

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
 Data File : BG059248.D  
 Acq On : 29 Sep 2023 00:27  
 Operator : MA/JU  
 Sample : 04480-13  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS829

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-BG092723.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG059248.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         | 3.496       | 10            | 18          | 47           | rVB      | 13351730       | 31585796      | 100.00%         | 31.080%       |
| 2         | 3.807       | 63            | 71          | 79           | rVB4     | 45387          | 129250        | 0.41%           | 0.127%        |
| 3         | 3.966       | 94            | 98          | 101          | rBV      | 85516          | 131701        | 0.42%           | 0.130%        |
| 4         | 4.001       | 101           | 104         | 114          | rVB2     | 84401          | 171150        | 0.54%           | 0.168%        |
| 5         | 4.771       | 230           | 235         | 240          | rVV      | 70552          | 126058        | 0.40%           | 0.124%        |
| 6         | 4.853       | 240           | 249         | 260          | rVV      | 13689801       | 28262707      | 89.48%          | 27.810%       |
| 7         | 5.329       | 324           | 330         | 334          | rBV2     | 168354         | 266682        | 0.84%           | 0.262%        |
| 8         | 5.570       | 365           | 371         | 378          | rVB2     | 107737         | 189446        | 0.60%           | 0.186%        |
| 9         | 5.952       | 430           | 436         | 441          | rVV3     | 80996          | 124880        | 0.40%           | 0.123%        |
| 10        | 6.010       | 441           | 446         | 449          | rVV3     | 90704          | 148716        | 0.47%           | 0.146%        |
| 11        | 6.057       | 449           | 454         | 457          | rVV      | 97210          | 195320        | 0.62%           | 0.192%        |
| 12        | 6.104       | 457           | 462         | 470          | rVV      | 188347         | 340438        | 1.08%           | 0.335%        |
| 13        | 6.434       | 507           | 518         | 522          | rBV4     | 211450         | 580260        | 1.84%           | 0.571%        |
| 14        | 6.475       | 522           | 525         | 531          | rVV2     | 116711         | 212728        | 0.67%           | 0.209%        |
| 15        | 6.539       | 531           | 536         | 543          | rVB5     | 59089          | 135993        | 0.43%           | 0.134%        |
| 16        | 6.680       | 551           | 560         | 566          | rVV3     | 284405         | 604110        | 1.91%           | 0.594%        |
| 17        | 6.745       | 566           | 571         | 574          | rVV2     | 80992          | 146553        | 0.46%           | 0.144%        |
| 18        | 6.798       | 574           | 580         | 586          | rVV      | 495344         | 843403        | 2.67%           | 0.830%        |
| 19        | 6.904       | 594           | 598         | 604          | rVB2     | 119210         | 169881        | 0.54%           | 0.167%        |
| 20        | 6.974       | 604           | 610         | 615          | rBV6     | 87455          | 178435        | 0.56%           | 0.176%        |
| 21        | 7.174       | 639           | 644         | 650          | rBV5     | 106012         | 191539        | 0.61%           | 0.188%        |
| 22        | 7.321       | 661           | 669         | 673          | rBV2     | 450677         | 875752        | 2.77%           | 0.862%        |
| 23        | 7.362       | 673           | 676         | 680          | rVV2     | 83577          | 160667        | 0.51%           | 0.158%        |
| 24        | 7.473       | 688           | 695         | 701          | rBV4     | 233651         | 546300        | 1.73%           | 0.538%        |
| 25        | 7.556       | 704           | 709         | 714          | rVV2     | 310791         | 600519        | 1.90%           | 0.591%        |
| 26        | 7.609       | 714           | 718         | 723          | rVV4     | 166248         | 369222        | 1.17%           | 0.363%        |
| 27        | 7.750       | 737           | 742         | 746          | rVV2     | 209772         | 392950        | 1.24%           | 0.387%        |
| 28        | 7.791       | 746           | 749         | 756          | rVB3     | 136229         | 224186        | 0.71%           | 0.221%        |
| 29        | 7.891       | 762           | 766         | 771          | rBV4     | 120529         | 238650        | 0.76%           | 0.235%        |
| 30        | 8.096       | 795           | 801         | 804          | rBV4     | 212841         | 413323        | 1.31%           | 0.407%        |
| 31        | 8.231       | 818           | 824         | 828          | rVB2     | 140413         | 260965        | 0.83%           | 0.257%        |
| 32        | 8.296       | 829           | 835         | 838          | rVV4     | 100928         | 172617        | 0.55%           | 0.170%        |
| 33        | 8.343       | 838           | 843         | 851          | rVB7     | 144341         | 323572        | 1.02%           | 0.318%        |
| 34        | 8.414       | 851           | 855         | 863          | rVB4     | 91052          | 155185        | 0.49%           | 0.153%        |
| 35        | 8.502       | 864           | 870         | 877          | rVB5     | 135019         | 323190        | 1.02%           | 0.318%        |
| 36        | 8.578       | 878           | 883         | 887          | rBV4     | 81102          | 135957        | 0.43%           | 0.134%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
 Data File : BG059248.D  
 Acq On : 29 Sep 2023 00:27  
 Operator : MA/JU  
 Sample : 04480-13  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS829

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-BG092723.MA.M  
 Title : SVOA CALIBRATION

|    |       |     |     |     |      |        |        |       |        |
|----|-------|-----|-----|-----|------|--------|--------|-------|--------|
| 37 | 8.684 | 896 | 901 | 905 | rBV4 | 91507  | 180162 | 0.57% | 0.177% |
| 38 | 8.748 | 905 | 912 | 917 | rVB4 | 162188 | 341317 | 1.08% | 0.336% |
| 39 | 8.925 | 930 | 942 | 951 | rBV6 | 288964 | 894595 | 2.83% | 0.880% |
| 40 | 9.048 | 957 | 963 | 977 | rBV6 | 339148 | 881361 | 2.79% | 0.867% |

|    |       |      |      |      |      |        |         |       |        |
|----|-------|------|------|------|------|--------|---------|-------|--------|
| 41 | 9.260 | 993  | 999  | 1004 | rBV  | 526031 | 1003926 | 3.18% | 0.988% |
| 42 | 9.430 | 1021 | 1028 | 1033 | rBV2 | 236171 | 485769  | 1.54% | 0.478% |
| 43 | 9.636 | 1057 | 1063 | 1073 | rVB7 | 122475 | 357526  | 1.13% | 0.352% |
| 44 | 9.730 | 1073 | 1079 | 1085 | rBV8 | 71055  | 181879  | 0.58% | 0.179% |
| 45 | 9.806 | 1085 | 1092 | 1095 | rBV5 | 132836 | 236125  | 0.75% | 0.232% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 46 | 9.941  | 1110 | 1115 | 1121 | rVB3 | 169684 | 314311 | 1.00% | 0.309% |
| 47 | 10.070 | 1125 | 1137 | 1142 | rBV7 | 177562 | 573525 | 1.82% | 0.564% |
| 48 | 10.147 | 1142 | 1150 | 1155 | rVB5 | 208293 | 450363 | 1.43% | 0.443% |
| 49 | 10.211 | 1155 | 1161 | 1166 | rBV4 | 177900 | 405744 | 1.28% | 0.399% |
| 50 | 10.605 | 1220 | 1228 | 1234 | rVV4 | 187716 | 504274 | 1.60% | 0.496% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 51 | 10.681 | 1234 | 1241 | 1246 | rVV4 | 419217 | 931872 | 2.95% | 0.917% |
| 52 | 10.728 | 1246 | 1249 | 1251 | rVV3 | 197226 | 304942 | 0.97% | 0.300% |
| 53 | 10.770 | 1253 | 1256 | 1267 | rVB5 | 279180 | 621145 | 1.97% | 0.611% |
| 54 | 10.928 | 1275 | 1283 | 1292 | rBV5 | 60520  | 194718 | 0.62% | 0.192% |
| 55 | 11.075 | 1296 | 1308 | 1315 | rBV3 | 314487 | 938077 | 2.97% | 0.923% |

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 56 | 11.169 | 1315 | 1324 | 1329 | rVV3 | 779577 | 1702529 | 5.39% | 1.675% |
| 57 | 11.222 | 1329 | 1333 | 1341 | rVB3 | 241776 | 488305  | 1.55% | 0.480% |
| 58 | 11.293 | 1341 | 1345 | 1349 | rBV2 | 125836 | 192666  | 0.61% | 0.190% |
| 59 | 11.416 | 1359 | 1366 | 1369 | rBV7 | 96848  | 208139  | 0.66% | 0.205% |
| 60 | 11.563 | 1383 | 1391 | 1402 | rBV7 | 52450  | 170966  | 0.54% | 0.168% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 61 | 11.674 | 1405 | 1410 | 1415 | rBV5 | 97653  | 180857 | 0.57% | 0.178% |
| 62 | 11.839 | 1430 | 1438 | 1441 | rBV6 | 59998  | 119631 | 0.38% | 0.118% |
| 63 | 11.956 | 1451 | 1458 | 1468 | rBV8 | 137825 | 419651 | 1.33% | 0.413% |
| 64 | 12.097 | 1476 | 1482 | 1488 | rBV7 | 85226  | 180266 | 0.57% | 0.177% |
| 65 | 12.209 | 1496 | 1501 | 1506 | rBV2 | 226163 | 392645 | 1.24% | 0.386% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 66 | 12.338 | 1518 | 1523 | 1527 | rBV  | 112681 | 183368 | 0.58% | 0.180% |
| 67 | 12.567 | 1557 | 1562 | 1570 | rBV4 | 223605 | 518080 | 1.64% | 0.510% |
| 68 | 12.708 | 1583 | 1586 | 1593 | rVV2 | 127825 | 204314 | 0.65% | 0.201% |
| 69 | 12.873 | 1609 | 1614 | 1618 | rBV7 | 93819  | 154362 | 0.49% | 0.152% |
| 70 | 12.996 | 1631 | 1635 | 1644 | rVB3 | 130723 | 260560 | 0.82% | 0.256% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 71 | 13.190 | 1660 | 1668 | 1673 | rBV3 | 72115  | 232470 | 0.74% | 0.229% |
| 72 | 13.372 | 1693 | 1699 | 1707 | rBV2 | 447113 | 905042 | 2.87% | 0.891% |
| 73 | 13.860 | 1776 | 1782 | 1788 | rVB  | 121934 | 224921 | 0.71% | 0.221% |
| 74 | 13.936 | 1788 | 1795 | 1800 | rBV2 | 212906 | 511170 | 1.62% | 0.503% |
| 75 | 14.124 | 1821 | 1827 | 1834 | rVB3 | 155782 | 289565 | 0.92% | 0.285% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 76 | 14.201 | 1836 | 1840 | 1845 | rVV7 | 62852 | 122376 | 0.39% | 0.120% |
|----|--------|------|------|------|------|-------|--------|-------|--------|

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
 Data File : BG059248.D  
 Acq On : 29 Sep 2023 00:27  
 Operator : MA/JU  
 Sample : 04480-13  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS829

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-BG092723.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |       |        |
|-----|--------|------|------|------|------|---------|---------|-------|--------|
| 77  | 14.265 | 1845 | 1851 | 1858 | rVV  | 604049  | 960303  | 3.04% | 0.945% |
| 78  | 14.330 | 1858 | 1862 | 1866 | rVV3 | 91757   | 136753  | 0.43% | 0.135% |
| 79  | 14.477 | 1883 | 1887 | 1893 | rVB4 | 103867  | 166851  | 0.53% | 0.164% |
| 80  | 14.571 | 1898 | 1903 | 1910 | rVB2 | 697633  | 1106563 | 3.50% | 1.089% |
| 81  | 14.665 | 1910 | 1919 | 1930 | rVB  | 349790  | 699664  | 2.22% | 0.688% |
| 82  | 14.865 | 1944 | 1953 | 1960 | rVB  | 366120  | 707991  | 2.24% | 0.697% |
| 83  | 14.982 | 1969 | 1973 | 1977 | rBV2 | 93848   | 119563  | 0.38% | 0.118% |
| 84  | 15.065 | 1982 | 1987 | 1991 | rBV2 | 145571  | 243710  | 0.77% | 0.240% |
| 85  | 15.617 | 2077 | 2081 | 2086 | rVB5 | 83337   | 149706  | 0.47% | 0.147% |
| 86  | 15.858 | 2115 | 2122 | 2129 | rBV  | 838375  | 1313965 | 4.16% | 1.293% |
| 87  | 15.964 | 2135 | 2140 | 2145 | rBV2 | 233769  | 339894  | 1.08% | 0.334% |
| 88  | 16.316 | 2195 | 2200 | 2206 | rVB3 | 105556  | 189860  | 0.60% | 0.187% |
| 89  | 16.416 | 2212 | 2217 | 2223 | rVB3 | 91356   | 147633  | 0.47% | 0.145% |
| 90  | 17.615 | 2416 | 2421 | 2430 | rVB  | 441305  | 682329  | 2.16% | 0.671% |
| 91  | 17.714 | 2432 | 2438 | 2444 | rBV2 | 915308  | 1383647 | 4.38% | 1.361% |
| 92  | 18.437 | 2557 | 2561 | 2570 | rVB2 | 221280  | 299742  | 0.95% | 0.295% |
| 93  | 19.988 | 2820 | 2825 | 2834 | rVB2 | 1099100 | 1593965 | 5.05% | 1.568% |
| 94  | 21.469 | 3073 | 3077 | 3083 | rBV2 | 123913  | 182239  | 0.58% | 0.179% |
| 95  | 21.915 | 3146 | 3153 | 3160 | rBV2 | 384615  | 688189  | 2.18% | 0.677% |
| 96  | 23.607 | 3434 | 3441 | 3449 | rVB2 | 208345  | 413473  | 1.31% | 0.407% |
| 97  | 25.159 | 3693 | 3705 | 3716 | rBV2 | 550025  | 1644835 | 5.21% | 1.618% |
| 98  | 25.288 | 3720 | 3727 | 3734 | rVV5 | 47944   | 128208  | 0.41% | 0.126% |
| 99  | 25.400 | 3735 | 3746 | 3758 | rVB3 | 253614  | 800086  | 2.53% | 0.787% |
| 100 | 26.504 | 3925 | 3934 | 3943 | rVB6 | 42288   | 137316  | 0.43% | 0.135% |

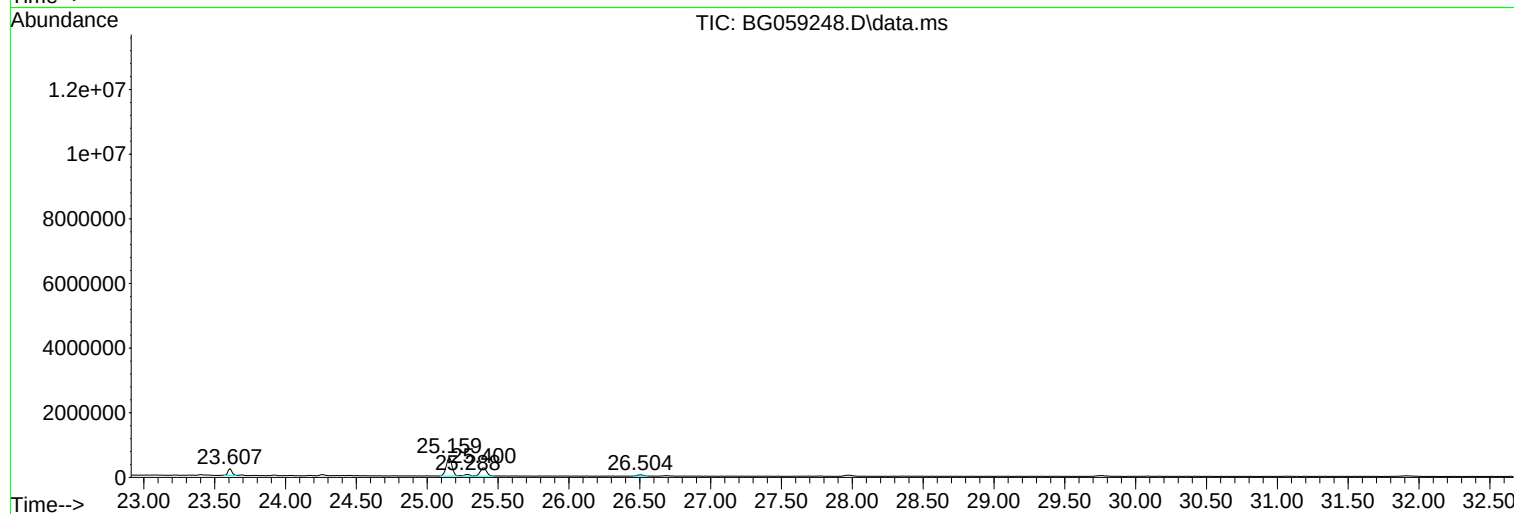
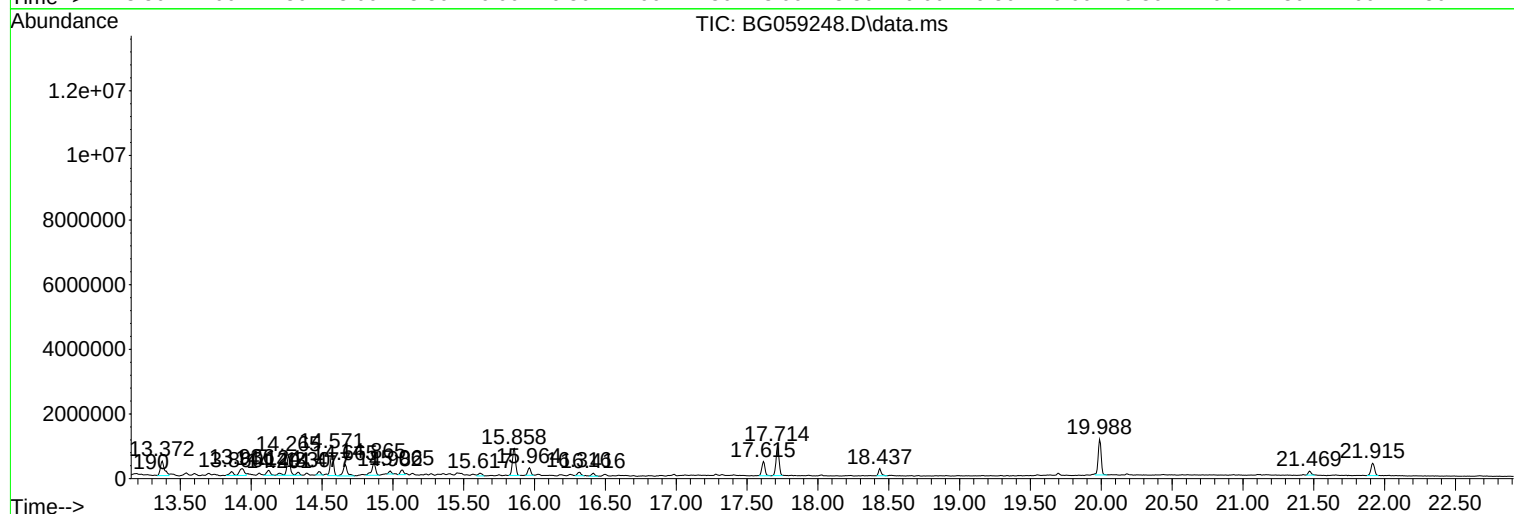
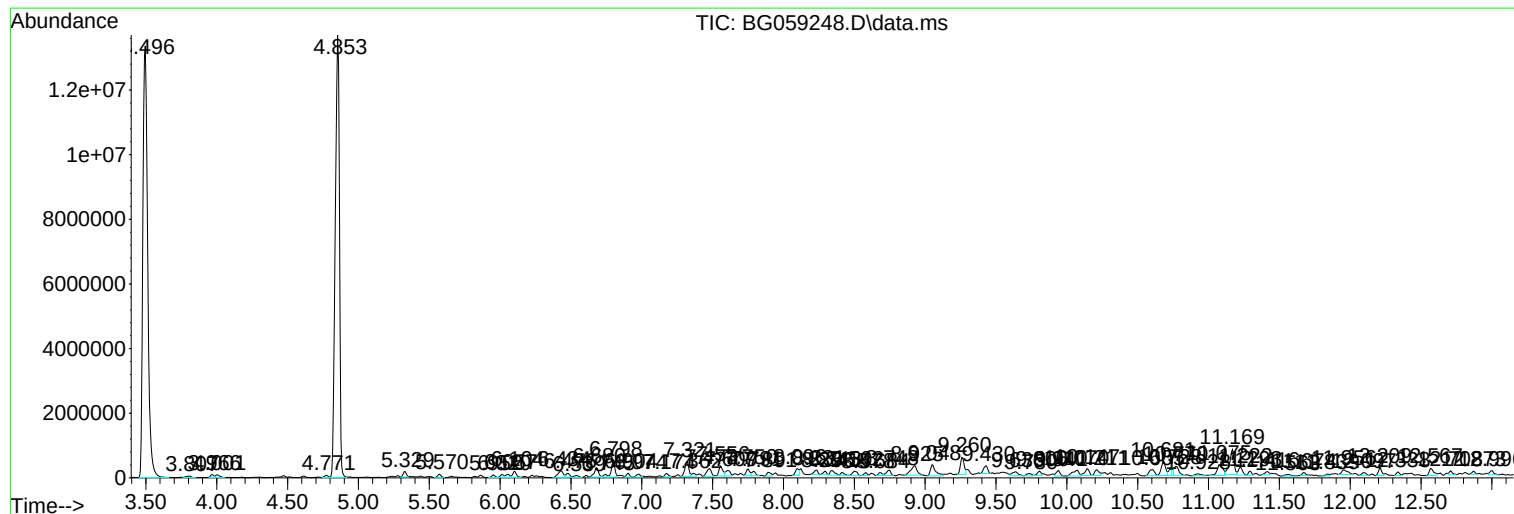
Sum of corrected areas: 101628100

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.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\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

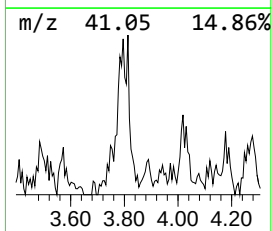
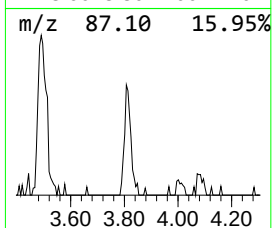
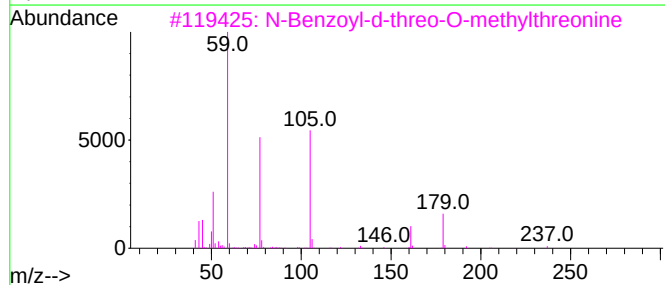
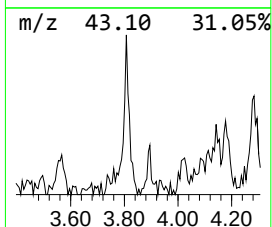
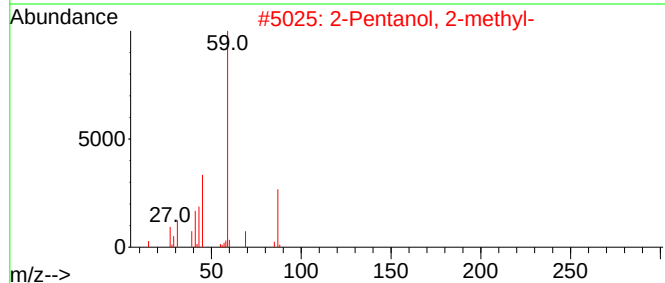
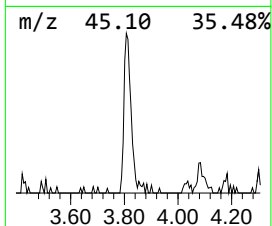
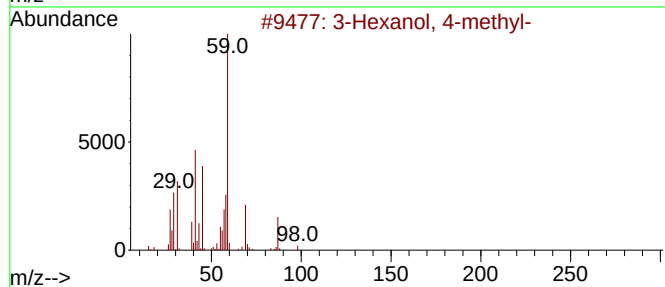
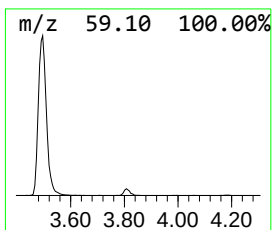
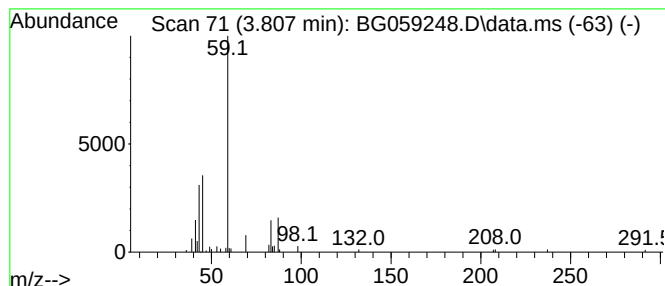
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 unknown-01 Concentration Rank 39

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.807 | 9.91 ng/ul | 129250 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O    | 000615-29-2 | 39   |
| 2    |    |   | 2-Pentanol, 2-methyl-               | 102 | C6H14O    | 000590-36-3 | 25   |
| 3    |    |   | N-Benzoyl-d-threo-O-methylthreonine | 237 | C12H15NO4 | 131644-54-7 | 9    |
| 4    |    |   | 2-Butanol, 2,3-dimethyl-            | 102 | C6H14O    | 000594-60-5 | 9    |
| 5    |    |   | 2-Pentanol, 2-methyl-               | 102 | C6H14O    | 000590-36-3 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

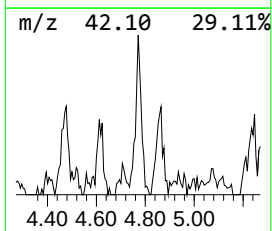
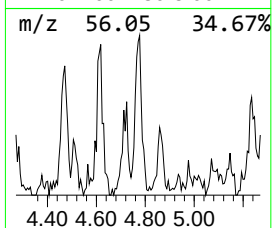
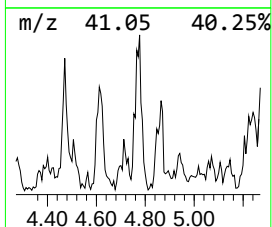
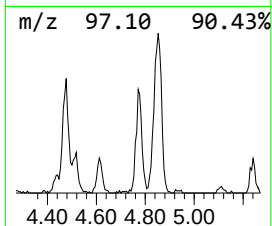
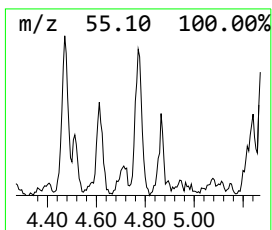
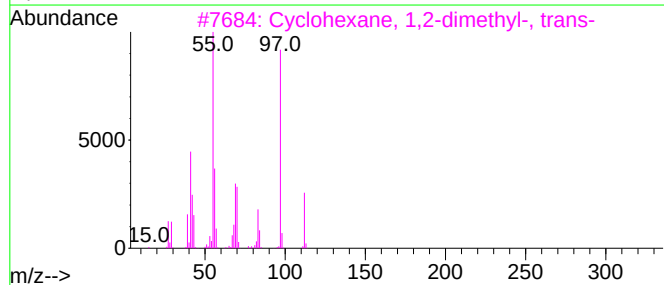
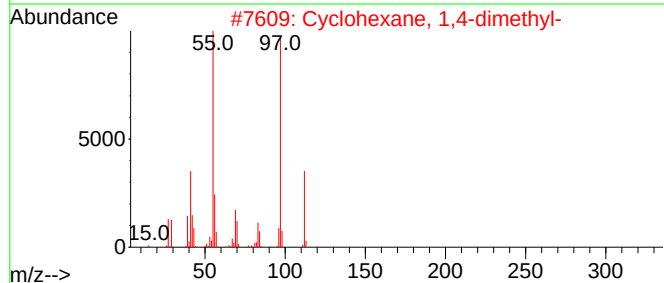
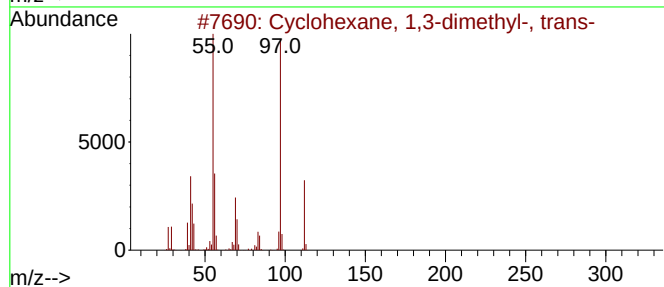
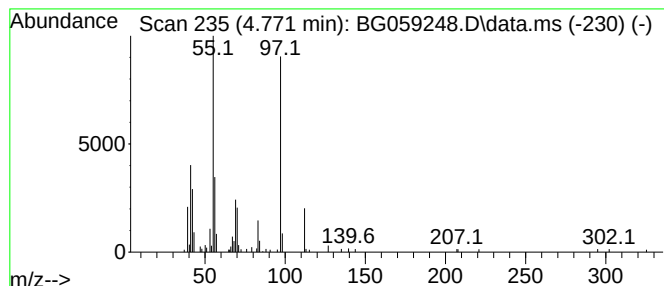
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic4.771 Concentration Rank 40

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.771 | 9.66 ng/ul | 126058 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16   | 002207-03-6 | 90   |
| 2    |    |   | Cyclohexane, 1,4-dimethyl-         | 112 | C8H16   | 000589-90-2 | 90   |
| 3    |    |   | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16   | 006876-23-9 | 90   |
| 4    |    |   | Cyclohexane, 1,4-dimethyl-, cis-   | 112 | C8H16   | 000624-29-3 | 90   |
| 5    |    |   | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16   | 006876-23-9 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

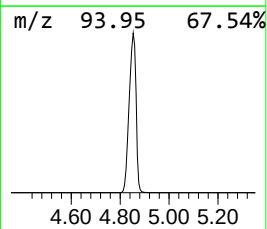
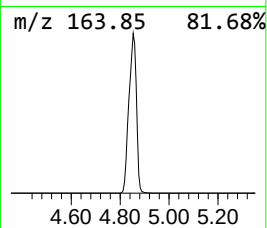
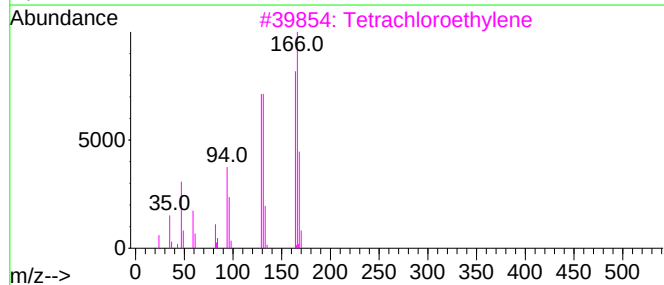
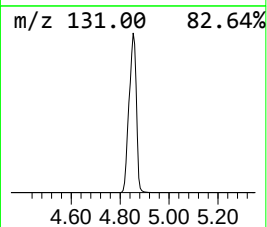
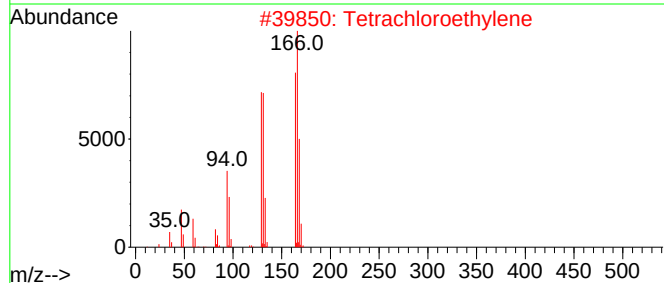
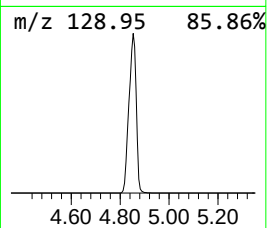
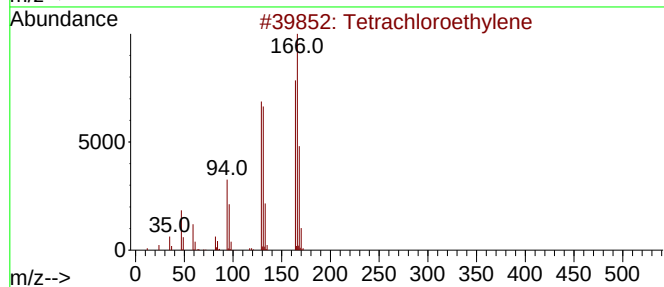
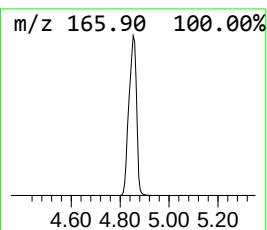
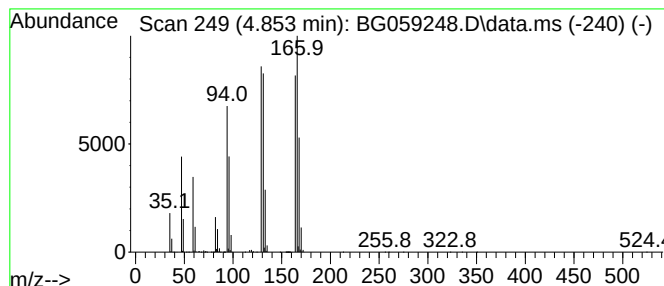
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Tetrachloroethylene Concentration Rank 1

| R.T.  | EstConc       | Area     | Relative to ISTD       | R.T.  |
|-------|---------------|----------|------------------------|-------|
| 4.853 | 2166.02 ng/ul | 28262700 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 98   |
| 2    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 98   |
| 3    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 95   |
| 4    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 94   |
| 5    |    |   | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HC12FN2 | 002927-71-1 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

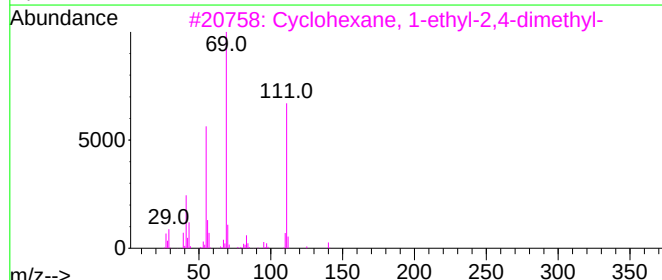
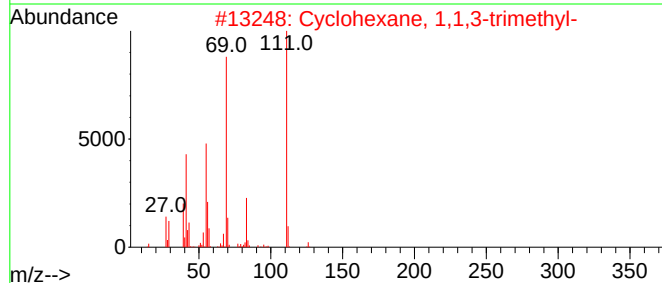
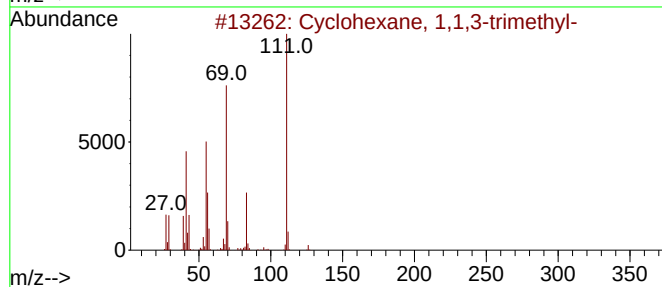
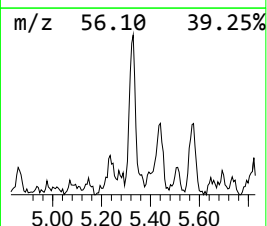
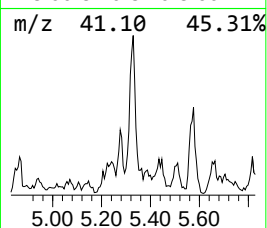
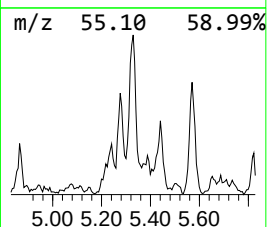
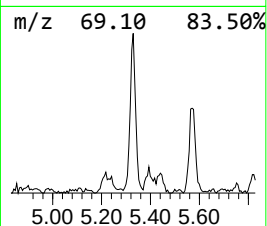
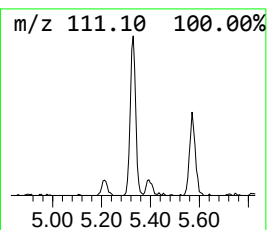
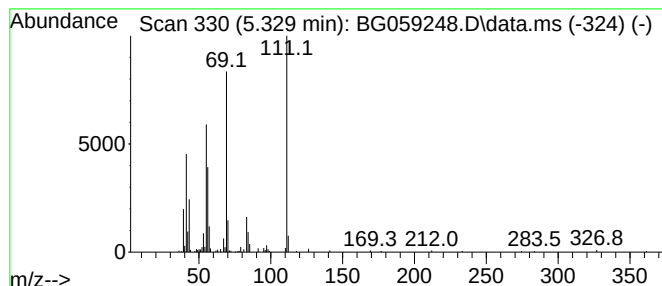
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Cyclic5.329 Concentration Rank 17

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.329 | 20.44 ng/ul | 266682 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,1,3-trimethyl-      | 126 | C9H18   | 003073-66-3 | 74   |
| 2    |    |   | Cyclohexane, 1,1,3-trimethyl-      | 126 | C9H18   | 003073-66-3 | 74   |
| 3    |    |   | Cyclohexane, 1-ethyl-2,4-dimethyl- | 140 | C10H20  | 061142-69-6 | 64   |
| 4    |    |   | Cyclooctane, ethyl-                | 140 | C10H20  | 013152-02-8 | 64   |
| 5    |    |   | Cyclohexane, 1,3,5-trimethyl-      | 126 | C9H18   | 001839-63-0 | 59   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

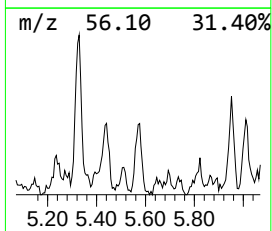
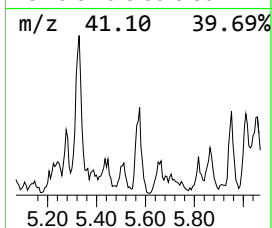
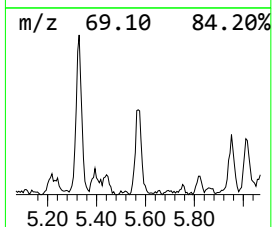
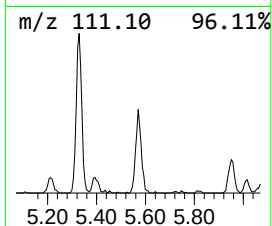
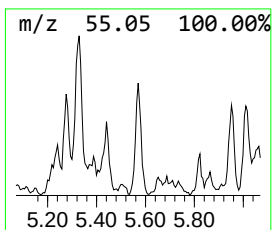
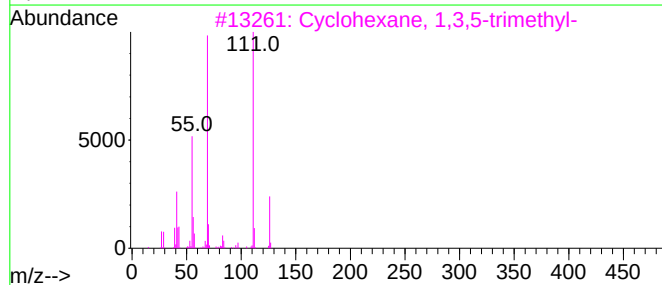
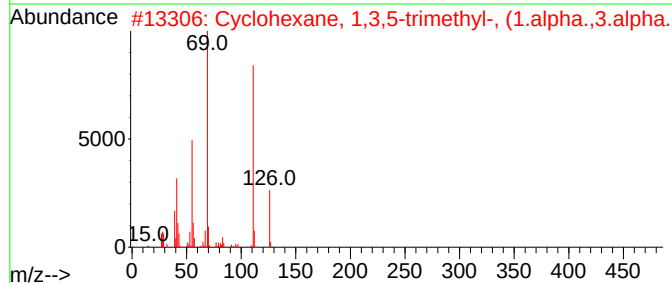
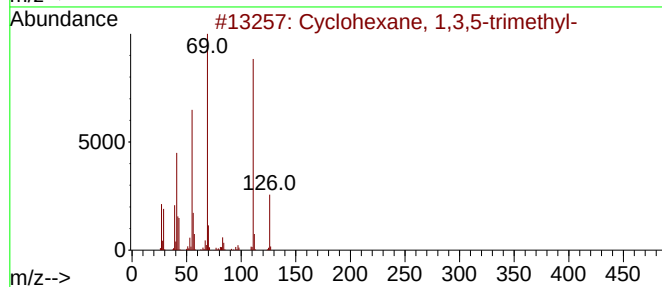
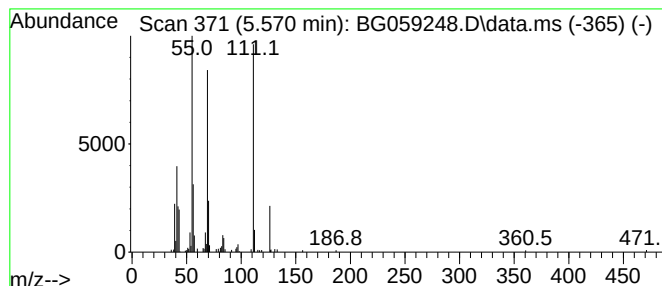
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Cyclic5.570 Concentration Rank 23

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.570 | 14.52 ng/ul | 189446 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,3,5-trimethyl-        | 126 | C9H18   | 001839-63-0 | 80   |
| 2    |    |   | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001795-27-3 | 72   |
| 3    |    |   | Cyclohexane, 1,3,5-trimethyl-        | 126 | C9H18   | 001839-63-0 | 72   |
| 4    |    |   | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001795-27-3 | 72   |
| 5    |    |   | Cyclohexane, 1,3,5-trimethyl-        | 126 | C9H18   | 001839-63-0 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

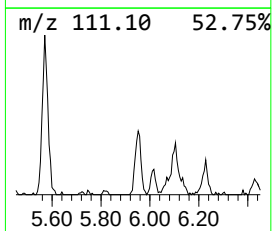
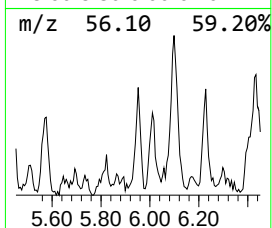
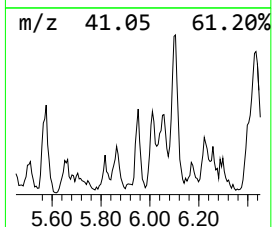
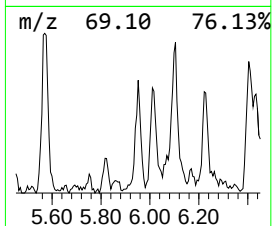
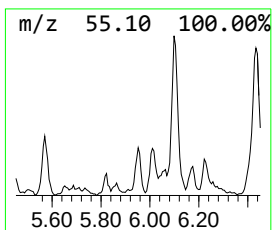
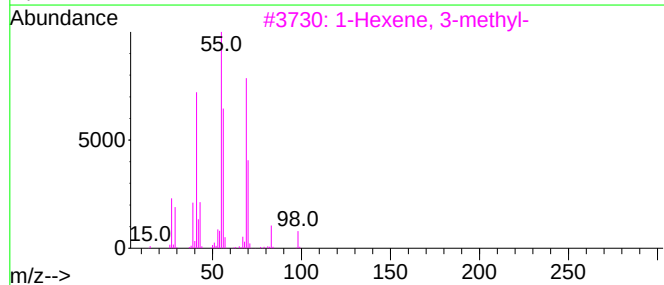
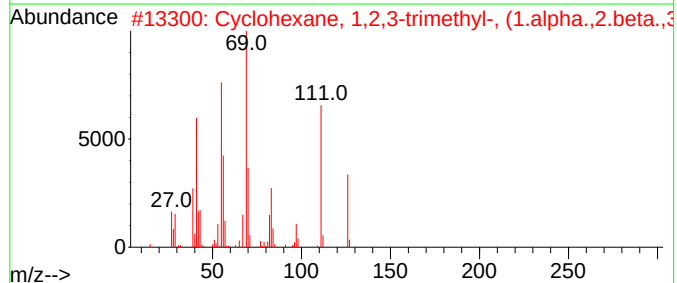
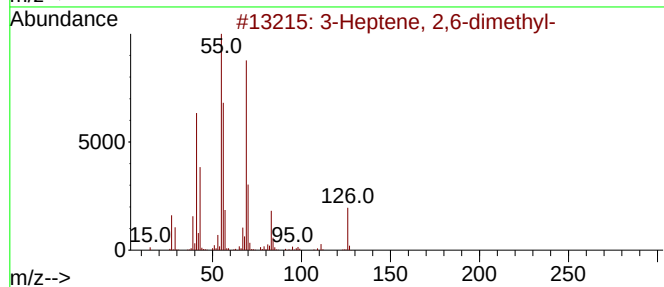
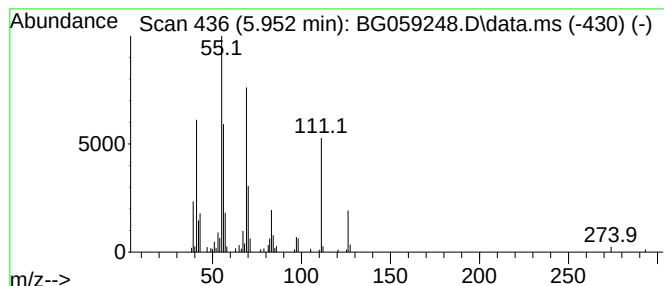
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 5.952 | 9.57 ng/ul | 124880 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Heptene, 2,6-dimethyl-            | 126 | C9H18   | 002738-18-3 | 93   |
| 2    |    |   | Cyclohexane, 1,2,3-trimethyl-, (... | 126 | C9H18   | 001678-81-5 | 80   |
| 3    |    |   | 1-Hexene, 3-methyl-                 | 98  | C7H14   | 003404-61-3 | 64   |
| 4    |    |   | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18   | 007667-60-9 | 62   |
| 5    |    |   | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18   | 001795-26-2 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

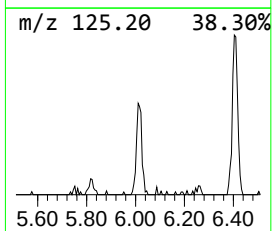
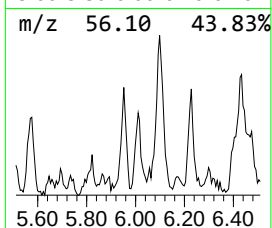
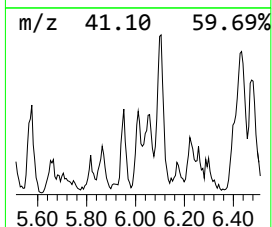
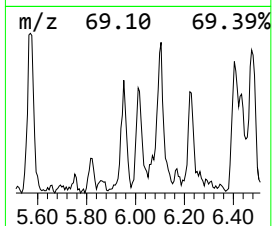
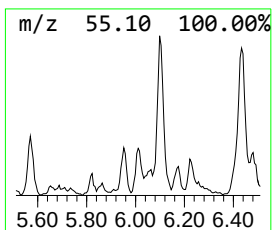
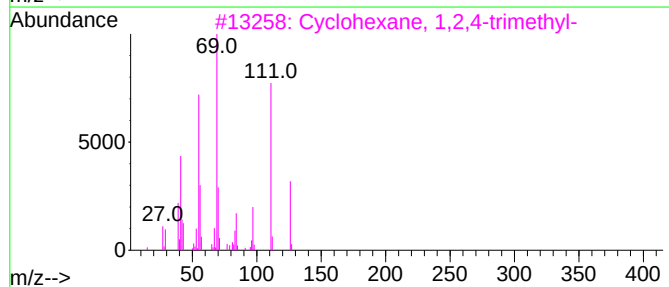
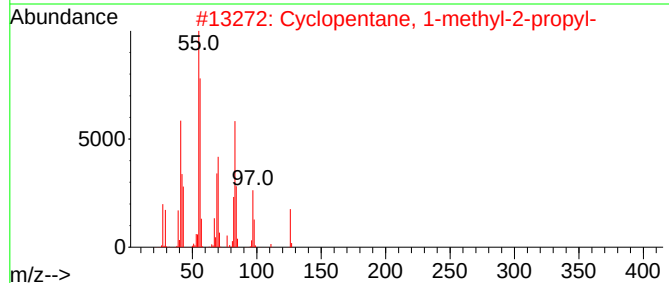
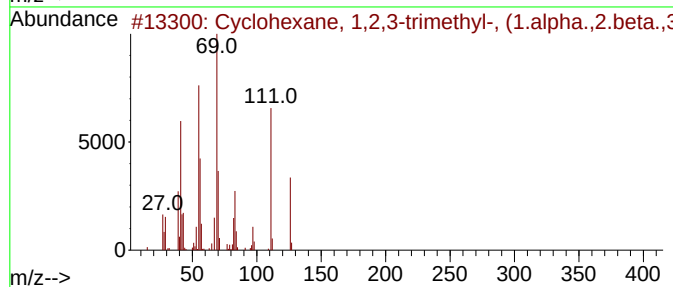
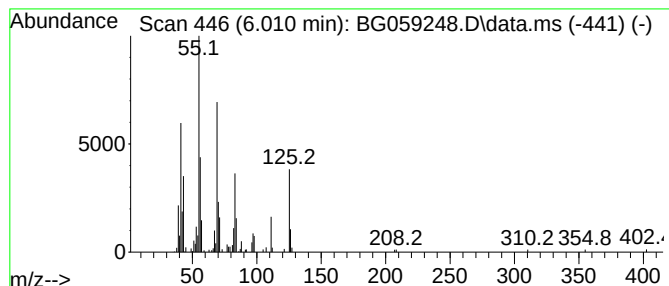
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 (DEL) Alkane: Cyclic6.010 Concentration Rank 33

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.010 | 11.40 ng/ul | 148716 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,2,3-trimethyl-, (... | 126 | C9H18   | 001678-81-5 | 64   |
| 2    |    |   | Cyclopentane, 1-methyl-2-propyl-    | 126 | C9H18   | 003728-57-2 | 53   |
| 3    |    |   | Cyclohexane, 1,2,4-trimethyl-       | 126 | C9H18   | 002234-75-5 | 50   |
| 4    |    |   | 2-Nonene, (E)-                      | 126 | C9H18   | 006434-78-2 | 46   |
| 5    |    |   | 2-Nonene                            | 126 | C9H18   | 002216-38-8 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

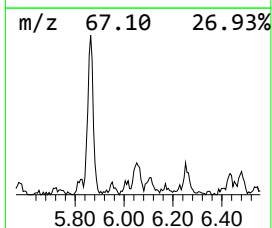
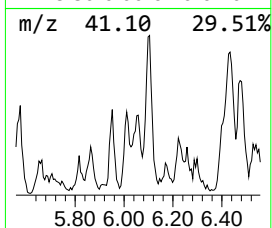
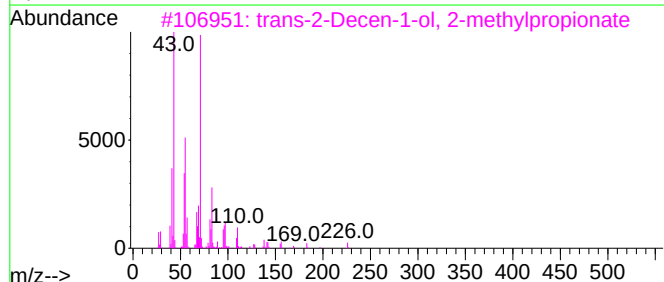
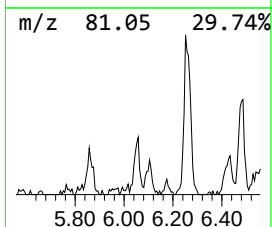
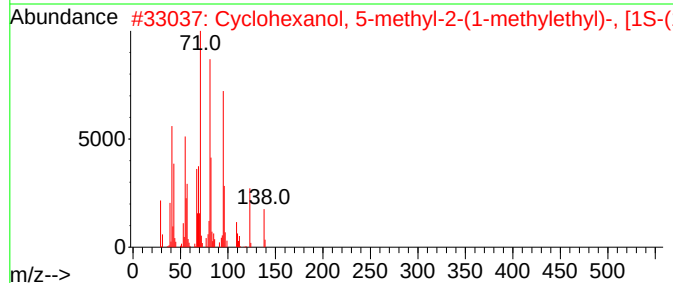
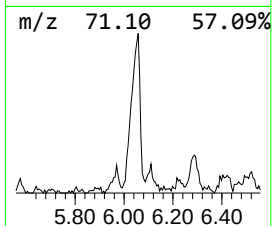
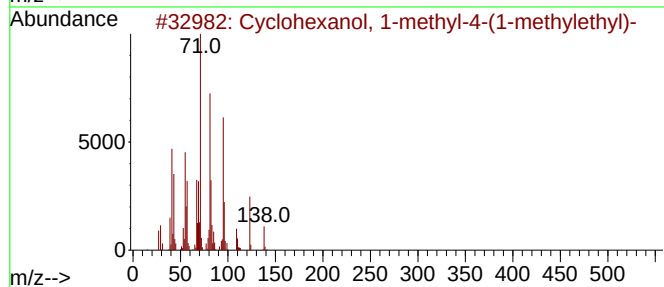
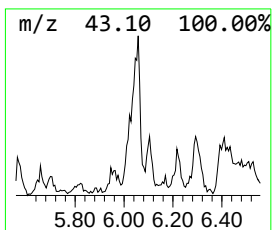
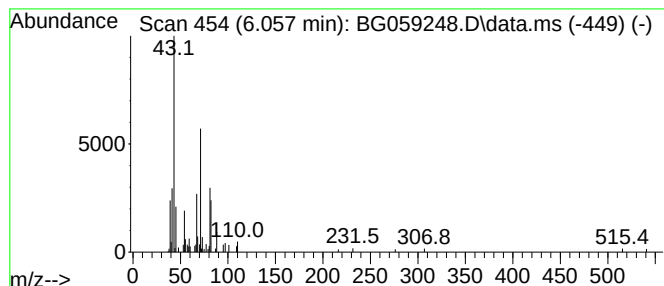
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 8 unknown-02 Concentration Rank 21

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.057 | 14.97 ng/ul | 195320 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclohexanol, 1-methyl-4-(1-meth... | 156 | C10H20O  | 021129-27-1  | 25   |
| 2    |    |   | Cyclohexanol, 5-methyl-2-(1-meth... | 156 | C10H20O  | 002216-52-6  | 23   |
| 3    |    |   | trans-2-Decen-1-ol, 2-methylprop... | 226 | C14H26O2 | 1010447-32-4 | 17   |
| 4    |    |   | 5-Tetradecen-1-ol, acetate, (Z)-    | 254 | C16H30O2 | 035153-13-0  | 12   |
| 5    |    |   | E-7-Dodecen-1-ol acetate            | 226 | C14H26O2 | 1000131-35-3 | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

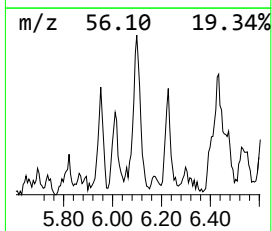
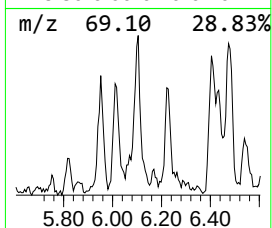
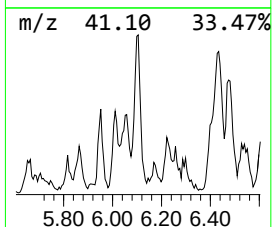
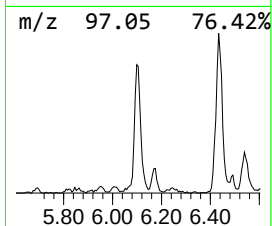
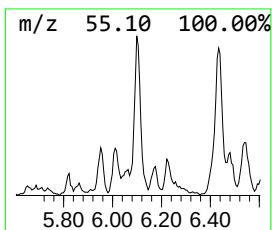
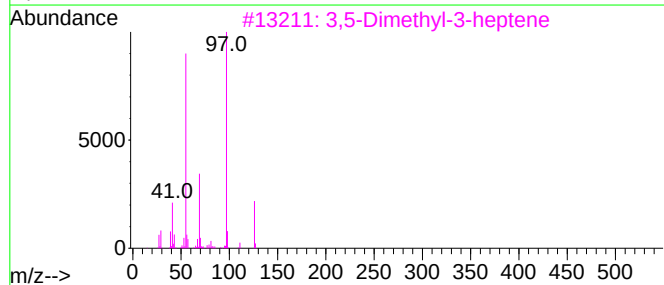
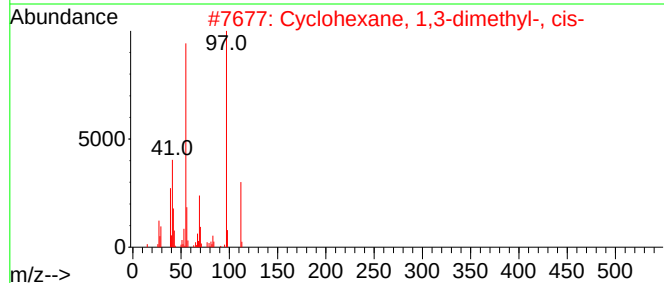
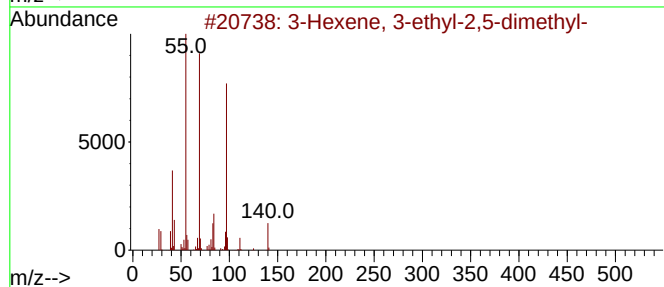
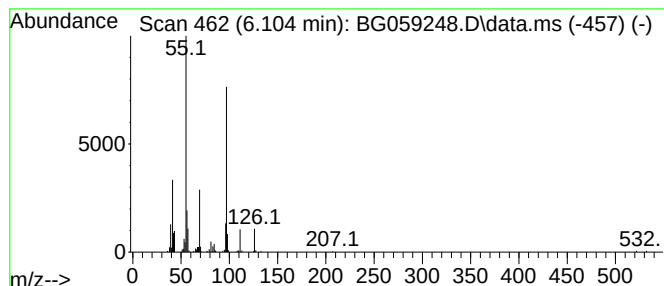
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.104 | 26.09 ng/ul | 340438 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 3-Hexene, 3-ethyl-2,5-dimethyl-     | 140 | C10H20       | 062338-08-3 | 59      |      |      |
| 2    | Cyclohexane, 1,3-dimethyl-, cis-    | 112 | C8H16        | 000638-04-0 | 59      |      |      |
| 3    | 3,5-Dimethyl-3-heptene              | 126 | C9H18        | 059643-68-4 | 59      |      |      |
| 4    | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18        | 004923-78-8 | 59      |      |      |
| 5    | 1-Ethyl-3-methylcyclohexane (c,t)   | 126 | C9H18        | 003728-55-0 | 59      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

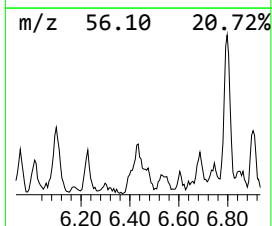
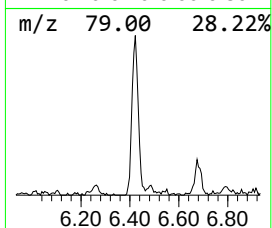
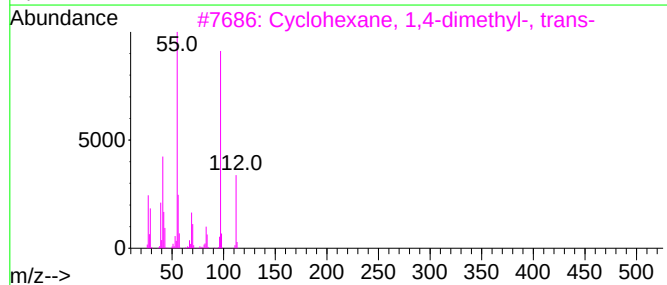
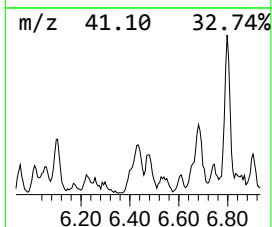
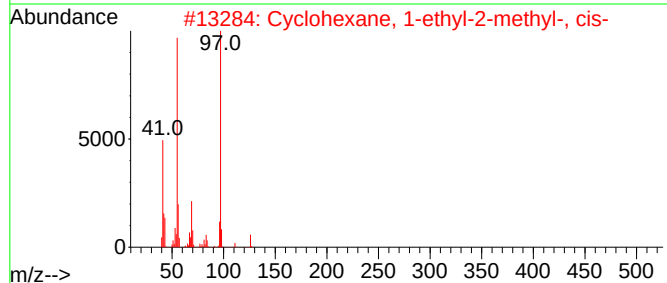
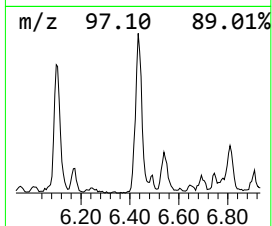
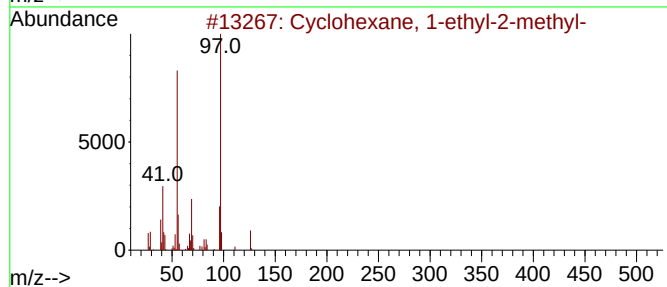
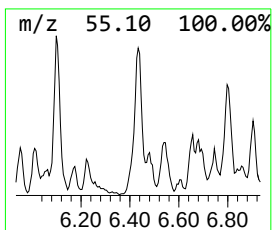
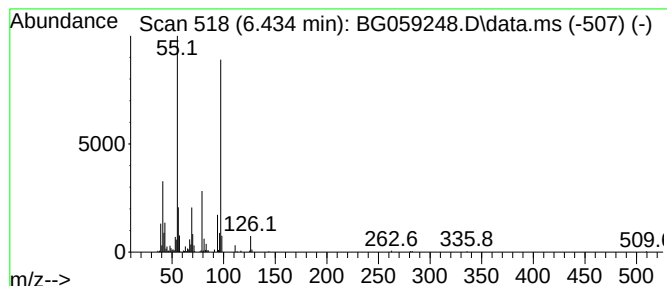
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Cyclic6.434 Concentration Rank 6

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.434 | 44.47 ng/ul | 580260 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-2-methyl-      | 126 | C9H18   | 003728-54-9 | 68   |
| 2    |    |   | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18   | 004923-77-7 | 64   |
| 3    |    |   | Cyclohexane, 1,4-dimethyl-, trans-  | 112 | C8H16   | 002207-04-7 | 59   |
| 4    |    |   | Cyclohexane, 1,4-dimethyl-          | 112 | C8H16   | 000589-90-2 | 59   |
| 5    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

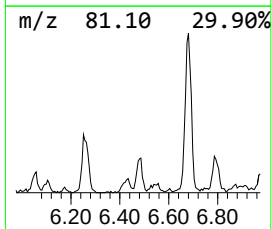
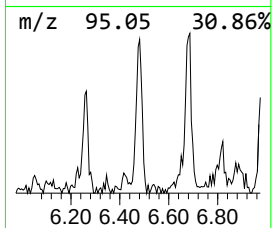
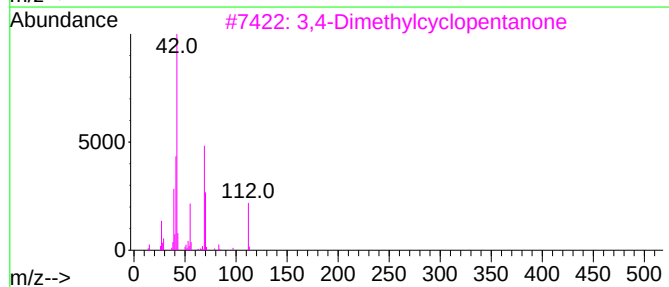
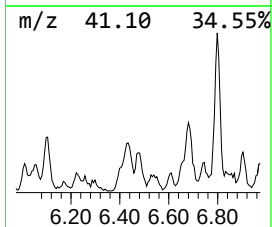
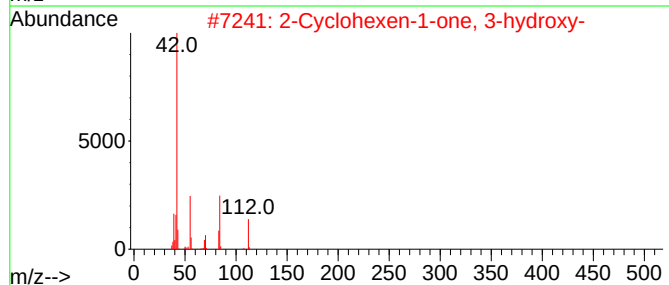
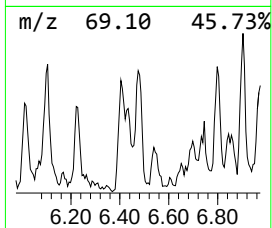
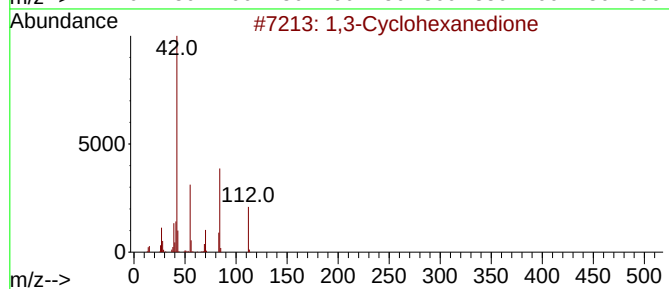
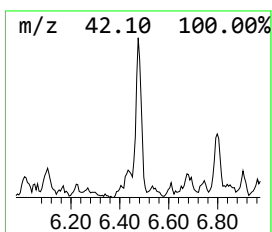
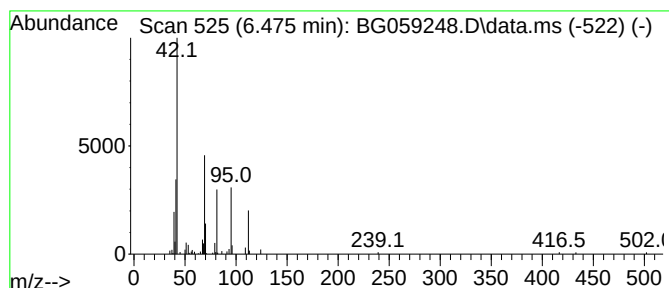
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 1,3-Cyclohexanedione Concentration Rank 20

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.475 | 16.30 ng/ul | 212728 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1,3-Cyclohexanedione             | 112 | C6H8O2  | 000504-02-9 | 59   |
| 2    |    |   | 2-Cyclohexen-1-one, 3-hydroxy-   | 112 | C6H8O2  | 030182-67-3 | 59   |
| 3    |    |   | 3,4-Dimethylcyclopentanone       | 112 | C7H12O  | 058372-16-0 | 53   |
| 4    |    |   | Cyclobutane, methyl-             | 70  | C5H10   | 000598-61-8 | 43   |
| 5    |    |   | 1,3-Cyclopentanedione, 4-methyl- | 112 | C6H8O2  | 035029-03-9 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

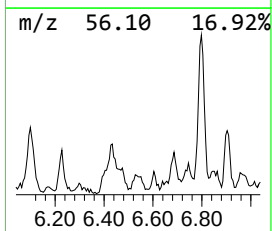
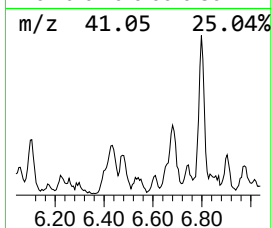
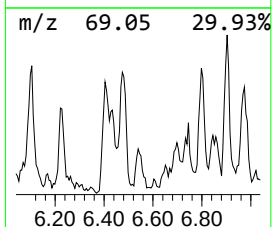
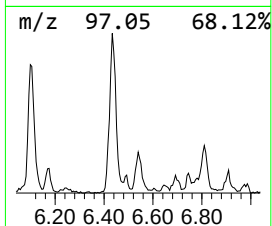
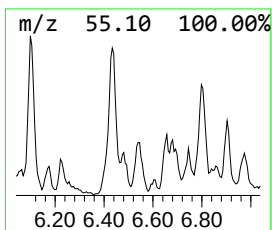
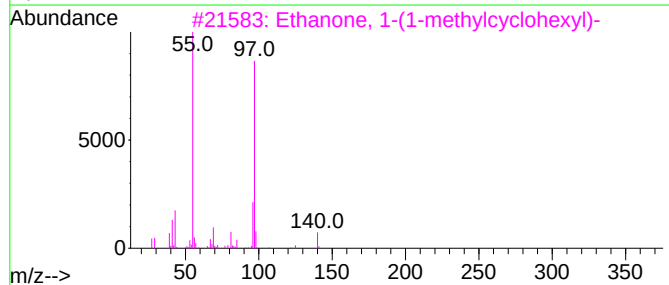
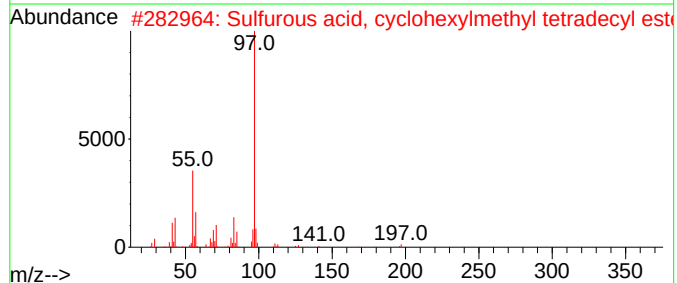
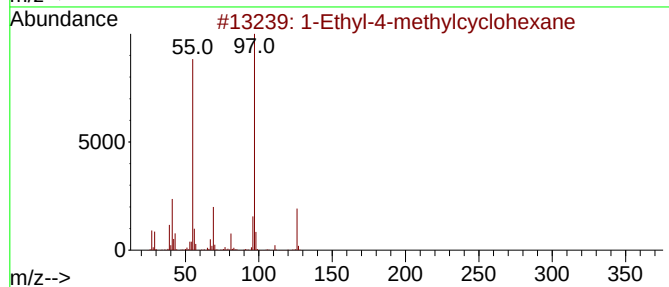
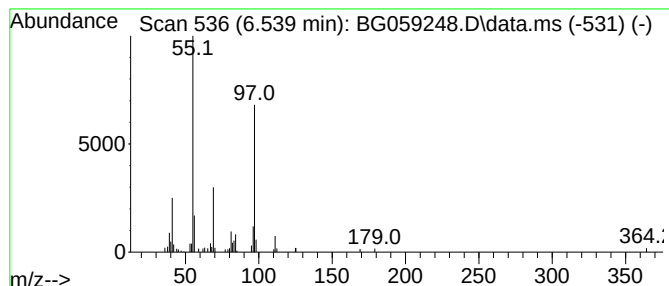
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 (DEL) Alkane: Cyclic6.539 Concentration Rank 37

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.539 | 10.42 ng/ul | 135993 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1-Ethyl-4-methylcyclohexane         | 126 | C9H18     | 003728-56-1  | 72   |
| 2    |    |   | Sulfurous acid, cyclohexylmethyl... | 374 | C21H42O3S | 1000309-22-2 | 72   |
| 3    |    |   | Ethanone, 1-(1-methylcyclohexyl)-   | 140 | C9H16O    | 002890-62-2  | 64   |
| 4    |    |   | Cyclohexane, 1-ethyl-1-methyl-      | 126 | C9H18     | 004926-90-3  | 64   |
| 5    |    |   | 3-Hexene, 3-ethyl-2,5-dimethyl-     | 140 | C10H20    | 062338-08-3  | 64   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

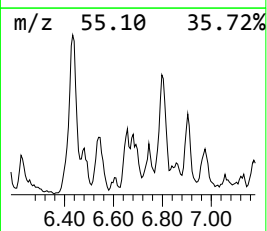
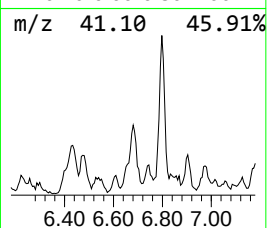
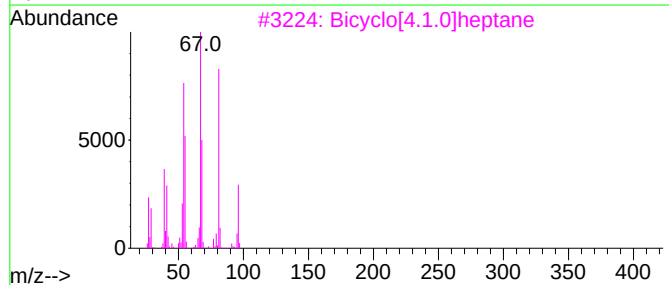
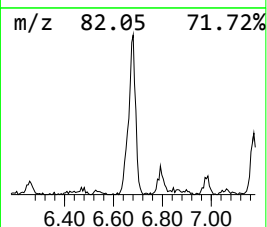
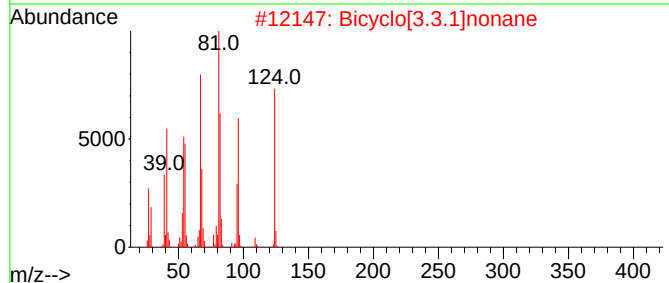
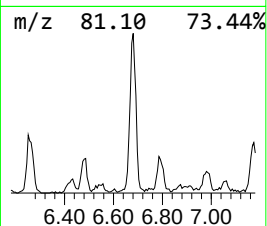
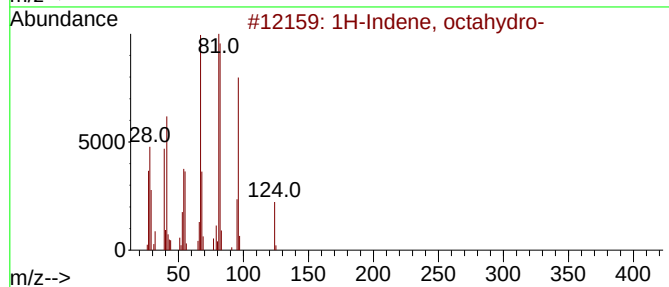
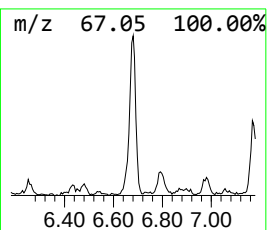
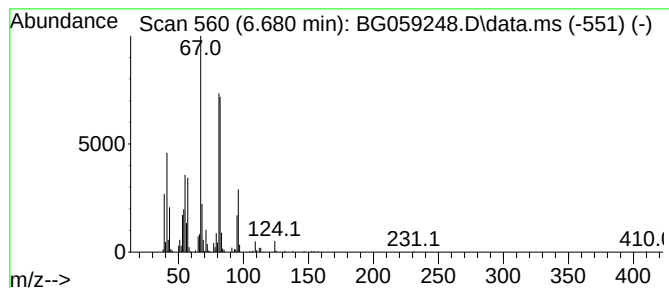
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 1H-Indene, octahydro- Concentration Rank 5

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.680 | 46.30 ng/ul | 604110 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of                          | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1H-Indene, octahydro-       |   |              | 124 | C9H16   | 000496-10-6 | 72   |
| 2    | Bicyclo[3.3.1]nonane        |   |              | 124 | C9H16   | 000280-65-9 | 68   |
| 3    | Bicyclo[4.1.0]heptane       |   |              | 96  | C7H12   | 000286-08-8 | 64   |
| 4    | 1H-Indene, octahydro-, cis- |   |              | 124 | C9H16   | 004551-51-3 | 53   |
| 5    | 1-Undecyne                  |   |              | 152 | C11H20  | 002243-98-3 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

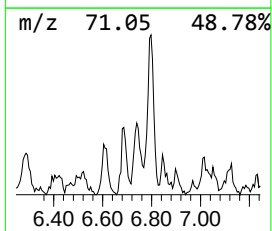
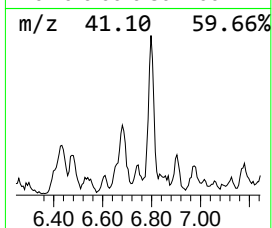
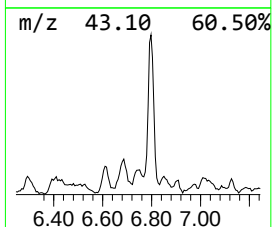
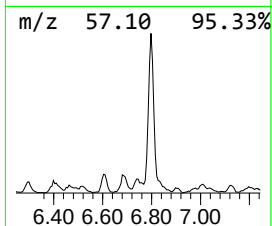
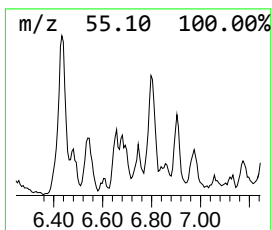
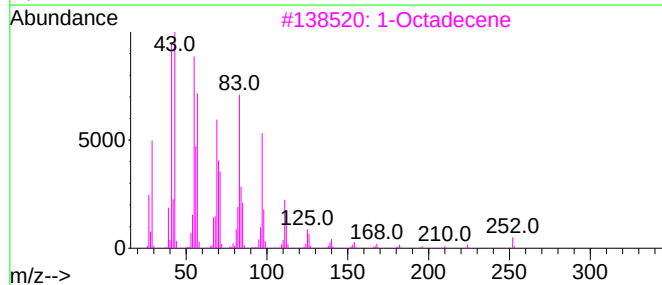
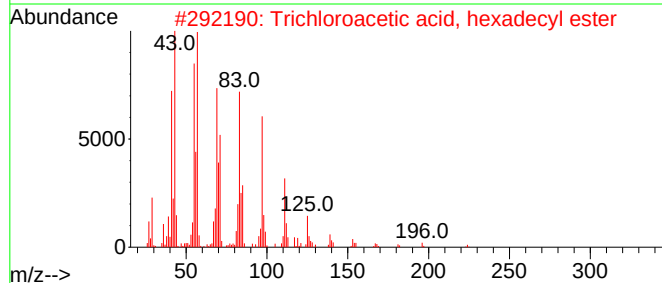
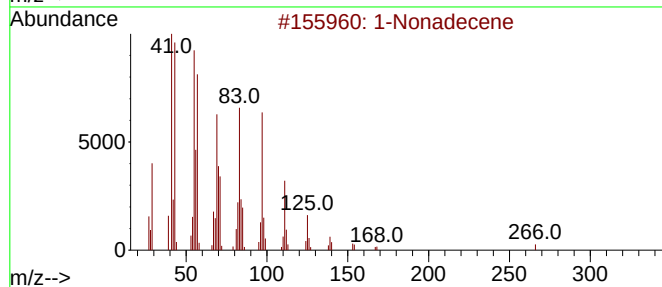
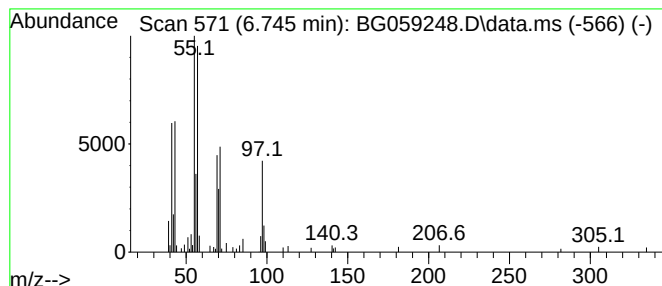
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.745 | 11.23 ng/ul | 146553 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 53   |
| 2    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 53   |
| 3    |    |   | 1-Octadecene                        | 252 | C18H36      | 000112-88-9  | 50   |
| 4    |    |   | 1-Tetradecene                       | 196 | C14H28      | 001120-36-1  | 38   |
| 5    |    |   | Carbonic acid, butyl heptyl ester   | 216 | C12H24O3    | 1000314-63-4 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

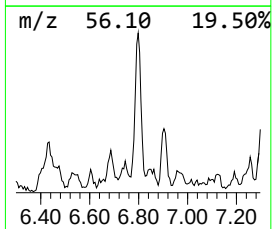
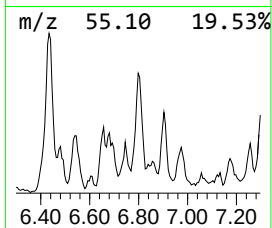
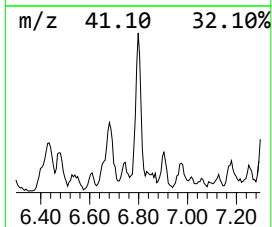
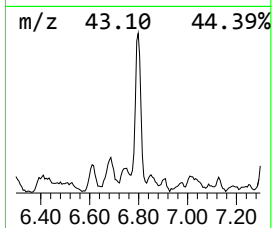
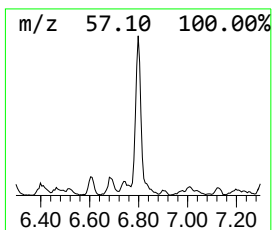
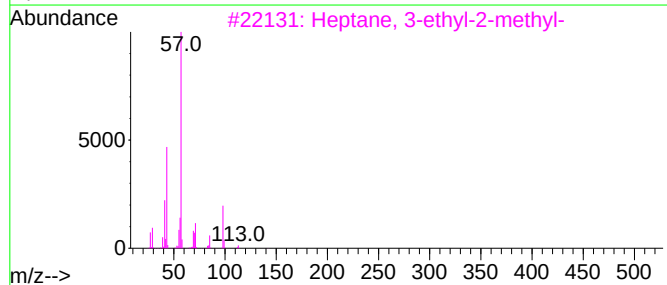
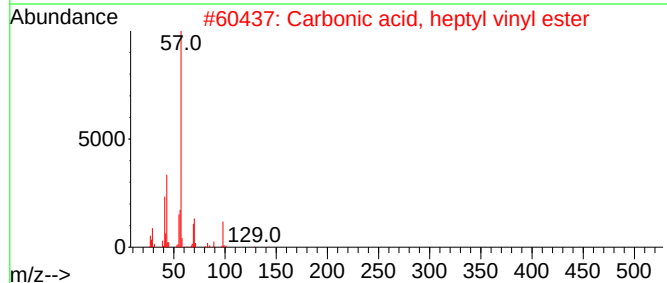
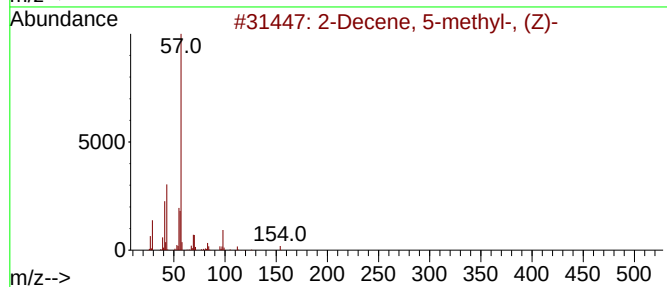
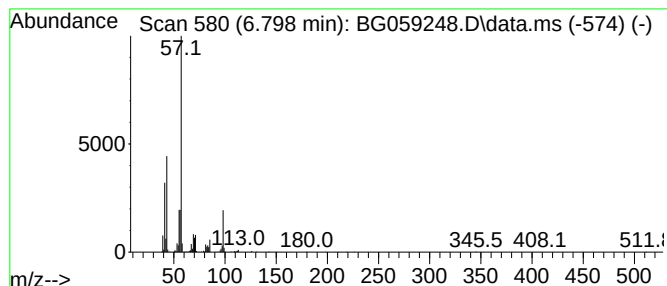
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.798 | 64.64 ng/ul | 843403 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of                                 | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | 2-Decene, 5-methyl-, (Z)-          |   |              | 154 | C11H22   | 074645-86-6  | 59   |
| 2    | Carbonic acid, heptyl vinyl ester  |   |              | 186 | C10H18O3 | 1010383-25-4 | 53   |
| 3    | Heptane, 3-ethyl-2-methyl-         |   |              | 142 | C10H22   | 014676-29-0  | 50   |
| 4    | Octane, 3-methyl-                  |   |              | 128 | C9H20    | 002216-33-3  | 47   |
| 5    | Oxalic acid, isobutyl heptyl ester |   |              | 244 | C13H24O4 | 1000309-37-2 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

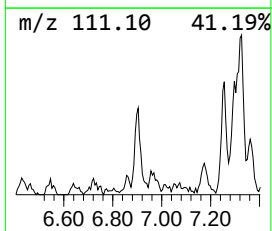
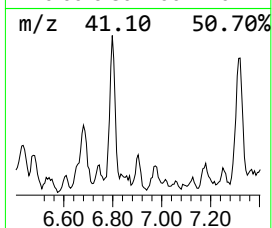
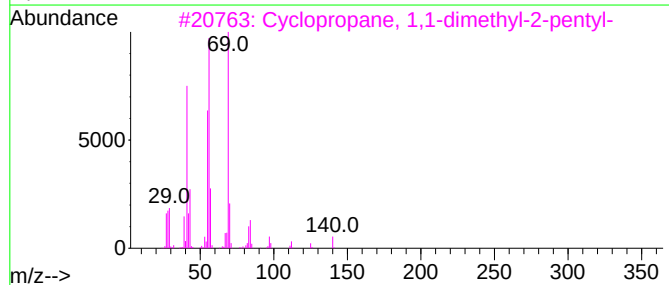
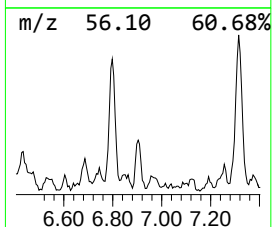
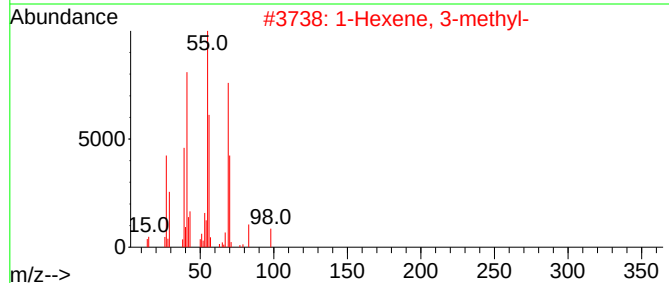
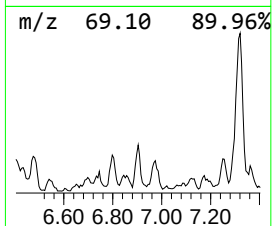
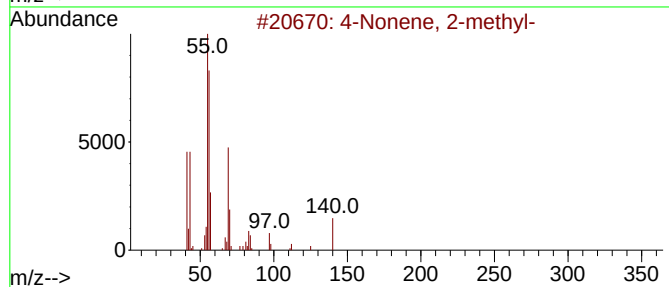
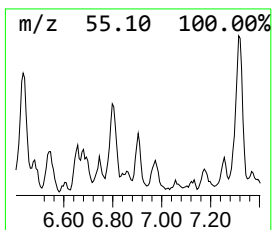
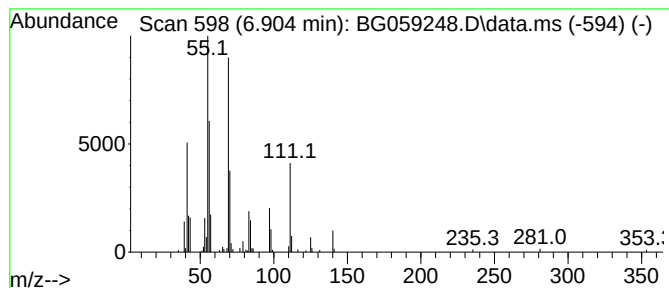
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.904 | 13.02 ng/ul | 169881 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 4-Nonene, 2-methyl-                 |   |              | 140 | C10H20  | 055724-84-0 | 81   |
| 2    | 1-Hexene, 3-methyl-                 |   |              | 98  | C7H14   | 003404-61-3 | 58   |
| 3    | Cyclopropane, 1,1-dimethyl-2-pen... |   |              | 140 | C10H20  | 062167-97-9 | 52   |
| 4    | 3-Nonene, 2-methyl-                 |   |              | 140 | C10H20  | 053966-53-3 | 52   |
| 5    | 1-Hexene, 3-methyl-                 |   |              | 98  | C7H14   | 003404-61-3 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

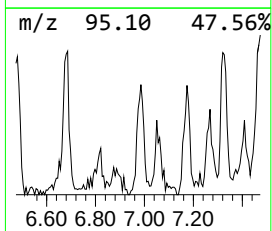
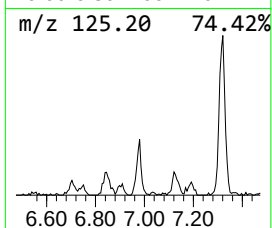
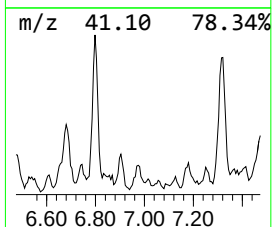
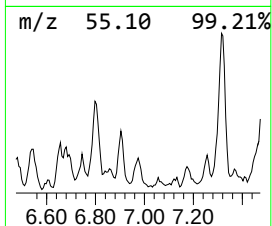
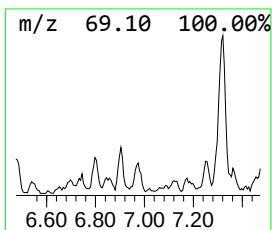
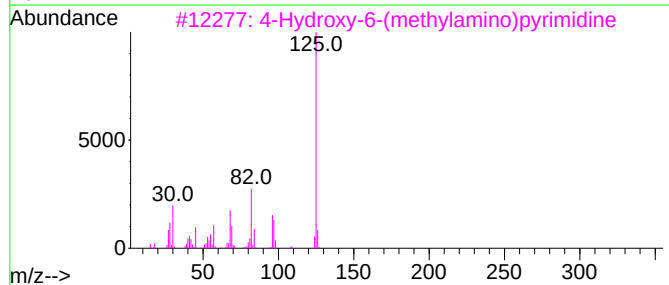
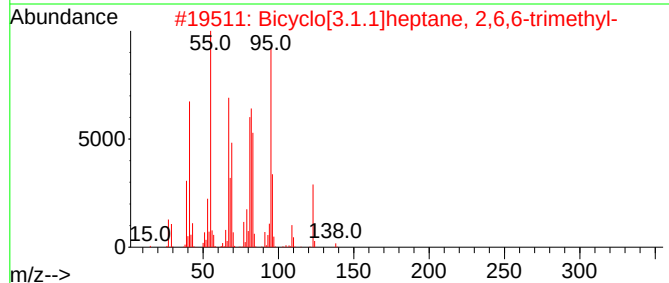
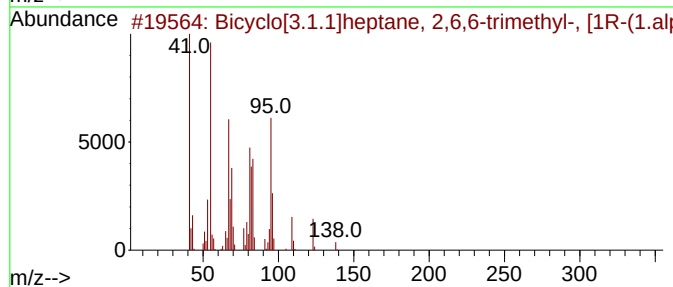
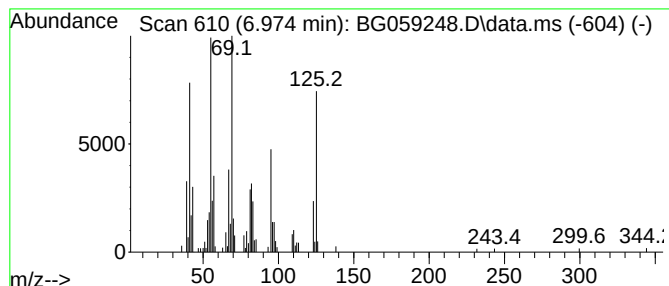
\*\*\*\*\*

Peak Number 17 unknown-03

Concentration Rank 26

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.974 | 13.68 ng/ul | 178435 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18   | 004863-59-6 | 42   |
| 2    |    |   | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18   | 000473-55-2 | 27   |
| 3    |    |   | 4-Hydroxy-6-(methylamino)pyrimidine | 125 | C5H7N3O  | 001122-67-4 | 25   |
| 4    |    |   | 2(1H)-Pyridinone, 4-hydroxy-6-me... | 125 | C6H7N2O2 | 003749-51-7 | 25   |
| 5    |    |   | 4-amino-1-methyl-1,2-dihydropyri... | 125 | C5H7N3O  | 001122-47-0 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

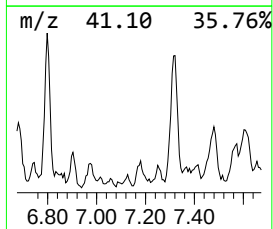
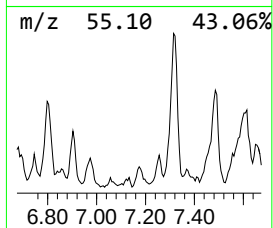
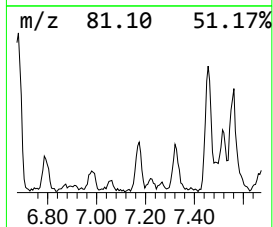
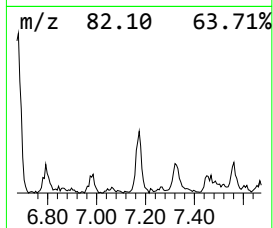
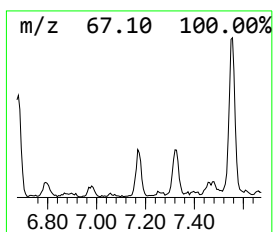
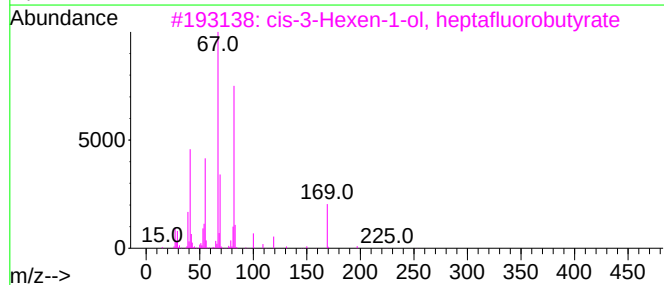
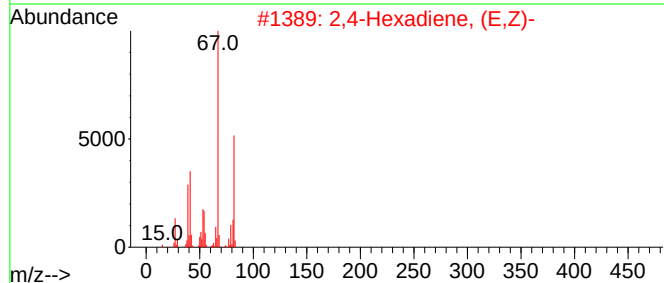
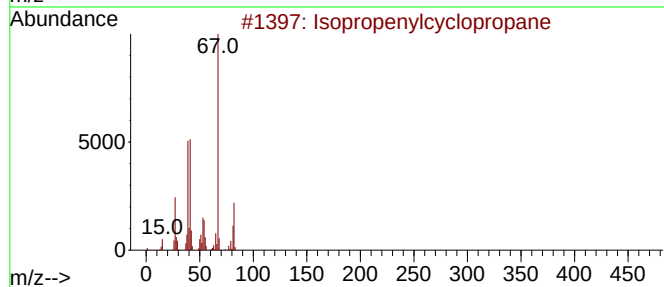
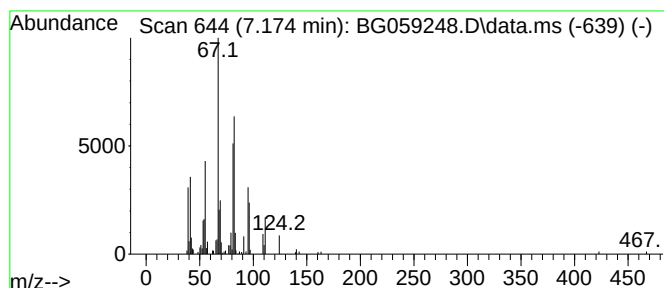
\*\*\*\*\*

Peak Number 18 unknown-04

Concentration Rank 22

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.174 | 14.68 ng/ul | 191539 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Isopropenylcyclopropane             | 82  | C6H10      | 004663-22-3  | 49   |
| 2    |    |   | 2,4-Hexadiene, (E,Z)-               | 82  | C6H10      | 005194-50-3  | 49   |
| 3    |    |   | cis-3-Hexen-1-ol, heptafluorobut... | 296 | C10H11F7O2 | 1000352-28-6 | 47   |
| 4    |    |   | 2,4-Hexadiene, (E,E)-               | 82  | C6H10      | 005194-51-4  | 47   |
| 5    |    |   | 1,4-Pentadiene, 3-propyl-           | 110 | C8H14      | 000996-83-8  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

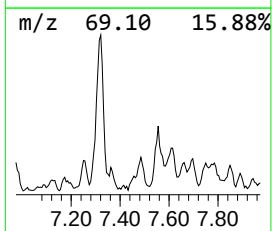
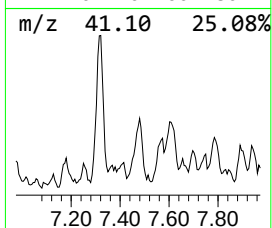
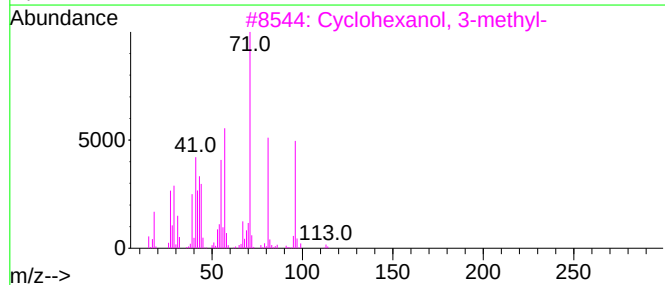
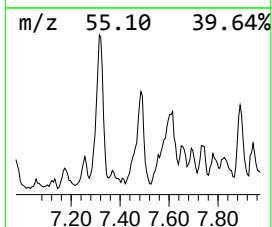
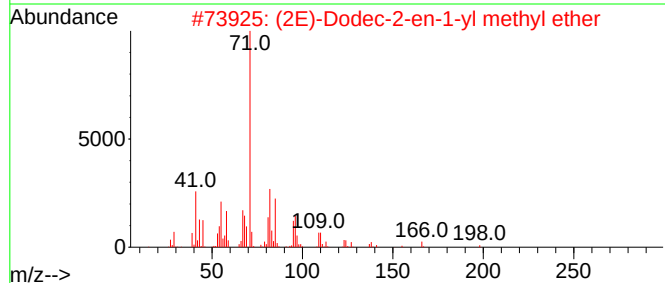
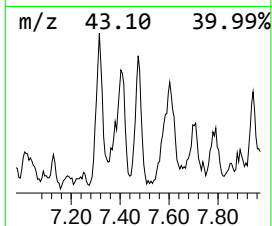
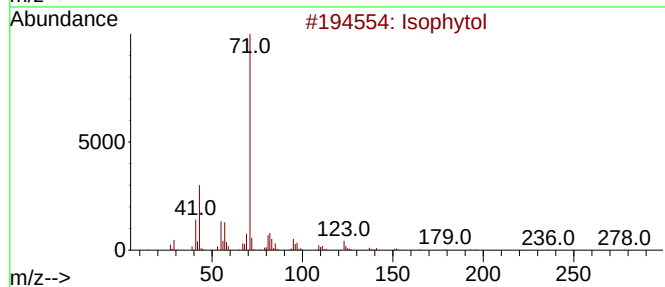
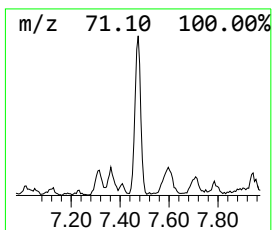
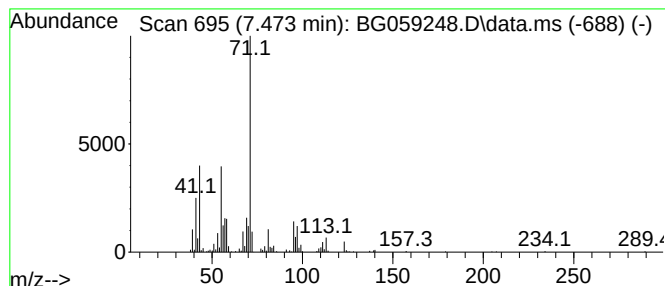
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 Isophytol Concentration Rank 7

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.473 | 41.87 ng/ul | 546300 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Isophytol                          | 296 | C20H40O  | 000505-32-8  | 64   |
| 2    |    |   | (2E)-Dodec-2-en-1-yl methyl ether  | 198 | C13H26O  | 1000334-06-3 | 59   |
| 3    |    |   | Cyclohexanol, 3-methyl-            | 114 | C7H14O   | 000591-23-1  | 53   |
| 4    |    |   | 5-Ethyl-3-nonen-6-one              | 168 | C11H20O  | 1000374-06-6 | 53   |
| 5    |    |   | Butanoic acid, 1-methyloctyl ester | 214 | C13H26O2 | 069727-42-0  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

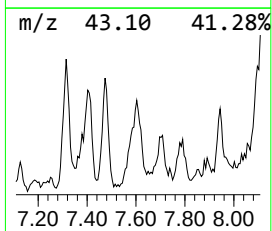
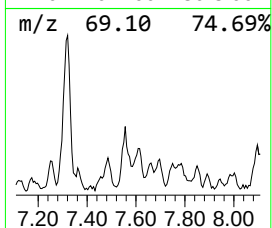
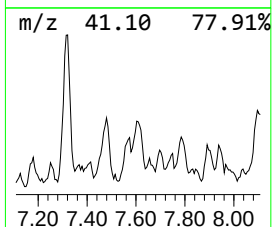
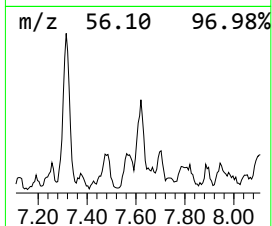
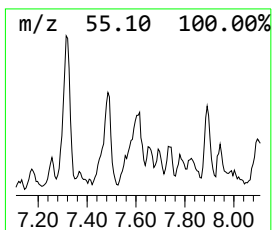
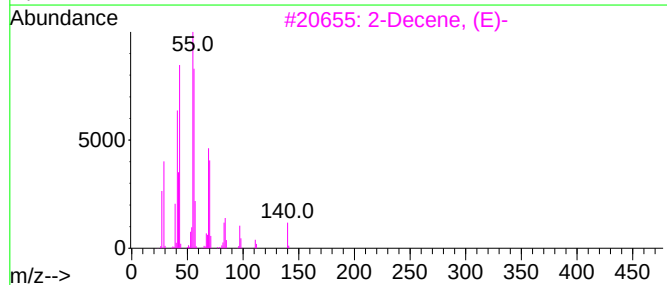
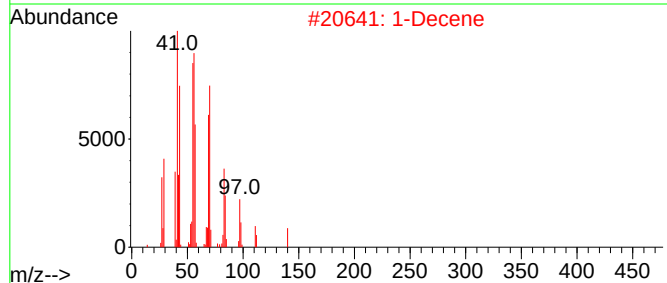
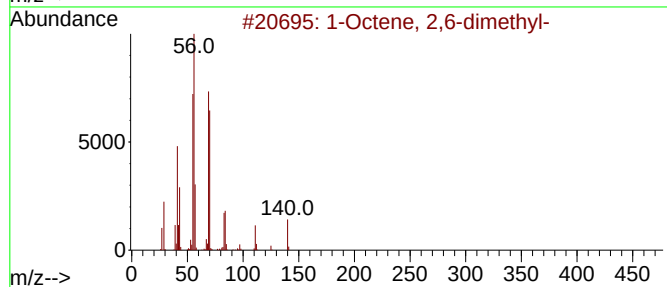
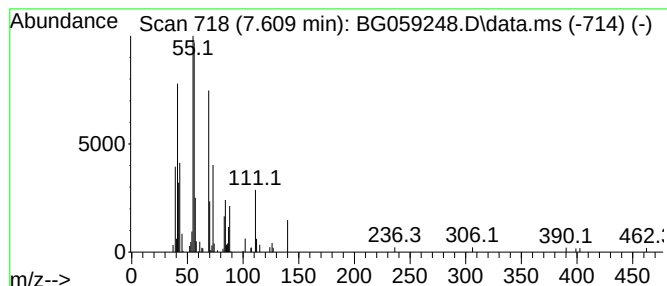
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.609 | 28.30 ng/ul | 369222 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | 1-Octene, 2,6-dimethyl- | 140 | C10H20  | 006874-29-9 | 64   |
| 2    |      | 1-Decene                | 140 | C10H20  | 000872-05-9 | 64   |
| 3    |      | 2-Decene, (E)-          | 140 | C10H20  | 020063-97-2 | 59   |
| 4    |      | 4-Nonene, 2-methyl-     | 140 | C10H20  | 055724-84-0 | 53   |
| 5    |      | 1-Octene, 2,7-dimethyl- | 140 | C10H20  | 033718-03-5 | 50   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

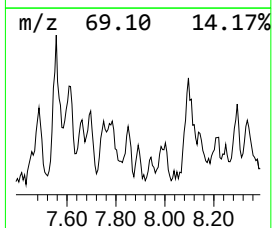
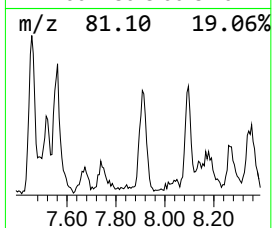
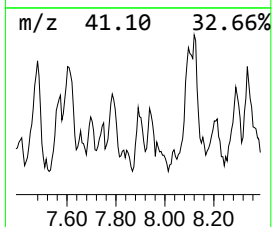
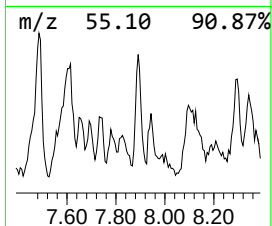
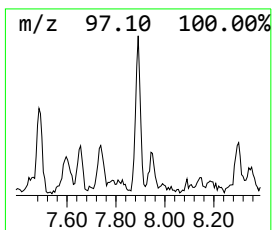
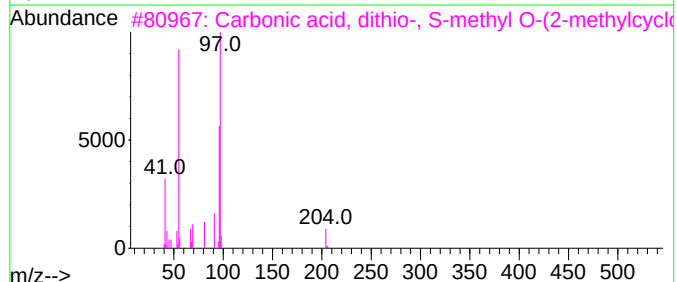
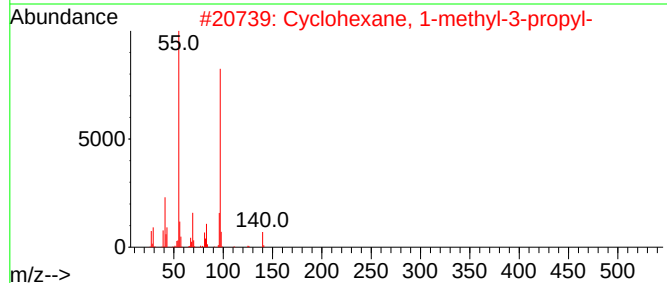
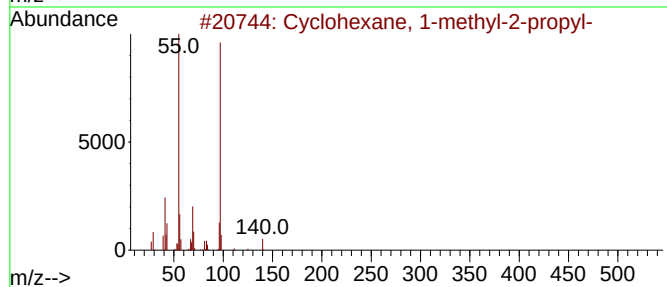
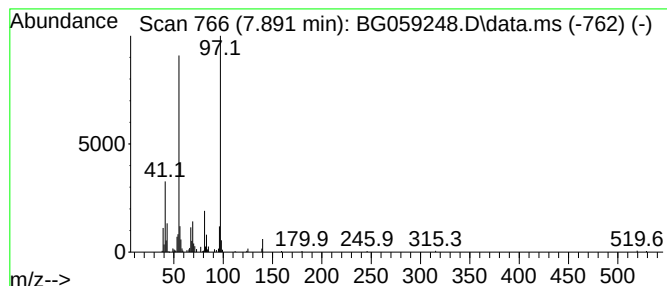
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 21 (DEL) Alkane: Cyclic7.891 Concentration Rank 19

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 7.891     | 18.29 ng/ul                         | 238650 | 1,4-Dichlorobenzene-d4 | 8.231       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Cyclohexane, 1-methyl-2-propyl-     | 140    | C10H20                 | 004291-79-6 | 90   |
| 2         | Cyclohexane, 1-methyl-3-propyl-     | 140    | C10H20                 | 004291-80-9 | 64   |
| 3         | Carbonic acid, dithio-, S-methyl... | 204    | C9H16OS2               | 015288-13-8 | 64   |
| 4         | Cycloheptane, bromo-                | 176    | C7H13Br                | 002404-35-5 | 64   |
| 5         | Cycloheptane, bromo-                | 176    | C7H13Br                | 002404-35-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

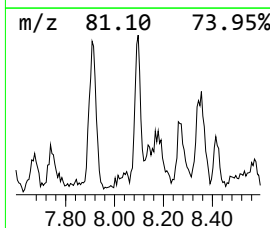
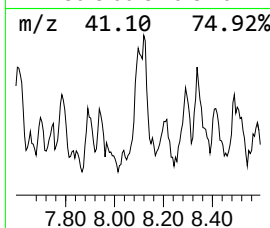
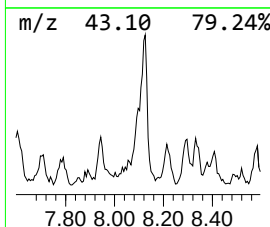
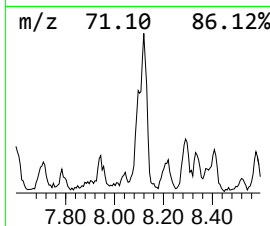
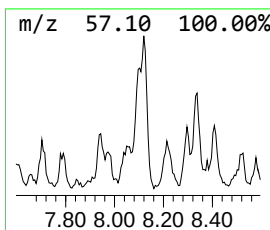
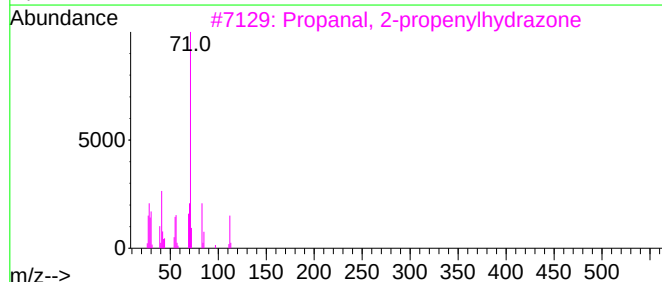
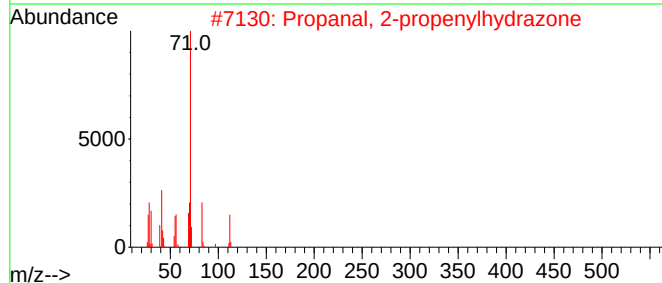
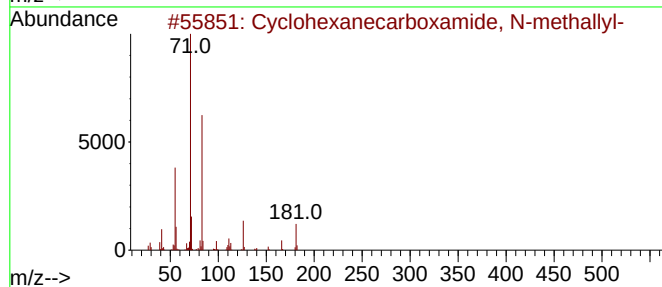
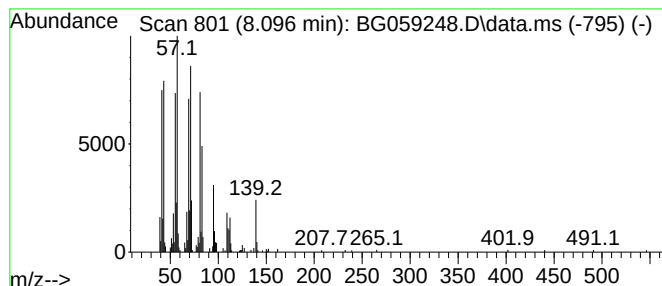
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 22 unknown-05 Concentration Rank 9

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.096 | 31.68 ng/ul | 413323 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Cyclohexanecarboxamide, N-methal... | 181 | C11H19NO  | 1000345-69-5 | 35   |
| 2    |    |   | Propanal, 2-propenylhydrazone       | 112 | C6H12N2   | 019031-78-8  | 30   |
| 3    |    |   | Propanal, 2-propenylhydrazone       | 112 | C6H12N2   | 019031-78-8  | 30   |
| 4    |    |   | Octane, 1,1'-oxybis-                | 242 | C16H34O   | 000629-82-3  | 27   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl oct... | 446 | C26H54O3S | 1000309-20-1 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

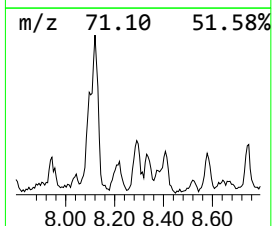
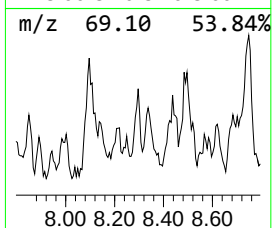
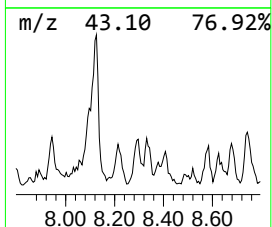
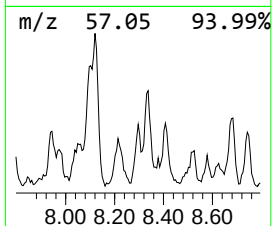
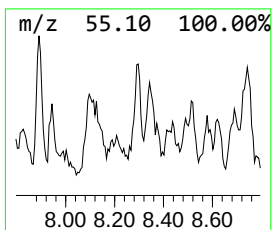
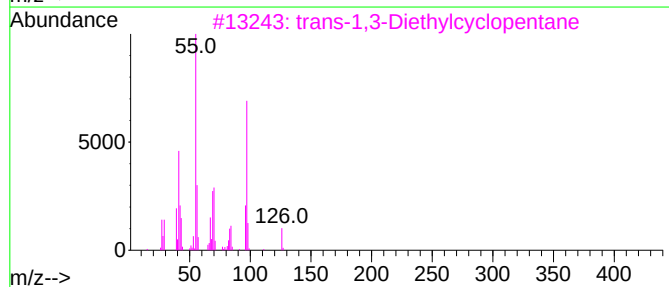
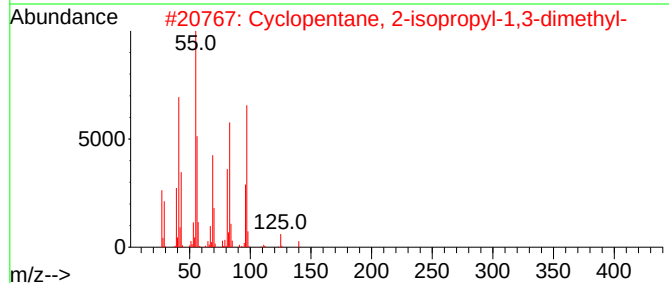
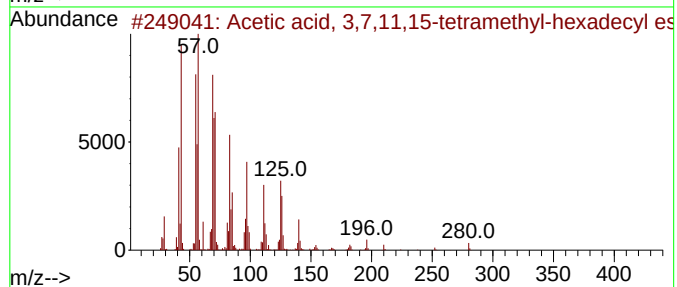
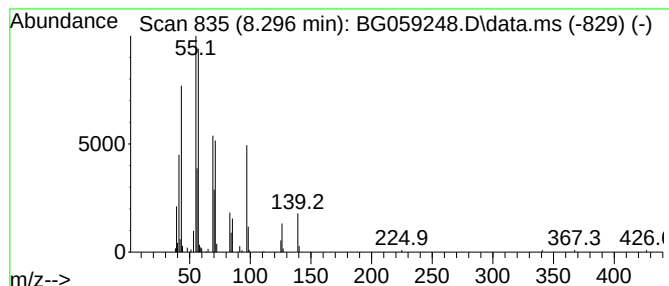
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 23 unknown-06 Concentration Rank 28

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.296 | 13.23 ng/ul | 172617 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Acetic acid, 3,7,11,15-tetrameth... | 340 | C22H44O2 | 1000193-63-0 | 47   |
| 2    |    |   | Cyclopentane, 2-isopropyl-1,3-di... | 140 | C10H20   | 032281-85-9  | 46   |
| 3    |    |   | trans-1,3-Diethylcyclopentane       | 126 | C9H18    | 1000113-87-1 | 43   |
| 4    |    |   | 1-Pentanol, 4-methyl-2-propyl-      | 144 | C9H20O   | 054004-41-0  | 43   |
| 5    |    |   | 2-Nonene                            | 126 | C9H18    | 002216-38-8  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

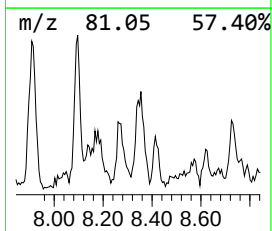
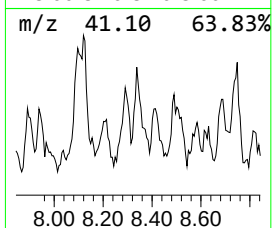
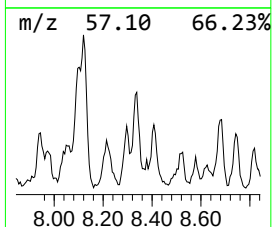
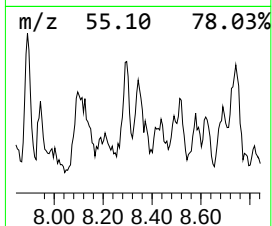
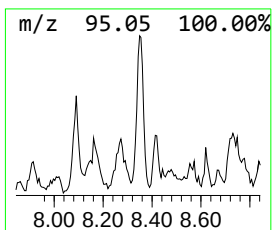
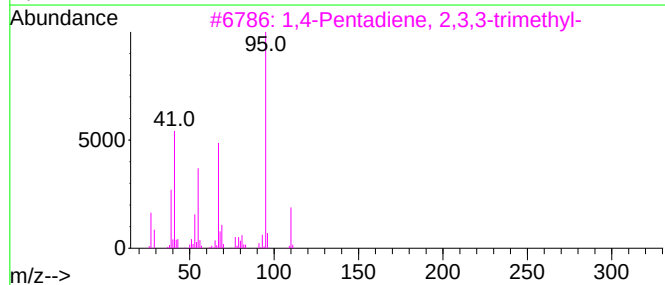
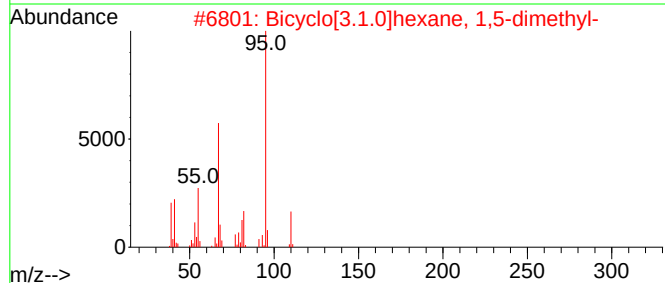
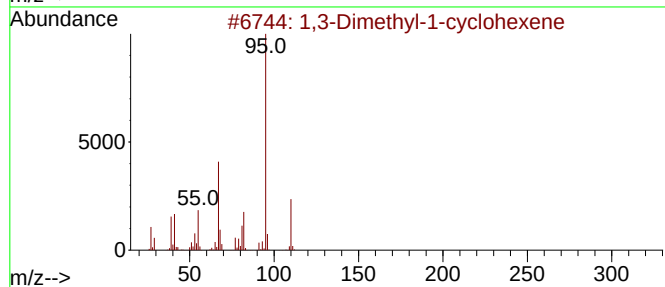
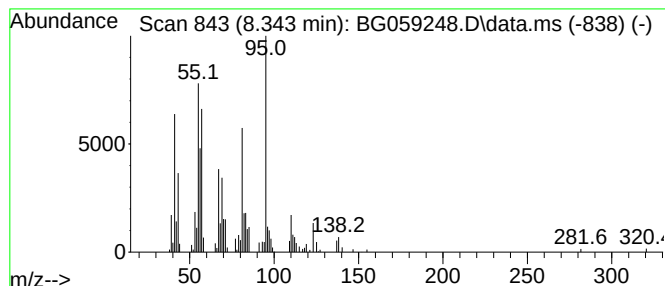
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 24 1,3-Dimethyl-1-cyclohexene Concentration Rank 15

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 8.343     | 24.80 ng/ul                         | 323572 | 1,4-Dichlorobenzene-d4 | 8.231        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | 1,3-Dimethyl-1-cyclohexene          | 110    | C8H14                  | 002808-76-6  | 55   |
| 2         | Bicyclo[3.1.0]hexane, 1,5-dimethyl- | 110    | C8H14                  | 1010142-17-5 | 49   |
| 3         | 1,4-Pentadiene, 2,3,3-trimethyl-    | 110    | C8H14                  | 000756-02-5  | 46   |
| 4         | 1,3-Dimethyl-1-cyclohexene          | 110    | C8H14                  | 002808-76-6  | 43   |
| 5         | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138    | C10H18                 | 000554-59-6  | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

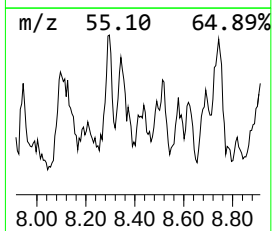
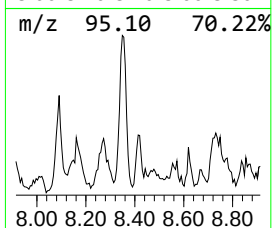
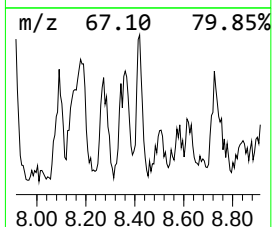
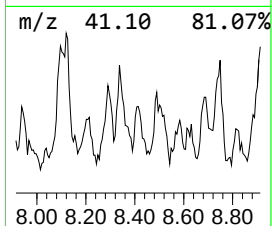
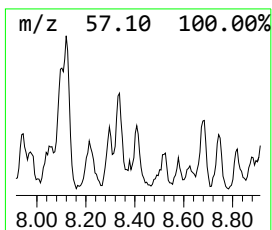
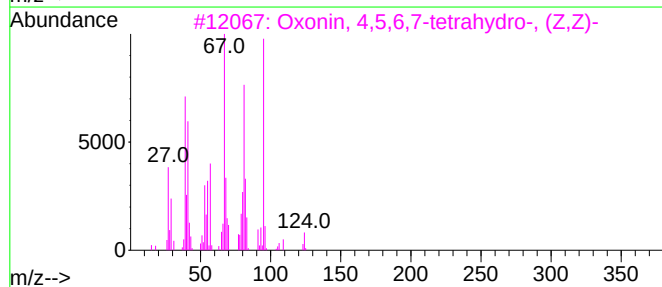
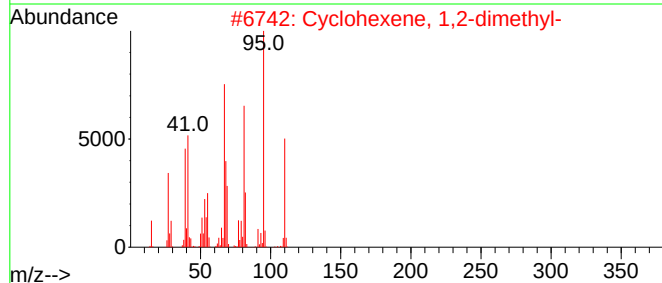
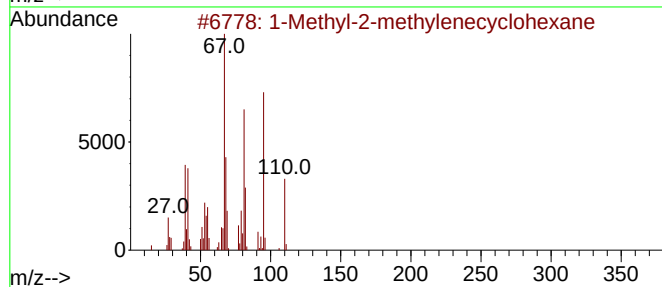
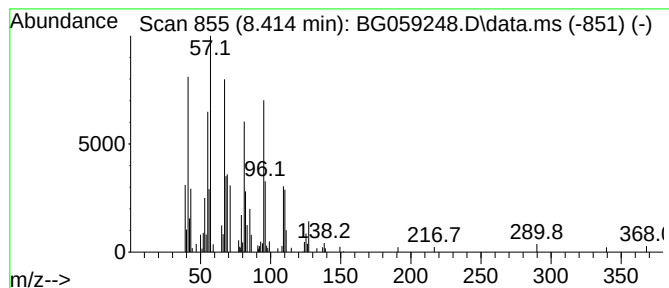
\*\*\*\*\*

Peak Number 25 1-Methyl-2-methylenecyclohe... Concentration Rank 32

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.414 | 11.89 ng/ul | 155185 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 1-Methyl-2-methylenecyclohexane     | 110 | C8H14   | 002808-75-5 | 83   |
| 2    |      | Cyclohexene, 1,2-dimethyl-          | 110 | C8H14   | 001674-10-8 | 70   |
| 3    |      | Oxonin, 4,5,6,7-tetrahydro-, (Z,Z)- | 124 | C8H12O  | 017123-56-7 | 53   |
| 4    |      | 3-Octyne                            | 110 | C8H14   | 015232-76-5 | 52   |
| 5    |      | 1-Methylcycloheptene                | 110 | C8H14   | 055308-20-8 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

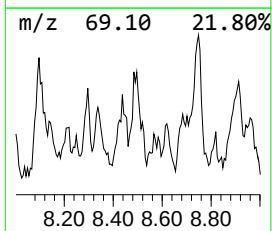
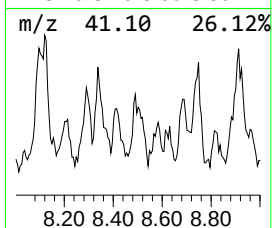
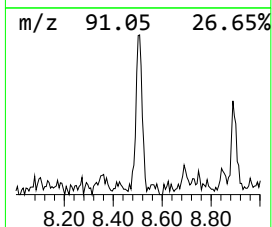
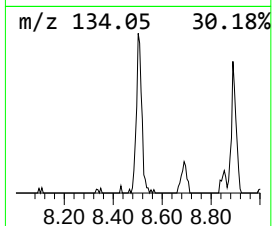
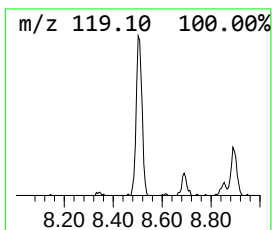
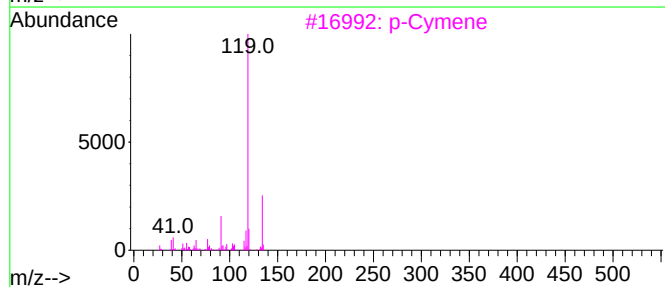
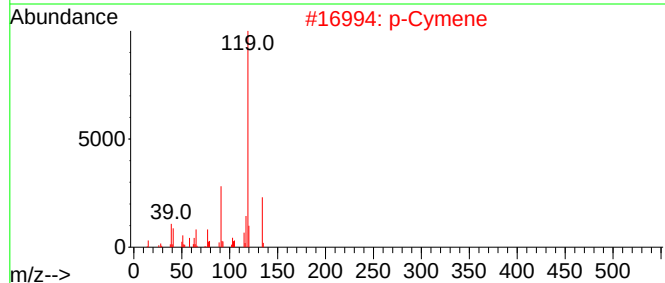
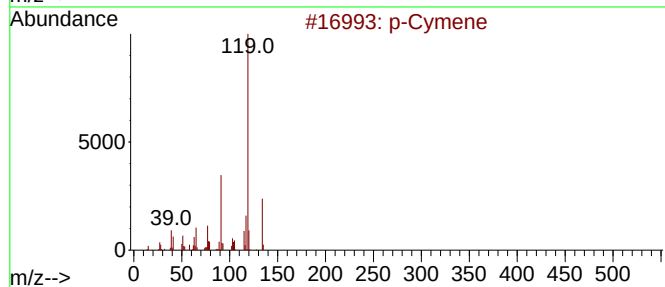
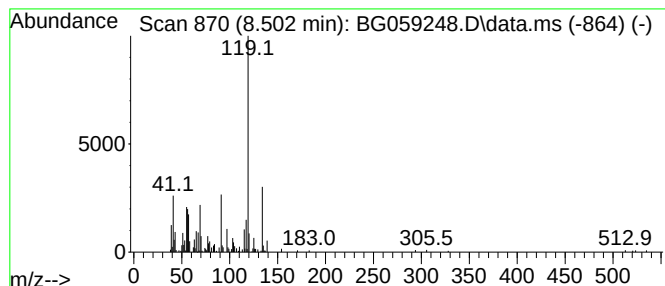
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 26 p-Cymene Concentration Rank 16

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.502 | 24.77 ng/ul | 323190 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of                             | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | p-Cymene                       |   |              | 134 | C10H14  | 000099-87-6 | 86   |
| 2    | p-Cymene                       |   |              | 134 | C10H14  | 000099-87-6 | 86   |
| 3    | p-Cymene                       |   |              | 134 | C10H14  | 000099-87-6 | 76   |
| 4    | o-Cymene                       |   |              | 134 | C10H14  | 000527-84-4 | 70   |
| 5    | Benzene, 2-ethyl-1,3-dimethyl- |   |              | 134 | C10H14  | 002870-04-4 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

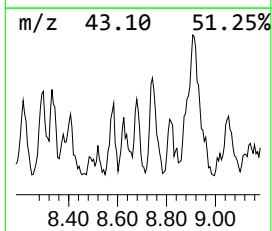
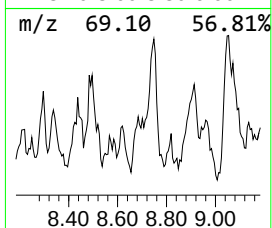
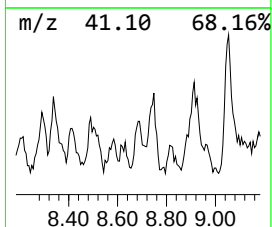
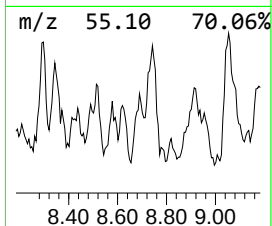
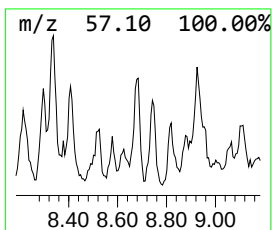
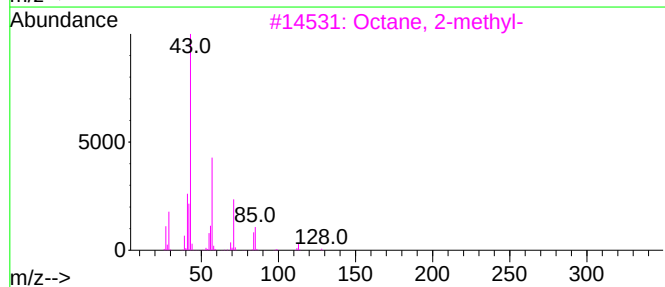
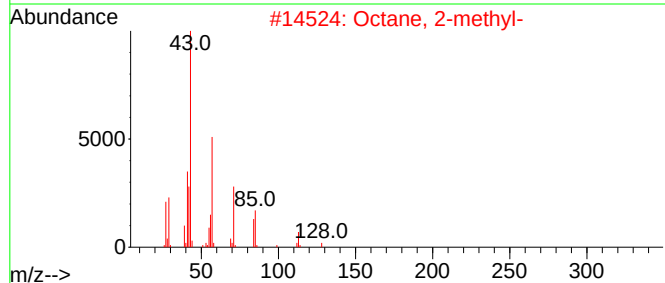
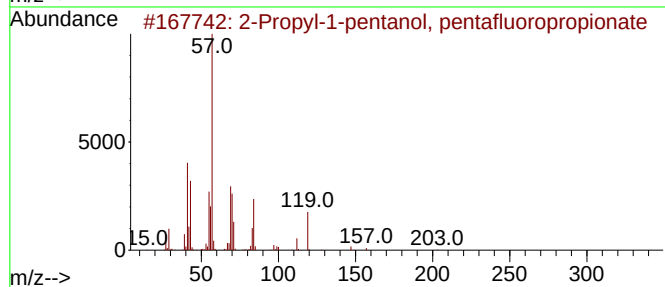
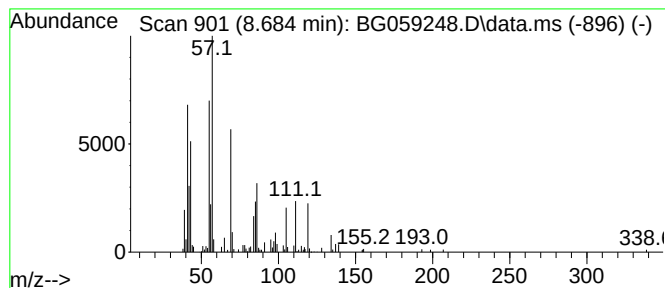
\*\*\*\*\*

Peak Number 28 unknown-07

Concentration Rank 25

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.684 | 13.81 ng/ul | 180162 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Propyl-1-pentanol, pentafluoro... | 276 | C11H17F5O2   | 1000365-51-2 | 35      |      |      |
| 2    | Octane, 2-methyl-                   | 128 | C9H20        | 003221-61-2  | 35      |      |      |
| 3    | Octane, 2-methyl-                   | 128 | C9H20        | 003221-61-2  | 27      |      |      |
| 4    | 2-Ethyl-oxetane                     | 86  | C5H10O       | 1010386-40-2 | 25      |      |      |
| 5    | 5-Chloropentanoic acid, 6-ethyl-... | 276 | C15H29ClO2   | 1000293-37-9 | 25      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

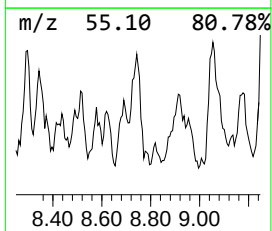
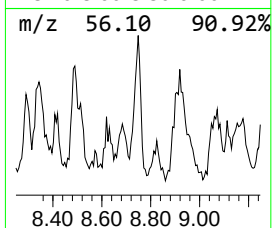
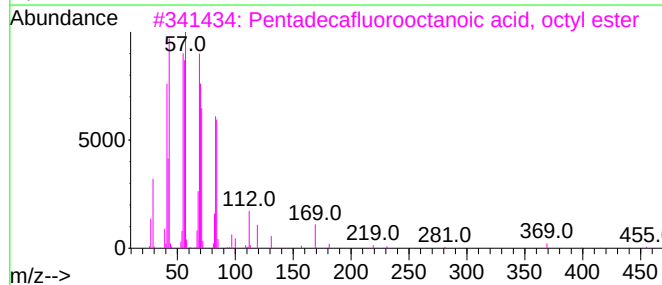
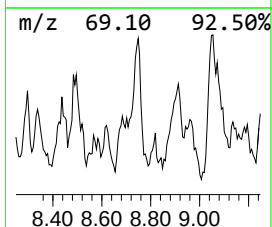
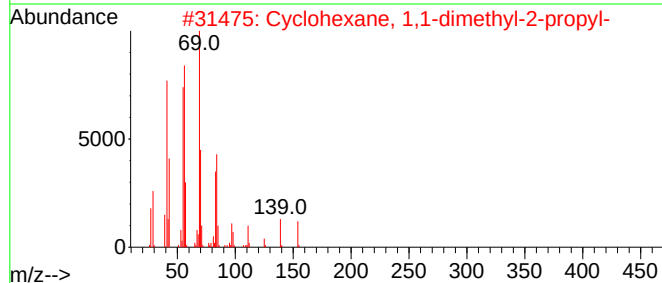
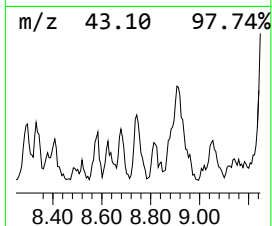
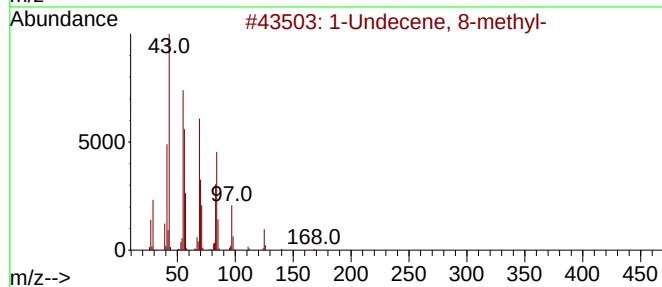
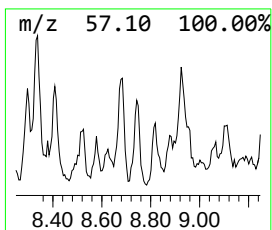
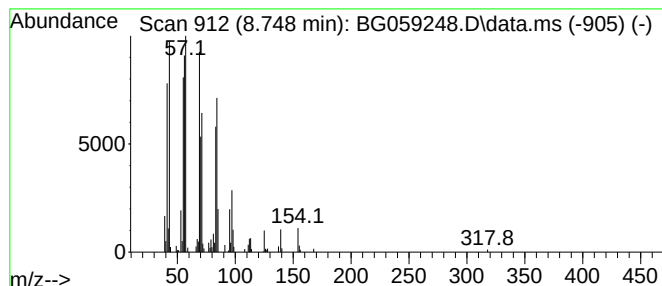
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.      | EstConc                             | Area   | Relative to ISTD       |             | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|-------------|--------------|------|
| 8.748     | 26.16 ng/ul                         | 341317 | 1,4-Dichlorobenzene-d4 |             | 8.231        |      |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm     | CAS#         | Qual |
| 1         | 1-Undecene, 8-methyl-               |        | 168                    | C12H24      | 074630-40-3  | 72   |
| 2         | Cyclohexane, 1,1-dimethyl-2-propyl- |        | 154                    | C11H22      | 081983-71-3  | 64   |
| 3         | Pentadecafluorooctanoic acid, oc... |        | 526                    | C16H17F15O2 | 1000406-03-8 | 64   |
| 4         | Cyclooctane, 1,4-dimethyl-, cis-    |        | 140                    | C10H20      | 013151-99-0  | 52   |
| 5         | 11-Methyldodecanol                  |        | 200                    | C13H28O     | 085763-57-1  | 50   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

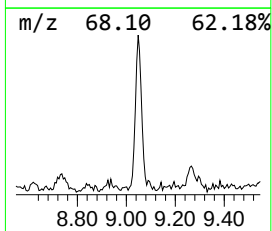
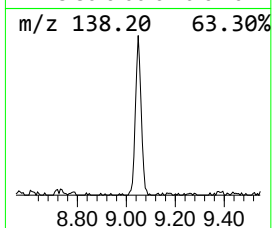
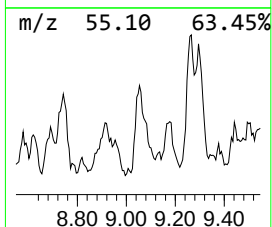
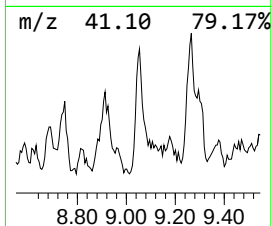
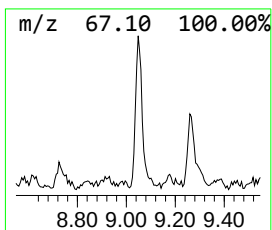
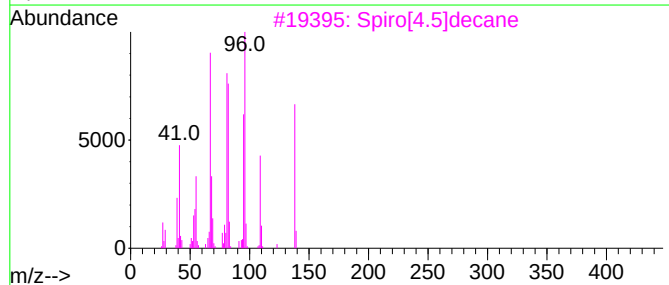
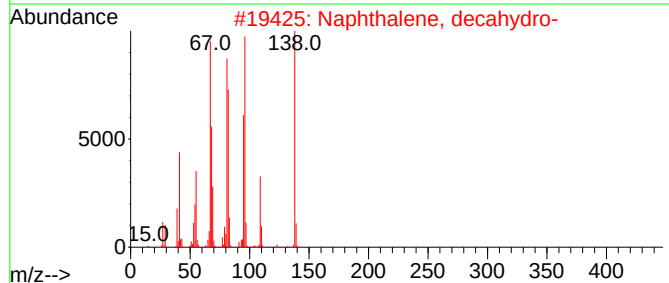
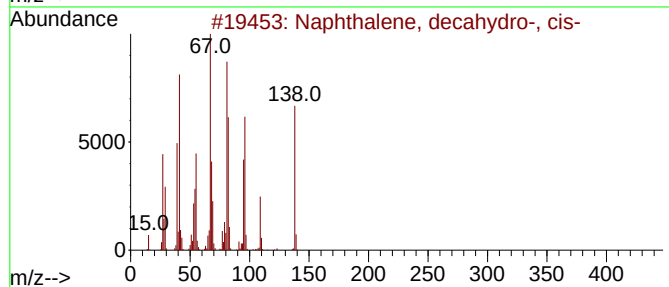
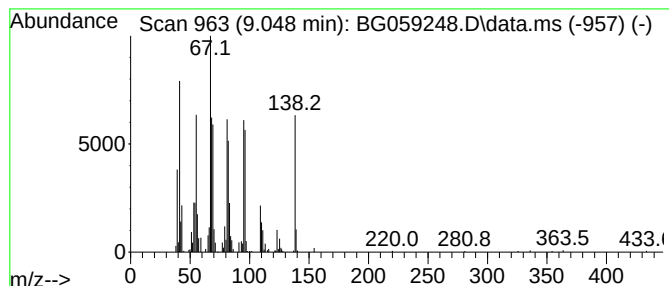
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 30 Naphthalene, decahydro-, cis- Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 9.048 | 67.55 ng/ul | 881361 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, decahydro-, cis- | 138 | C10H18  | 000493-01-6 | 94   |
| 2    |    |   | Naphthalene, decahydro-       | 138 | C10H18  | 000091-17-8 | 87   |
| 3    |    |   | Spiro[4.5]decane              | 138 | C10H18  | 000176-63-6 | 81   |
| 4    |    |   | 1,1'-Bicyclopentyl            | 138 | C10H18  | 001636-39-1 | 81   |
| 5    |    |   | Naphthalene, decahydro-, cis- | 138 | C10H18  | 000493-01-6 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

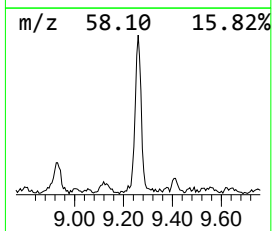
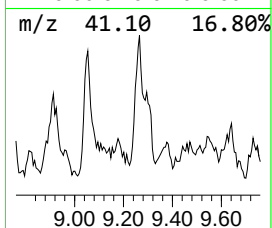
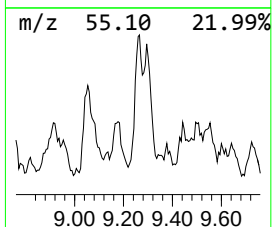
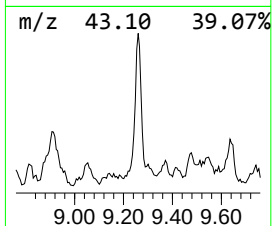
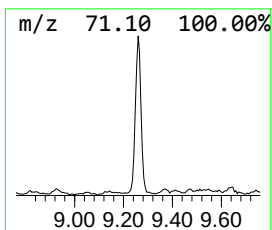
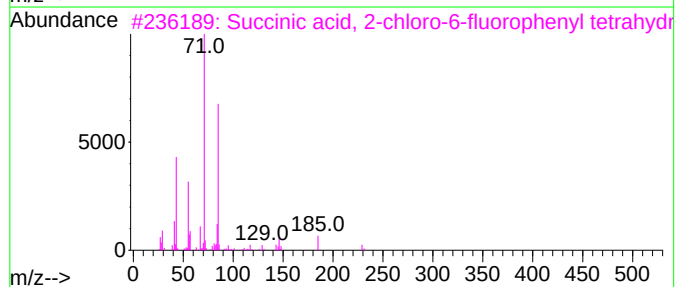
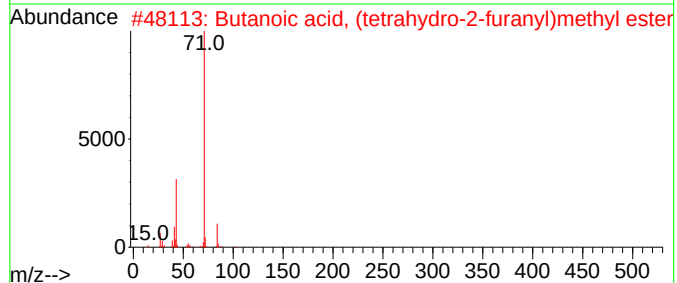
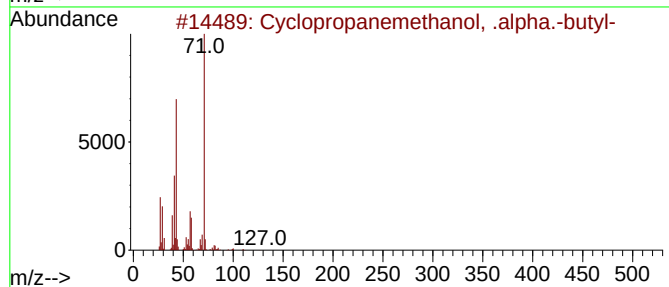
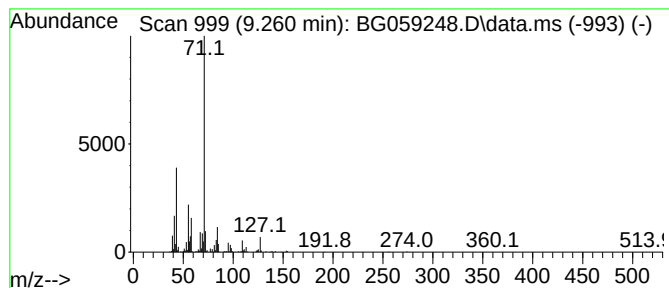
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 31 Cyclopropanemethanol, .alph... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 9.260 | 76.94 ng/ul | 1003930 | 1,4-Dichlorobenzene-d4 | 8.231 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclopropanemethanol, .alpha.-bu... | 128 | C8H16O      | 004379-16-2  | 59   |
| 2    |    |   | Butanoic acid, (tetrahydro-2-fur... | 172 | C9H16O3     | 002217-33-6  | 53   |
| 3    |    |   | Succinic acid, 2-chloro-6-fluoro... | 330 | C15H16ClFO5 | 1000390-72-1 | 53   |
| 4    |    |   | Furan, 2-butyltetrahydro-           | 128 | C8H16O      | 001004-29-1  | 47   |
| 5    |    |   | 2-Hexene, 1-methoxy-, (E)-          | 114 | C7H14O      | 056052-83-6  | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

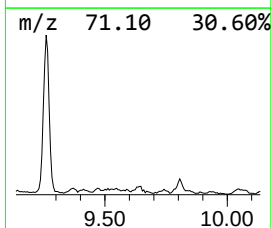
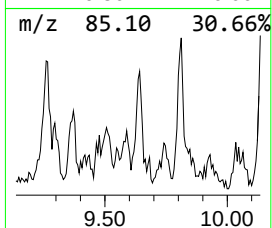
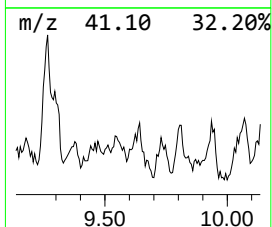
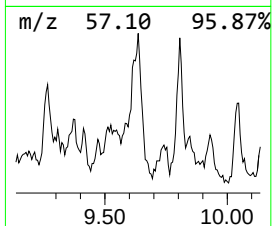
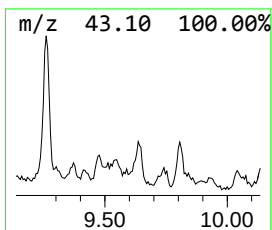
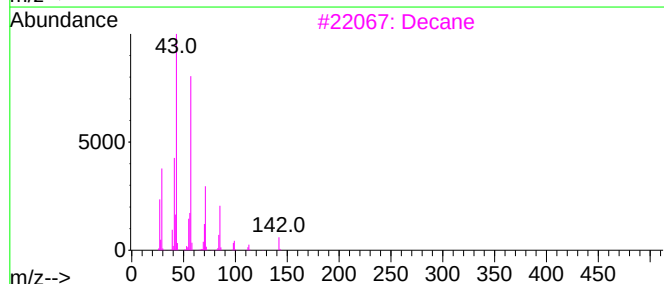
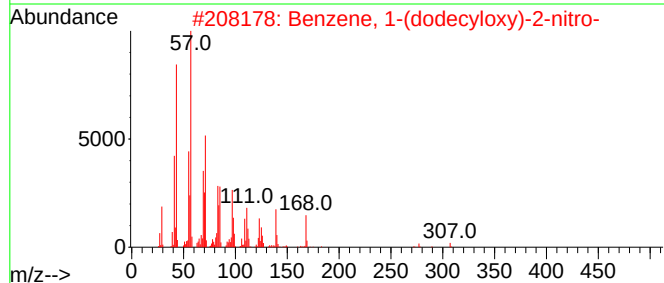
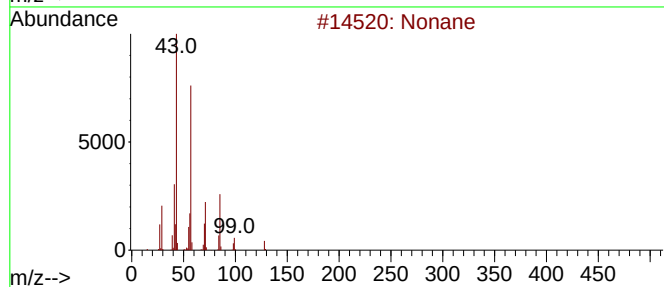
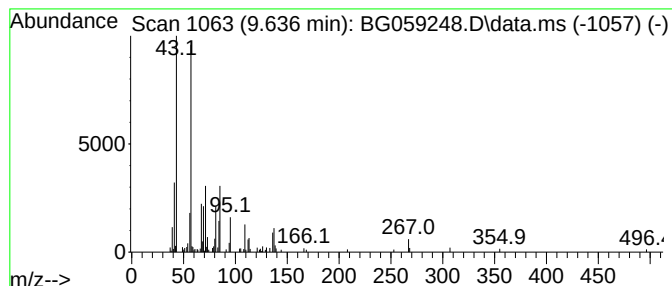
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD       |           |              | R.T.  |
|-----------|-------------------------------------|--------|------------------------|-----------|--------------|-------|
| 9.636     | 27.40 ng/ul                         | 357526 | 1,4-Dichlorobenzene-d4 |           |              | 8.231 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm   | CAS#         | Qual  |
| 1         | Nonane                              |        | 128                    | C9H20     | 000111-84-2  | 38    |
| 2         | Benzene, 1-(dodecyloxy)-2-nitro-    |        | 307                    | C18H29NO3 | 083027-71-8  | 38    |
| 3         | Decane                              |        | 142                    | C10H22    | 000124-18-5  | 38    |
| 4         | Oxalic acid, 6-ethyloct-3-yl iso... |        | 286                    | C16H30O4  | 1010309-34-1 | 35    |
| 5         | Undecane, 5,7-dimethyl-             |        | 184                    | C13H28    | 017312-83-3  | 35    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

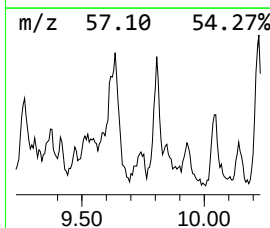
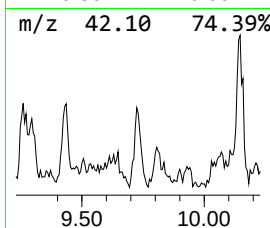
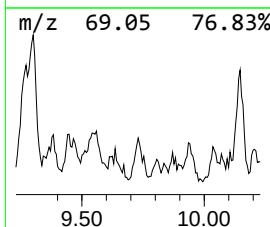
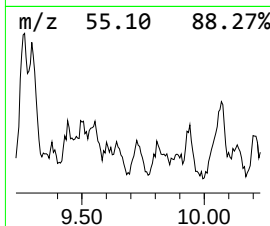
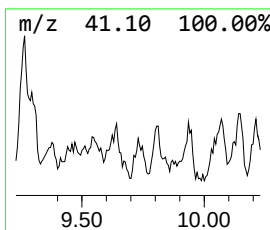
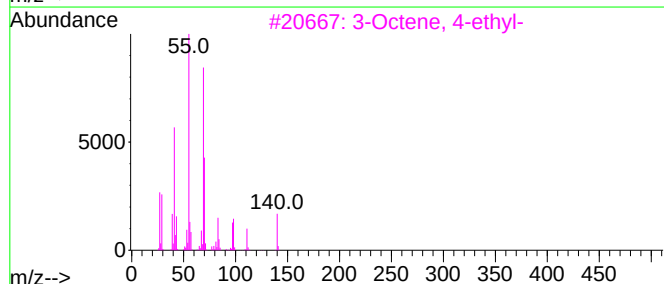
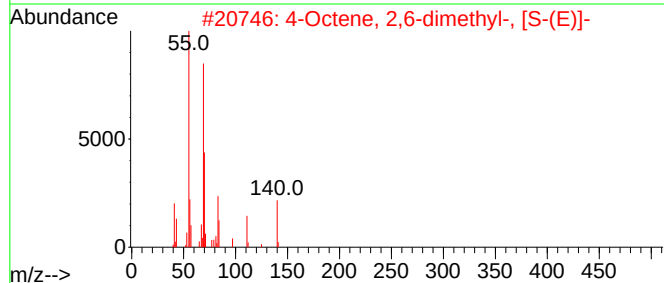
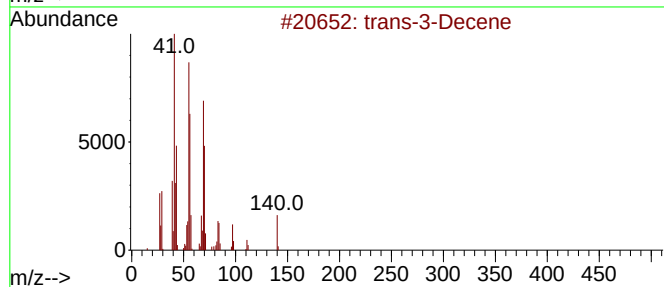
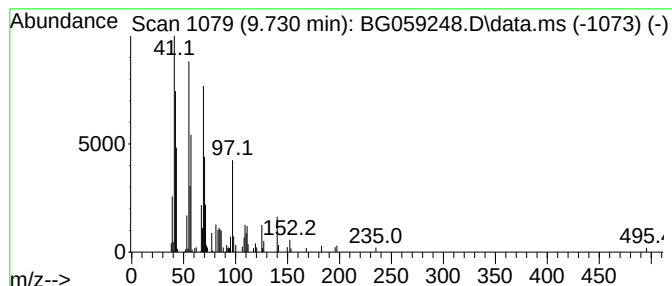
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.730 | 3.88 ng/ul | 181879 | Naphthalene-d8   | 11.075 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | trans-3-Decene                    | 140 | C10H20  | 019150-21-1 | 46   |
| 2    |    |   | 4-Octene, 2,6-dimethyl-, [S-(E)]- | 140 | C10H20  | 062960-76-3 | 43   |
| 3    |    |   | 3-Octene, 4-ethyl-                | 140 | C10H20  | 053966-51-1 | 43   |
| 4    |    |   | 4-Octene, 2,6-dimethyl-, [S-(E)]- | 140 | C10H20  | 062960-76-3 | 38   |
| 5    |    |   | 2-Octene, 2,6-dimethyl-           | 140 | C10H20  | 004057-42-5 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

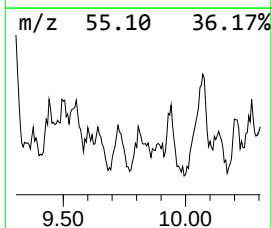
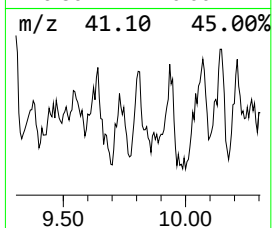
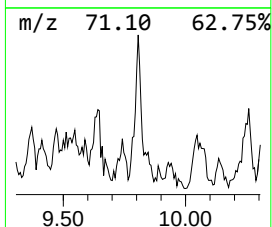
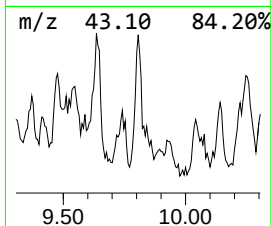
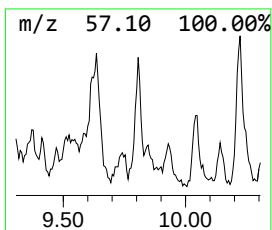
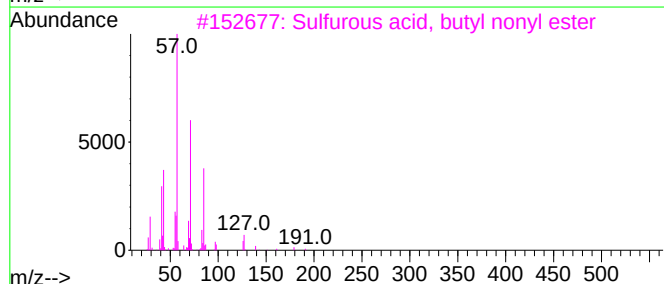
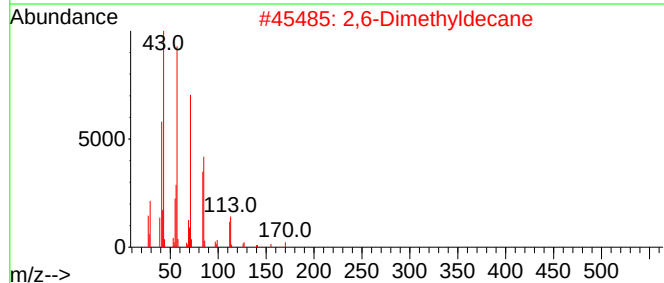
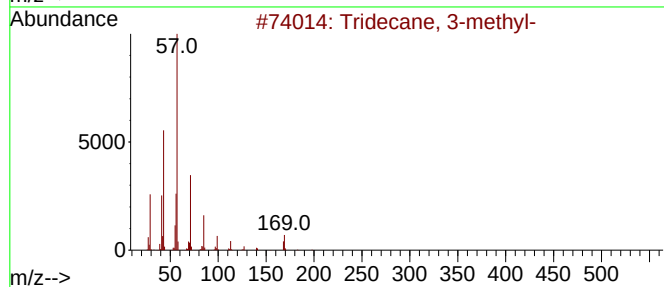
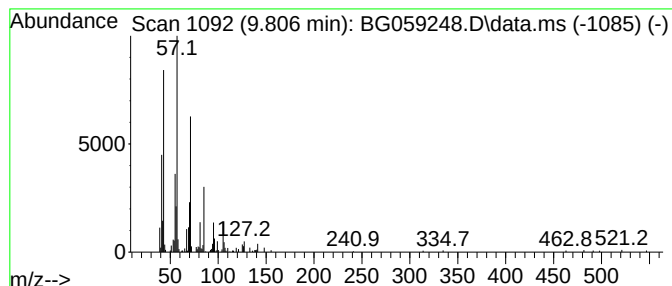
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 53

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.806 | 5.03 ng/ul | 236125 | Naphthalene-d8   | 11.075 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane, 3-methyl-                | 198 | C14H30    | 006418-41-3  | 59   |
| 2    |    |   | 2,6-Dimethyldecane                  | 170 | C12H26    | 013150-81-7  | 59   |
| 3    |    |   | Sulfurous acid, butyl nonyl ester   | 264 | C13H28O3S | 1000309-17-6 | 59   |
| 4    |    |   | Undecane, 3,8-dimethyl-             | 184 | C13H28    | 017301-30-3  | 59   |
| 5    |    |   | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44    | 018344-37-1  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

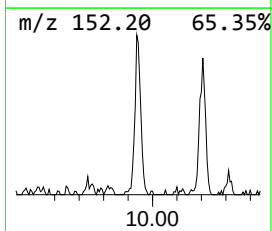
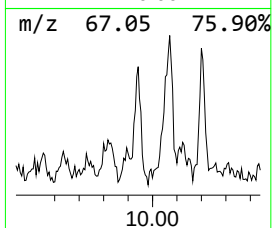
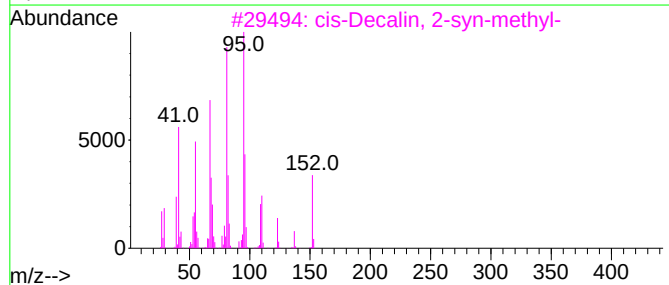
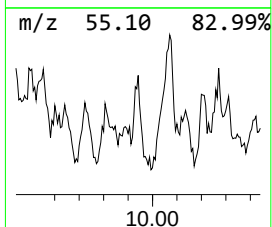
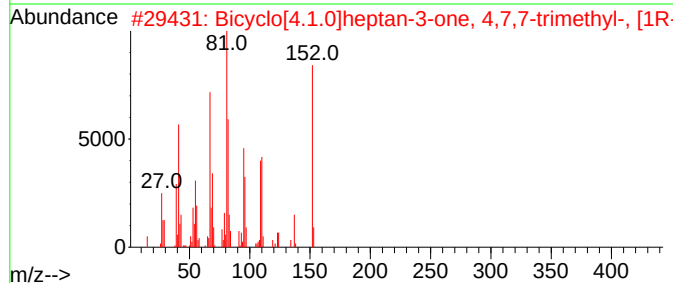
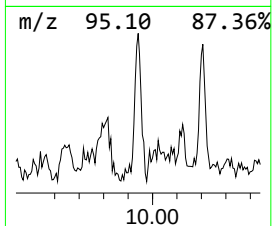
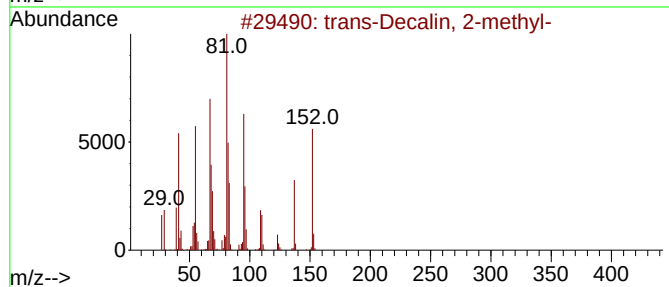
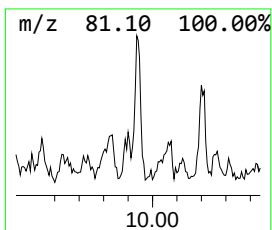
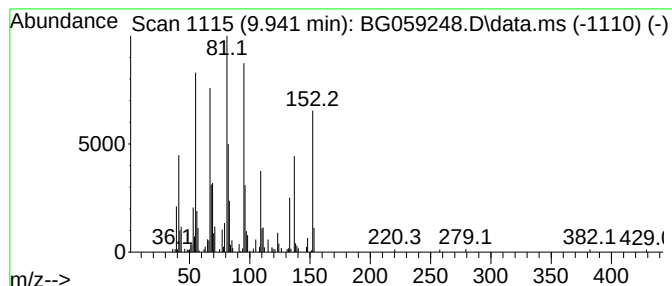
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 35 trans-Decalin, 2-methyl- Concentration Rank 48

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.941 | 6.70 ng/ul | 314311 | Naphthalene-d8   | 11.075 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 93   |
| 2    |    |   | Bicyclo[4.1.0]heptan-3-one, 4,7,... | 152 | C10H16O | 004176-04-9  | 76   |
| 3    |    |   | cis-Decalin, 2-syn-methyl-          | 152 | C11H20  | 1000155-85-6 | 72   |
| 4    |    |   | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 68   |
| 5    |    |   | Pulegone                            | 152 | C10H16O | 000089-82-7  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

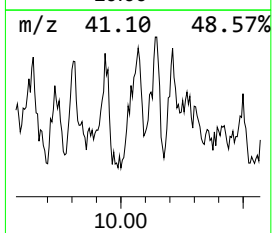
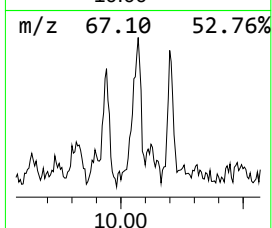
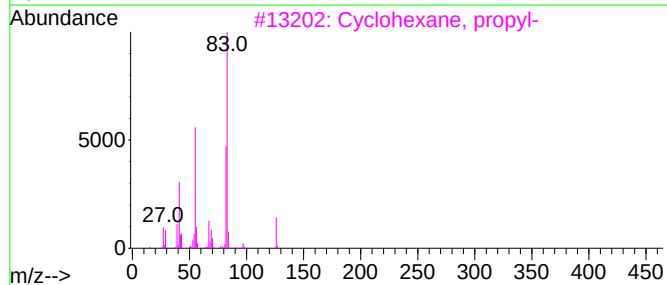
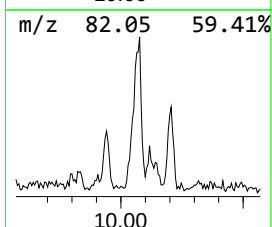
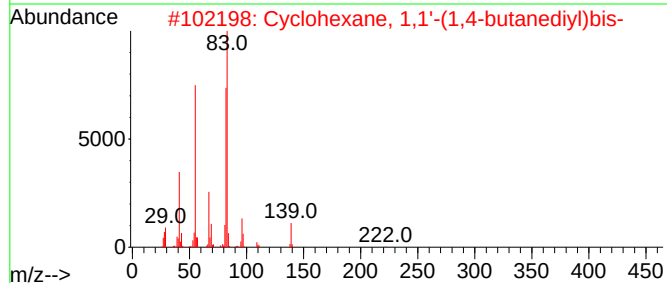
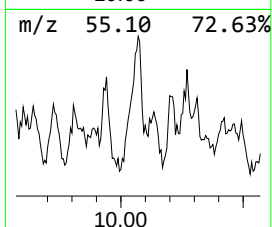
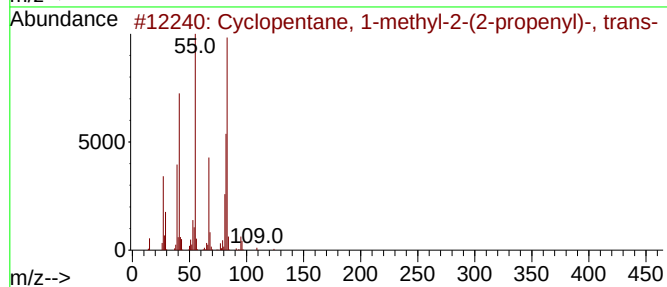
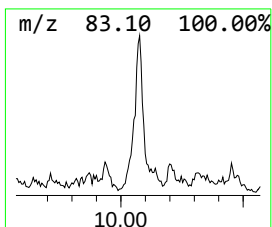
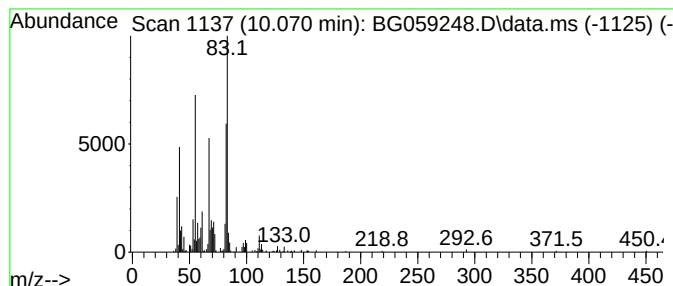
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 36 Cyclopentane, 1-methyl-2-(2... Concentration Rank 30

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------------|--------|------------------|--------------|------|
| 10.070    | 12.23 ng/ul                          | 573525 | Naphthalene-d8   | 11.075       |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#         | Qual |
| 1         | Cyclopentane, 1-methyl-2-(2-prop...  | 124    | C9H16            | 050746-53-7  | 64   |
| 2         | Cyclohexane, 1,1'-(1,4-butanediyl... | 222    | C16H30           | 006165-44-2  | 53   |
| 3         | Cyclohexane, propyl-                 | 126    | C9H18            | 001678-92-8  | 50   |
| 4         | Succinic acid, cis-hex-3-enyl pe...  | 410    | C25H46O4         | 1000353-41-7 | 50   |
| 5         | Cyclohexane, octyl-                  | 196    | C14H28           | 001795-15-9  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

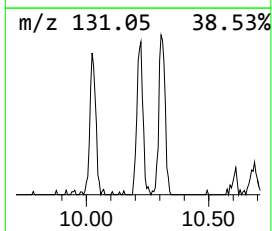
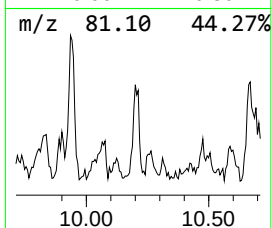
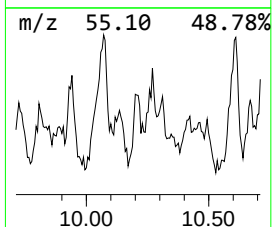
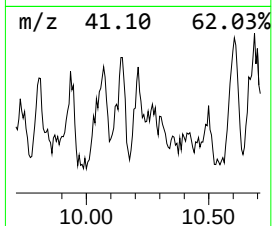
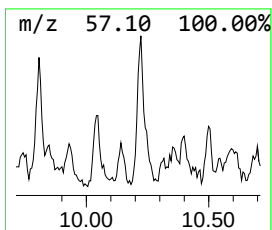
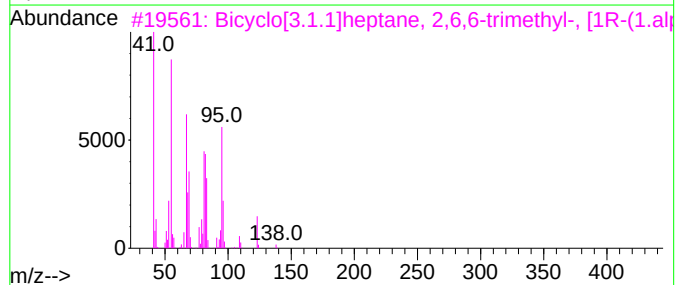
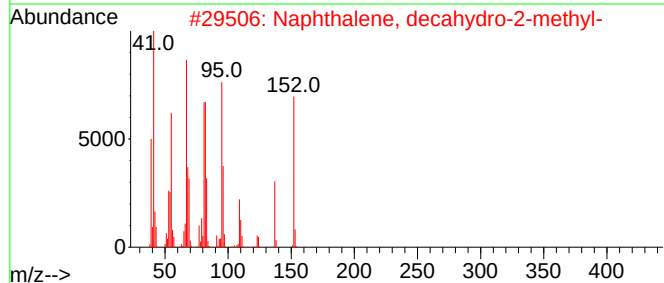
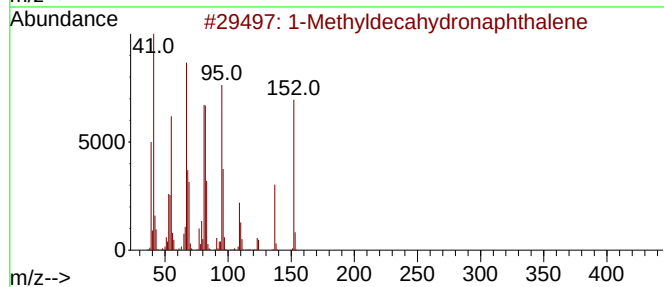
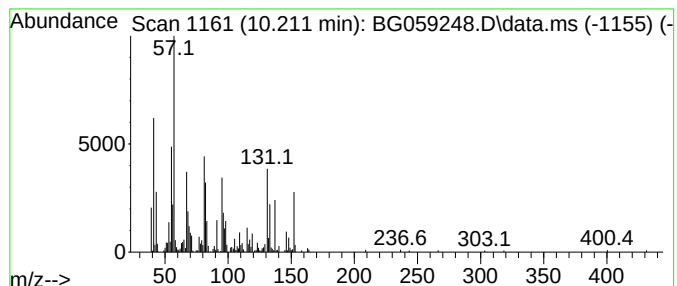
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 37 unknown-08 Concentration Rank 44

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.211 | 8.65 ng/ul | 405744 | Naphthalene-d8   | 11.075 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | 1-Methyldecahydronaphthalene        | 152 | C11H20  | 002958-75-0  | 38   |
| 2    |      | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 30   |
| 3    |      | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18  | 004795-86-2  | 25   |
| 4    |      | 1-Tetradecyne                       | 194 | C14H26  | 000765-10-6  | 14   |
| 5    |      | Decalin, syn-1-methyl-, cis-        | 152 | C11H20  | 1000158-89-1 | 12   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

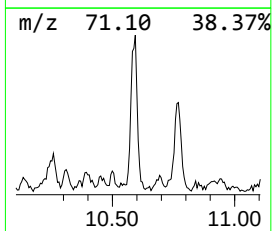
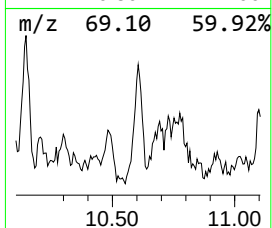
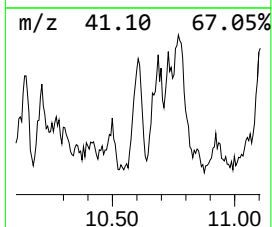
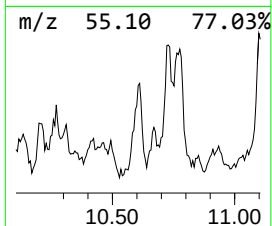
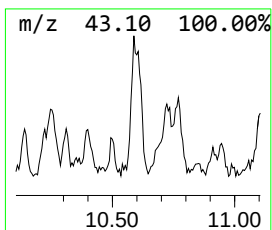
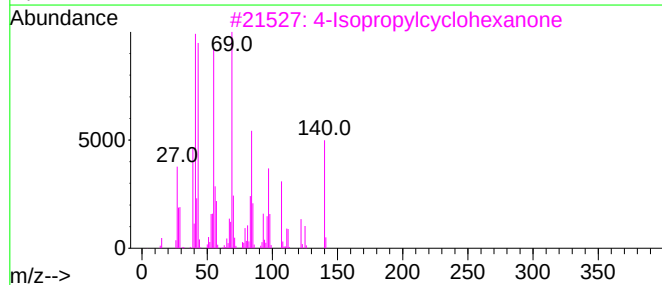
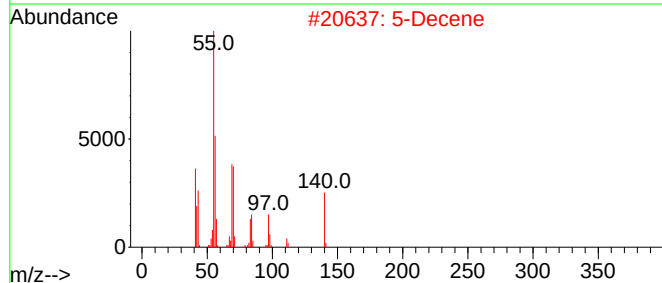
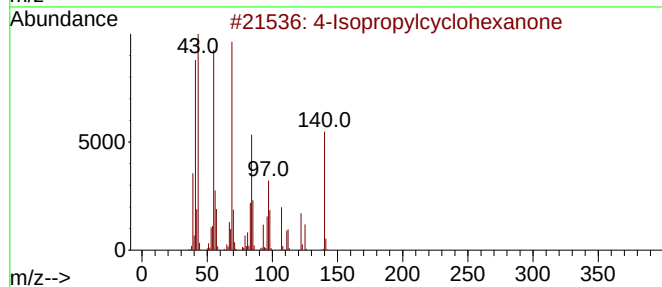
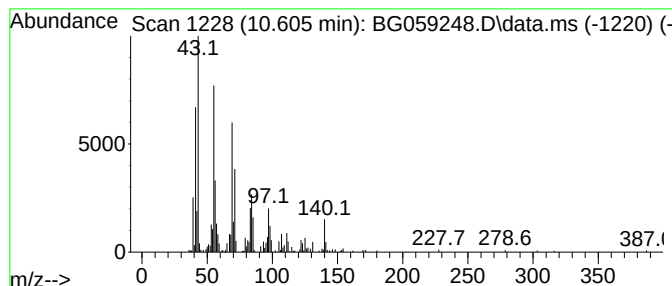
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 38 4-Isopropylcyclohexanone Concentration Rank 36

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------|--------|------------------|--------------|------|
| 10.605    | 10.75 ng/ul                 | 504274 | Naphthalene-d8   | 11.075       |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#         | Qual |
| 1         | 4-Isopropylcyclohexanone    | 140    | C9H16O           | 005432-85-9  | 83   |
| 2         | 5-Decene                    | 140    | C10H20           | 019689-19-1  | 70   |
| 3         | 4-Isopropylcyclohexanone    | 140    | C9H16O           | 005432-85-9  | 60   |
| 4         | 4-Decene                    | 140    | C10H20           | 019689-18-0  | 58   |
| 5         | 3-Trifluoroacetoxytridecane | 296    | C15H27F3O2       | 1000245-47-2 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

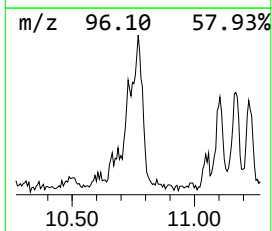
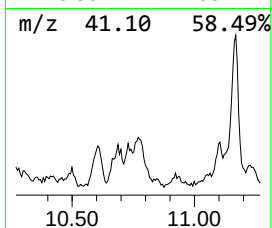
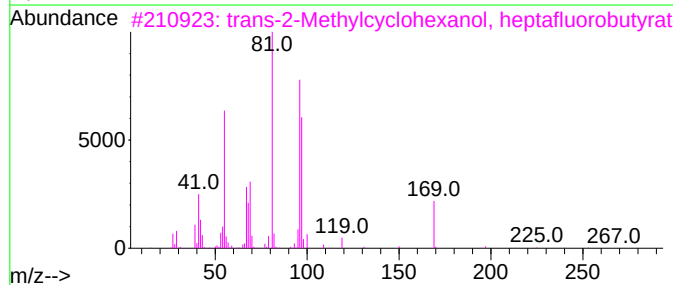
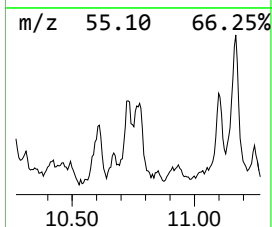
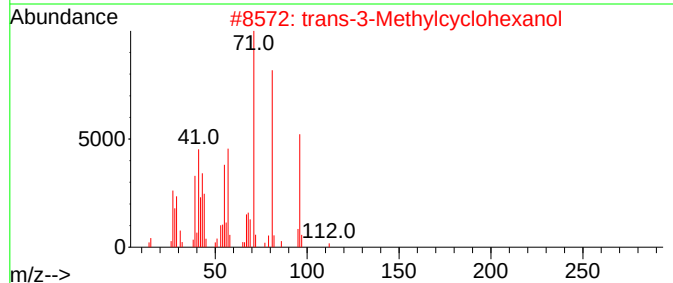
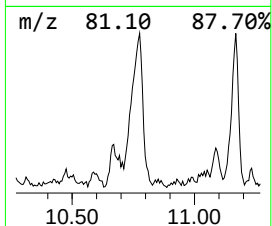
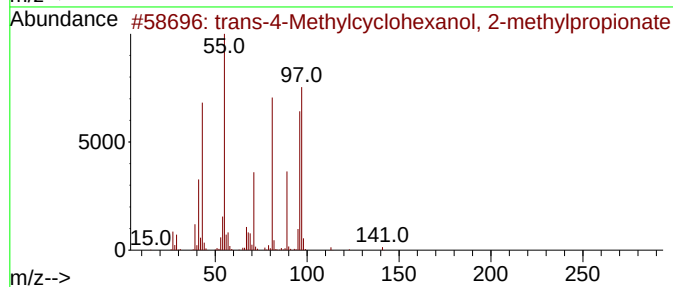
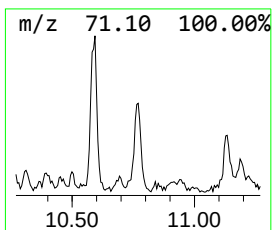
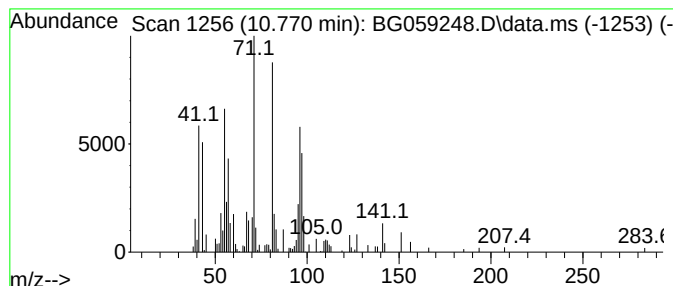
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 39 trans-4-Methylcyclohexanol,... Concentration Rank 27

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 10.770 | 13.24 ng/ul | 621145 | Naphthalene-d8   | 11.075 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | trans-4-Methylcyclohexanol, 2-me... | 184 | C11H20O2    | 1000447-34-1 | 50   |
| 2    |    |   | trans-3-Methylcyclohexanol          | 114 | C7H14O      | 007443-55-2  | 50   |
| 3    |    |   | trans-2-Methylcyclohexanol, hept... | 310 | C11H13F7O2  | 1010364-13-5 | 43   |
| 4    |    |   | trans-4-Methylcyclohexanol, hept... | 310 | C11H13F7O2  | 1000364-14-0 | 43   |
| 5    |    |   | trans-4-Methylcyclohexanol, chlo... | 226 | C9H13ClF2O2 | 1000376-26-1 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

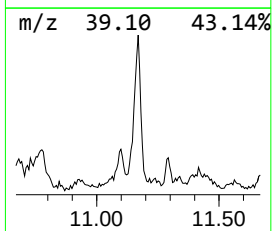
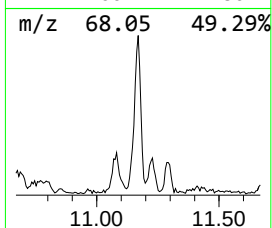
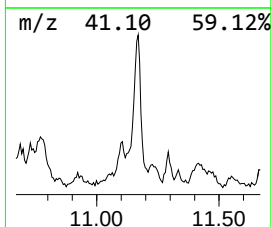
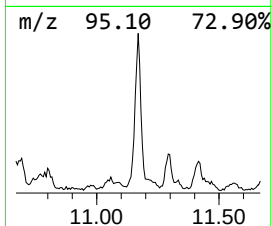
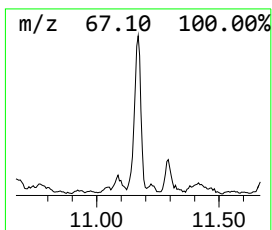
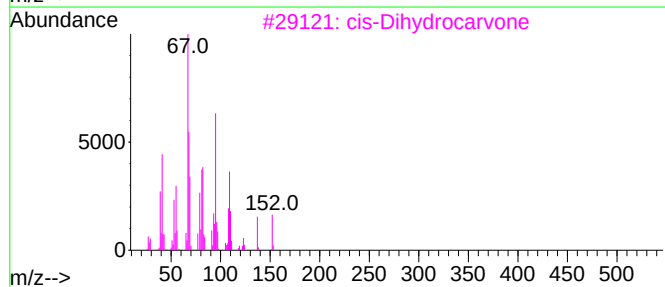
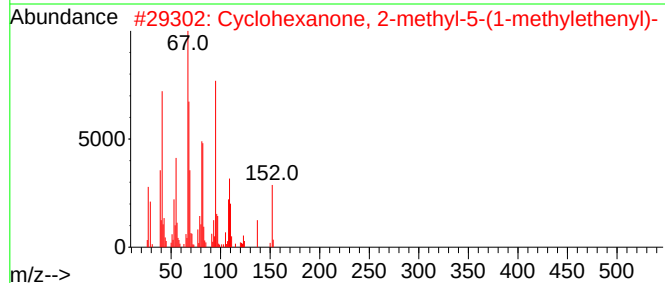
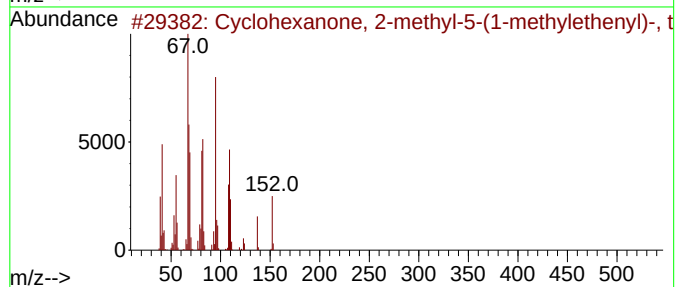
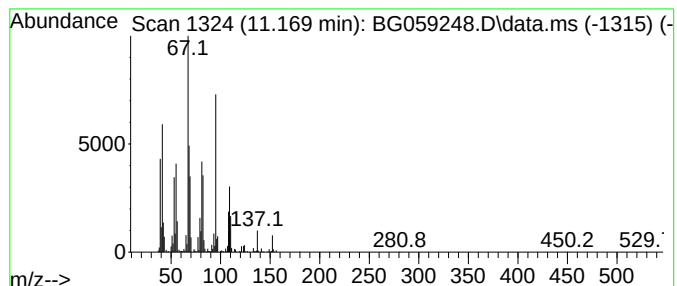
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 41 Cyclohexanone, 2-methyl-5-(... Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 11.169 | 36.30 ng/ul | 1702530 | Naphthalene-d8   | 11.075 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexanone, 2-methyl-5-(1-met... | 152 | C10H16O | 005948-04-9 | 93   |
| 2    |    |   | Cyclohexanone, 2-methyl-5-(1-met... | 152 | C10H16O | 007764-50-3 | 91   |
| 3    |    |   | cis-Dihydrocarvone                  | 152 | C10H16O | 003792-53-8 | 91   |
| 4    |    |   | Cyclohexanone, 2-methyl-5-(1-met... | 152 | C10H16O | 005948-04-9 | 80   |
| 5    |    |   | Cyclohexanone, 2-methyl-5-(1-met... | 152 | C10H16O | 007764-50-3 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

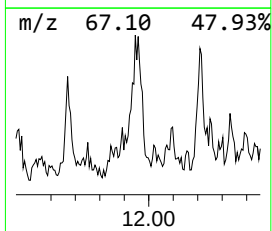
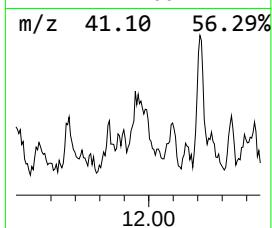
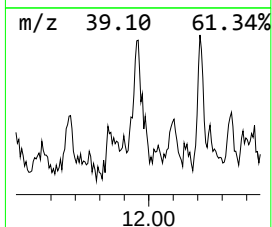
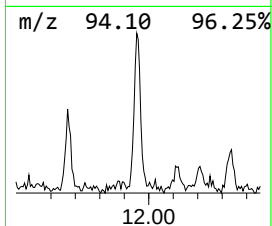
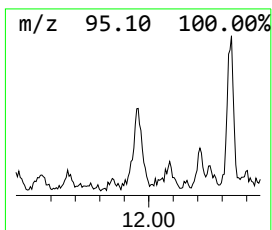
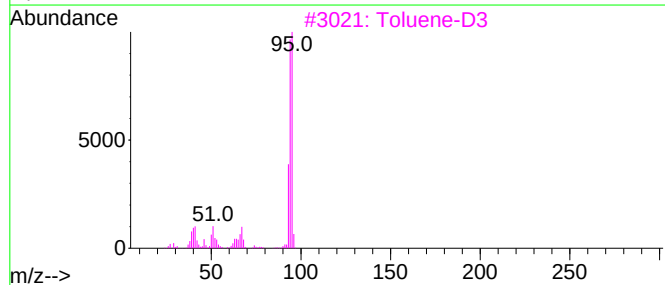
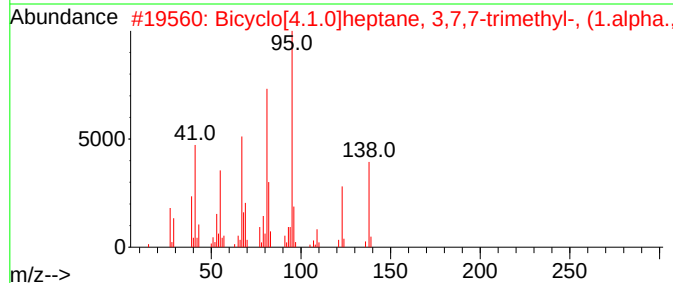
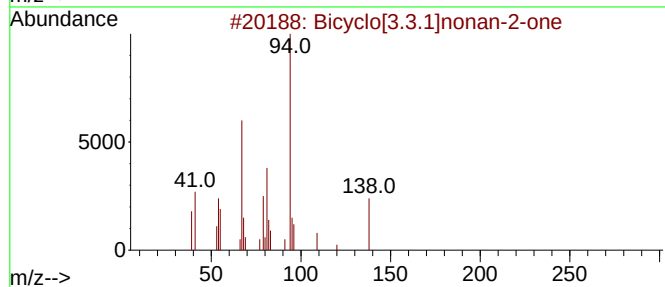
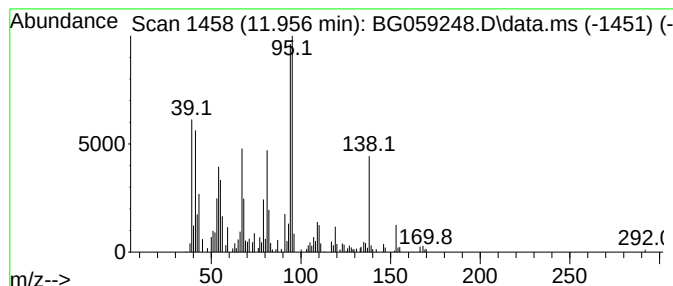
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 47 unknown-09 Concentration Rank 42

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 11.956    | 8.95 ng/ul                          | 419651 | Naphthalene-d8   | 11.075      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Bicyclo[3.3.1]nonan-2-one           | 138    | C9H14O           | 002568-17-4 | 43   |
| 2         | Bicyclo[4.1.0]heptane, 3,7,7-tri... | 138    | C10H18           | 018968-23-5 | 43   |
| 3         | Toluene-D3                          | 95     | C7H5D3           | 001124-18-1 | 43   |
| 4         | 1,3-Dimethyl-1-cyclohexene          | 110    | C8H14            | 002808-76-6 | 38   |
| 5         | 1,4-Pentadiene, 2,3,3-trimethyl-    | 110    | C8H14            | 000756-02-5 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

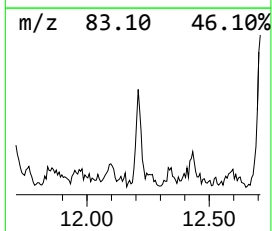
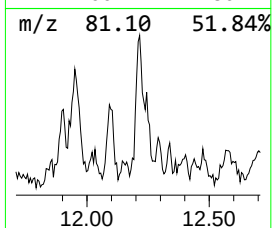
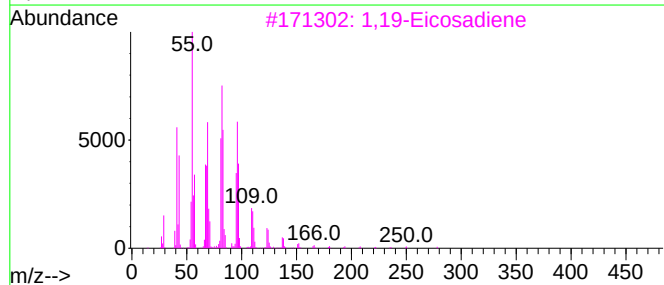
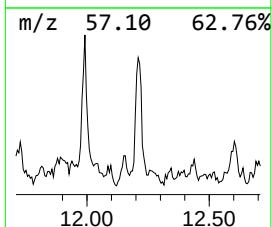
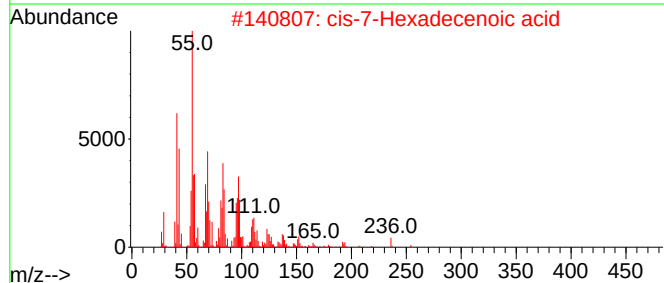
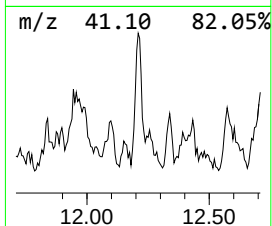
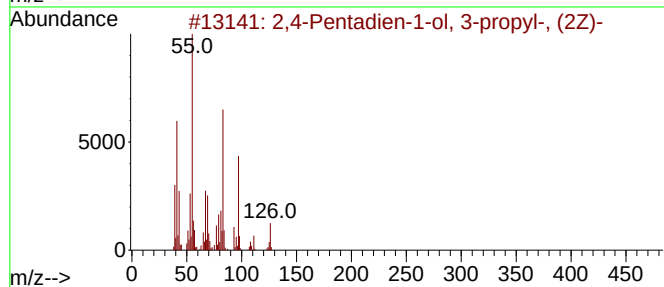
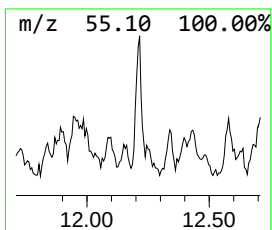
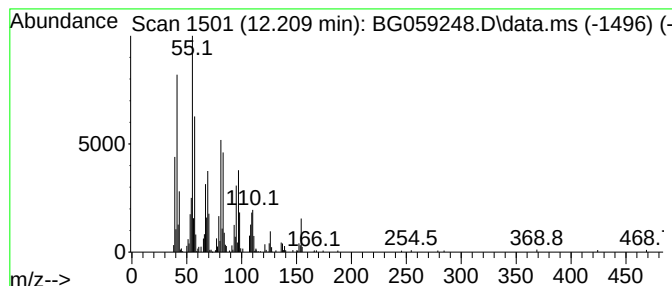
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 49 2,4-Pentadien-1-ol, 3-propy... Concentration Rank 45

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.209 | 8.37 ng/ul | 392645 | Naphthalene-d8   | 11.075 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2,4-Pentadien-1-ol, 3-propyl-, (... | 126 | C8H14O       | 1000142-17-9 | 55      |      |      |
| 2    | cis-7-Hexadecenoic acid             | 254 | C16H30O2     | 002416-19-5  | 53      |      |      |
| 3    | 1,19-Eicosadiene                    | 278 | C20H38       | 014811-95-1  | 52      |      |      |
| 4    | Isopulegol                          | 154 | C10H18O      | 000089-79-2  | 49      |      |      |
| 5    | Cyclohexanone, 4-(1,1-dimethylet... | 154 | C10H18O      | 000098-53-3  | 30      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

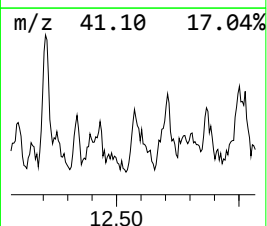
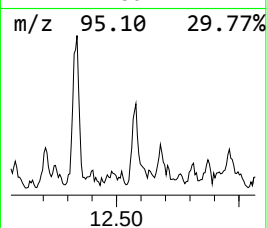
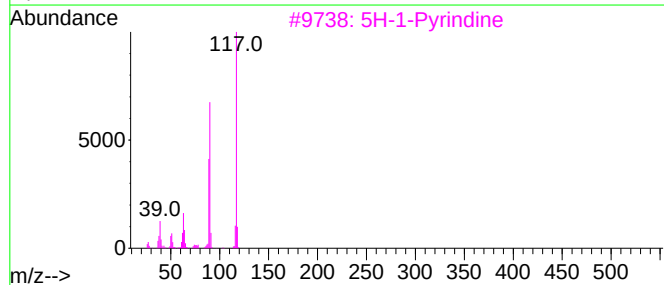
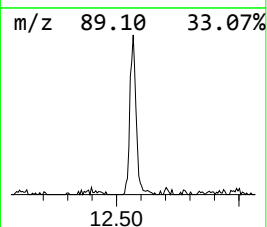
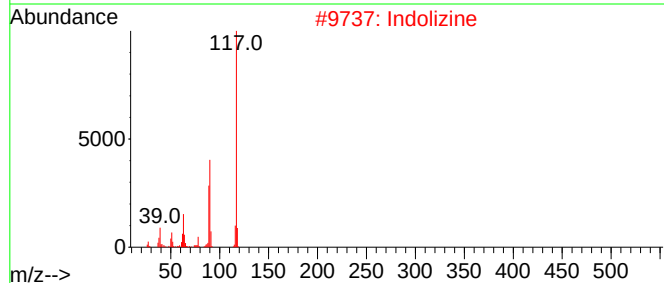
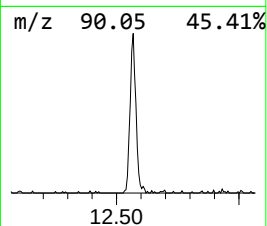
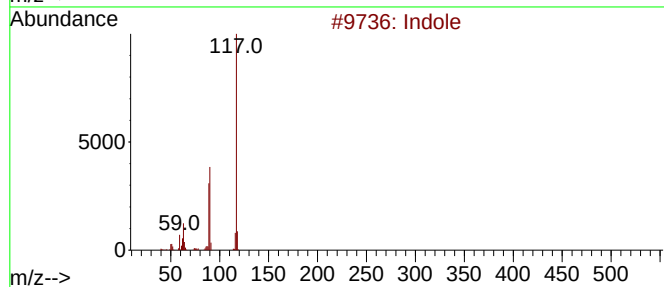
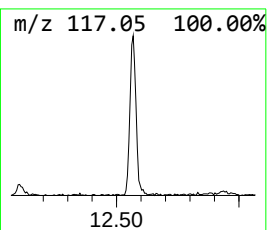
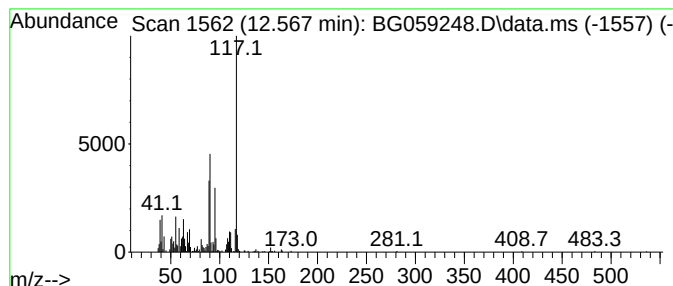
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 51 Indole Concentration Rank 35

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 12.568 | 11.05 ng/ul | 518080 | Naphthalene-d8   | 11.075 |

| Hit# | of | 5 | Tentative ID  | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------|-----|---------|-------------|------|
| 1    |    |   | Indole        | 117 | C8H7N   | 000120-72-9 | 93   |
| 2    |    |   | Indolizine    | 117 | C8H7N   | 000274-40-8 | 76   |
| 3    |    |   | 5H-1-Pyridine | 117 | C8H7N   | 000270-91-7 | 76   |
| 4    |    |   | Indole        | 117 | C8H7N   | 000120-72-9 | 76   |
| 5    |    |   | Indole        | 117 | C8H7N   | 000120-72-9 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

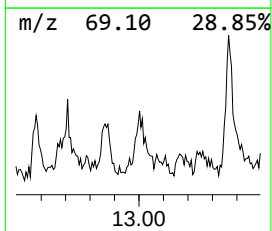
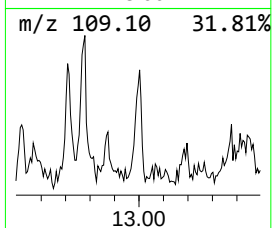
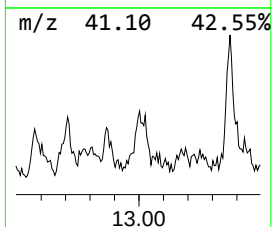
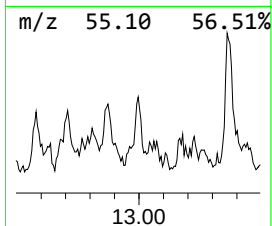
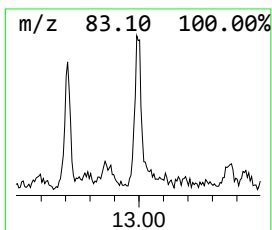
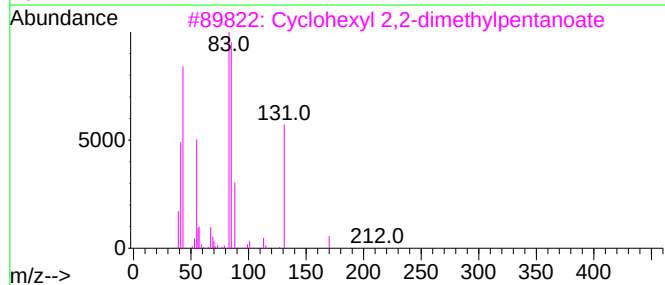
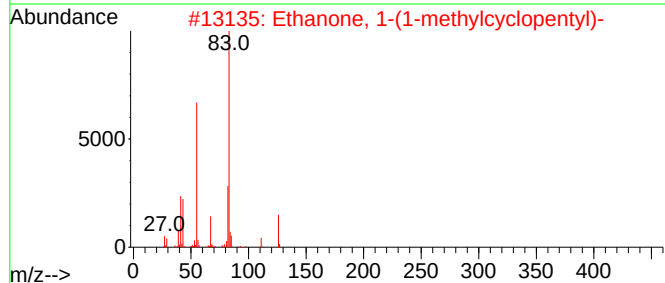
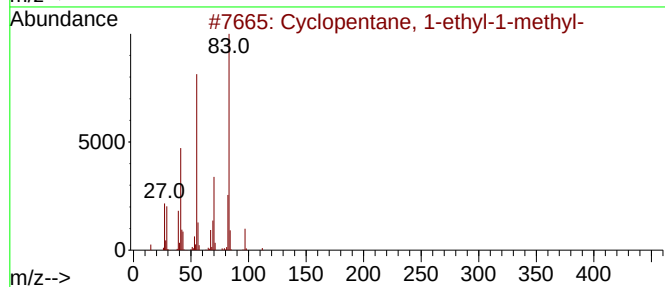
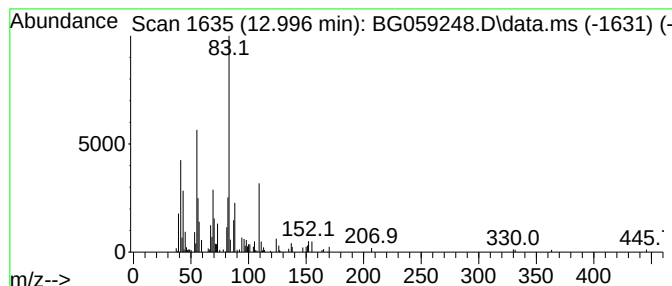
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 54 (DEL) Alkane: Cyclic12.996 Concentration Rank 47

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.996 | 7.36 ng/ul | 260560 | Acenaphthene-d10 | 14.865 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Cyclopentane, 1-ethyl-1-methyl-     | 112 | C8H16      | 016747-50-5  | 46   |
| 2    |    |   | Ethanone, 1-(1-methylcyclopentyl)-  | 126 | C8H14O     | 013388-93-7  | 43   |
| 3    |    |   | Cyclohexyl 2,2-dimethylpentanoate   | 212 | C13H24O2   | 1000223-20-5 | 43   |
| 4    |    |   | Binapacryl                          | 322 | C15H18N2O6 | 000485-31-4  | 38   |
| 5    |    |   | Oxalic acid, cyclohexyl dodecyl ... | 340 | C20H36O4   | 1000309-31-4 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

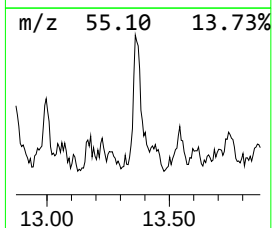
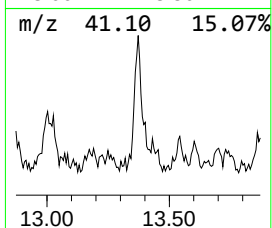
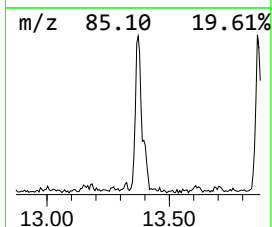
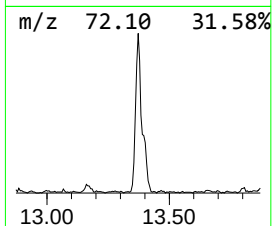
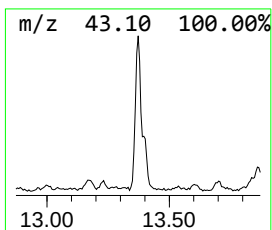
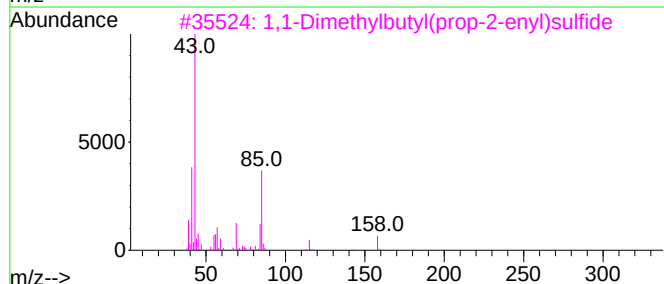
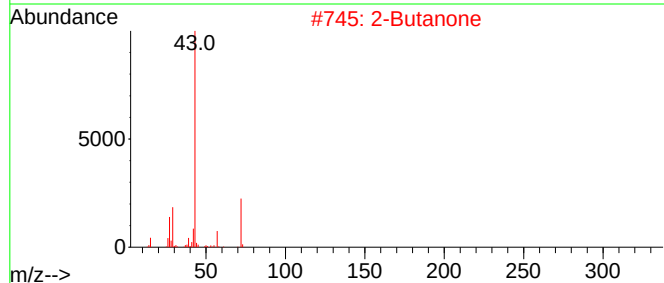
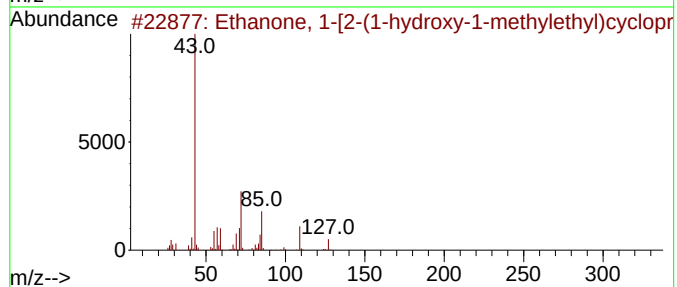
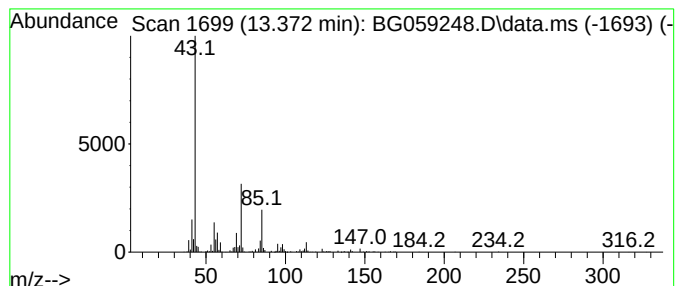
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 56 unknown-10 Concentration Rank 14

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 13.372 | 25.57 ng/ul | 905042 | Acenaphthene-d10 | 14.865 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Ethanone, 1-[2-(1-hydroxy-1-meth... | 142 | C8H14O2 | 062337-92-2  | 40   |
| 2    |    |   | 2-Butanone                          | 72  | C4H8O   | 000078-93-3  | 38   |
| 3    |    |   | 1,1-Dimethylbutyl(prop-2-enyl)su... | 158 | C9H18S  | 1000215-92-9 | 37   |
| 4    |    |   | 2-Butanone                          | 72  | C4H8O   | 000078-93-3  | 35   |
| 5    |    |   | 2-Heptanone, 3-methyl-              | 128 | C8H16O  | 002371-19-9  | 32   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

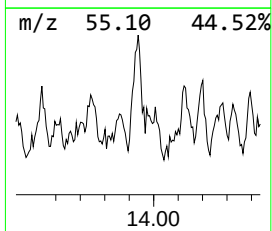
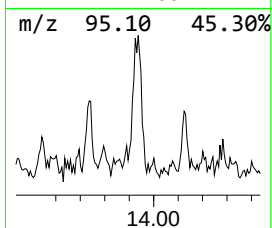
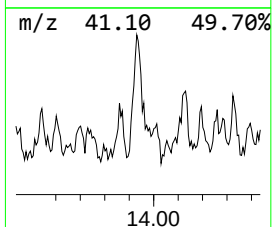
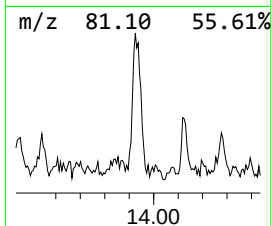
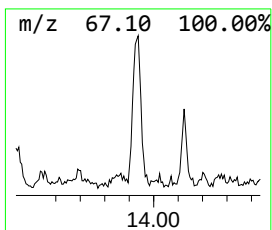
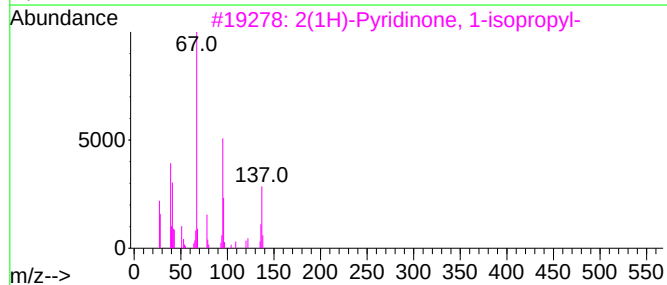
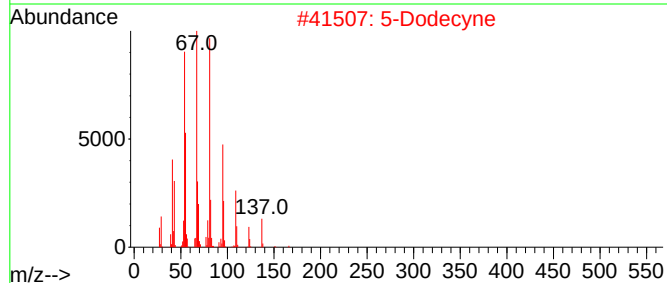
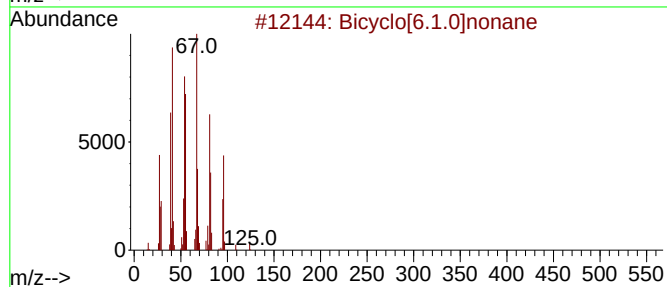
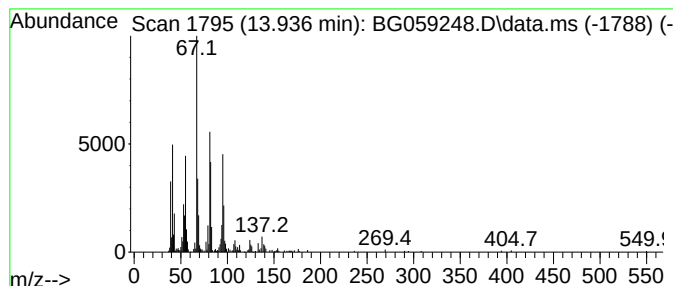
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 58 Bicyclo[6.1.0]nonane Concentration Rank 24

| R.T.      | EstConc                        | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------|--------|------------------|-------------|------|
| 13.937    | 14.44 ng/ul                    | 511170 | Acenaphthene-d10 | 14.865      |      |
| Hit# of 5 | Tentative ID                   | MW     | MolForm          | CAS#        | Qual |
| 1         | Bicyclo[6.1.0]nonane           | 124    | C9H16            | 000286-60-2 | 59   |
| 2         | 5-Dodecyne                     | 166    | C12H22           | 019780-12-2 | 53   |
| 3         | 2(1H)-Pyridinone, 1-isopropyl- | 137    | C8H11NO          | 022973-00-8 | 47   |
| 4         | 1,4-Hexadiene, (Z)-            | 82     | C6H10            | 007318-67-4 | 46   |
| 5         | Cyclopentane, methylene-       | 82     | C6H10            | 001528-30-9 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

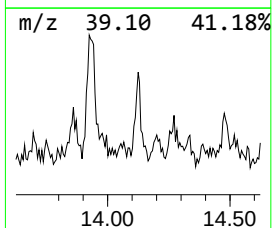
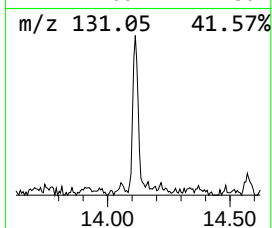
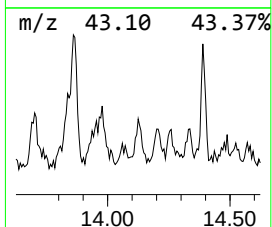
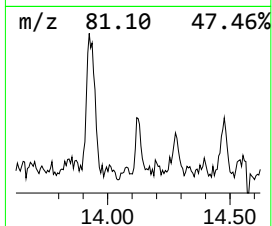
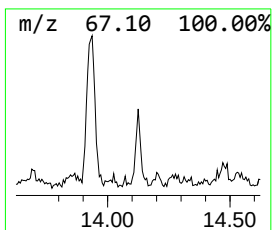
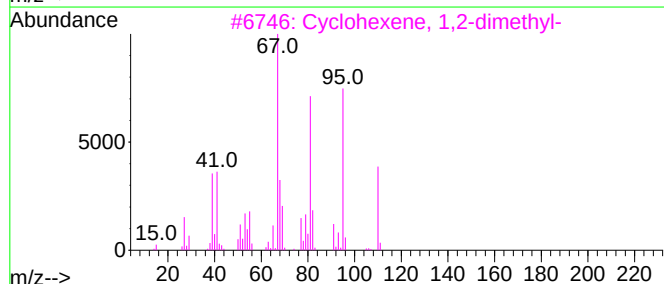
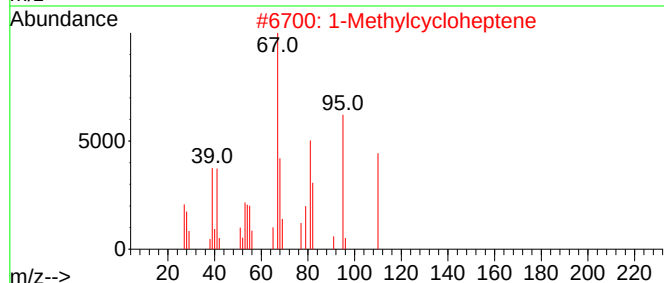
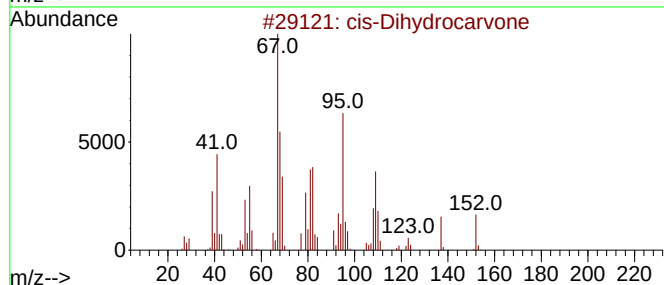
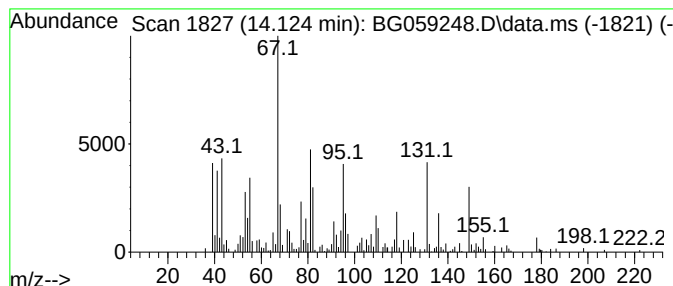
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 59 unknown-11 Concentration Rank 46

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.124 | 8.18 ng/ul | 289565 | Acenaphthene-d10 | 14.865 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | cis-Dihydrocarvone         | 152 | C10H16O | 003792-53-8 | 49   |
| 2    |    |   | 1-Methylcycloheptene       | 110 | C8H14   | 055308-20-8 | 46   |
| 3    |    |   | Cyclohexene, 1,2-dimethyl- | 110 | C8H14   | 001674-10-8 | 46   |
| 4    |    |   | 3-Nonyne                   | 124 | C9H16   | 020184-89-8 | 43   |
| 5    |    |   | 4,5-Nonadiene              | 124 | C9H16   | 000821-74-9 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

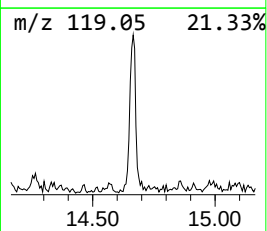
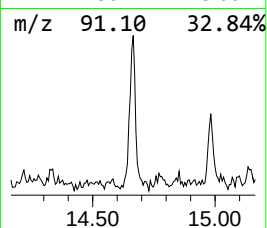
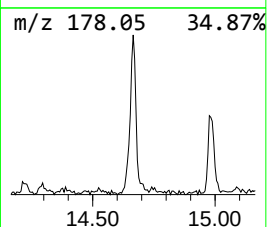
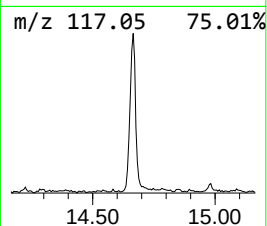
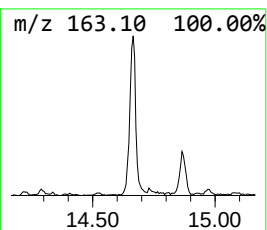
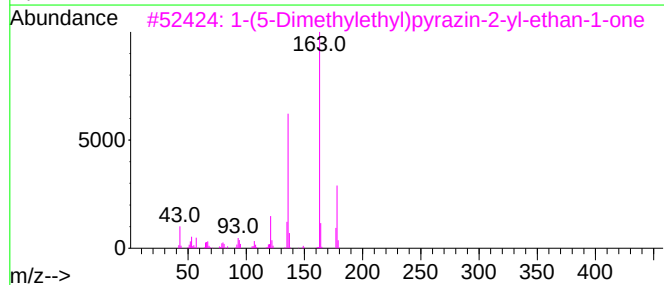
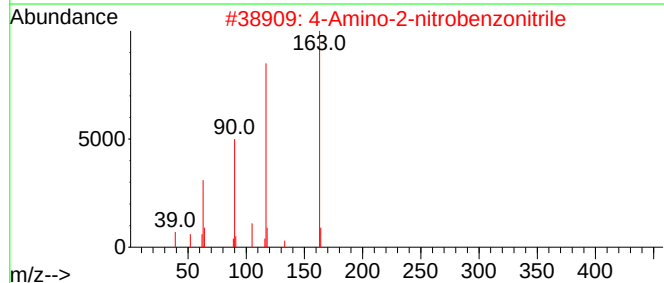
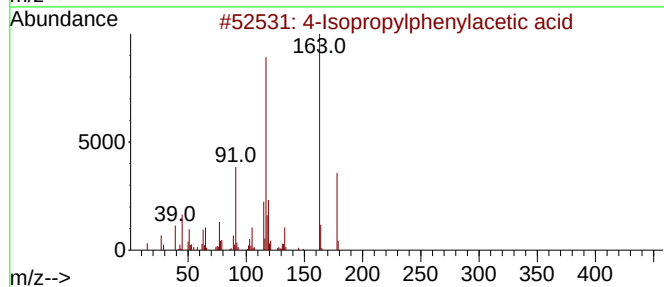
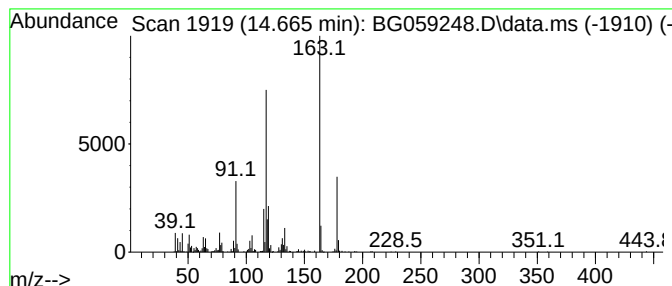
Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 63 4-Isopropylphenylacetic acid Concentration Rank 18

| R.T.      | EstConc                             | Area   | Relative to ISTD |            | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|------------|-------------|------|
| 14.665    | 19.76 ng/ul                         | 699664 | Acenaphthene-d10 |            | 14.865      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm    | CAS#        | Qual |
| 1         | 4-Isopropylphenylacetic acid        |        | 178              | C11H14O2   | 004476-28-2 | 98   |
| 2         | 4-Amino-2-nitrobenzonitrile         |        | 163              | C7H5N3O2   | 072115-07-2 | 52   |
| 3         | 1-(5-Dimethylethyl)pyrazin-2-yl-... |        | 178              | C10H14N2O  | 182306-61-2 | 38   |
| 4         | Benzene, 1-(1,1-dimethylethyl)-2... |        | 178              | C12H18O    | 000088-40-4 | 35   |
| 5         | 1,3-Dioxolane, 2-(bromomethyl)-2... |        | 256              | C11H13BrO2 | 024169-43-5 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

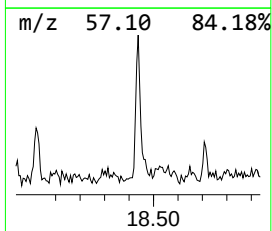
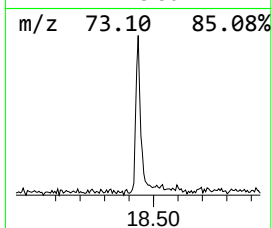
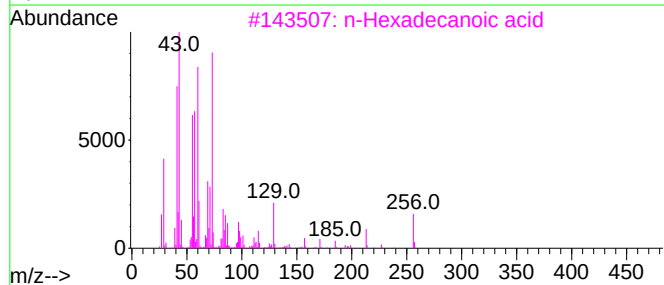
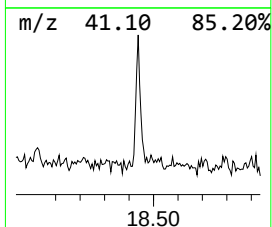
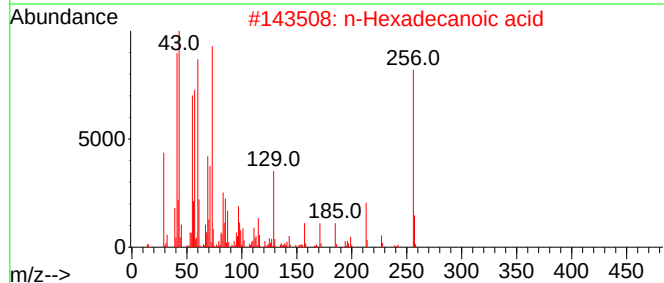
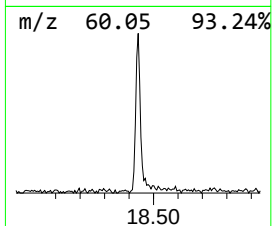
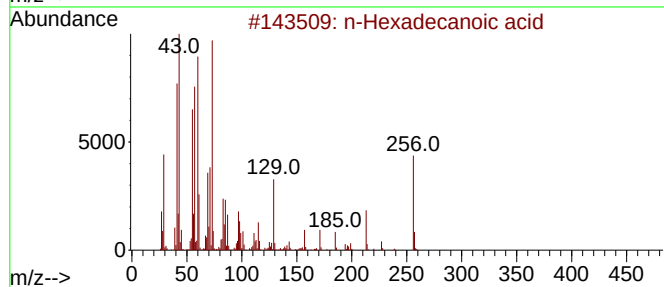
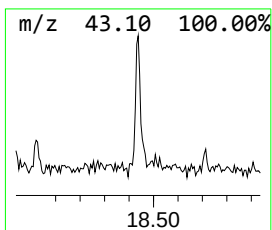
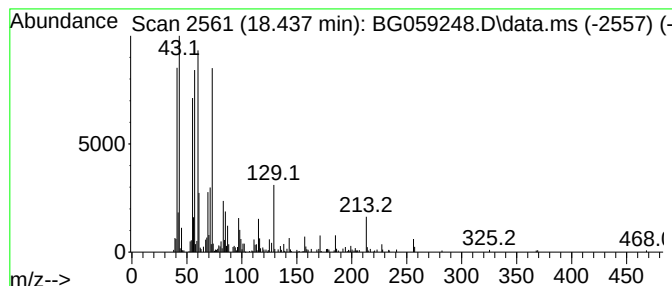
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 68 n-Hexadecanoic acid Concentration Rank 43

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.437 | 8.79 ng/ul | 299742 | Phenanthrene-d10 | 17.615 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

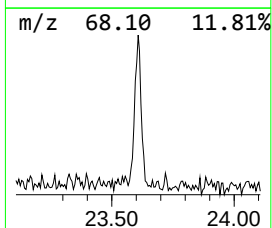
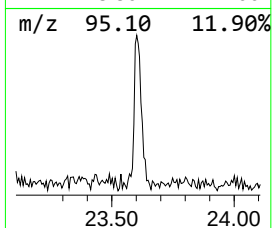
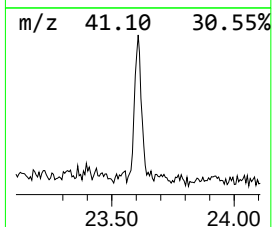
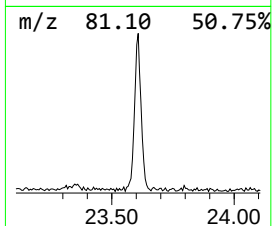
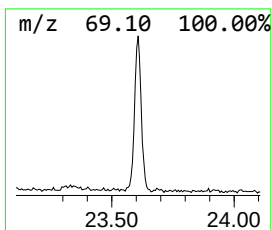
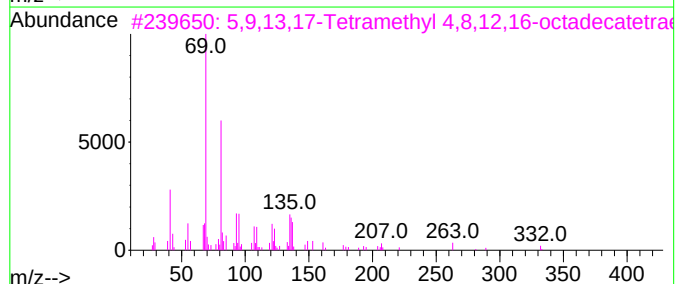
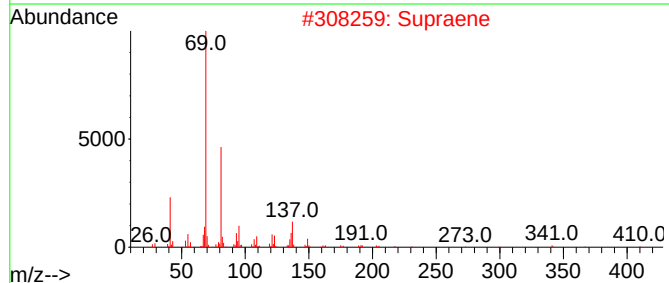
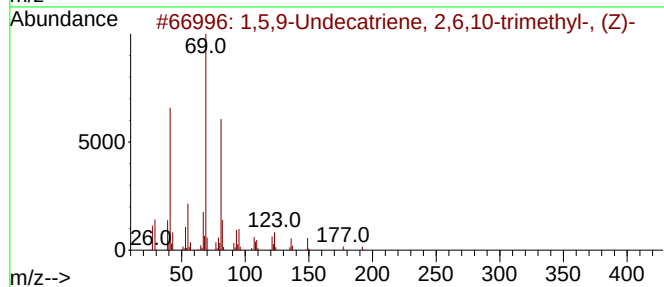
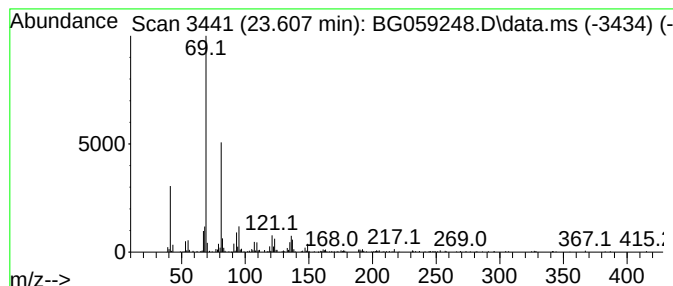
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 70 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 31

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 23.608 | 12.02 ng/ul | 413473 | Chrysene-d12     | 21.915 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24       | 062951-96-6  | 87      |      |      |
| 2    | Supraene                            | 410 | C30H50       | 007683-64-9  | 87      |      |      |
| 3    | 5,9,13,17-Tetramethyl 4,8,12,16-... | 332 | C22H36O2     | 1000432-37-9 | 78      |      |      |
| 4    | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2     | 024035-35-6  | 78      |      |      |
| 5    | 3,7,11-Trimethyl-2,6,10-dodecatr... | 217 | C15H23N      | 029789-67-1  | 64      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

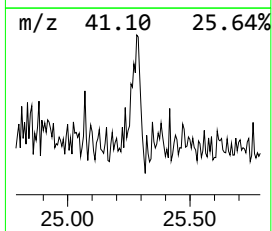
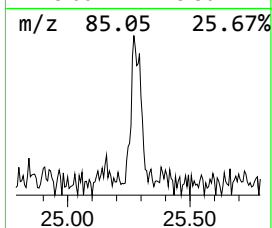
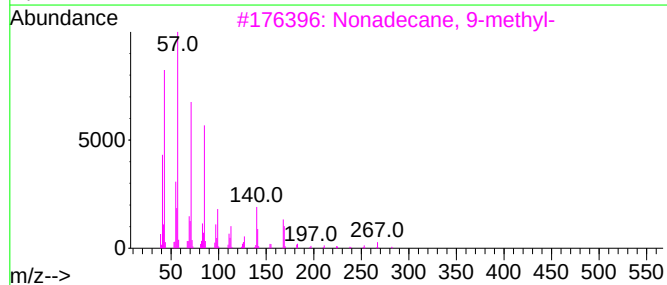
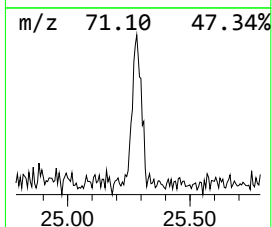
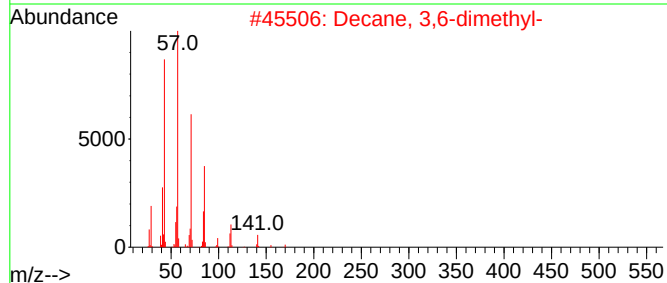
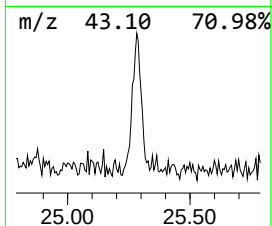
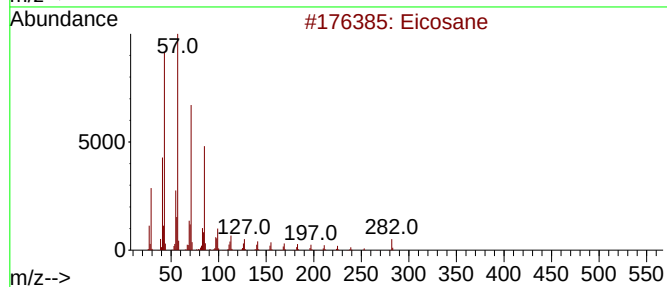
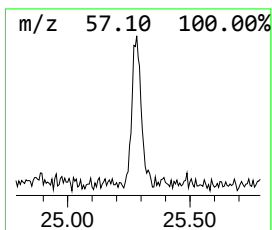
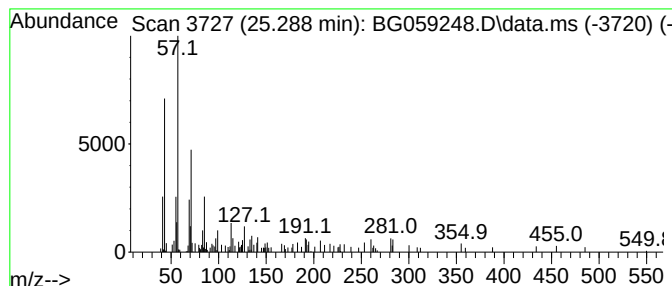
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 71

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 25.288 | 3.20 ng/ul | 128208 | Perylene-d12     | 25.394 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8 | 83   |
| 2    |    |   | Decane, 3,6-dimethyl- | 170 | C12H26  | 017312-53-7 | 58   |
| 3    |    |   | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 58   |
| 4    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 58   |
| 5    |    |   | Tetratriacontane      | 479 | C34H70  | 014167-59-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
Data File : BG059248.D  
Acq On : 29 Sep 2023 00:27  
Operator : MA/JU  
Sample : 04480-13  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

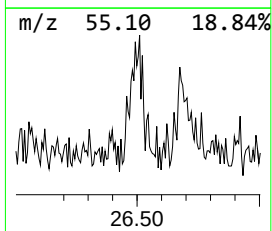
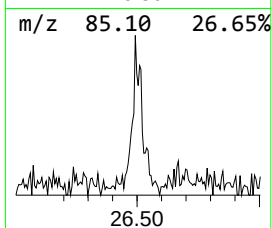
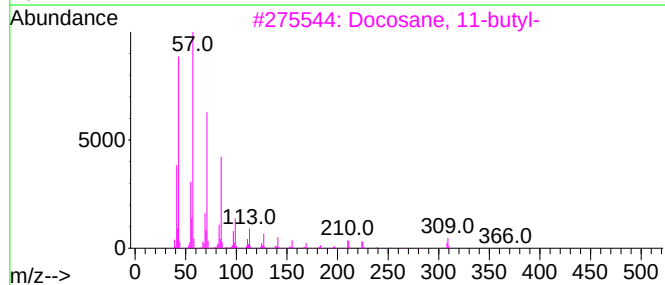
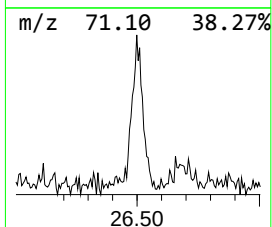
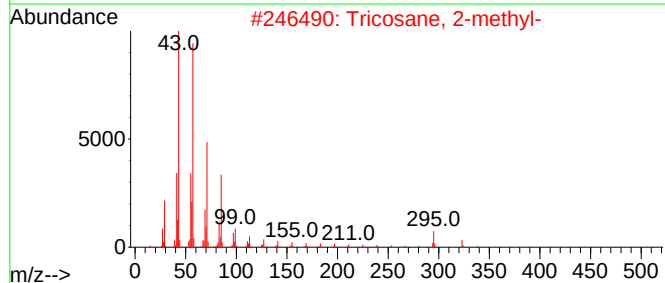
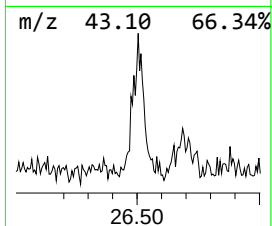
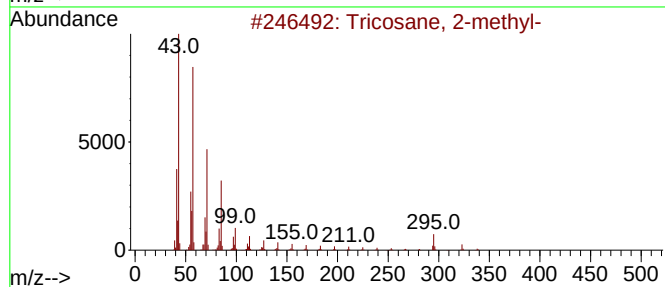
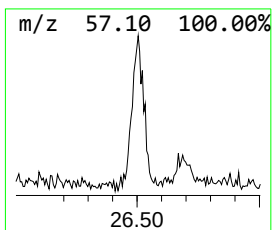
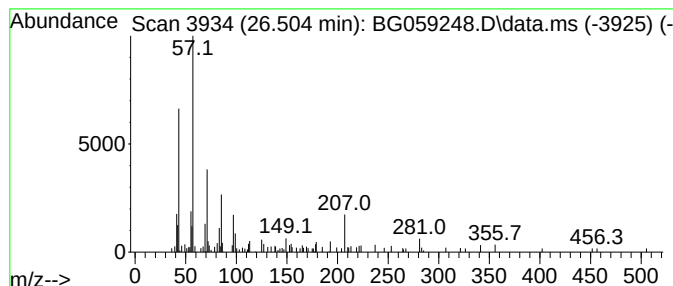
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 68

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 26.504 | 3.43 ng/ul | 137316 | Perylene-d12     | 25.394 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Tricosane, 2-methyl-  | 338 | C24H50  | 001928-30-9 | 52   |
| 2    |    |   | Tricosane, 2-methyl-  | 338 | C24H50  | 001928-30-9 | 52   |
| 3    |    |   | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8 | 52   |
| 4    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 50   |
| 5    |    |   | Tricosane, 2-methyl-  | 338 | C24H50  | 001928-30-9 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092823\  
 Data File : BG059248.D  
 Acq On : 29 Sep 2023 00:27  
 Operator : MA/JU  
 Sample : 04480-13  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS829

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.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 |
| unknown-01          | 3.807  | 9.9     | ng/ul | 129250   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: C...  | 4.771  | 9.7     | ng/ul | 126058   | 1                     | 8.231  | 260965 | 20.0 |
| Tetrachloroethy...  | 4.853  | 2166.0  | ng/ul | 28262700 | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: C...  | 5.329  | 20.4    | ng/ul | 266682   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: C...  | 5.570  | 14.5    | ng/ul | 189446   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 5.952  | 9.6     | ng/ul | 124880   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: C...  | 6.010  | 11.4    | ng/ul | 148716   | 1                     | 8.231  | 260965 | 20.0 |
| unknown-02          | 6.057  | 15.0    | ng/ul | 195320   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 6.104  | 26.1    | ng/ul | 340438   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: C...  | 6.434  | 44.5    | ng/ul | 580260   | 1                     | 8.231  | 260965 | 20.0 |
| 1,3-Cyclohexane...  | 6.475  | 16.3    | ng/ul | 212728   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: C...  | 6.539  | 10.4    | ng/ul | 135993   | 1                     | 8.231  | 260965 | 20.0 |
| 1H-Indene, octa...  | 6.680  | 46.3    | ng/ul | 604110   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 6.745  | 11.2    | ng/ul | 146553   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 6.798  | 64.6    | ng/ul | 843403   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 6.904  | 13.0    | ng/ul | 169881   | 1                     | 8.231  | 260965 | 20.0 |
| unknown-03          | 6.974  | 13.7    | ng/ul | 178435   | 1                     | 8.231  | 260965 | 20.0 |
| unknown-04          | 7.174  | 14.7    | ng/ul | 191539   | 1                     | 8.231  | 260965 | 20.0 |
| Isophytol           | 7.473  | 41.9    | ng/ul | 546300   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 7.609  | 28.3    | ng/ul | 369222   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: C...  | 7.891  | 18.3    | ng/ul | 238650   | 1                     | 8.231  | 260965 | 20.0 |
| unknown-05          | 8.096  | 31.7    | ng/ul | 413323   | 1                     | 8.231  | 260965 | 20.0 |
| unknown-06          | 8.296  | 13.2    | ng/ul | 172617   | 1                     | 8.231  | 260965 | 20.0 |
| 1,3-Dimethyl-1-...  | 8.343  | 24.8    | ng/ul | 323572   | 1                     | 8.231  | 260965 | 20.0 |
| 1-Methyl-2-meth...  | 8.414  | 11.9    | ng/ul | 155185   | 1                     | 8.231  | 260965 | 20.0 |
| p-Cymene            | 8.502  | 24.8    | ng/ul | 323190   | 1                     | 8.231  | 260965 | 20.0 |
| unknown-07          | 8.684  | 13.8    | ng/ul | 180162   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 8.748  | 26.2    | ng/ul | 341317   | 1                     | 8.231  | 260965 | 20.0 |
| Naphthalene, de...  | 9.048  | 67.5    | ng/ul | 881361   | 1                     | 8.231  | 260965 | 20.0 |
| Cyclopropanemet...  | 9.260  | 76.9    | ng/ul | 1003930  | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 9.636  | 27.4    | ng/ul | 357526   | 1                     | 8.231  | 260965 | 20.0 |
| (DEL) Alkane: S...  | 9.730  | 3.9     | ng/ul | 181879   | 2                     | 11.075 | 938077 | 20.0 |
| (DEL) Alkane: S...  | 9.806  | 5.0     | ng/ul | 236125   | 2                     | 11.075 | 938077 | 20.0 |
| trans-Decalin, ...  | 9.941  | 6.7     | ng/ul | 314311   | 2                     | 11.075 | 938077 | 20.0 |
| Cyclopentane, 1...  | 10.070 | 12.2    | ng/ul | 573525   | 2                     | 11.075 | 938077 | 20.0 |
| unknown-08          | 10.211 | 8.7     | ng/ul | 405744   | 2                     | 11.075 | 938077 | 20.0 |
| 4-Isopropylcycl...  | 10.605 | 10.8    | ng/ul | 504274   | 2                     | 11.075 | 938077 | 20.0 |
| trans-4-Methylc...  | 10.770 | 13.2    | ng/ul | 621145   | 2                     | 11.075 | 938077 | 20.0 |
| Cyclohexanone, ...  | 11.169 | 36.3    | ng/ul | 1702530  | 2                     | 11.075 | 938077 | 20.0 |
| unknown-09          | 11.956 | 8.9     | ng/ul | 419651   | 2                     | 11.075 | 938077 | 20.0 |
| 2,4-Pentadien-1...  | 12.209 | 8.4     | ng/ul | 392645   | 2                     | 11.075 | 938077 | 20.0 |
| Indole              | 12.568 | 11.1    | ng/ul | 518080   | 2                     | 11.075 | 938077 | 20.0 |
| (DEL) Alkane: C...  | 12.996 | 7.4     | ng/ul | 260560   | 3                     | 14.865 | 707991 | 20.0 |
| unknown-10          | 13.372 | 25.6    | ng/ul | 905042   | 3                     | 14.865 | 707991 | 20.0 |
| Bicyclo[6.1.0]n...  | 13.937 | 14.4    | ng/ul | 511170   | 3                     | 14.865 | 707991 | 20.0 |
| unknown-11          | 14.124 | 8.2     | ng/ul | 289565   | 3                     | 14.865 | 707991 | 20.0 |
| 4-Isopropylphen...  | 14.665 | 19.8    | ng/ul | 699664   | 3                     | 14.865 | 707991 | 20.0 |
| n-Hexadecanoic ...  | 18.437 | 8.8     | ng/ul | 299742   | 4                     | 17.615 | 682329 | 20.0 |
| 1,5,9-Undecatril... | 23.608 | 12.0    | ng/ul | 413473   | 5                     | 21.915 | 688189 | 20.0 |
| (DEL) Alkane: S...  | 25.288 | 3.2     | ng/ul | 128208   | 6                     | 25.394 | 800086 | 20.0 |
| (DEL) Alkane: S...  | 26.504 | 3.4     | ng/ul | 137316   | 6                     | 25.394 | 800086 | 20.0 |