

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
 Data File : BG058201.D  
 Acq On : 13 Jul 2023 16:36  
 Operator : CG/JU  
 Sample : 03414-10  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46G4

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: BG058201.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         | 3.158       | 6             | 12          | 46           | rVB      | 2476783        | 5276881       | 100.00%         | 19.892%       |
| 2         | 3.763       | 111           | 115         | 123          | rBV2     | 15630          | 28266         | 0.54%           | 0.107%        |
| 3         | 3.998       | 151           | 155         | 161          | rVB4     | 5693           | 8833          | 0.17%           | 0.033%        |
| 4         | 4.092       | 166           | 171         | 178          | rVB      | 10171          | 17918         | 0.34%           | 0.068%        |
| 5         | 4.345       | 209           | 214         | 221          | rVB5     | 12002          | 22104         | 0.42%           | 0.083%        |
| 6         | 4.621       | 257           | 261         | 268          | rVB2     | 17325          | 28302         | 0.54%           | 0.107%        |
| 7         | 5.003       | 322           | 326         | 330          | rVB4     | 3497           | 5933          | 0.11%           | 0.022%        |
| 8         | 5.361       | 383           | 387         | 393          | rBV4     | 8118           | 13532         | 0.26%           | 0.051%        |
| 9         | 5.543       | 413           | 418         | 428          | rBV2     | 11299          | 26528         | 0.50%           | 0.100%        |
| 10        | 5.802       | 453           | 462         | 467          | rBV3     | 69387          | 148755        | 2.82%           | 0.561%        |
| 11        | 5.914       | 476           | 481         | 486          | rVB7     | 5961           | 10160         | 0.19%           | 0.038%        |
| 12        | 6.184       | 521           | 527         | 535          | rVB      | 28118          | 47904         | 0.91%           | 0.181%        |
| 13        | 6.525       | 579           | 585         | 598          | rBV      | 184759         | 329028        | 6.24%           | 1.240%        |
| 14        | 7.071       | 668           | 678         | 691          | rBV      | 267042         | 486784        | 9.22%           | 1.835%        |
| 15        | 7.230       | 698           | 705         | 721          | rBV      | 213457         | 369325        | 7.00%           | 1.392%        |
| 16        | 7.435       | 733           | 740         | 751          | rBV      | 255380         | 464830        | 8.81%           | 1.752%        |
| 17        | 7.518       | 751           | 754         | 759          | rVV5     | 3982           | 6040          | 0.11%           | 0.023%        |
| 18        | 7.617       | 763           | 771         | 776          | rBV5     | 6501           | 14830         | 0.28%           | 0.056%        |
| 19        | 7.905       | 813           | 820         | 827          | rBV      | 171201         | 293727        | 5.57%           | 1.107%        |
| 20        | 7.976       | 827           | 832         | 837          | rVV2     | 11764          | 21023         | 0.40%           | 0.079%        |
| 21        | 8.076       | 843           | 849         | 856          | rVV2     | 28949          | 55490         | 1.05%           | 0.209%        |
| 22        | 8.158       | 856           | 863         | 867          | rVV2     | 43427          | 78791         | 1.49%           | 0.297%        |
| 23        | 8.217       | 867           | 873         | 888          | rVV      | 490283         | 865395        | 16.40%          | 3.262%        |
| 24        | 8.328       | 888           | 892         | 898          | rVB7     | 3508           | 6339          | 0.12%           | 0.024%        |
| 25        | 8.610       | 932           | 940         | 947          | rVV      | 338367         | 600125        | 11.37%          | 2.262%        |
| 26        | 8.663       | 947           | 949         | 955          | rVV2     | 21046          | 35378         | 0.67%           | 0.133%        |
| 27        | 8.734       | 955           | 961         | 968          | rVB2     | 27063          | 55610         | 1.05%           | 0.210%        |
| 28        | 8.892       | 983           | 988         | 999          | rVB      | 23635          | 48741         | 0.92%           | 0.184%        |
| 29        | 9.063       | 1010          | 1017        | 1029         | rVV      | 254600         | 472303        | 8.95%           | 1.780%        |
| 30        | 9.157       | 1029          | 1033        | 1036         | rVV3     | 5781           | 9403          | 0.18%           | 0.035%        |
| 31        | 9.198       | 1036          | 1040        | 1047         | rVB2     | 11635          | 20631         | 0.39%           | 0.078%        |
| 32        | 9.738       | 1125          | 1132        | 1133         | rBV3     | 4011           | 5929          | 0.11%           | 0.022%        |
| 33        | 9.785       | 1133          | 1140        | 1148         | rVB      | 215400         | 389245        | 7.38%           | 1.467%        |
| 34        | 9.903       | 1155          | 1160        | 1165         | rBV      | 2907           | 5944          | 0.11%           | 0.022%        |
| 35        | 9.956       | 1165          | 1169        | 1176         | rVV5     | 3724           | 8347          | 0.16%           | 0.031%        |
| 36        | 10.085      | 1186          | 1191        | 1197         | rBV5     | 8735           | 17985         | 0.34%           | 0.068%        |

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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 | 10.150 | 1199 | 1202 | 1208 | rVB6 | 4634    | 7257    | 0.14%  | 0.027% |
| 38 | 10.326 | 1224 | 1232 | 1245 | rBV  | 330712  | 654781  | 12.41% | 2.468% |
| 39 | 10.708 | 1286 | 1297 | 1311 | rVB  | 269365  | 503220  | 9.54%  | 1.897% |
| 40 | 10.843 | 1311 | 1320 | 1332 | rBV  | 244815  | 490312  | 9.29%  | 1.848% |
| 41 | 11.243 | 1383 | 1388 | 1390 | rBV3 | 3858    | 5872    | 0.11%  | 0.022% |
| 42 | 11.513 | 1426 | 1434 | 1439 | rBV7 | 4846    | 12695   | 0.24%  | 0.048% |
| 43 | 12.653 | 1622 | 1628 | 1634 | rBV2 | 7987    | 12934   | 0.25%  | 0.049% |
| 44 | 12.758 | 1641 | 1646 | 1649 | rBV4 | 3524    | 6972    | 0.13%  | 0.026% |
| 45 | 12.788 | 1649 | 1651 | 1657 | rVB4 | 4572    | 5983    | 0.11%  | 0.023% |
| 46 | 13.358 | 1742 | 1748 | 1754 | rBV3 | 5920    | 9574    | 0.18%  | 0.036% |
| 47 | 13.428 | 1754 | 1760 | 1764 | rVB4 | 4886    | 9017    | 0.17%  | 0.034% |
| 48 | 13.945 | 1841 | 1848 | 1861 | rVB  | 658290  | 963125  | 18.25% | 3.631% |
| 49 | 14.180 | 1880 | 1888 | 1891 | rBV2 | 21290   | 37538   | 0.71%  | 0.142% |
| 50 | 14.239 | 1891 | 1898 | 1906 | rVB  | 723775  | 1202071 | 22.78% | 4.531% |
| 51 | 14.539 | 1941 | 1949 | 1957 | rBV  | 464529  | 734837  | 13.93% | 2.770% |
| 52 | 14.744 | 1977 | 1984 | 2003 | rBV  | 218847  | 455108  | 8.62%  | 1.716% |
| 53 | 14.891 | 2005 | 2009 | 2012 | rVB6 | 6105    | 9954    | 0.19%  | 0.038% |
| 54 | 15.532 | 2111 | 2118 | 2127 | rBV  | 957639  | 1489771 | 28.23% | 5.616% |
| 55 | 15.649 | 2132 | 2138 | 2152 | rVV  | 283425  | 447171  | 8.47%  | 1.686% |
| 56 | 16.078 | 2203 | 2211 | 2218 | rBV5 | 7641    | 19911   | 0.38%  | 0.075% |
| 57 | 16.196 | 2225 | 2231 | 2234 | rVB4 | 3981    | 6696    | 0.13%  | 0.025% |
| 58 | 16.971 | 2358 | 2363 | 2370 | rBV  | 75801   | 105494  | 2.00%  | 0.398% |
| 59 | 17.288 | 2410 | 2417 | 2426 | rBV  | 608659  | 945043  | 17.91% | 3.562% |
| 60 | 17.388 | 2427 | 2434 | 2448 | rVV  | 972018  | 1591896 | 30.17% | 6.001% |
| 61 | 17.946 | 2525 | 2529 | 2535 | rVB2 | 13350   | 18480   | 0.35%  | 0.070% |
| 62 | 18.046 | 2539 | 2546 | 2548 | rBV6 | 3301    | 5305    | 0.10%  | 0.020% |
| 63 | 18.669 | 2648 | 2652 | 2657 | rBV7 | 3015    | 6629    | 0.13%  | 0.025% |
| 64 | 18.722 | 2657 | 2661 | 2662 | rVV2 | 5099    | 6526    | 0.12%  | 0.025% |
| 65 | 18.746 | 2662 | 2665 | 2669 | rVB4 | 4992    | 7588    | 0.14%  | 0.029% |
| 66 | 18.969 | 2700 | 2703 | 2707 | rBV3 | 8762    | 12686   | 0.24%  | 0.048% |
| 67 | 19.116 | 2725 | 2728 | 2732 | rVV3 | 11263   | 12473   | 0.24%  | 0.047% |
| 68 | 19.239 | 2736 | 2749 | 2756 | rBV5 | 25986   | 58602   | 1.11%  | 0.221% |
| 69 | 19.592 | 2806 | 2809 | 2811 | rBV4 | 5573    | 6127    | 0.12%  | 0.023% |
| 70 | 19.680 | 2817 | 2824 | 2836 | rBV  | 1219207 | 1848048 | 35.02% | 6.966% |
| 71 | 19.762 | 2836 | 2838 | 2845 | rVB7 | 3492    | 5348    | 0.10%  | 0.020% |
| 72 | 19.897 | 2859 | 2861 | 2864 | rVB3 | 6741    | 6791    | 0.13%  | 0.026% |
| 73 | 20.068 | 2887 | 2890 | 2895 | rBV7 | 3712    | 5314    | 0.10%  | 0.020% |
| 74 | 20.138 | 2900 | 2902 | 2907 | rVV4 | 6023    | 7201    | 0.14%  | 0.027% |
| 75 | 20.203 | 2910 | 2913 | 2917 | rVB5 | 6268    | 7823    | 0.15%  | 0.029% |
| 76 | 20.696 | 2994 | 2997 | 3000 | rBV3 | 8809    | 10332   | 0.20%  | 0.039% |

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Start Thrs: 0.2

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Peak Location: TOP

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Peak separation: 5

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

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 77 | 20.990 | 3044 | 3047 | 3052 | rVB5 | 13471  | 18234   | 0.35%  | 0.069% |
| 78 | 21.184 | 3078 | 3080 | 3085 | rBV5 | 9492   | 13447   | 0.25%  | 0.051% |
| 79 | 21.272 | 3091 | 3095 | 3103 | rVB4 | 11786  | 19799   | 0.38%  | 0.075% |
| 80 | 21.425 | 3116 | 3121 | 3127 | rBV  | 41214  | 61592   | 1.17%  | 0.232% |
|    |        |      |      |      |      |        |         |        |        |
| 81 | 21.536 | 3134 | 3140 | 3151 | rBV  | 578291 | 972362  | 18.43% | 3.665% |
| 82 | 21.719 | 3169 | 3171 | 3176 | rVB2 | 15017  | 15701   | 0.30%  | 0.059% |
| 83 | 22.312 | 3269 | 3272 | 3278 | rVB5 | 15389  | 24657   | 0.47%  | 0.093% |
| 84 | 22.964 | 3377 | 3383 | 3392 | rBV3 | 102328 | 227138  | 4.30%  | 0.856% |
| 85 | 23.763 | 3515 | 3519 | 3526 | rVB4 | 16914  | 35323   | 0.67%  | 0.133% |
|    |        |      |      |      |      |        |         |        |        |
| 86 | 24.468 | 3628 | 3639 | 3651 | rBV2 | 691940 | 1914415 | 36.28% | 7.217% |
| 87 | 24.686 | 3666 | 3676 | 3691 | rVB  | 390434 | 1124757 | 21.31% | 4.240% |
| 88 | 25.778 | 3857 | 3862 | 3871 | rVB3 | 19564  | 51579   | 0.98%  | 0.194% |

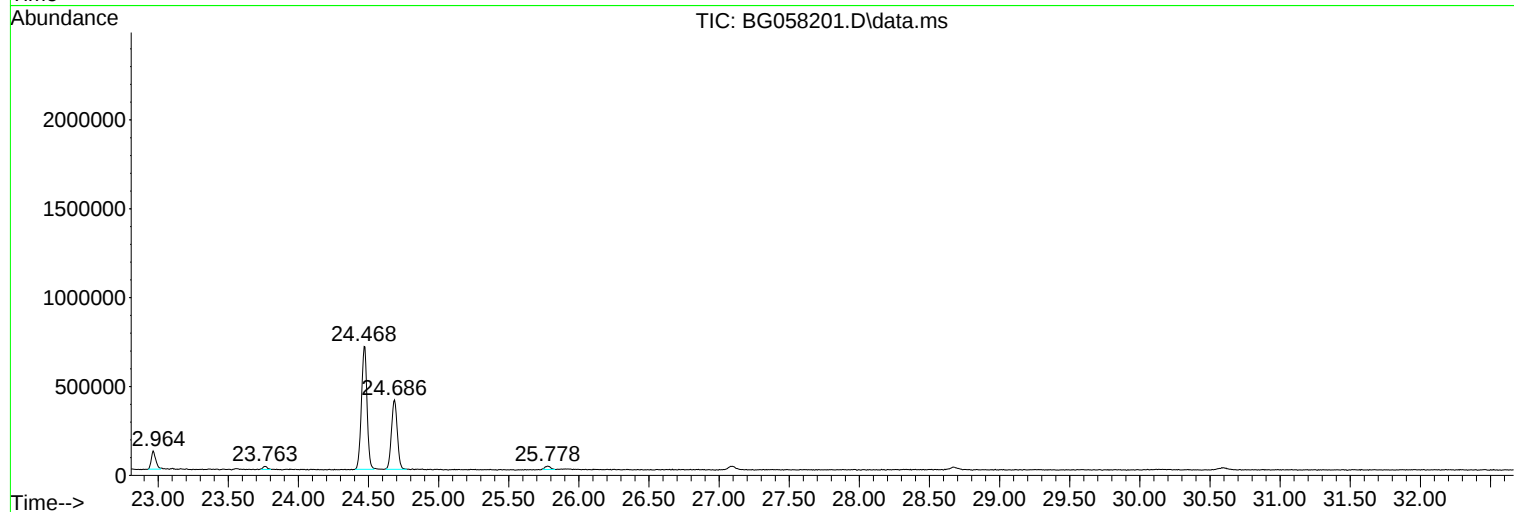
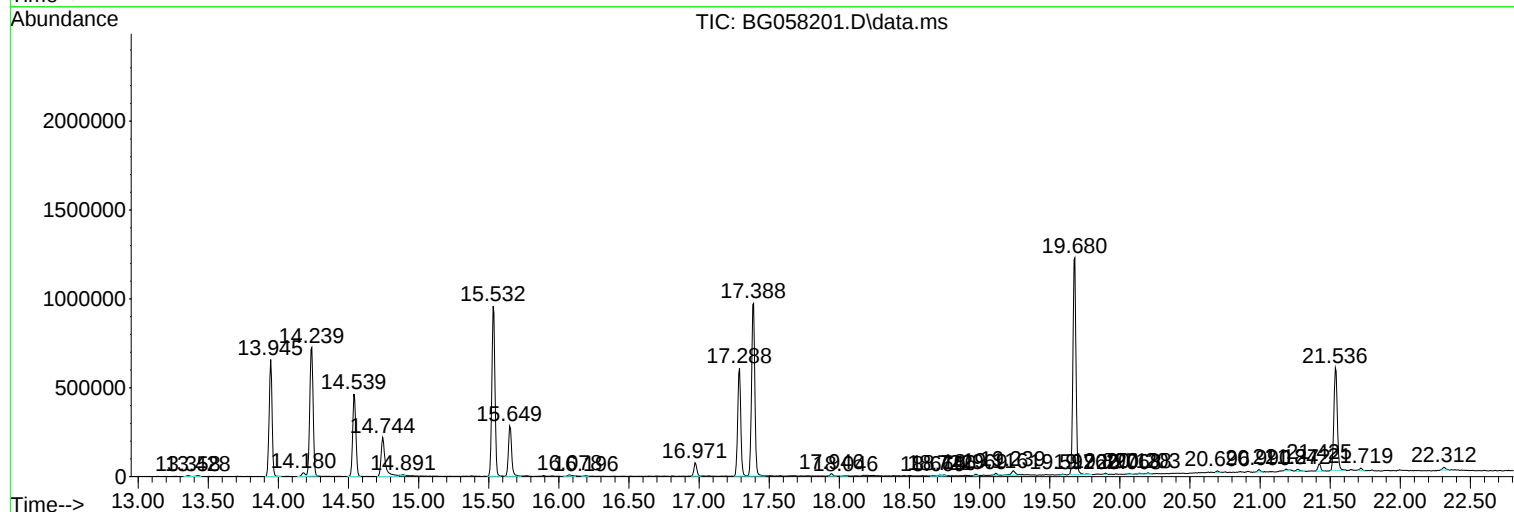
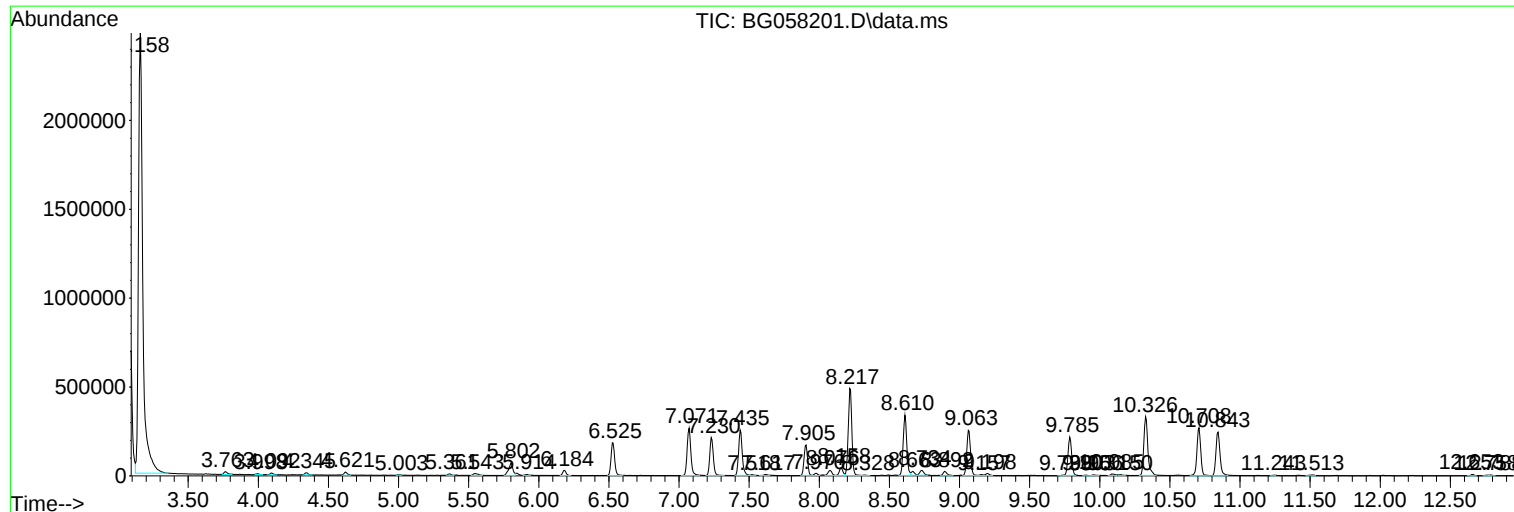
Sum of corrected areas: 26527868

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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\BG071323\  
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ALS Vial : 8 Sample Multiplier: 1

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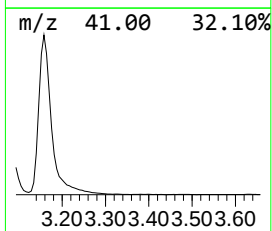
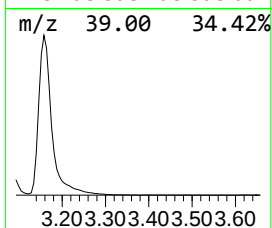
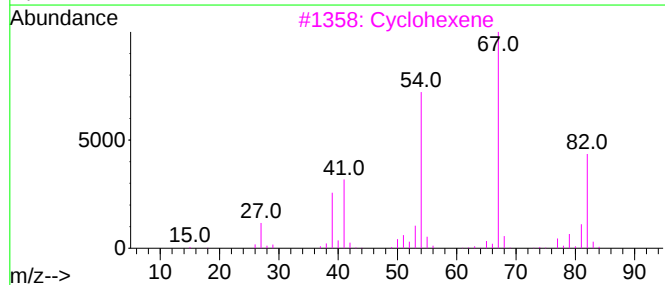
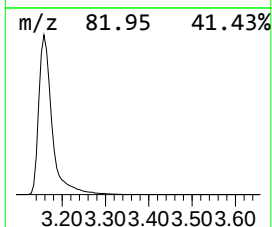
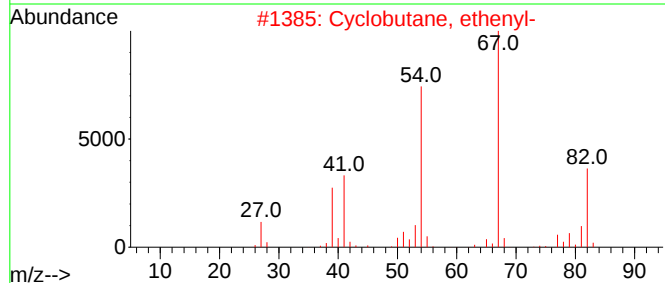
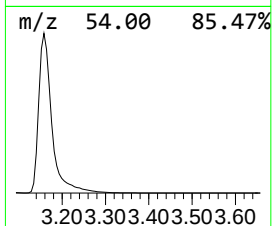
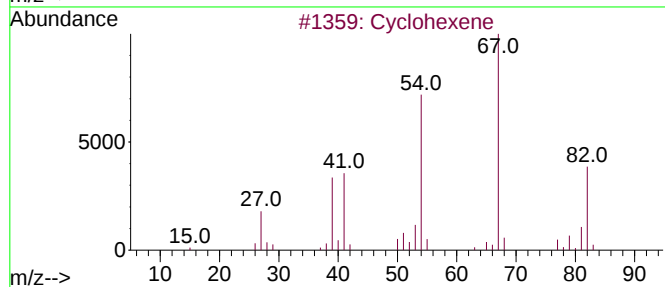
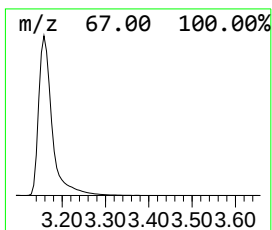
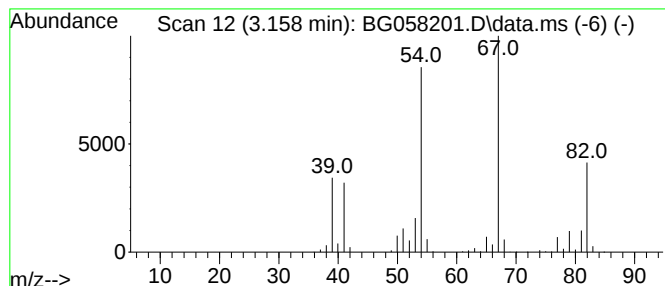
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 3.158 | 359.31 ng/ul | 5276880 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 95   |
| 2    |    |   | Cyclobutane, ethenyl- | 82 | C6H10   | 002597-49-1 | 94   |
| 3    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 91   |
| 4    |    |   | Cyclohexene           | 82 | C6H10   | 000110-83-8 | 91   |
| 5    |    |   | Ethylidenecyclobutane | 82 | C6H10   | 001528-21-8 | 91   |



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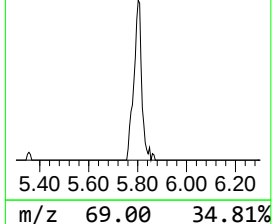
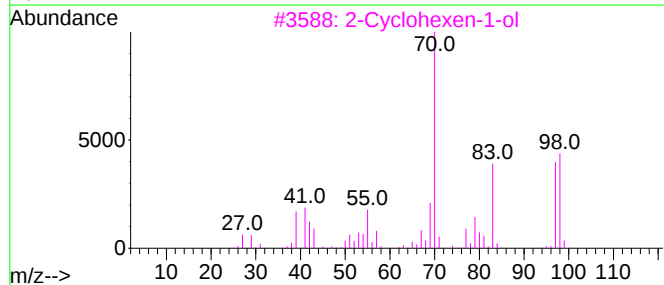
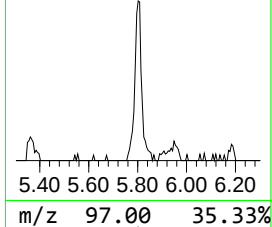
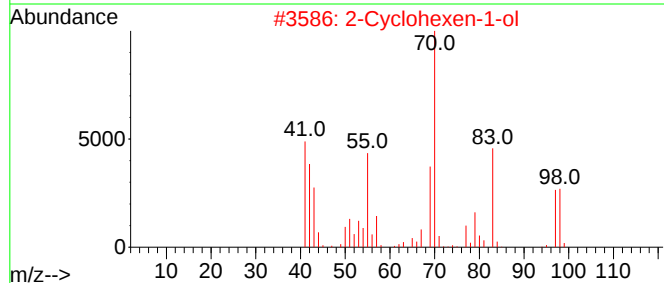
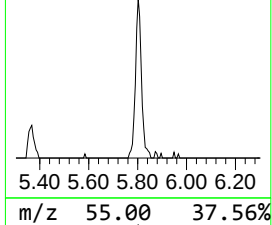
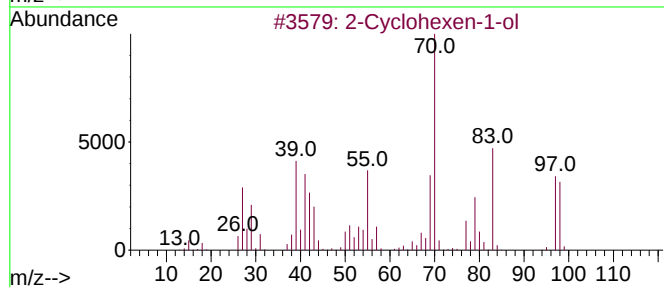
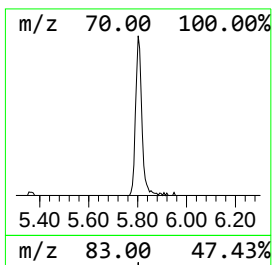
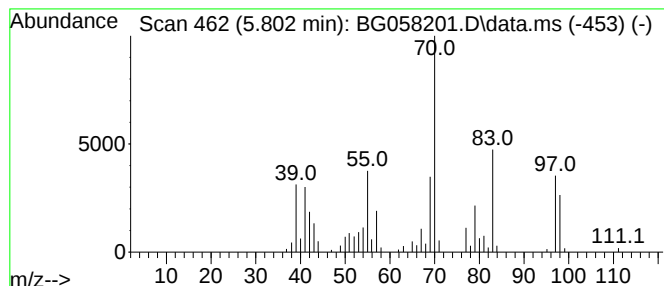
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 2-Cyclohexen-1-ol Concentration Rank 4

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.802 | 10.13 ng/ul | 148755 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of                | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-------------------|---|--------------|----|---------|-------------|------|
| 1    | 2-Cyclohexen-1-ol |   |              | 98 | C6H10O  | 000822-67-3 | 94   |
| 2    | 2-Cyclohexen-1-ol |   |              | 98 | C6H10O  | 000822-67-3 | 87   |
| 3    | 2-Cyclohexen-1-ol |   |              | 98 | C6H10O  | 000822-67-3 | 83   |
| 4    | 2-Cyclohexen-1-ol |   |              | 98 | C6H10O  | 000822-67-3 | 81   |
| 5    | 2-Cyclohexen-1-ol |   |              | 98 | C6H10O  | 000822-67-3 | 68   |



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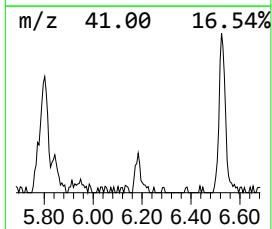
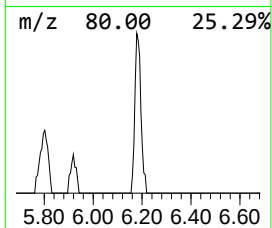
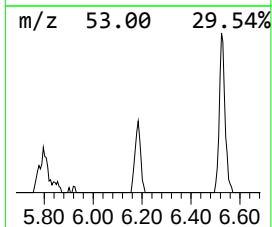
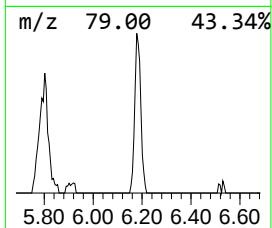
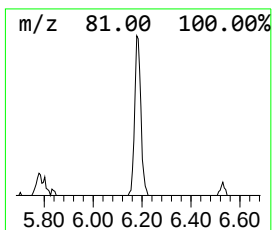
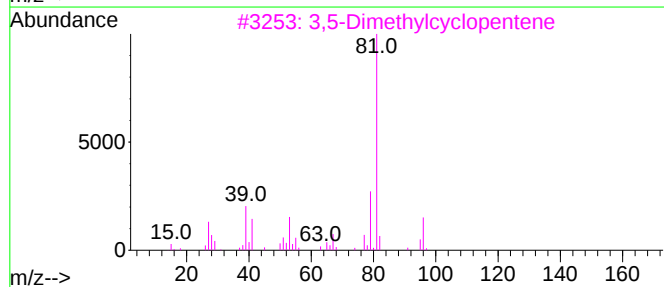
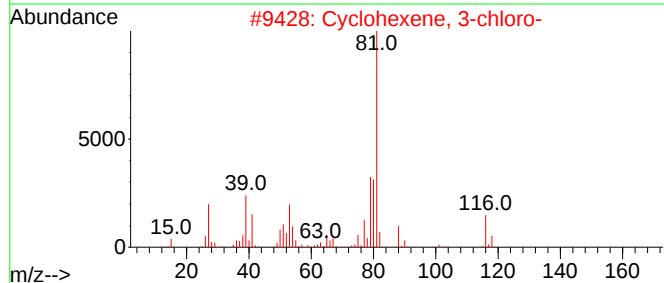
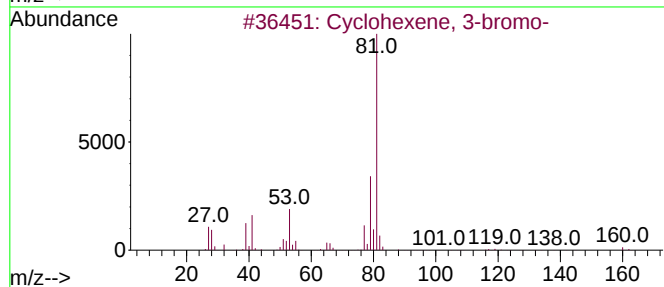
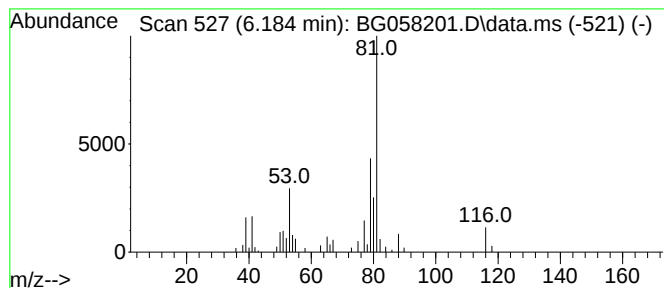
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Cyclohexene, 3-bromo- Concentration Rank 9

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.184 | 3.26 ng/ul | 47904 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexene, 3-bromo-               | 160 | C6H9Br  | 001521-51-3 | 72   |
| 2    |    |   | Cyclohexene, 3-chloro-              | 116 | C6H9Cl  | 002441-97-6 | 64   |
| 3    |    |   | 3,5-Dimethylcyclopentene            | 96  | C7H12   | 007459-71-4 | 64   |
| 4    |    |   | Cyclopropane, 1-chloro-2-(1-prop... | 116 | C6H9Cl  | 074752-94-6 | 58   |
| 5    |    |   | Bi-2-cyclohexen-1-yl                | 162 | C12H18  | 001541-20-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46G4

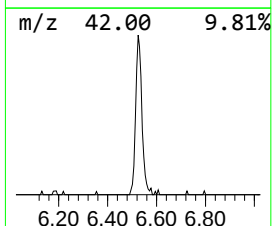
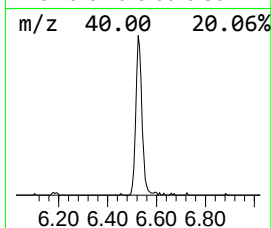
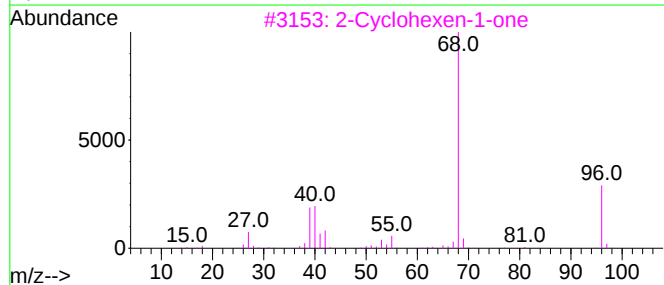
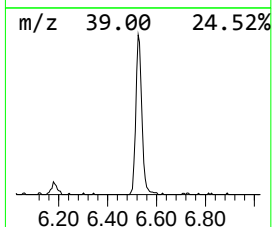
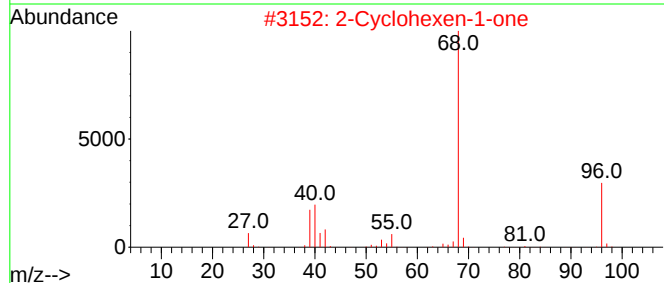
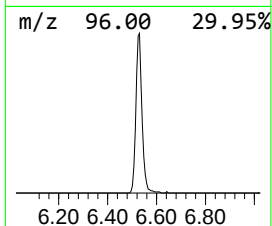
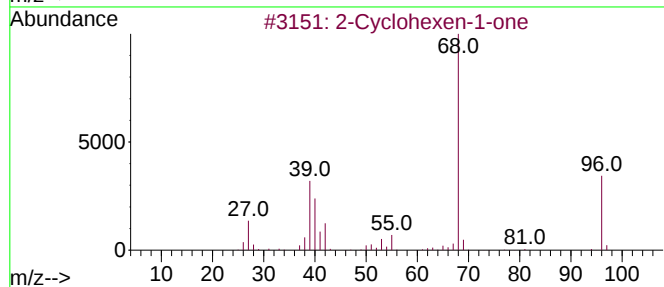
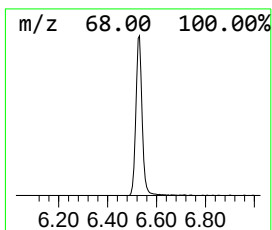
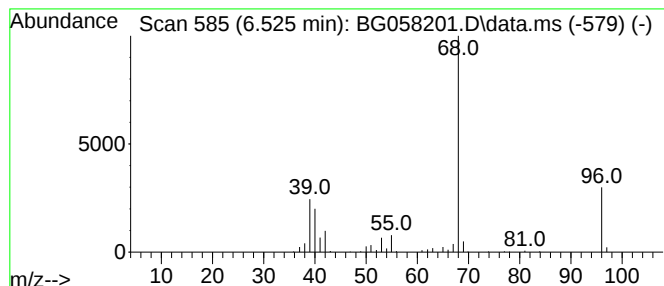
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 2-Cyclohexen-1-one Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.525 | 22.40 ng/ul | 329028 | 1,4-Dichlorobenzene-d4 | 7.905 |

| 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    | 1H-Pyrazole        |   |              | 68 | C3H4N2  | 000288-13-1 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46G4

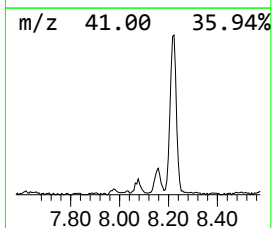
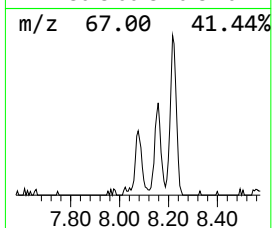
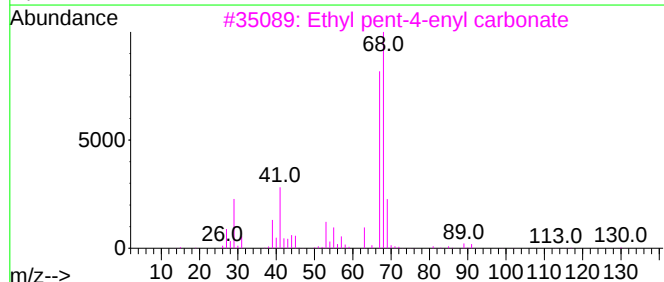
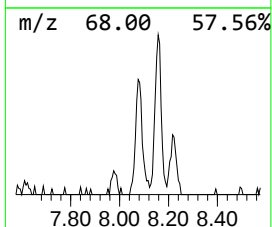
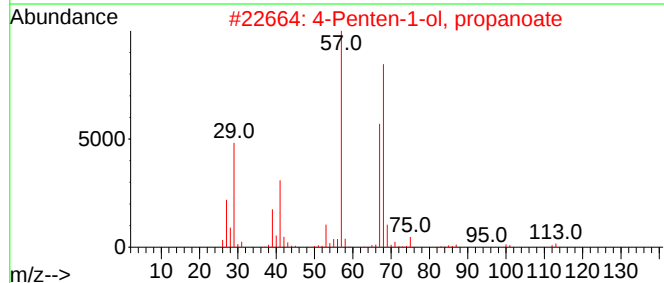
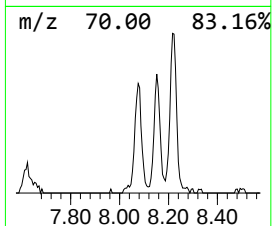
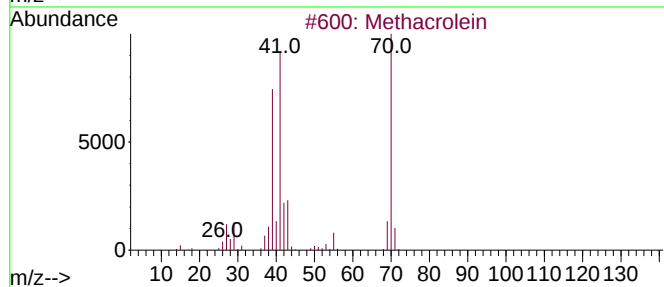
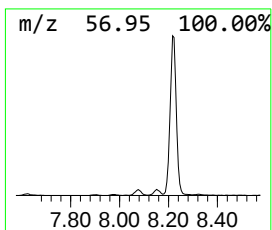
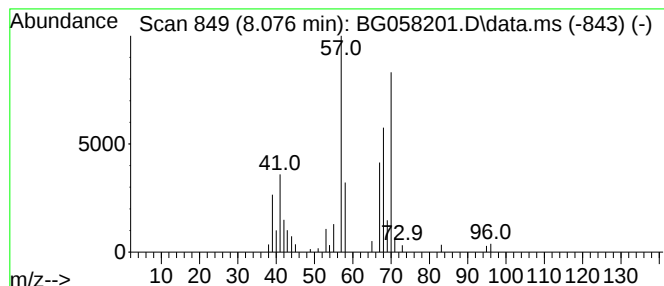
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 unknown-01 Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.076 | 3.78 ng/ul | 55490 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------------|-----|---------|--------------|------|
| 1    |    |   | Methacrolein                | 70  | C4H6O   | 000078-85-3  | 27   |
| 2    |    |   | 4-Penten-1-ol, propanoate   | 142 | C8H14O2 | 030563-30-5  | 23   |
| 3    |    |   | Ethyl pent-4-enyl carbonate | 158 | C8H14O3 | 1000373-78-4 | 17   |
| 4    |    |   | 2-Acetylpyrrolidine         | 113 | C6H11NO | 060026-20-2  | 17   |
| 5    |    |   | cis,cis-2,7-Nonadiene       | 124 | C9H16   | 036901-84-5  | 16   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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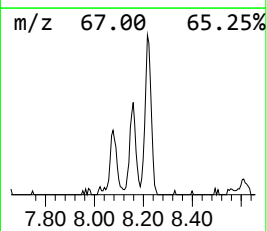
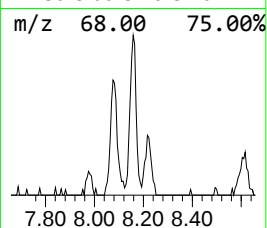
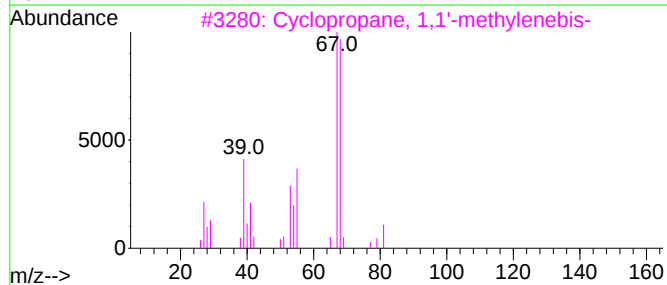
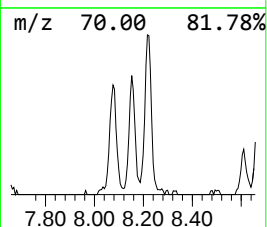
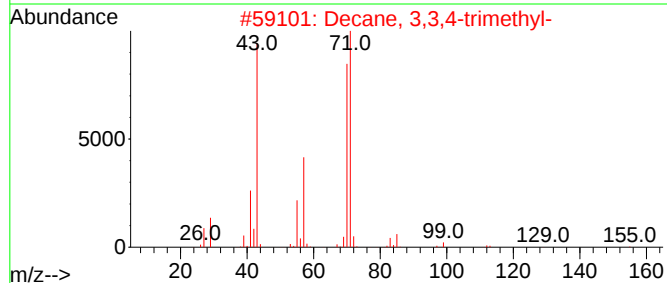
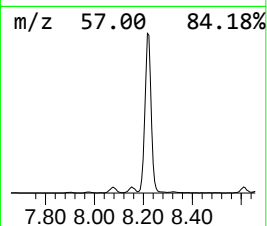
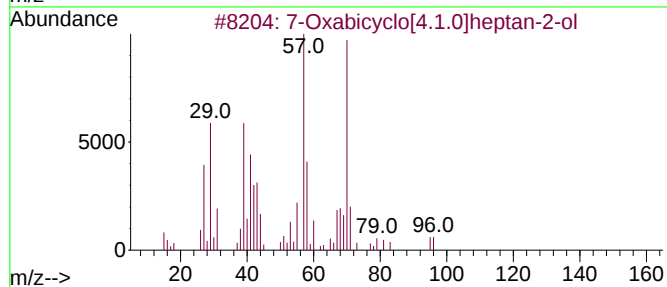
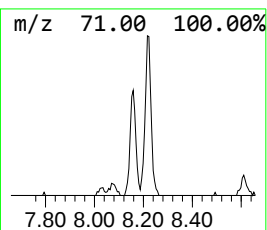
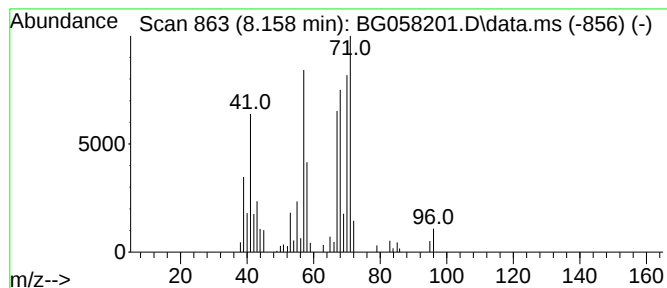
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 unknown-02 Concentration Rank 5

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.158 | 5.36 ng/ul | 78791 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 7-Oxabicyclo[4.1.0]heptan-2-ol   | 114 | C6H10O2 | 001192-78-5 | 35   |
| 2    |      | Decane, 3,3,4-trimethyl-         | 184 | C13H28  | 049622-18-6 | 17   |
| 3    |      | Cyclopropane, 1,1'-methylenebis- | 96  | C7H12   | 005685-47-2 | 14   |
| 4    |      | Cyclopentanol, 3-methyl-         | 100 | C6H12O  | 018729-48-1 | 12   |
| 5    |      | 4-Penten-1-ol, propanoate        | 142 | C8H14O2 | 030563-30-5 | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46G4

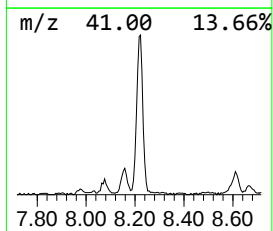
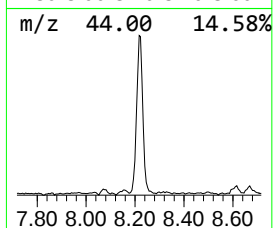
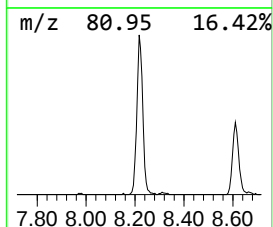
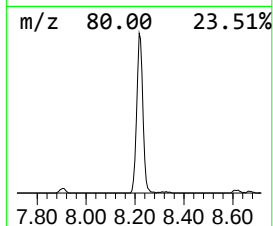
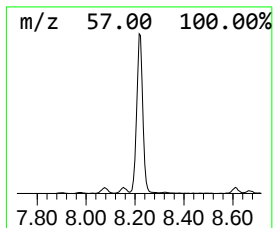
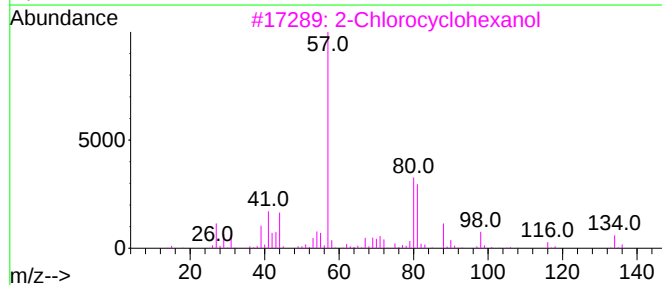
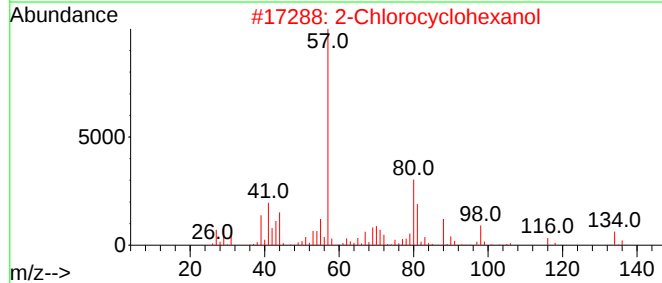
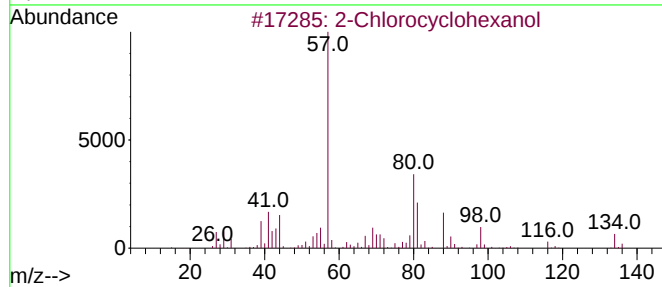
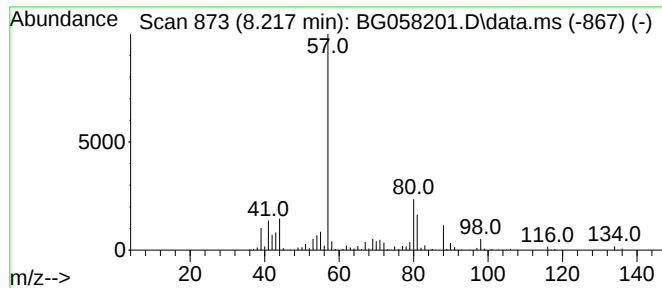
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 2-Chlorocyclohexanol Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.217 | 58.93 ng/ul | 865395 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of                   | 5 | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|----------------------|---|--------------|----------|-------------|------|------|
| 1    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 87   |      |
| 2    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 83   |      |
| 3    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 64   |      |
| 4    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 49   |      |
| 5    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 43   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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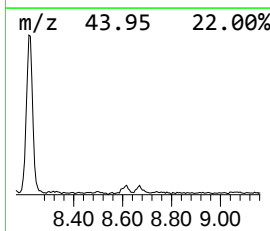
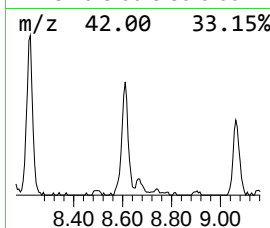
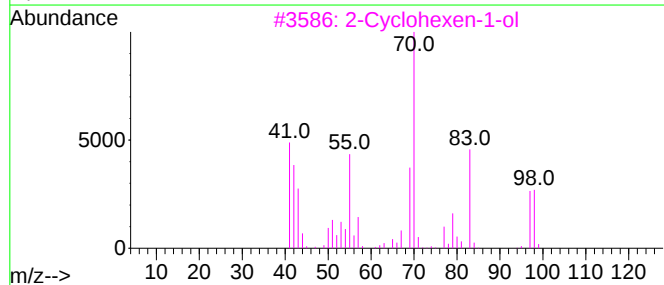
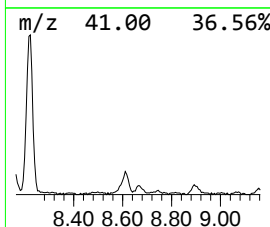
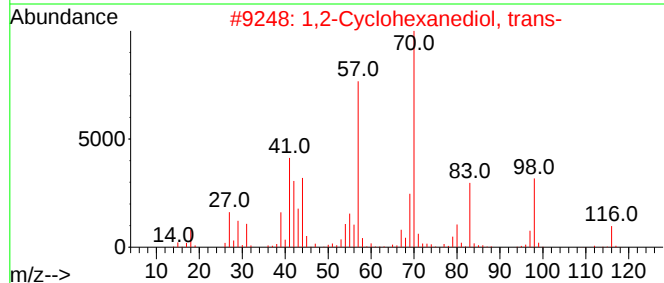
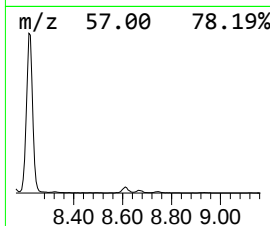
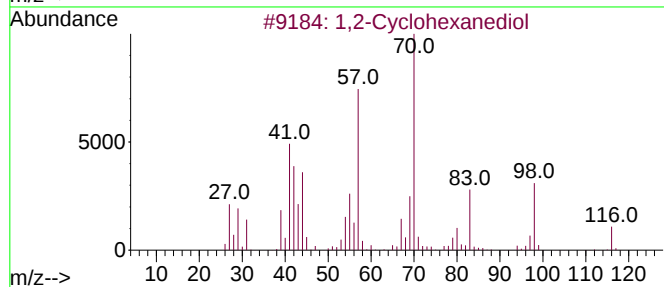
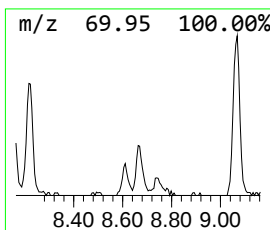
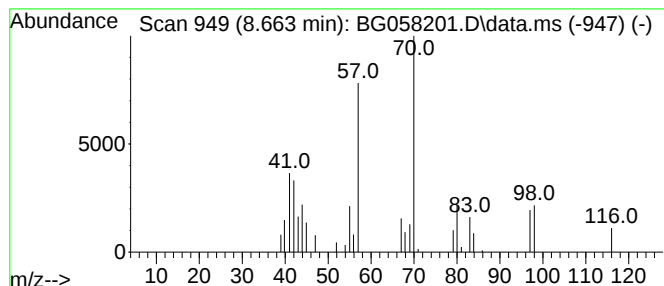
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 unknown-03 Concentration Rank 10

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.663 | 2.41 ng/ul | 35378 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | 1,2-Cyclohexanediol         | 116 | C6H12O2 | 000931-17-9 | 49   |
| 2    |      | 1,2-Cyclohexanediol, trans- | 116 | C6H12O2 | 001460-57-7 | 43   |
| 3    |      | 2-Cyclohexen-1-ol           | 98  | C6H10O  | 000822-67-3 | 42   |
| 4    |      | 1,2-Cyclohexanediol         | 116 | C6H12O2 | 000931-17-9 | 38   |
| 5    |      | 1,2-Cyclohexanediol         | 116 | C6H12O2 | 000931-17-9 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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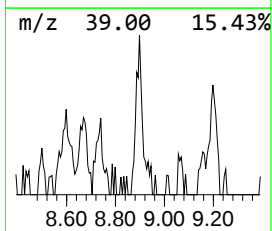
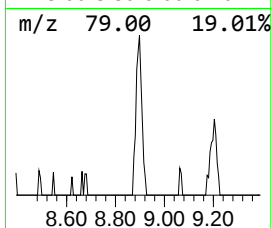
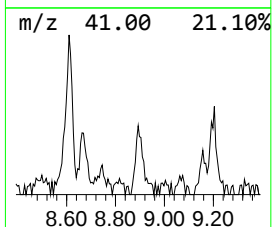
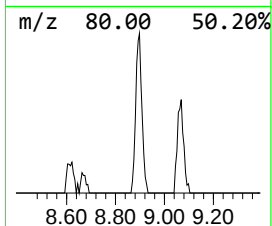
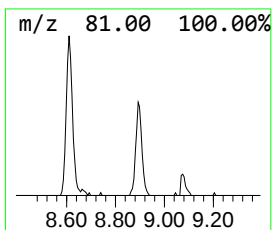
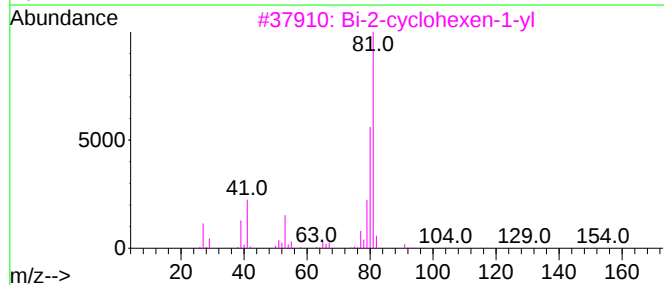
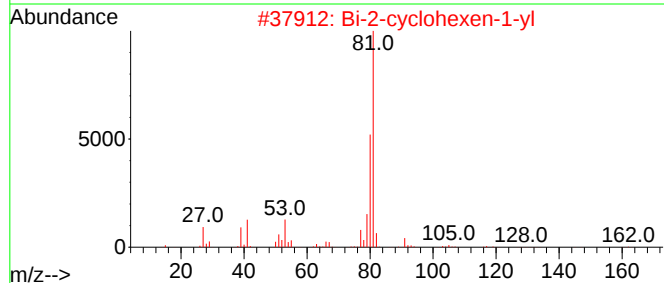
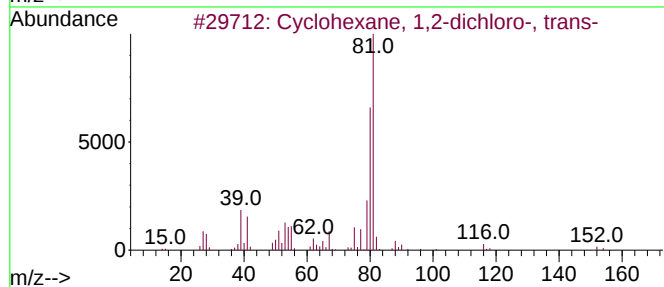
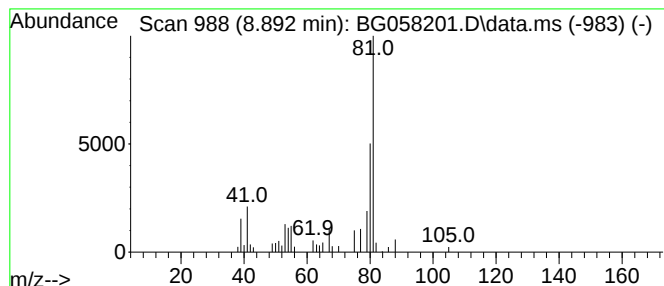
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Cyclohexane, 1,2-dichloro-,... Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.892 | 3.32 ng/ul | 48741 | 1,4-Dichlorobenzene-d4 | 7.905 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclohexane, 1,2-dichloro-, trans- | 152 | C6H10Cl2 | 000822-86-6 | 90   |
| 2    |    |   | Bi-2-cyclohexen-1-yl               | 162 | C12H18   | 001541-20-4 | 59   |
| 3    |    |   | Bi-2-cyclohexen-1-yl               | 162 | C12H18   | 001541-20-4 | 59   |
| 4    |    |   | 1H-Pyrrole, 1-methyl-              | 81  | C5H7N    | 000096-54-8 | 53   |
| 5    |    |   | Cyclohexene, 4-bromo-              | 160 | C6H9Br   | 003540-84-9 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46G4

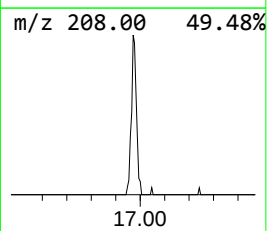
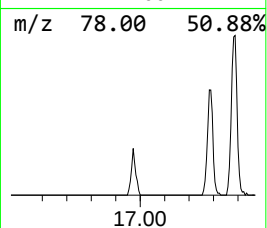
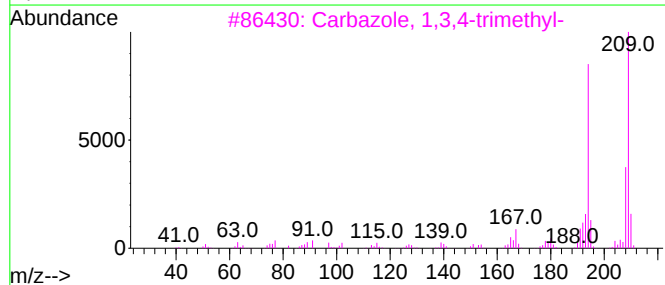
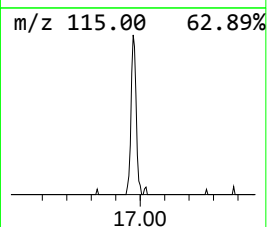
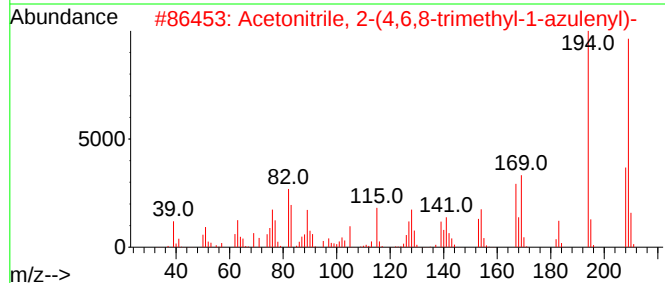
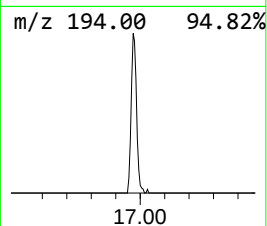
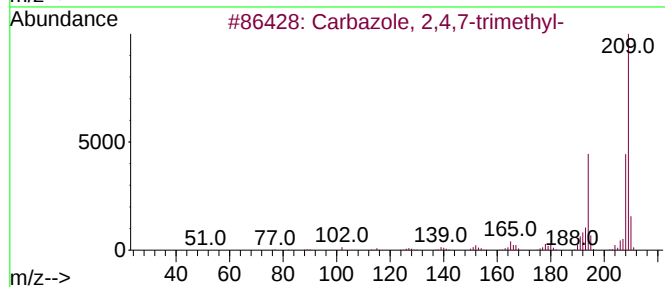
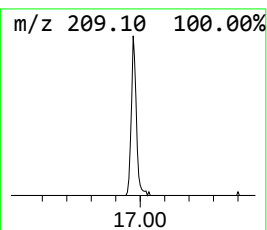
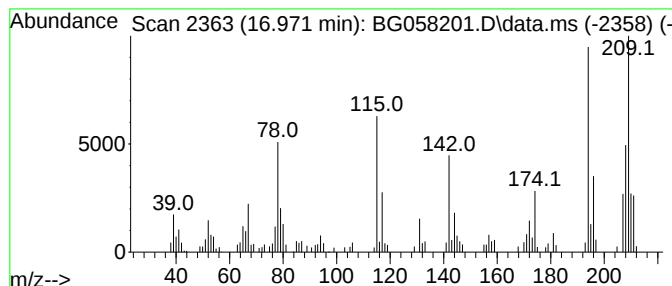
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 unknown-04 Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.971 | 2.23 ng/ul | 105494 | Phenanthrene-d10 | 17.288 |

| Hit# | of | 5 | Tentative ID                                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Carbazole, 2,4,7-trimethyl-                   | 209 | C15H15N | 078787-89-0 | 49   |
| 2    |    |   | Acetonitrile, 2-(4,6,8-trimethyl-1-azulenyl)- | 209 | C15H15N | 101089-34-3 | 47   |
| 3    |    |   | Carbazole, 1,3,4-trimethyl-                   | 209 | C15H15N | 078787-82-3 | 47   |
| 4    |    |   | Carbazole, 2,3,5-trimethyl-                   | 209 | C15H15N | 078787-85-6 | 47   |
| 5    |    |   | 5,6,11,12-Tetrahydrodibenz(b,f)azepine        | 209 | C15H15N | 005697-88-1 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46G4

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

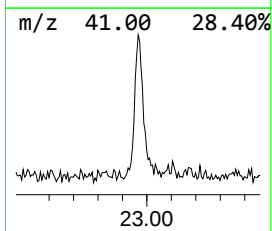
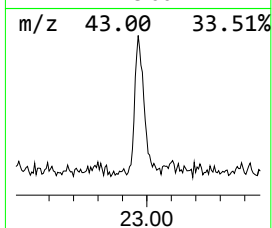
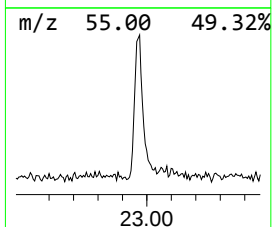
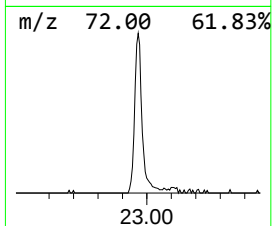
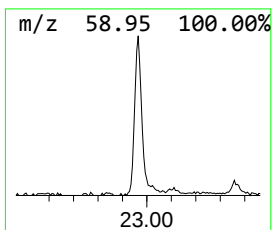
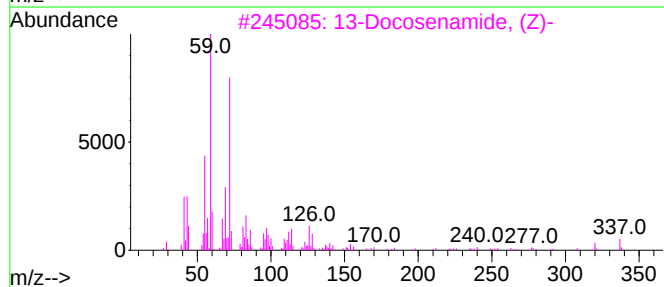
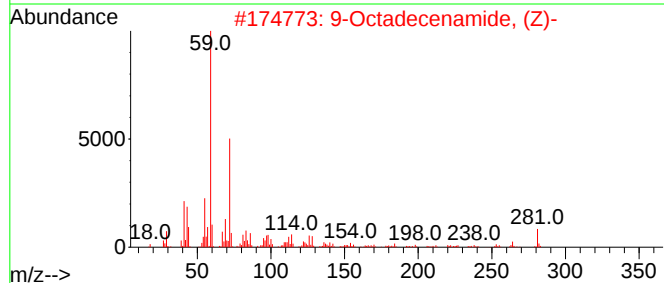
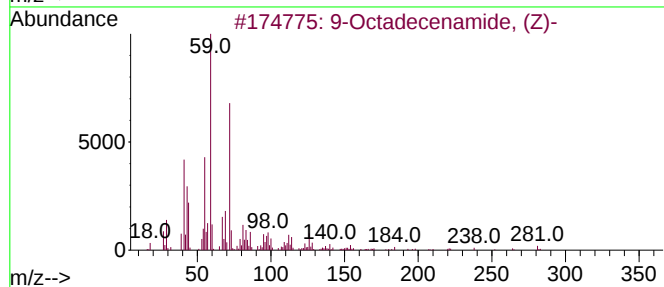
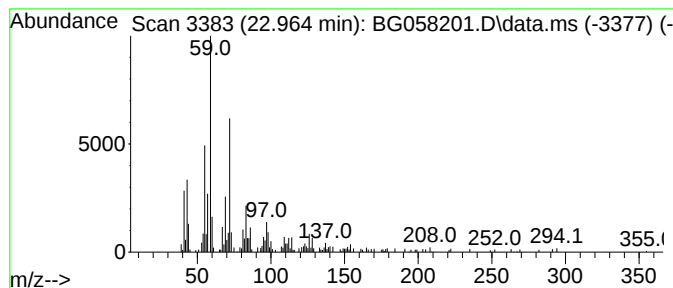
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.964 | 4.67 ng/ul | 227138 | Chrysene-d12     | 21.536 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------------|-----|----------|-------------|------|
| 1    |      | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 83   |
| 2    |      | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 83   |
| 3    |      | 13-Docosenamide, (Z)-  | 337 | C22H43NO | 000112-84-5 | 76   |
| 4    |      | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 64   |
| 5    |      | Palmitoleamide         | 253 | C16H31NO | 106010-22-4 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
Data File : BG058201.D  
Acq On : 13 Jul 2023 16:36  
Operator : CG/JU  
Sample : 03414-10  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A46G4

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 |
| Cyclohexene        | 3.158  | 359.3   | ng/u1 | 5276880  | 1                     | 7.905  | 293727 | 20.0 |
| 2-Cyclohexen-1-ol  | 5.802  | 10.1    | ng/u1 | 148755   | 1                     | 7.905  | 293727 | 20.0 |
| Cyclohexene, 3-... | 6.184  | 3.3     | ng/u1 | 47904    | 1                     | 7.905  | 293727 | 20.0 |
| 2-Cyclohexen-1-one | 6.525  | 22.4    | ng/u1 | 329028   | 1                     | 7.905  | 293727 | 20.0 |
| unknown-01         | 8.076  | 3.8     | ng/u1 | 55490    | 1                     | 7.905  | 293727 | 20.0 |
| unknown-02         | 8.158  | 5.4     | ng/u1 | 78791    | 1                     | 7.905  | 293727 | 20.0 |
| 2-Chlorocyclohe... | 8.217  | 58.9    | ng/u1 | 865395   | 1                     | 7.905  | 293727 | 20.0 |
| unknown-03         | 8.663  | 2.4     | ng/u1 | 35378    | 1                     | 7.905  | 293727 | 20.0 |
| Cyclohexane, 1,... | 8.892  | 3.3     | ng/u1 | 48741    | 1                     | 7.905  | 293727 | 20.0 |
| unknown-04         | 16.971 | 2.2     | ng/u1 | 105494   | 4                     | 17.288 | 945043 | 20.0 |
| 9-Octadecenamid... | 22.964 | 4.7     | ng/u1 | 227138   | 5                     | 21.536 | 972362 | 20.0 |