

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
 Data File : BG062773.D  
 Acq On : 12 Sep 2024 22:18  
 Operator : JU/RC  
 Sample : P3877-07DL2 30X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCVY2DL2

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: BG062773.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         | 4.005       | 147           | 156         | 164          | rBV2     | 47128          | 107042        | 7.45%           | 0.925%        |
| 2         | 5.021       | 324           | 329         | 334          | rBV2     | 21410          | 32884         | 2.29%           | 0.284%        |
| 3         | 5.932       | 478           | 484         | 490          | rVB2     | 44675          | 70639         | 4.92%           | 0.610%        |
| 4         | 6.214       | 521           | 532         | 537          | rBV2     | 31828          | 63316         | 4.41%           | 0.547%        |
| 5         | 6.402       | 558           | 564         | 571          | rVB4     | 14699          | 29699         | 2.07%           | 0.257%        |
| 6         | 6.467       | 571           | 575         | 580          | rBV2     | 15541          | 24408         | 1.70%           | 0.211%        |
| 7         | 6.549       | 580           | 589         | 592          | rBV4     | 11707          | 22720         | 1.58%           | 0.196%        |
| 8         | 6.813       | 625           | 634         | 637          | rBV6     | 7023           | 16785         | 1.17%           | 0.145%        |
| 9         | 6.901       | 645           | 649         | 654          | rVV3     | 19996          | 33066         | 2.30%           | 0.286%        |
| 10        | 6.960       | 654           | 659         | 662          | rVV      | 23760          | 36372         | 2.53%           | 0.314%        |
| 11        | 6.995       | 662           | 665         | 670          | rVV2     | 19534          | 29865         | 2.08%           | 0.258%        |
| 12        | 7.066       | 670           | 677         | 683          | rVV3     | 35342          | 70797         | 4.93%           | 0.612%        |
| 13        | 7.125       | 683           | 687         | 694          | rVB2     | 14223          | 22407         | 1.56%           | 0.194%        |
| 14        | 7.295       | 710           | 716         | 719          | rVV3     | 13785          | 23324         | 1.62%           | 0.202%        |
| 15        | 7.530       | 751           | 756         | 765          | rBV2     | 130295         | 235428        | 16.39%          | 2.034%        |
| 16        | 7.824       | 798           | 806         | 811          | rBV6     | 7733           | 20261         | 1.41%           | 0.175%        |
| 17        | 7.900       | 811           | 819         | 825          | rBV      | 161563         | 285949        | 19.91%          | 2.470%        |
| 18        | 7.965       | 825           | 830         | 836          | rBV      | 54057          | 82998         | 5.78%           | 0.717%        |
| 19        | 8.018       | 836           | 839         | 847          | rVB3     | 16197          | 26030         | 1.81%           | 0.225%        |
| 20        | 8.094       | 847           | 852         | 856          | rBV5     | 12907          | 19669         | 1.37%           | 0.170%        |
| 21        | 8.194       | 866           | 869         | 874          | rVB3     | 11733          | 19083         | 1.33%           | 0.165%        |
| 22        | 8.329       | 887           | 892         | 896          | rBV4     | 12287          | 26790         | 1.87%           | 0.231%        |
| 23        | 8.447       | 906           | 912         | 917          | rVB4     | 19031          | 40242         | 2.80%           | 0.348%        |
| 24        | 8.494       | 917           | 920         | 924          | rVB3     | 16175          | 20131         | 1.40%           | 0.174%        |
| 25        | 8.564       | 924           | 932         | 936          | rBV4     | 30036          | 72259         | 5.03%           | 0.624%        |
| 26        | 8.670       | 945           | 950         | 953          | rBV3     | 24851          | 35186         | 2.45%           | 0.304%        |
| 27        | 8.705       | 953           | 956         | 962          | rVV3     | 13992          | 24342         | 1.69%           | 0.210%        |
| 28        | 8.858       | 978           | 982         | 986          | rBV      | 13021          | 17523         | 1.22%           | 0.151%        |
| 29        | 8.905       | 986           | 990         | 998          | rVB2     | 14031          | 22800         | 1.59%           | 0.197%        |
| 30        | 9.011       | 998           | 1008        | 1014         | rBV6     | 23350          | 58738         | 4.09%           | 0.507%        |
| 31        | 9.128       | 1020          | 1028        | 1034         | rVB      | 124731         | 201627        | 14.04%          | 1.742%        |
| 32        | 9.346       | 1058          | 1065        | 1068         | rBV7     | 7670           | 17397         | 1.21%           | 0.150%        |
| 33        | 9.786       | 1136          | 1140        | 1143         | rVB4     | 13479          | 20074         | 1.40%           | 0.173%        |
| 34        | 9.839       | 1143          | 1149        | 1154         | rBV5     | 15955          | 27218         | 1.90%           | 0.235%        |
| 35        | 9.980       | 1165          | 1173        | 1179         | rVB2     | 18192          | 43557         | 3.03%           | 0.376%        |
| 36        | 10.051      | 1179          | 1185        | 1189         | rVV5     | 12422          | 20904         | 1.46%           | 0.181%        |

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Peak separation: 5

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

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 10.127 | 1195 | 1198 | 1201 | rVV4 | 14489 | 23787 | 1.66% | 0.206% |
| 38 | 10.186 | 1201 | 1208 | 1212 | rVV3 | 14437 | 38488 | 2.68% | 0.333% |
| 39 | 10.233 | 1212 | 1216 | 1221 | rVV3 | 12308 | 23010 | 1.60% | 0.199% |
| 40 | 10.321 | 1227 | 1231 | 1236 | rVB5 | 10981 | 17266 | 1.20% | 0.149% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 10.386 | 1236 | 1242 | 1248 | rBV3 | 24529  | 42694  | 2.97%  | 0.369% |
| 42 | 10.568 | 1268 | 1273 | 1280 | rBV5 | 15649  | 34946  | 2.43%  | 0.302% |
| 43 | 10.691 | 1284 | 1294 | 1301 | rBV2 | 251515 | 546514 | 38.05% | 4.722% |
| 44 | 10.814 | 1309 | 1315 | 1320 | rBV4 | 22475  | 44633  | 3.11%  | 0.386% |
| 45 | 10.979 | 1338 | 1343 | 1351 | rVB3 | 16887  | 33548  | 2.34%  | 0.290% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 11.073 | 1352 | 1359 | 1366 | rBV2 | 55749 | 89635 | 6.24% | 0.774% |
| 47 | 11.196 | 1374 | 1380 | 1388 | rVB2 | 12268 | 23364 | 1.63% | 0.202% |
| 48 | 11.614 | 1442 | 1451 | 1458 | rVV9 | 11018 | 29276 | 2.04% | 0.253% |
| 49 | 11.725 | 1463 | 1470 | 1474 | rBV  | 28612 | 48089 | 3.35% | 0.415% |
| 50 | 11.790 | 1477 | 1481 | 1487 | rVB5 | 33161 | 59647 | 4.15% | 0.515% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 51 | 11.960 | 1504 | 1510 | 1519 | rVB5 | 12586 | 25998  | 1.81% | 0.225% |
| 52 | 12.119 | 1529 | 1537 | 1540 | rBV  | 57283 | 95035  | 6.62% | 0.821% |
| 53 | 12.360 | 1568 | 1578 | 1584 | rVB2 | 56213 | 104310 | 7.26% | 0.901% |
| 54 | 12.524 | 1601 | 1606 | 1610 | rBV6 | 10851 | 19154  | 1.33% | 0.165% |
| 55 | 12.571 | 1610 | 1614 | 1621 | rVB4 | 15868 | 31516  | 2.19% | 0.272% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 56 | 13.071 | 1695 | 1699 | 1706 | rVB4 | 19008 | 31235  | 2.17% | 0.270% |
| 57 | 13.359 | 1743 | 1748 | 1755 | rVB  | 70805 | 100568 | 7.00% | 0.869% |
| 58 | 13.564 | 1779 | 1783 | 1792 | rVB6 | 12436 | 32404  | 2.26% | 0.280% |
| 59 | 13.699 | 1800 | 1806 | 1813 | rBV3 | 24609 | 56342  | 3.92% | 0.487% |
| 60 | 13.852 | 1827 | 1832 | 1837 | rBV3 | 23398 | 54093  | 3.77% | 0.467% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 14.017 | 1853 | 1860 | 1864 | rVB2 | 25264  | 39935  | 2.78%  | 0.345% |
| 62 | 14.222 | 1891 | 1895 | 1898 | rBV2 | 18807  | 24027  | 1.67%  | 0.208% |
| 63 | 14.434 | 1926 | 1931 | 1935 | rBV  | 121486 | 157687 | 10.98% | 1.362% |
| 64 | 14.528 | 1940 | 1947 | 1954 | rVV  | 441454 | 730185 | 50.84% | 6.308% |
| 65 | 14.616 | 1958 | 1962 | 1966 | rVV4 | 30241  | 43415  | 3.02%  | 0.375% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 66 | 14.669 | 1967 | 1971 | 1978 | rVB  | 49471 | 72876  | 5.07% | 0.630% |
| 67 | 14.739 | 1979 | 1983 | 1991 | rVB7 | 19852 | 49101  | 3.42% | 0.424% |
| 68 | 14.827 | 1994 | 1998 | 2004 | rBV9 | 15099 | 29871  | 2.08% | 0.258% |
| 69 | 15.057 | 2033 | 2037 | 2040 | rBV4 | 14358 | 22679  | 1.58% | 0.196% |
| 70 | 15.156 | 2049 | 2054 | 2063 | rVB4 | 69244 | 110259 | 7.68% | 0.953% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 71 | 15.292 | 2072 | 2077 | 2085 | rBV3 | 64894 | 114594 | 7.98% | 0.990% |
| 72 | 15.386 | 2085 | 2093 | 2098 | rVB  | 86813 | 129345 | 9.01% | 1.117% |
| 73 | 15.521 | 2112 | 2116 | 2122 | rVB2 | 30941 | 39916  | 2.78% | 0.345% |
| 74 | 15.626 | 2132 | 2134 | 2138 | rVB5 | 17332 | 19748  | 1.38% | 0.171% |
| 75 | 15.791 | 2157 | 2162 | 2168 | rVB3 | 38473 | 62306  | 4.34% | 0.538% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 15.891 | 2174 | 2179 | 2184 | rVB7 | 22591 | 37305 | 2.60% | 0.322% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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Integration Parameters: LSCINT.P

Integrator: RTE

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Peak separation: 5

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

|     |        |      |      |      |      |        |         |         |         |
|-----|--------|------|------|------|------|--------|---------|---------|---------|
| 77  | 15.950 | 2185 | 2189 | 2194 | rBV8 | 11606  | 21924   | 1.53%   | 0.189%  |
| 78  | 16.008 | 2194 | 2199 | 2208 | rVB9 | 15924  | 41591   | 2.90%   | 0.359%  |
| 79  | 16.161 | 2221 | 2225 | 2230 | rBV2 | 36283  | 50382   | 3.51%   | 0.435%  |
| 80  | 16.243 | 2235 | 2239 | 2242 | rBV  | 100231 | 140953  | 9.81%   | 1.218%  |
| 81  | 16.590 | 2294 | 2298 | 2301 | rVB6 | 22192  | 29043   | 2.02%   | 0.251%  |
| 82  | 16.925 | 2349 | 2355 | 2370 | rBV  | 887325 | 1436173 | 100.00% | 12.408% |
| 83  | 17.037 | 2370 | 2374 | 2379 | rVV  | 95335  | 135610  | 9.44%   | 1.172%  |
| 84  | 17.089 | 2379 | 2383 | 2394 | rVB3 | 50894  | 90649   | 6.31%   | 0.783%  |
| 85  | 17.277 | 2409 | 2415 | 2420 | rBV  | 668189 | 1012284 | 70.48%  | 8.745%  |
| 86  | 17.371 | 2428 | 2431 | 2435 | rVB  | 37160  | 51374   | 3.58%   | 0.444%  |
| 87  | 17.413 | 2436 | 2438 | 2442 | rVB5 | 18539  | 21330   | 1.49%   | 0.184%  |
| 88  | 17.565 | 2460 | 2464 | 2472 | rVB5 | 28807  | 54859   | 3.82%   | 0.474%  |
| 89  | 17.777 | 2495 | 2500 | 2506 | rVB  | 84590  | 106215  | 7.40%   | 0.918%  |
| 90  | 17.853 | 2510 | 2513 | 2517 | rVB2 | 16746  | 21994   | 1.53%   | 0.190%  |
| 91  | 18.470 | 2613 | 2618 | 2623 | rBV  | 63643  | 83456   | 5.81%   | 0.721%  |
| 92  | 19.099 | 2721 | 2725 | 2732 | rVB2 | 58972  | 88124   | 6.14%   | 0.761%  |
| 93  | 19.669 | 2817 | 2822 | 2827 | rVB2 | 57689  | 102815  | 7.16%   | 0.888%  |
| 94  | 20.209 | 2910 | 2914 | 2922 | rBV2 | 32559  | 51308   | 3.57%   | 0.443%  |
| 95  | 20.703 | 2995 | 2998 | 3001 | rVB2 | 26088  | 26472   | 1.84%   | 0.229%  |
| 96  | 21.191 | 3078 | 3081 | 3087 | rVB2 | 71242  | 89727   | 6.25%   | 0.775%  |
| 97  | 21.520 | 3131 | 3137 | 3146 | rBV  | 822192 | 1275469 | 88.81%  | 11.019% |
| 98  | 21.713 | 3167 | 3170 | 3175 | rVB2 | 18129  | 23419   | 1.63%   | 0.202%  |
| 99  | 22.178 | 3245 | 3249 | 3260 | rVB6 | 31308  | 56809   | 3.96%   | 0.491%  |
| 100 | 24.581 | 3648 | 3658 | 3669 | rBV2 | 503537 | 1352679 | 94.19%  | 11.686% |

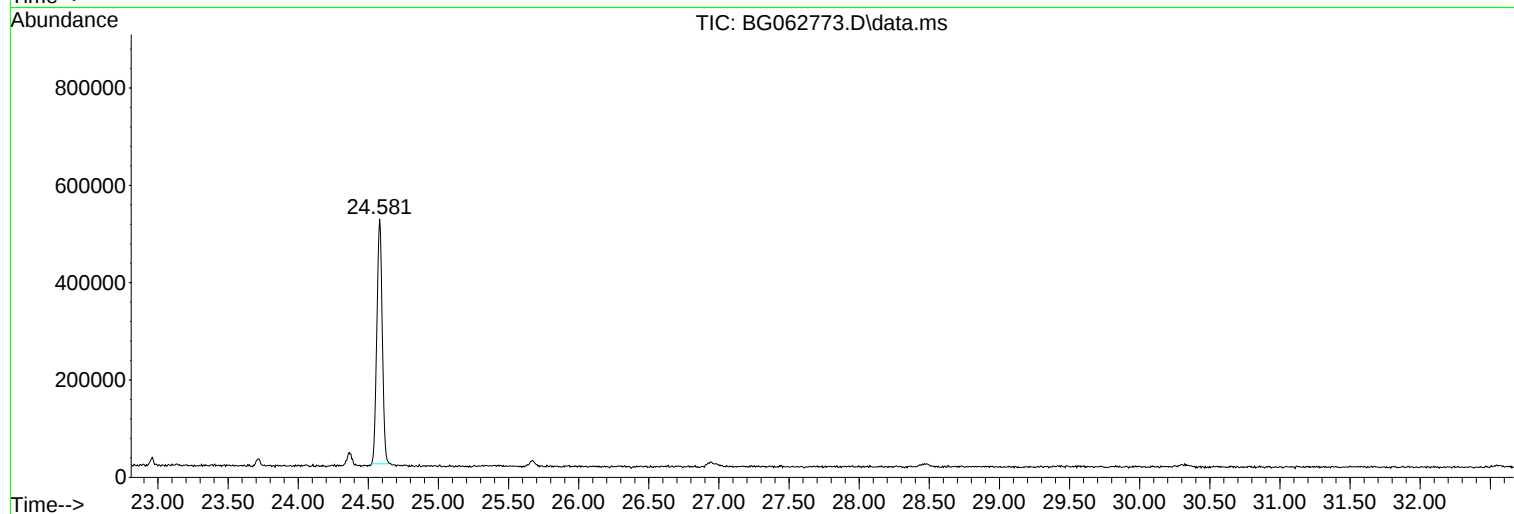
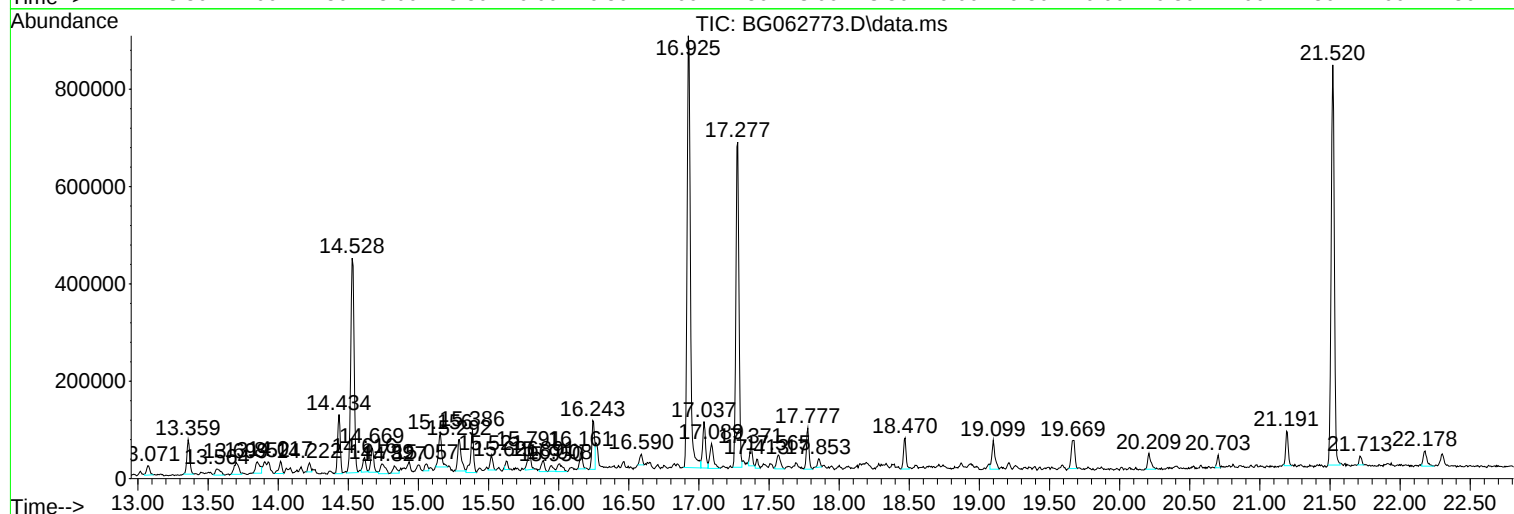
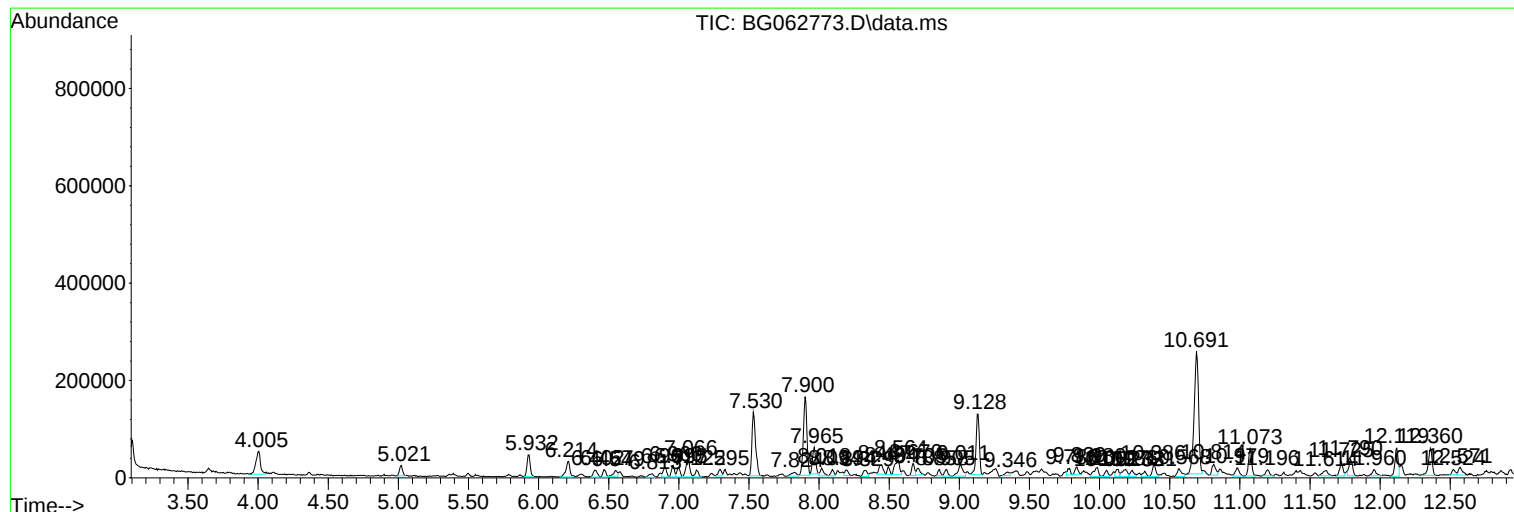
Sum of corrected areas: 11574990

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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

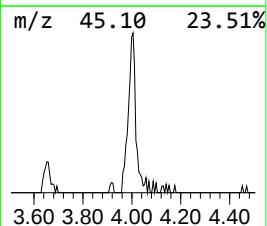
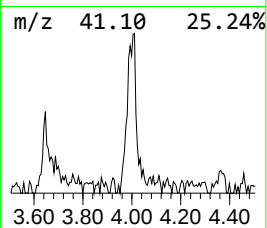
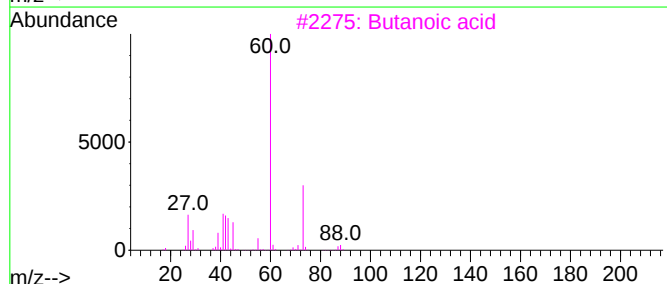
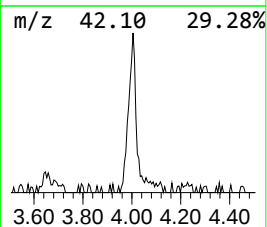
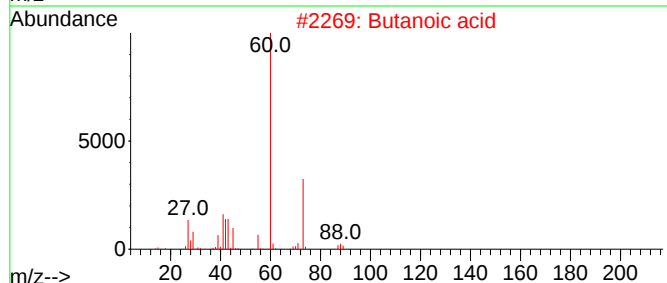
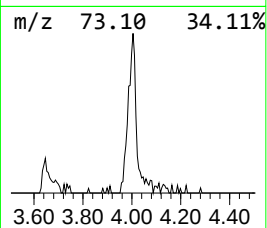
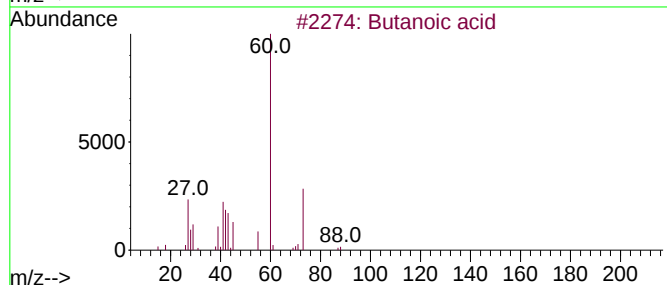
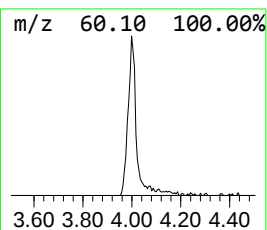
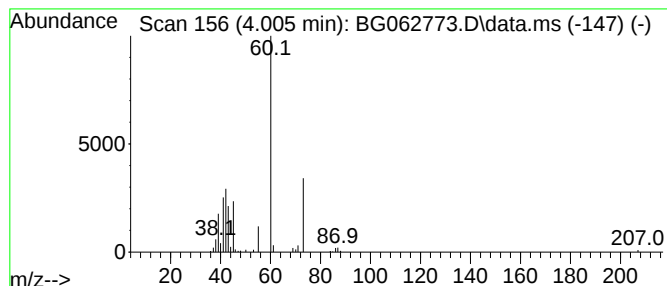
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butanoic acid Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.005 | 7.49 ng/ul | 107042 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Butanoic acid  | 88  | C4H8O2  | 000107-92-6 | 64   |
| 2    |    |   | Butanoic acid  | 88  | C4H8O2  | 000107-92-6 | 64   |
| 3    |    |   | Butanoic acid  | 88  | C4H8O2  | 000107-92-6 | 64   |
| 4    |    |   | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 45   |
| 5    |    |   | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 39   |



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Quant Title : SVOA CALIBRATION

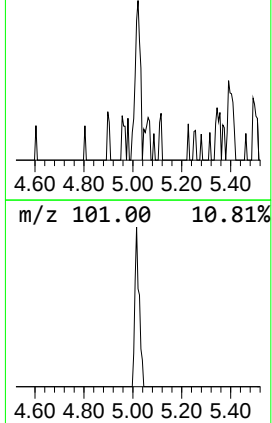
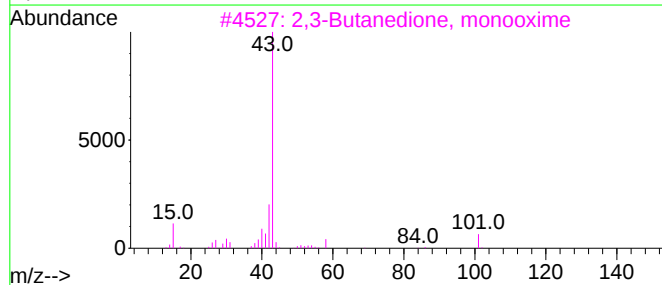
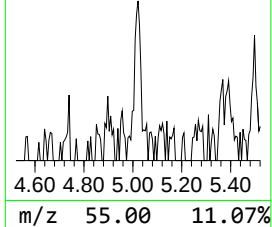
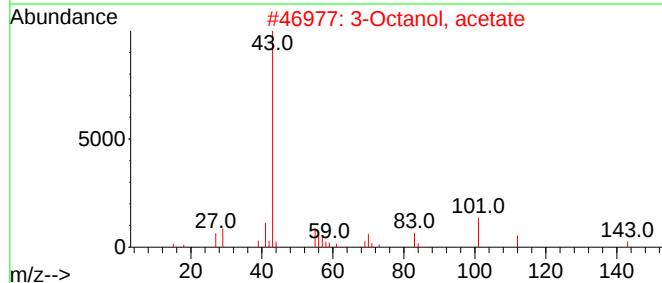
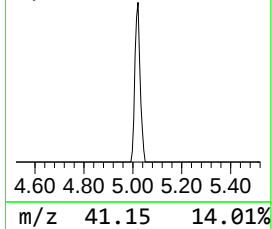
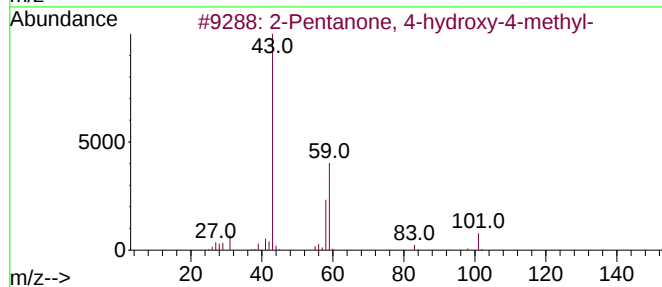
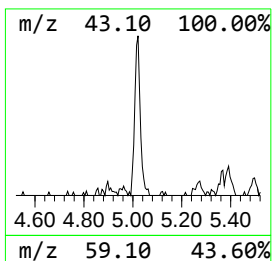
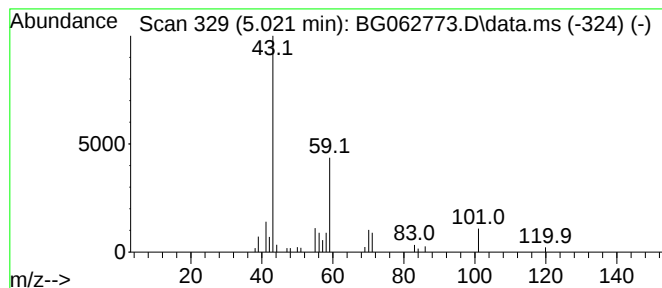
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 21

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.021 | 2.30 ng/ul | 32884 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2  | 000123-42-2 | 36   |
| 2    |    |   | 3-Octanol, acetate               | 172 | C10H20O2 | 004864-61-3 | 25   |
| 3    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2  | 000057-71-6 | 14   |
| 4    |    |   | 2-Pentanone                      | 86  | C5H10O   | 000107-87-9 | 10   |
| 5    |    |   | 1-Hexanamine                     | 101 | C6H15N   | 000111-26-2 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

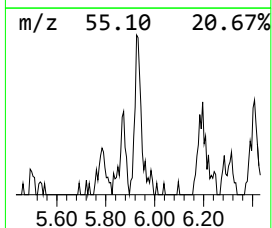
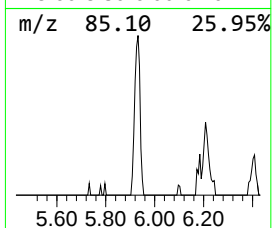
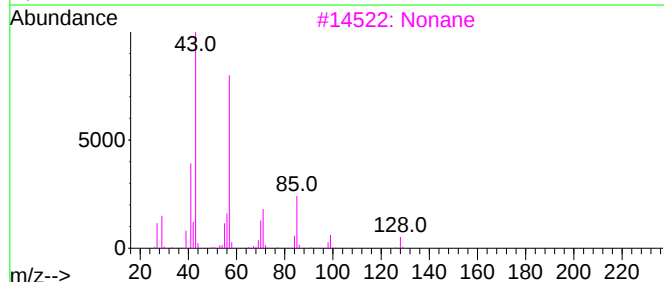
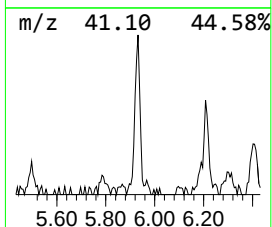
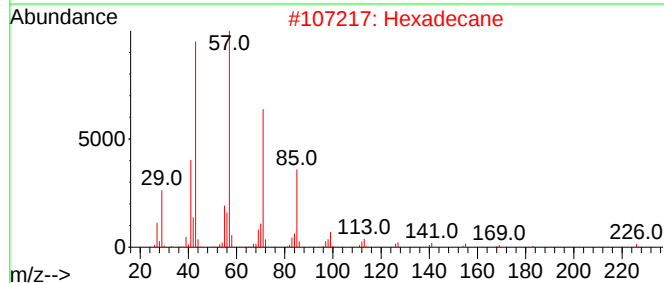
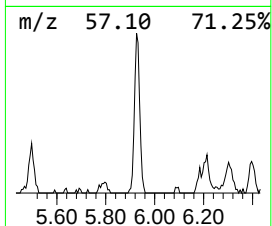
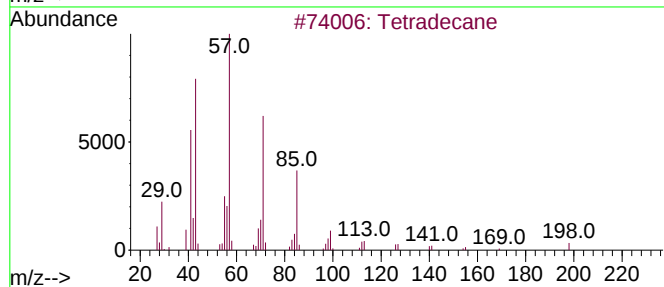
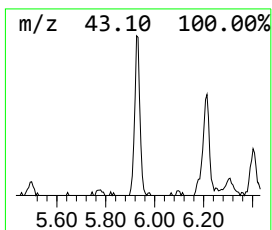
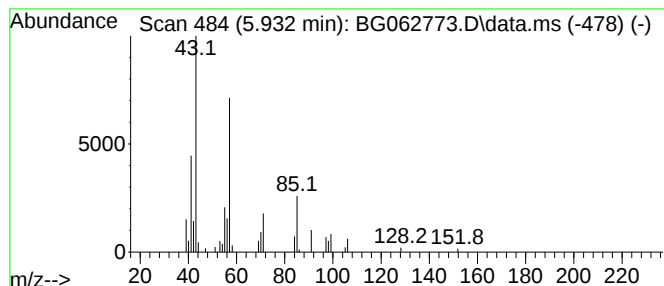
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.932 | 4.94 ng/ul | 70639 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane         | 198 | C14H30  | 000629-59-4 | 50   |
| 2    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 50   |
| 3    |    |   | Nonane              | 128 | C9H20   | 000111-84-2 | 50   |
| 4    |    |   | Octane              | 114 | C8H18   | 000111-65-9 | 43   |
| 5    |    |   | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

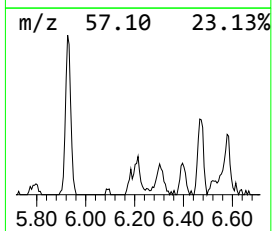
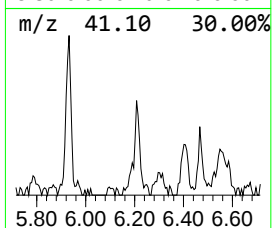
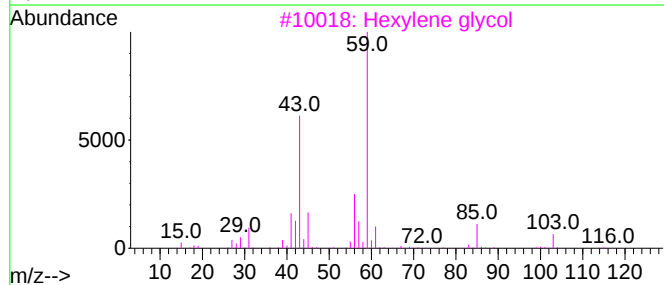
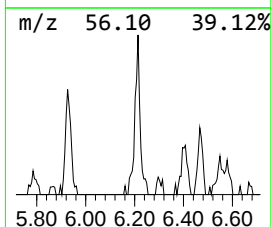
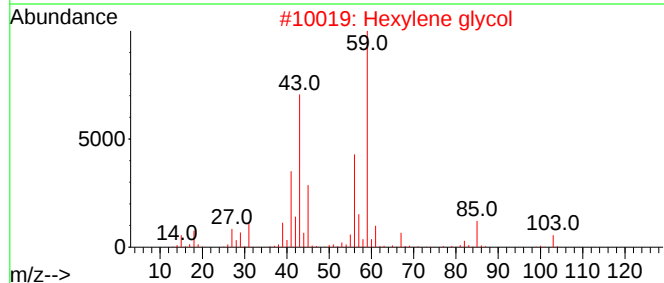
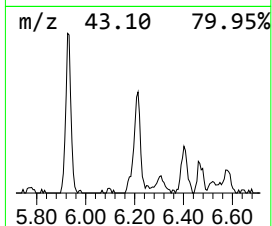
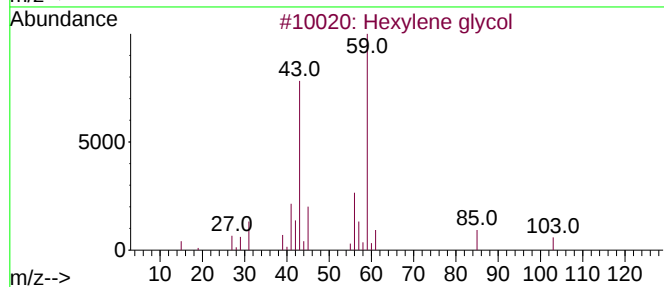
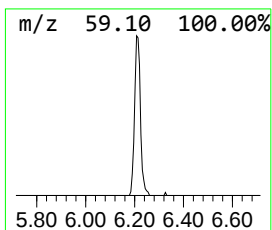
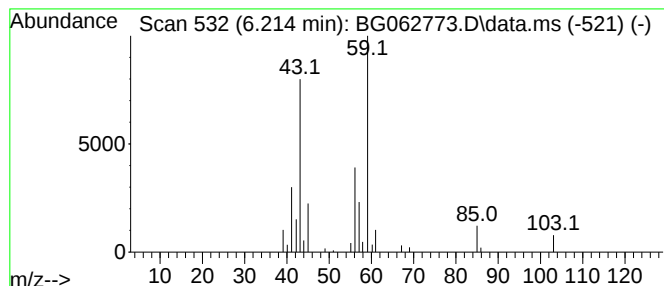
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Hexylene glycol Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.214 | 4.43 ng/ul | 63316 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexylene glycol           | 118 | C6H14O2 | 000107-41-5 | 90   |
| 2    |    |   | Hexylene glycol           | 118 | C6H14O2 | 000107-41-5 | 80   |
| 3    |    |   | Hexylene glycol           | 118 | C6H14O2 | 000107-41-5 | 72   |
| 4    |    |   | Oxetane, 2,2,4-trimethyl- | 100 | C6H12O  | 023120-44-7 | 72   |
| 5    |    |   | Hexylene glycol           | 118 | C6H14O2 | 000107-41-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

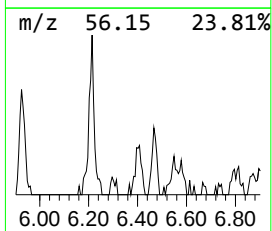
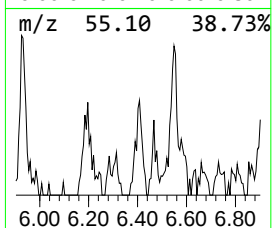
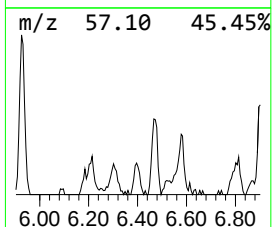
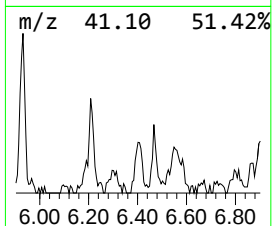
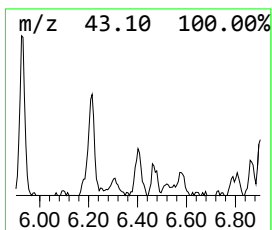
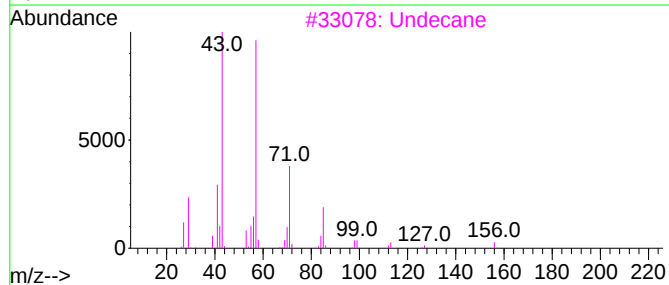
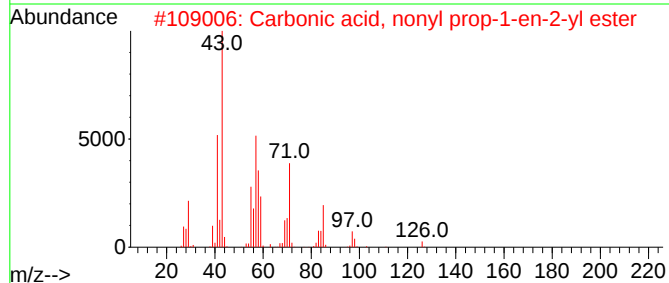
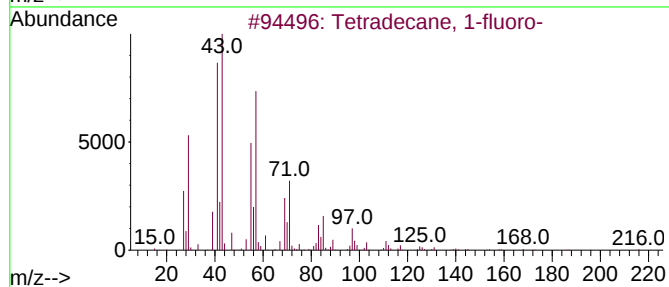
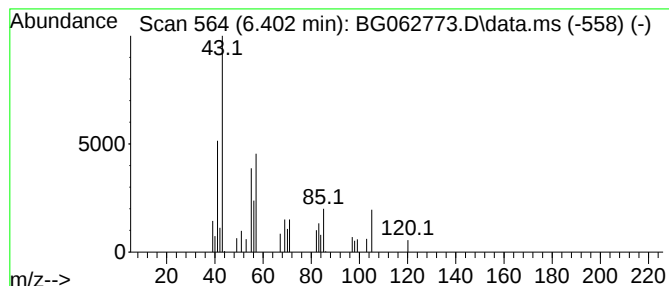
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown-01 Concentration Rank 25

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.402 | 2.08 ng/ul | 29699 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetradecane, 1-fluoro-              | 216 | C14H29F  | 000593-33-9  | 37   |
| 2    |    |   | Carbonic acid, nonyl prop-1-en-2... | 228 | C13H24O3 | 1000382-53-9 | 32   |
| 3    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 25   |
| 4    |    |   | Decane                              | 142 | C10H22   | 000124-18-5  | 25   |
| 5    |    |   | Hexane, 2,4-dimethyl-               | 114 | C8H18    | 000589-43-5  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

TIC Library : C:\DATABASE\NIST20.L

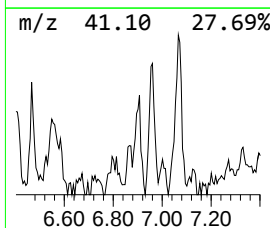
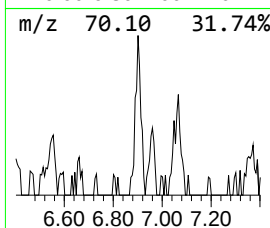
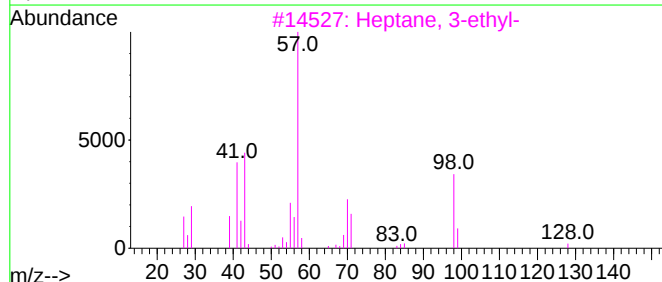
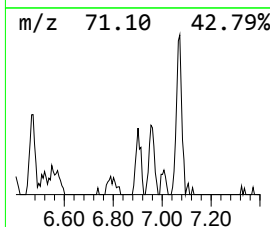
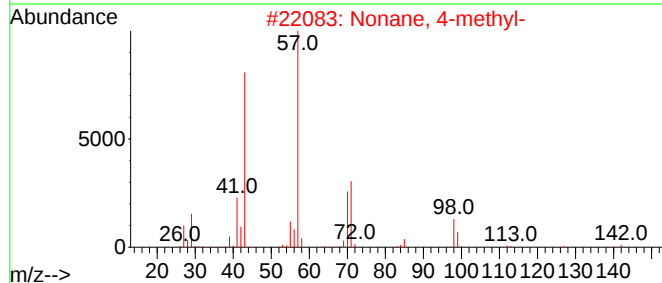
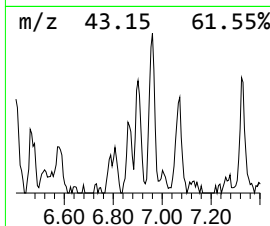
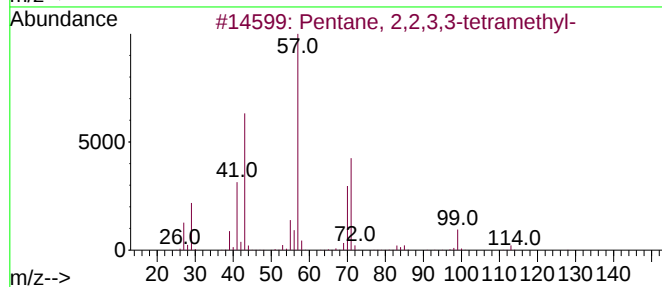
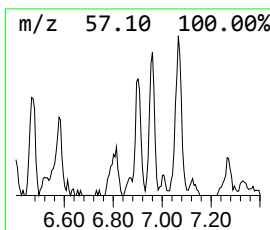
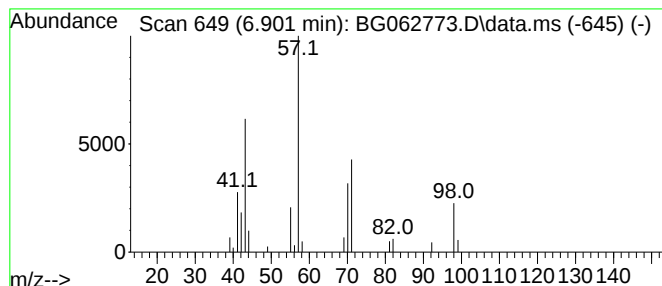
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.901 | 2.31 ng/ul | 33066 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Pentane, 2,2,3,3-tetramethyl-       | 128 | C9H20    | 007154-79-2 | 47   |
| 2    |    |   | Nonane, 4-methyl-                   | 142 | C10H22   | 017301-94-9 | 45   |
| 3    |    |   | Heptane, 3-ethyl-                   | 128 | C9H20    | 015869-80-4 | 43   |
| 4    |    |   | Ethanedioic acid, bis(3-methylbu... | 230 | C12H22O4 | 002051-00-5 | 38   |
| 5    |    |   | Pentane, 2,3,3-trimethyl-           | 114 | C8H18    | 000560-21-4 | 33   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

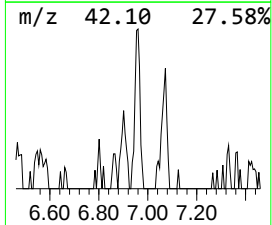
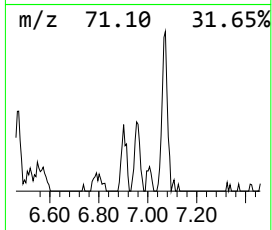
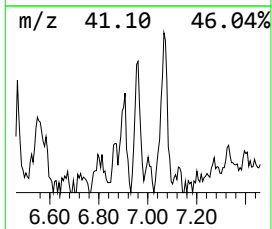
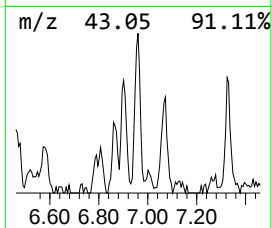
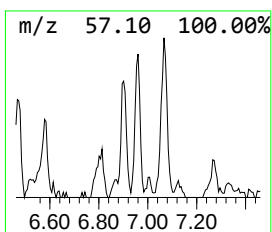
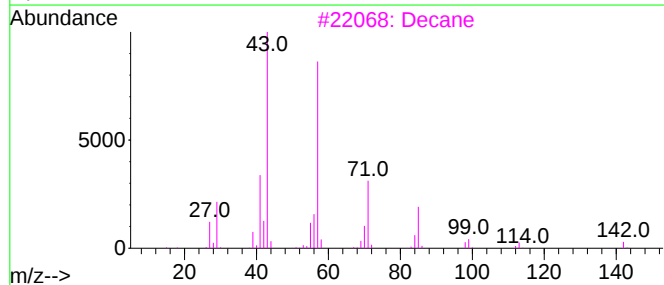
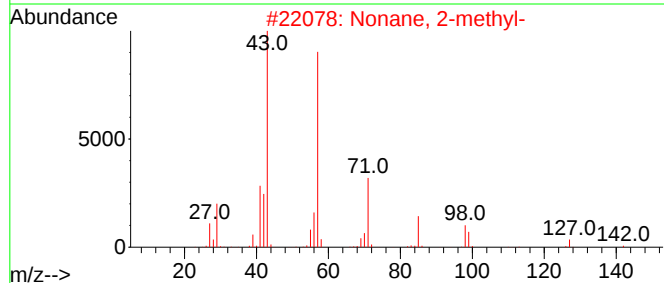
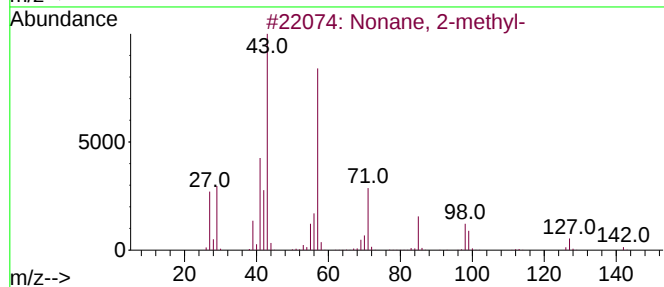
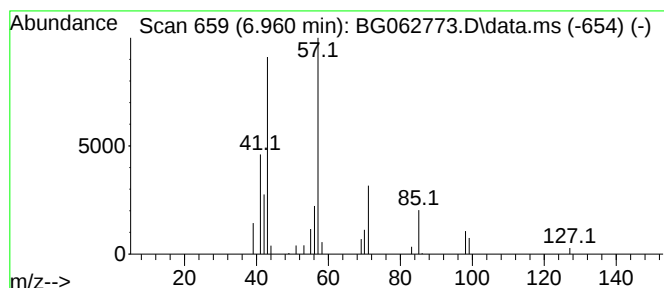
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.960 | 2.54 ng/ul | 36372 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 2-methyl-        | 142 | C10H22  | 000871-83-0 | 83   |
| 2    |    |   | Nonane, 2-methyl-        | 142 | C10H22  | 000871-83-0 | 72   |
| 3    |    |   | Decane                   | 142 | C10H22  | 000124-18-5 | 72   |
| 4    |    |   | Decane, 2,5,6-trimethyl- | 184 | C13H28  | 062108-23-0 | 59   |
| 5    |    |   | Decane, 5-methyl-        | 156 | C11H24  | 013151-35-4 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

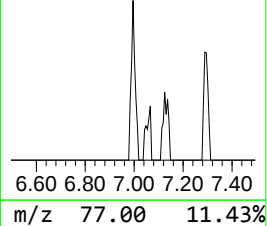
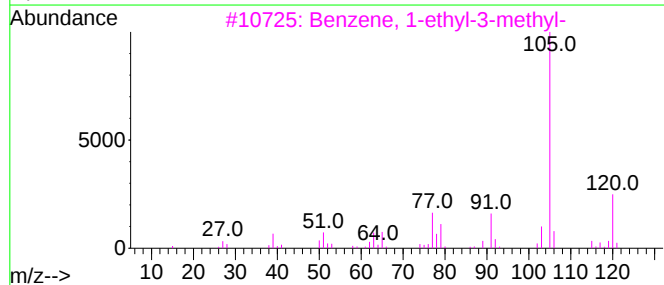
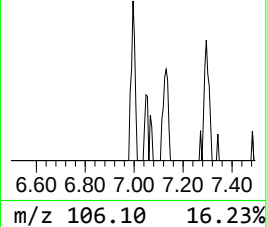
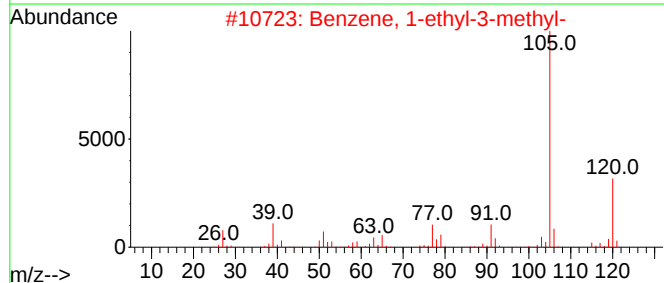
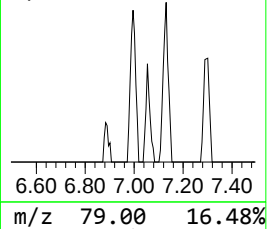
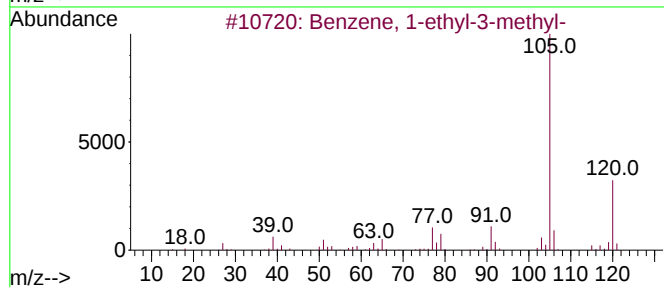
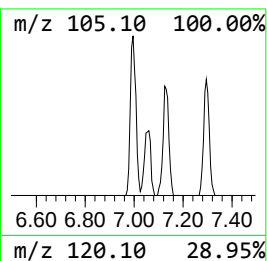
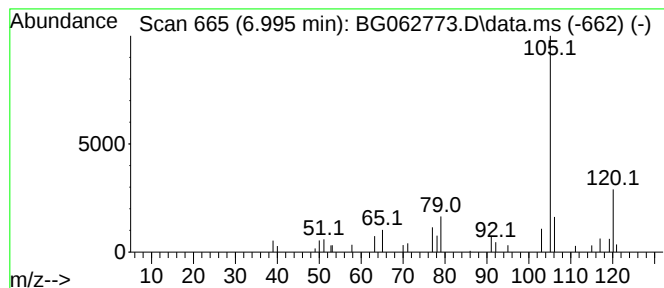
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.995 | 2.09 ng/ul | 29865 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 86   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 80   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 80   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 72   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

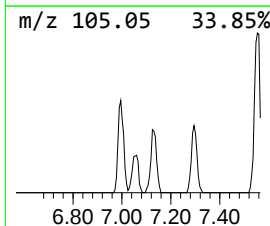
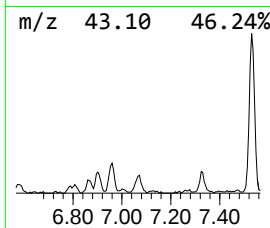
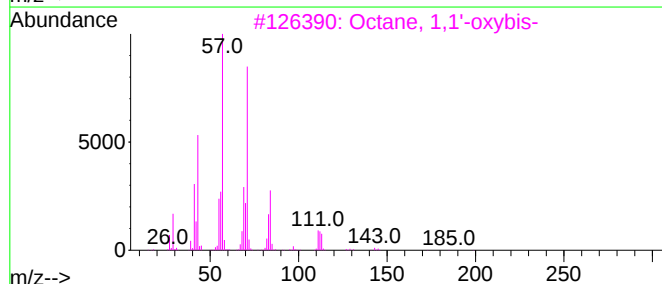
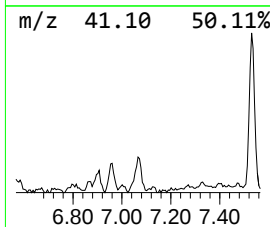
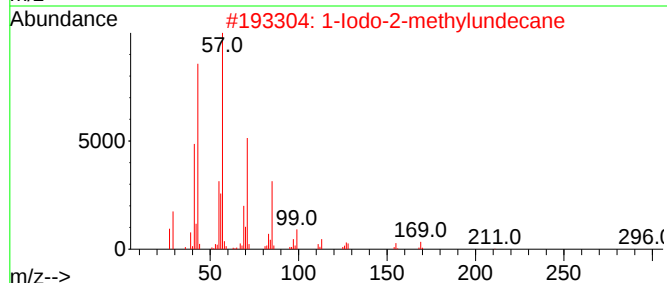
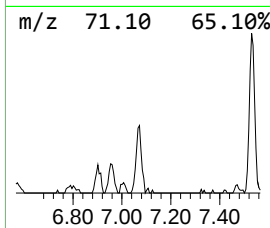
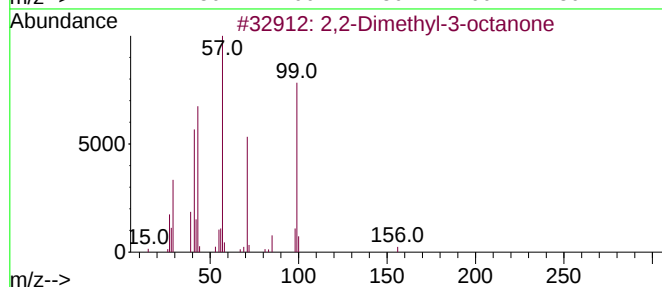
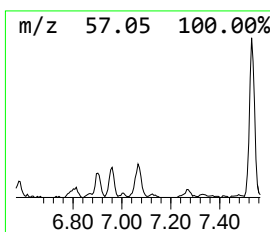
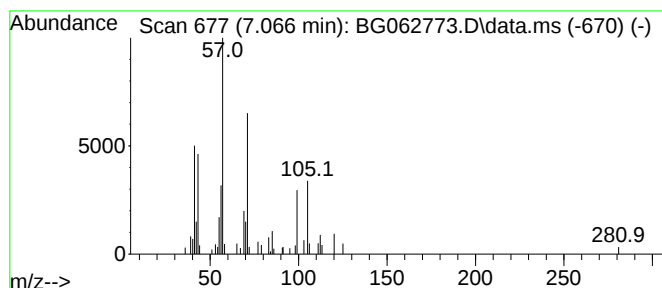
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 2,2-Dimethyl-3-octanone Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 7.066 | 4.95 ng/ul | 70797 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 2,2-Dimethyl-3-octanone | 156 | C10H20O | 005340-64-7 | 50   |
| 2    |    |   | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 47   |
| 3    |    |   | Octane, 1,1'-oxybis-    | 242 | C16H34O | 000629-82-3 | 43   |
| 4    |    |   | Nonane, 3-methyl-       | 142 | C10H22  | 005911-04-6 | 43   |
| 5    |    |   | Nonane, 3-methyl-       | 142 | C10H22  | 005911-04-6 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

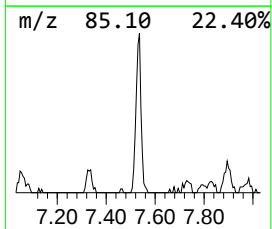
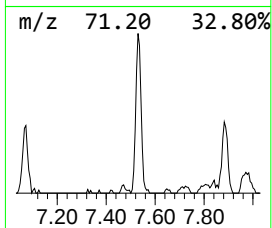
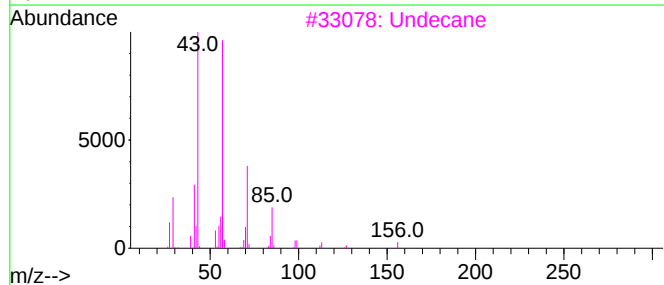
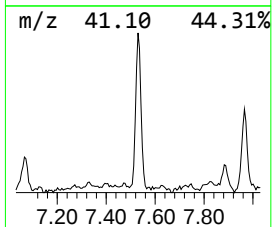
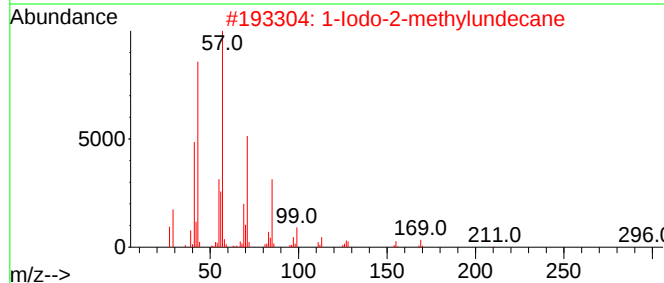
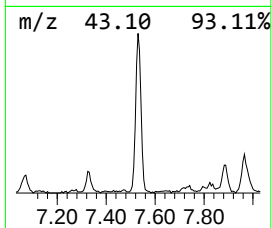
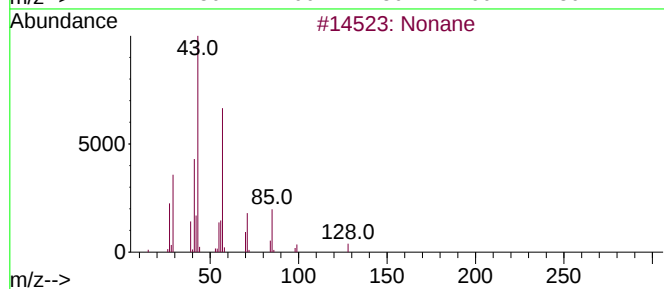
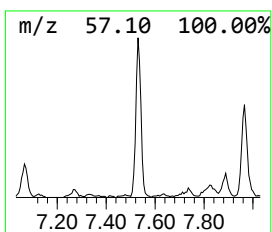
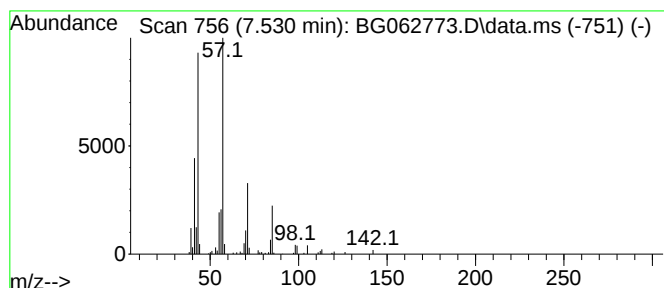
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.530 | 16.47 ng/ul | 235428 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane                              | 128 | C9H20    | 000111-84-2  | 90   |
| 2    |    |   | 1-Iodo-2-methylundecane             | 296 | C12H25I  | 073105-67-6  | 83   |
| 3    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 78   |
| 4    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 78   |
| 5    |    |   | Decane                              | 142 | C10H22   | 000124-18-5  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

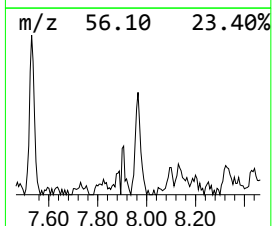
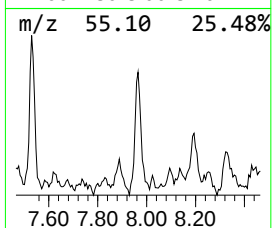
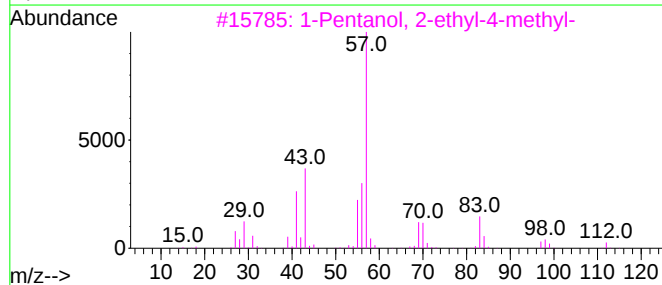
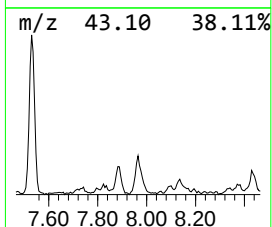
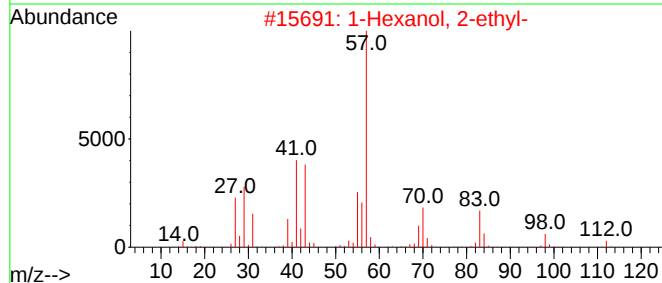
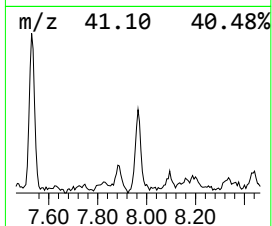
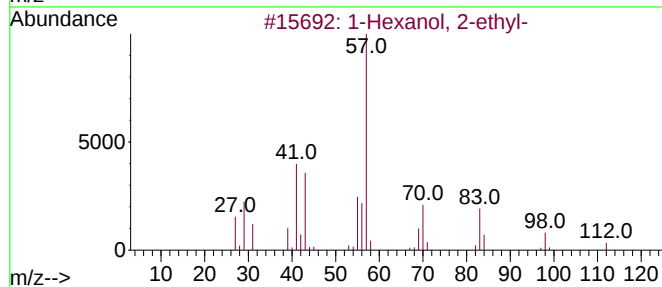
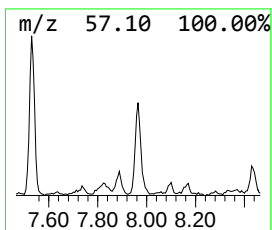
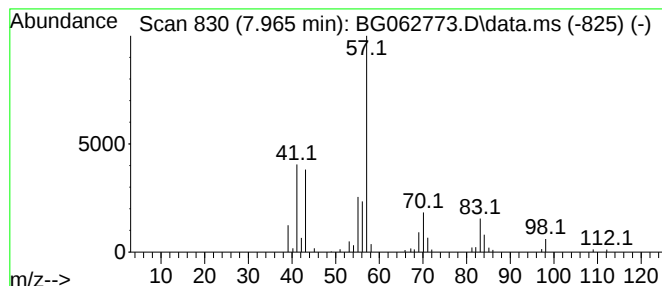
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 1-Hexanol, 2-ethyl- Concentration Rank 4

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 7.965 | 5.81 ng/ul | 82998 | 1,4-Dichlorobenzene-d4 | 7.906 |

| 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-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O   | 000106-67-2 | 78   |
| 4    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O   | 000104-76-7 | 78   |
| 5    |    |   | Heptyl isobutyl carbonate     | 216 | C12H24O3 | 959068-08-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

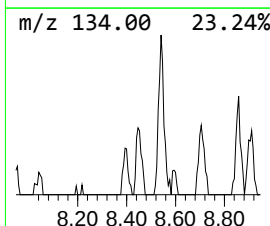
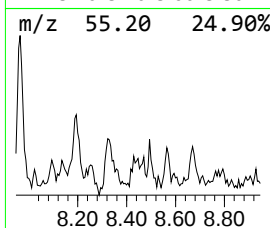
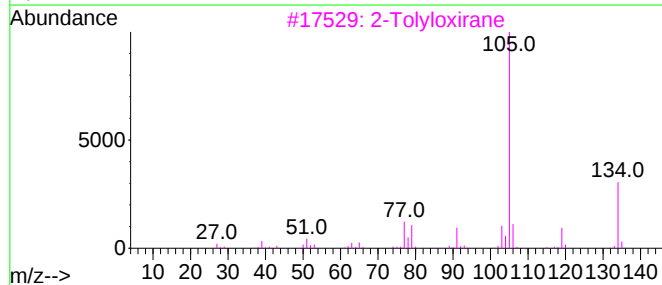
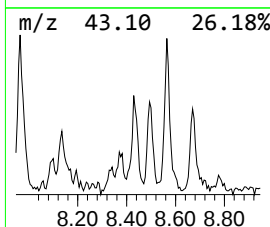
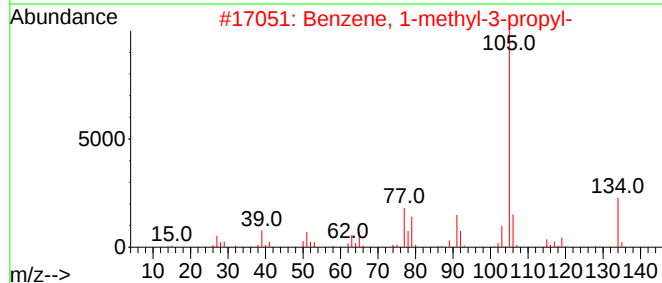
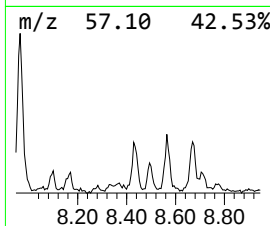
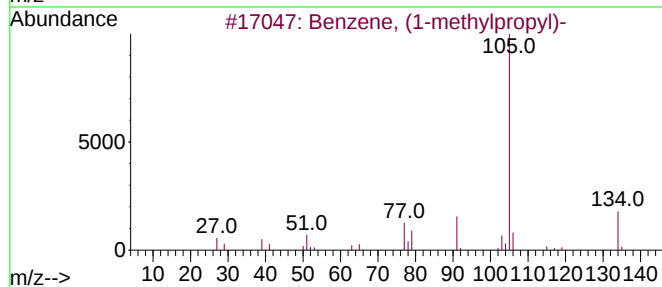
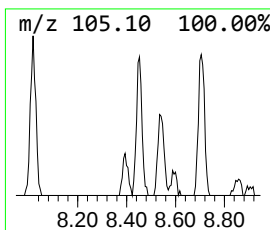
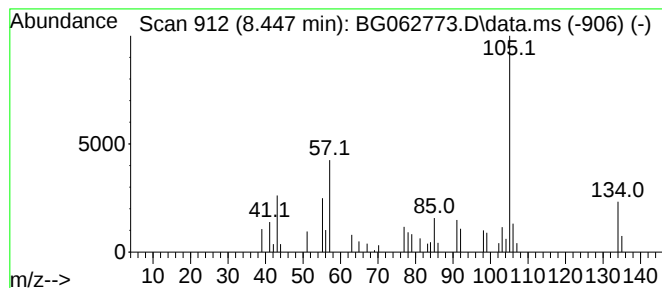
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 Benzene, (1-methylpropyl)- Concentration Rank 14

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.447 | 2.81 ng/ul | 40242 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1-methylpropyl)-  | 134 | C10H14  | 000135-98-8 | 58   |
| 2    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 58   |
| 3    |    |   | 2-Tolyloxirane              | 134 | C9H10O  | 002783-26-8 | 52   |
| 4    |    |   | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 52   |
| 5    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

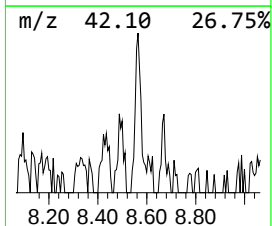
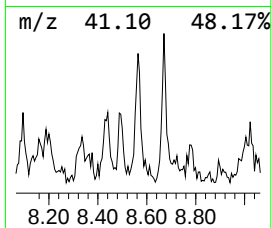
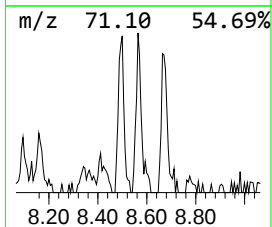
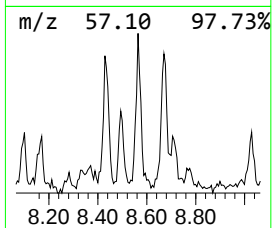
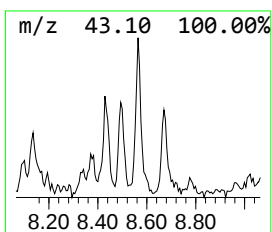
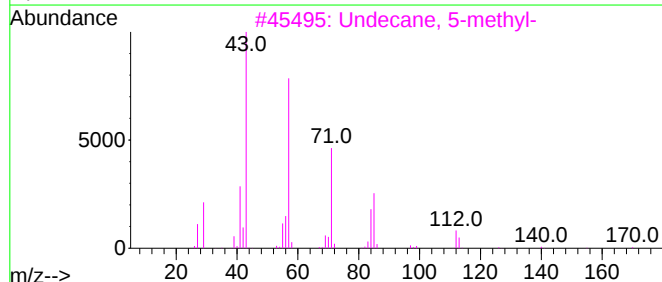
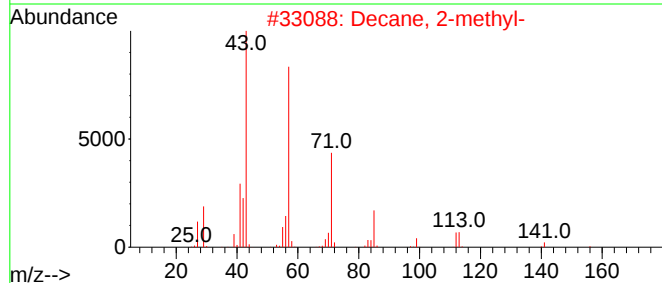
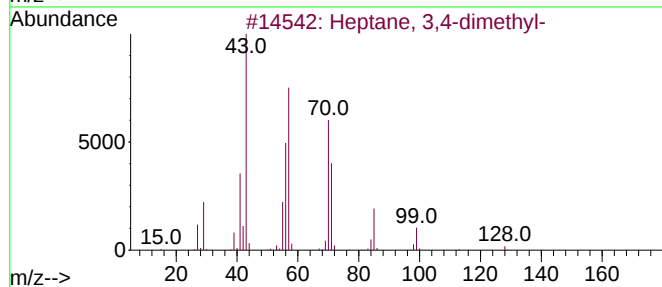
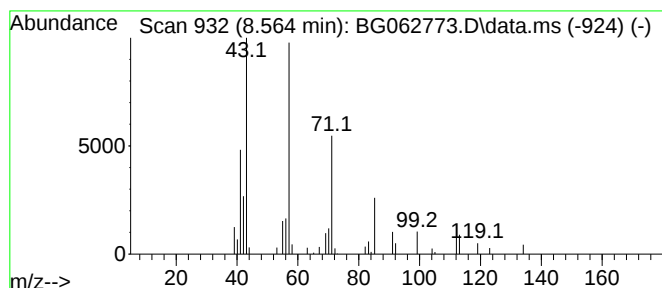
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.564 | 5.05 ng/ul | 72259 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heptane, 3,4-dimethyl-              | 128 | C9H20    | 000922-28-1  | 59   |
| 2    |    |   | Decane, 2-methyl-                   | 156 | C11H24   | 006975-98-0  | 59   |
| 3    |    |   | Undecane, 5-methyl-                 | 170 | C12H26   | 001632-70-8  | 59   |
| 4    |    |   | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 53   |
| 5    |    |   | Undecane, 3,6-dimethyl-             | 184 | C13H28   | 017301-28-9  | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

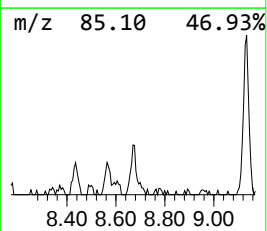
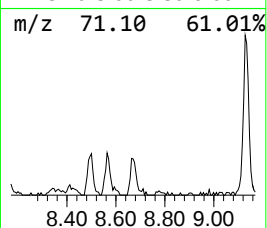
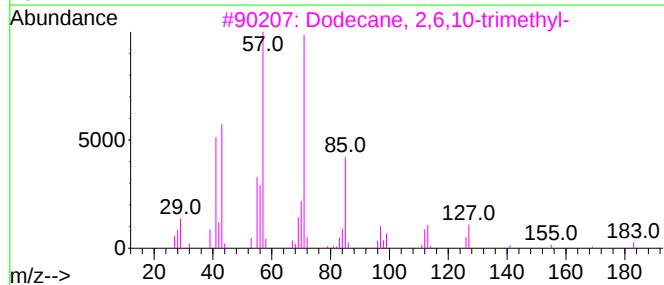
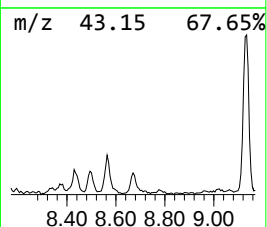
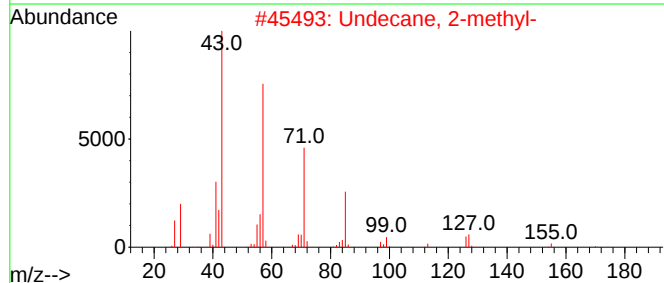
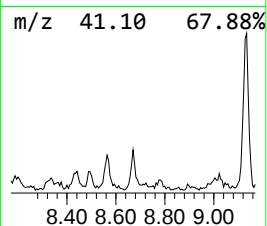
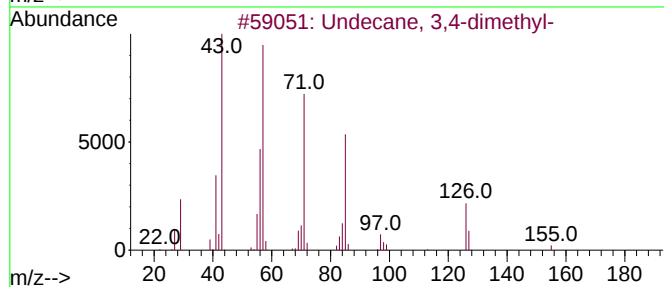
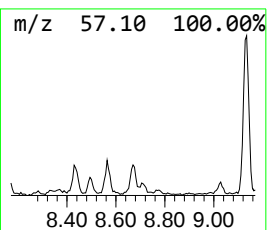
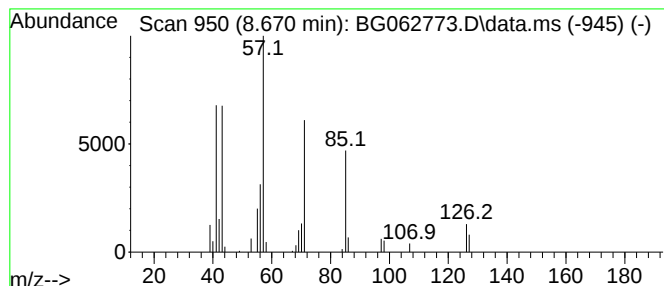
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.670 | 2.46 ng/ul | 35186 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------------|-----|---------|-------------|------|
| 1    |      | Undecane, 3,4-dimethyl-     | 184 | C13H28  | 017312-78-6 | 72   |
| 2    |      | Undecane, 2-methyl-         | 170 | C12H26  | 007045-71-8 | 64   |
| 3    |      | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 59   |
| 4    |      | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 59   |
| 5    |      | Tetradecane                 | 198 | C14H30  | 000629-59-4 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

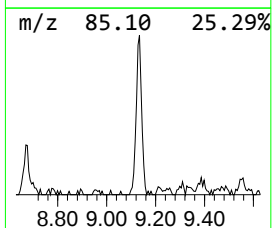
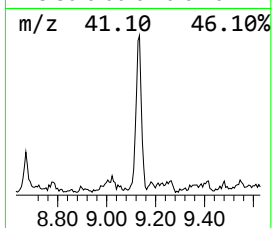
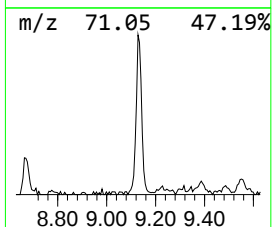
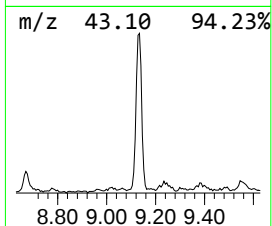
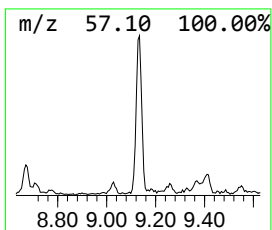
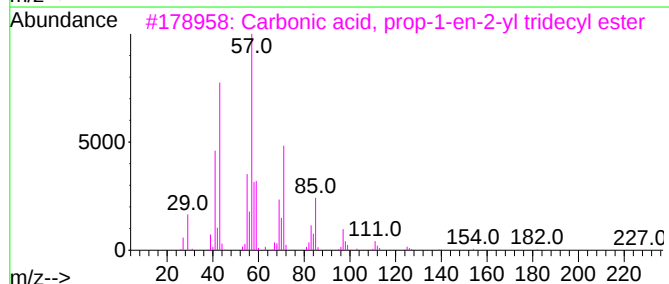
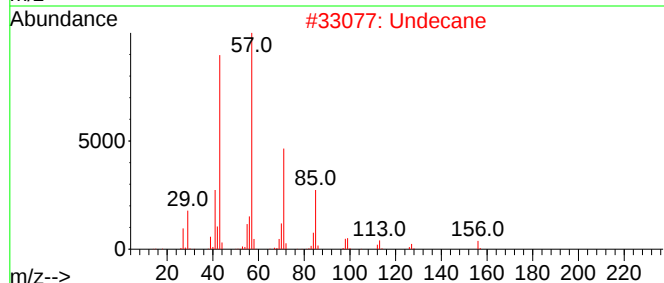
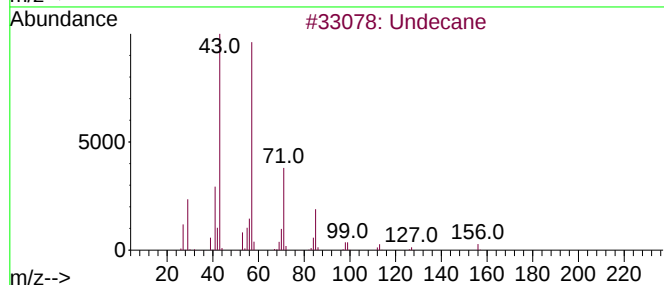
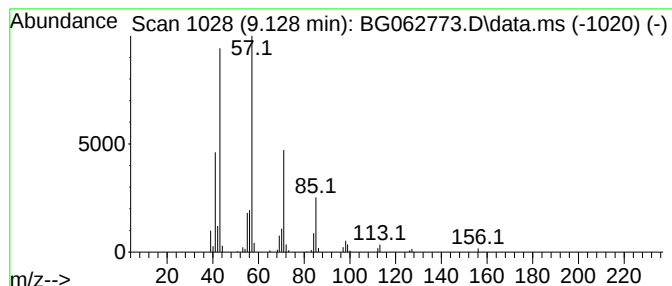
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 9.128 | 14.10 ng/ul | 201627 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 87   |
| 2    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 87   |
| 3    |    |   | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 83   |
| 4    |    |   | Hexadecane                          | 226 | C16H34   | 000544-76-3  | 80   |
| 5    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

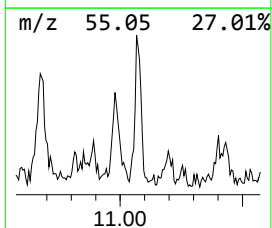
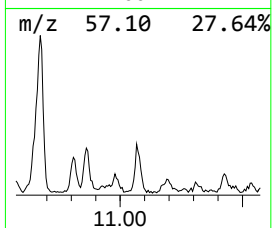
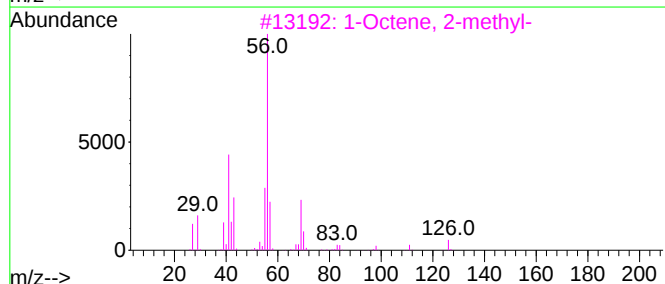
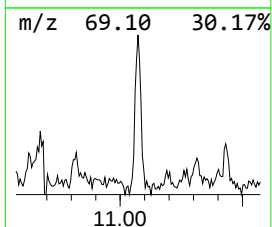
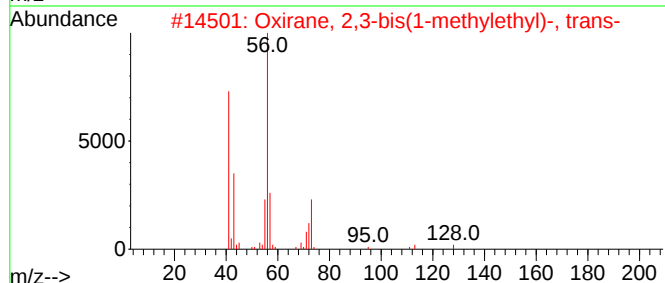
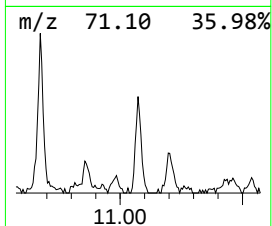
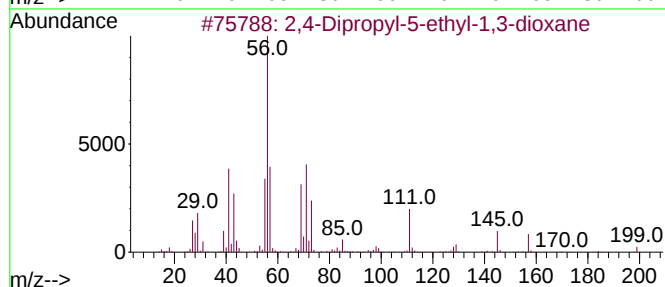
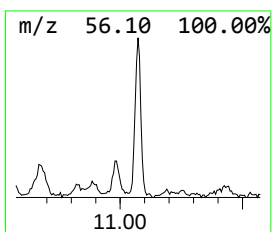
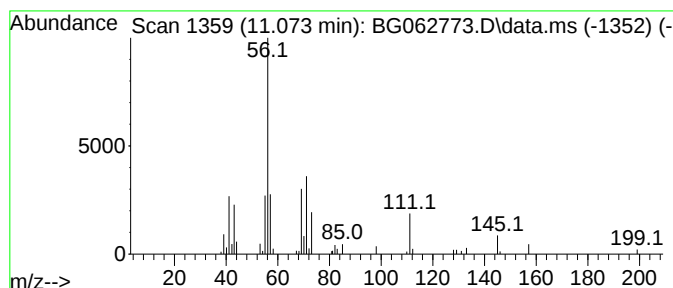
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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 12

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 11.073    | 3.28 ng/ul                          | 89635 | Naphthalene-d8   | 10.691      |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200   | C12H24O2         | 006413-83-8 | 74   |
| 2         | Oxirane, 2,3-bis(1-methylethyl)-... | 128   | C8H16O           | 054644-32-5 | 52   |
| 3         | 1-Octene, 2-methyl-                 | 126   | C9H18            | 004588-18-5 | 43   |
| 4         | 1-Heptene, 2-methyl-                | 112   | C8H16            | 015870-10-7 | 43   |
| 5         | 1-Octene, 2-methyl-                 | 126   | C9H18            | 004588-18-5 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

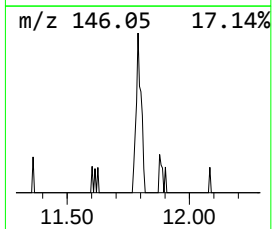
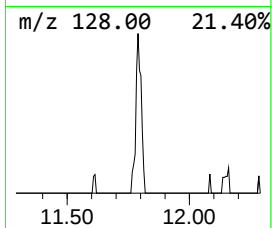
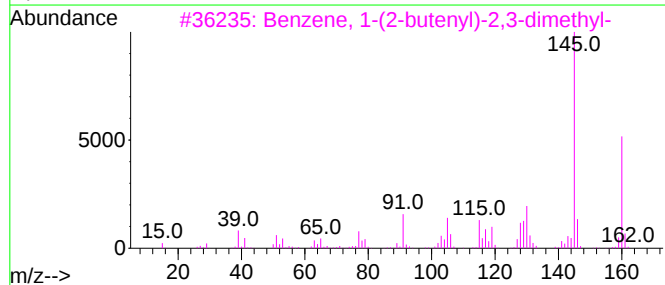
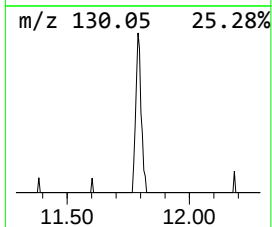
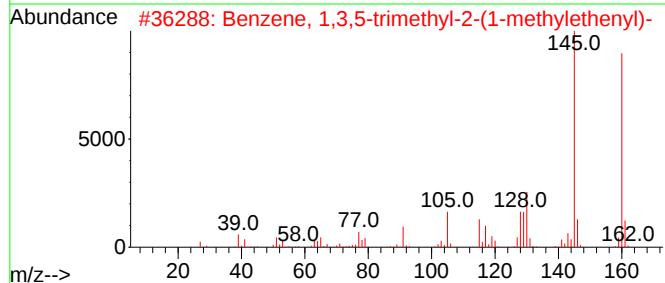
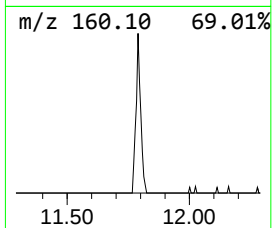
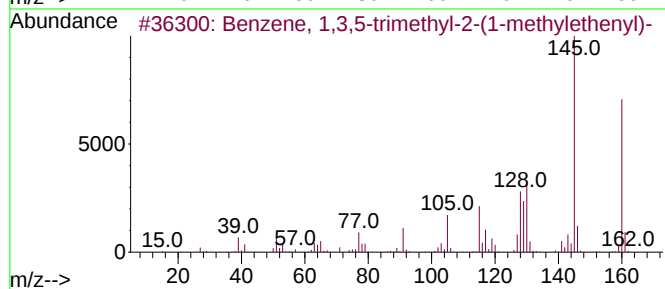
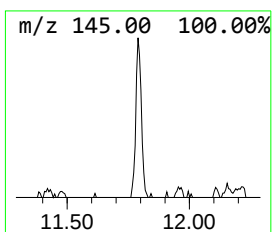
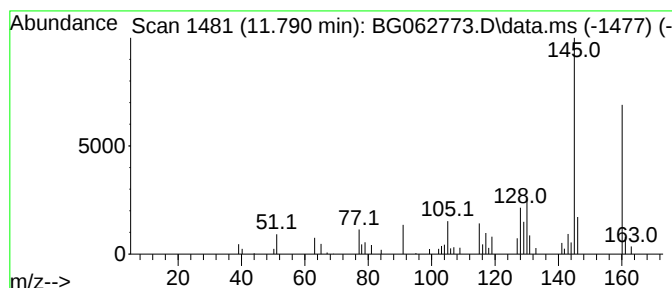
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Peak Number 17 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 22

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 11.790 | 2.18 ng/ul | 59647 | Naphthalene-d8   | 10.691 |

| 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, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 94   |
| 3    |    |   | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 93   |
| 4    |    |   | Benzene, 1,2,4-trimethyl-5-(1-me... | 160 | C12H16  | 054340-84-0 | 90   |
| 5    |    |   | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

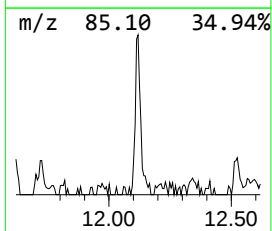
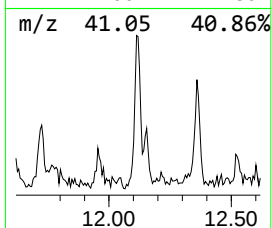
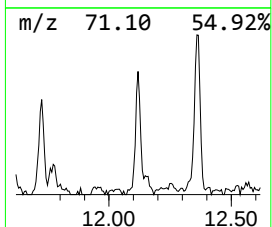
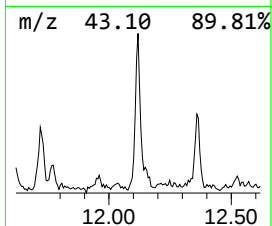
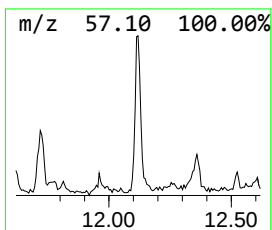
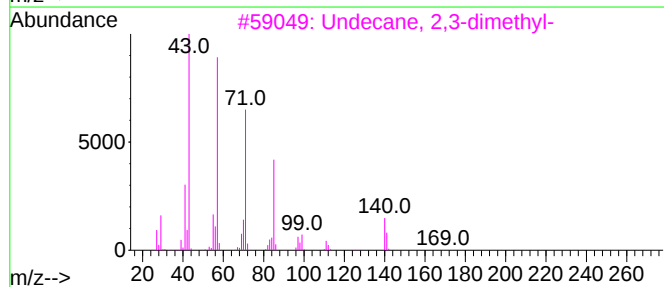
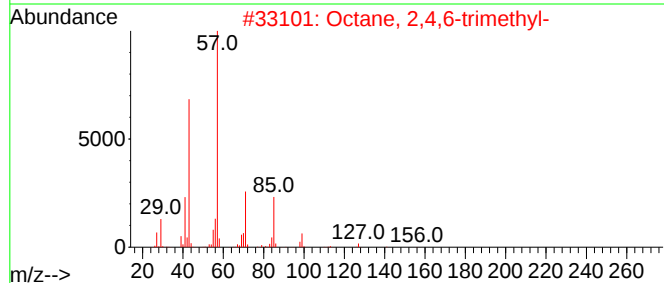
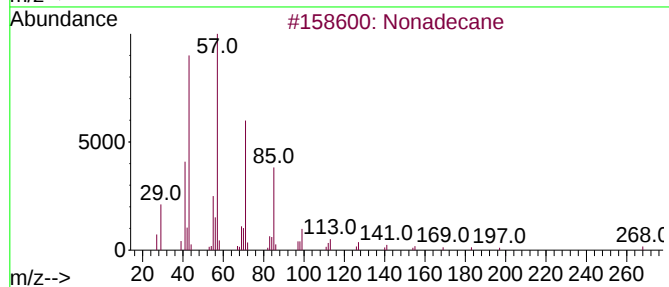
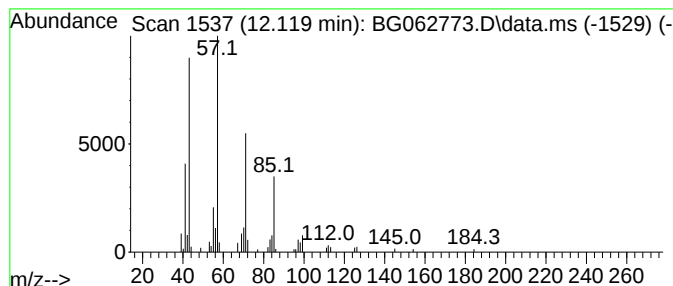
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Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 12.119 | 3.48 ng/ul | 95035 | Naphthalene-d8   | 10.691 |

| Hit# | of 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------|-----|---------|-------------|------|
| 1    |      | Nonadecane               | 268 | C19H40  | 000629-92-5 | 90   |
| 2    |      | Octane, 2,4,6-trimethyl- | 156 | C11H24  | 062016-37-9 | 86   |
| 3    |      | Undecane, 2,3-dimethyl-  | 184 | C13H28  | 017312-77-5 | 86   |
| 4    |      | Tridecane, 6-propyl-     | 226 | C16H34  | 055045-10-8 | 83   |
| 5    |      | Hexadecane               | 226 | C16H34  | 000544-76-3 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

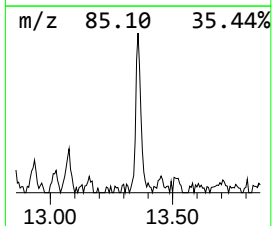
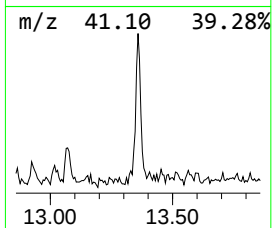
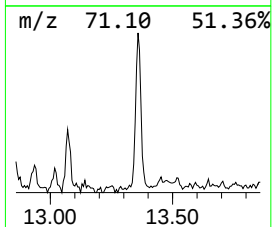
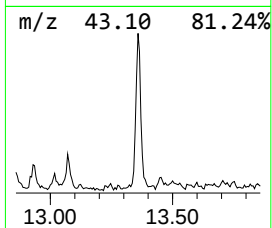
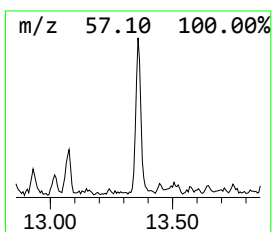
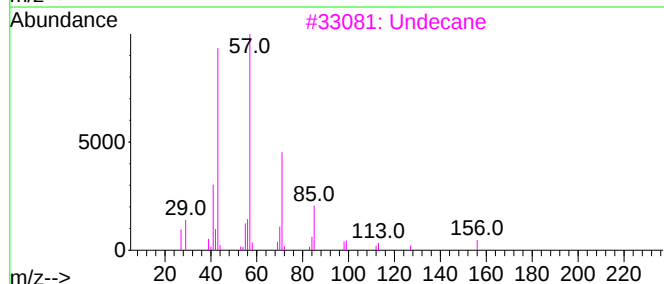
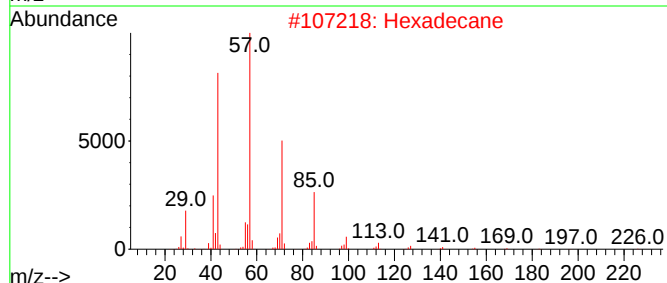
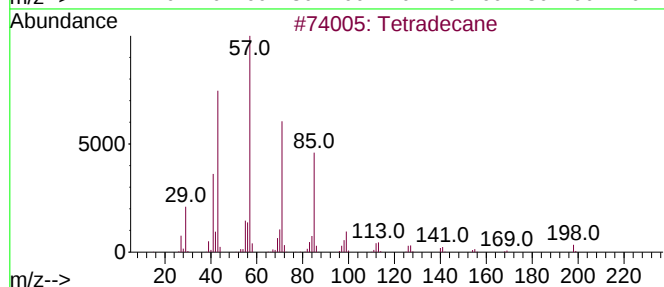
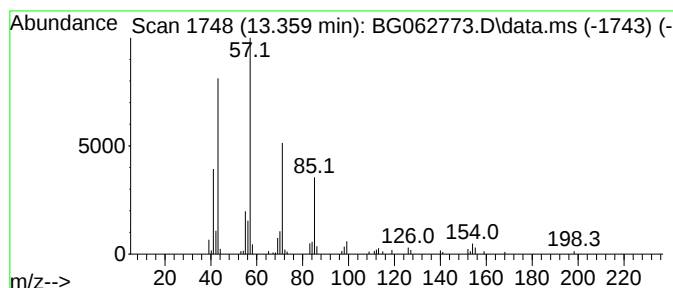
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.358 | 2.75 ng/ul | 100568 | Acenaphthene-d10 | 14.528 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Tetradecane             | 198 | C14H30  | 000629-59-4 | 93   |
| 2    |      | Hexadecane              | 226 | C16H34  | 000544-76-3 | 86   |
| 3    |      | Undecane                | 156 | C11H24  | 001120-21-4 | 72   |
| 4    |      | Heptadecane, 8-methyl-  | 254 | C18H38  | 013287-23-5 | 72   |
| 5    |      | Dodecane, 2,5-dimethyl- | 198 | C14H30  | 056292-65-0 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

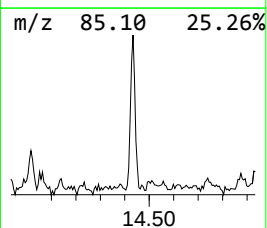
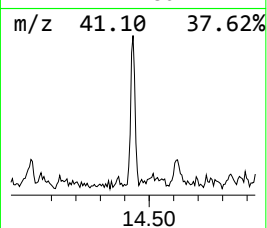
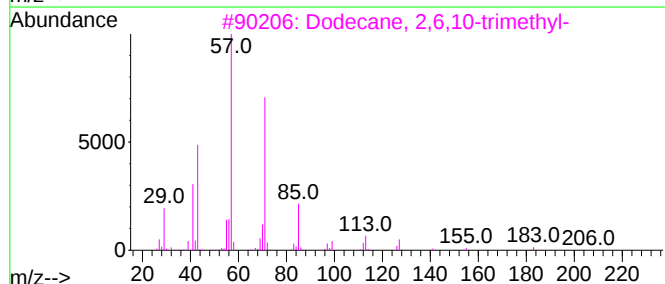
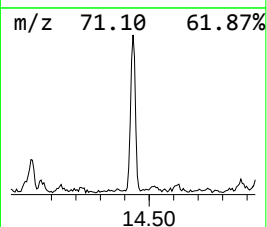
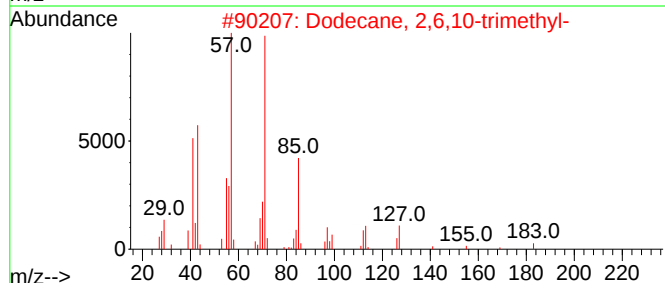
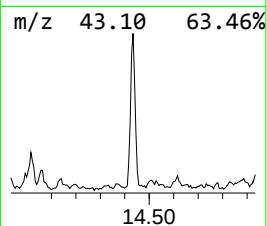
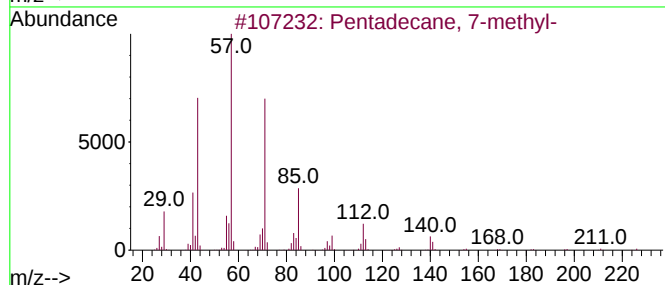
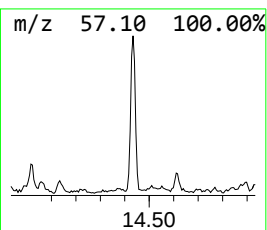
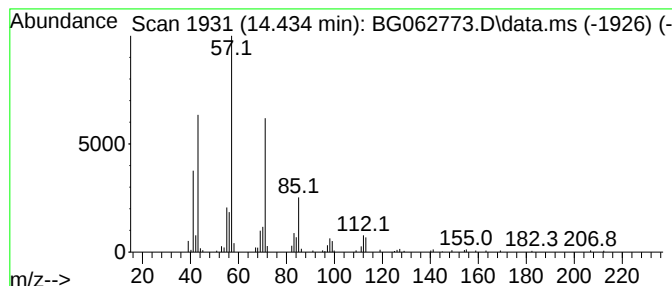
Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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 9

| R.T.      | EstConc                           | Area   | Relative to ISTD |           |              | R.T.   |
|-----------|-----------------------------------|--------|------------------|-----------|--------------|--------|
| 14.434    | 4.32 ng/ul                        | 157687 | Acenaphthene-d10 |           |              | 14.528 |
| Hit# of 5 | Tentative ID                      |        | MW               | MolForm   | CAS#         | Qual   |
| 1         | Pentadecane, 7-methyl-            |        | 226              | C16H34    | 006165-40-8  | 80     |
| 2         | Dodecane, 2,6,10-trimethyl-       |        | 212              | C15H32    | 003891-98-3  | 78     |
| 3         | Dodecane, 2,6,10-trimethyl-       |        | 212              | C15H32    | 003891-98-3  | 72     |
| 4         | Undecane, 2,6-dimethyl-           |        | 184              | C13H28    | 017301-23-4  | 64     |
| 5         | Sulfurous acid, butyl octyl ester |        | 250              | C12H26O3S | 1000309-17-5 | 53     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

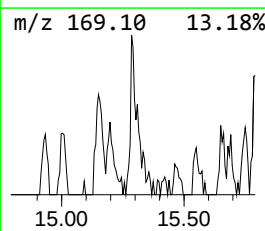
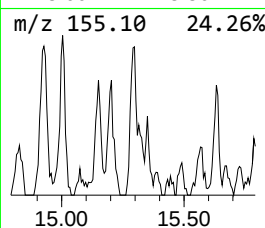
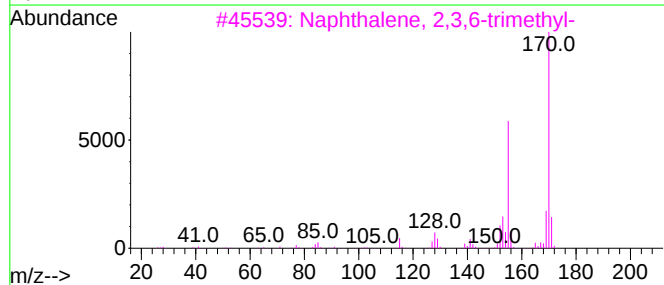
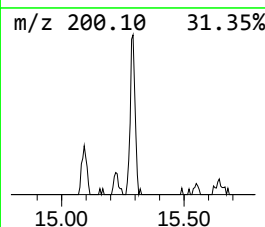
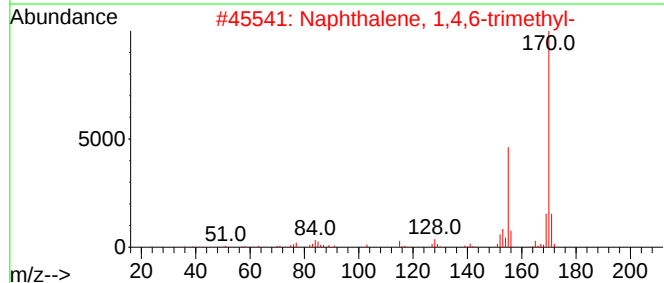
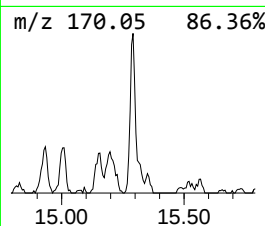
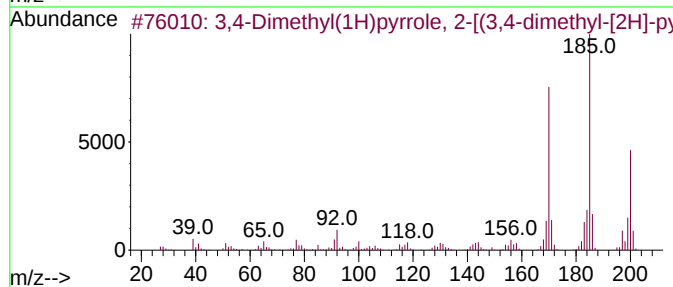
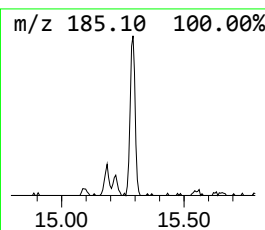
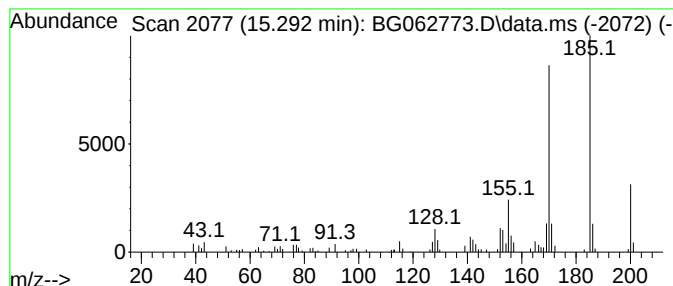
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 21 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.291 | 3.14 ng/ul | 114594 | Acenaphthene-d10 | 14.528 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 3,4-Dimethyl(1H)pyrrole, 2-[(3,4... | 200 | C13H16N2 | 065539-79-9 | 83   |
| 2    |    |   | Naphthalene, 1,4,6-trimethyl-       | 170 | C13H14   | 002131-42-2 | 55   |
| 3    |    |   | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14   | 000829-26-5 | 50   |
| 4    |    |   | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14   | 002245-38-7 | 50   |
| 5    |    |   | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14   | 000829-26-5 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

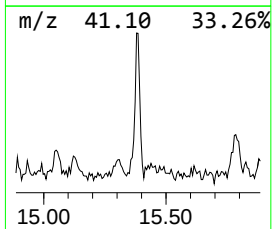
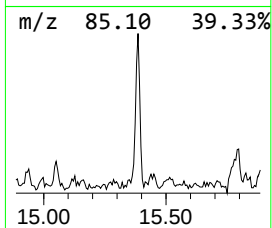
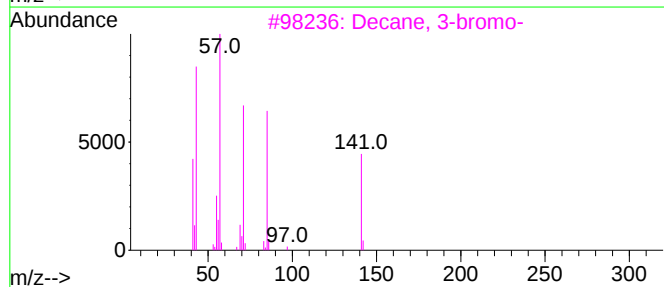
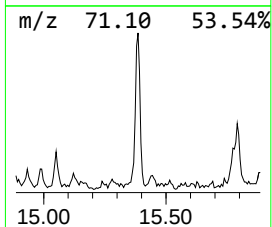
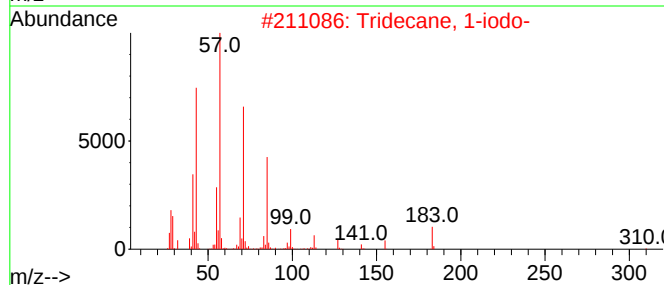
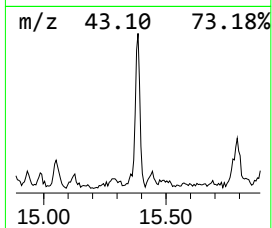
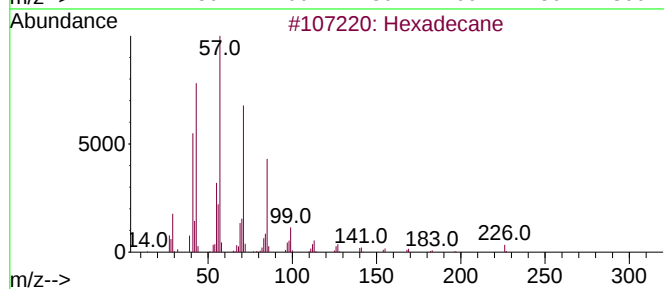
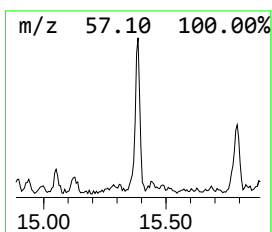
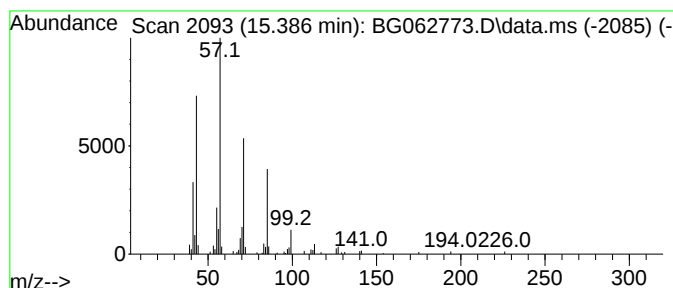
Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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 22 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.      | EstConc            | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------|--------|------------------|-------------|------|
| 15.386    | 3.54 ng/ul         | 129345 | Acenaphthene-d10 | 14.528      |      |
| Hit# of 5 | Tentative ID       | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexadecane         | 226    | C16H34           | 000544-76-3 | 87   |
| 2         | Tridecane, 1-iodo- | 310    | C13H27I          | 035599-77-0 | 83   |
| 3         | Decane, 3-bromo-   | 220    | C10H21Br         | 030571-71-2 | 72   |
| 4         | 1-Iodoundecane     | 282    | C11H23I          | 004282-44-4 | 72   |
| 5         | Hexadecane         | 226    | C16H34           | 000544-76-3 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

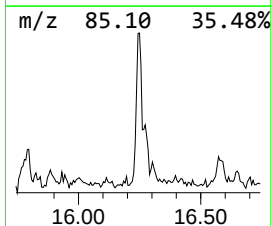
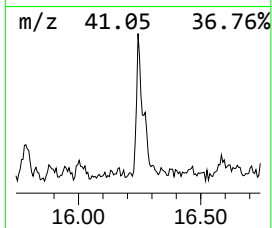
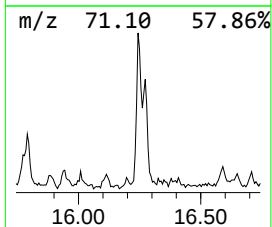
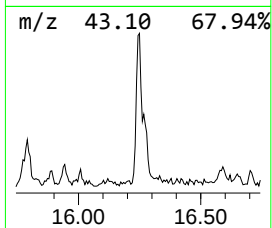
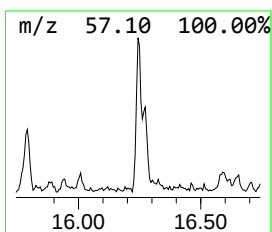
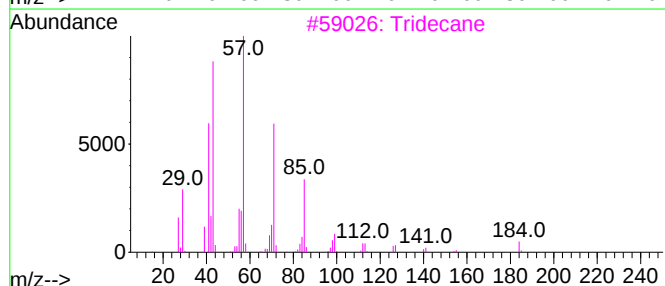
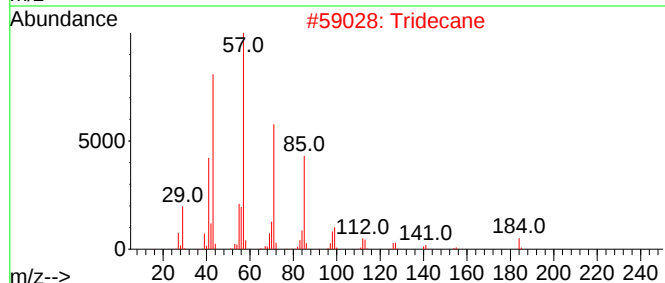
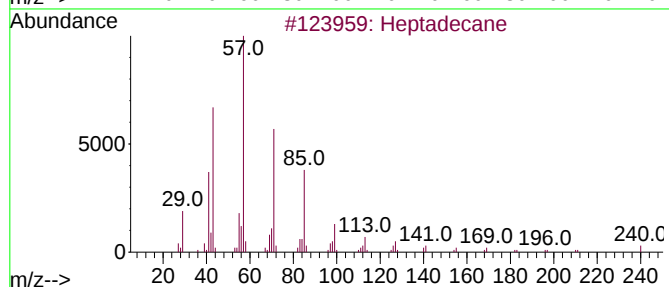
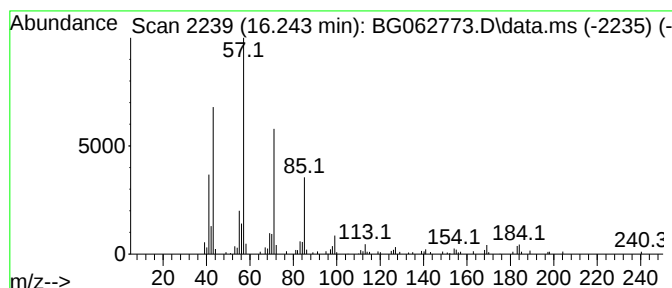
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.243 | 2.78 ng/ul | 140953 | Phenanthrene-d10 | 17.278 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 2    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 3    |      | Tridecane    | 184 | C13H28  | 000629-50-5 | 89   |
| 4    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 74   |
| 5    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

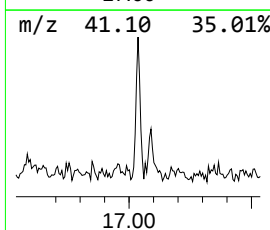
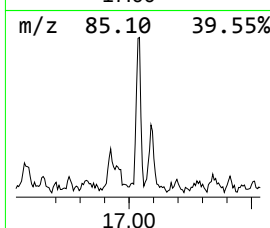
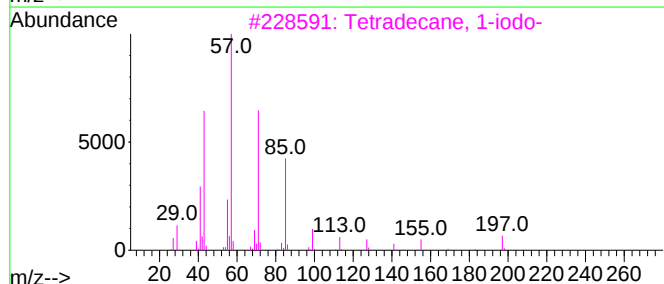
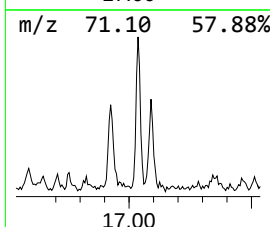
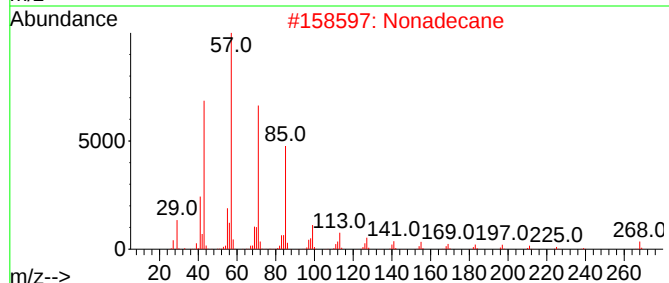
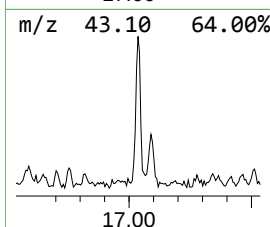
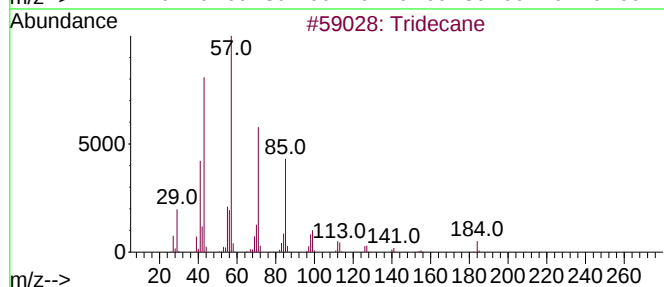
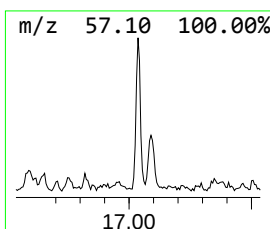
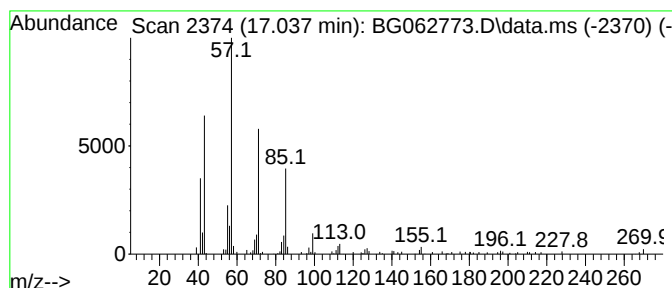
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.037 | 2.68 ng/ul | 135610 | Phenanthrene-d10 | 17.278 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Tridecane            | 184 | C13H28  | 000629-50-5 | 91   |
| 2    |      | Nonadecane           | 268 | C19H40  | 000629-92-5 | 90   |
| 3    |      | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80   |
| 4    |      | Eicosane             | 282 | C20H42  | 000112-95-8 | 80   |
| 5    |      | Tridecane, 1-iodo-   | 310 | C13H27I | 035599-77-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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

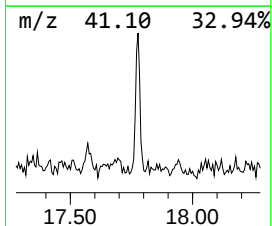
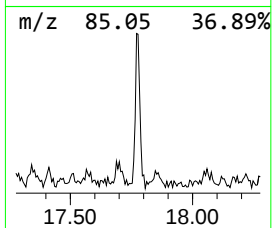
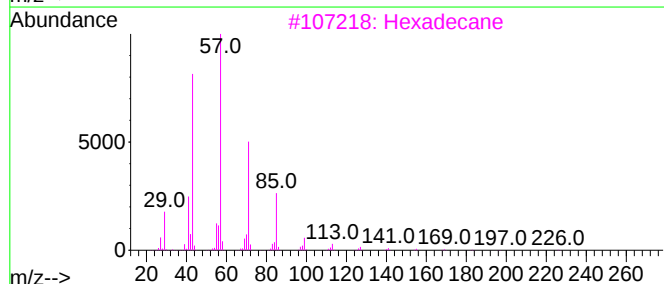
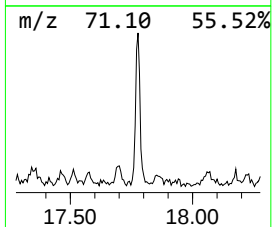
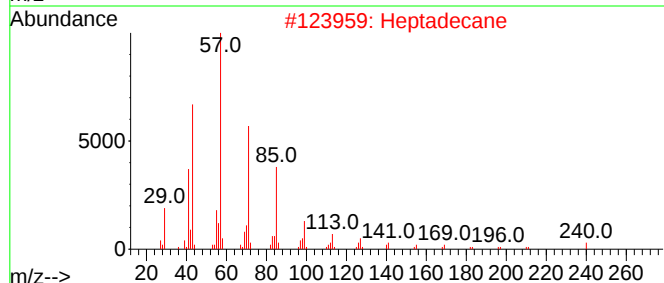
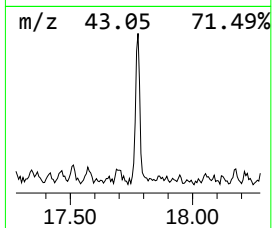
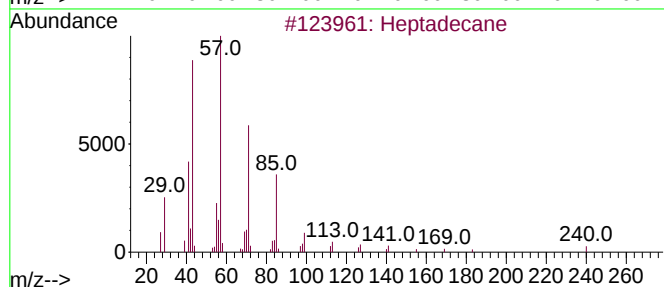
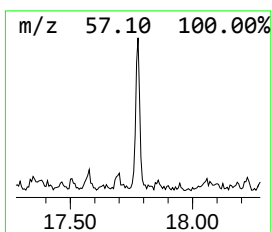
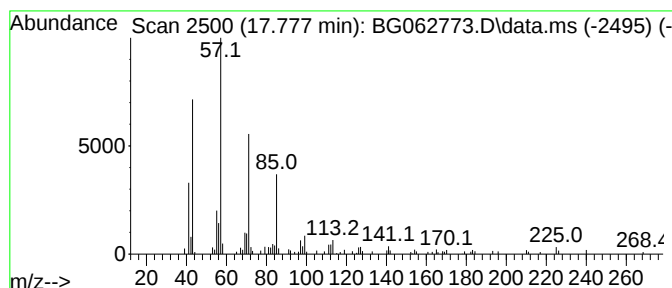
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.777 | 2.10 ng/ul | 106215 | Phenanthrene-d10 | 17.278 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane                         | 240 | C17H36  | 000629-78-7 | 97   |
| 2    |    |   | Heptadecane                         | 240 | C17H36  | 000629-78-7 | 95   |
| 3    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 94   |
| 4    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 91   |
| 5    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062773.D  
Acq On : 12 Sep 2024 22:18  
Operator : JU/RC  
Sample : P3877-07DL2 30X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCVY2DL2

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 |
| Butanoic acid      | 4.005  | 7.5     | ng/ul | 107042   | 1                     | 7.906  | 285949  | 20.0 |
| 2-Pentanone, 4-... | 5.021  | 2.3     | ng/ul | 32884    | 1                     | 7.906  | 285949  | 20.0 |
| (DEL) Alkane: S... | 5.932  | 4.9     | ng/ul | 70639    | 1                     | 7.906  | 285949  | 20.0 |
| Hexylene glycol    | 6.214  | 4.4     | ng/ul | 63316    | 1                     | 7.906  | 285949  | 20.0 |
| unknown-01         | 6.402  | 2.1     | ng/ul | 29699    | 1                     | 7.906  | 285949  | 20.0 |
| (DEL) Alkane: S... | 6.901  | 2.3     | ng/ul | 33066    | 1                     | 7.906  | 285949  | 20.0 |
| (DEL) Alkane: S... | 6.960  | 2.5     | ng/ul | 36372    | 1                     | 7.906  | 285949  | 20.0 |
| Benzene, 1-ethy... | 6.995  | 2.1     | ng/ul | 29865    | 1                     | 7.906  | 285949  | 20.0 |
| 2,2-Dimethyl-3-... | 7.066  | 5.0     | ng/ul | 70797    | 1                     | 7.906  | 285949  | 20.0 |
| (DEL) Alkane: S... | 7.530  | 16.5    | ng/ul | 235428   | 1                     | 7.906  | 285949  | 20.0 |
| 1-Hexanol, 2-et... | 7.965  | 5.8     | ng/ul | 82998    | 1                     | 7.906  | 285949  | 20.0 |
| Benzene, (1-met... | 8.447  | 2.8     | ng/ul | 40242    | 1                     | 7.906  | 285949  | 20.0 |
| (DEL) Alkane: S... | 8.564  | 5.0     | ng/ul | 72259    | 1                     | 7.906  | 285949  | 20.0 |
| (DEL) Alkane: S... | 8.670  | 2.5     | ng/ul | 35186    | 1                     | 7.906  | 285949  | 20.0 |
| (DEL) Alkane: S... | 9.128  | 14.1    | ng/ul | 201627   | 1                     | 7.906  | 285949  | 20.0 |
| 2,4-Dipropyl-5-... | 11.073 | 3.3     | ng/ul | 89635    | 2                     | 10.691 | 546514  | 20.0 |
| Benzene, 1,3,5-... | 11.790 | 2.2     | ng/ul | 59647    | 2                     | 10.691 | 546514  | 20.0 |
| (DEL) Alkane: S... | 12.119 | 3.5     | ng/ul | 95035    | 2                     | 10.691 | 546514  | 20.0 |
| (DEL) Alkane: S... | 13.358 | 2.8     | ng/ul | 100568   | 3                     | 14.528 | 730185  | 20.0 |
| (DEL) Alkane: S... | 14.434 | 4.3     | ng/ul | 157687   | 3                     | 14.528 | 730185  | 20.0 |
| 3,4-Dimethyl(1H... | 15.291 | 3.1     | ng/ul | 114594   | 3                     | 14.528 | 730185  | 20.0 |
| (DEL) Alkane: S... | 15.386 | 3.5     | ng/ul | 129345   | 3                     | 14.528 | 730185  | 20.0 |
| (DEL) Alkane: S... | 16.243 | 2.8     | ng/ul | 140953   | 4                     | 17.278 | 1012280 | 20.0 |
| (DEL) Alkane: S... | 17.037 | 2.7     | ng/ul | 135610   | 4                     | 17.278 | 1012280 | 20.0 |
| (DEL) Alkane: S... | 17.777 | 2.1     | ng/ul | 106215   | 4                     | 17.278 | 1012280 | 20.0 |