

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
 Data File : BG062749.D  
 Acq On : 12 Sep 2024 00:14  
 Operator : JU/RC  
 Sample : P3877-02DL 10X  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCVX7DL

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-BG090924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG062749.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         | 5.929       | 477           | 483         | 492          | rVB2     | 310346         | 470505        | 2.58%           | 0.928%        |
| 2         | 6.399       | 557           | 563         | 570          | rBV5     | 60351          | 118960        | 0.65%           | 0.235%        |
| 3         | 6.469       | 570           | 575         | 580          | rVV      | 88389          | 123073        | 0.67%           | 0.243%        |
| 4         | 6.551       | 580           | 589         | 592          | rVV3     | 77372          | 168150        | 0.92%           | 0.332%        |
| 5         | 6.810       | 624           | 633         | 638          | rVB5     | 38554          | 98100         | 0.54%           | 0.193%        |
| 6         | 6.904       | 644           | 649         | 654          | rVB2     | 120690         | 197415        | 1.08%           | 0.389%        |
| 7         | 6.957       | 654           | 658         | 662          | rBV      | 132554         | 202813        | 1.11%           | 0.400%        |
| 8         | 6.998       | 662           | 665         | 670          | rVB      | 123960         | 170628        | 0.94%           | 0.336%        |
| 9         | 7.068       | 670           | 677         | 683          | rBV3     | 190385         | 376306        | 2.06%           | 0.742%        |
| 10        | 7.133       | 683           | 688         | 692          | rVB      | 86050          | 128331        | 0.70%           | 0.253%        |
| 11        | 7.298       | 709           | 716         | 719          | rBV2     | 78696          | 144781        | 0.79%           | 0.285%        |
| 12        | 7.421       | 730           | 737         | 743          | rVV4     | 153438         | 289551        | 1.59%           | 0.571%        |
| 13        | 7.533       | 750           | 756         | 765          | rVB2     | 706254         | 1298138       | 7.12%           | 2.559%        |
| 14        | 7.826       | 797           | 806         | 811          | rVV5     | 41933          | 126732        | 0.69%           | 0.250%        |
| 15        | 7.897       | 811           | 818         | 824          | rVV3     | 289193         | 607515        | 3.33%           | 1.198%        |
| 16        | 7.967       | 824           | 830         | 835          | rVV      | 527891         | 861596        | 4.72%           | 1.699%        |
| 17        | 8.020       | 835           | 839         | 847          | rVV3     | 82765          | 148606        | 0.81%           | 0.293%        |
| 18        | 8.120       | 847           | 856         | 861          | rVV2     | 133013         | 277909        | 1.52%           | 0.548%        |
| 19        | 8.197       | 866           | 869         | 876          | rVB4     | 64005          | 111054        | 0.61%           | 0.219%        |
| 20        | 8.326       | 886           | 891         | 896          | rBV2     | 57615          | 110806        | 0.61%           | 0.218%        |
| 21        | 8.437       | 906           | 910         | 916          | rVB2     | 98127          | 186196        | 1.02%           | 0.367%        |
| 22        | 8.496       | 916           | 920         | 924          | rVB      | 73006          | 92766         | 0.51%           | 0.183%        |
| 23        | 8.567       | 924           | 932         | 935          | rBV4     | 134780         | 346335        | 1.90%           | 0.683%        |
| 24        | 8.672       | 944           | 950         | 953          | rBV      | 117750         | 185457        | 1.02%           | 0.366%        |
| 25        | 8.708       | 953           | 956         | 964          | rVB2     | 74169          | 136824        | 0.75%           | 0.270%        |
| 26        | 8.855       | 976           | 981         | 985          | rBV2     | 61644          | 93396         | 0.51%           | 0.184%        |
| 27        | 8.907       | 985           | 990         | 997          | rVB      | 70001          | 125042        | 0.69%           | 0.247%        |
| 28        | 9.007       | 997           | 1007        | 1013         | rBV4     | 106639         | 268869        | 1.47%           | 0.530%        |
| 29        | 9.131       | 1019          | 1028        | 1034         | rVB      | 618419         | 952414        | 5.22%           | 1.878%        |
| 30        | 9.260       | 1040          | 1050        | 1056         | rVB8     | 71087          | 200589        | 1.10%           | 0.395%        |
| 31        | 9.331       | 1056          | 1062        | 1067         | rBV4     | 75318          | 154711        | 0.85%           | 0.305%        |
| 32        | 9.695       | 1116          | 1124        | 1129         | rVB3     | 50341          | 96862         | 0.53%           | 0.191%        |
| 33        | 9.783       | 1129          | 1139        | 1143         | rBV6     | 64901          | 165731        | 0.91%           | 0.327%        |
| 34        | 9.842       | 1143          | 1149        | 1154         | rBV4     | 78847          | 167843        | 0.92%           | 0.331%        |
| 35        | 9.983       | 1164          | 1173        | 1177         | rVB      | 83978          | 182445        | 1.00%           | 0.360%        |
| 36        | 10.130      | 1195          | 1198        | 1201         | rVV      | 65055          | 99275         | 0.54%           | 0.196%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 37 | 10.388 | 1237 | 1242 | 1247 | rBV2 | 59231  | 102589  | 0.56% | 0.202% |
| 38 | 10.688 | 1283 | 1293 | 1300 | rVV2 | 484443 | 1330536 | 7.29% | 2.623% |
| 39 | 10.747 | 1300 | 1303 | 1309 | rVV  | 69878  | 116641  | 0.64% | 0.230% |
| 40 | 10.817 | 1309 | 1315 | 1320 | rVV4 | 136375 | 262805  | 1.44% | 0.518% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 41 | 11.076 | 1353 | 1359 | 1367 | rBV  | 248918 | 419114 | 2.30% | 0.826% |
| 42 | 11.199 | 1372 | 1380 | 1387 | rBV4 | 57978  | 130149 | 0.71% | 0.257% |
| 43 | 11.722 | 1464 | 1469 | 1473 | rBV2 | 108145 | 181469 | 0.99% | 0.358% |
| 44 | 11.792 | 1474 | 1481 | 1489 | rVB  | 230604 | 406594 | 2.23% | 0.802% |
| 45 | 11.957 | 1501 | 1509 | 1519 | rBV  | 155577 | 271766 | 1.49% | 0.536% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 46 | 12.121 | 1530 | 1537 | 1540 | rVV  | 229866 | 382827 | 2.10% | 0.755% |
| 47 | 12.151 | 1540 | 1542 | 1548 | rVV  | 149591 | 205490 | 1.13% | 0.405% |
| 48 | 12.362 | 1571 | 1578 | 1584 | rVB2 | 291014 | 494152 | 2.71% | 0.974% |
| 49 | 12.762 | 1638 | 1646 | 1652 | rBV3 | 61150  | 143582 | 0.79% | 0.283% |
| 50 | 12.938 | 1670 | 1676 | 1685 | rVB5 | 56427  | 127486 | 0.70% | 0.251% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 51 | 13.073 | 1695 | 1699 | 1707 | rVB2 | 70865  | 111498 | 0.61% | 0.220% |
| 52 | 13.279 | 1730 | 1734 | 1739 | rVB  | 67811  | 97026  | 0.53% | 0.191% |
| 53 | 13.361 | 1742 | 1748 | 1755 | rBV  | 277068 | 418765 | 2.30% | 0.826% |
| 54 | 13.490 | 1761 | 1770 | 1779 | rBV2 | 80349  | 207122 | 1.14% | 0.408% |
| 55 | 13.714 | 1799 | 1808 | 1812 | rBV4 | 66420  | 162928 | 0.89% | 0.321% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 56 | 13.790 | 1816 | 1821 | 1826 | rBV  | 130852 | 189695 | 1.04% | 0.374% |
| 57 | 13.855 | 1826 | 1832 | 1834 | rBV3 | 67928  | 117289 | 0.64% | 0.231% |
| 58 | 13.931 | 1843 | 1845 | 1851 | rVB  | 93111  | 125324 | 0.69% | 0.247% |
| 59 | 14.019 | 1851 | 1860 | 1865 | rBV3 | 114512 | 230432 | 1.26% | 0.454% |
| 60 | 14.160 | 1877 | 1884 | 1889 | rBV2 | 128694 | 194462 | 1.07% | 0.383% |

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 61 | 14.225 | 1891 | 1895 | 1898 | rVV  | 72269  | 102369  | 0.56% | 0.202% |
| 62 | 14.284 | 1898 | 1905 | 1911 | rVB7 | 46687  | 130785  | 0.72% | 0.258% |
| 63 | 14.436 | 1926 | 1931 | 1935 | rVB  | 715739 | 922925  | 5.06% | 1.820% |
| 64 | 14.530 | 1940 | 1947 | 1953 | rVV  | 714269 | 1115322 | 6.11% | 2.199% |
| 65 | 14.607 | 1953 | 1960 | 1966 | rVV5 | 91011  | 184683  | 1.01% | 0.364% |

|    |        |      |      |      |      |        |         |       |        |
|----|--------|------|------|------|------|--------|---------|-------|--------|
| 66 | 14.671 | 1966 | 1971 | 1978 | rVV  | 412029 | 589289  | 3.23% | 1.162% |
| 67 | 14.742 | 1978 | 1983 | 1990 | rVB6 | 91168  | 188978  | 1.04% | 0.373% |
| 68 | 14.918 | 2010 | 2013 | 2019 | rVB4 | 71984  | 139060  | 0.76% | 0.274% |
| 69 | 15.065 | 2033 | 2038 | 2041 | rBV5 | 60068  | 130907  | 0.72% | 0.258% |
| 70 | 15.159 | 2048 | 2054 | 2061 | rVV  | 869961 | 1485917 | 8.14% | 2.929% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 71 | 15.218 | 2061 | 2064 | 2069 | rVB3 | 100195 | 132236 | 0.72% | 0.261% |
| 72 | 15.288 | 2071 | 2076 | 2085 | rVV  | 361520 | 589721 | 3.23% | 1.163% |
| 73 | 15.388 | 2089 | 2093 | 2097 | rVB  | 284885 | 381378 | 2.09% | 0.752% |
| 74 | 15.523 | 2112 | 2116 | 2121 | rVB  | 122814 | 168911 | 0.93% | 0.333% |
| 75 | 15.629 | 2128 | 2134 | 2138 | rBV  | 119857 | 189271 | 1.04% | 0.373% |

|    |        |      |      |      |     |        |        |       |        |
|----|--------|------|------|------|-----|--------|--------|-------|--------|
| 76 | 15.794 | 2157 | 2162 | 2167 | rVB | 103743 | 154558 | 0.85% | 0.305% |
|----|--------|------|------|------|-----|--------|--------|-------|--------|

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Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |          |          |         |         |
|-----|--------|------|------|------|------|----------|----------|---------|---------|
| 77  | 15.888 | 2174 | 2178 | 2183 | rVB5 | 94618    | 147249   | 0.81%   | 0.290%  |
| 78  | 16.158 | 2220 | 2224 | 2229 | rVB2 | 140313   | 216654   | 1.19%   | 0.427%  |
| 79  | 16.246 | 2235 | 2239 | 2242 | rBV  | 306109   | 415126   | 2.28%   | 0.818%  |
| 80  | 16.593 | 2290 | 2298 | 2301 | rBV3 | 118735   | 203726   | 1.12%   | 0.402%  |
| 81  | 16.945 | 2349 | 2358 | 2368 | rBV  | 10582431 | 18244467 | 100.00% | 35.968% |
| 82  | 17.039 | 2370 | 2374 | 2378 | rVV  | 276687   | 392089   | 2.15%   | 0.773%  |
| 83  | 17.092 | 2379 | 2383 | 2394 | rVB2 | 158480   | 285210   | 1.56%   | 0.562%  |
| 84  | 17.280 | 2409 | 2415 | 2421 | rBV  | 1077061  | 1608345  | 8.82%   | 3.171%  |
| 85  | 17.374 | 2426 | 2431 | 2435 | rVV2 | 231689   | 359507   | 1.97%   | 0.709%  |
| 86  | 17.415 | 2435 | 2438 | 2443 | rVB2 | 112507   | 143609   | 0.79%   | 0.283%  |
| 87  | 17.568 | 2459 | 2464 | 2472 | rVB4 | 135814   | 242948   | 1.33%   | 0.479%  |
| 88  | 17.779 | 2495 | 2500 | 2505 | rVB  | 241780   | 319920   | 1.75%   | 0.631%  |
| 89  | 17.950 | 2525 | 2529 | 2534 | rVB  | 85793    | 103115   | 0.57%   | 0.203%  |
| 90  | 18.467 | 2613 | 2617 | 2623 | rVB  | 154017   | 199150   | 1.09%   | 0.393%  |
| 91  | 19.101 | 2721 | 2725 | 2727 | rBV  | 111284   | 157320   | 0.86%   | 0.310%  |
| 92  | 19.665 | 2816 | 2821 | 2828 | rBV2 | 205166   | 384247   | 2.11%   | 0.758%  |
| 93  | 20.212 | 2910 | 2914 | 2925 | rVB3 | 99647    | 214316   | 1.17%   | 0.423%  |
| 94  | 20.705 | 2993 | 2998 | 3003 | rBV  | 84432    | 103299   | 0.57%   | 0.204%  |
| 95  | 21.193 | 3077 | 3081 | 3087 | rVB2 | 152693   | 189015   | 1.04%   | 0.373%  |
| 96  | 21.522 | 3130 | 3137 | 3144 | rBV2 | 1155181  | 1795209  | 9.84%   | 3.539%  |
| 97  | 22.180 | 3245 | 3249 | 3255 | rVB4 | 58266    | 92445    | 0.51%   | 0.182%  |
| 98  | 22.298 | 3265 | 3269 | 3275 | rVB2 | 77336    | 136400   | 0.75%   | 0.269%  |
| 99  | 24.372 | 3614 | 3622 | 3631 | rBV2 | 98243    | 257677   | 1.41%   | 0.508%  |
| 100 | 24.589 | 3648 | 3659 | 3672 | rBB  | 703507   | 1990938  | 10.91%  | 3.925%  |

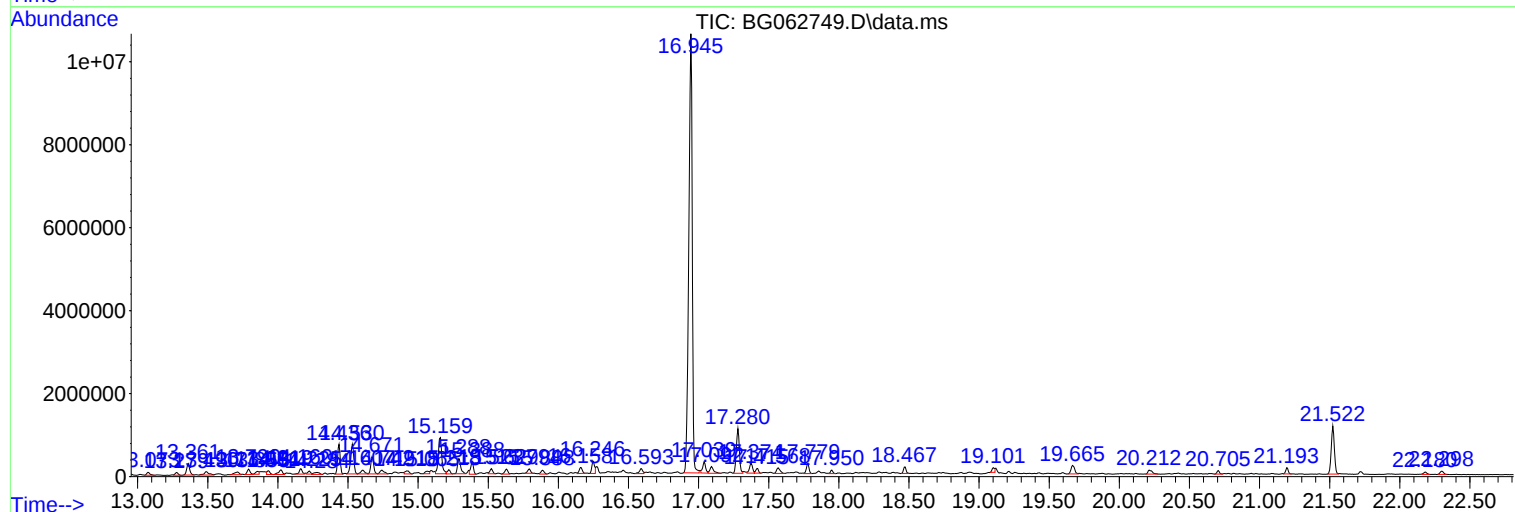
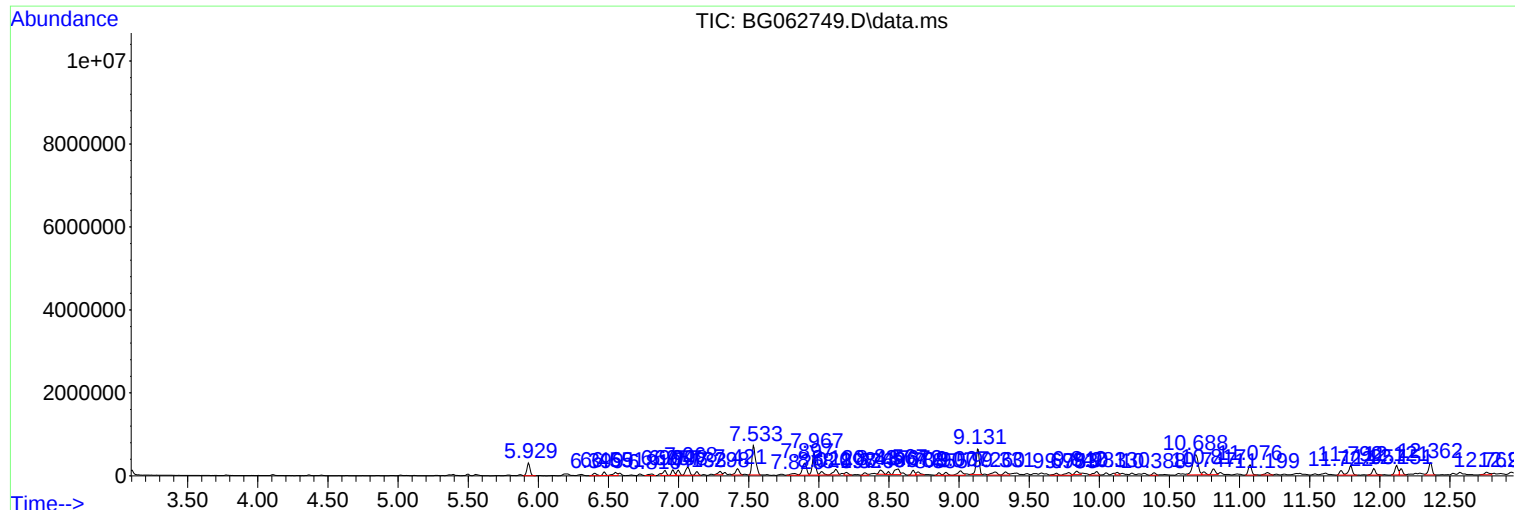
Sum of corrected areas: 50723756

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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



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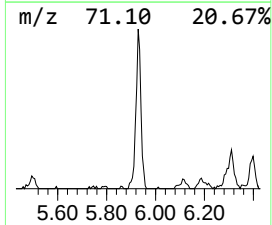
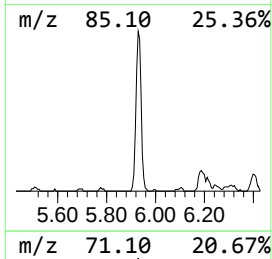
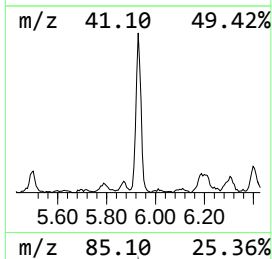
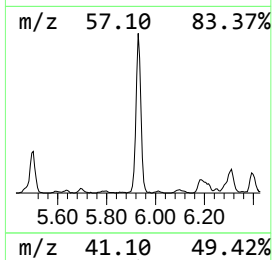
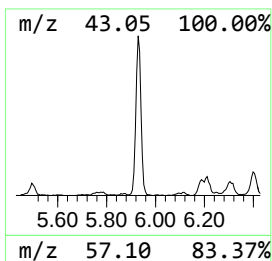
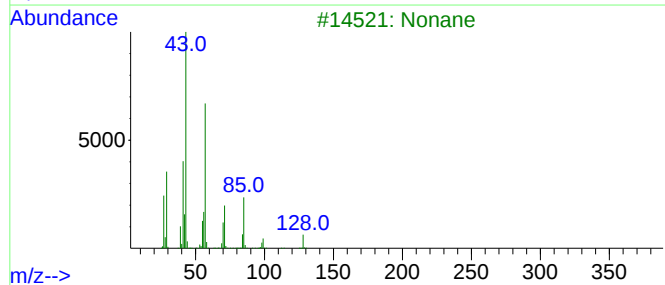
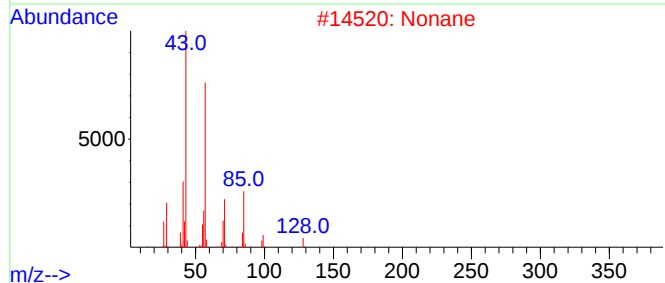
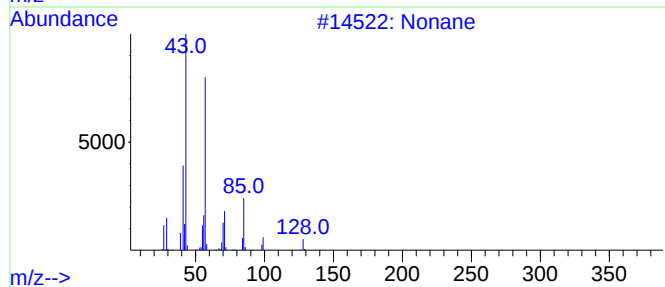
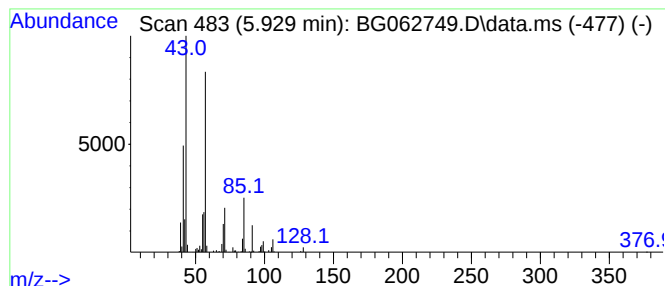
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.      | EstConc                  | Area   | Relative to ISTD       |         |             | R.T.  |
|-----------|--------------------------|--------|------------------------|---------|-------------|-------|
| 5.929     | 15.49 ng/ul              | 470505 | 1,4-Dichlorobenzene-d4 |         |             | 7.903 |
| Hit# of 5 | Tentative ID             |        | MW                     | MolForm | CAS#        | Qual  |
| 1         | Nonane                   |        | 128                    | C9H20   | 000111-84-2 | 87    |
| 2         | Nonane                   |        | 128                    | C9H20   | 000111-84-2 | 80    |
| 3         | Nonane                   |        | 128                    | C9H20   | 000111-84-2 | 80    |
| 4         | Nonane                   |        | 128                    | C9H20   | 000111-84-2 | 72    |
| 5         | Octane, 2,4,6-trimethyl- |        | 156                    | C11H24  | 062016-37-9 | 64    |



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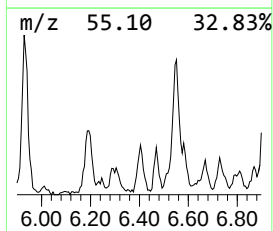
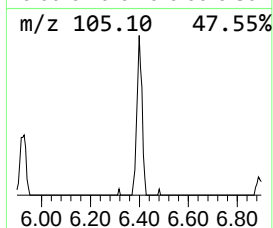
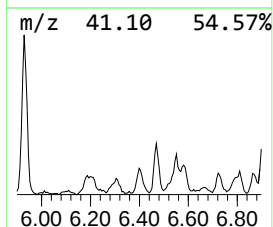
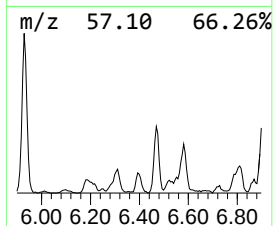
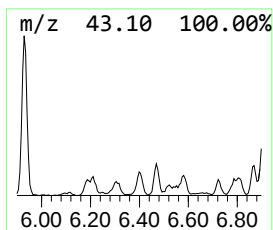
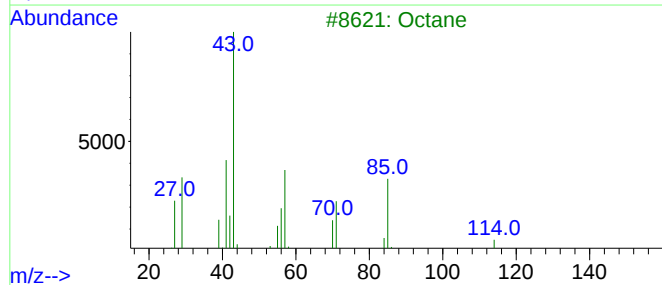
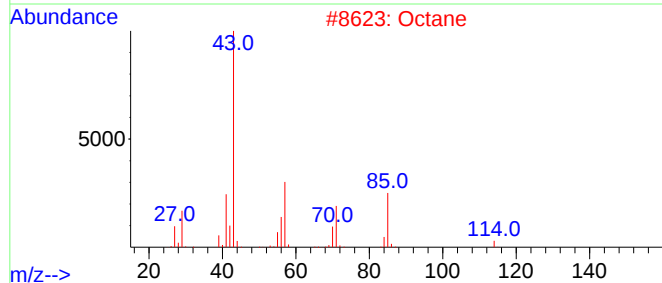
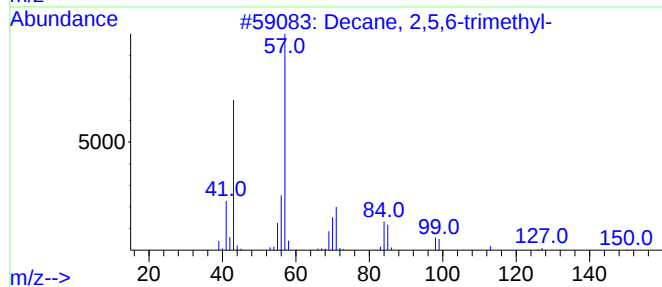
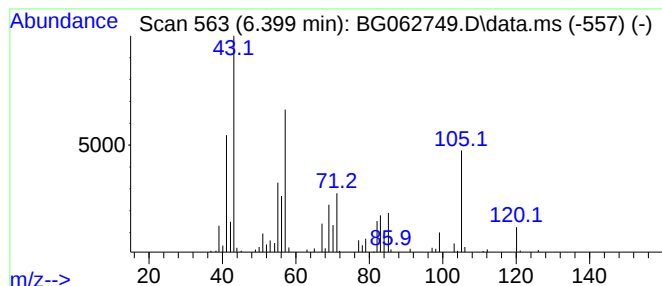
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BNA\_G  
ClientSampleId :  
DCVX7DL

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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T.      | EstConc                  | Area   | Relative to ISTD       | R.T.        |      |
|-----------|--------------------------|--------|------------------------|-------------|------|
| 6.399     | 3.92 ng/ul               | 118960 | 1,4-Dichlorobenzene-d4 | 7.903       |      |
| Hit# of 5 | Tentative ID             | MW     | MolForm                | CAS#        | Qual |
| 1         | Decane, 2,5,6-trimethyl- | 184    | C13H28                 | 062108-23-0 | 38   |
| 2         | Octane                   | 114    | C8H18                  | 000111-65-9 | 38   |
| 3         | Octane                   | 114    | C8H18                  | 000111-65-9 | 38   |
| 4         | Octane                   | 114    | C8H18                  | 000111-65-9 | 38   |
| 5         | Octane                   | 114    | C8H18                  | 000111-65-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

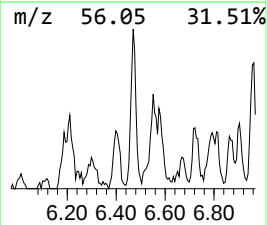
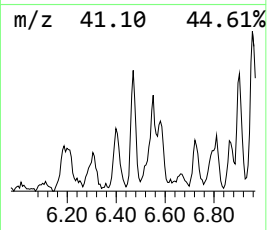
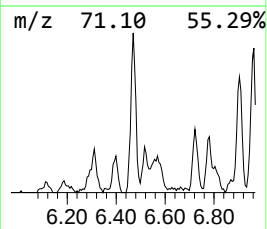
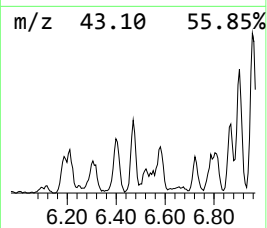
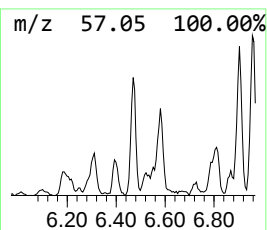
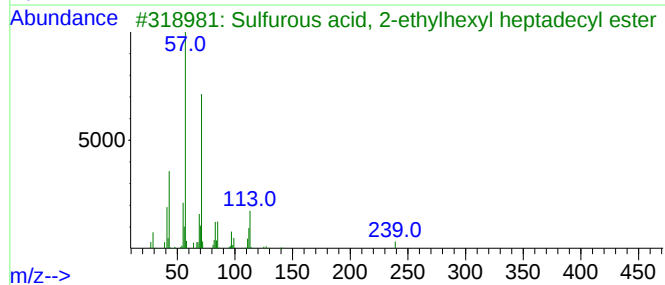
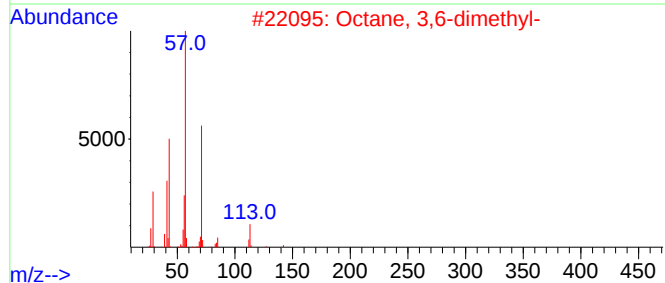
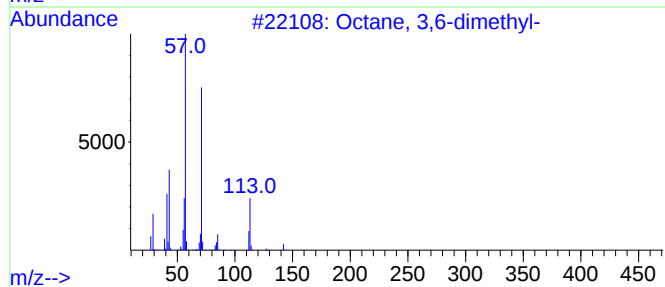
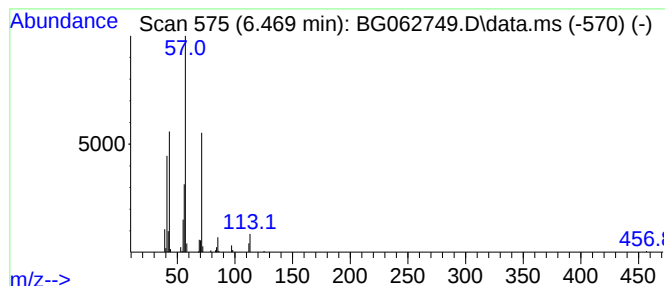
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.469 | 4.05 ng/ul | 123073 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 72   |
| 2    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 72   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 72   |
| 4    |    |   | Dodecane, 3-methyl-                 | 184 | C13H28    | 017312-57-1  | 59   |
| 5    |    |   | Butane, 2,2-dimethyl-               | 86  | C6H14     | 000075-83-2  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

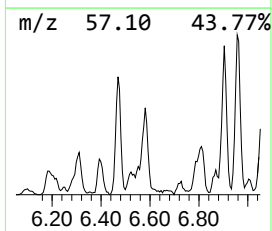
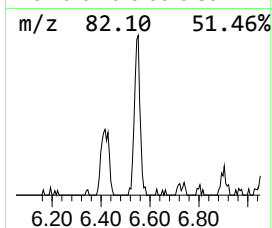
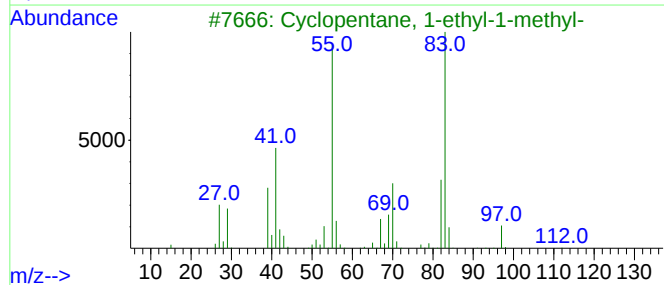
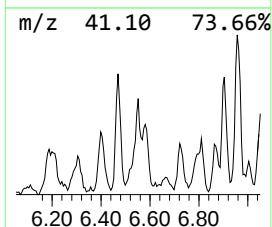
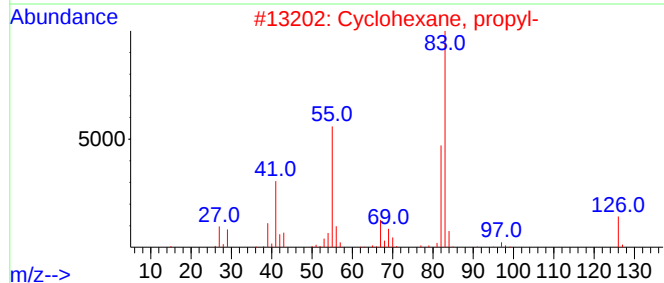
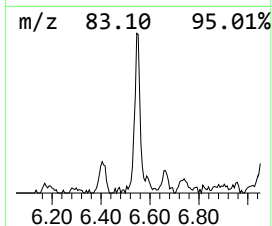
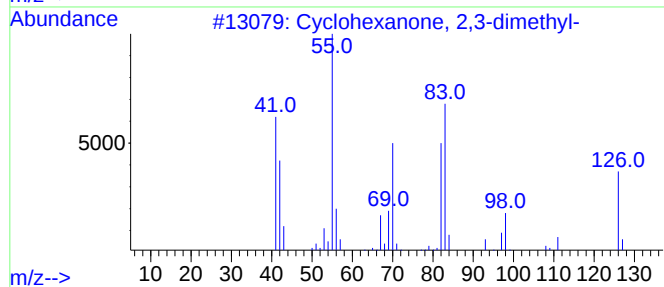
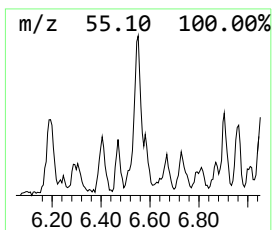
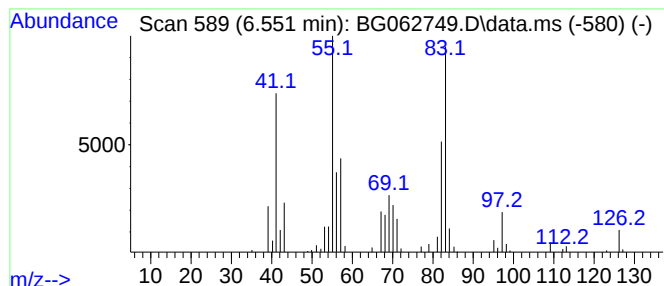
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Cyclohexanone, 2,3-dimethyl- Concentration Rank 21

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.551 | 5.54 ng/ul | 168150 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclohexanone, 2,3-dimethyl-    | 126 | C8H14O   | 013395-76-1 | 72   |
| 2    |    |   | Cyclohexane, propyl-            | 126 | C9H18    | 001678-92-8 | 53   |
| 3    |    |   | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16    | 016747-50-5 | 53   |
| 4    |    |   | Cyclohexane, propyl-            | 126 | C9H18    | 001678-92-8 | 50   |
| 5    |    |   | Cyclohexane, nitro-             | 129 | C6H11NO2 | 001122-60-7 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

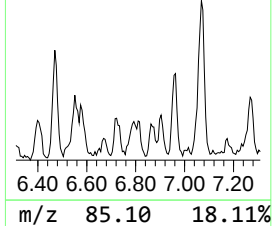
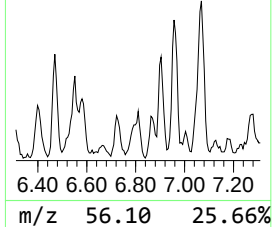
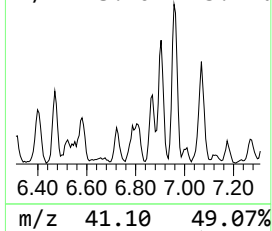
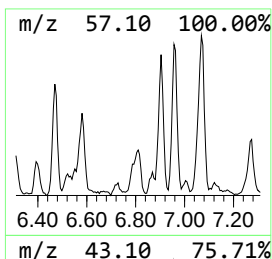
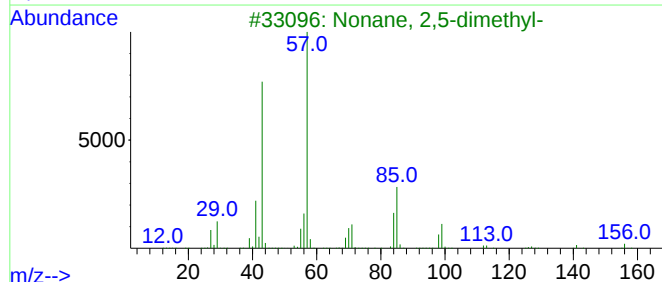
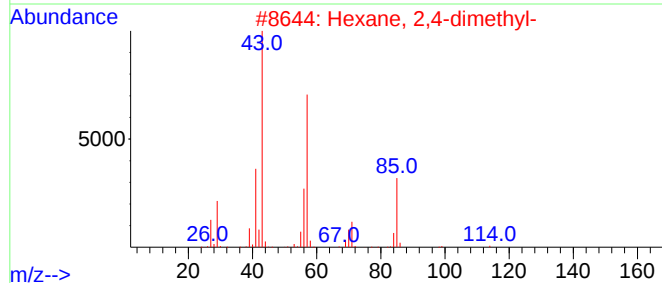
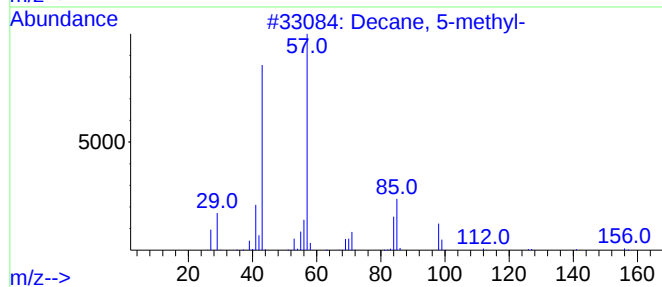
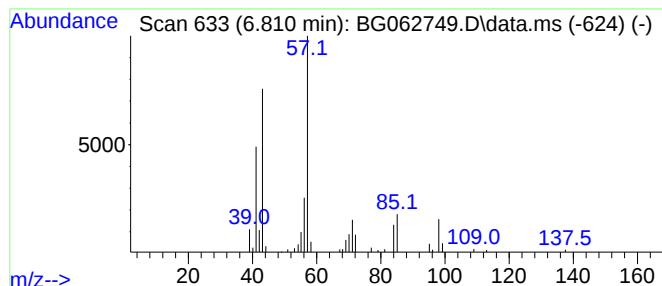
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.810 | 3.23 ng/ul | 98100 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 5-methyl-        | 156 | C11H24  | 013151-35-4 | 59   |
| 2    |    |   | Hexane, 2,4-dimethyl-    | 114 | C8H18   | 000589-43-5 | 53   |
| 3    |    |   | Nonane, 2,5-dimethyl-    | 156 | C11H24  | 017302-27-1 | 53   |
| 4    |    |   | Decane, 2,6,6-trimethyl- | 184 | C13H28  | 062108-24-1 | 50   |
| 5    |    |   | Octane, 2,3-dimethyl-    | 142 | C10H22  | 007146-60-3 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

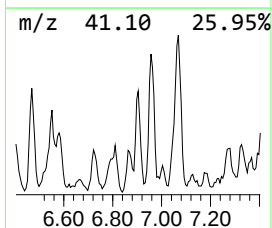
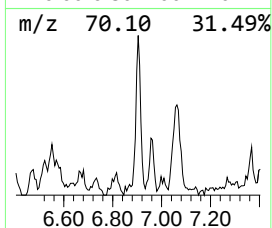
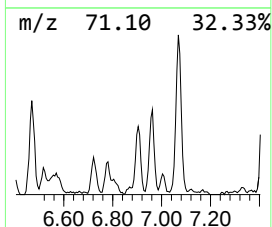
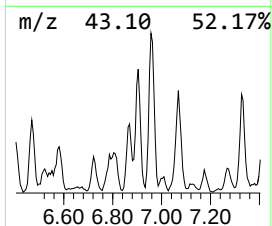
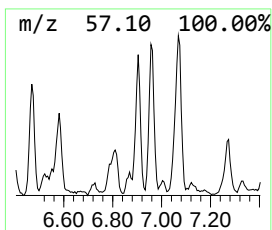
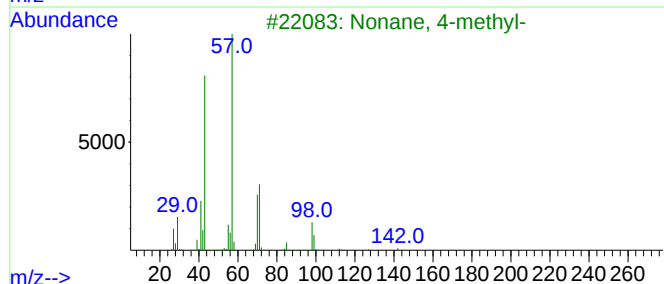
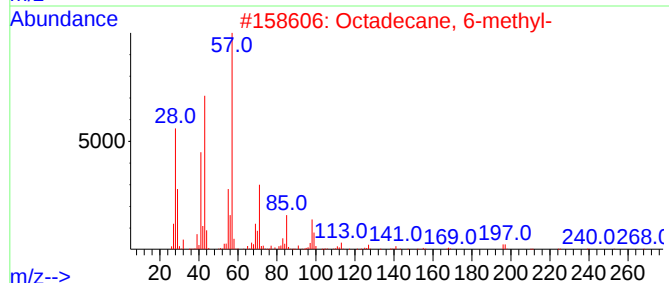
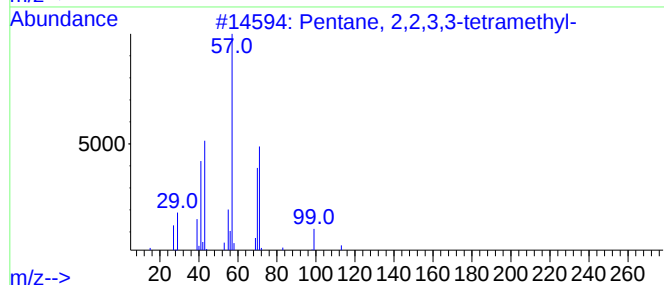
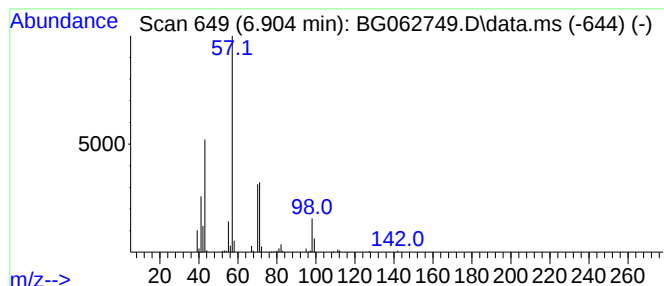
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.904 | 6.50 ng/ul | 197415 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20   | 007154-79-2 | 53   |
| 2    |    |   | Octadecane, 6-methyl-         | 268 | C19H40  | 010544-96-4 | 53   |
| 3    |    |   | Nonane, 4-methyl-             | 142 | C10H22  | 017301-94-9 | 50   |
| 4    |    |   | Dodecane, 6-methyl-           | 184 | C13H28  | 006044-71-9 | 50   |
| 5    |    |   | Undecane, 2,6-dimethyl-       | 184 | C13H28  | 017301-23-4 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

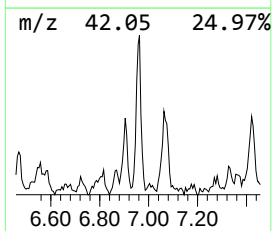
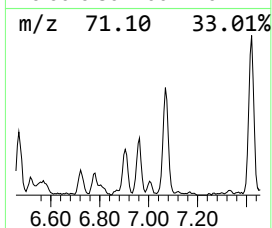
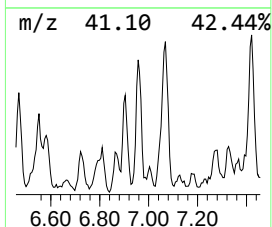
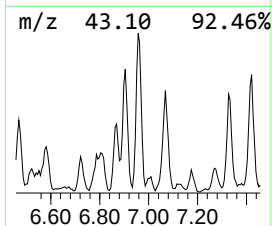
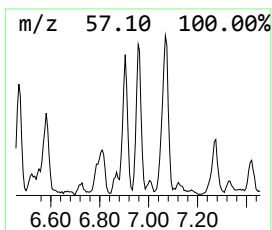
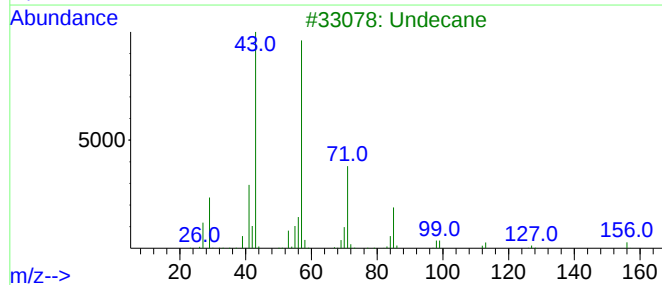
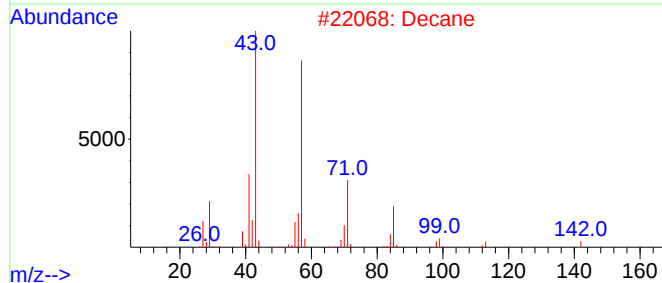
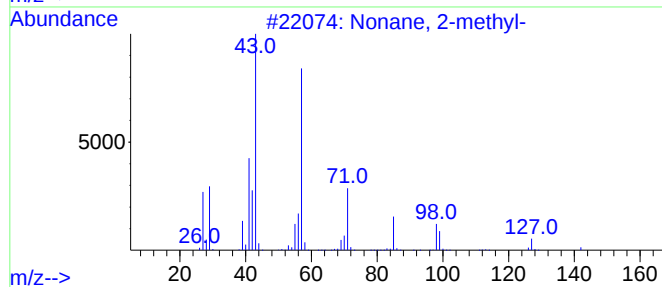
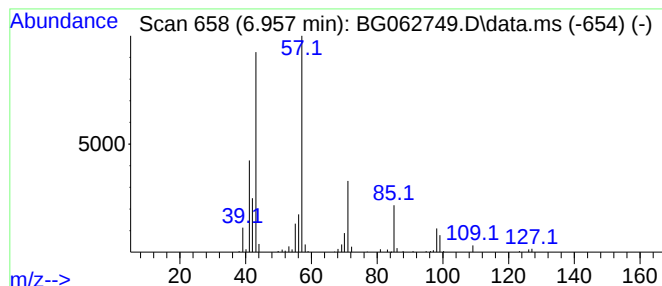
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BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.      | EstConc                | Area   | Relative to ISTD       |         | R.T.        |      |
|-----------|------------------------|--------|------------------------|---------|-------------|------|
| 6.957     | 6.68 ng/ul             | 202813 | 1,4-Dichlorobenzene-d4 |         | 7.903       |      |
| Hit# of 5 | Tentative ID           |        | MW                     | MolForm | CAS#        | Qual |
| 1         | Nonane, 2-methyl-      |        | 142                    | C10H22  | 000871-83-0 | 83   |
| 2         | Decane                 |        | 142                    | C10H22  | 000124-18-5 | 64   |
| 3         | Undecane               |        | 156                    | C11H24  | 001120-21-4 | 59   |
| 4         | Heptane, 2,6-dimethyl- |        | 128                    | C9H20   | 001072-05-5 | 59   |
| 5         | Octane, 2-methyl-      |        | 128                    | C9H20   | 003221-61-2 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

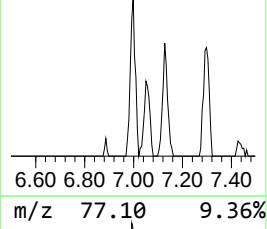
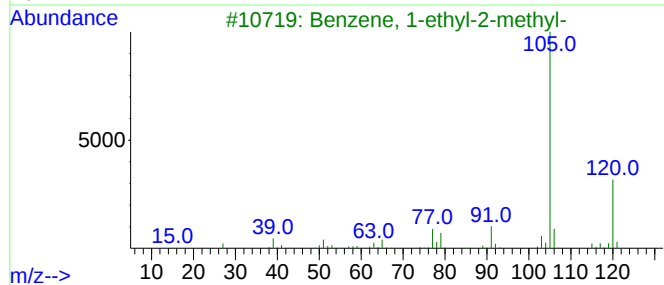
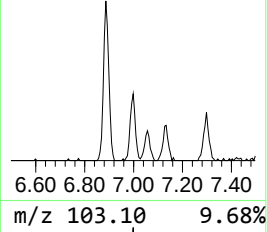
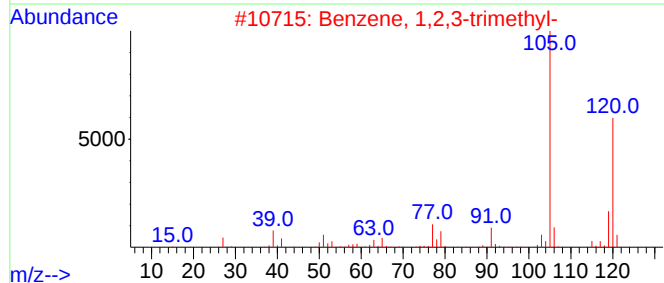
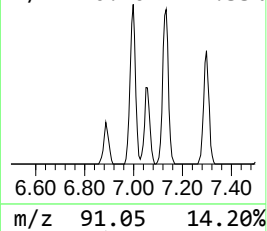
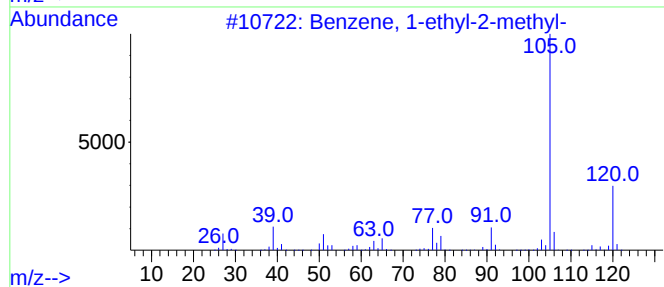
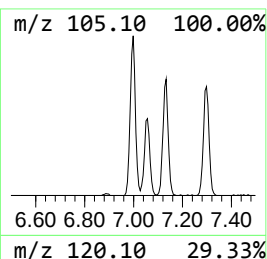
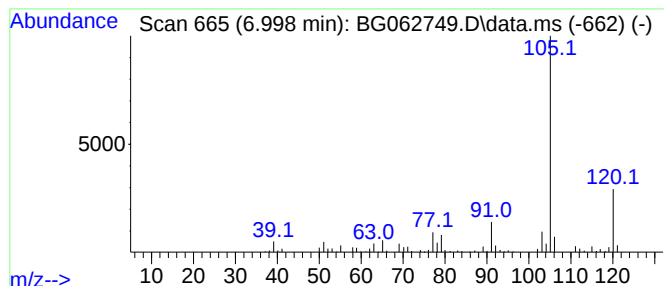
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.998 | 5.62 ng/ul | 170628 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

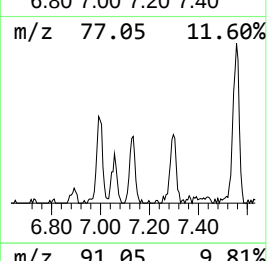
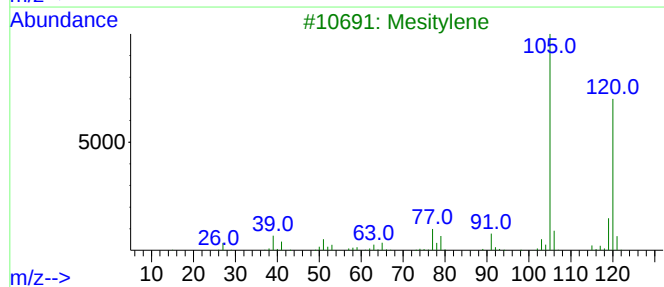
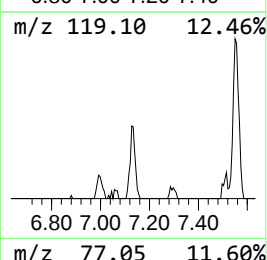
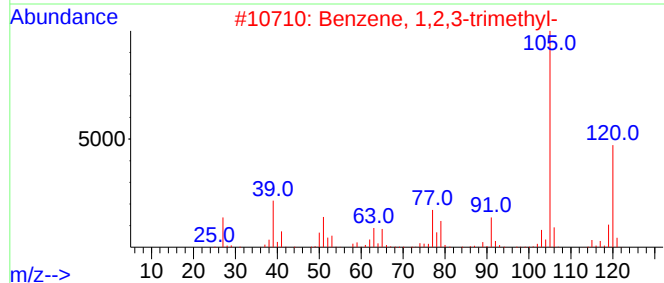
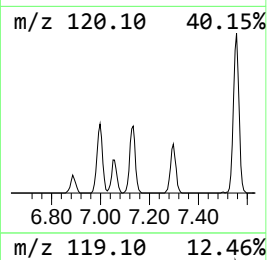
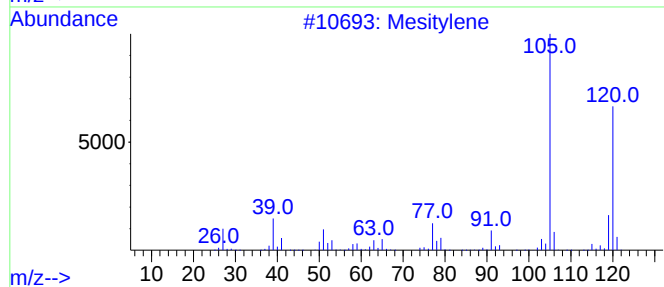
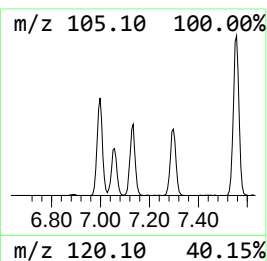
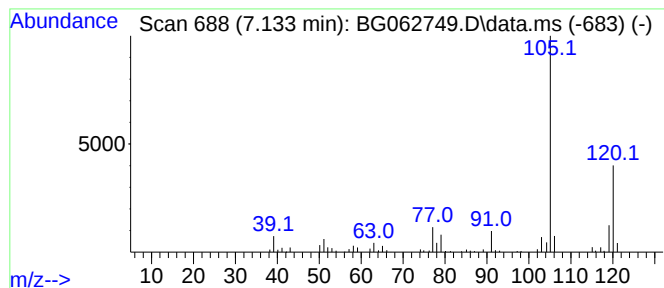
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Mesitylene Concentration Rank 27

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.133 | 4.22 ng/ul | 128331 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |
| 2    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 91   |
| 3    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

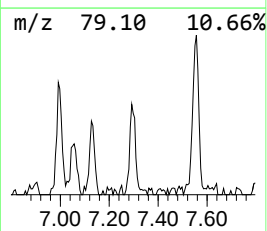
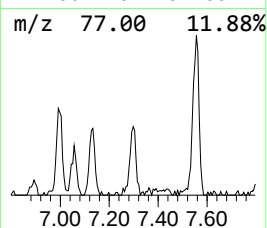
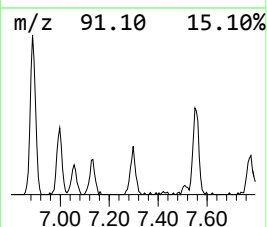
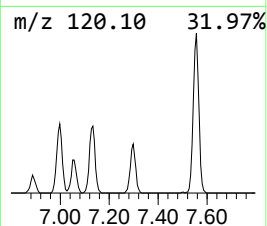
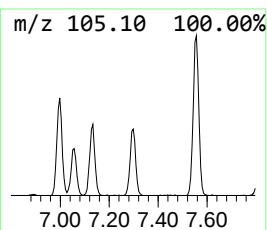
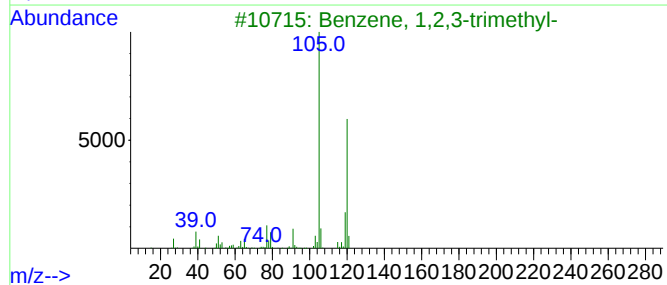
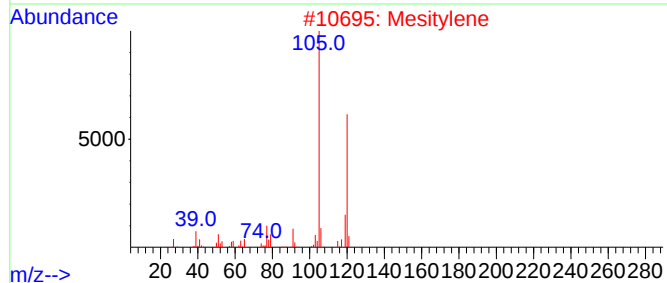
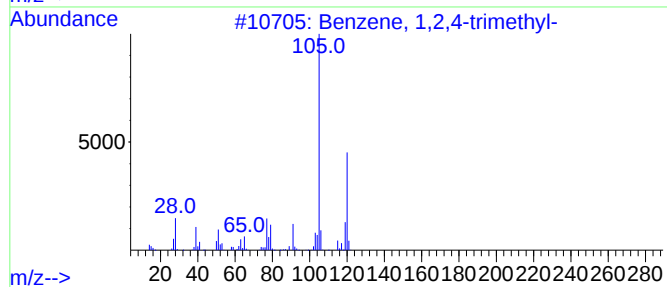
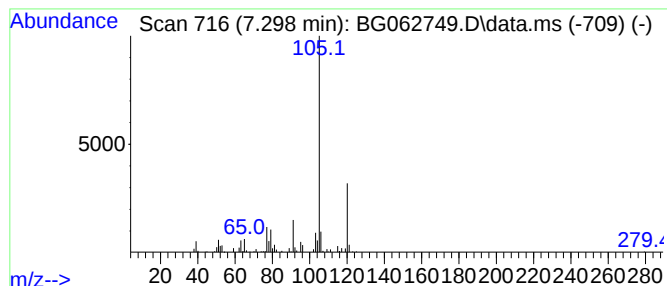
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 25

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.298 | 4.77 ng/ul | 144781 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 93   |
| 2    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 90   |
| 4    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 90   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

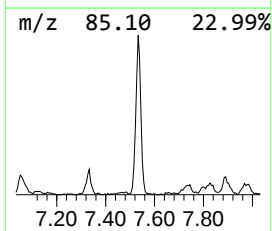
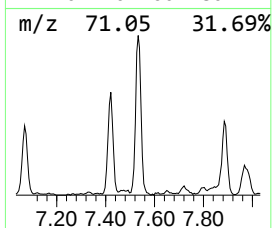
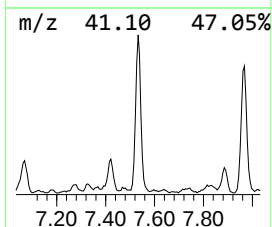
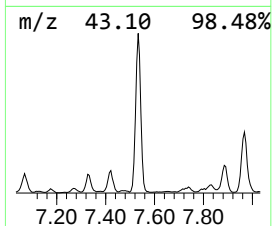
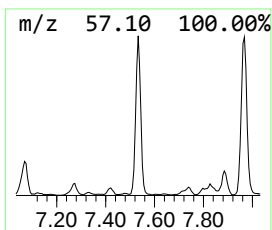
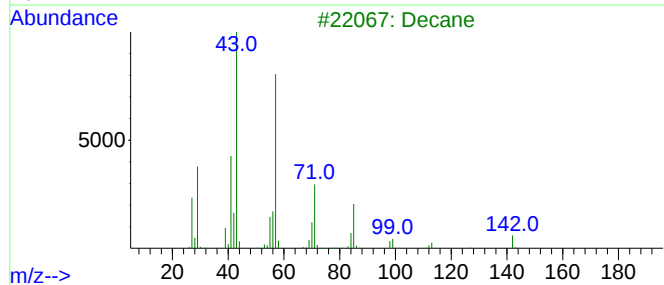
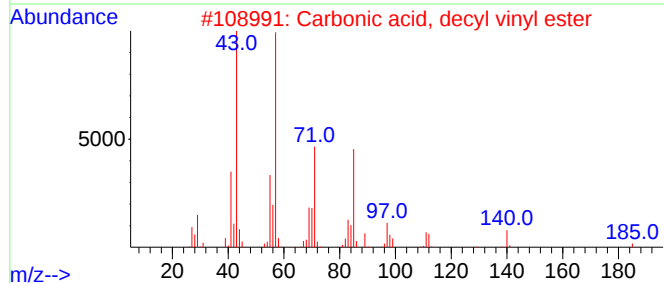
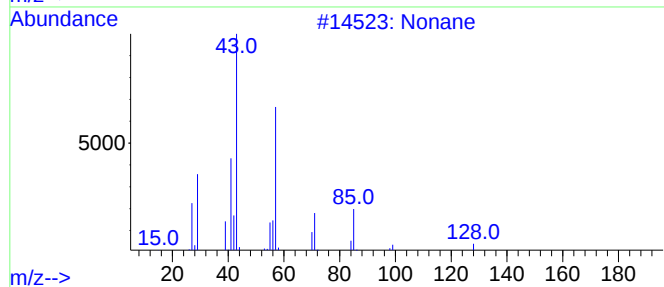
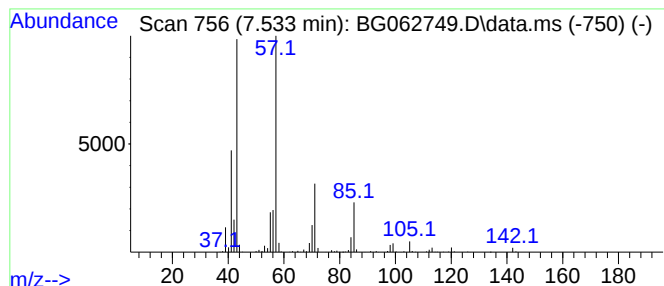
Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|---------|------------------------|--------------|------|
| 7.533     | 42.74 ng/ul                         | 1298140 | 1,4-Dichlorobenzene-d4 | 7.903        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#         | Qual |
| 1         | Nonane                              | 128     | C9H20                  | 000111-84-2  | 83   |
| 2         | Carbonic acid, decyl vinyl ester    | 228     | C13H24O3               | 1000383-25-7 | 83   |
| 3         | Decane                              | 142     | C10H22                 | 000124-18-5  | 78   |
| 4         | Decane                              | 142     | C10H22                 | 000124-18-5  | 78   |
| 5         | Carbonic acid, prop-1-en-2-yl te... | 298     | C18H34O3               | 1000382-90-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

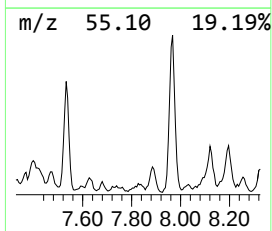
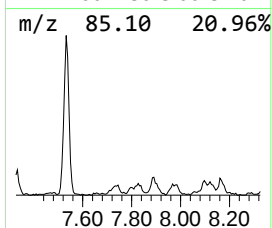
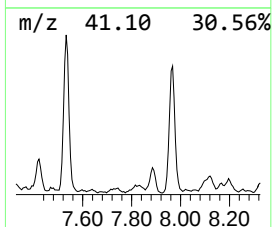
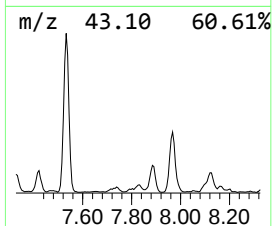
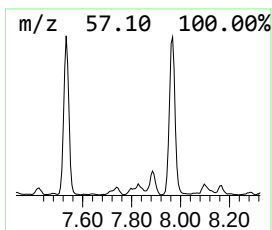
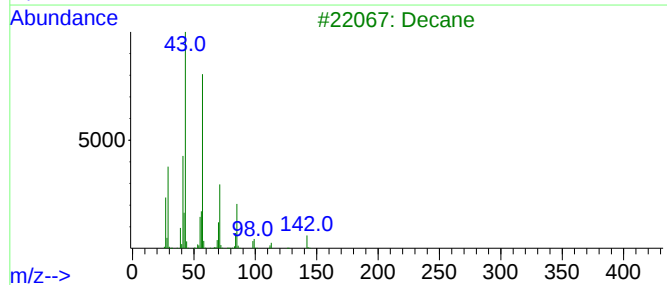
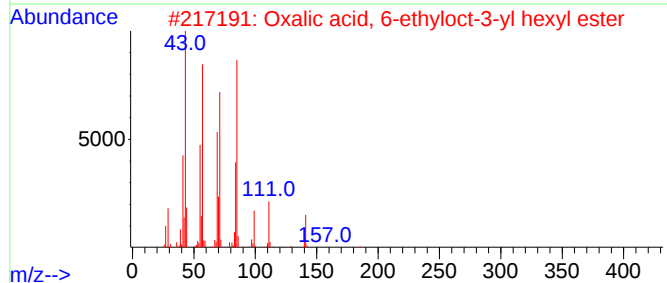
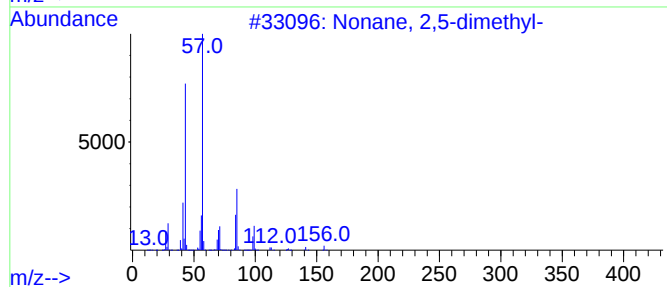
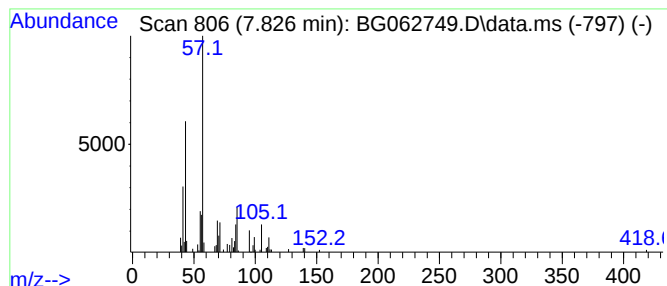
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.826 | 4.17 ng/ul | 126732 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane, 2,5-dimethyl-               | 156 | C11H24   | 017302-27-1  | 53   |
| 2    |    |   | Oxalic acid, 6-ethyloct-3-yl hex... | 314 | C18H34O4 | 1000309-34-4 | 47   |
| 3    |    |   | Decane                              | 142 | C10H22   | 000124-18-5  | 47   |
| 4    |    |   | Oxalic acid, butyl 6-ethyloct-3-... | 286 | C16H30O4 | 1000309-34-2 | 43   |
| 5    |    |   | Oxalic acid, hexyl tetradecyl ester | 370 | C22H42O4 | 1000309-24-8 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

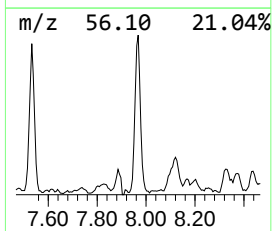
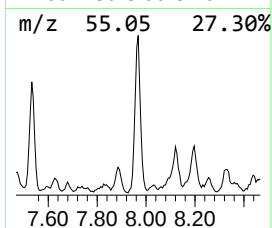
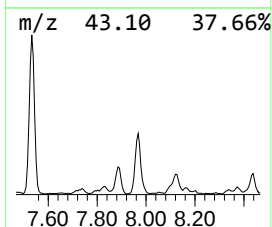
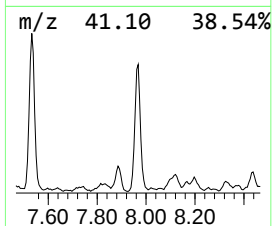
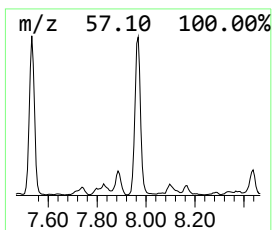
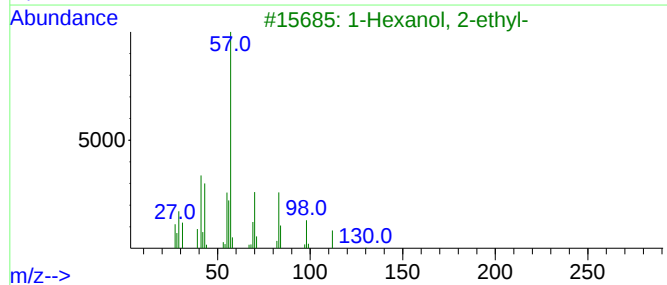
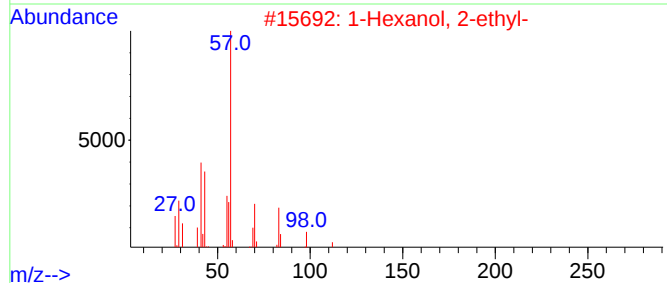
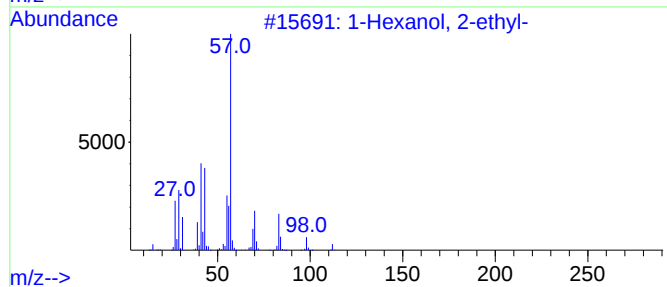
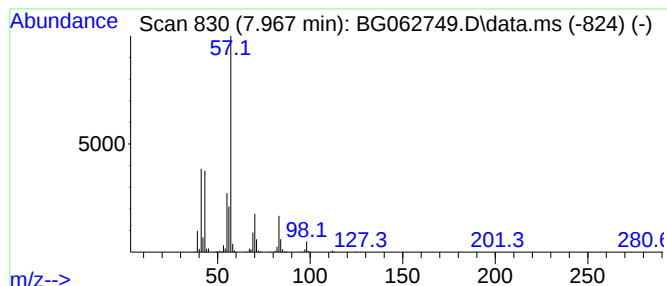
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.967 | 28.36 ng/ul | 861596 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of                      | 5 | Tentative ID | MW     | MolForm     | CAS# | Qual |
|------|-------------------------|---|--------------|--------|-------------|------|------|
| 1    | 1-Hexanol, 2-ethyl-     |   | 130          | C8H18O | 000104-76-7 | 83   |      |
| 2    | 1-Hexanol, 2-ethyl-     |   | 130          | C8H18O | 000104-76-7 | 78   |      |
| 3    | 1-Hexanol, 2-ethyl-     |   | 130          | C8H18O | 000104-76-7 | 74   |      |
| 4    | 1-Hexanol, 2-ethyl-     |   | 130          | C8H18O | 000104-76-7 | 64   |      |
| 5    | 1-Hexene, 5,5-dimethyl- |   | 112          | C8H16  | 007116-86-1 | 59   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

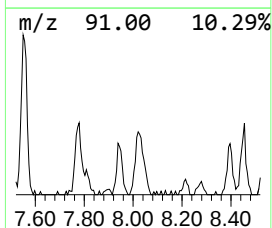
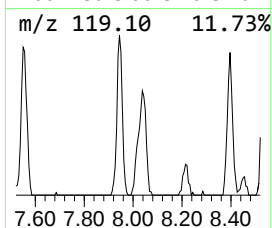
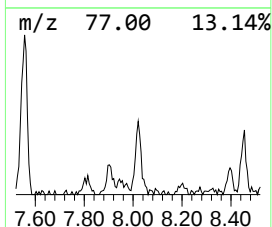
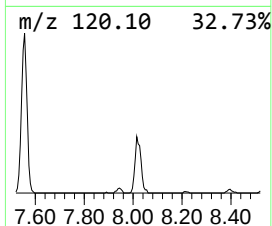
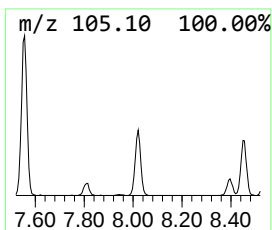
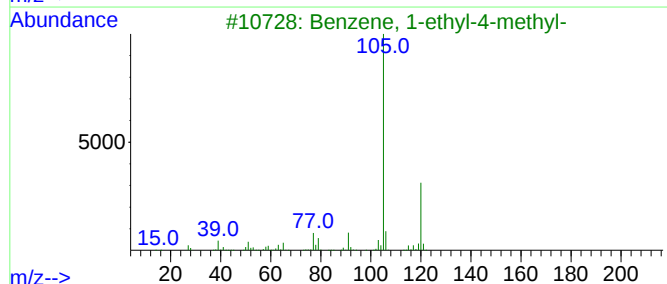
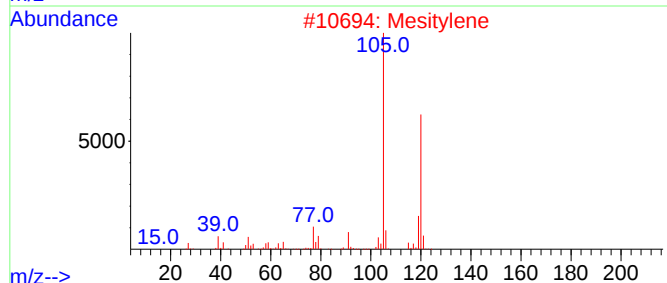
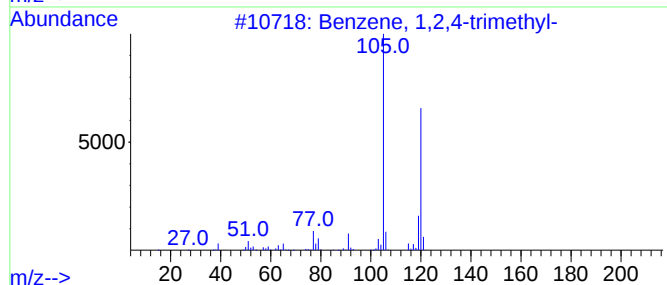
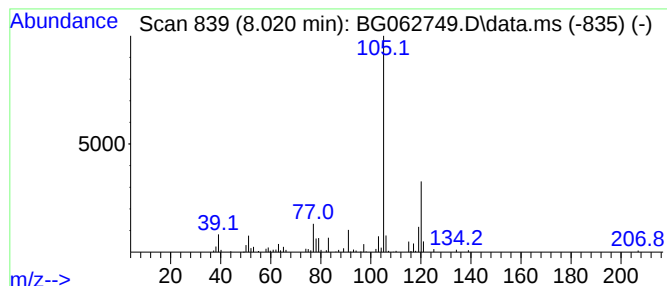
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 23

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.020 | 4.89 ng/ul | 148606 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 90   |
| 2    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 90   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 87   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 87   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

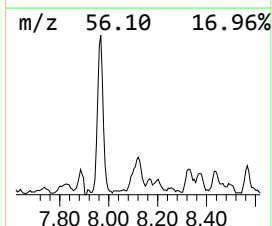
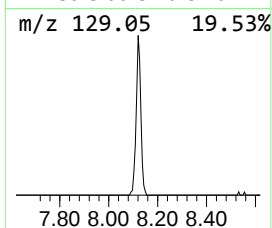
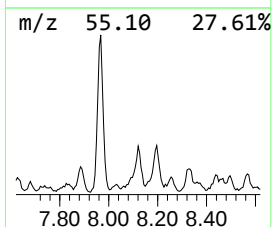
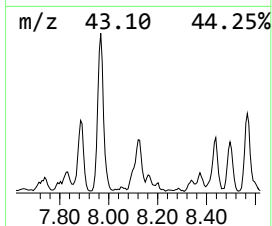
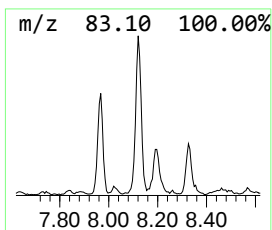
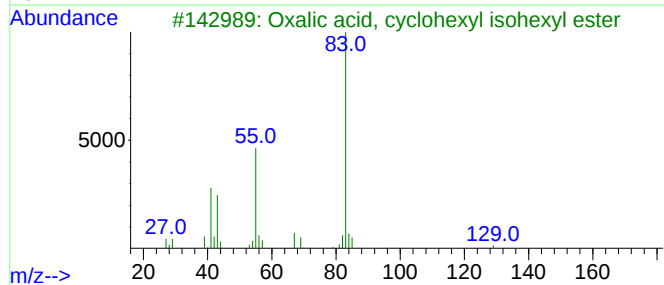
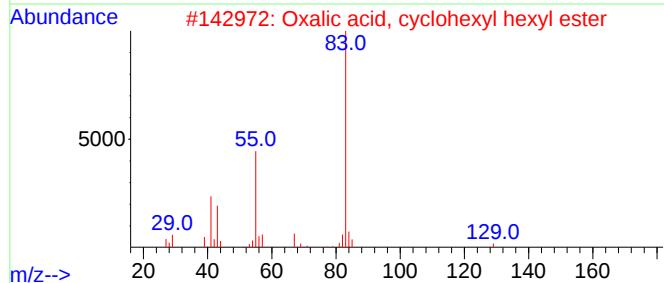
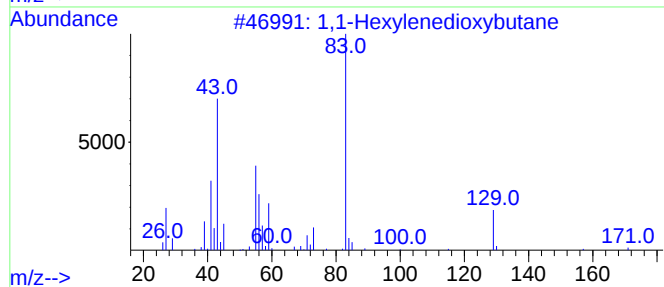
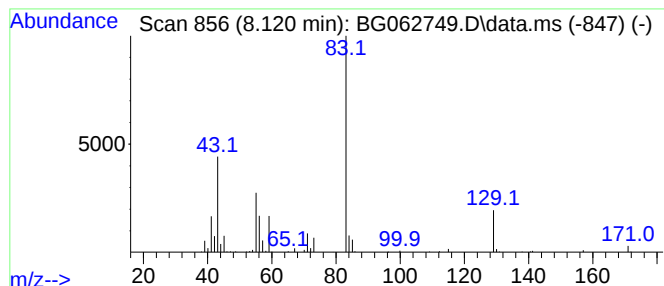
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 15 1,1-Hexylenedioxybutane Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.120 | 9.15 ng/ul | 277909 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1,1-Hexylenedioxybutane             | 172 | C10H20O2 | 1000249-77-4 | 74   |
| 2    |    |   | Oxalic acid, cyclohexyl hexyl ester | 256 | C14H24O4 | 1000309-30-8 | 50   |
| 3    |    |   | Oxalic acid, cyclohexyl isohexyl... | 256 | C14H24O4 | 1010309-30-7 | 50   |
| 4    |    |   | Oxalic acid, cyclohexyl nonyl ester | 298 | C17H30O4 | 1000309-31-1 | 50   |
| 5    |    |   | Hexanal ethyl trans-2-hexenyl ac... | 228 | C14H28O2 | 1000431-42-6 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

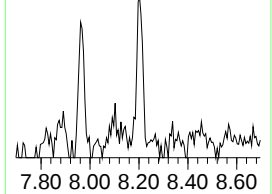
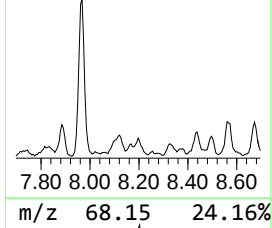
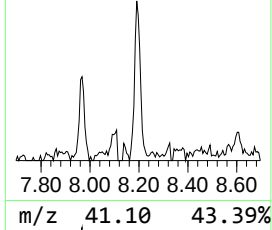
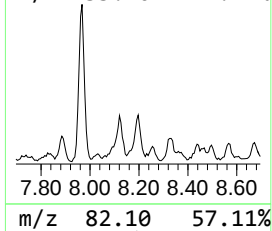
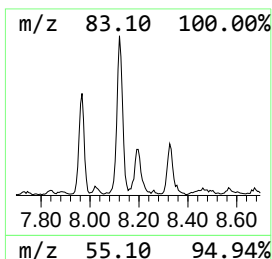
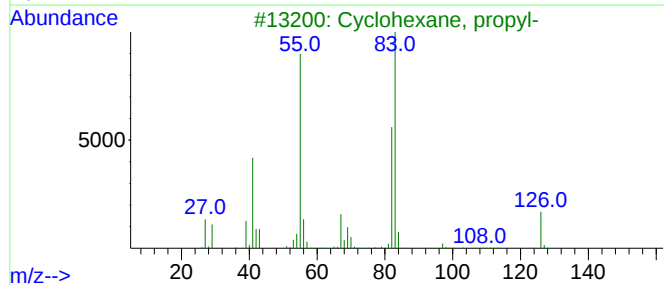
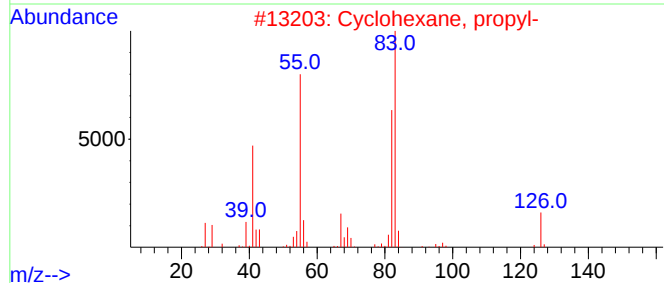
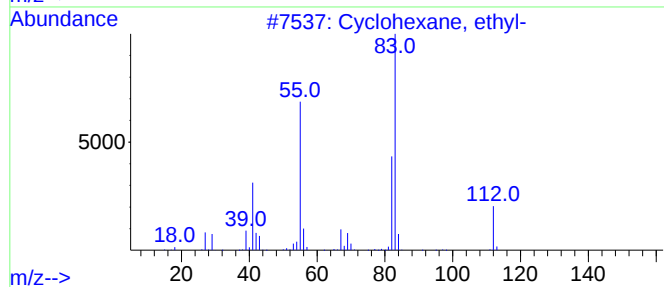
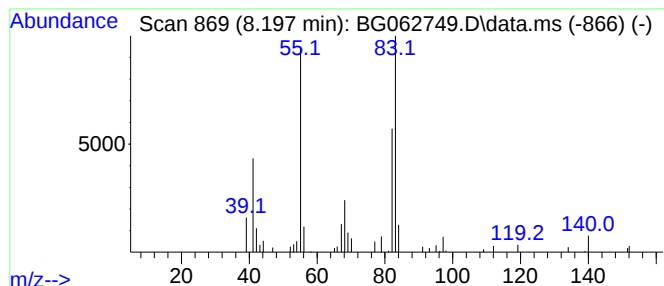
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 (DEL) Alkane: Cyclic8.197 Concentration Rank 36

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.197 | 3.66 ng/ul | 111054 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, ethyl-   | 112 | C8H16   | 001678-91-7 | 72   |
| 2    |    |   | Cyclohexane, propyl-  | 126 | C9H18   | 001678-92-8 | 72   |
| 3    |    |   | Cyclohexane, propyl-  | 126 | C9H18   | 001678-92-8 | 64   |
| 4    |    |   | Cyclohexane, undecyl- | 238 | C17H34  | 054105-66-7 | 64   |
| 5    |    |   | Cyclohexane, ethyl-   | 112 | C8H16   | 001678-91-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

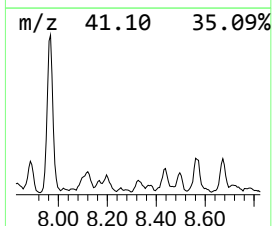
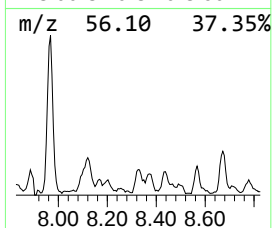
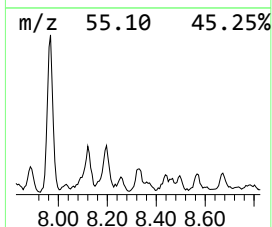
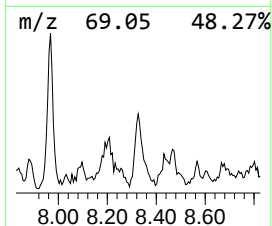
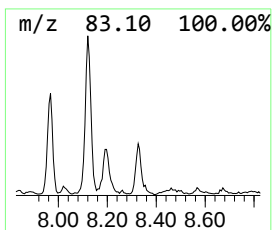
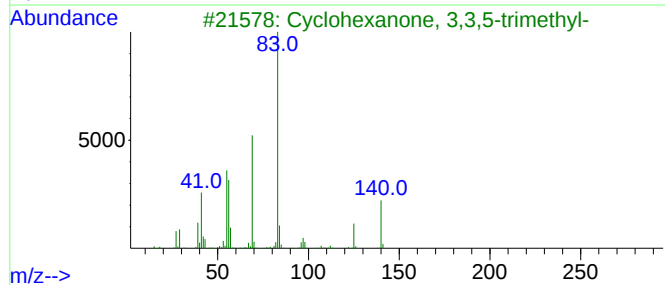
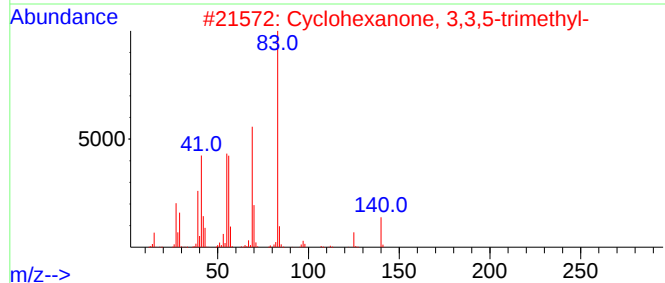
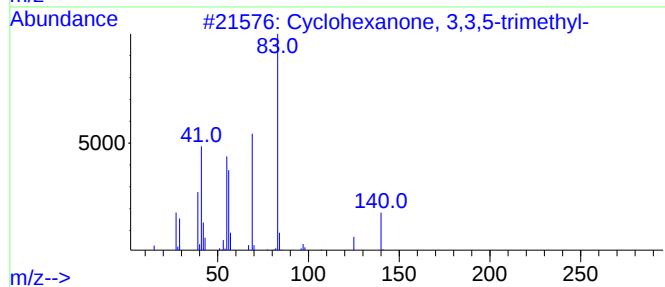
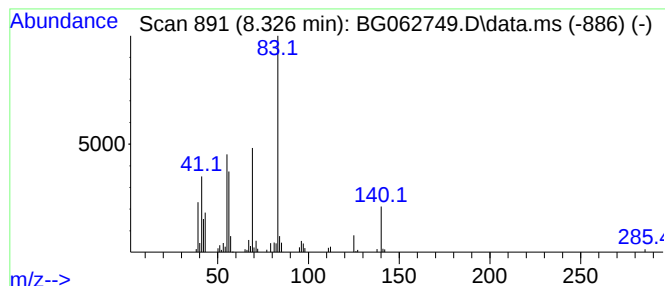
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Peak Number 17 Cyclohexanone, 3,3,5-trimet... Concentration Rank 37

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.326 | 3.65 ng/ul | 110806 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Cyclohexanone, 3,3,5-trimethyl-     | 140 | C9H16O   | 000873-94-9  | 91   |
| 2    |      | Cyclohexanone, 3,3,5-trimethyl-     | 140 | C9H16O   | 000873-94-9  | 78   |
| 3    |      | Cyclohexanone, 3,3,5-trimethyl-     | 140 | C9H16O   | 000873-94-9  | 58   |
| 4    |      | 1-Methyl-1H-1,2,4-triazole          | 83  | C3H5N3   | 006086-21-1  | 52   |
| 5    |      | Oxalic acid, cyclohexyl isohexyl... | 256 | C14H24O4 | 1010309-30-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

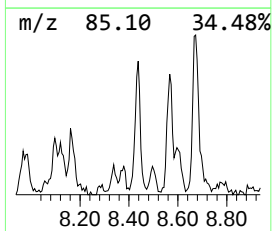
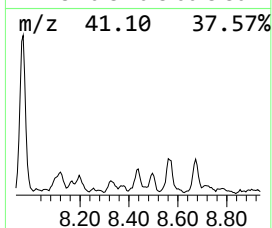
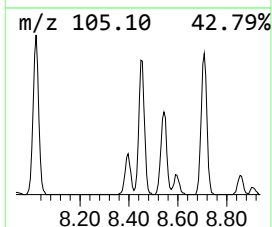
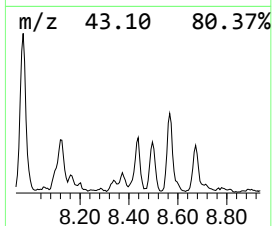
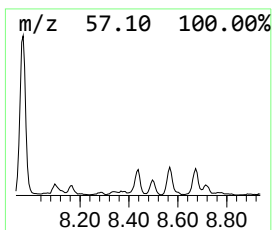
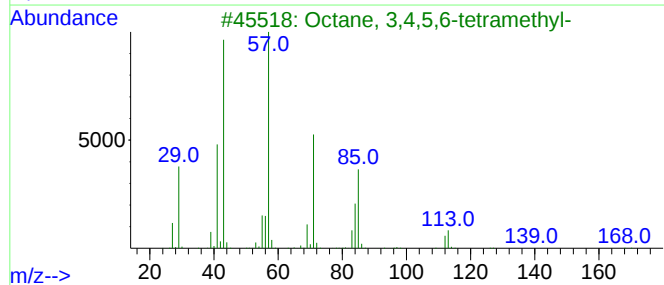
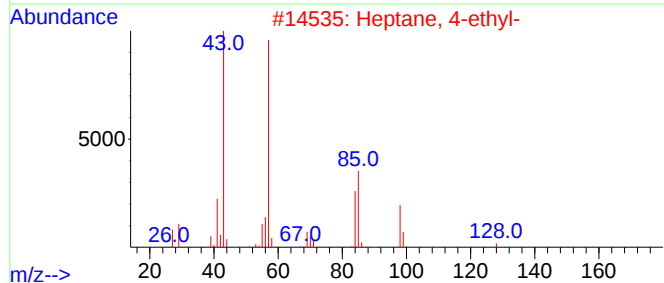
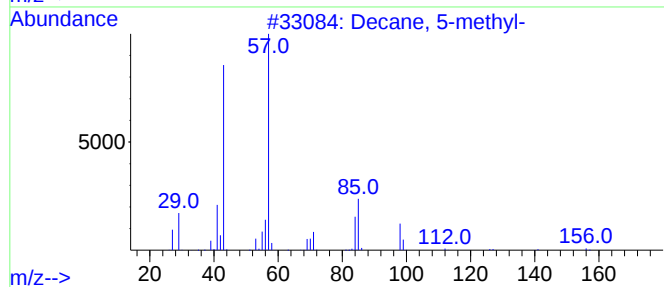
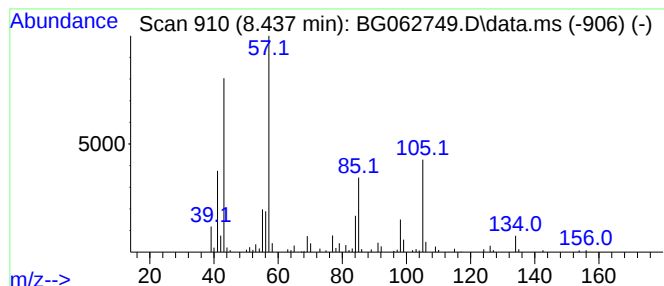
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.437 | 6.13 ng/ul | 186196 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 5-methyl-            | 156 | C11H24  | 013151-35-4 | 72   |
| 2    |    |   | Heptane, 4-ethyl-            | 128 | C9H20   | 002216-32-2 | 53   |
| 3    |    |   | Octane, 3,4,5,6-tetramethyl- | 170 | C12H26  | 062185-21-1 | 53   |
| 4    |    |   | Heptane, 4-ethyl-            | 128 | C9H20   | 002216-32-2 | 53   |
| 5    |    |   | 4,4-Dimethyl octane          | 142 | C10H22  | 015869-95-1 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

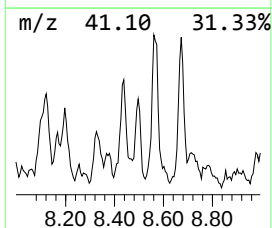
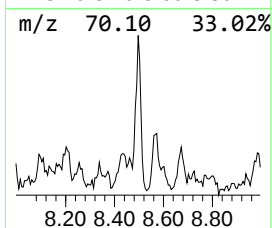
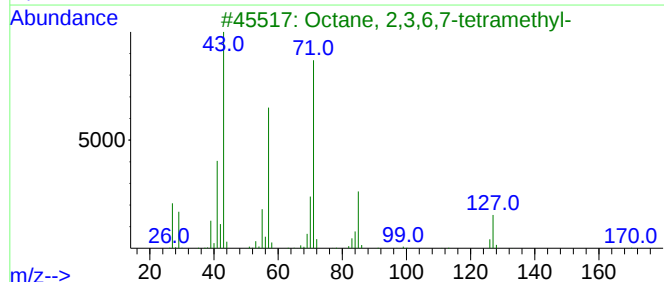
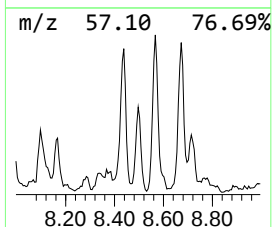
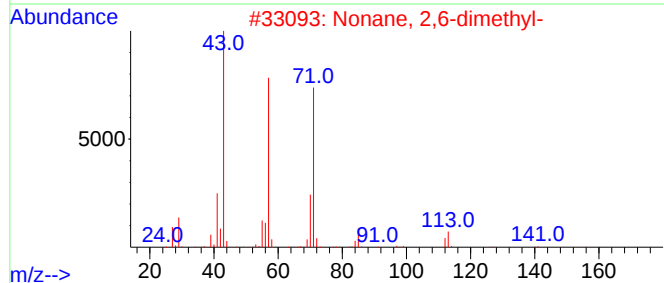
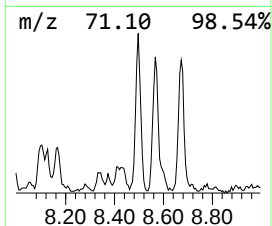
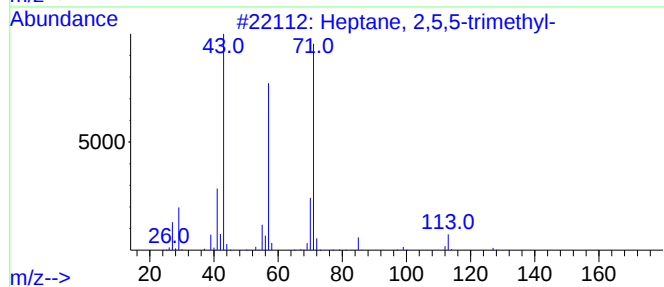
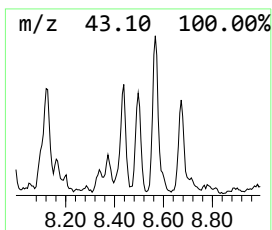
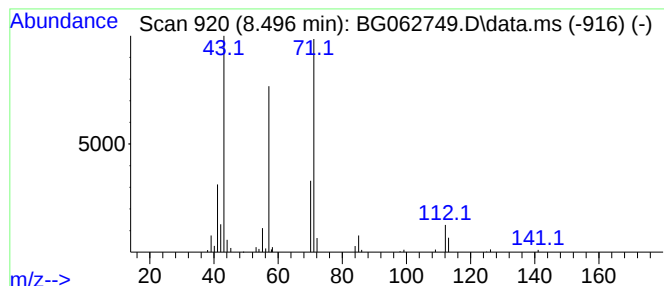
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Quant Title : SVOA CALIBRATION

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

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Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 45

| R.T.      | EstConc                      | Area  | Relative to ISTD       |         |             | R.T.  |
|-----------|------------------------------|-------|------------------------|---------|-------------|-------|
| 8.496     | 3.05 ng/ul                   | 92766 | 1,4-Dichlorobenzene-d4 |         |             | 7.903 |
| Hit# of 5 | Tentative ID                 |       | MW                     | MolForm | CAS#        | Qual  |
| 1         | Heptane, 2,5,5-trimethyl-    |       | 142                    | C10H22  | 001189-99-7 | 78    |
| 2         | Nonane, 2,6-dimethyl-        |       | 156                    | C11H24  | 017302-28-2 | 74    |
| 3         | Octane, 2,3,6,7-tetramethyl- |       | 170                    | C12H26  | 052670-34-5 | 72    |
| 4         | Heptane, 5-ethyl-2-methyl-   |       | 142                    | C10H22  | 013475-78-0 | 72    |
| 5         | Heptane, 3,3,5-trimethyl-    |       | 142                    | C10H22  | 007154-80-5 | 72    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

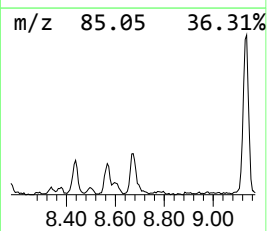
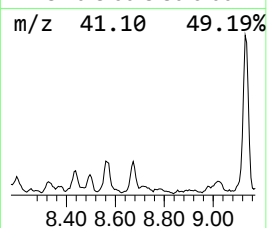
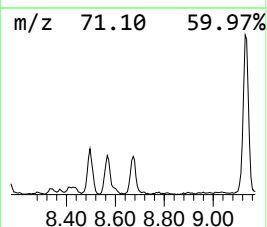
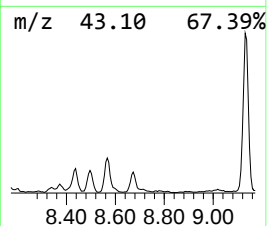
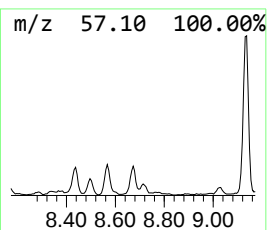
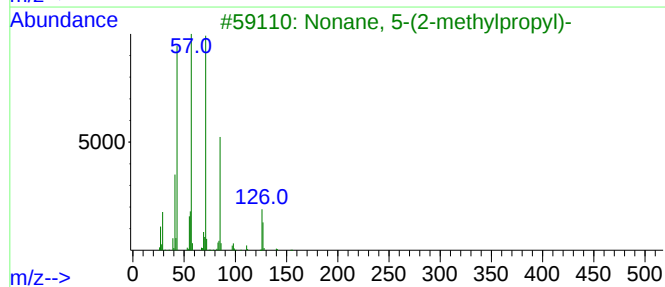
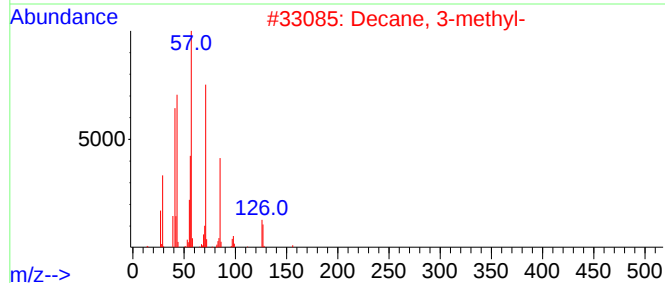
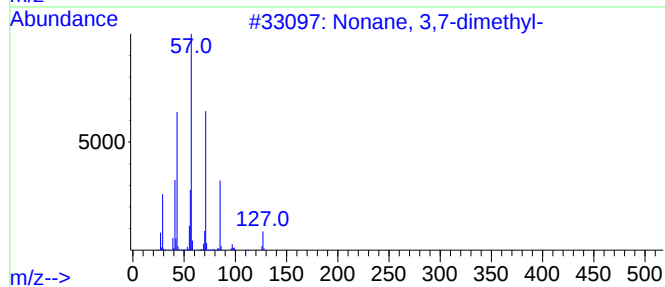
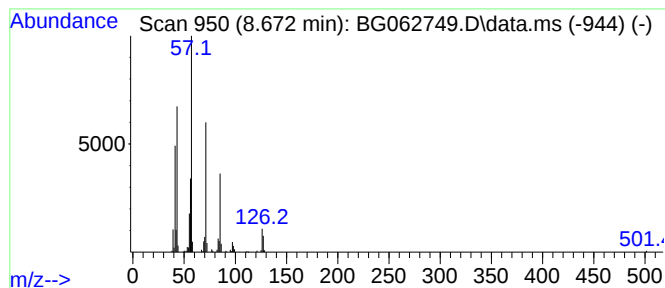
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.672 | 6.11 ng/ul | 185457 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane, 3,7-dimethyl-       | 156 | C11H24   | 017302-32-8  | 72   |
| 2    |    |   | Decane, 3-methyl-           | 156 | C11H24   | 013151-34-3  | 72   |
| 3    |    |   | Nonane, 5-(2-methylpropyl)- | 184 | C13H28   | 062185-53-9  | 64   |
| 4    |    |   | 2-Nonanol, trimethylacetate | 228 | C14H28O2 | 1000463-21-6 | 53   |
| 5    |    |   | Tridecane, 2-methyl-        | 198 | C14H30   | 001560-96-9  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

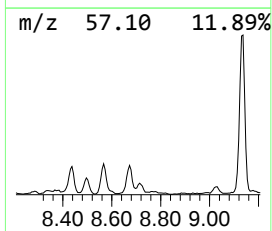
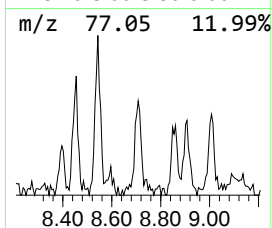
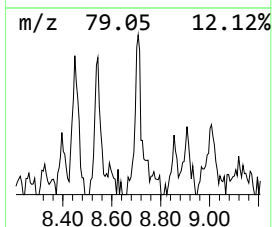
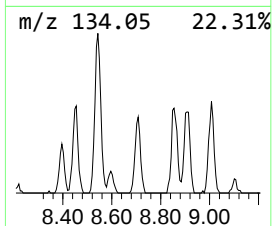
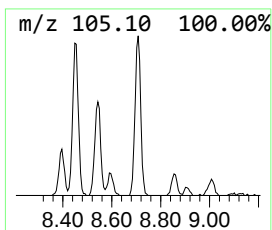
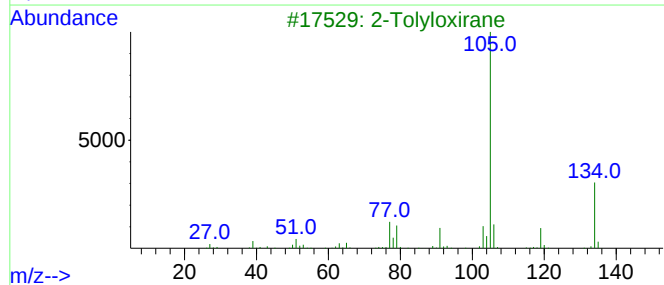
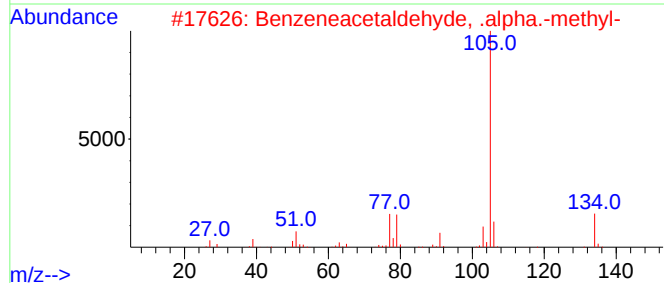
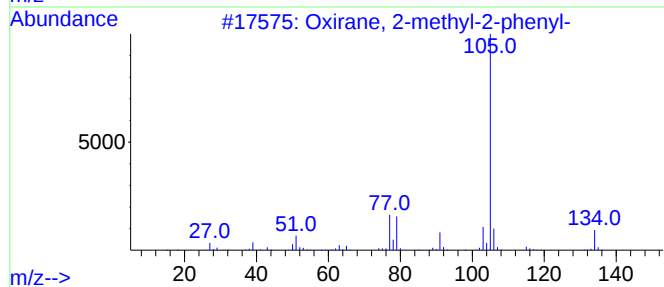
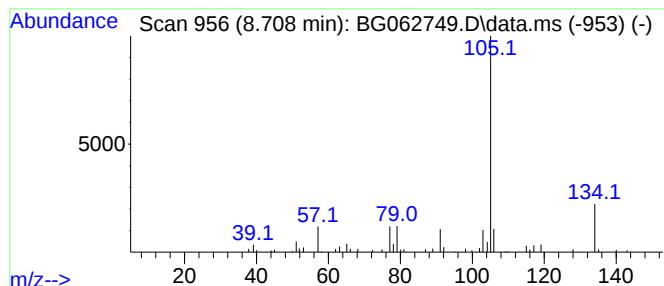
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 21 Oxirane, 2-methyl-2-phenyl- Concentration Rank 26

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.708 | 4.50 ng/ul | 136824 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Oxirane, 2-methyl-2-phenyl-         | 134 | C9H10O  | 002085-88-3 | 87   |
| 2    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 87   |
| 3    |    |   | 2-Tolyloxirane                      | 134 | C9H10O  | 002783-26-8 | 87   |
| 4    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 87   |
| 5    |    |   | Benzene, 1-methyl-4-propyl-         | 134 | C10H14  | 001074-55-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

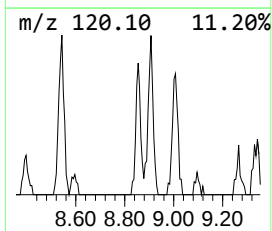
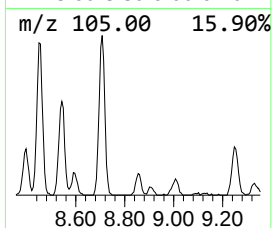
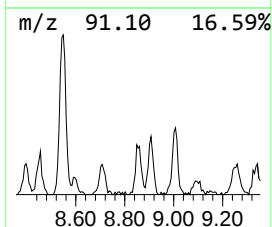
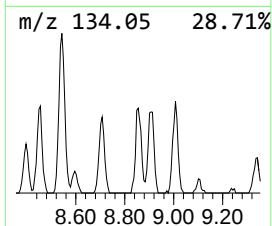
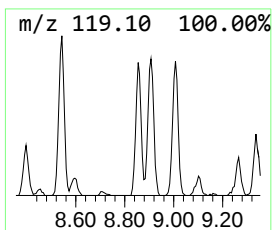
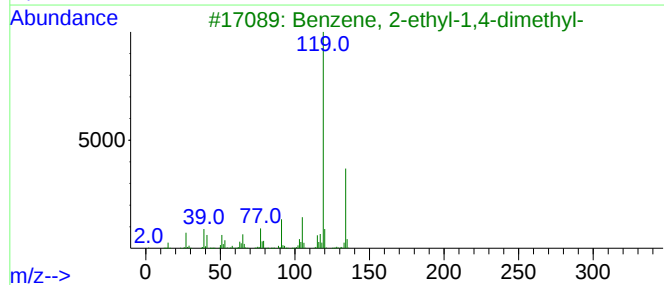
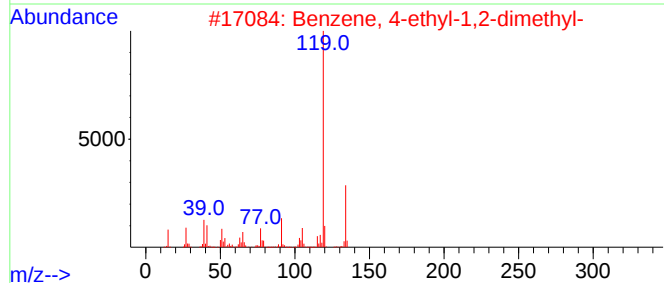
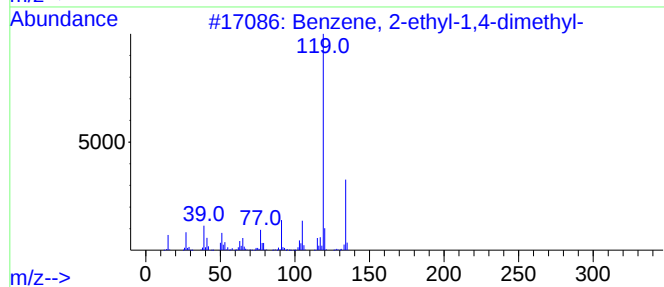
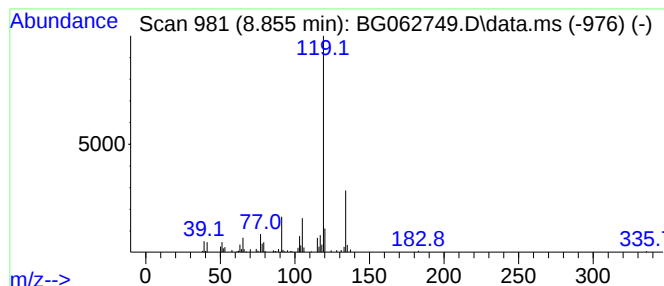
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 22 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 44

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.855 | 3.07 ng/ul | 93396 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 97   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 4    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 94   |
| 5    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

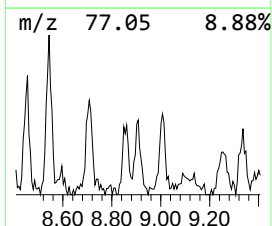
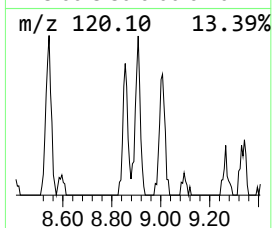
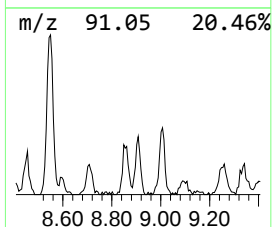
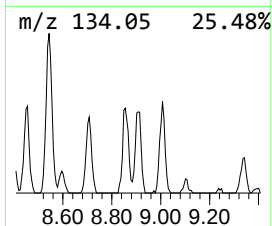
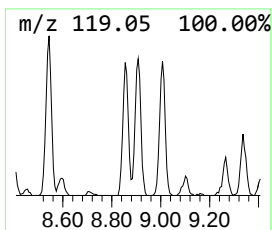
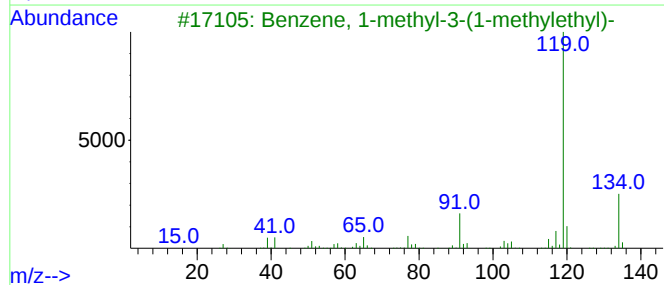
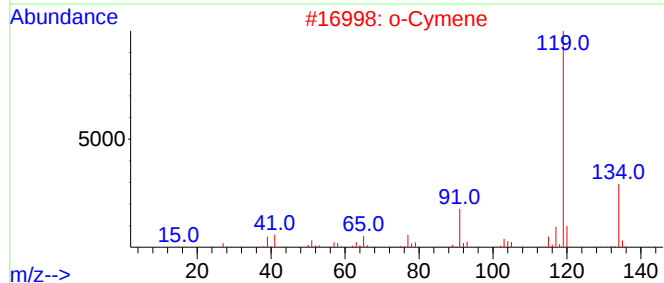
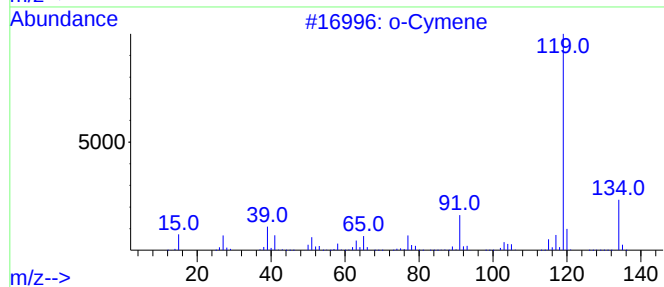
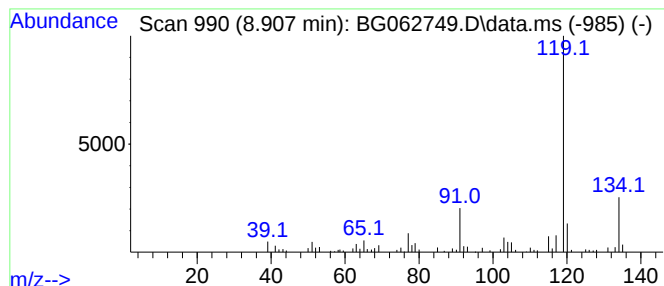
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 23 o-Cymene Concentration Rank 30

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.907 | 4.12 ng/ul | 125042 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 2    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 95   |
| 4    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

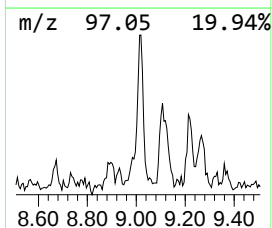
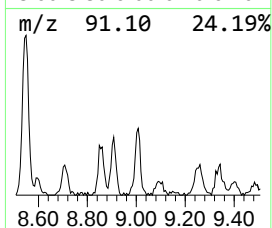
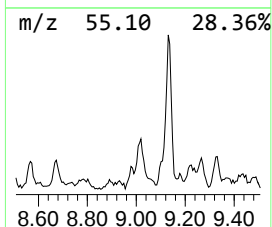
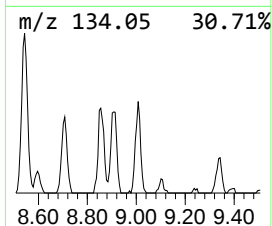
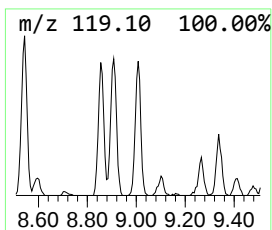
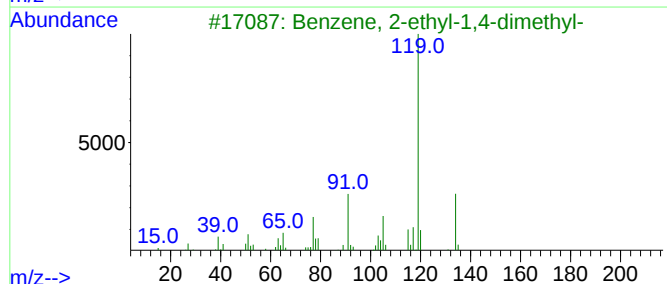
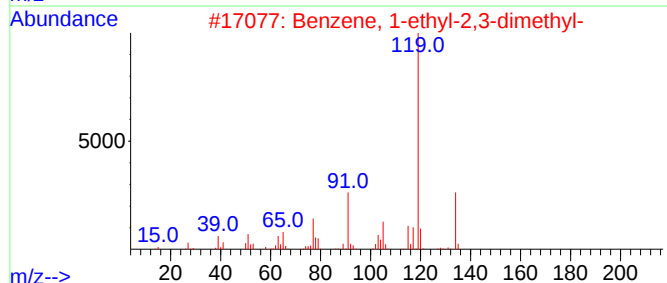
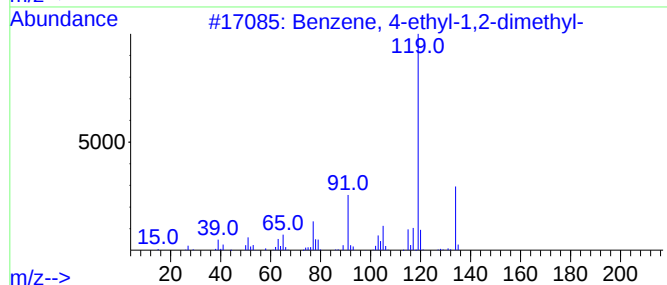
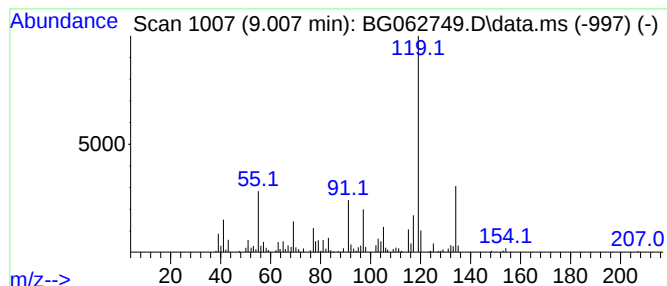
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Quant Title : SVOA CALIBRATION

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

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Peak Number 24 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 9.007 | 8.85 ng/ul | 268869 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 2    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

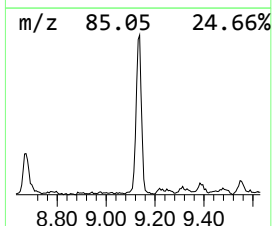
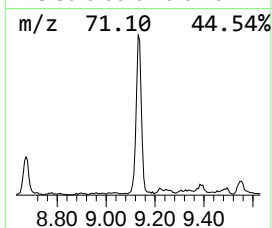
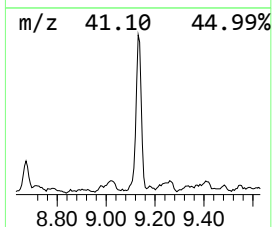
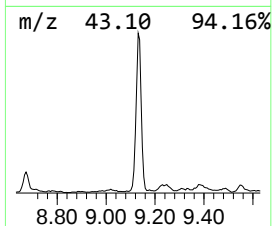
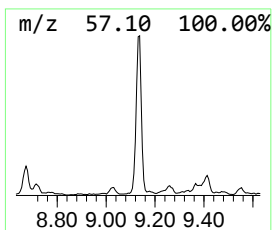
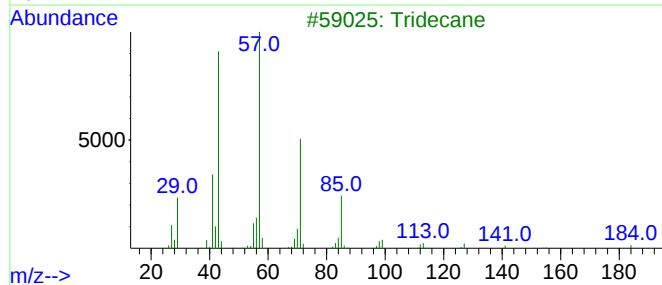
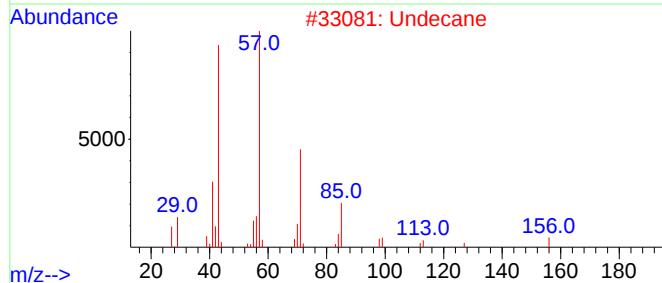
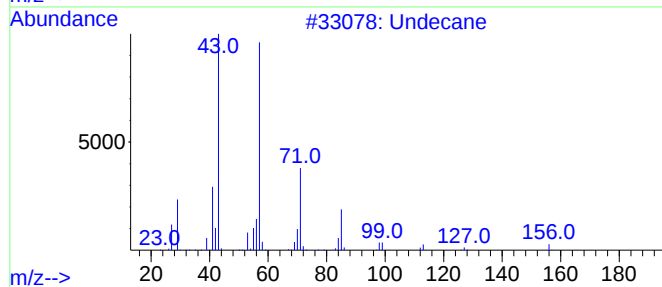
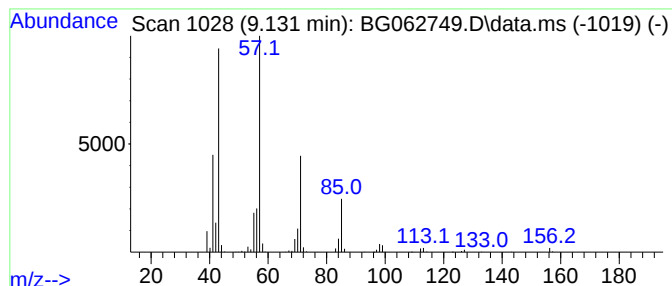
Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc           | Area   | Relative to ISTD       |         | R.T.        |      |
|-----------|-------------------|--------|------------------------|---------|-------------|------|
| 9.131     | 31.35 ng/ul       | 952414 | 1,4-Dichlorobenzene-d4 |         | 7.903       |      |
| Hit# of 5 | Tentative ID      |        | MW                     | MolForm | CAS#        | Qual |
| 1         | Undecane          |        | 156                    | C11H24  | 001120-21-4 | 91   |
| 2         | Undecane          |        | 156                    | C11H24  | 001120-21-4 | 91   |
| 3         | Tridecane         |        | 184                    | C13H28  | 000629-50-5 | 80   |
| 4         | Nonane            |        | 128                    | C9H20   | 000111-84-2 | 72   |
| 5         | Decane, 2-methyl- |        | 156                    | C11H24  | 006975-98-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

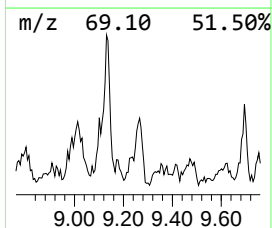
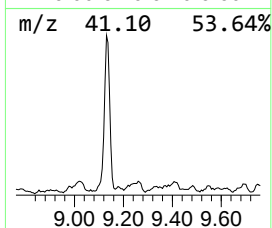
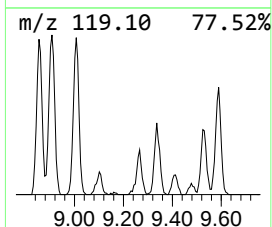
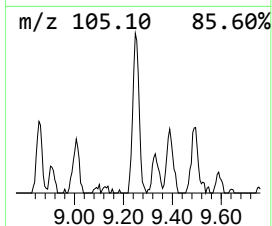
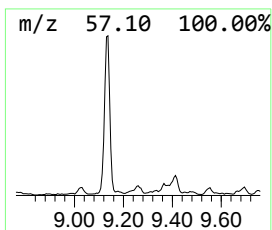
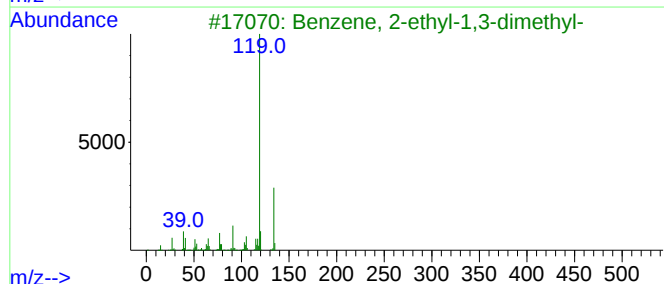
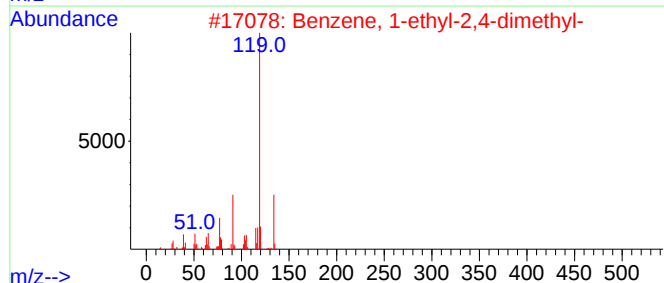
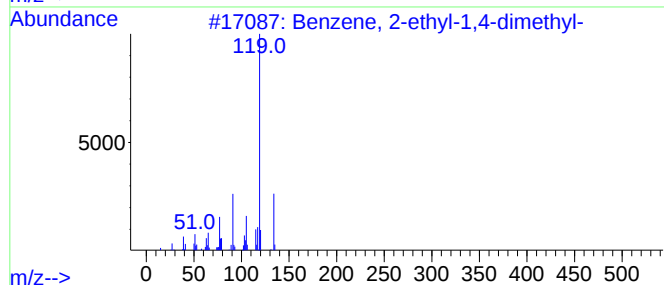
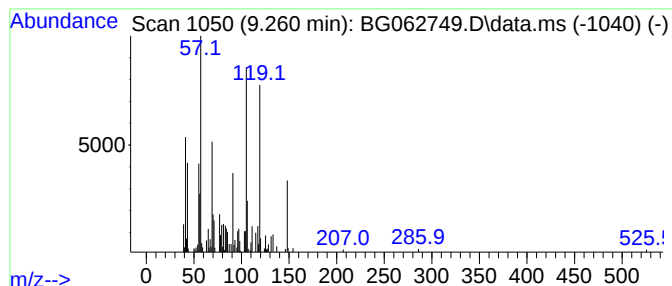
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Quant Title : SVOA CALIBRATION

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

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Peak Number 26 unknown-01 Concentration Rank 13

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 9.260 | 6.60 ng/ul | 200589 | 1,4-Dichlorobenzene-d4 | 7.903 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 58   |
| 2    |    |   | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 49   |
| 3    |    |   | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 47   |
| 4    |    |   | Benzene, 4-(chloromethyl)-1,2-di... | 154 | C9H11Cl | 000102-46-5 | 46   |
| 5    |    |   | 2,5-Dimethylbenzyl chloride         | 154 | C9H11Cl | 000824-45-3 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

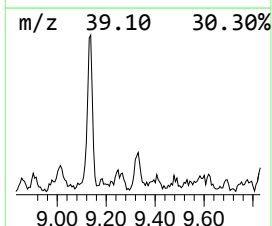
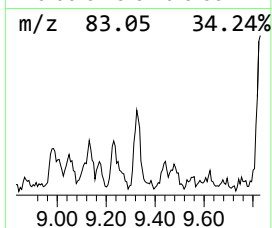
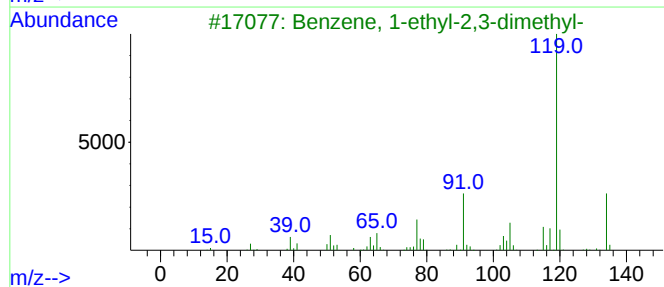
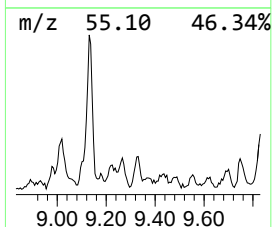
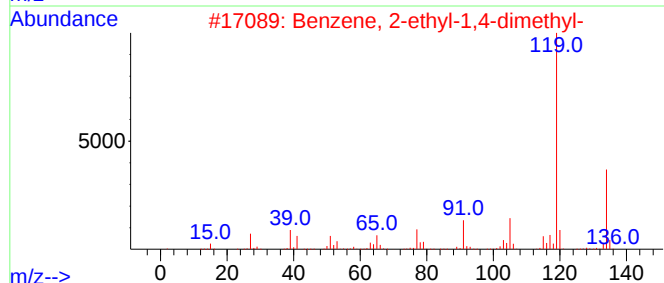
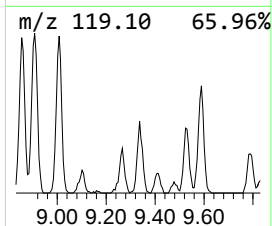
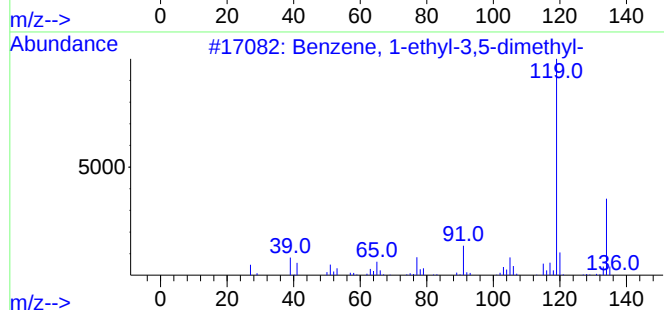
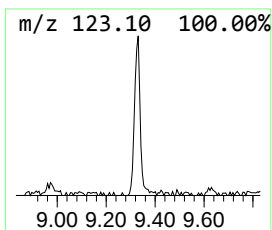
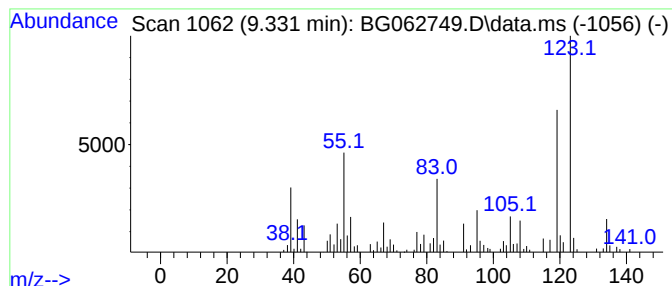
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 27 unknown-02 Concentration Rank 62

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.331 | 2.33 ng/ul | 154711 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 35   |
| 2    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 35   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 25   |
| 4    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 25   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

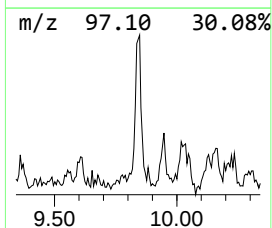
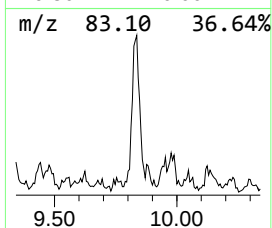
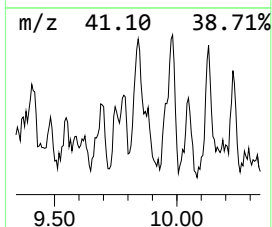
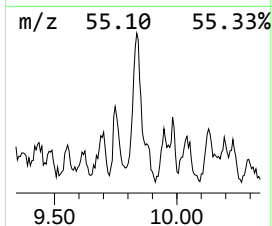
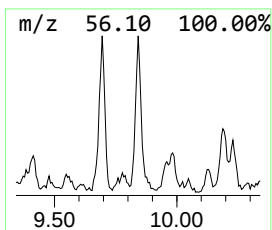
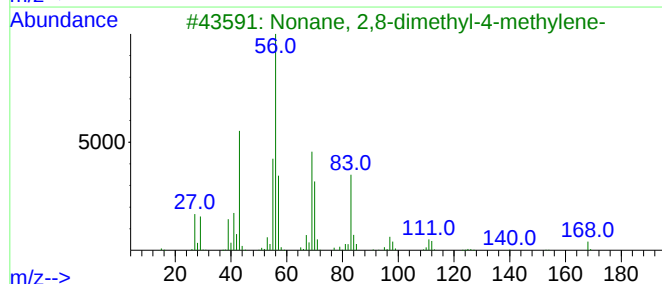
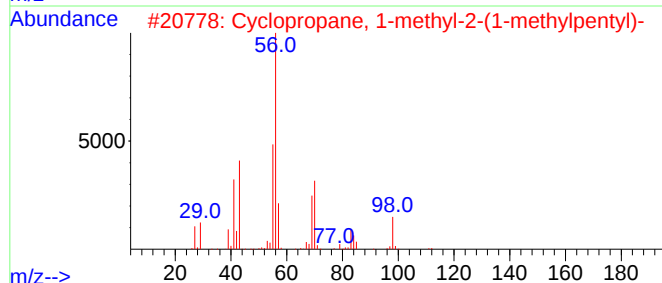
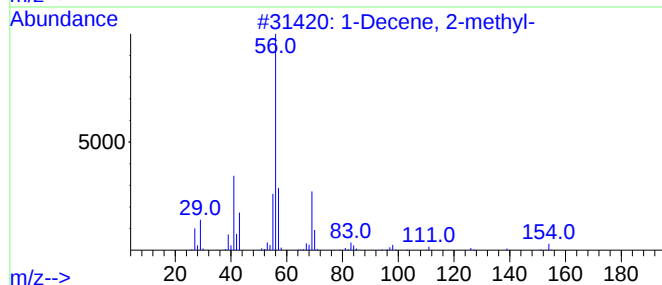
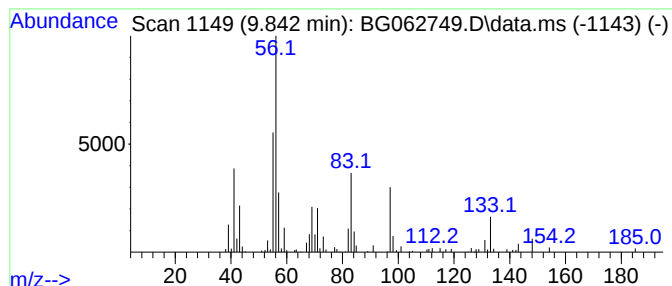
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 55

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.842 | 2.52 ng/ul | 167843 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Decene, 2-methyl-                 | 154 | C11H22  | 013151-27-4 | 38   |
| 2    |    |   | Cyclopropane, 1-methyl-2-(1-meth... | 140 | C10H20  | 062238-06-6 | 38   |
| 3    |    |   | Nonane, 2,8-dimethyl-4-methylene-   | 168 | C12H24  | 007323-15-1 | 38   |
| 4    |    |   | 1-Octene, 2-methyl-                 | 126 | C9H18   | 004588-18-5 | 35   |
| 5    |    |   | 4-Propylcyclohexylamine             | 141 | C9H19N  | 102653-37-2 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

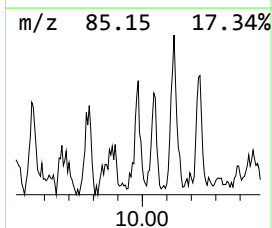
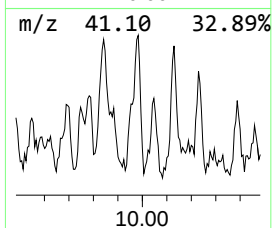
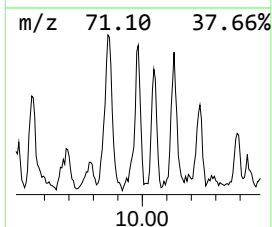
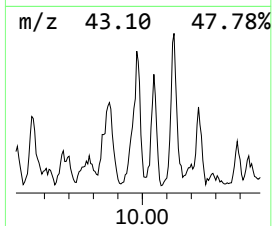
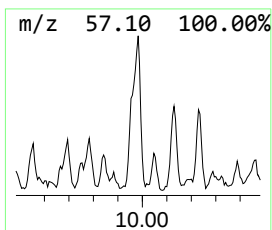
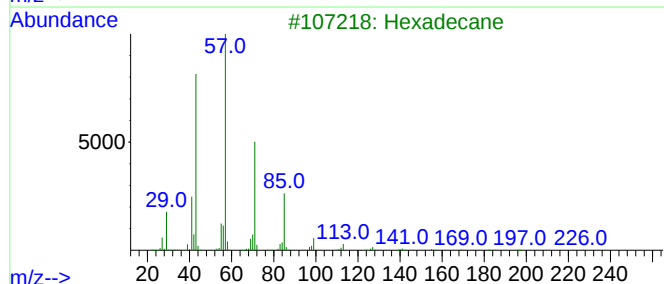
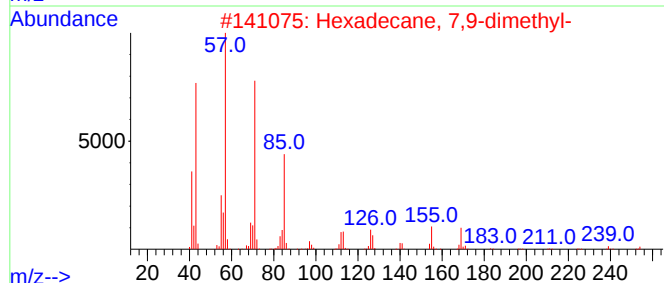
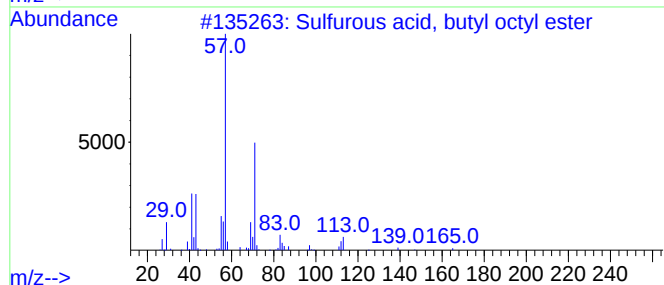
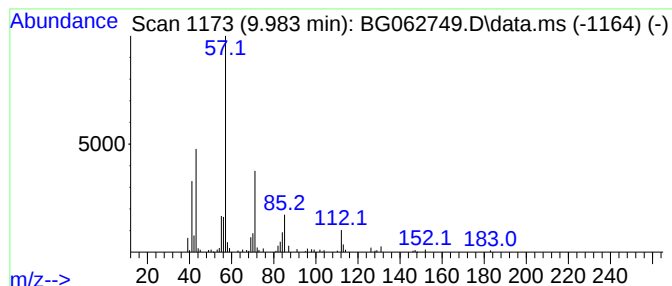
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 29 Sulfurous acid, butyl octyl... Concentration Rank 49

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.983 | 2.74 ng/ul | 182445 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, butyl octyl ester | 250 | C12H26O3S | 1000309-17-5 | 50   |
| 2    |    |   | Hexadecane, 7,9-dimethyl-         | 254 | C18H38    | 021164-95-4  | 50   |
| 3    |    |   | Hexadecane                        | 226 | C16H34    | 000544-76-3  | 50   |
| 4    |    |   | Decane, 2,5,9-trimethyl-          | 184 | C13H28    | 062108-22-9  | 50   |
| 5    |    |   | Octane, 3,4,5,6-tetramethyl-      | 170 | C12H26    | 062185-21-1  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

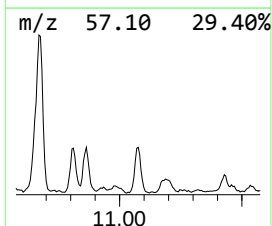
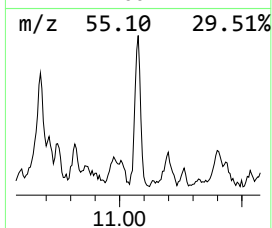
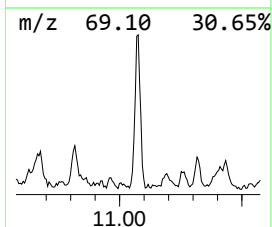
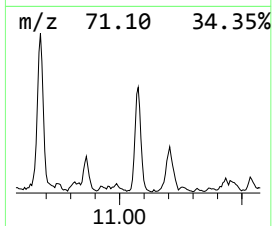
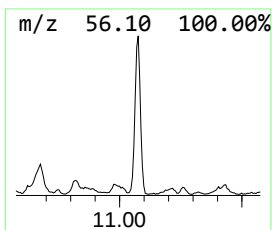
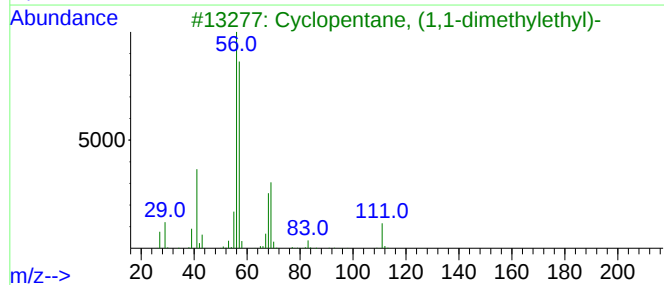
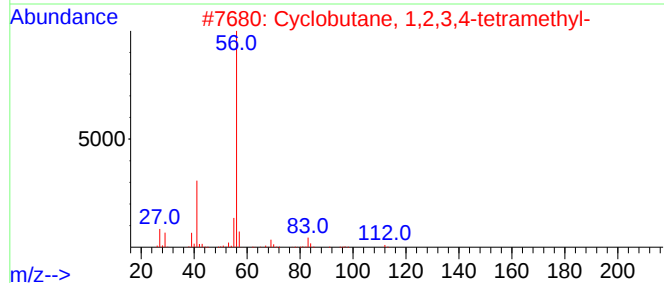
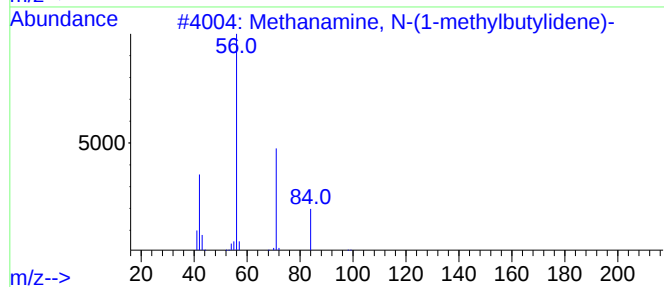
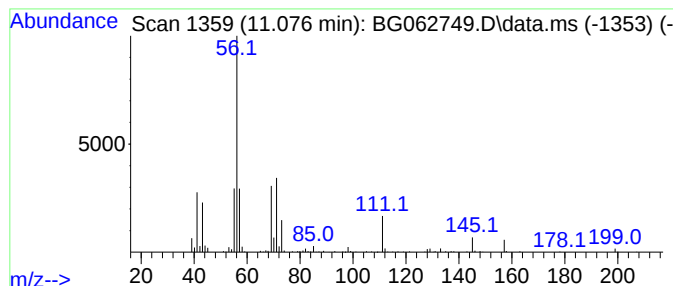
Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 30 unknown-03 Concentration Rank 15

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 11.076    | 6.30 ng/ul                          | 419114 | Naphthalene-d8   | 10.694      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Methanamine, N-(1-methylbutylide... | 99     | C6H13N           | 022431-09-0 | 42   |
| 2         | Cyclobutane, 1,2,3,4-tetramethyl-   | 112    | C8H16            | 069531-57-3 | 37   |
| 3         | Cyclopentane, (1,1-dimethylethyl)-  | 126    | C9H18            | 003875-52-3 | 33   |
| 4         | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200    | C12H24O2         | 006413-83-8 | 25   |
| 5         | Cyclohexylamine                     | 99     | C6H13N           | 000108-91-8 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

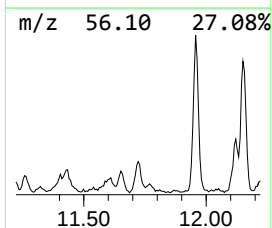
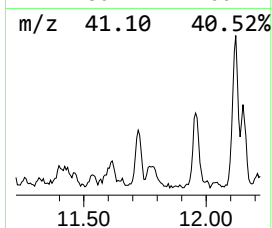
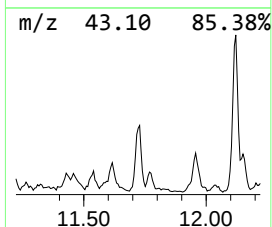
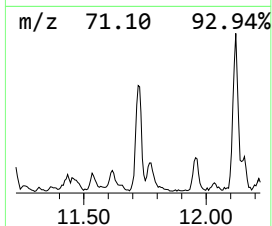
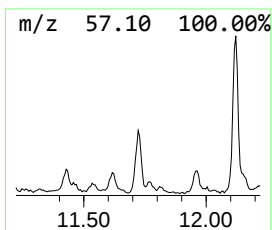
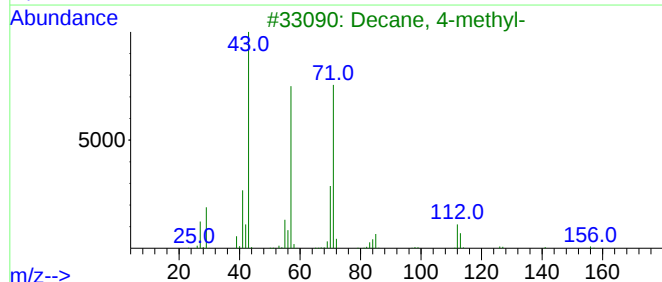
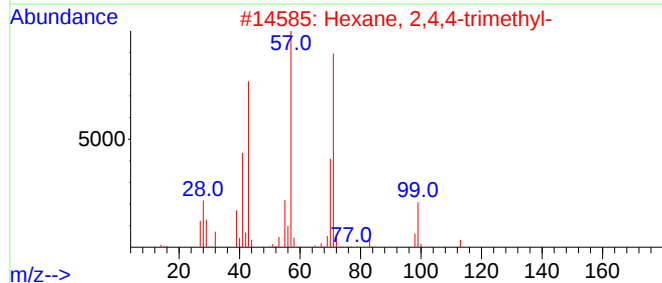
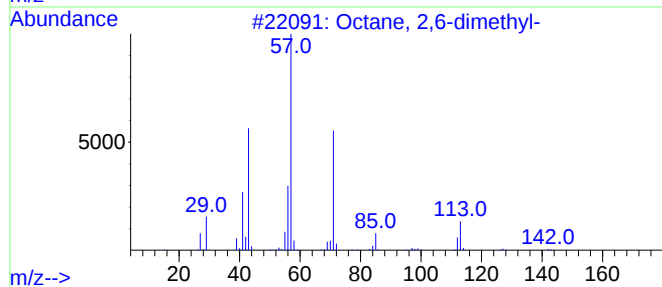
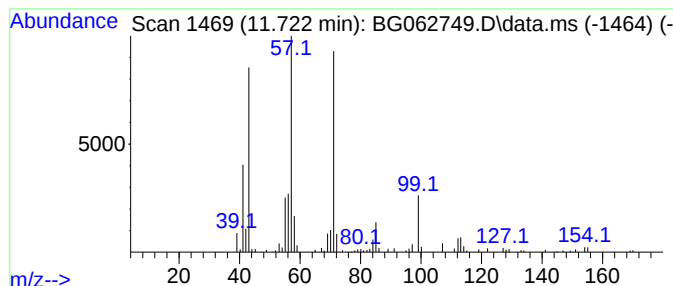
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 50

| R.T.   | EstConc    | Area   | Relative to ISTD |  | R.T.   |
|--------|------------|--------|------------------|--|--------|
| 11.722 | 2.73 ng/ul | 181469 | Naphthalene-d8   |  | 10.694 |

| Hit# | of 5                     | Tentative ID | MW     | MolForm     | CAS# | Qual |
|------|--------------------------|--------------|--------|-------------|------|------|
| 1    | Octane, 2,6-dimethyl-    | 142          | C10H22 | 002051-30-1 | 72   |      |
| 2    | Hexane, 2,4,4-trimethyl- | 128          | C9H20  | 016747-30-1 | 59   |      |
| 3    | Decane, 4-methyl-        | 156          | C11H24 | 002847-72-5 | 53   |      |
| 4    | Butane, 2,2-dimethyl-    | 86           | C6H14  | 000075-83-2 | 53   |      |
| 5    | Octane, 2,3,7-trimethyl- | 156          | C11H24 | 062016-34-6 | 53   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

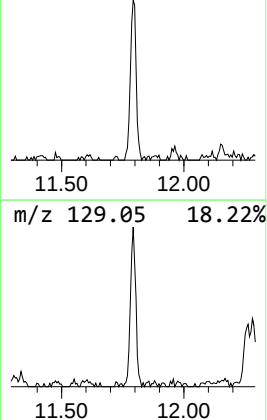
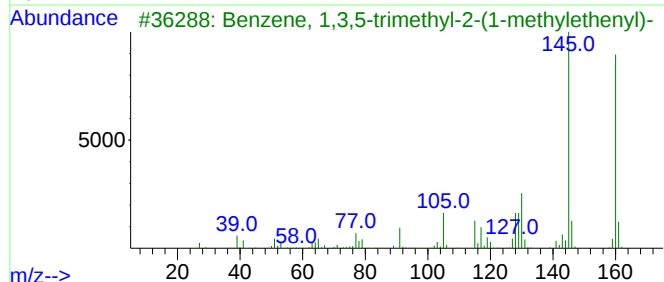
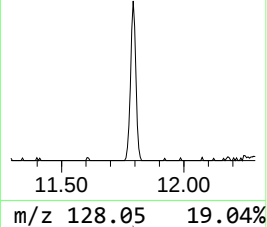
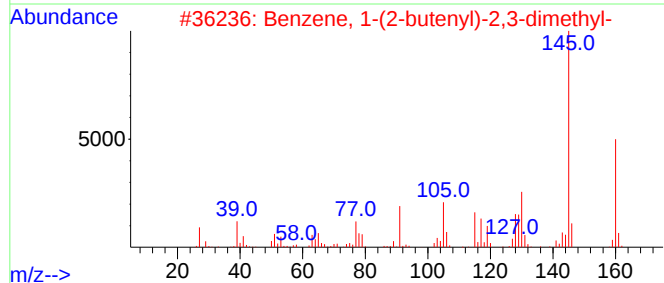
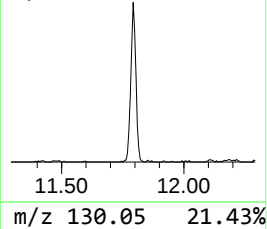
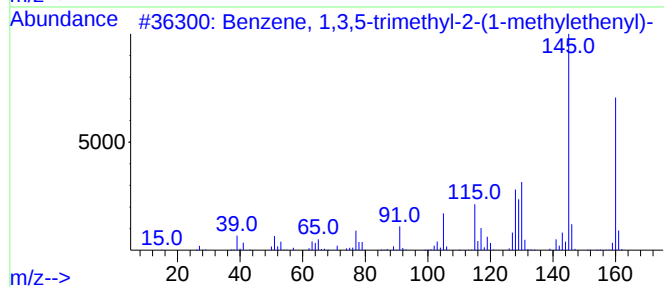
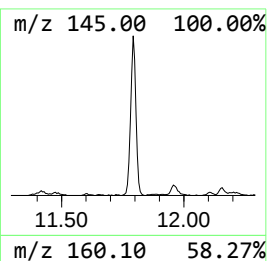
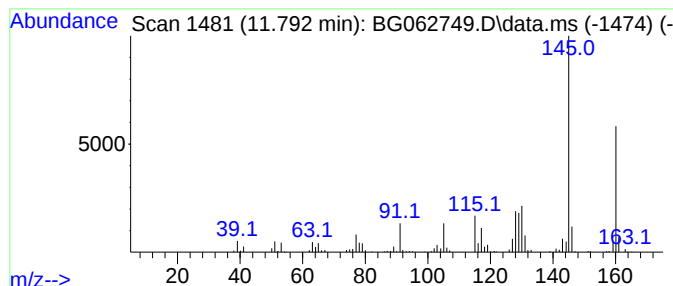
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 32 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 17

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.792 | 6.11 ng/ul | 406594 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 95   |
| 2    |    |   | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 94   |
| 3    |    |   | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 94   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-5-(1-me... | 160 | C12H16  | 054340-84-0 | 94   |
| 5    |    |   | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

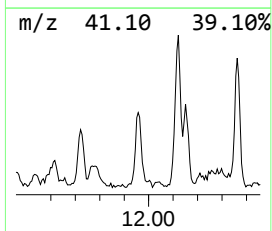
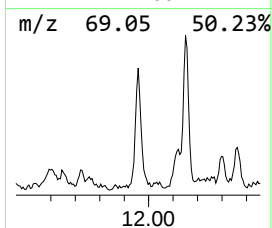
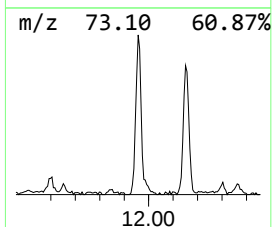
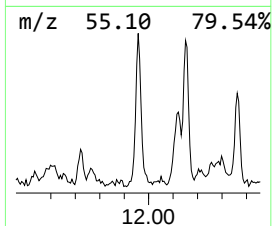
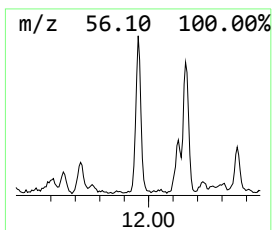
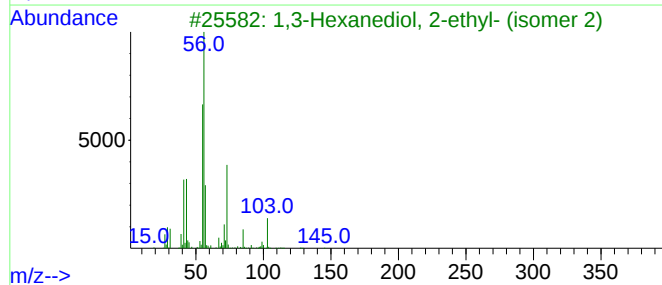
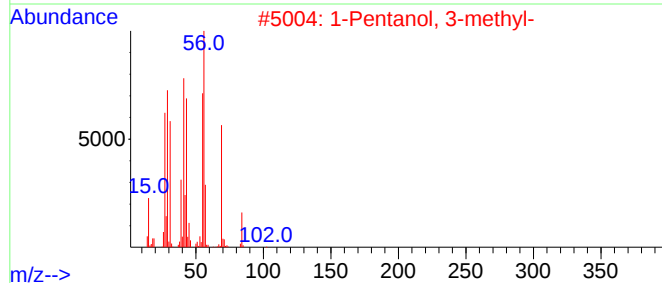
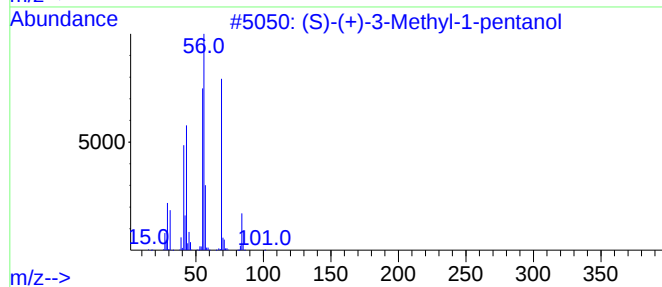
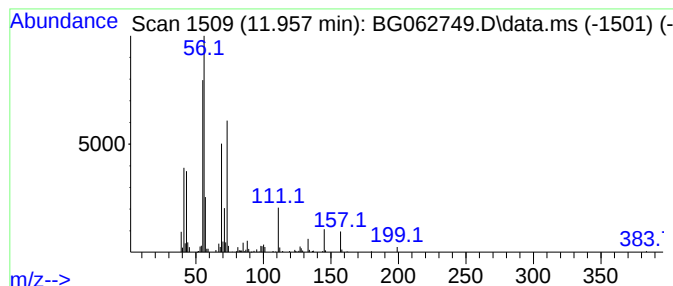
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Peak Number 33 unknown-04

Concentration Rank 31

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.957 | 4.09 ng/ul | 271766 | Naphthalene-d8   | 10.694 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | (S)-(+)-3-Methyl-1-pentanol         |   |              | 102 | C6H14O   | 042072-39-9  | 43   |
| 2    | 1-Pentanol, 3-methyl-               |   |              | 102 | C6H14O   | 000589-35-5  | 43   |
| 3    | 1,3-Hexanediol, 2-ethyl- (isomer 2) |   |              | 146 | C8H18O2  | 1000484-18-1 | 42   |
| 4    | 2,4-Dipropyl-5-ethyl-1,3-dioxane    |   |              | 200 | C12H24O2 | 006413-83-8  | 42   |
| 5    | 1-Pentanol, 3-methyl-               |   |              | 102 | C6H14O   | 000589-35-5  | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

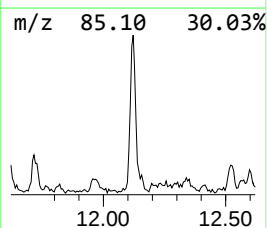
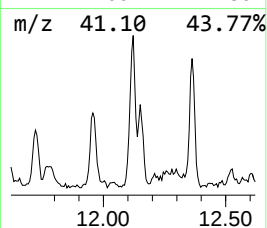
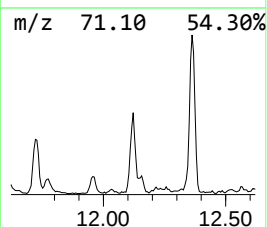
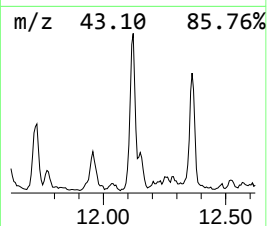
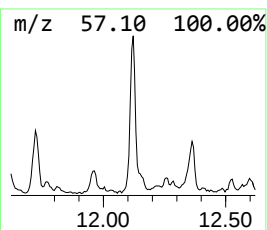
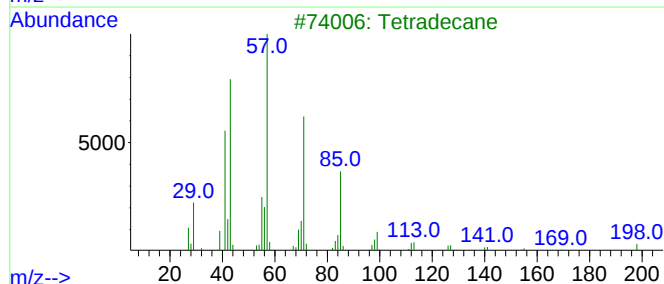
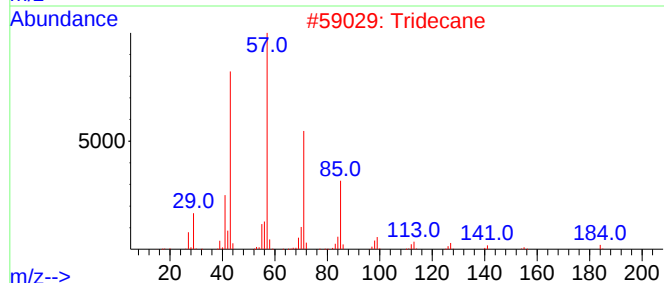
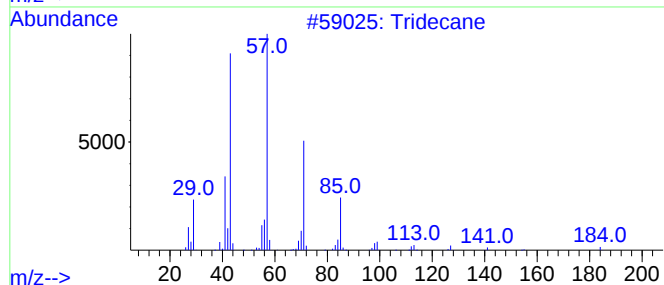
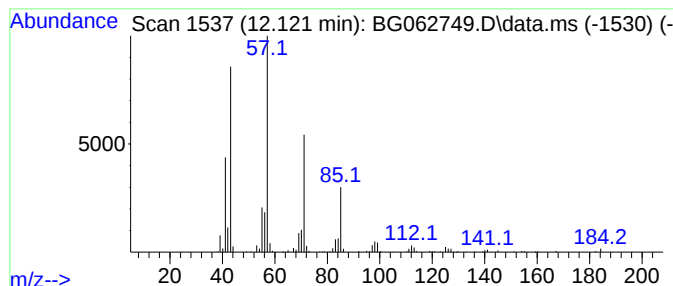
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.121 | 5.75 ng/ul | 382827 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 93   |
| 2    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 91   |
| 3    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 4    |    |   | Undecane     | 156 | C11H24  | 001120-21-4 | 83   |
| 5    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

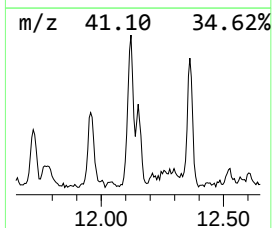
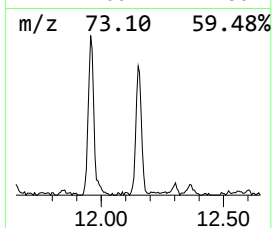
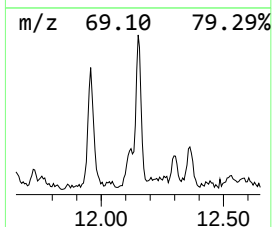
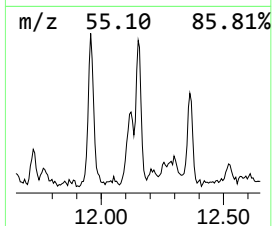
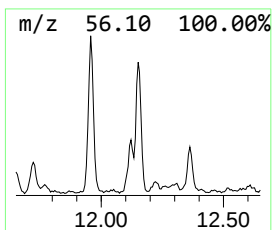
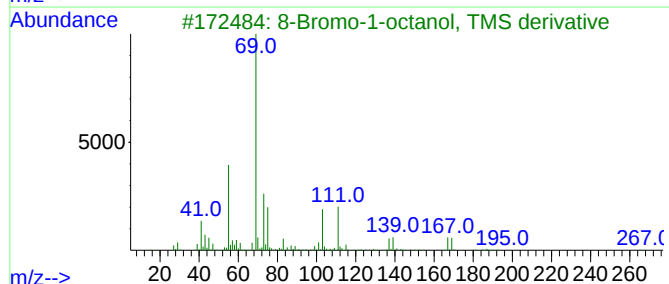
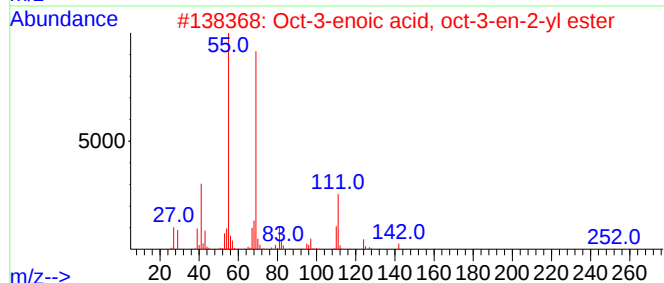
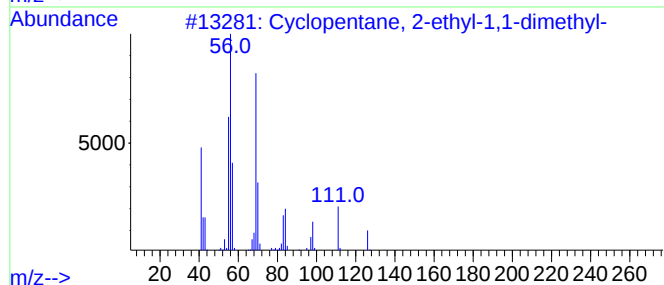
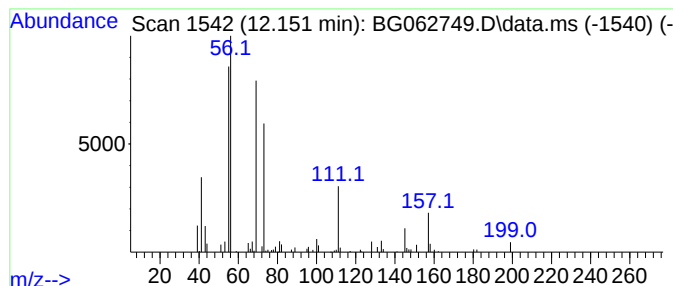
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Quant Title : SVOA CALIBRATION

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

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Peak Number 35 (DEL) Alkane: Cyclic12.151 Concentration Rank 43

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.151 | 3.09 ng/ul | 205490 | Naphthalene-d8   | 10.694 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclopentane, 2-ethyl-1,1-dimethyl- | 126 | C9H18       | 054549-80-3  | 50   |
| 2    |    |   | Oct-3-enoic acid, oct-3-en-2-yl ... | 252 | C16H28O2    | 1010406-95-0 | 17   |
| 3    |    |   | 8-Bromo-1-octanol, TMS derivative   | 280 | C11H25BrOSi | 1000365-28-6 | 12   |
| 4    |    |   | Succinic anhydride                  | 100 | C4H4O3      | 000108-30-5  | 9    |
| 5    |    |   | 2H-Azonin-2-one, octahydro-6-hyd... | 157 | C8H15N02    | 023435-07-6  | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

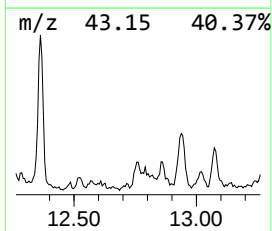
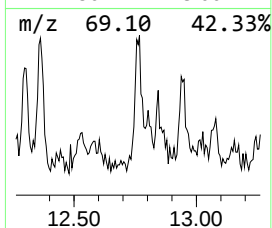
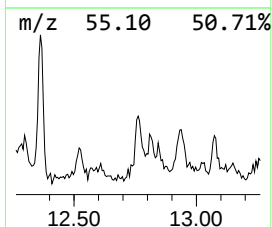
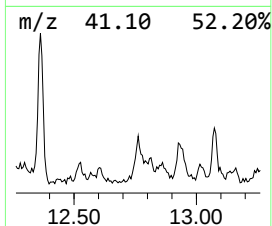
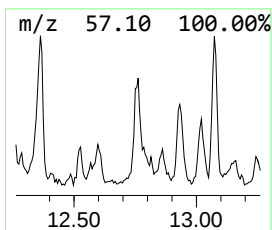
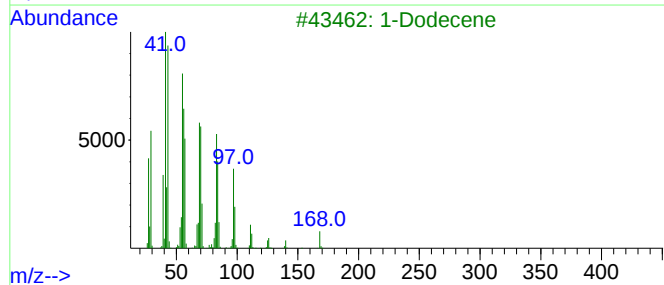
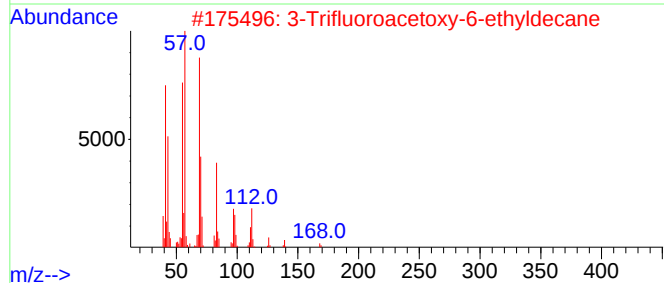
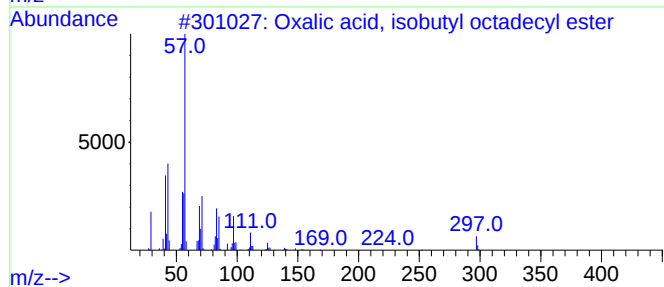
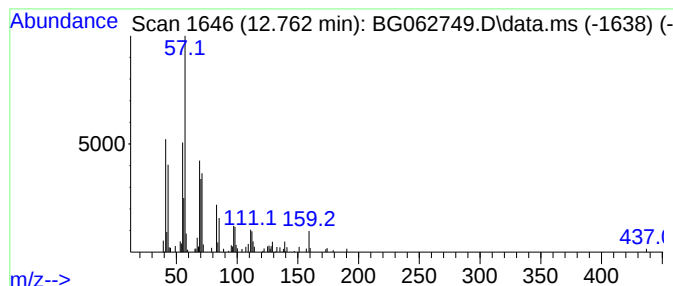
Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 36 Oxalic acid, isobutyl octad... Concentration Rank 53

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 12.762    | 2.57 ng/ul                          | 143582 | Acenaphthene-d10 | 14.530       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Oxalic acid, isobutyl octadecyl ... | 398    | C24H46O4         | 1000309-38-3 | 50   |
| 2         | 3-Trifluoroacetoxy-6-ethyldecane    | 282    | C14H25F3O2       | 116436-59-0  | 50   |
| 3         | 1-Dodecene                          | 168    | C12H24           | 000112-41-4  | 47   |
| 4         | Isobutyl tetradecyl carbonate       | 314    | C19H38O3         | 959275-58-2  | 47   |
| 5         | 1-Decanol                           | 158    | C10H22O          | 000112-30-1  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

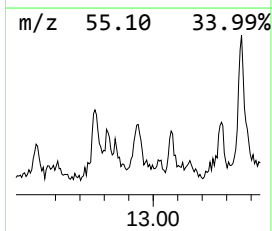
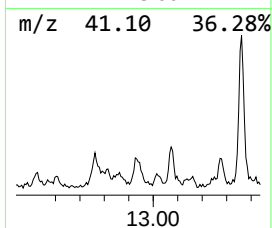
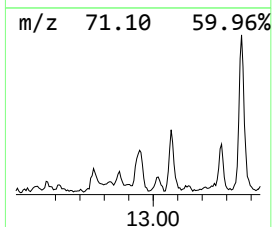
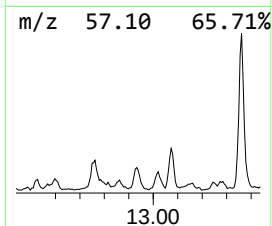
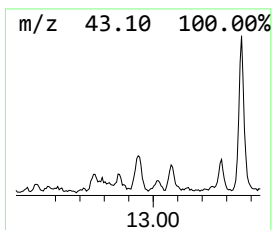
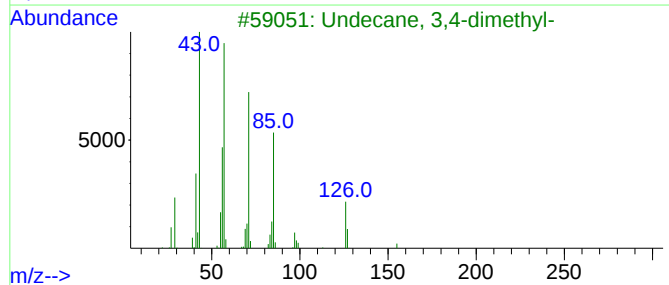
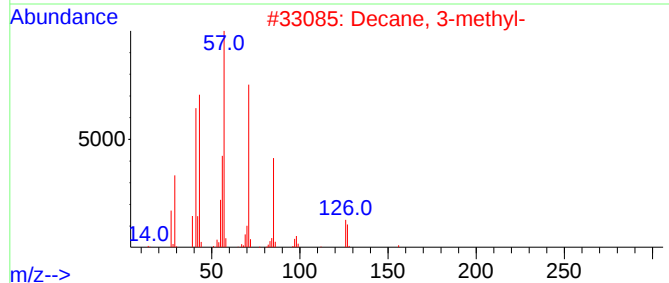
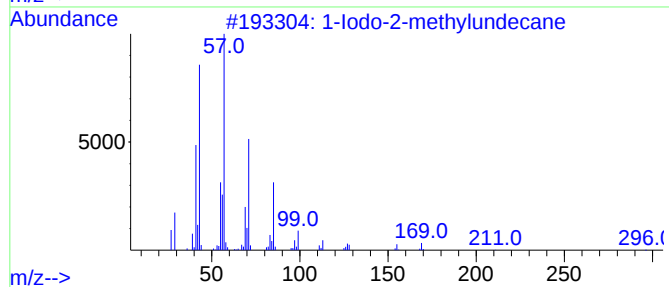
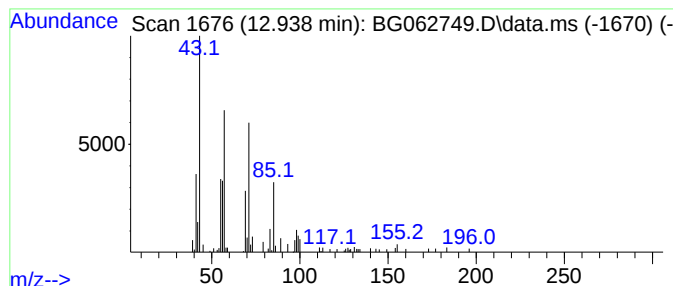
Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 37 1-Iodo-2-methylundecane Concentration Rank 63

| R.T.      | EstConc                 | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|--------|------------------|-------------|------|
| 12.938    | 2.29 ng/ul              | 127486 | Acenaphthene-d10 | 14.530      |      |
| Hit# of 5 | Tentative ID            | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Iodo-2-methylundecane | 296    | C12H25I          | 073105-67-6 | 59   |
| 2         | Decane, 3-methyl-       | 156    | C11H24           | 013151-34-3 | 59   |
| 3         | Undecane, 3,4-dimethyl- | 184    | C13H28           | 017312-78-6 | 59   |
| 4         | Pentadecane             | 212    | C15H32           | 000629-62-9 | 53   |
| 5         | Hexane, 3-methyl-       | 100    | C7H16            | 000589-34-4 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

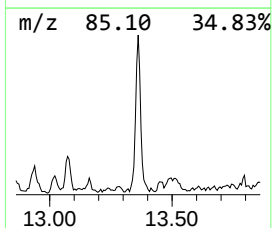
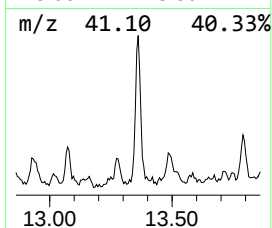
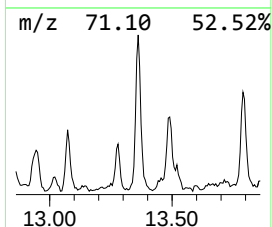
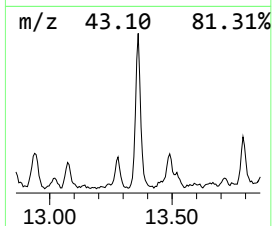
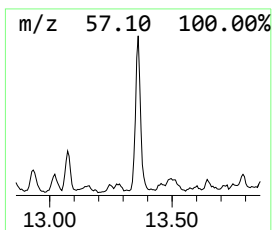
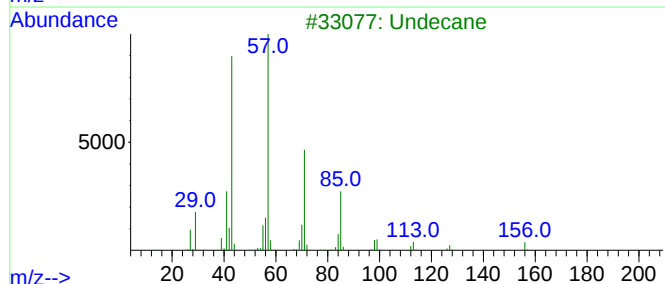
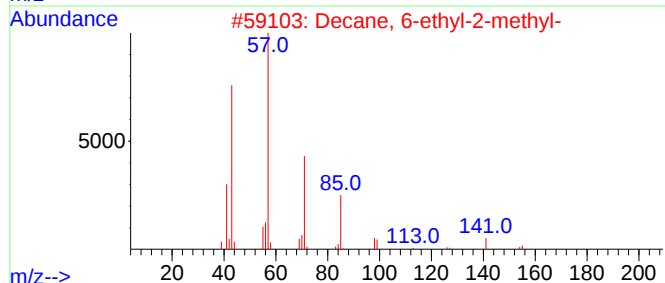
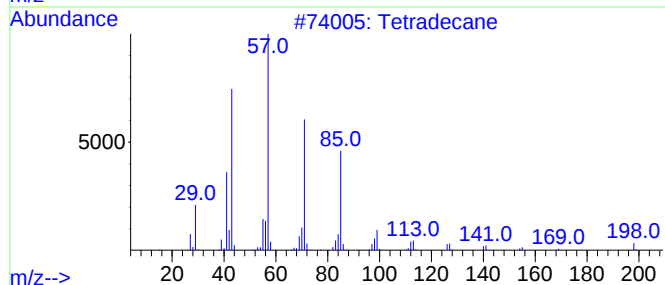
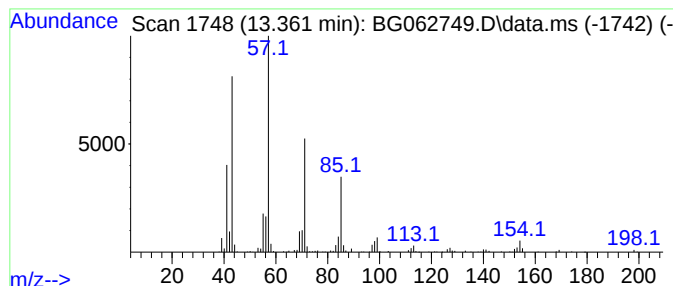
Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.      | EstConc                   | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|---------------------------|--------|------------------|---------|-------------|------|
| 13.361    | 7.51 ng/ul                | 418765 | Acenaphthene-d10 |         | 14.530      |      |
| Hit# of 5 | Tentative ID              |        | MW               | MolForm | CAS#        | Qual |
| 1         | Tetradecane               |        | 198              | C14H30  | 000629-59-4 | 93   |
| 2         | Decane, 6-ethyl-2-methyl- |        | 184              | C13H28  | 062108-21-8 | 86   |
| 3         | Undecane                  |        | 156              | C11H24  | 001120-21-4 | 86   |
| 4         | Hexadecane                |        | 226              | C16H34  | 000544-76-3 | 86   |
| 5         | Undecane                  |        | 156              | C11H24  | 001120-21-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

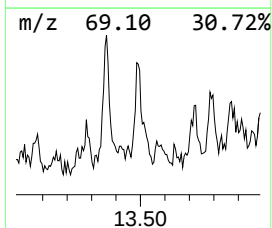
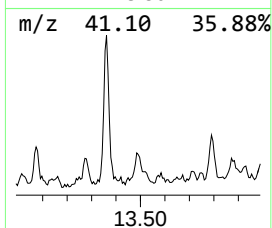
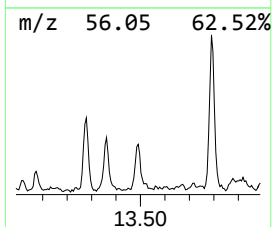
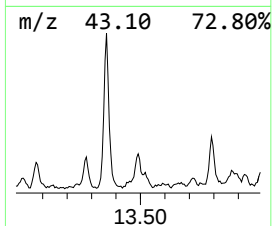
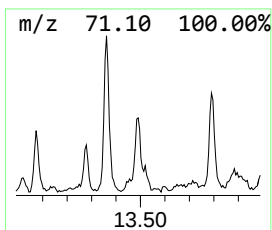
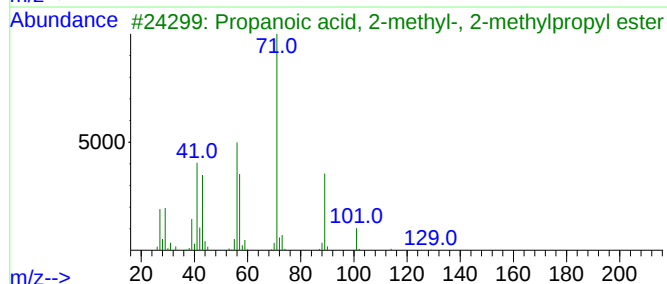
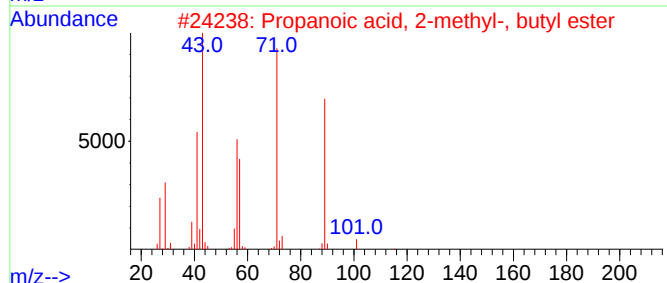
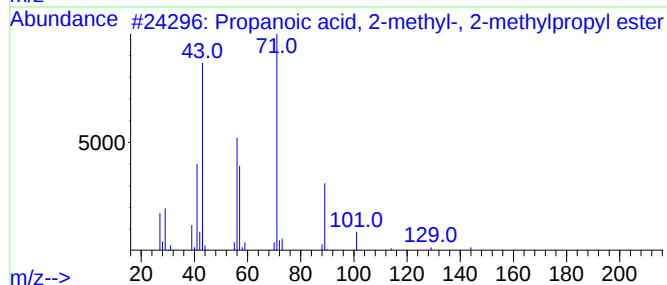
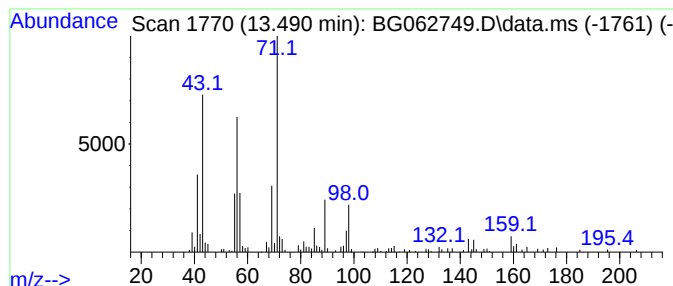
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TIC Integration Parameters: LSCINT.P

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Peak Number 39 Propanoic acid, 2-methyl-, ... Concentration Rank 35

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.490 | 3.71 ng/ul | 207122 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propanoic acid, 2-methyl-, 2-met... | 144 | C8H16O2 | 000097-85-8 | 58   |
| 2    |    |   | Propanoic acid, 2-methyl-, butyl... | 144 | C8H16O2 | 000097-87-0 | 53   |
| 3    |    |   | Propanoic acid, 2-methyl-, 2-met... | 144 | C8H16O2 | 000097-85-8 | 53   |
| 4    |    |   | Propanoic acid, 2-methyl-, butyl... | 144 | C8H16O2 | 000097-87-0 | 53   |
| 5    |    |   | Butanoic acid, 2-methylpropyl ester | 144 | C8H16O2 | 000539-90-2 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

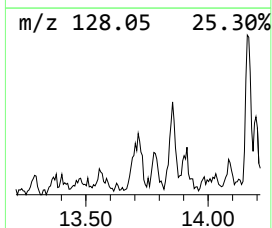
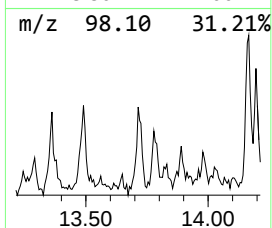
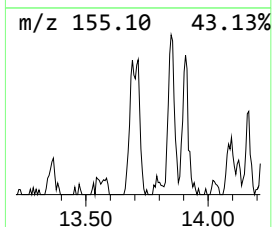
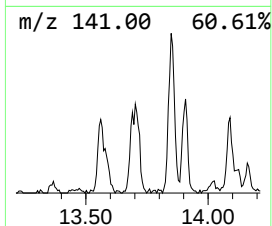
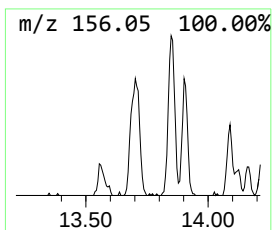
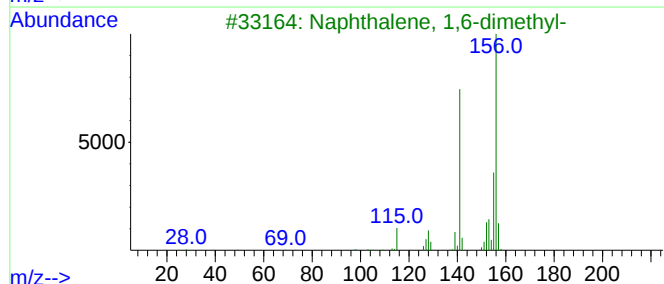
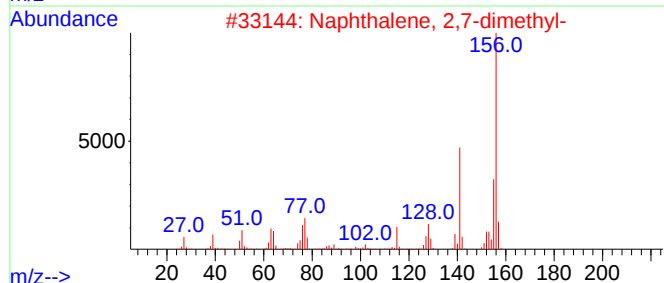
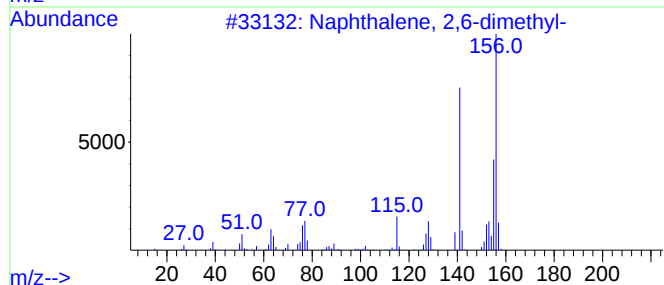
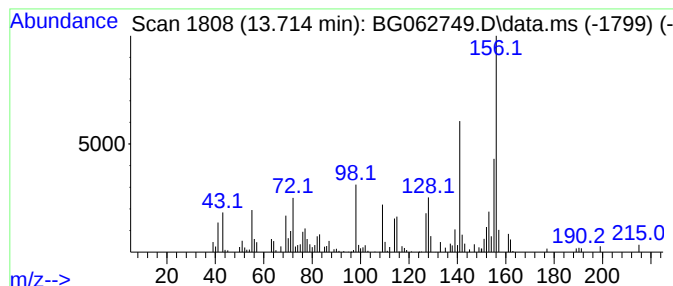
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Quant Title : SVOA CALIBRATION

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

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Peak Number 40 Naphthalene, 2,6-dimethyl- Concentration Rank 47

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.714 | 2.92 ng/ul | 162928 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 95   |
| 2    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 83   |
| 3    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 70   |
| 4    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 64   |
| 5    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

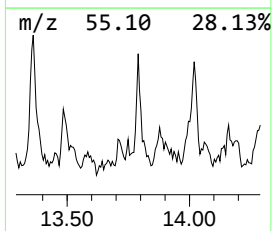
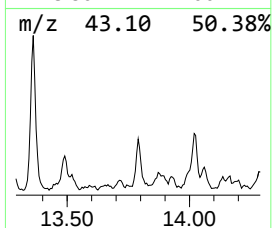
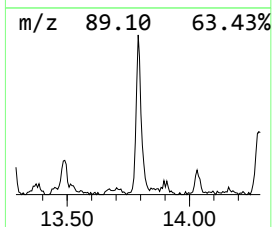
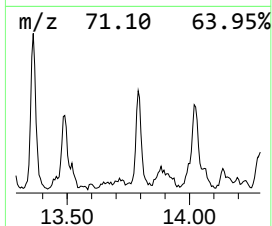
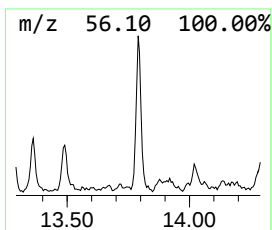
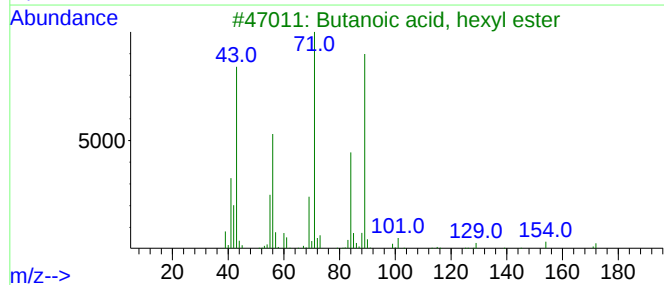
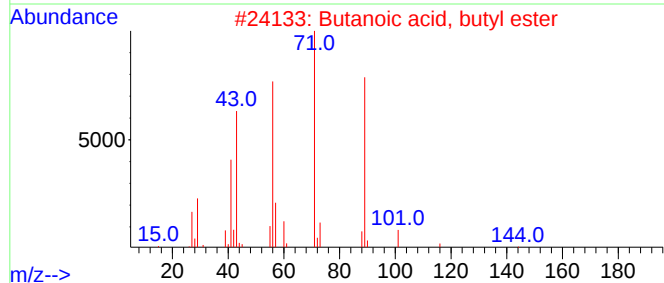
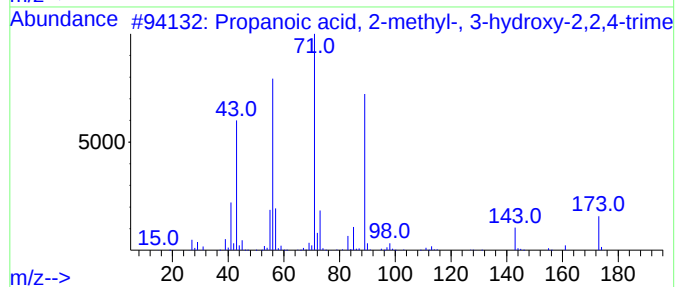
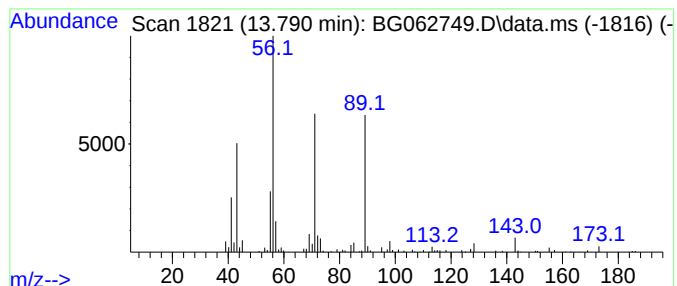
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Quant Title : SVOA CALIBRATION

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

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Peak Number 41 unknown-05 Concentration Rank 40

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.790 | 3.40 ng/ul | 189695 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Propanoic acid, 2-methyl-, 3-hyd... | 216 | C12H24O3 | 000077-68-9  | 42   |
| 2    |    |   | Butanoic acid, butyl ester          | 144 | C8H16O2  | 000109-21-7  | 40   |
| 3    |    |   | Butanoic acid, hexyl ester          | 172 | C10H20O2 | 002639-63-6  | 37   |
| 4    |    |   | 3,4,5-Trimethyldihydrofuran-2-one   | 128 | C7H12O2  | 1000194-05-2 | 35   |
| 5    |    |   | 2-Methylcyclohexylamine             | 113 | C7H15N   | 007003-32-9  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

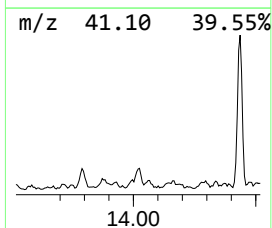
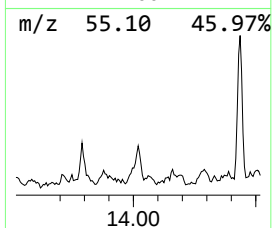
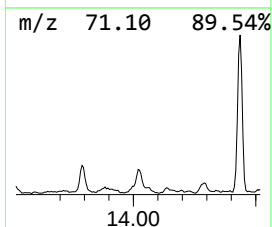
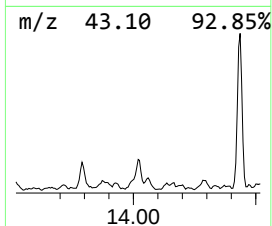
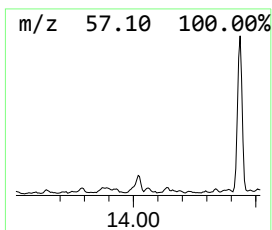
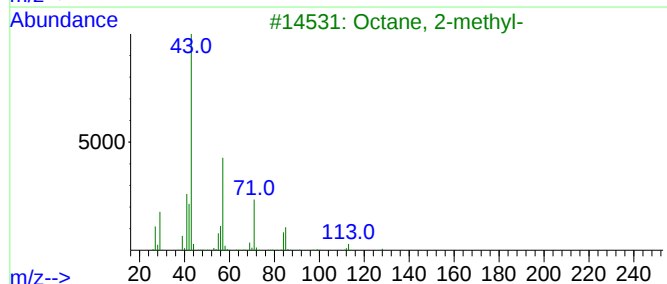
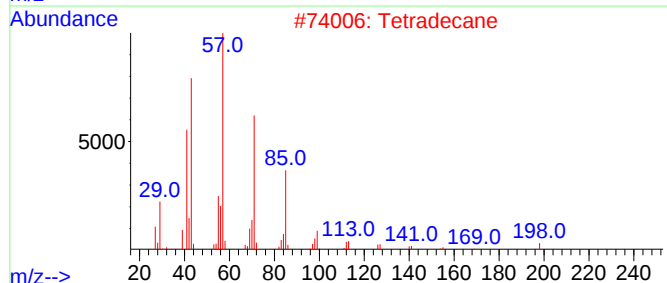
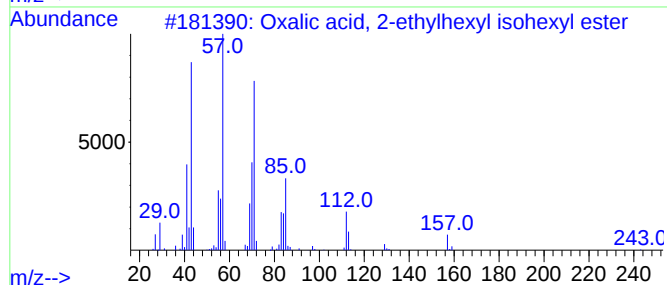
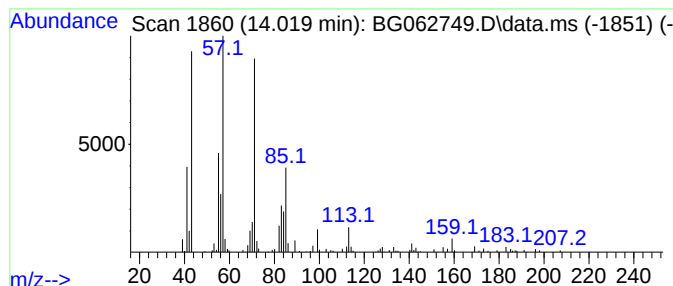
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Quant Title : SVOA CALIBRATION

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

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Peak Number 43 Oxalic acid, 2-ethylhexyl i... Concentration Rank 29

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.019 | 4.13 ng/ul | 230432 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxalic acid, 2-ethylhexyl isohex... | 286 | C16H30O4 | 1000309-38-8 | 86   |
| 2    |    |   | Tetradecane                         | 198 | C14H30   | 000629-59-4  | 83   |
| 3    |    |   | Octane, 2-methyl-                   | 128 | C9H20    | 003221-61-2  | 74   |
| 4    |    |   | Heptane, 2,6-dimethyl-              | 128 | C9H20    | 001072-05-5  | 72   |
| 5    |    |   | Hexane, 3,3-dimethyl-               | 114 | C8H18    | 000563-16-6  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

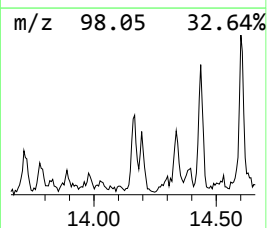
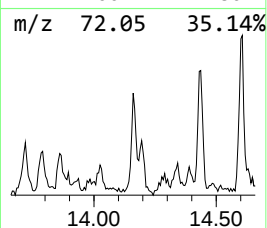
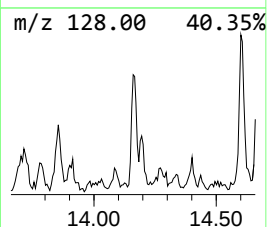
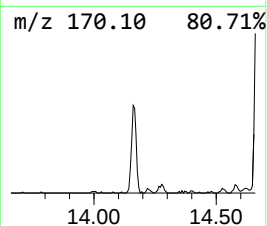
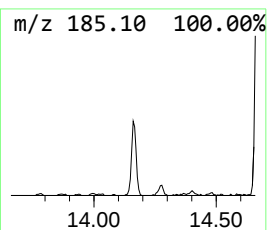
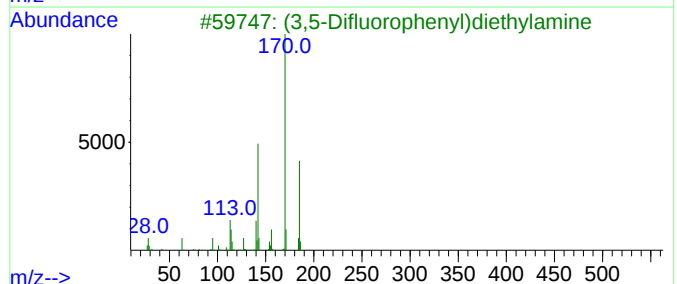
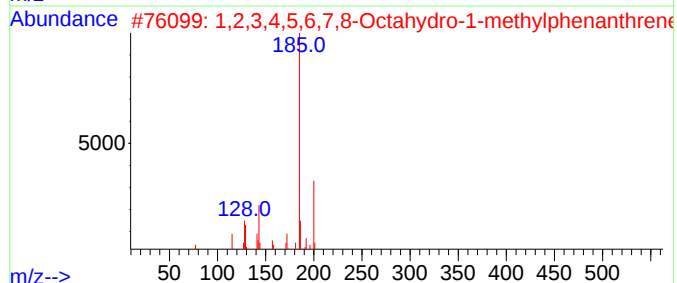
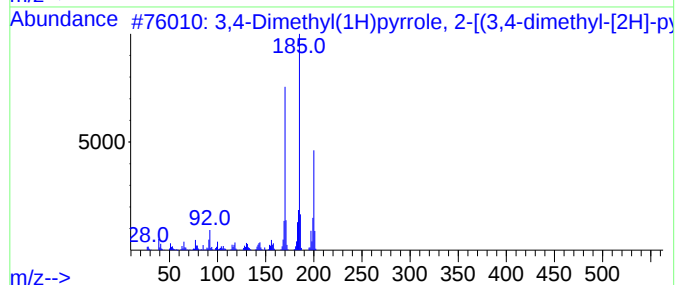
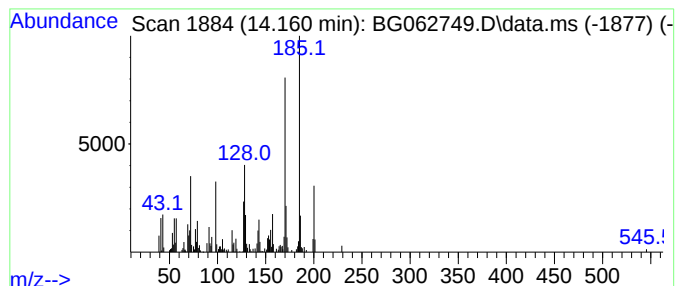
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Quant Title : SVOA CALIBRATION

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

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Peak Number 44 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 39

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.160 | 3.49 ng/ul | 194462 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2  | 065539-79-9  | 52   |
| 2    |    |   | 1,2,3,4,5,6,7,8-Octahydro-1-meth... | 200 | C15H20    | 1000080-19-4 | 46   |
| 3    |    |   | (3,5-Difluorophenyl)diethylamine    | 185 | C10H13F2N | 1000306-62-9 | 43   |
| 4    |    |   | Silane, trimethyl-2-naphthalenyl-   | 200 | C13H16Si  | 018052-85-2  | 25   |
| 5    |    |   | 1H-Pyrazole, 5-(t-butyl)-3-phenyl-  | 200 | C13H16N2  | 1000261-34-8 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

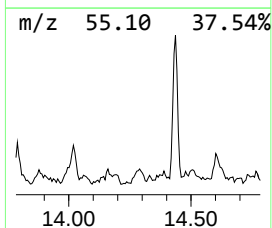
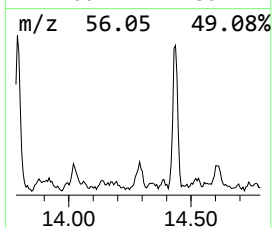
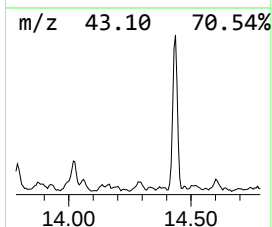
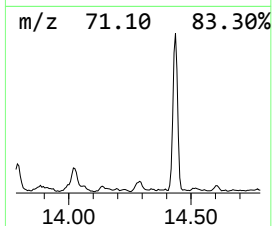
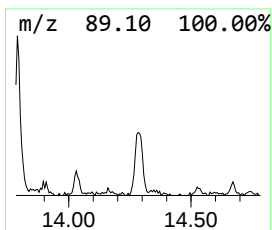
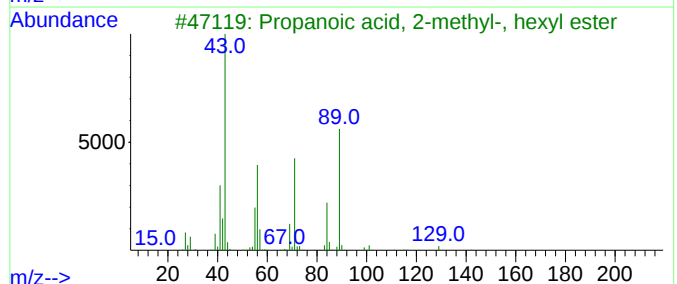
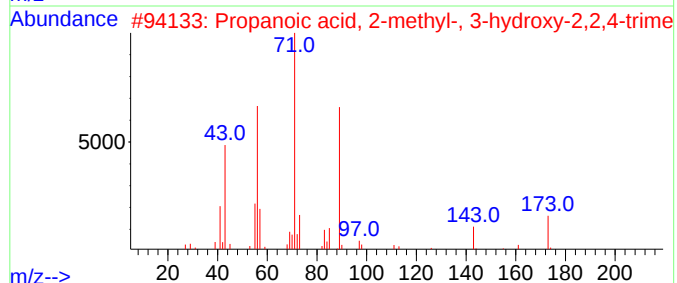
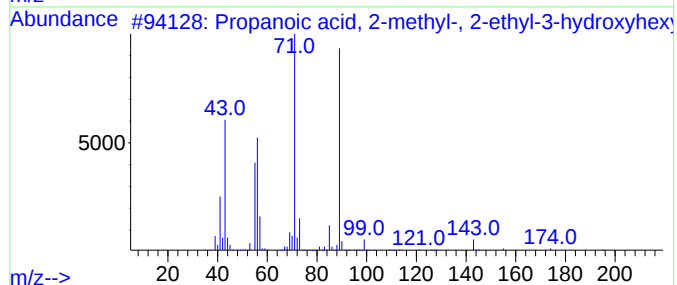
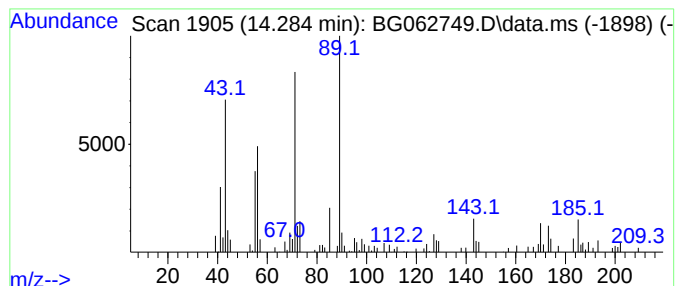
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 45 Propanoic acid, 2-methyl-, ... Concentration Rank 61

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.284 | 2.35 ng/ul | 130785 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Propanoic acid, 2-methyl-, 2-eth... | 216 | C12H24O3  | 074367-31-0  | 78   |
| 2    |    |   | Propanoic acid, 2-methyl-, 3-hyd... | 216 | C12H24O3  | 000077-68-9  | 72   |
| 3    |    |   | Propanoic acid, 2-methyl-, hexyl... | 172 | C10H20O2  | 002349-07-7  | 64   |
| 4    |    |   | Propanoic acid, 2-methyl-, butyl... | 144 | C8H16O2   | 000097-87-0  | 56   |
| 5    |    |   | Methyl 2-(hydroxymethyl)acrylate... | 188 | C8H16O3Si | 1000514-81-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

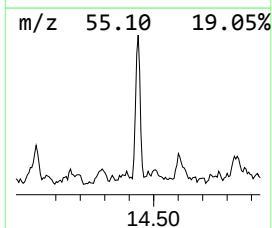
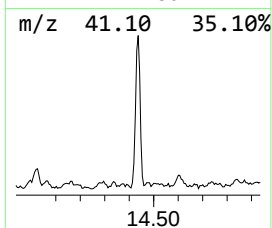
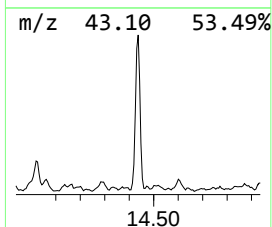
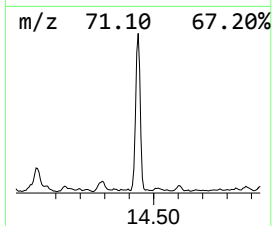
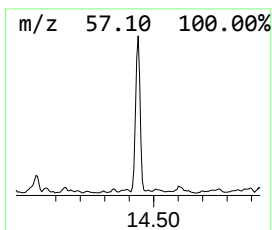
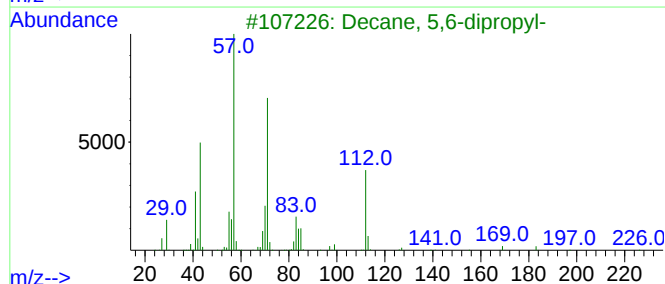
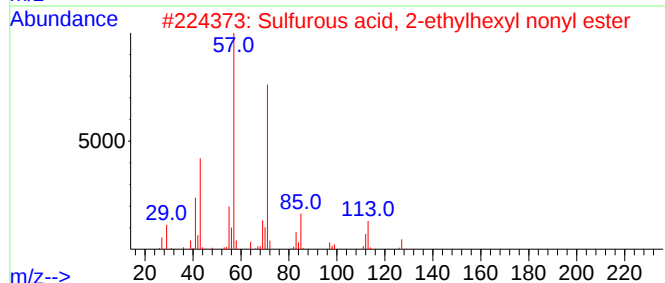
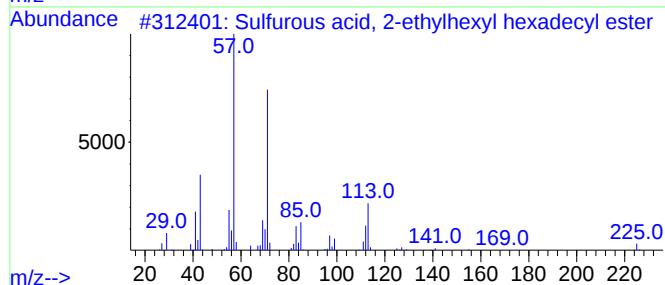
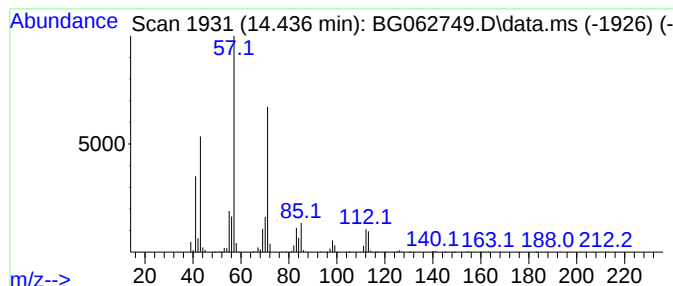
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Quant Title : SVOA CALIBRATION

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

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Peak Number 46 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 14.436 | 16.55 ng/ul | 922925 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 418 | C24H50O3S | 1000309-19-9 | 78   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 72   |
| 3    |    |   | Decane, 5,6-dipropyl-               | 226 | C16H34    | 119209-20-0  | 72   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 64   |
| 5    |    |   | 2-Ethylhexyl mercaptoacetate        | 204 | C10H20O2S | 007659-86-1  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

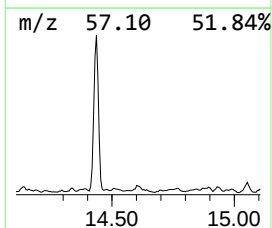
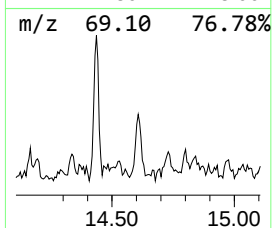
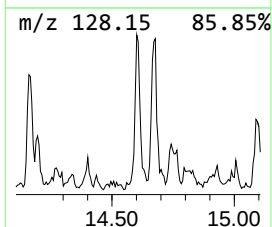
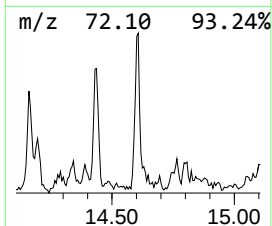
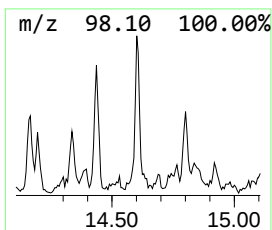
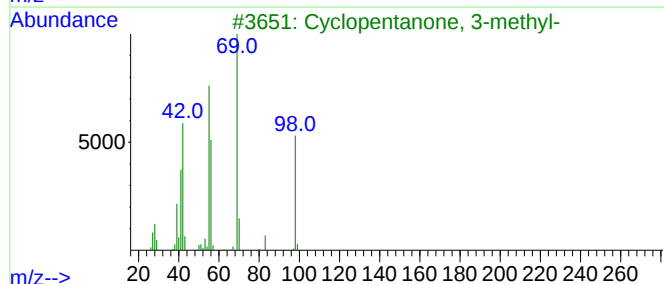
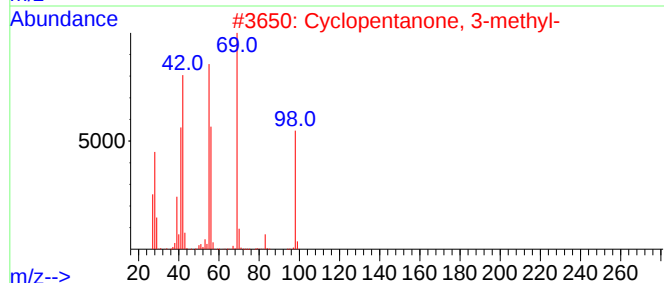
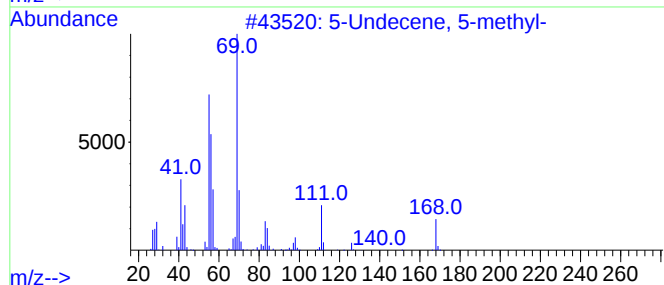
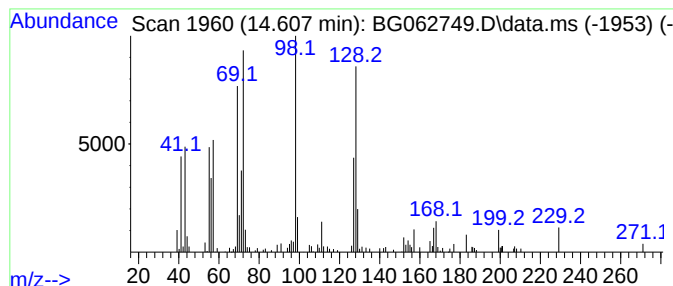
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TIC Integration Parameters: LSCINT.P

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Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.607 | 3.31 ng/ul | 184683 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 5-Undecene, 5-methyl-               | 168 | C12H24   | 031613-73-7  | 25   |
| 2    |    |   | Cyclopentanone, 3-methyl-           | 98  | C6H10O   | 001757-42-2  | 22   |
| 3    |    |   | Cyclopentanone, 3-methyl-           | 98  | C6H10O   | 001757-42-2  | 22   |
| 4    |    |   | Glycine, N-cyclopropylcarbonyl-,... | 157 | C7H11NO3 | 1000282-55-0 | 14   |
| 5    |    |   | (R)-(+)-3-Methylcyclopentanone      | 98  | C6H10O   | 006672-30-6  | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

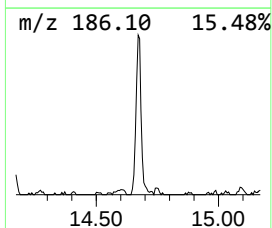
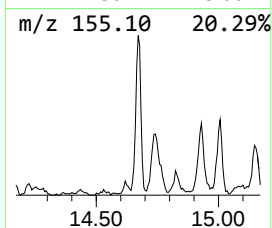
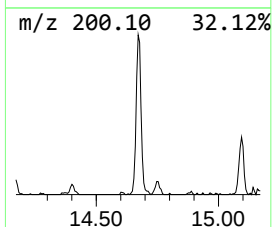
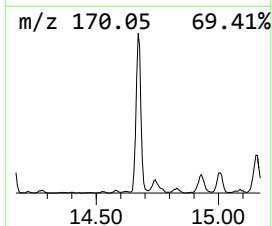
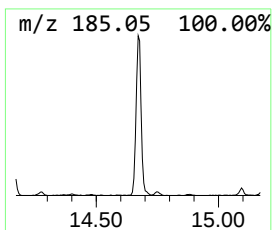
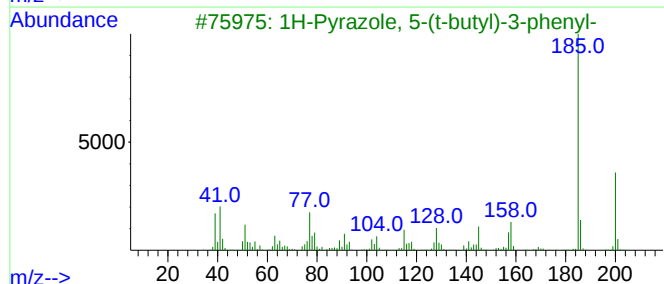
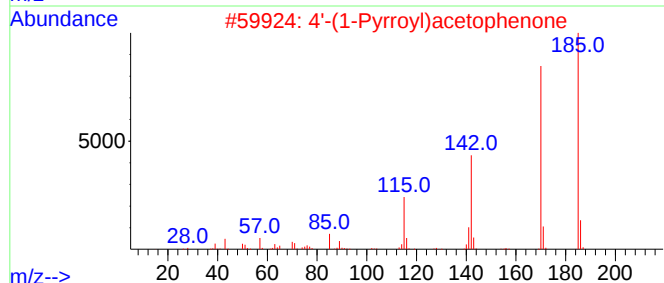
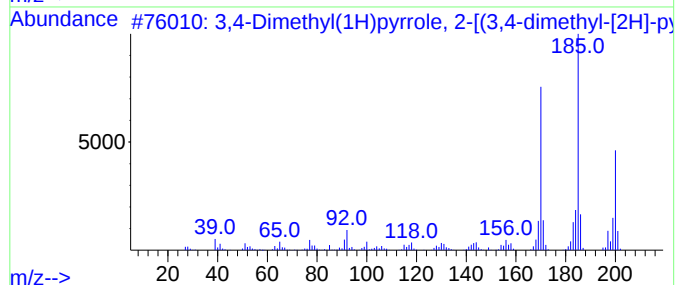
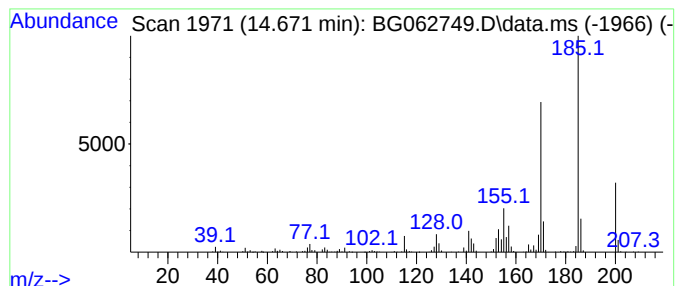
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Quant Title : SVOA CALIBRATION

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

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Peak Number 48 4'-(1-Pyrrolyl)acetophenone Concentration Rank 7

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 14.671 | 10.57 ng/ul | 589289 | Acenaphthene-d10 | 14.530 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2     | 065539-79-9  | 59      |      |      |
| 2    | 4'-(1-Pyrrolyl)acetophenone         | 185 | C12H11NO     | 022106-37-2  | 58      |      |      |
| 3    | 1H-Pyrazole, 5-(t-butyl)-3-phenyl-  | 200 | C13H16N2     | 1000261-34-8 | 49      |      |      |
| 4    | Ethanone, 1-(6-methoxy-1-naphtha... | 200 | C13H12O2     | 058149-89-6  | 47      |      |      |
| 5    | 9-Methyl-S-octahydroanthracene      | 200 | C15H20       | 004948-51-0  | 38      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

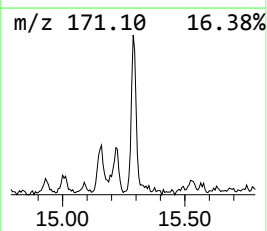
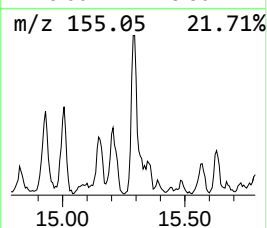
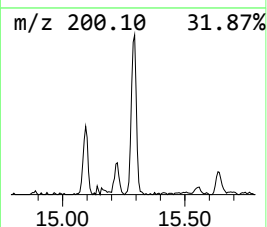
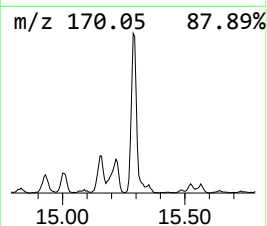
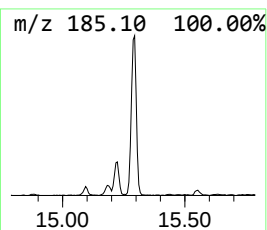
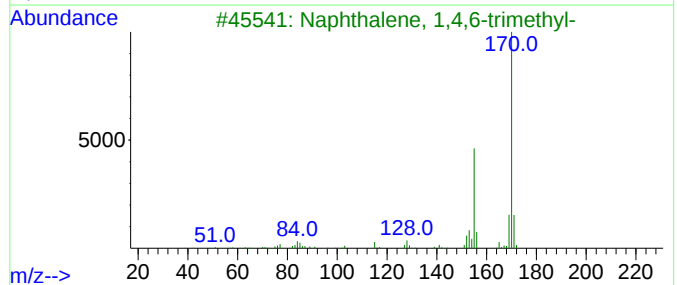
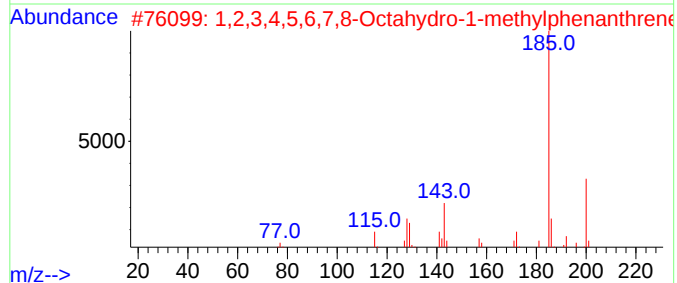
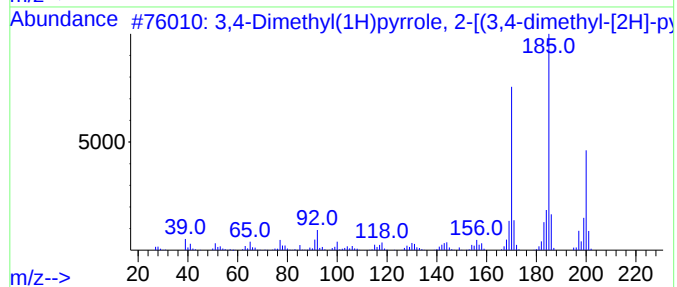
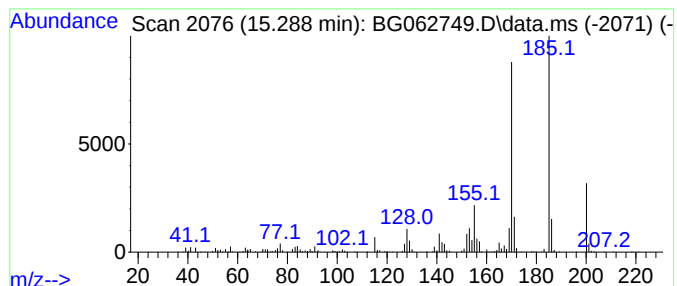
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 52 1,2,3,4,5,6,7,8-Octahydro-1... Concentration Rank 6

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 15.288 | 10.57 ng/ul | 589721 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9  | 52   |
| 2    |    |   | 1,2,3,4,5,6,7,8-Octahydro-1-meth... | 200 | C15H20   | 1000080-19-4 | 50   |
| 3    |    |   | Naphthalene, 1,4,6-trimethyl-       | 170 | C13H14   | 002131-42-2  | 46   |
| 4    |    |   | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14   | 002245-38-7  | 46   |
| 5    |    |   | 4,6,8-Trimethylazulene              | 170 | C13H14   | 000941-81-1  | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

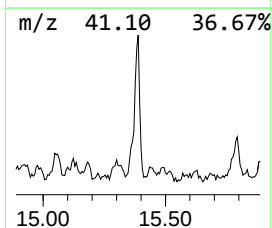
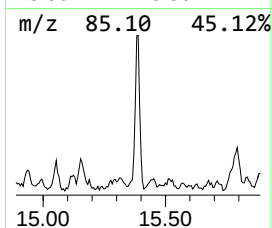
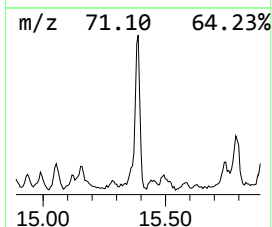
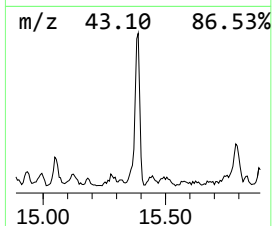
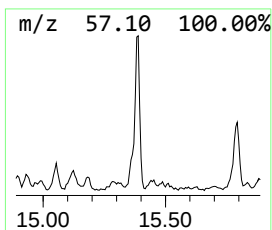
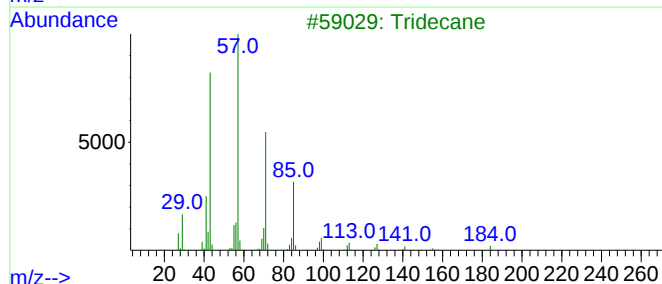
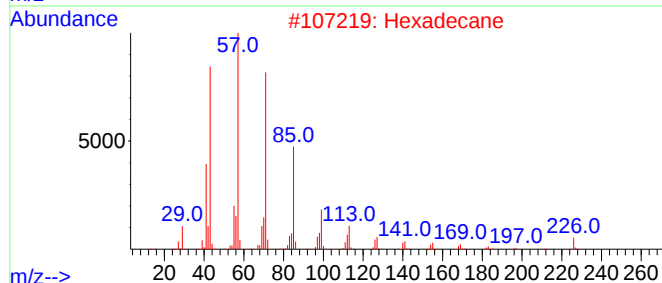
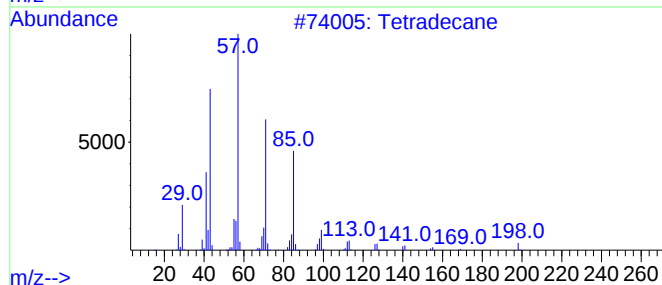
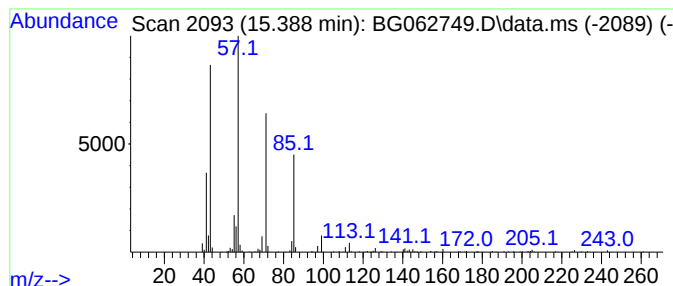
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Quant Title : SVOA CALIBRATION

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

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Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.      | EstConc      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|--------|------------------|---------|-------------|------|
| 15.388    | 6.84 ng/ul   | 381378 | Acenaphthene-d10 |         | 14.530      |      |
| Hit# of 5 | Tentative ID |        | MW               | MolForm | CAS#        | Qual |
| 1         | Tetradecane  |        | 198              | C14H30  | 000629-59-4 | 78   |
| 2         | Hexadecane   |        | 226              | C16H34  | 000544-76-3 | 70   |
| 3         | Tridecane    |        | 184              | C13H28  | 000629-50-5 | 64   |
| 4         | Nonadecane   |        | 268              | C19H40  | 000629-92-5 | 64   |
| 5         | Hexadecane   |        | 226              | C16H34  | 000544-76-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

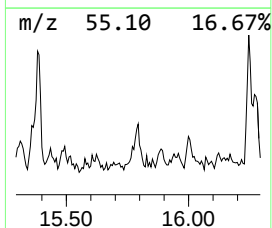
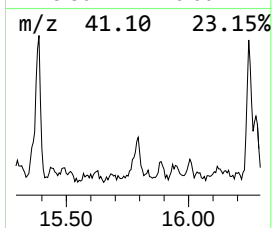
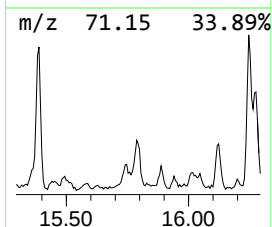
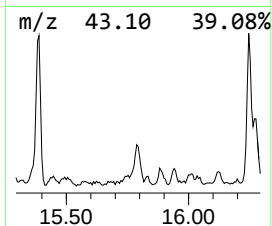
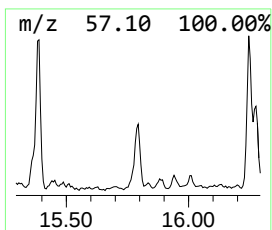
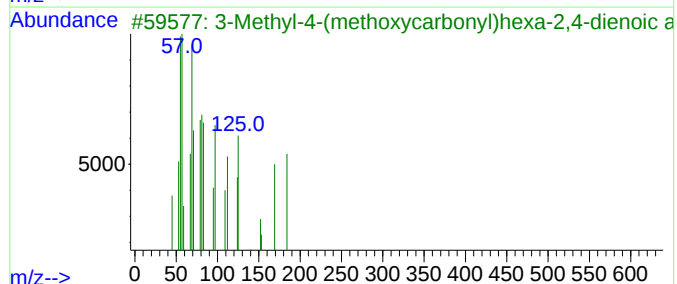
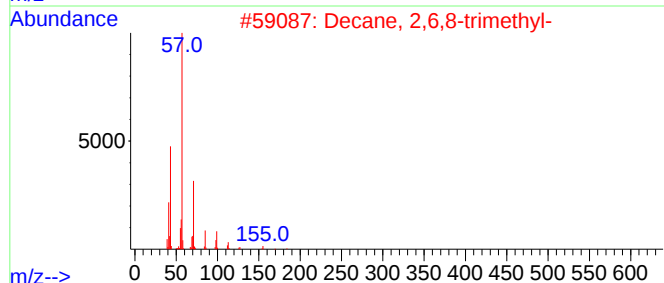
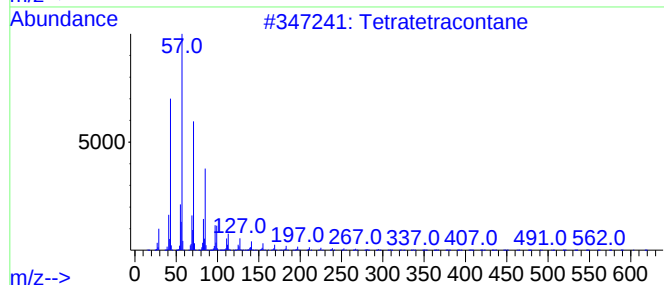
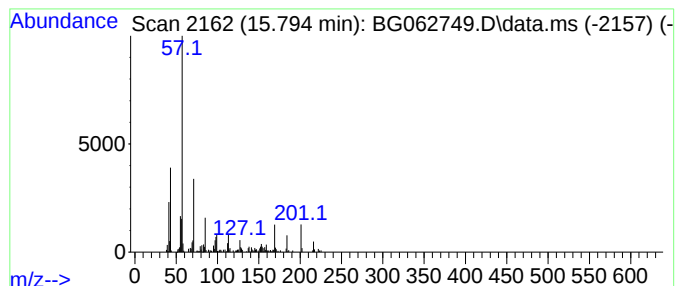
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 48

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.794 | 2.77 ng/ul | 154558 | Acenaphthene-d10 | 14.530 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Tetratetracontane                   | 619 | C44H90  | 007098-22-8  | 43   |
| 2    |    |   | Decane, 2,6,8-trimethyl-            | 184 | C13H28  | 062108-26-3  | 38   |
| 3    |    |   | 3-Methyl-4-(methoxycarbonyl)hexa... | 184 | C9H12O4 | 1010104-10-8 | 38   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0  | 38   |
| 5    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22  | 002051-30-1  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

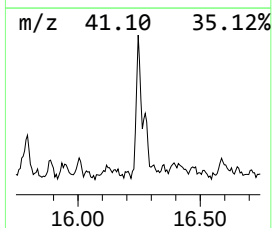
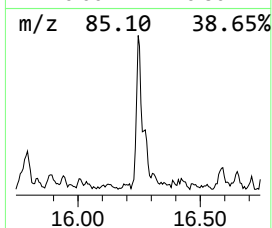
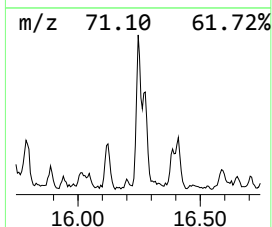
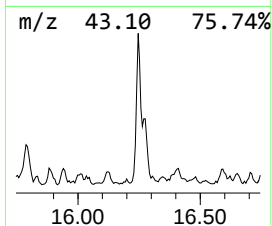
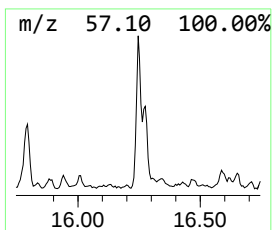
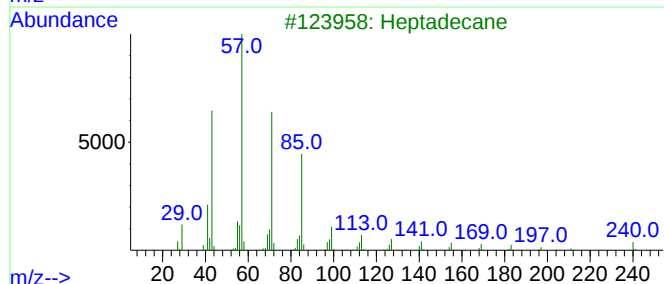
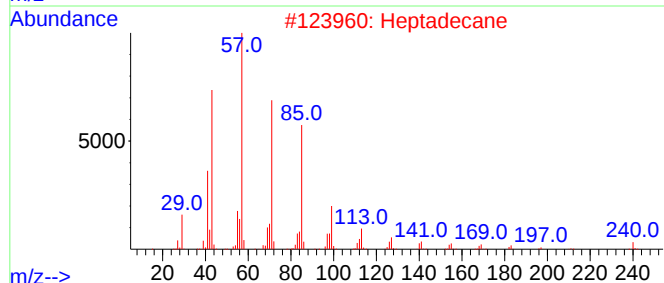
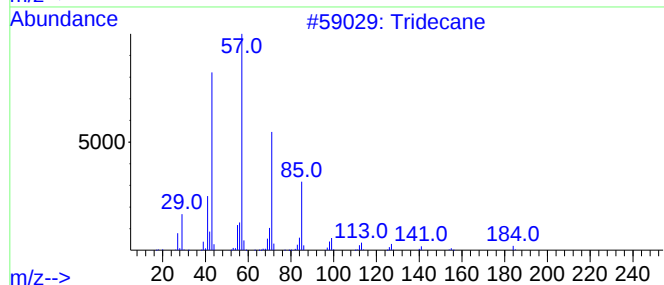
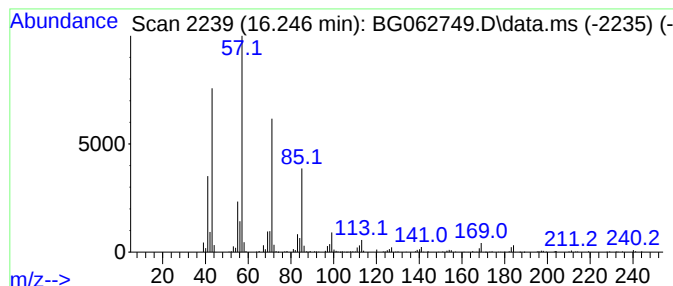
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.246 | 5.16 ng/ul | 415126 | Phenanthrene-d10 | 17.280 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 95   |
| 2    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 95   |
| 3    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 4    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 5    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

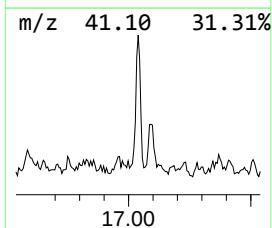
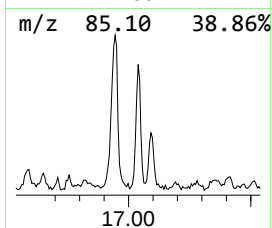
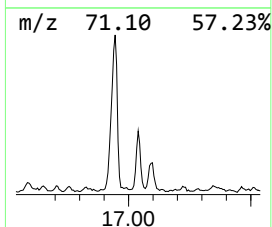
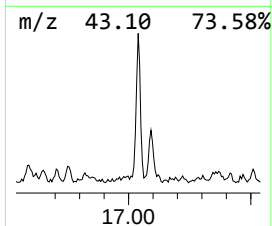
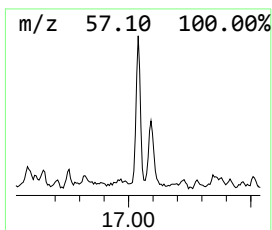
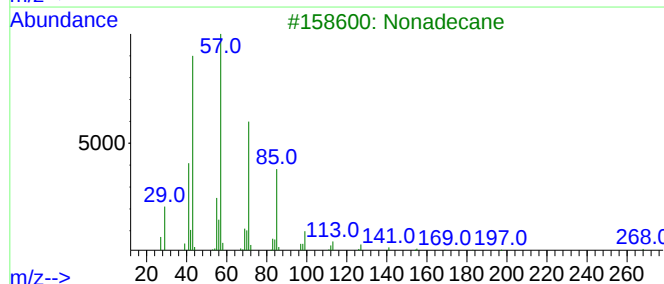
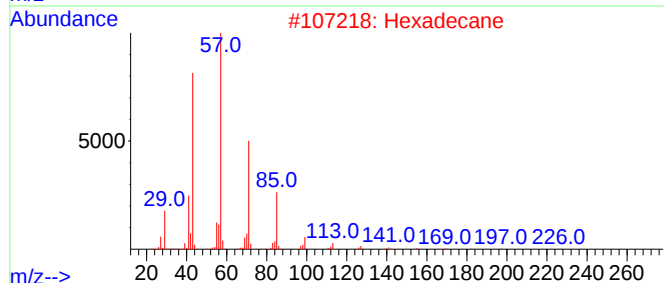
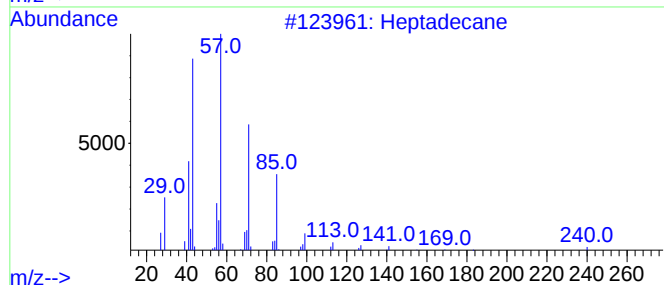
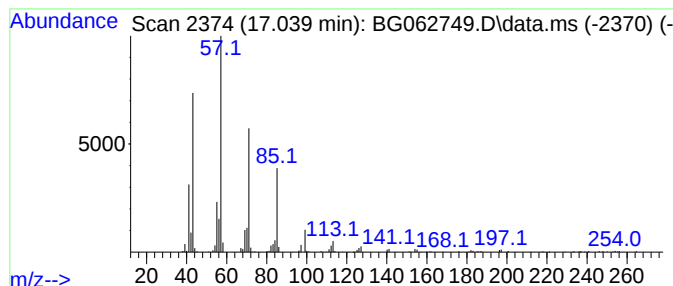
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Quant Title : SVOA CALIBRATION

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

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Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T.      | EstConc      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|--------|------------------|---------|-------------|------|
| 17.039    | 4.88 ng/ul   | 392089 | Phenanthrene-d10 |         | 17.280      |      |
| Hit# of 5 | Tentative ID |        | MW               | MolForm | CAS#        | Qual |
| 1         | Heptadecane  |        | 240              | C17H36  | 000629-78-7 | 90   |
| 2         | Hexadecane   |        | 226              | C16H34  | 000544-76-3 | 90   |
| 3         | Nonadecane   |        | 268              | C19H40  | 000629-92-5 | 90   |
| 4         | Tetradecane  |        | 198              | C14H30  | 000629-59-4 | 86   |
| 5         | Eicosane     |        | 282              | C20H42  | 000112-95-8 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

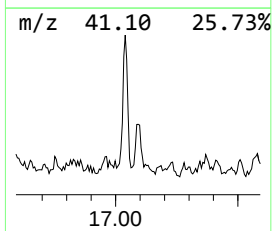
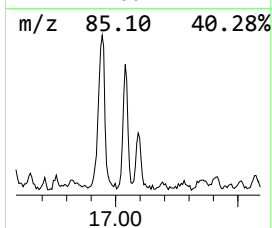
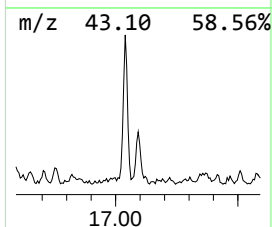
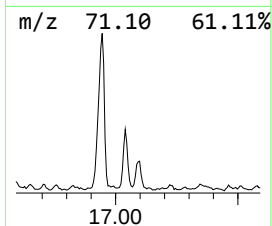
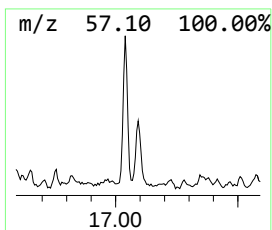
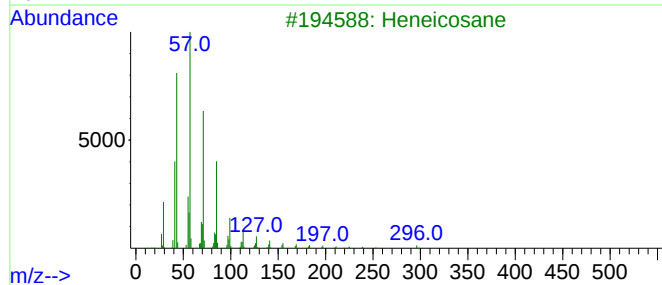
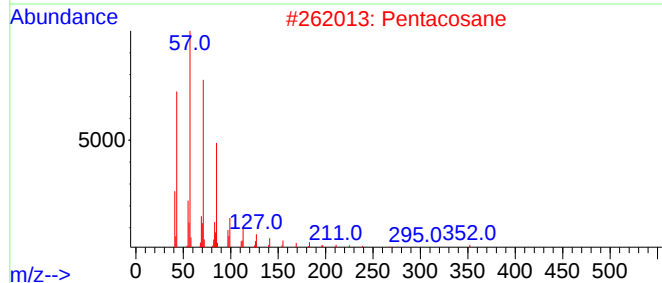
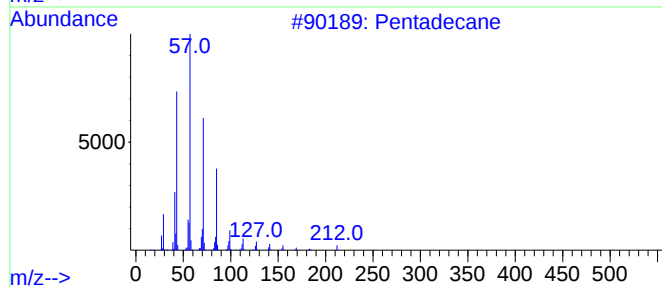
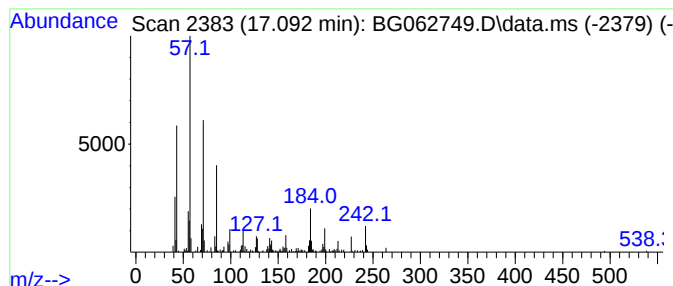
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 38

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.092 | 3.55 ng/ul | 285210 | Phenanthrene-d10 | 17.280 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Pentadecane                         | 212 | C15H32  | 000629-62-9 | 70   |
| 2    |      | Pentacosane                         | 352 | C25H52  | 000629-99-2 | 64   |
| 3    |      | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 62   |
| 4    |      | Tetracosane                         | 338 | C24H50  | 000646-31-1 | 62   |
| 5    |      | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

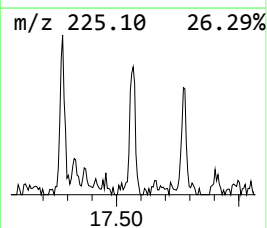
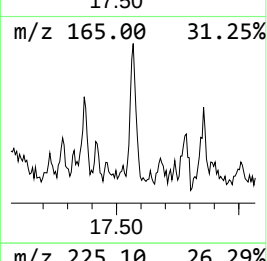
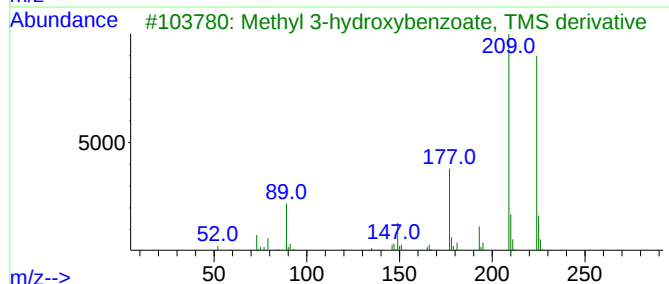
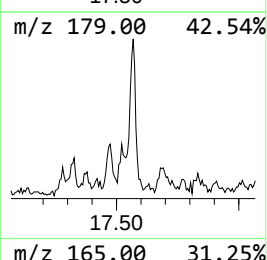
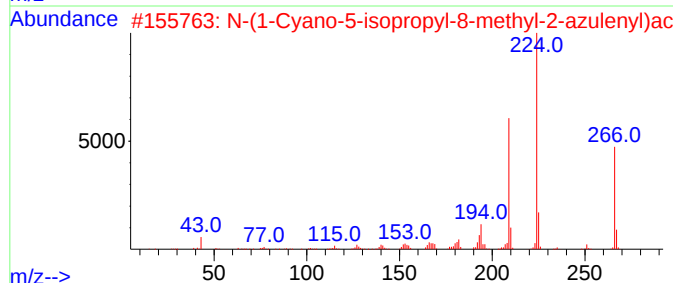
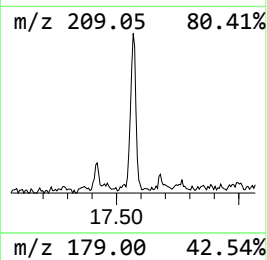
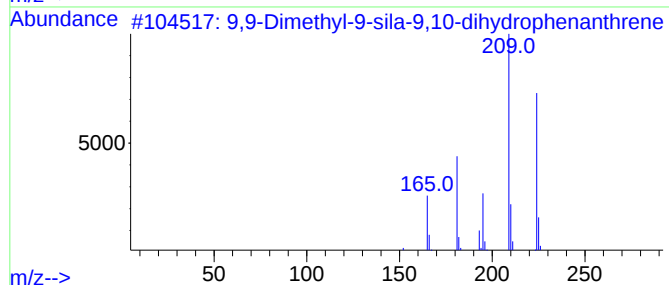
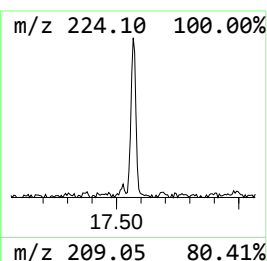
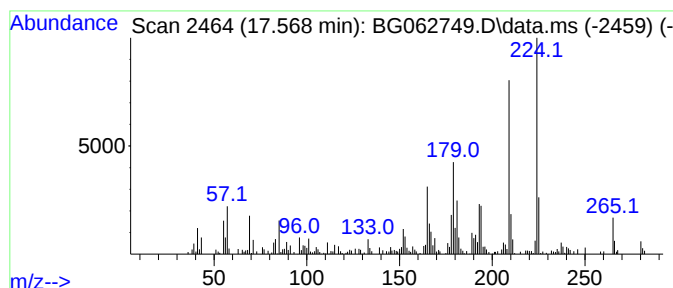
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Quant Title : SVOA CALIBRATION

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

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Peak Number 61 9,9-Dimethyl-9-sila-9,10-di... Concentration Rank 46

| R.T.      | EstConc                             | Area   | Relative to ISTD |            |             | R.T.   |
|-----------|-------------------------------------|--------|------------------|------------|-------------|--------|
| 17.568    | 3.02 ng/ul                          | 242948 | Phenanthrene-d10 |            |             | 17.280 |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm    | CAS#        | Qual   |
| 1         | 9,9-Dimethyl-9-sila-9,10-dihydro... |        | 224              | C15H16Si   | 187328-55-8 | 70     |
| 2         | N-(1-Cyano-5-isopropyl-8-methyl-... |        | 266              | C17H18N2O  | 093648-58-9 | 64     |
| 3         | Methyl 3-hydroxybenzoate, TMS de... |        | 224              | C11H16O3Si | 027798-50-1 | 47     |
| 4         | Carbazole, 2,4,7-trimethyl-         |        | 209              | C15H15N    | 078787-89-0 | 38     |
| 5         | Carbazole, 1,5,7-trimethyl-         |        | 209              | C15H15N    | 078787-84-5 | 30     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

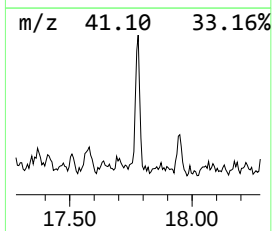
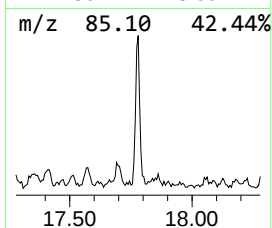
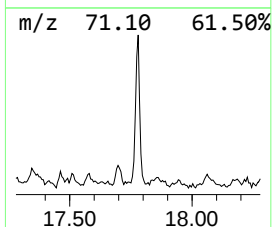
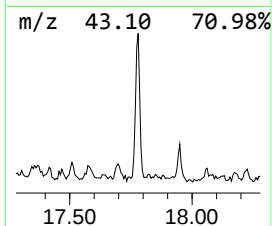
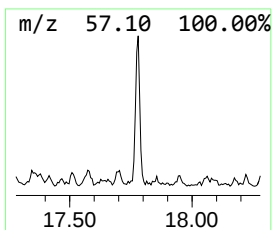
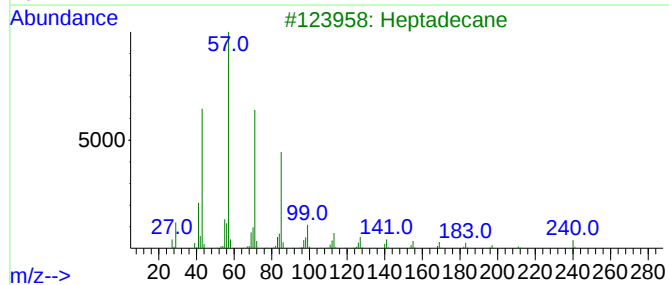
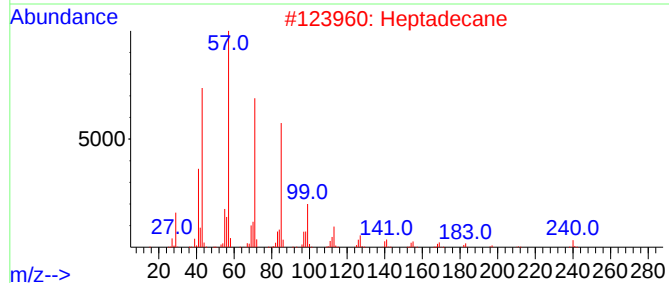
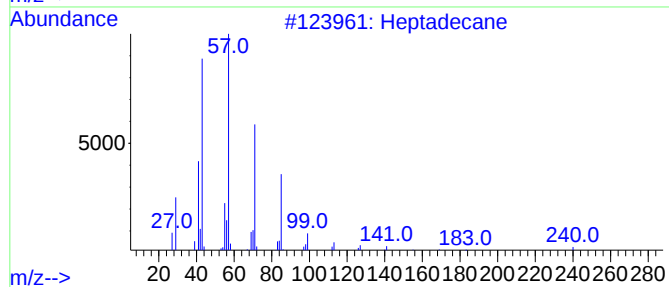
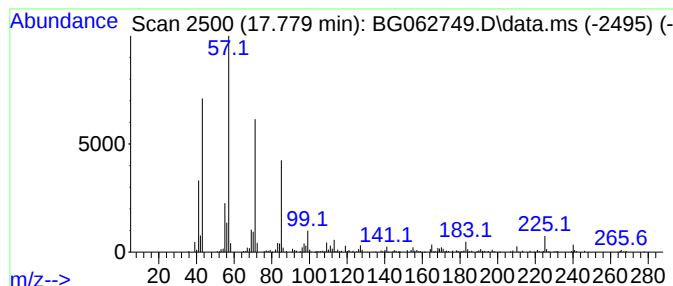
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.779 | 3.98 ng/ul | 319920 | Phenanthrene-d10 | 17.280 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Heptadecane                      | 240 | C17H36  | 000629-78-7  | 95   |
| 2    |    |   | Heptadecane                      | 240 | C17H36  | 000629-78-7  | 91   |
| 3    |    |   | Heptadecane                      | 240 | C17H36  | 000629-78-7  | 90   |
| 4    |    |   | Nonadecane                       | 268 | C19H40  | 000629-92-5  | 90   |
| 5    |    |   | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34  | 1000432-25-9 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

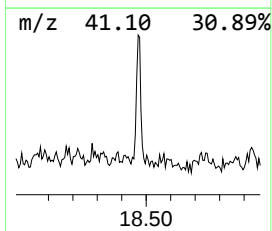
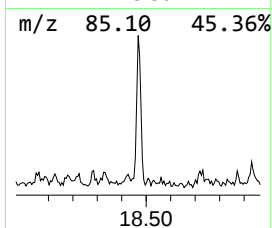
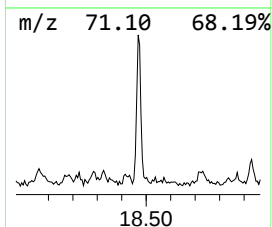
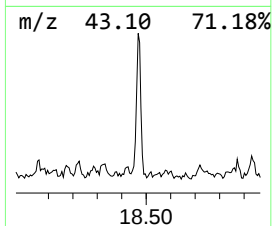
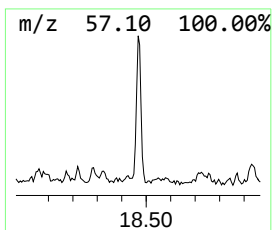
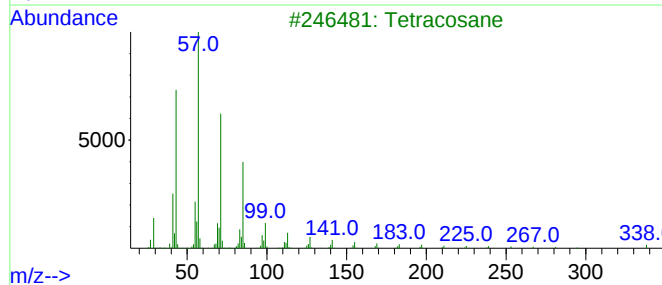
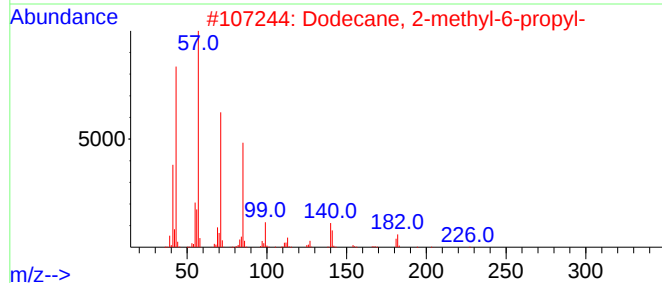
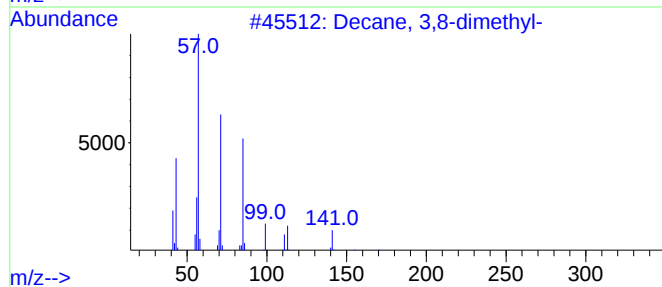
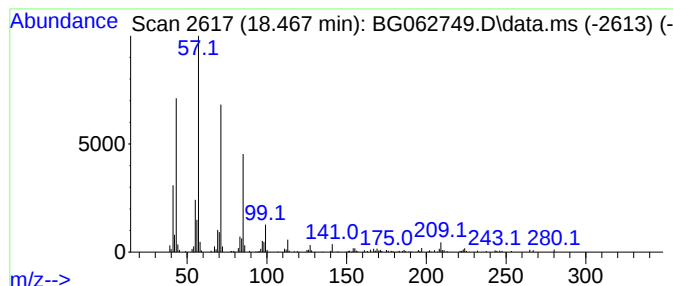
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 57

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.467 | 2.48 ng/ul | 199150 | Phenanthrene-d10 | 17.280 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | Decane, 3,8-dimethyl-        | 170 | C12H26  | 017312-55-9 | 83   |
| 2    |      | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 80   |
| 3    |      | Tetracosane                  | 338 | C24H50  | 000646-31-1 | 80   |
| 4    |      | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 80   |
| 5    |      | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

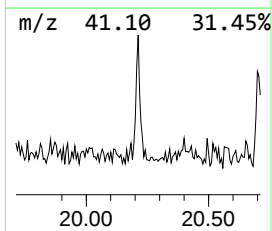
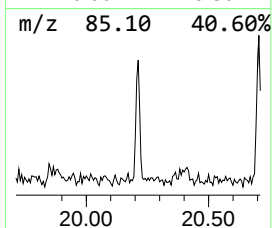
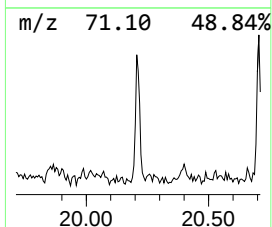
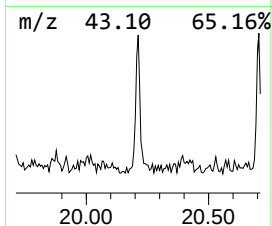
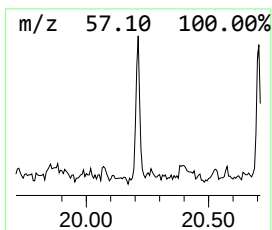
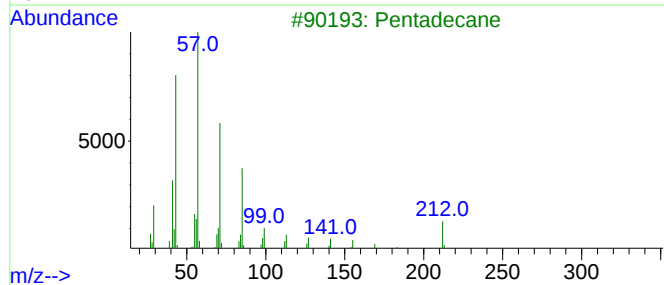
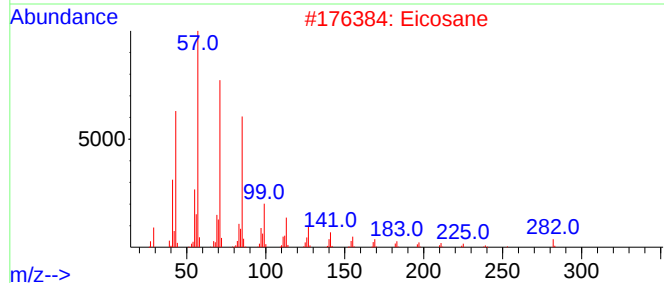
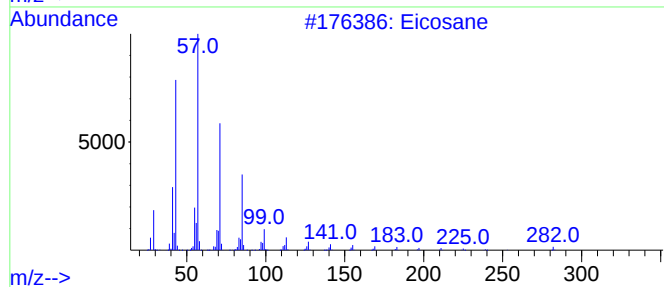
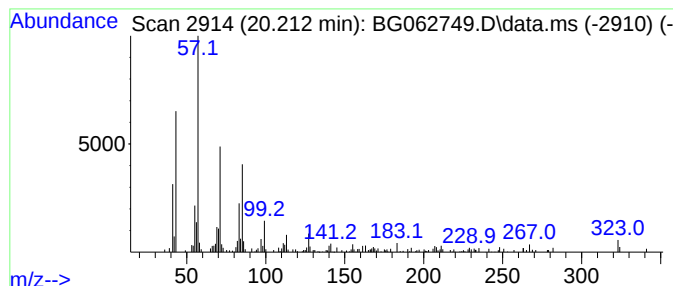
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.212 | 2.39 ng/ul | 214316 | Chrysene-d12     | 21.522 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane             | 282 | C20H42  | 000112-95-8 | 97   |
| 2    |    |   | Eicosane             | 282 | C20H42  | 000112-95-8 | 90   |
| 3    |    |   | Pentadecane          | 212 | C15H32  | 000629-62-9 | 89   |
| 4    |    |   | Tridecane, 6-propyl- | 226 | C16H34  | 055045-10-8 | 89   |
| 5    |    |   | Pentadecane          | 212 | C15H32  | 000629-62-9 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
Data File : BG062749.D  
Acq On : 12 Sep 2024 00:14  
Operator : JU/RC  
Sample : P3877-02DL 10X  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION

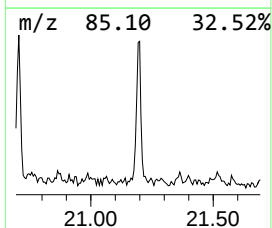
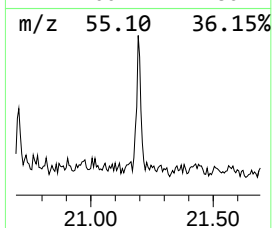
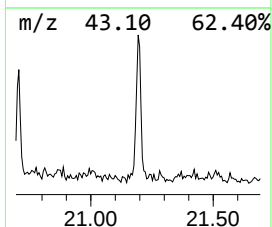
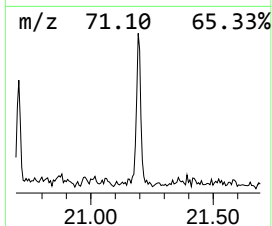
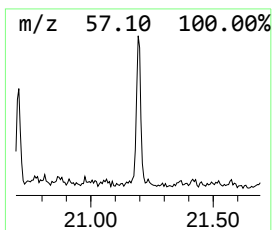
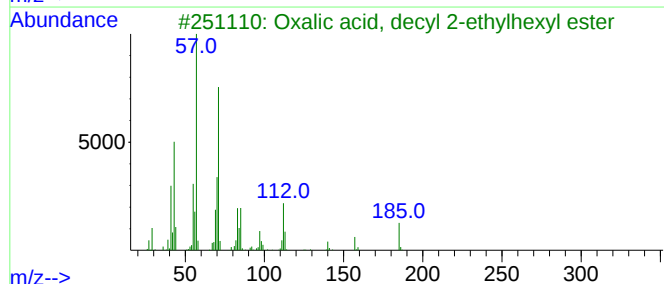
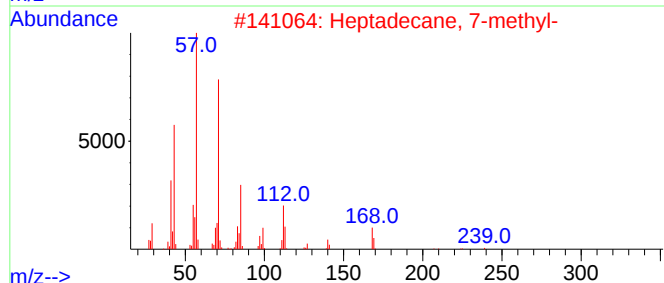
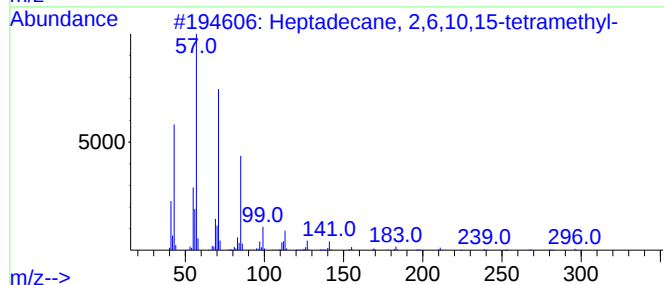
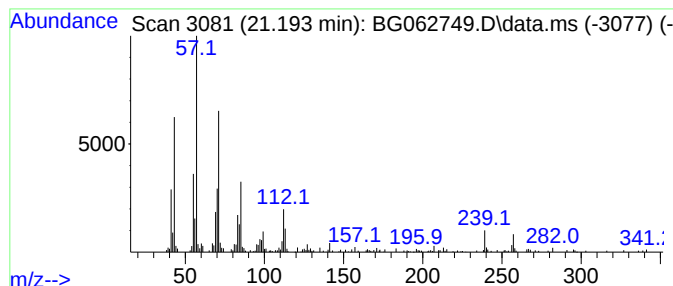
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 64

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.193 | 2.11 ng/ul | 189015 | Chrysene-d12     | 21.522 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44   | 054833-48-6  | 96   |
| 2    |    |   | Heptadecane, 7-methyl-              | 254 | C18H38   | 020959-33-5  | 80   |
| 3    |    |   | Oxalic acid, decyl 2-ethylhexyl ... | 342 | C20H38O4 | 1000309-39-3 | 72   |
| 4    |    |   | Oxalic acid, 2-ethylhexyl tetrad... | 398 | C24H46O4 | 1000309-39-7 | 72   |
| 5    |    |   | Heneicosane                         | 296 | C21H44   | 000629-94-7  | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
 Data File : BG062749.D  
 Acq On : 12 Sep 2024 00:14  
 Operator : JU/RC  
 Sample : P3877-02DL 10X  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCVX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.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 |
| (DEL) Alkane: S... | 5.929  | 15.5    | ng/ul | 470505   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 6.399  | 3.9     | ng/ul | 118960   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 6.469  | 4.0     | ng/ul | 123073   | 1                     | 7.903  | 607515  | 20.0 |
| Cyclohexanone, ... | 6.551  | 5.5     | ng/ul | 168150   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 6.810  | 3.2     | ng/ul | 98100    | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 6.904  | 6.5     | ng/ul | 197415   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 6.957  | 6.7     | ng/ul | 202813   | 1                     | 7.903  | 607515  | 20.0 |
| Benzene, 1-ethy... | 6.998  | 5.6     | ng/ul | 170628   | 1                     | 7.903  | 607515  | 20.0 |
| Mesitylene         | 7.133  | 4.2     | ng/ul | 128331   | 1                     | 7.903  | 607515  | 20.0 |
| Benzene, 1,2,4-... | 7.298  | 4.8     | ng/ul | 144781   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 7.533  | 42.7    | ng/ul | 1298140  | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 7.826  | 4.2     | ng/ul | 126732   | 1                     | 7.903  | 607515  | 20.0 |
| 1-Hexanol, 2-et... | 7.967  | 28.4    | ng/ul | 861596   | 1                     | 7.903  | 607515  | 20.0 |
| Benzene, 1-ethy... | 8.020  | 4.9     | ng/ul | 148606   | 1                     | 7.903  | 607515  | 20.0 |
| 1,1-Hexylenedio... | 8.120  | 9.2     | ng/ul | 277909   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: C... | 8.197  | 3.7     | ng/ul | 111054   | 1                     | 7.903  | 607515  | 20.0 |
| Cyclohexanone, ... | 8.326  | 3.6     | ng/ul | 110806   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 8.437  | 6.1     | ng/ul | 186196   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 8.496  | 3.0     | ng/ul | 92766    | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 8.672  | 6.1     | ng/ul | 185457   | 1                     | 7.903  | 607515  | 20.0 |
| Oxirane, 2-meth... | 8.708  | 4.5     | ng/ul | 136824   | 1                     | 7.903  | 607515  | 20.0 |
| Benzene, 2-ethy... | 8.855  | 3.1     | ng/ul | 93396    | 1                     | 7.903  | 607515  | 20.0 |
| o-Cymene           | 8.907  | 4.1     | ng/ul | 125042   | 1                     | 7.903  | 607515  | 20.0 |
| Benzene, 4-ethy... | 9.007  | 8.8     | ng/ul | 268869   | 1                     | 7.903  | 607515  | 20.0 |
| (DEL) Alkane: S... | 9.131  | 31.4    | ng/ul | 952414   | 1                     | 7.903  | 607515  | 20.0 |
| unknown-01         | 9.260  | 6.6     | ng/ul | 200589   | 1                     | 7.903  | 607515  | 20.0 |
| unknown-02         | 9.331  | 2.3     | ng/ul | 154711   | 2                     | 10.694 | 1330540 | 20.0 |
| (DEL) Alkane: S... | 9.842  | 2.5     | ng/ul | 167843   | 2                     | 10.694 | 1330540 | 20.0 |
| Sulfurous acid,... | 9.983  | 2.7     | ng/ul | 182445   | 2                     | 10.694 | 1330540 | 20.0 |
| unknown-03         | 11.076 | 6.3     | ng/ul | 419114   | 2                     | 10.694 | 1330540 | 20.0 |
| (DEL) Alkane: S... | 11.722 | 2.7     | ng/ul | 181469   | 2                     | 10.694 | 1330540 | 20.0 |
| Benzene, 1,3,5-... | 11.792 | 6.1     | ng/ul | 406594   | 2                     | 10.694 | 1330540 | 20.0 |
| unknown-04         | 11.957 | 4.1     | ng/ul | 271766   | 2                     | 10.694 | 1330540 | 20.0 |
| (DEL) Alkane: S... | 12.121 | 5.8     | ng/ul | 382827   | 2                     | 10.694 | 1330540 | 20.0 |
| (DEL) Alkane: C... | 12.151 | 3.1     | ng/ul | 205490   | 2                     | 10.694 | 1330540 | 20.0 |
| Oxalic acid, is... | 12.762 | 2.6     | ng/ul | 143582   | 3                     | 14.530 | 1115320 | 20.0 |
| 1-Iodo-2-methyl... | 12.938 | 2.3     | ng/ul | 127486   | 3                     | 14.530 | 1115320 | 20.0 |
| (DEL) Alkane: S... | 13.361 | 7.5     | ng/ul | 418765   | 3                     | 14.530 | 1115320 | 20.0 |
| Propanoic acid,... | 13.490 | 3.7     | ng/ul | 207122   | 3                     | 14.530 | 1115320 | 20.0 |
| Naphthalene, 2,... | 13.714 | 2.9     | ng/ul | 162928   | 3                     | 14.530 | 1115320 | 20.0 |
| unknown-05         | 13.790 | 3.4     | ng/ul | 189695   | 3                     | 14.530 | 1115320 | 20.0 |
| Oxalic acid, 2-... | 14.019 | 4.1     | ng/ul | 230432   | 3                     | 14.530 | 1115320 | 20.0 |
| 3,4-Dimethyl(1H... | 14.160 | 3.5     | ng/ul | 194462   | 3                     | 14.530 | 1115320 | 20.0 |
| Propanoic acid,... | 14.284 | 2.4     | ng/ul | 130785   | 3                     | 14.530 | 1115320 | 20.0 |
| Sulfurous acid,... | 14.436 | 16.6    | ng/ul | 922925   | 3                     | 14.530 | 1115320 | 20.0 |
| (DEL) Alkane: S... | 14.607 | 3.3     | ng/ul | 184683   | 3                     | 14.530 | 1115320 | 20.0 |
| 4'-(1-Pyrroyl)a... | 14.671 | 10.6    | ng/ul | 589289   | 3                     | 14.530 | 1115320 | 20.0 |
| 1,2,3,4,5,6,7,8... | 15.288 | 10.6    | ng/ul | 589721   | 3                     | 14.530 | 1115320 | 20.0 |
| (DEL) Alkane: S... | 15.388 | 6.8     | ng/ul | 381378   | 3                     | 14.530 | 1115320 | 20.0 |
| (DEL) Alkane: S... | 15.794 | 2.8     | ng/ul | 154558   | 3                     | 14.530 | 1115320 | 20.0 |
| (DEL) Alkane: S... | 16.246 | 5.2     | ng/ul | 415126   | 4                     | 17.280 | 1608350 | 20.0 |
| (DEL) Alkane: S... | 17.039 | 4.9     | ng/ul | 392089   | 4                     | 17.280 | 1608350 | 20.0 |

|                    |        |     |       |        |   |        |         |      |
|--------------------|--------|-----|-------|--------|---|--------|---------|------|
| (DEL) Alkane: S... | 17.092 | 3.5 | ng/ul | 285210 | 4 | 17.280 | 1608350 | 20.0 |
| 9,9-Dimethyl-9-... | 17.568 | 3.0 | ng/ul | 242948 | 4 | 17.280 | 1608350 | 20.0 |
| (DEL) Alkane: S... | 17.779 | 4.0 | ng/ul | 319920 | 4 | 17.280 | 1608350 | 20.0 |
| (DEL) Alkane: S... | 18.467 | 2.5 | ng/ul | 199150 | 4 | 17.280 | 1608350 | 20.0 |
| (DEL) Alkane: S... | 20.212 | 2.4 | ng/ul | 214316 | 5 | 21.522 | 1795210 | 20.0 |
| (DEL) Alkane: S... | 21.193 | 2.1 | ng/ul | 189015 | 5 | 21.522 | 1795210 | 20.0 |

Instrument :

BNA\_G

ClientSampleId :

DCVX7DL