

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
 Data File : BM047706.D  
 Acq On : 29 Sep 2024 00:36  
 Operator : RC/JU  
 Sample : P3927-03DL 10X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDC81DL

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\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM047706.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         | 5.834       | 479           | 484         | 493          | rVB4     | 35742          | 67672         | 0.47%           | 0.134%        |
| 2         | 6.310       | 556           | 565         | 573          | rBV2     | 40122          | 67528         | 0.47%           | 0.133%        |
| 3         | 6.804       | 641           | 649         | 656          | rBV2     | 81586          | 206011        | 1.44%           | 0.407%        |
| 4         | 6.875       | 656           | 661         | 663          | rBV      | 50206          | 72031         | 0.50%           | 0.142%        |
| 5         | 6.910       | 663           | 667         | 672          | rVB      | 216531         | 312372        | 2.18%           | 0.617%        |
| 6         | 6.975       | 672           | 678         | 685          | rBV3     | 149964         | 292059        | 2.04%           | 0.577%        |
| 7         | 7.046       | 685           | 690         | 697          | rVB      | 114097         | 179992        | 1.25%           | 0.355%        |
| 8         | 7.146       | 701           | 707         | 713          | rBV      | 53039          | 91106         | 0.64%           | 0.180%        |
| 9         | 7.210       | 713           | 718         | 721          | rBV      | 120537         | 185881        | 1.30%           | 0.367%        |
| 10        | 7.246       | 721           | 724         | 729          | rVB      | 83566          | 109481        | 0.76%           | 0.216%        |
| 11        | 7.346       | 737           | 741         | 746          | rVB2     | 48305          | 73182         | 0.51%           | 0.145%        |
| 12        | 7.463       | 753           | 761         | 769          | rBV2     | 314339         | 655259        | 4.57%           | 1.294%        |
| 13        | 7.816       | 814           | 821         | 827          | rVV      | 874787         | 1461119       | 10.19%          | 2.885%        |
| 14        | 7.887       | 827           | 833         | 837          | rVV5     | 41690          | 107533        | 0.75%           | 0.212%        |
| 15        | 7.934       | 837           | 841         | 849          | rVV2     | 107883         | 179108        | 1.25%           | 0.354%        |
| 16        | 8.193       | 878           | 885         | 890          | rBV      | 86276          | 144320        | 1.01%           | 0.285%        |
| 17        | 8.293       | 898           | 902         | 908          | rBV2     | 105994         | 174210        | 1.21%           | 0.344%        |
| 18        | 8.357       | 908           | 913         | 919          | rVB2     | 86620          | 157419        | 1.10%           | 0.311%        |
| 19        | 8.416       | 919           | 923         | 926          | rBV      | 48865          | 60860         | 0.42%           | 0.120%        |
| 20        | 8.457       | 926           | 930         | 932          | rBV2     | 75890          | 104272        | 0.73%           | 0.206%        |
| 21        | 8.516       | 937           | 940         | 947          | rVB3     | 88331          | 130062        | 0.91%           | 0.257%        |
| 22        | 8.587       | 947           | 952         | 956          | rBV      | 75943          | 131956        | 0.92%           | 0.261%        |
| 23        | 8.622       | 956           | 958         | 968          | rVB      | 50382          | 69323         | 0.48%           | 0.137%        |
| 24        | 8.816       | 986           | 991         | 1000         | rVB2     | 129522         | 230486        | 1.61%           | 0.455%        |
| 25        | 8.928       | 1000          | 1010        | 1014         | rBV3     | 116014         | 247595        | 1.73%           | 0.489%        |
| 26        | 9.051       | 1026          | 1031        | 1036         | rVB      | 232670         | 320117        | 2.23%           | 0.632%        |
| 27        | 9.169       | 1042          | 1051        | 1057         | rVB7     | 44201          | 113484        | 0.79%           | 0.224%        |
| 28        | 9.275       | 1057          | 1069        | 1074         | rBV4     | 80137          | 205563        | 1.43%           | 0.406%        |
| 29        | 9.398       | 1087          | 1090        | 1095         | rVB3     | 47923          | 69835         | 0.49%           | 0.138%        |
| 30        | 9.604       | 1119          | 1125        | 1133         | rVB4     | 28006          | 57865         | 0.40%           | 0.114%        |
| 31        | 9.692       | 1133          | 1140        | 1146         | rBV5     | 46088          | 103339        | 0.72%           | 0.204%        |
| 32        | 9.822       | 1155          | 1162        | 1166         | rVV7     | 26359          | 63878         | 0.45%           | 0.126%        |
| 33        | 10.016      | 1190          | 1195        | 1198         | rVV5     | 32249          | 63530         | 0.44%           | 0.125%        |
| 34        | 10.228      | 1222          | 1231        | 1239         | rVB6     | 64504          | 161335        | 1.12%           | 0.319%        |
| 35        | 10.310      | 1239          | 1245        | 1251         | rBV4     | 32726          | 58613         | 0.41%           | 0.116%        |
| 36        | 10.604      | 1286          | 1295        | 1302         | rBV2     | 3049403        | 4988272       | 34.77%          | 9.851%        |

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDC81DL

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\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 10.657 | 1302 | 1304 | 1310 | rVB  | 55663   | 73946   | 0.52%  | 0.146% |
| 38 | 10.734 | 1310 | 1317 | 1324 | rBV3 | 474458  | 829126  | 5.78%  | 1.637% |
| 39 | 10.886 | 1337 | 1343 | 1356 | rVB4 | 72686   | 187215  | 1.31%  | 0.370% |
| 40 | 11.004 | 1356 | 1363 | 1371 | rBV4 | 46681   | 93759   | 0.65%  | 0.185% |
| 41 | 11.122 | 1373 | 1383 | 1391 | rBV  | 394031  | 668835  | 4.66%  | 1.321% |
| 42 | 11.504 | 1443 | 1448 | 1451 | rVV  | 115227  | 191278  | 1.33%  | 0.378% |
| 43 | 11.534 | 1451 | 1453 | 1462 | rVV4 | 67192   | 126226  | 0.88%  | 0.249% |
| 44 | 11.645 | 1466 | 1472 | 1481 | rVV  | 72530   | 127785  | 0.89%  | 0.252% |
| 45 | 11.733 | 1482 | 1487 | 1496 | rVB3 | 44246   | 81672   | 0.57%  | 0.161% |
| 46 | 11.851 | 1501 | 1507 | 1518 | rVB5 | 81466   | 227215  | 1.58%  | 0.449% |
| 47 | 11.957 | 1518 | 1525 | 1532 | rBV  | 63648   | 117358  | 0.82%  | 0.232% |
| 48 | 12.033 | 1532 | 1538 | 1548 | rVB3 | 133856  | 243803  | 1.70%  | 0.481% |
| 49 | 12.269 | 1572 | 1578 | 1586 | rVB3 | 58402   | 116745  | 0.81%  | 0.231% |
| 50 | 12.375 | 1586 | 1596 | 1598 | rBV  | 35261   | 69742   | 0.49%  | 0.138% |
| 51 | 12.445 | 1602 | 1608 | 1614 | rBV2 | 540683  | 862334  | 6.01%  | 1.703% |
| 52 | 12.698 | 1647 | 1651 | 1661 | rVB  | 64862   | 113511  | 0.79%  | 0.224% |
| 53 | 12.792 | 1661 | 1667 | 1673 | rBV5 | 55543   | 97389   | 0.68%  | 0.192% |
| 54 | 13.022 | 1701 | 1706 | 1712 | rVB  | 135933  | 230471  | 1.61%  | 0.455% |
| 55 | 13.280 | 1745 | 1750 | 1756 | rBV  | 121542  | 177943  | 1.24%  | 0.351% |
| 56 | 13.504 | 1781 | 1788 | 1796 | rVB3 | 139942  | 260078  | 1.81%  | 0.514% |
| 57 | 13.627 | 1796 | 1809 | 1814 | rBV5 | 93246   | 248388  | 1.73%  | 0.491% |
| 58 | 13.769 | 1822 | 1833 | 1837 | rBV4 | 48869   | 132699  | 0.93%  | 0.262% |
| 59 | 13.851 | 1844 | 1847 | 1855 | rVV  | 149415  | 213715  | 1.49%  | 0.422% |
| 60 | 14.004 | 1866 | 1873 | 1876 | rBV7 | 35653   | 72484   | 0.51%  | 0.143% |
| 61 | 14.139 | 1890 | 1896 | 1900 | rBV2 | 125736  | 210177  | 1.47%  | 0.415% |
| 62 | 14.175 | 1900 | 1902 | 1907 | rVB  | 49854   | 57518   | 0.40%  | 0.114% |
| 63 | 14.357 | 1928 | 1933 | 1937 | rBV  | 158212  | 211305  | 1.47%  | 0.417% |
| 64 | 14.398 | 1937 | 1940 | 1942 | rVV2 | 65288   | 88624   | 0.62%  | 0.175% |
| 65 | 14.451 | 1942 | 1949 | 1957 | rVV  | 1589108 | 2522255 | 17.58% | 4.981% |
| 66 | 14.533 | 1960 | 1963 | 1969 | rVB4 | 46262   | 74430   | 0.52%  | 0.147% |
| 67 | 14.639 | 1975 | 1981 | 1987 | rBV9 | 38311   | 104581  | 0.73%  | 0.207% |
| 68 | 14.698 | 1987 | 1991 | 1995 | rVV  | 68844   | 106046  | 0.74%  | 0.209% |
| 69 | 14.804 | 2005 | 2009 | 2014 | rVV7 | 29590   | 64350   | 0.45%  | 0.127% |
| 70 | 14.986 | 2031 | 2040 | 2044 | rVV7 | 73316   | 139708  | 0.97%  | 0.276% |
| 71 | 15.069 | 2049 | 2054 | 2065 | rVV  | 957696  | 1413400 | 9.85%  | 2.791% |
| 72 | 15.174 | 2065 | 2072 | 2078 | rVV7 | 75212   | 149711  | 1.04%  | 0.296% |
| 73 | 15.233 | 2078 | 2082 | 2084 | rVV4 | 34890   | 61295   | 0.43%  | 0.121% |
| 74 | 15.304 | 2091 | 2094 | 2101 | rVB  | 144795  | 187114  | 1.30%  | 0.370% |
| 75 | 15.433 | 2111 | 2116 | 2122 | rVB  | 201737  | 293211  | 2.04%  | 0.579% |
| 76 | 15.545 | 2128 | 2135 | 2144 | rVB7 | 93755   | 167501  | 1.17%  | 0.331% |

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 ClientSampleId :  
 DDC81DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

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Start Thrs: 0.2

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |          |          |         |         |
|-----|--------|------|------|------|------|----------|----------|---------|---------|
| 77  | 15.710 | 2158 | 2163 | 2172 | rVB3 | 82396    | 162452   | 1.13%   | 0.321%  |
| 78  | 15.804 | 2174 | 2179 | 2186 | rVB  | 104066   | 173236   | 1.21%   | 0.342%  |
| 79  | 16.163 | 2236 | 2240 | 2243 | rBV  | 166189   | 219805   | 1.53%   | 0.434%  |
| 80  | 16.263 | 2252 | 2257 | 2261 | rVB2 | 104265   | 135231   | 0.94%   | 0.267%  |
| 81  | 16.516 | 2294 | 2300 | 2307 | rBV3 | 80242    | 145002   | 1.01%   | 0.286%  |
| 82  | 16.839 | 2348 | 2355 | 2366 | rBV  | 10390828 | 14345655 | 100.00% | 28.330% |
| 83  | 16.951 | 2368 | 2374 | 2379 | rVV  | 198365   | 341114   | 2.38%   | 0.674%  |
| 84  | 17.010 | 2379 | 2384 | 2392 | rVB  | 83128    | 156131   | 1.09%   | 0.308%  |
| 85  | 17.186 | 2408 | 2414 | 2424 | rBV  | 2021564  | 2880451  | 20.08%  | 5.688%  |
| 86  | 17.280 | 2424 | 2430 | 2435 | rBV  | 200197   | 294408   | 2.05%   | 0.581%  |
| 87  | 17.692 | 2495 | 2500 | 2505 | rBV  | 152996   | 190520   | 1.33%   | 0.376%  |
| 88  | 17.863 | 2525 | 2529 | 2533 | rVB  | 72706    | 86334    | 0.60%   | 0.170%  |
| 89  | 18.074 | 2561 | 2565 | 2573 | rVB5 | 68089    | 113974   | 0.79%   | 0.225%  |
| 90  | 18.380 | 2613 | 2617 | 2627 | rBV  | 141717   | 193616   | 1.35%   | 0.382%  |
| 91  | 18.521 | 2637 | 2641 | 2651 | rBV  | 99797    | 158908   | 1.11%   | 0.314%  |
| 92  | 19.009 | 2721 | 2724 | 2731 | rVB3 | 120917   | 218411   | 1.52%   | 0.431%  |
| 93  | 19.168 | 2747 | 2751 | 2759 | rVB4 | 41474    | 62890    | 0.44%   | 0.124%  |
| 94  | 19.568 | 2814 | 2819 | 2826 | rBV2 | 248590   | 460311   | 3.21%   | 0.909%  |
| 95  | 20.121 | 2909 | 2913 | 2918 | rVB  | 82480    | 100492   | 0.70%   | 0.198%  |
| 96  | 20.609 | 2994 | 2996 | 3001 | rBV  | 54558    | 61876    | 0.43%   | 0.122%  |
| 97  | 21.098 | 3075 | 3079 | 3085 | rVB  | 147485   | 192221   | 1.34%   | 0.380%  |
| 98  | 21.409 | 3126 | 3132 | 3139 | rBV2 | 2032310  | 3060833  | 21.34%  | 6.045%  |
| 99  | 22.180 | 3259 | 3263 | 3269 | rVB4 | 120432   | 209265   | 1.46%   | 0.413%  |
| 100 | 24.415 | 3635 | 3643 | 3660 | rVB  | 1366253  | 3543004  | 24.70%  | 6.997%  |

Sum of corrected areas: 50637751



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Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

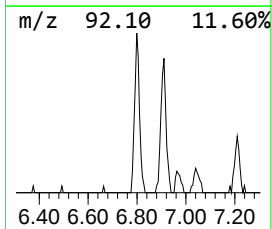
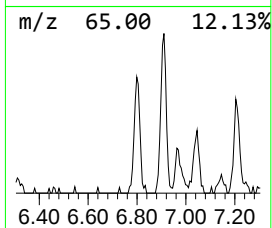
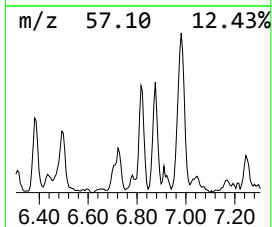
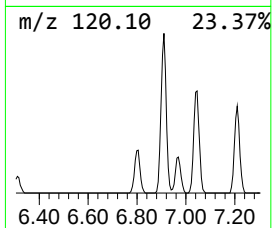
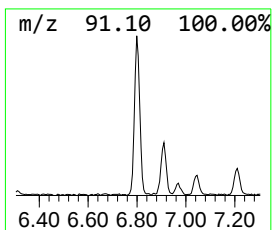
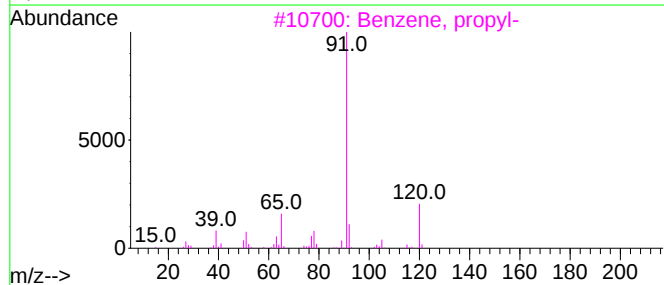
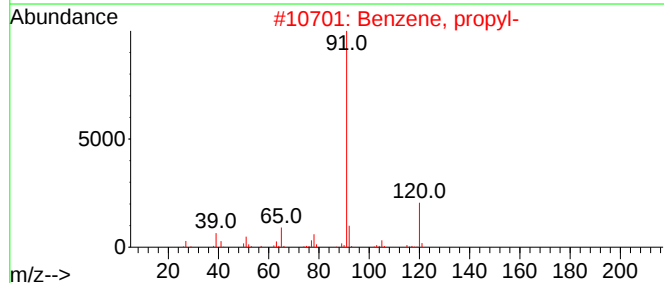
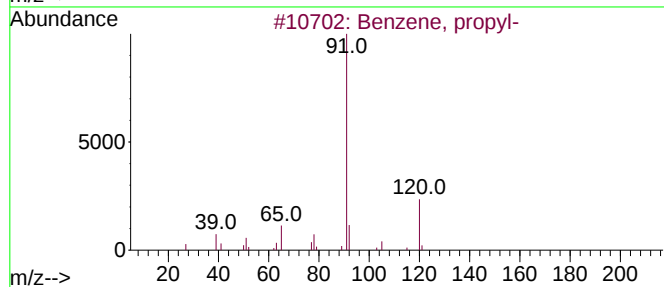
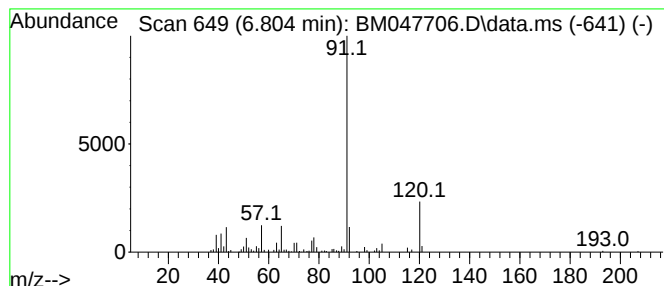
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzene, propyl- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.804 | 2.82 ng/ul | 206011 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 93   |
| 2    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 81   |
| 3    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 81   |
| 4    |    |   | Benzene, propyl-          | 120 | C9H12   | 000103-65-1 | 74   |
| 5    |    |   | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 64   |



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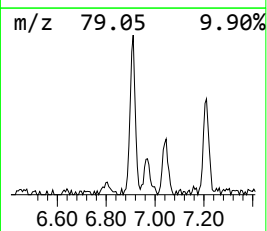
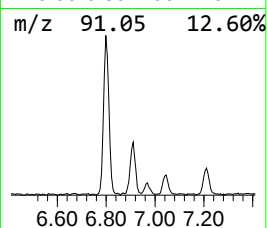
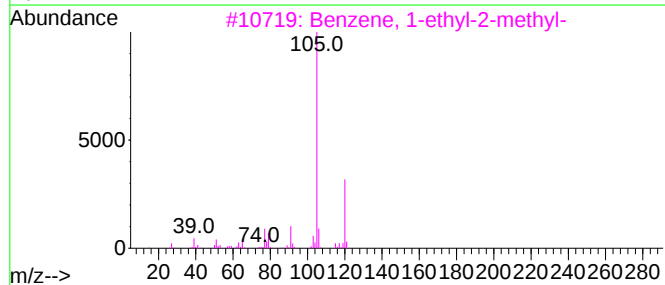
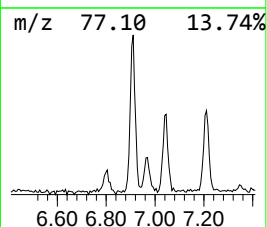
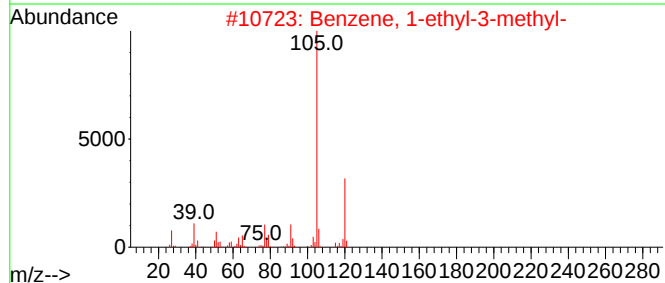
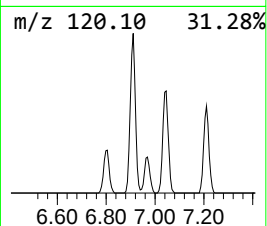
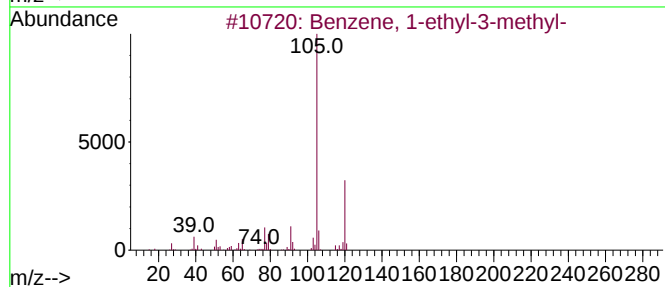
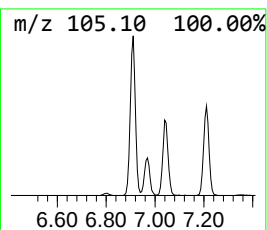
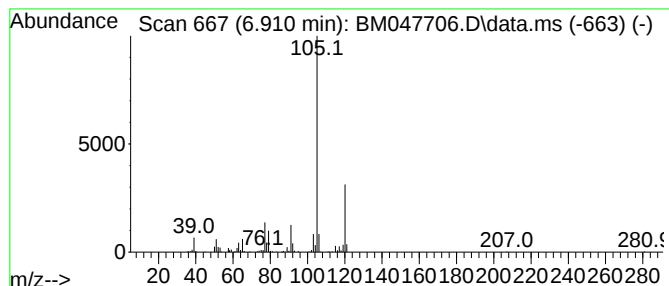
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.910 | 4.28 ng/ul | 312372 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 97   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 4    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 5    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |



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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

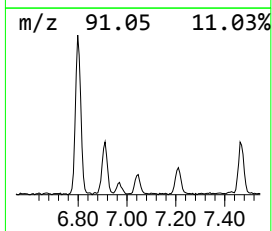
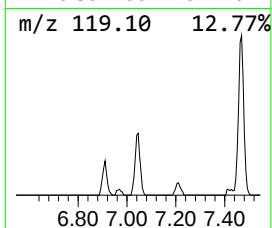
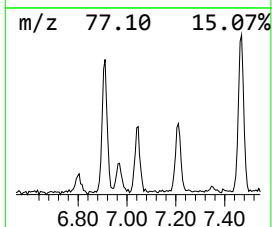
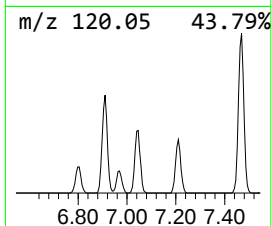
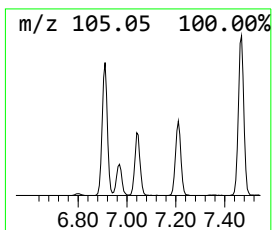
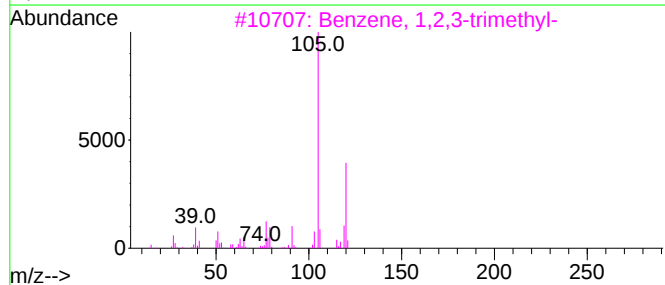
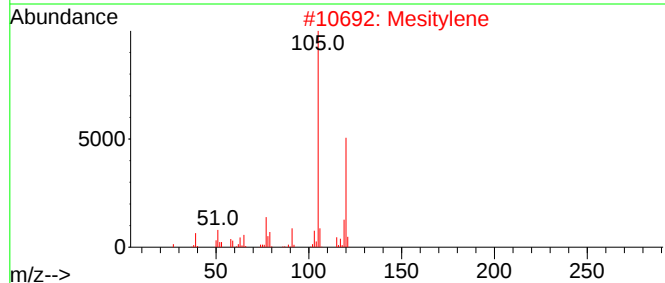
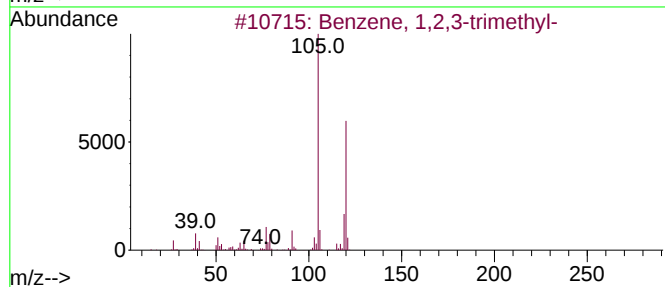
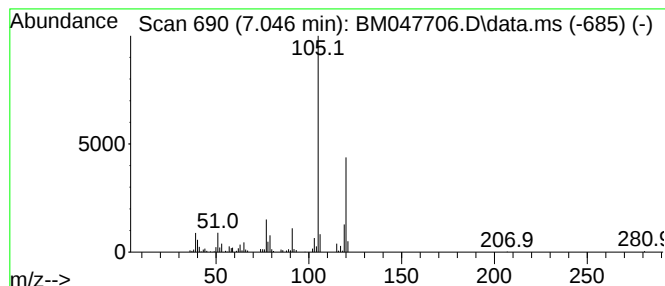
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.046 | 2.46 ng/ul | 179992 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 2    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 3    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 4    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |
| 5    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

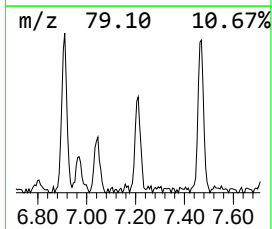
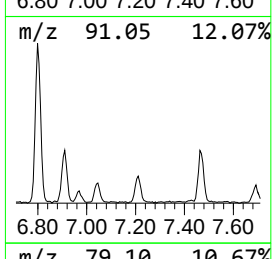
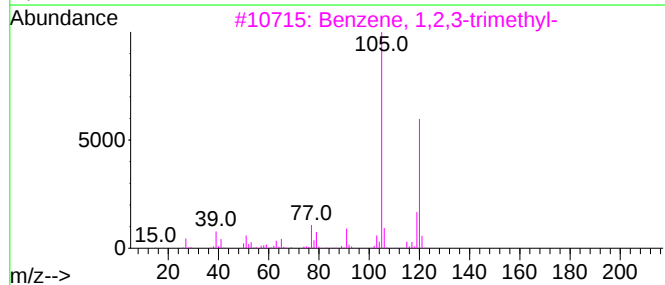
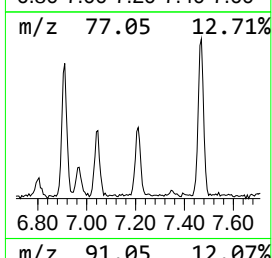
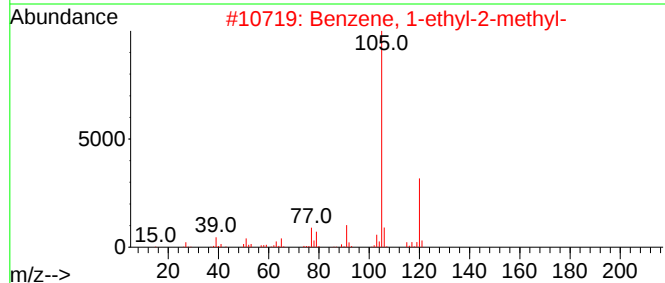
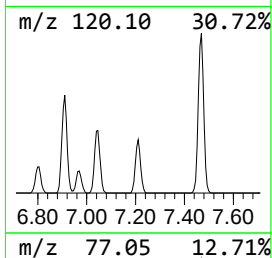
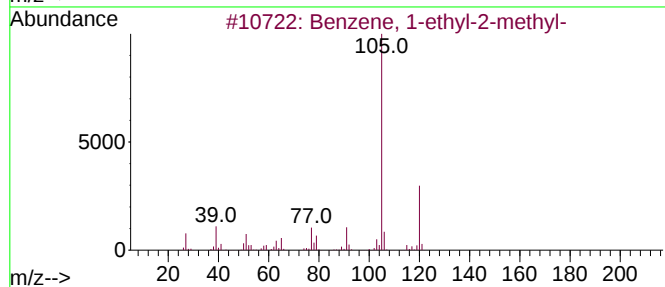
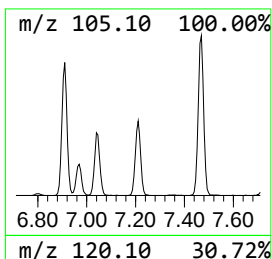
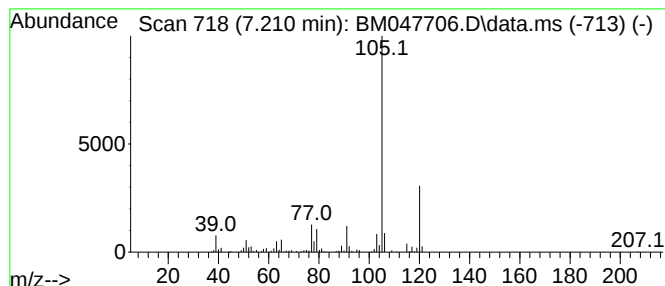
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.210 | 2.54 ng/ul | 185881 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

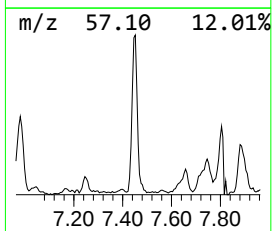
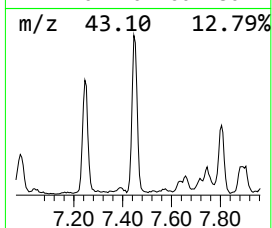
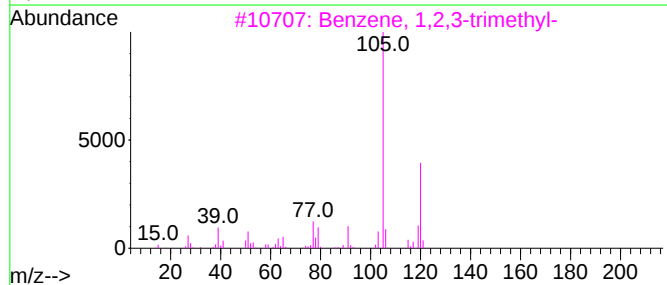
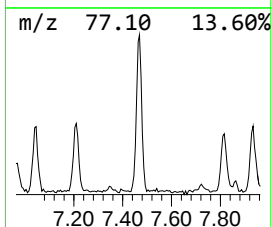
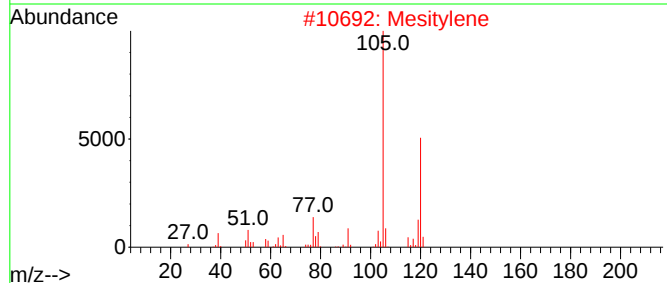
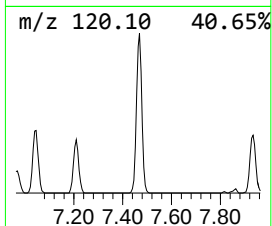
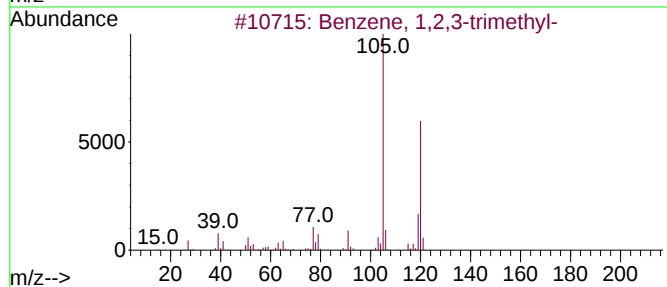
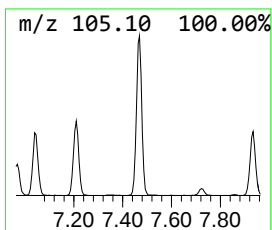
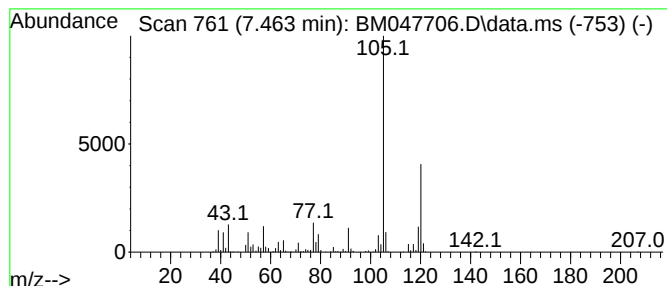
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Mesitylene Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.463 | 8.97 ng/ul | 655259 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 2    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 3    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 4    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 94   |
| 5    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

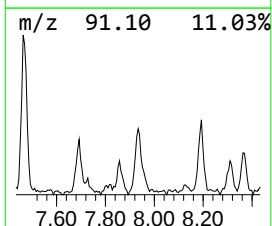
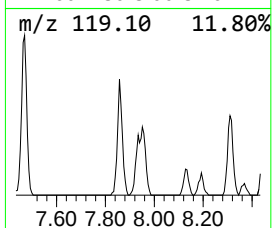
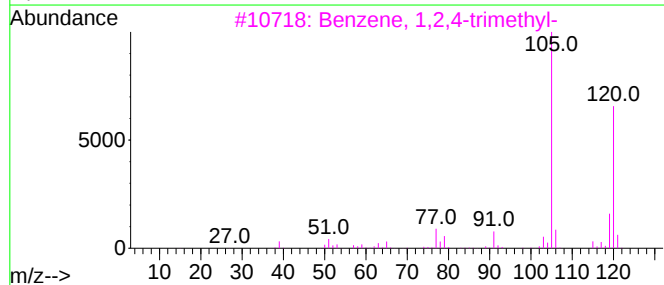
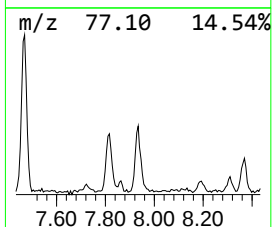
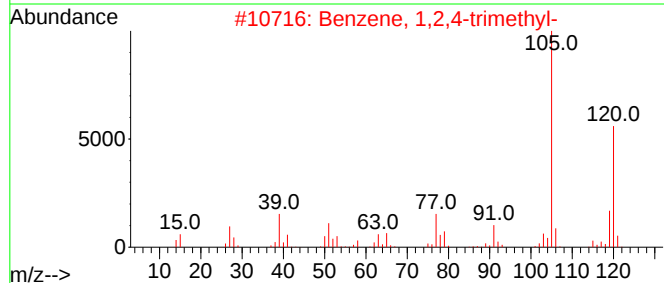
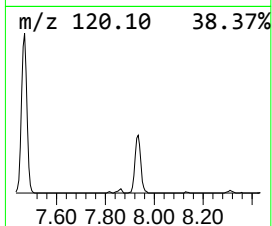
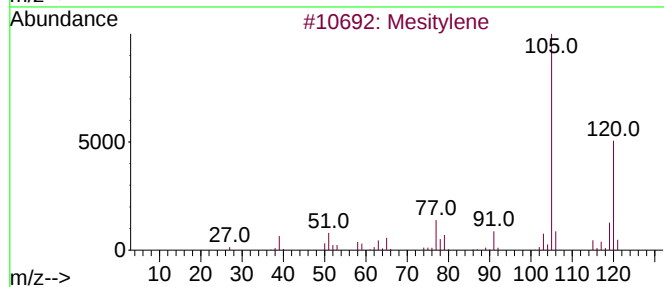
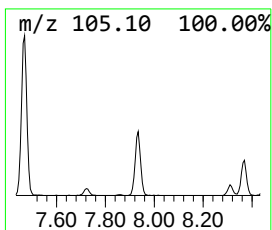
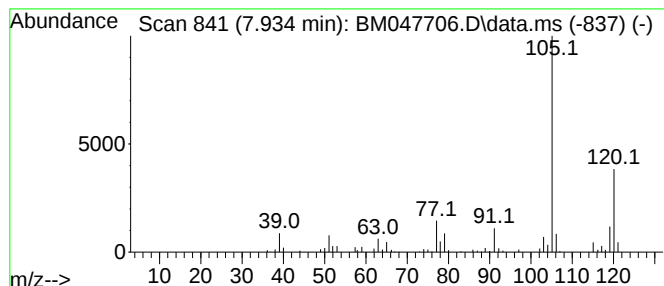
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.934 | 2.45 ng/ul | 179108 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 95   |
| 3    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 5    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

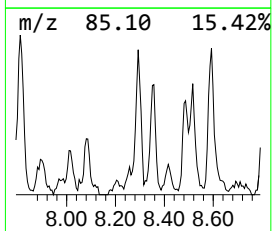
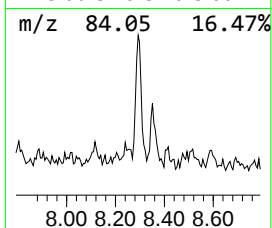
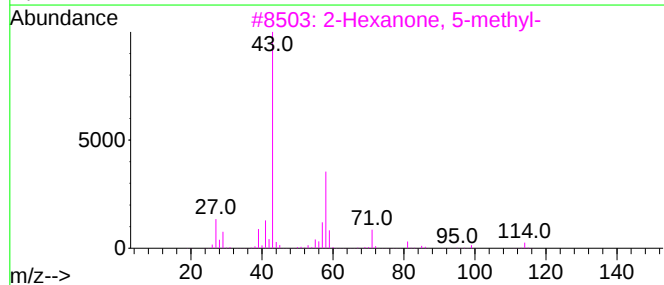
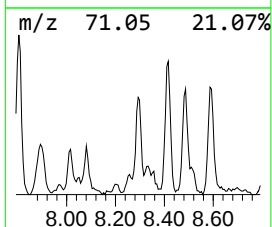
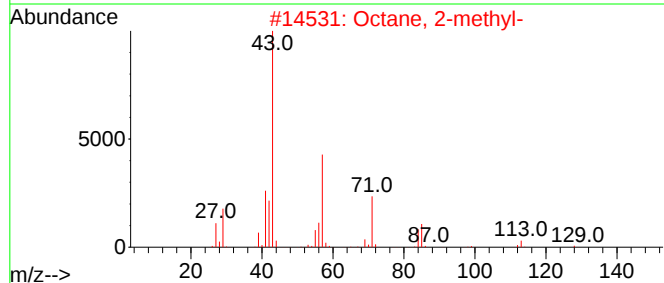
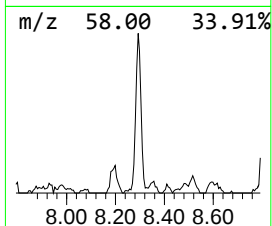
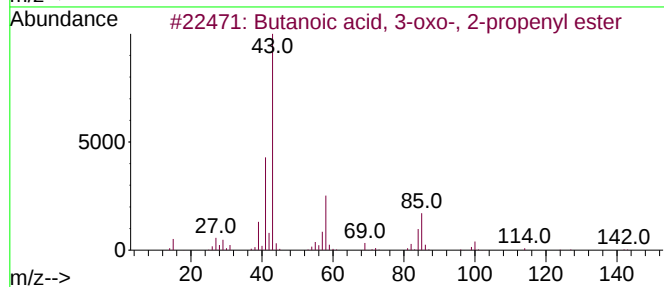
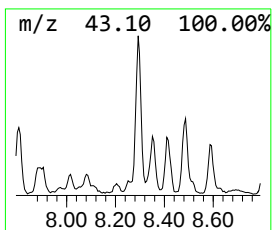
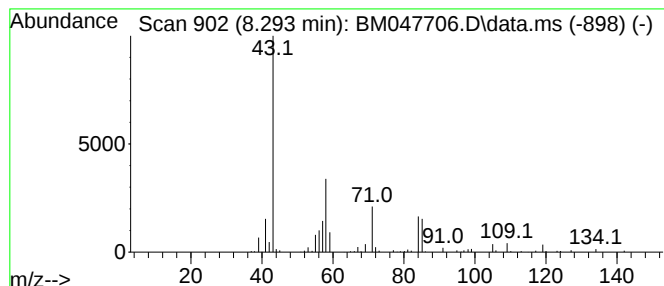
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown-01 Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.293 | 2.38 ng/ul | 174210 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butanoic acid, 3-oxo-, 2-propeny... | 142 | C7H10O3 | 001118-84-9 | 47   |
| 2    |    |   | Octane, 2-methyl-                   | 128 | C9H20   | 003221-61-2 | 47   |
| 3    |    |   | 2-Hexanone, 5-methyl-               | 114 | C7H14O  | 000110-12-3 | 43   |
| 4    |    |   | 2-Hexanone, 5-methyl-               | 114 | C7H14O  | 000110-12-3 | 43   |
| 5    |    |   | 3-Oxetanol, 2,2,3-trimethyl-        | 116 | C6H12O2 | 025910-96-7 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

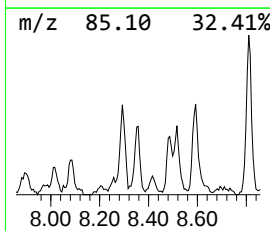
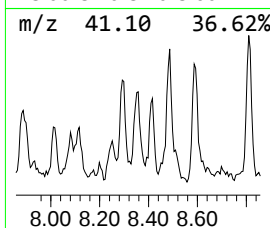
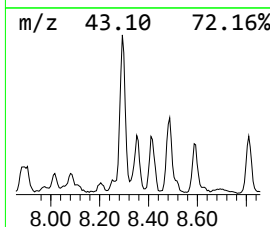
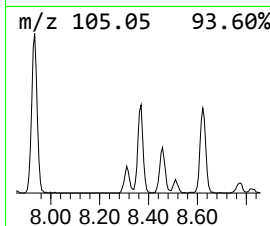
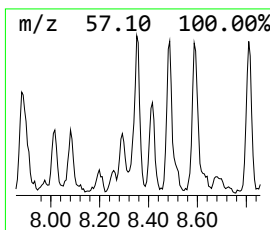
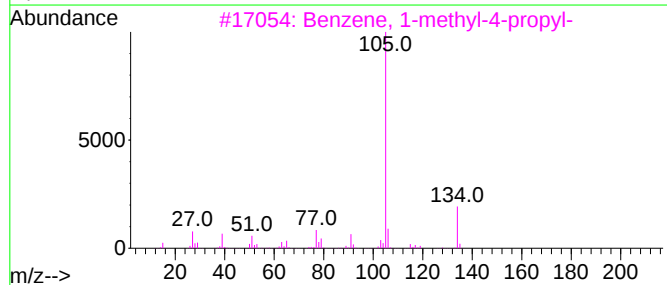
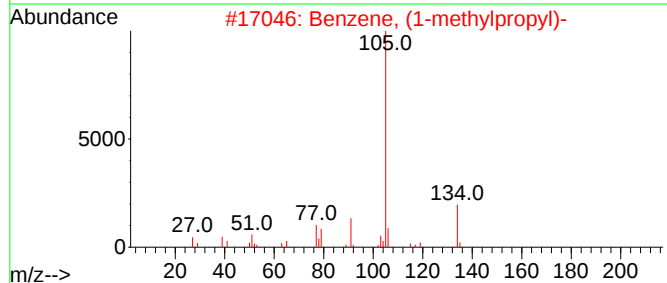
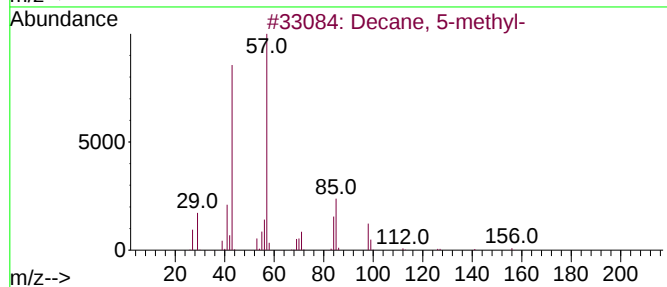
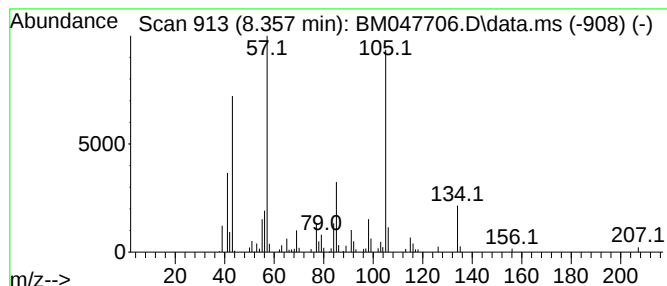
Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.      | EstConc                     | Area   | Relative to ISTD       |         |             | R.T.  |
|-----------|-----------------------------|--------|------------------------|---------|-------------|-------|
| 8.357     | 2.15 ng/ul                  | 157419 | 1,4-Dichlorobenzene-d4 |         |             | 7.816 |
| Hit# of 5 | Tentative ID                |        | MW                     | MolForm | CAS#        | Qual  |
| 1         | Decane, 5-methyl-           |        | 156                    | C11H24  | 013151-35-4 | 43    |
| 2         | Benzene, (1-methylpropyl)-  |        | 134                    | C10H14  | 000135-98-8 | 38    |
| 3         | Benzene, 1-methyl-4-propyl- |        | 134                    | C10H14  | 001074-55-1 | 38    |
| 4         | Benzene, 1-methyl-3-propyl- |        | 134                    | C10H14  | 001074-43-7 | 38    |
| 5         | Benzene, 1-methyl-3-propyl- |        | 134                    | C10H14  | 001074-43-7 | 38    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

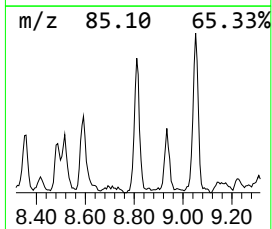
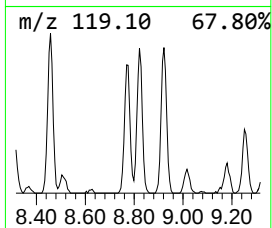
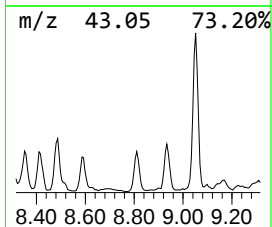
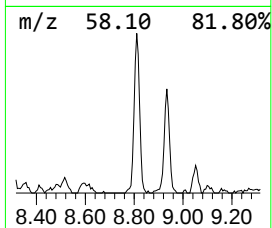
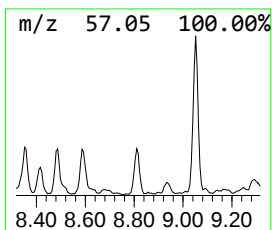
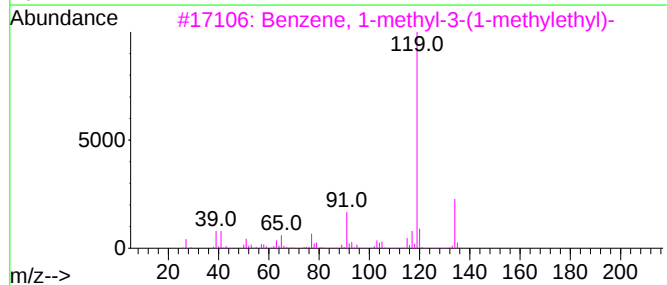
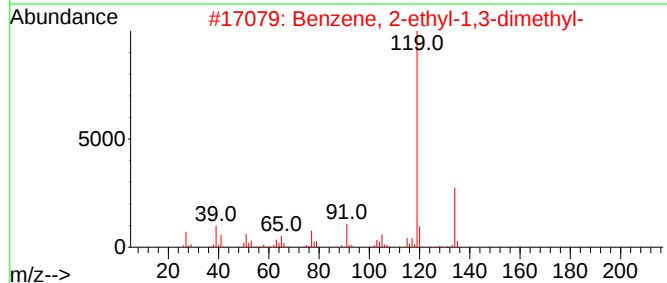
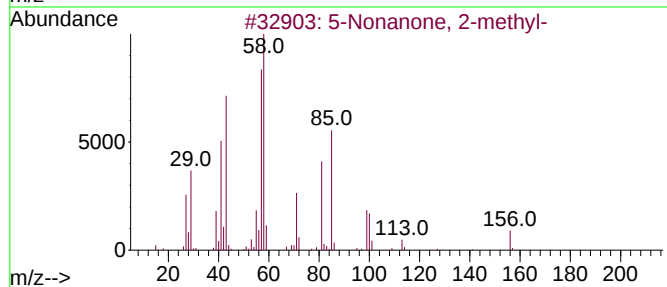
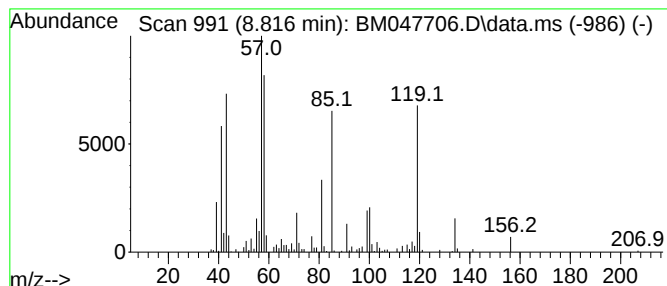
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 unknown-02 Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.816 | 3.15 ng/ul | 230486 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of 5                                 | Tentative ID | MW      | MolForm     | CAS# | Qual |
|------|--------------------------------------|--------------|---------|-------------|------|------|
| 1    | 5-Nonanone, 2-methyl-                | 156          | C10H20O | 022287-02-1 | 43   |      |
| 2    | Benzene, 2-ethyl-1,3-dimethyl-       | 134          | C10H14  | 002870-04-4 | 25   |      |
| 3    | Benzene, 1-methyl-3-(1-methylethyl)- | 134          | C10H14  | 000535-77-3 | 25   |      |
| 4    | o-Cymene                             | 134          | C10H14  | 000527-84-4 | 25   |      |
| 5    | Benzene, 1-ethyl-2,4-dimethyl-       | 134          | C10H14  | 000874-41-9 | 25   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

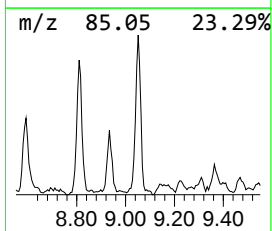
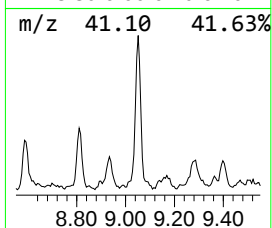
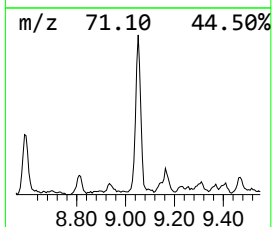
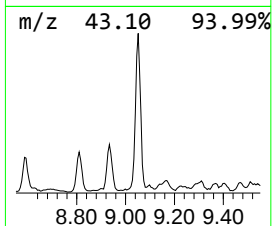
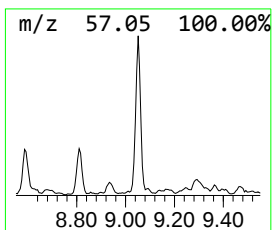
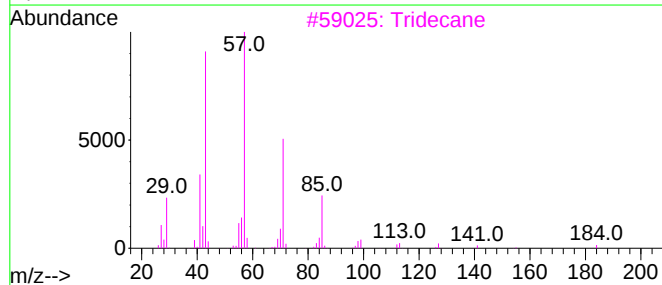
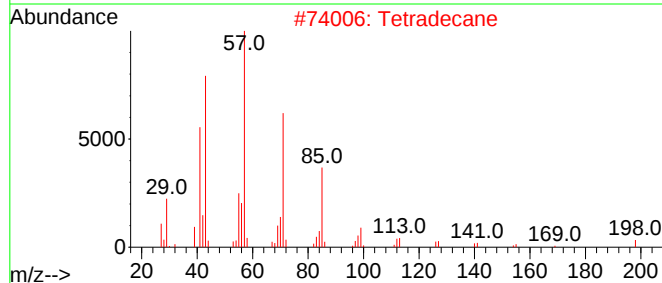
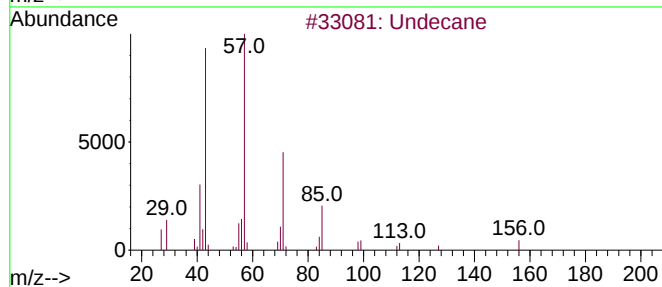
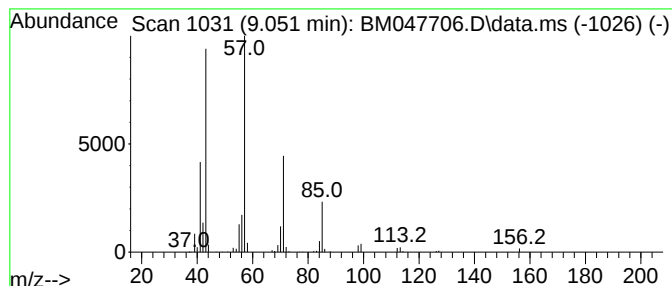
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 9.051 | 4.38 ng/ul | 320117 | 1,4-Dichlorobenzene-d4 | 7.816 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Undecane     | 156 | C11H24  | 001120-21-4 | 91   |
| 2    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 86   |
| 4    |    |   | Undecane     | 156 | C11H24  | 001120-21-4 | 83   |
| 5    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

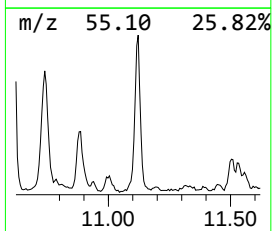
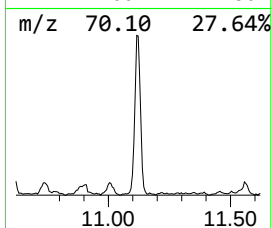
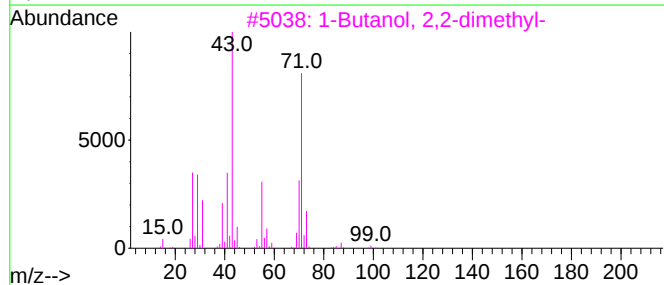
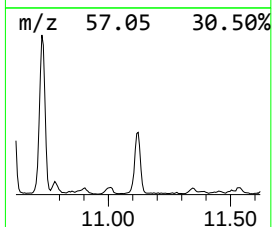
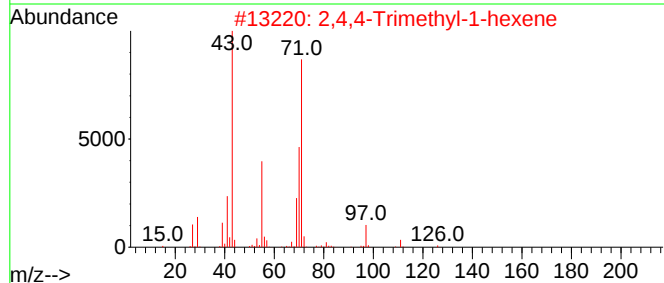
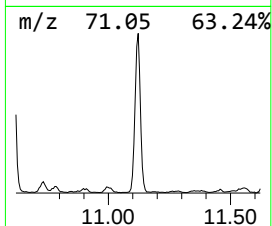
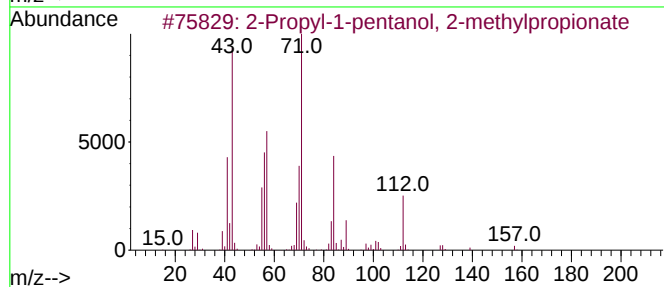
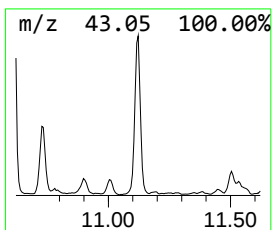
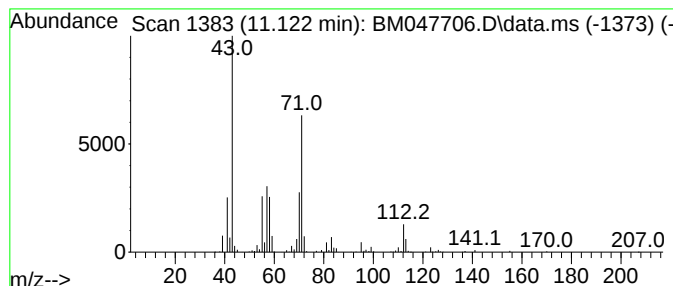
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 unknown-03 Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.122 | 2.68 ng/ul | 668835 | Naphthalene-d8   | 10.610 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Propyl-1-pentanol, 2-methylpro... | 200 | C12H24O2     | 1000447-36-4 | 47      |      |      |
| 2    | 2,4,4-Trimethyl-1-hexene            | 126 | C9H18        | 051174-12-0  | 43      |      |      |
| 3    | 1-Butanol, 2,2-dimethyl-            | 102 | C6H14O       | 001185-33-7  | 40      |      |      |
| 4    | 1-Butanol, 2,2-dimethyl-            | 102 | C6H14O       | 001185-33-7  | 40      |      |      |
| 5    | Oxalic acid, 2-ethylhexyl pentyl... | 272 | C15H28O4     | 1000309-38-7 | 38      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

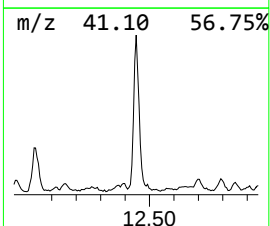
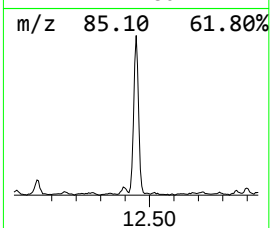
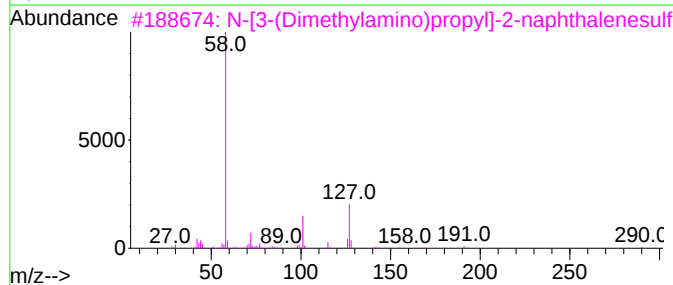
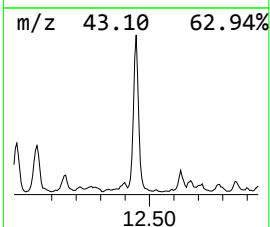
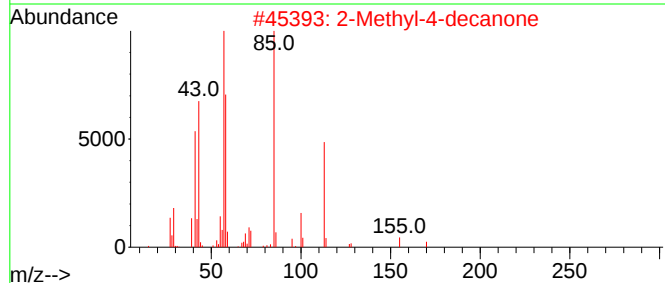
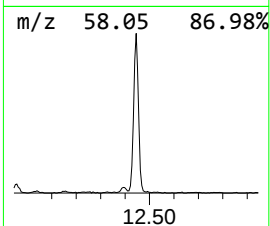
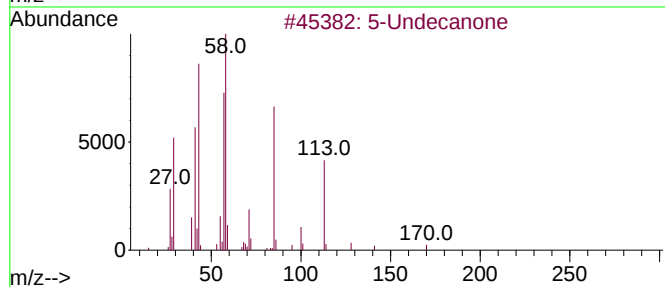
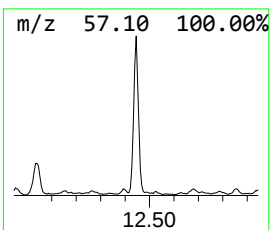
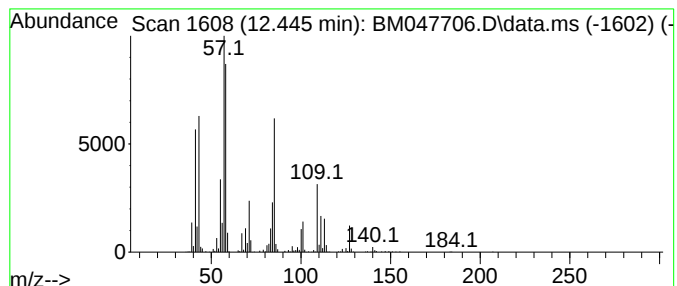
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 5-Undecanone Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.445 | 3.46 ng/ul | 862334 | Naphthalene-d8   | 10.610 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 5-Undecanone                        | 170 | C11H22O     | 033083-83-9 | 50   |
| 2    |    |   | 2-Methyl-4-decanone                 | 170 | C11H22O     | 006628-25-7 | 35   |
| 3    |    |   | N-[3-(Dimethylamino)propyl]-2-na... | 292 | C15H20N2O2S | 282720-12-1 | 35   |
| 4    |    |   | Hexane, 2,4-dimethyl-               | 114 | C8H18       | 000589-43-5 | 18   |
| 5    |    |   | Undecane, 4,4-dimethyl-             | 184 | C13H28      | 017312-68-4 | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

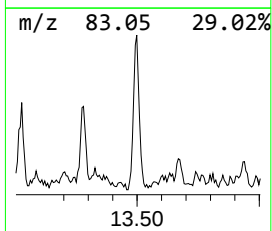
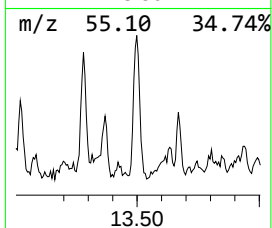
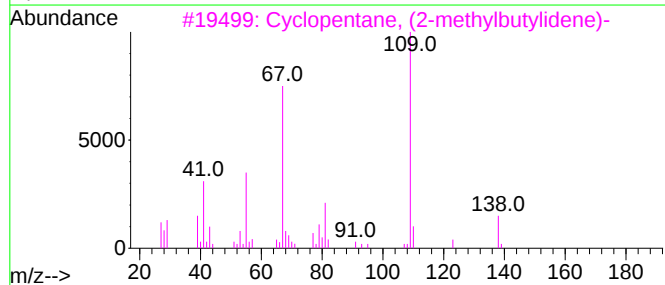
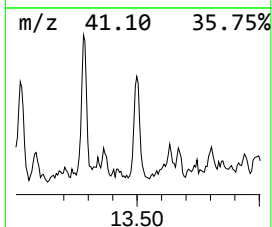
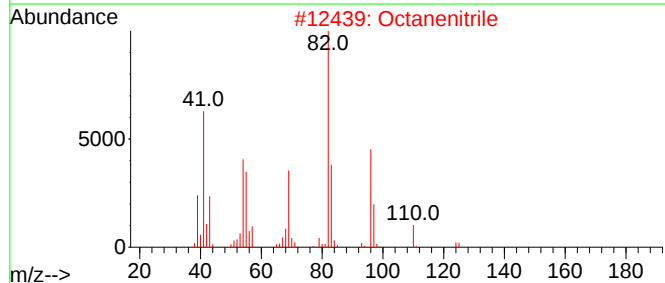
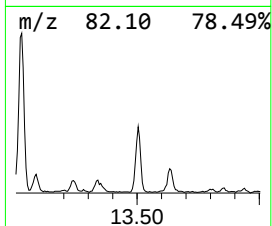
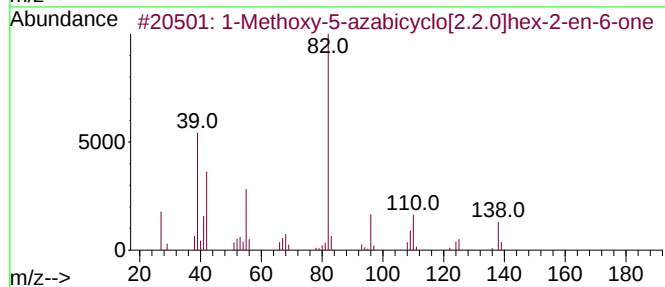
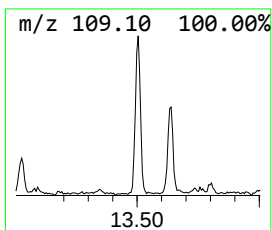
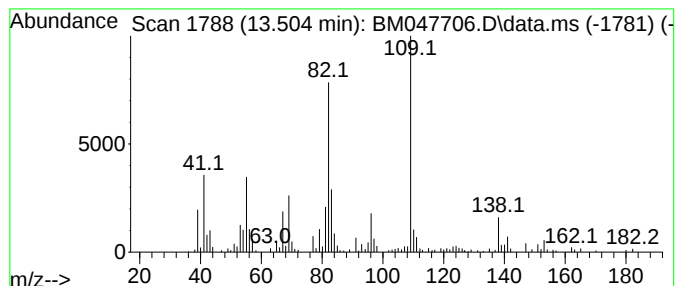
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 unknown-04 Concentration Rank 14

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.504 | 2.06 ng/ul | 260078 | Acenaphthene-d10 | 14.451 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1-Methoxy-5-azabicyclo[2.2.0]hex... | 139 | C7H9NO2  | 037657-11-7 | 43   |
| 2    |    |   | Octanenitrile                       | 125 | C8H15N   | 000124-12-9 | 38   |
| 3    |    |   | Cyclopentane, (2-methylbutylidene)- | 138 | C10H18   | 053366-54-4 | 38   |
| 4    |    |   | 5-Hydroxyadamantan-2-one, methyl... | 180 | C11H16O2 | 115009-22-8 | 38   |
| 5    |    |   | 2,3-Pyridinediamine                 | 109 | C5H7N3   | 000452-58-4 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

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Quant Title : SVOA CALIBRATION

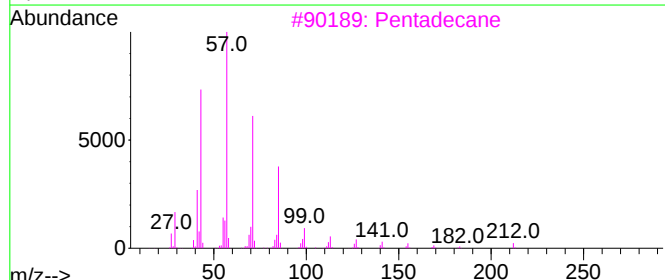
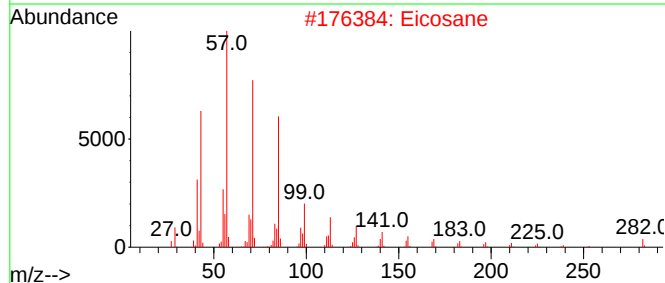
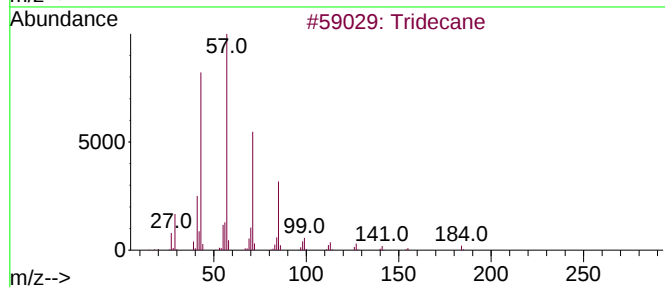
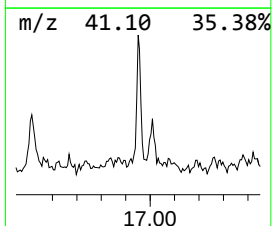
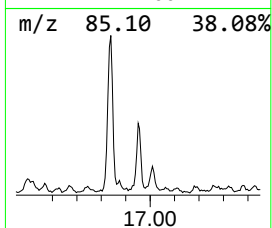
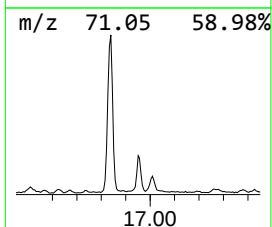
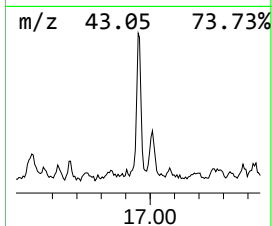
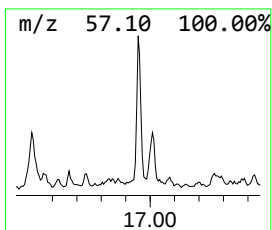
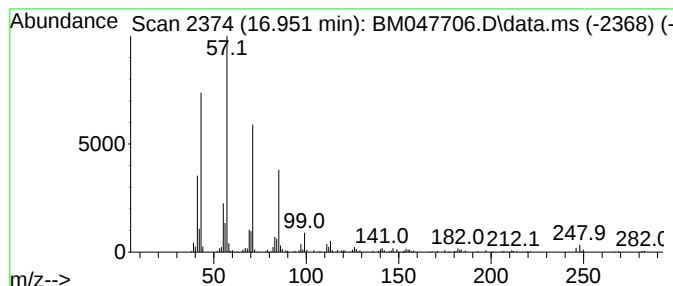
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.951 | 2.37 ng/ul | 341114 | Phenanthrene-d10 | 17.186 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------|-----|---------|-------------|------|
| 1    |      | Tridecane           | 184 | C13H28  | 000629-50-5 | 87   |
| 2    |      | Eicosane            | 282 | C20H42  | 000112-95-8 | 87   |
| 3    |      | Pentadecane         | 212 | C15H32  | 000629-62-9 | 74   |
| 4    |      | Heptacosane         | 380 | C27H56  | 000593-49-7 | 72   |
| 5    |      | Dodecane, 2-methyl- | 184 | C13H28  | 001560-97-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
Data File : BM047706.D  
Acq On : 29 Sep 2024 00:36  
Operator : RC/JU  
Sample : P3927-03DL 10X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DDC81DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.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 |
| Benzene, propyl-   | 6.804  | 2.8     | ng/ul | 206011   | 1                     | 7.816  | 1461120 | 20.0 |
| Benzene, 1-ethy... | 6.910  | 4.3     | ng/ul | 312372   | 1                     | 7.816  | 1461120 | 20.0 |
| Benzene, 1,2,3-... | 7.046  | 2.5     | ng/ul | 179992   | 1                     | 7.816  | 1461120 | 20.0 |
| Benzene, 1-ethy... | 7.210  | 2.5     | ng/ul | 185881   | 1                     | 7.816  | 1461120 | 20.0 |
| Mesitylene         | 7.463  | 9.0     | ng/ul | 655259   | 1                     | 7.816  | 1461120 | 20.0 |
| Benzene, 1,2,4-... | 7.934  | 2.5     | ng/ul | 179108   | 1                     | 7.816  | 1461120 | 20.0 |
| unknown-01         | 8.293  | 2.4     | ng/ul | 174210   | 1                     | 7.816  | 1461120 | 20.0 |
| (DEL) Alkane: S... | 8.357  | 2.1     | ng/ul | 157419   | 1                     | 7.816  | 1461120 | 20.0 |
| unknown-02         | 8.816  | 3.1     | ng/ul | 230486   | 1                     | 7.816  | 1461120 | 20.0 |
| (DEL) Alkane: S... | 9.051  | 4.4     | ng/ul | 320117   | 1                     | 7.816  | 1461120 | 20.0 |
| unknown-03         | 11.122 | 2.7     | ng/ul | 668835   | 2                     | 10.610 | 4988270 | 20.0 |
| 5-Undecanone       | 12.445 | 3.5     | ng/ul | 862334   | 2                     | 10.610 | 4988270 | 20.0 |
| unknown-04         | 13.504 | 2.1     | ng/ul | 260078   | 3                     | 14.451 | 2522260 | 20.0 |
| (DEL) Alkane: S... | 16.951 | 2.4     | ng/ul | 341114   | 4                     | 17.186 | 2880450 | 20.0 |