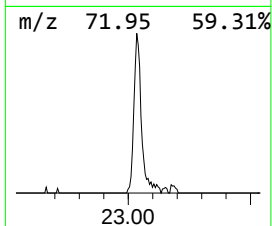
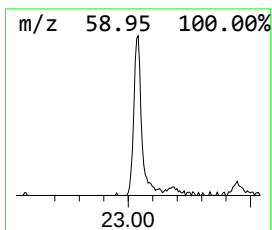
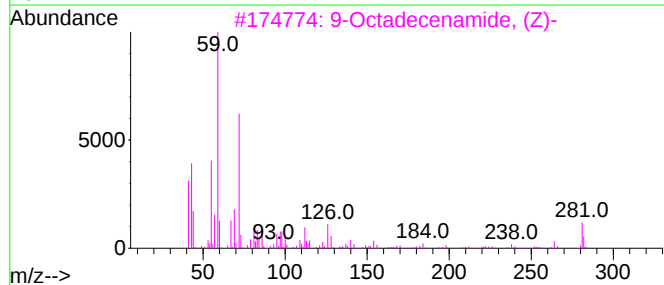
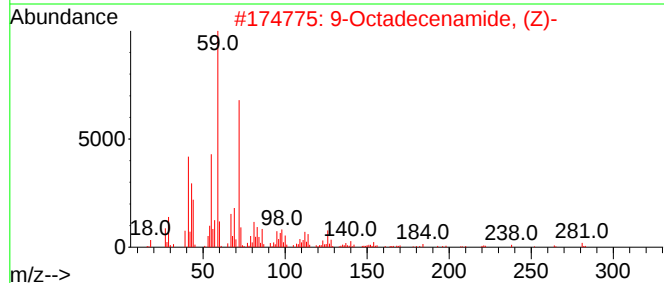
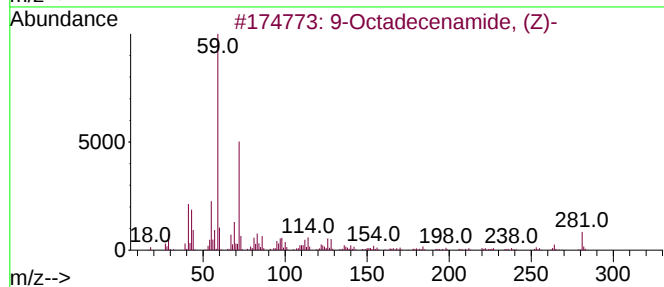
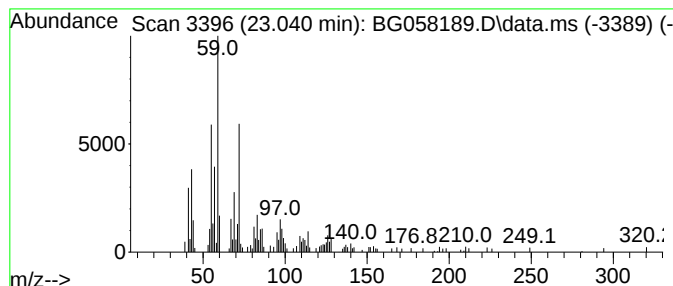
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.040 | 3.91 ng/ul | 165881 | Chrysene-d12     | 21.595 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|------|-----------------------------------|-----|----------|-------------|------|
| 1    |      | 9-Octadecenamide, (Z)-            | 281 | C18H35NO | 000301-02-0 | 80   |
| 2    |      | 9-Octadecenamide, (Z)-            | 281 | C18H35NO | 000301-02-0 | 80   |
| 3    |      | 9-Octadecenamide, (Z)-            | 281 | C18H35NO | 000301-02-0 | 76   |
| 4    |      | Heptanamide, 4-ethyl-5-methyl-    | 171 | C10H21NO | 054789-40-1 | 50   |
| 5    |      | 4.beta.H,5.alpha.H-Eudesman-11-ol | 224 | C15H28O  | 031756-53-3 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071123\  
Data File : BG058189.D  
Acq On : 12 Jul 2023 16:35  
Operator : CG/JU  
Sample : 03387-13  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EX7Z7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 3.140  | 111.6   | ng/u1 | 1474600  | 1                     | 7.970  | 264236 | 20.0 |
| Cyclohexene        | 3.216  | 282.6   | ng/u1 | 3733060  | 1                     | 7.970  | 264236 | 20.0 |
| 2-Cyclohexen-1-ol  | 5.866  | 10.4    | ng/u1 | 137412   | 1                     | 7.970  | 264236 | 20.0 |
| Cyclopropane, 1... | 6.248  | 3.1     | ng/u1 | 41414    | 1                     | 7.970  | 264236 | 20.0 |
| 2-Cyclohexen-1-one | 6.595  | 21.9    | ng/u1 | 289422   | 1                     | 7.970  | 264236 | 20.0 |
| unknown-01         | 8.140  | 4.8     | ng/u1 | 63311    | 1                     | 7.970  | 264236 | 20.0 |
| unknown-02         | 8.222  | 6.5     | ng/u1 | 85221    | 1                     | 7.970  | 264236 | 20.0 |
| 2-Chlorocyclohe... | 8.287  | 54.4    | ng/u1 | 719114   | 1                     | 7.970  | 264236 | 20.0 |
| Bi-2-cyclohexen... | 8.963  | 2.6     | ng/u1 | 33801    | 1                     | 7.970  | 264236 | 20.0 |
| unknown-03         | 17.024 | 2.0     | ng/u1 | 80661    | 4                     | 17.341 | 798101 | 20.0 |
| 9-Octadecenamid... | 23.040 | 3.9     | ng/u1 | 165881   | 5                     | 21.595 | 848627 | 20.0 |