

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
 Data File : BN009889.D  
 Acq On : 25 Feb 2020 07:52  
 Operator : CG/JU  
 Sample : L1418-06DL 30X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C5AT7DL

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.934    | 157        | 161      | 164       | rVB4  | 7851        | 11661      | 0.26%        | 0.032%     |
| 2      | 6.087    | 523        | 527      | 531       | rBV5  | 10303       | 15949      | 0.36%        | 0.044%     |
| 3      | 6.534    | 598        | 603      | 610       | rVB2  | 37793       | 59813      | 1.34%        | 0.167%     |
| 4      | 6.781    | 641        | 645      | 648       | rVB5  | 8436        | 11031      | 0.25%        | 0.031%     |
| 5      | 6.816    | 648        | 651      | 656       | rBV4  | 7095        | 12442      | 0.28%        | 0.035%     |
| 6      | 6.899    | 661        | 665      | 669       | rVB3  | 20763       | 29890      | 0.67%        | 0.083%     |
| 7      | 6.969    | 669        | 677      | 686       | rVB8  | 21849       | 57875      | 1.29%        | 0.161%     |
| 8      | 7.111    | 697        | 701      | 707       | rBV4  | 9327        | 15308      | 0.34%        | 0.043%     |
| 9      | 7.205    | 707        | 717      | 723       | rBV5  | 22459       | 55031      | 1.23%        | 0.153%     |
| 10     | 7.311    | 723        | 735      | 739       | rBV7  | 31757       | 74779      | 1.67%        | 0.208%     |
| 11     | 7.387    | 739        | 748      | 756       | rVV   | 385480      | 653308     | 14.60%       | 1.820%     |
| 12     | 7.452    | 756        | 759      | 764       | rVB6  | 11167       | 19950      | 0.45%        | 0.056%     |
| 13     | 7.575    | 771        | 780      | 784       | rVV7  | 16728       | 45130      | 1.01%        | 0.126%     |
| 14     | 7.652    | 789        | 793      | 798       | rVV5  | 24737       | 43621      | 0.97%        | 0.121%     |
| 15     | 7.740    | 804        | 808      | 811       | rVV5  | 11892       | 18776      | 0.42%        | 0.052%     |
| 16     | 7.781    | 811        | 815      | 818       | rVB5  | 12138       | 17597      | 0.39%        | 0.049%     |
| 17     | 7.828    | 818        | 823      | 828       | rBV6  | 17375       | 29519      | 0.66%        | 0.082%     |
| 18     | 7.928    | 828        | 840      | 850       | rVB2  | 67078       | 124488     | 2.78%        | 0.347%     |
| 19     | 8.128    | 869        | 874      | 877       | rBV5  | 16682       | 30552      | 0.68%        | 0.085%     |
| 20     | 8.187    | 882        | 884      | 888       | rVV5  | 16835       | 24574      | 0.55%        | 0.068%     |
| 21     | 8.246    | 888        | 894      | 898       | rVV4  | 47160       | 93611      | 2.09%        | 0.261%     |
| 22     | 8.281    | 898        | 900      | 903       | rVV4  | 9882        | 12603      | 0.28%        | 0.035%     |
| 23     | 8.340    | 907        | 910      | 918       | rVB7  | 23060       | 51491      | 1.15%        | 0.143%     |
| 24     | 8.458    | 918        | 930      | 941       | rBV6  | 65115       | 235109     | 5.25%        | 0.655%     |
| 25     | 8.710    | 964        | 973      | 980       | rVB9  | 44038       | 117619     | 2.63%        | 0.328%     |
| 26     | 8.769    | 980        | 983      | 986       | rBV4  | 13805       | 22488      | 0.50%        | 0.063%     |
| 27     | 8.822    | 988        | 992      | 997       | rVB8  | 19692       | 37356      | 0.83%        | 0.104%     |
| 28     | 8.887    | 997        | 1003     | 1008      | rBV9  | 16199       | 35752      | 0.80%        | 0.100%     |
| 29     | 9.005    | 1019       | 1023     | 1029      | rVB3  | 28416       | 43273      | 0.97%        | 0.121%     |
| 30     | 9.063    | 1029       | 1033     | 1041      | rBV3  | 56348       | 92323      | 2.06%        | 0.257%     |
| 31     | 9.216    | 1051       | 1059     | 1063      | rBV3  | 40239       | 77608      | 1.73%        | 0.216%     |
| 32     | 9.322    | 1071       | 1077     | 1085      | rVB3  | 110245      | 223168     | 4.99%        | 0.622%     |
| 33     | 9.387    | 1085       | 1088     | 1091      | rBV5  | 9334        | 12527      | 0.28%        | 0.035%     |
| 34     | 9.593    | 1116       | 1123     | 1129      | rBV5  | 27925       | 56251      | 1.26%        | 0.157%     |

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 Max Peaks: 100  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.646  | 1129 | 1132 | 1137 | rVB6 | 14232   | 20906   | 0.47%  | 0.058% |
| 36 | 9.734  | 1144 | 1147 | 1148 | rBV3 | 16469   | 14639   | 0.33%  | 0.041% |
| 37 | 9.840  | 1160 | 1165 | 1169 | rBV7 | 21869   | 46815   | 1.05%  | 0.130% |
| 38 | 9.887  | 1170 | 1173 | 1177 | rVV4 | 19362   | 26761   | 0.60%  | 0.075% |
| 39 | 9.999  | 1189 | 1192 | 1195 | rBV4 | 20819   | 26618   | 0.59%  | 0.074% |
| 40 | 10.134 | 1204 | 1215 | 1223 | rBV  | 545957  | 1024337 | 22.89% | 2.853% |
| 41 | 10.246 | 1232 | 1234 | 1241 | rVB6 | 30181   | 47151   | 1.05%  | 0.131% |
| 42 | 10.316 | 1241 | 1246 | 1252 | rBV5 | 55805   | 108400  | 2.42%  | 0.302% |
| 43 | 10.416 | 1261 | 1263 | 1266 | rBV4 | 12130   | 14721   | 0.33%  | 0.041% |
| 44 | 10.534 | 1279 | 1283 | 1289 | rBV6 | 34719   | 53649   | 1.20%  | 0.149% |
| 45 | 10.622 | 1294 | 1298 | 1302 | rVV3 | 41195   | 65539   | 1.46%  | 0.183% |
| 46 | 10.663 | 1302 | 1305 | 1309 | rVB3 | 28239   | 36852   | 0.82%  | 0.103% |
| 47 | 10.734 | 1310 | 1317 | 1321 | rBV7 | 37538   | 77085   | 1.72%  | 0.215% |
| 48 | 10.769 | 1321 | 1323 | 1326 | rVV4 | 16762   | 23071   | 0.52%  | 0.064% |
| 49 | 10.810 | 1326 | 1330 | 1337 | rVB2 | 99643   | 166681  | 3.72%  | 0.464% |
| 50 | 10.887 | 1339 | 1343 | 1346 | rBV5 | 25894   | 45855   | 1.02%  | 0.128% |
| 51 | 10.916 | 1346 | 1348 | 1351 | rBV4 | 16638   | 21965   | 0.49%  | 0.061% |
| 52 | 11.175 | 1386 | 1392 | 1396 | rBV  | 202734  | 360962  | 8.07%  | 1.005% |
| 53 | 11.316 | 1412 | 1416 | 1420 | rVB5 | 46064   | 73102   | 1.63%  | 0.204% |
| 54 | 11.416 | 1429 | 1433 | 1442 | rVB5 | 59804   | 124559  | 2.78%  | 0.347% |
| 55 | 11.557 | 1454 | 1457 | 1459 | rBV4 | 28805   | 42334   | 0.95%  | 0.118% |
| 56 | 11.593 | 1459 | 1463 | 1470 | rVV7 | 50081   | 130242  | 2.91%  | 0.363% |
| 57 | 11.875 | 1507 | 1511 | 1515 | rBV3 | 120156  | 206021  | 4.60%  | 0.574% |
| 58 | 12.357 | 1589 | 1593 | 1597 | rBV4 | 63270   | 99879   | 2.23%  | 0.278% |
| 59 | 12.434 | 1599 | 1606 | 1612 | rBV4 | 256720  | 543469  | 12.14% | 1.514% |
| 60 | 12.569 | 1624 | 1629 | 1632 | rBV  | 464392  | 642228  | 14.35% | 1.789% |
| 61 | 12.599 | 1632 | 1634 | 1640 | rVB3 | 190053  | 271311  | 6.06%  | 0.756% |
| 62 | 12.787 | 1662 | 1666 | 1670 | rBV  | 312760  | 427794  | 9.56%  | 1.191% |
| 63 | 12.863 | 1677 | 1679 | 1687 | rVB4 | 173239  | 355795  | 7.95%  | 0.991% |
| 64 | 13.340 | 1757 | 1760 | 1764 | rBV2 | 156405  | 244348  | 5.46%  | 0.681% |
| 65 | 13.440 | 1771 | 1777 | 1784 | rBV2 | 1465629 | 2081312 | 46.51% | 5.797% |
| 66 | 13.540 | 1789 | 1794 | 1799 | rVV  | 856299  | 1324141 | 29.59% | 3.688% |
| 67 | 13.751 | 1826 | 1830 | 1835 | rBV3 | 321323  | 568738  | 12.71% | 1.584% |
| 68 | 13.851 | 1843 | 1847 | 1852 | rVB2 | 976243  | 1344140 | 30.03% | 3.744% |
| 69 | 13.957 | 1862 | 1865 | 1867 | rBV2 | 265155  | 306940  | 6.86%  | 0.855% |
| 70 | 13.987 | 1867 | 1870 | 1873 | rVV  | 389089  | 544812  | 12.17% | 1.517% |
| 71 | 14.028 | 1873 | 1877 | 1887 | rVB  | 867291  | 1373224 | 30.68% | 3.825% |

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 Stop Thrs : 0

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 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 14.110 | 1888 | 1891 | 1895 | rVB5 | 165276  | 219765  | 4.91%   | 0.612%  |
| 73  | 14.369 | 1931 | 1935 | 1937 | rBV3 | 129891  | 185145  | 4.14%   | 0.516%  |
| 74  | 14.581 | 1968 | 1971 | 1977 | rVB  | 404636  | 586949  | 13.12%  | 1.635%  |
| 75  | 14.657 | 1981 | 1984 | 1986 | rBV3 | 139688  | 167665  | 3.75%   | 0.467%  |
| 76  | 14.757 | 1997 | 2001 | 2002 | rBV  | 173319  | 226183  | 5.05%   | 0.630%  |
| 77  | 14.822 | 2008 | 2012 | 2017 | rVB2 | 777122  | 1028966 | 22.99%  | 2.866%  |
| 78  | 14.922 | 2025 | 2029 | 2033 | rBV  | 487506  | 572990  | 12.80%  | 1.596%  |
| 79  | 14.987 | 2038 | 2040 | 2044 | rBV2 | 112915  | 155368  | 3.47%   | 0.433%  |
| 80  | 15.045 | 2047 | 2050 | 2055 | rVB5 | 258282  | 328017  | 7.33%   | 0.914%  |
| 81  | 15.328 | 2094 | 2098 | 2105 | rVB  | 866641  | 1336505 | 29.86%  | 3.722%  |
| 82  | 15.534 | 2129 | 2133 | 2135 | rBV3 | 151111  | 265457  | 5.93%   | 0.739%  |
| 83  | 15.657 | 2150 | 2154 | 2157 | rBV2 | 297039  | 436387  | 9.75%   | 1.215%  |
| 84  | 15.816 | 2172 | 2181 | 2193 | rVB  | 2443577 | 4475278 | 100.00% | 12.464% |
| 85  | 15.904 | 2194 | 2196 | 2200 | rBV3 | 119981  | 168508  | 3.77%   | 0.469%  |
| 86  | 16.445 | 2284 | 2288 | 2295 | rBV2 | 1132794 | 1669565 | 37.31%  | 4.650%  |
| 87  | 16.510 | 2296 | 2299 | 2306 | rVB3 | 293148  | 517921  | 11.57%  | 1.442%  |
| 88  | 16.581 | 2307 | 2311 | 2315 | rVV  | 453126  | 634451  | 14.18%  | 1.767%  |
| 89  | 16.634 | 2316 | 2320 | 2327 | rVB  | 966143  | 1500507 | 33.53%  | 4.179%  |
| 90  | 16.787 | 2341 | 2346 | 2350 | rBV  | 909373  | 1187742 | 26.54%  | 3.308%  |
| 91  | 17.234 | 2420 | 2422 | 2428 | rVB3 | 241674  | 320410  | 7.16%   | 0.892%  |
| 92  | 17.316 | 2434 | 2436 | 2440 | rVB  | 314099  | 328548  | 7.34%   | 0.915%  |
| 93  | 18.010 | 2551 | 2554 | 2560 | rVB  | 249332  | 333784  | 7.46%   | 0.930%  |
| 94  | 18.592 | 2650 | 2653 | 2658 | rVB2 | 144087  | 206961  | 4.62%   | 0.576%  |
| 95  | 18.651 | 2661 | 2663 | 2667 | rVB  | 234208  | 269165  | 6.01%   | 0.750%  |
| 96  | 19.222 | 2758 | 2760 | 2761 | rBV  | 100145  | 86500   | 1.93%   | 0.241%  |
| 97  | 19.892 | 2870 | 2874 | 2880 | rVB2 | 126907  | 196577  | 4.39%   | 0.547%  |
| 98  | 20.028 | 2894 | 2897 | 2901 | rVB  | 179205  | 206543  | 4.62%   | 0.575%  |
| 99  | 21.004 | 3058 | 3063 | 3069 | rVB  | 1197106 | 1467568 | 32.79%  | 4.087%  |
| 100 | 23.098 | 3414 | 3419 | 3426 | rVB  | 850856  | 1476653 | 33.00%  | 4.113%  |

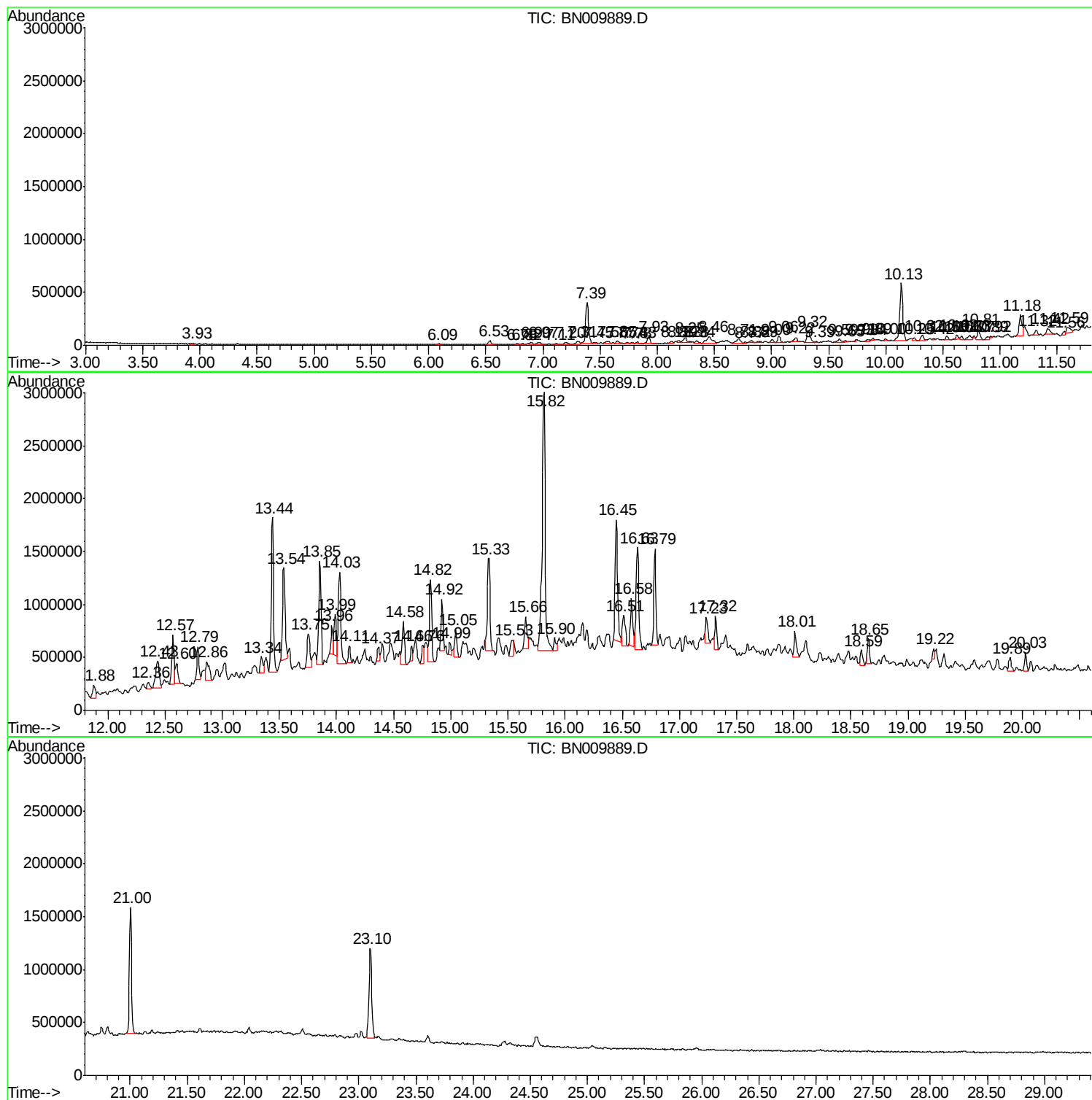
Sum of corrected areas: 35904947

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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

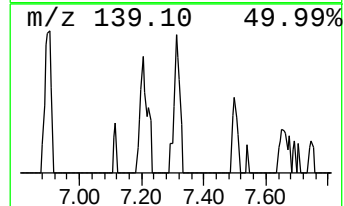
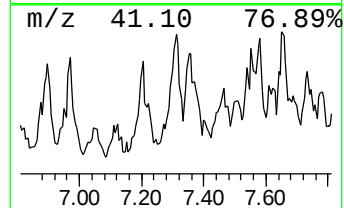
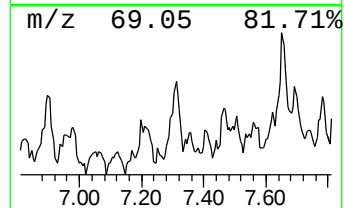
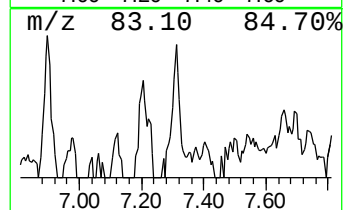
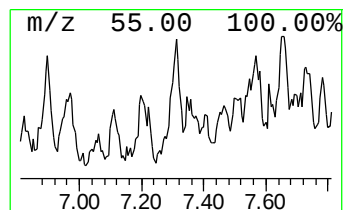
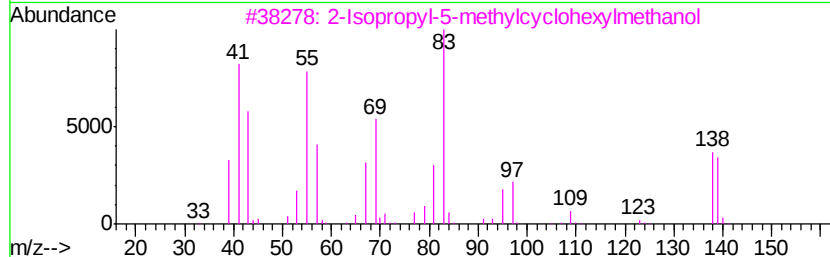
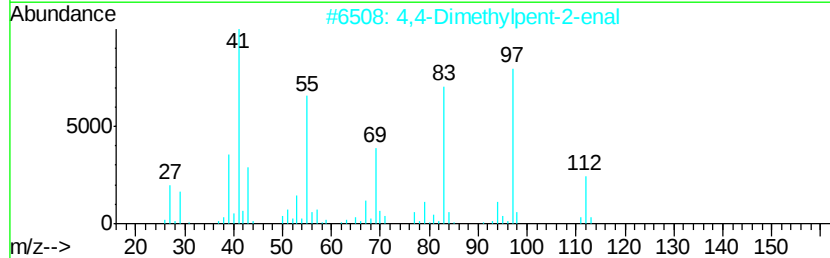
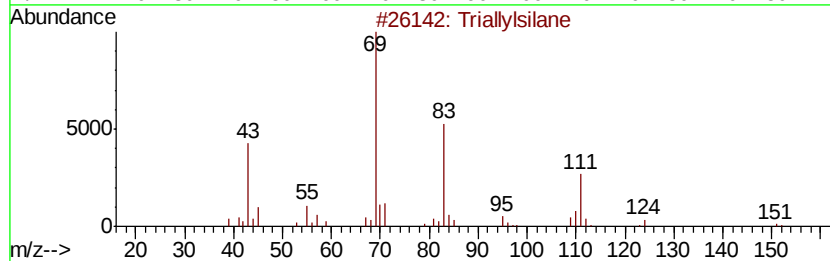
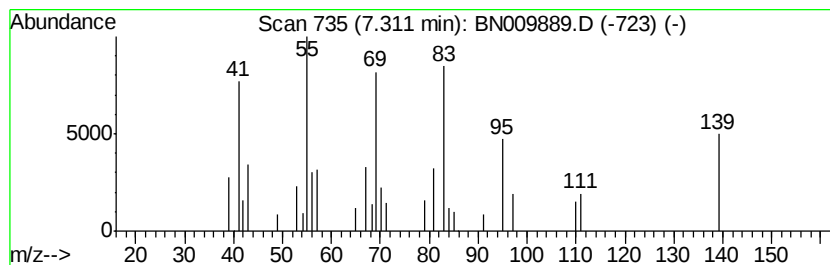
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 45

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 7.31 | 2.29 ng/ul | 74779 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of | Tentative ID                           | MW  | MolForm | CAS#         | Qual |
|------|----|----------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Triallylsilane                         | 152 | C9H16Si | 001116-62-7  | 40   |
| 2    |    | 4,4-Dimethylpent-2-enal                | 112 | C7H12O  | 1000195-01-6 | 38   |
| 3    |    | 2-Isopropyl-5-methylcyclohexylmethanol | 170 | C11H22O | 1000223-18-0 | 27   |
| 4    |    | Cyclohexane, 1,1,2-trimethyl-          | 126 | C9H18   | 007094-26-0  | 27   |
| 5    |    | Cyclopentane, (2-methylbutyl)-         | 140 | C10H20  | 053366-38-4  | 25   |



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Quant Title : SVOA CALIBRATION

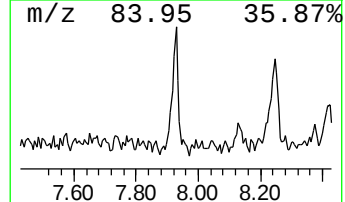
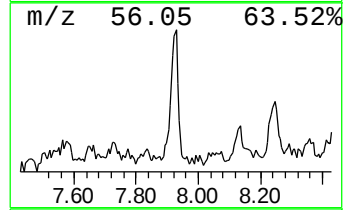
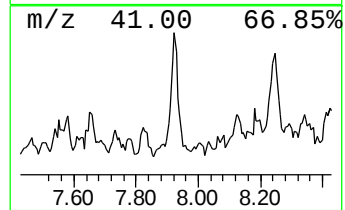
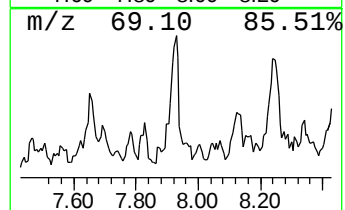
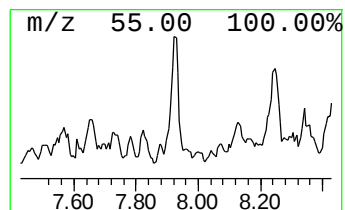
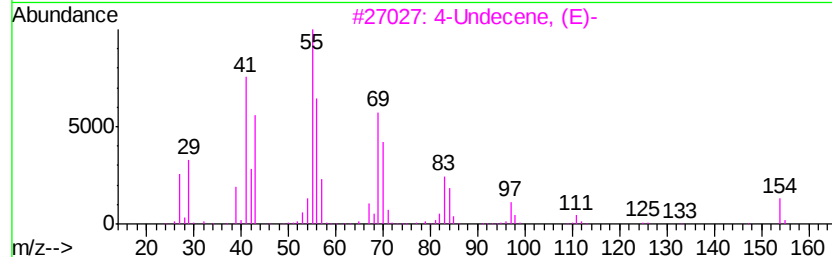
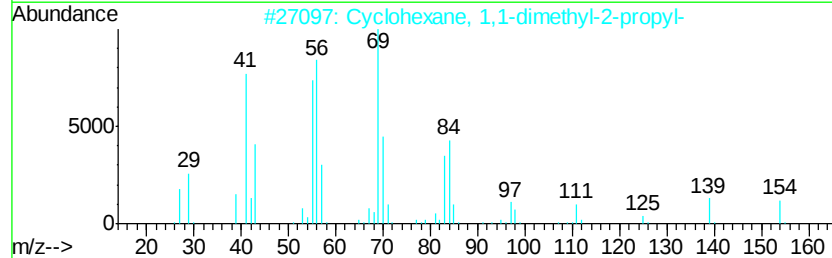
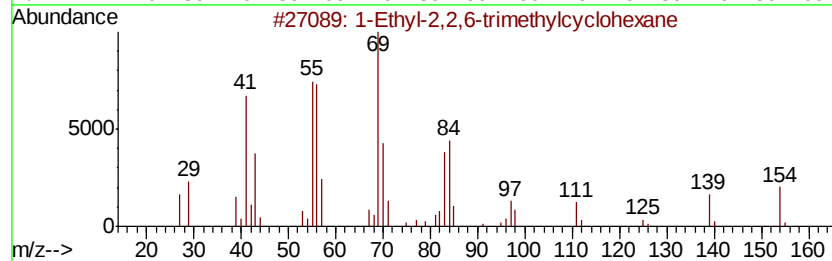
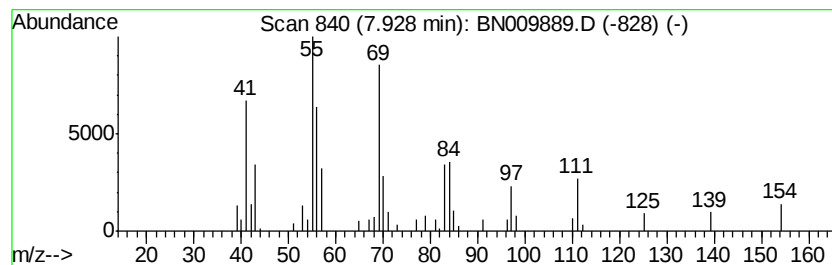
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.93 | 3.81 ng/ul | 124488 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Ethyl-2,2,6-trimethylcyclohexane  | 154 | C11H22  | 071186-27-1 | 93   |
| 2    |    |   | Cyclohexane, 1,1-dimethyl-2-propyl- | 154 | C11H22  | 081983-71-3 | 87   |
| 3    |    |   | 4-Undecene, (E)-                    | 154 | C11H22  | 000693-62-9 | 74   |
| 4    |    |   | 3-Undecene, (Z)-                    | 154 | C11H22  | 000821-97-6 | 74   |
| 5    |    |   | 1-Decene, 5-methyl-                 | 154 | C11H22  | 054244-79-0 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

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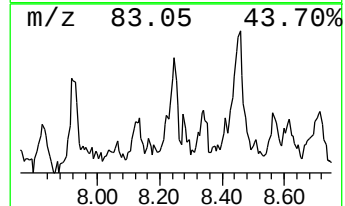
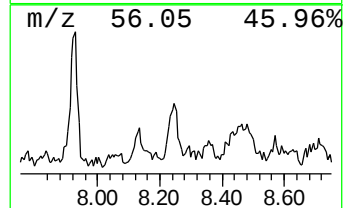
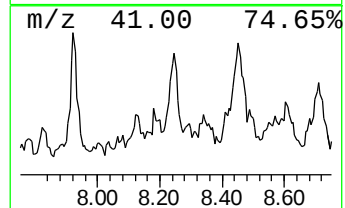
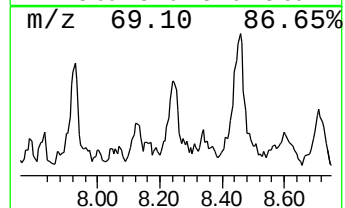
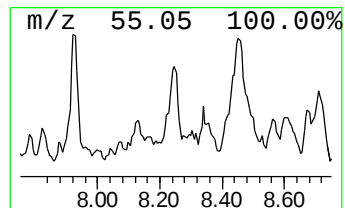
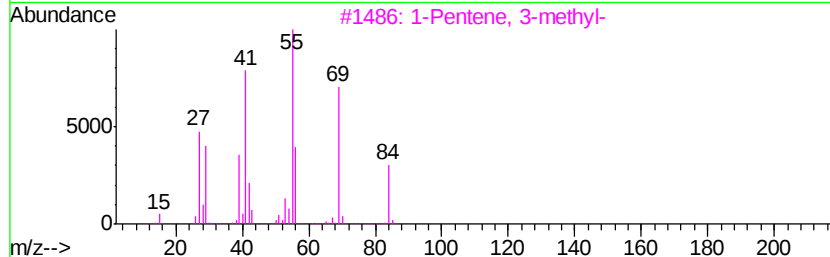
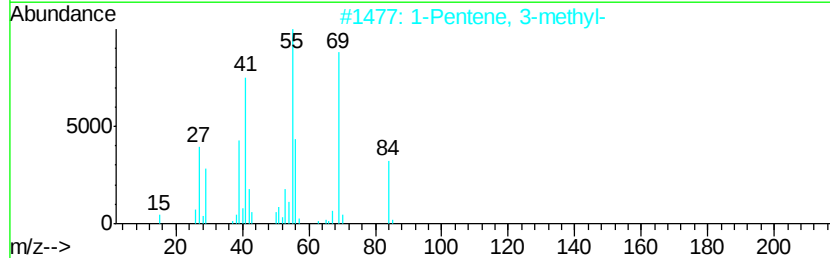
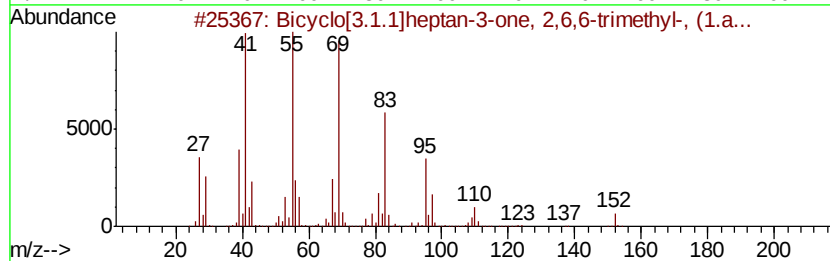
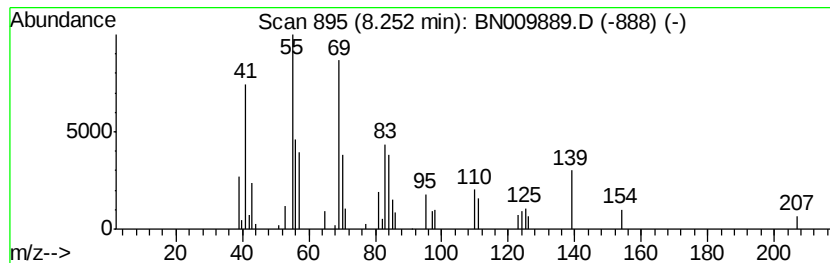
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Bicyclo[3.1.1]heptan-3-one, ... Concentration Rank 37

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 8.25 | 2.87 ng/ul | 93611 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 015358-88-0 | 53   |
| 2    |    | 1-Pentene, 3-methyl-                | 84  | C6H12   | 000760-20-3 | 46   |
| 3    |    | 1-Pentene, 3-methyl-                | 84  | C6H12   | 000760-20-3 | 46   |
| 4    |    | Pentane, 3-methylene-               | 84  | C6H12   | 000760-21-4 | 46   |
| 5    |    | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 015358-88-0 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

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Quant Title : SVOA CALIBRATION

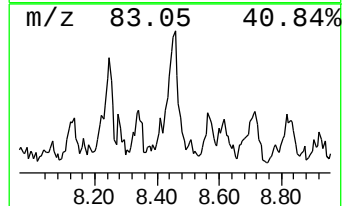
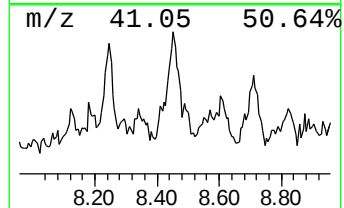
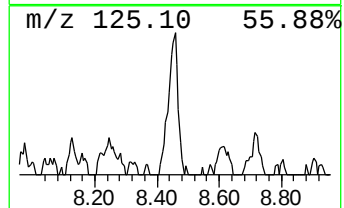
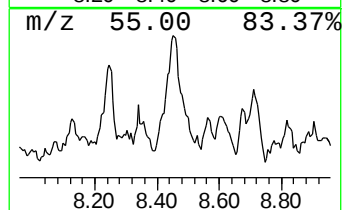
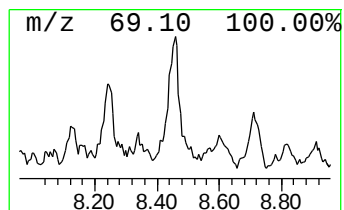
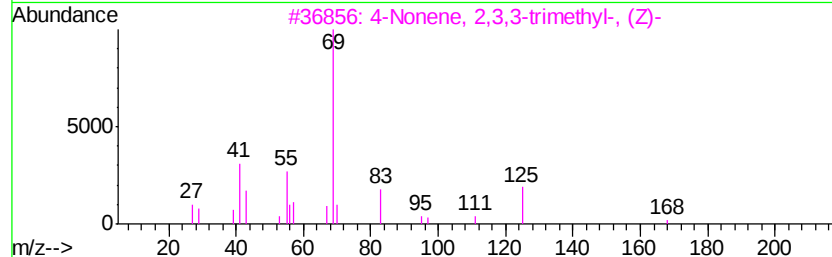
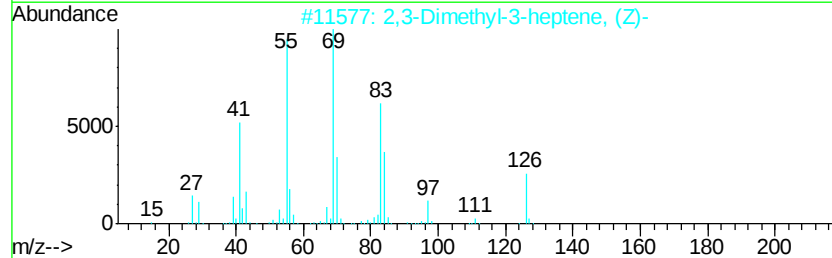
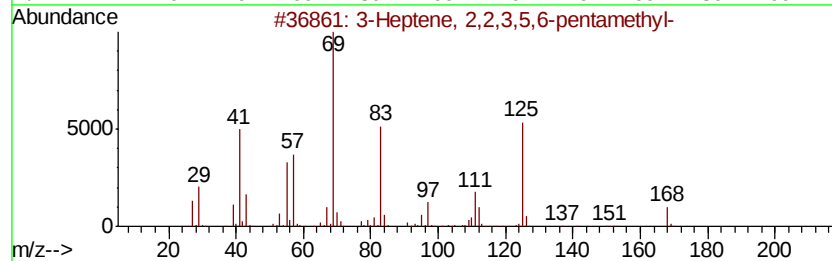
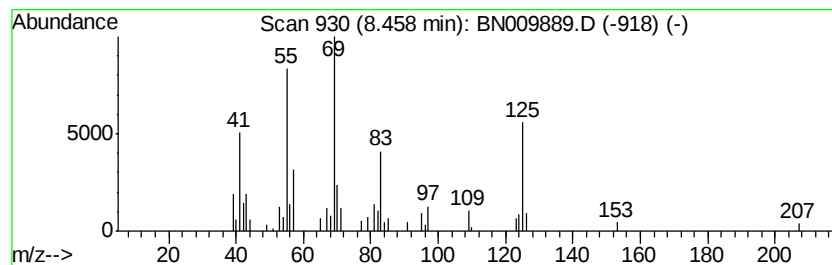
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.46 | 7.20 ng/ul | 235109 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of                                  | Tentative ID                    | MW     | MolForm     | CAS#        | Qual |
|------|-------------------------------------|---------------------------------|--------|-------------|-------------|------|
| 1    | 3                                   | Heptene, 2,2,3,5,6-pentamethyl- | 168    | C12H24      | 116164-06-8 | 59   |
| 2    | 2,3                                 | Dimethyl-3-heptene, (Z)-        | 126    | C9H18       | 059643-73-1 | 53   |
| 3    | 4                                   | Nonene, 2,3,3-trimethyl-, (Z)-  | 168    | C12H24      | 063830-68-2 | 50   |
| 4    | Cyclohexane, 1,3,5-trimethyl-2-o... | 378                             | C27H54 | 055282-34-3 | 50          |      |
| 5    | 2,2                                 | Dimethyl-3-heptene trans        | 126    | C9H18       | 019550-75-5 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleID :  
C5AT7DL

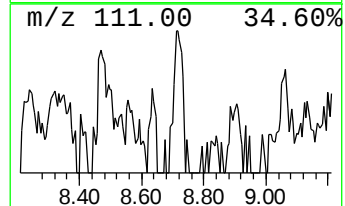
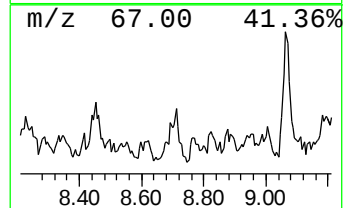
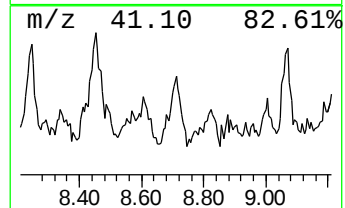
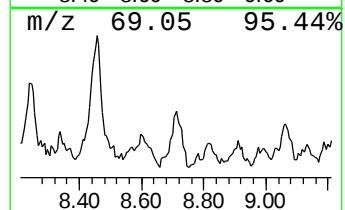
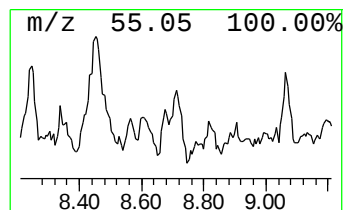
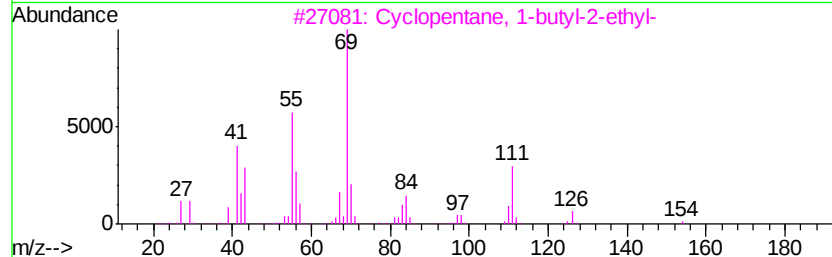
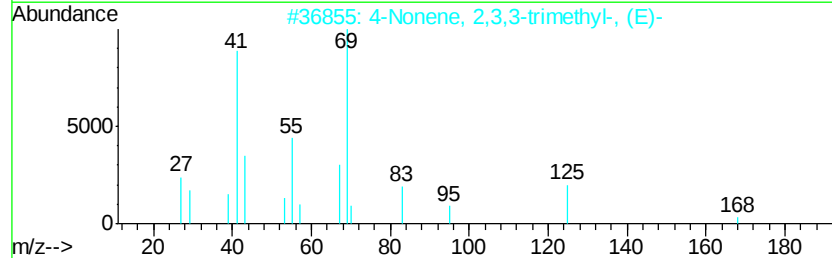
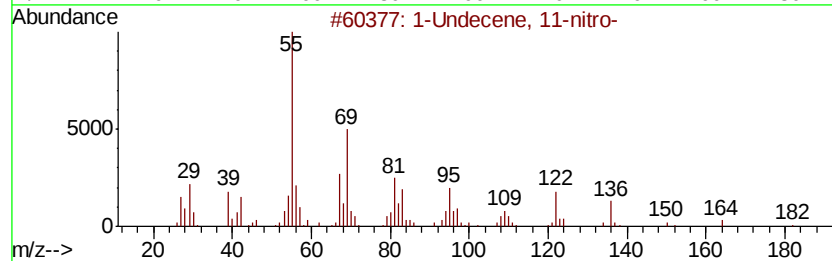
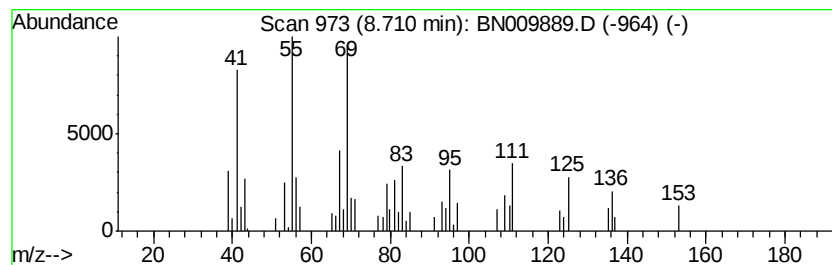
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 1-Undecene, 11-nitro- Concentration Rank 31

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.71 | 3.60 ng/ul | 117619 | 1,4-Dichlorobenzene-d4 | 7.39 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1-Undecene, 11-nitro-               | 199 | C11H21NO2 | 040244-98-2  | 64   |
| 2    |    | 4-Nonene, 2,3,3-trimethyl-, (E)-    | 168 | C12H24    | 063830-67-1  | 47   |
| 3    |    | Cyclopentane, 1-butyl-2-ethyl-      | 154 | C11H22    | 072993-32-9  | 38   |
| 4    |    | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O   | 066408-55-7  | 38   |
| 5    |    | (E)-3,7-Dimethylocta-2,6-dien-1-... | 240 | C14H24O3  | 1000372-80-1 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

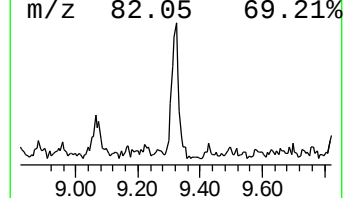
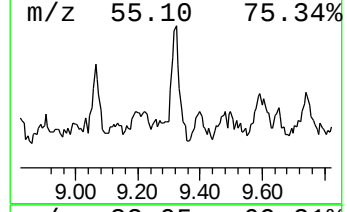
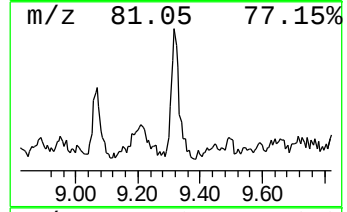
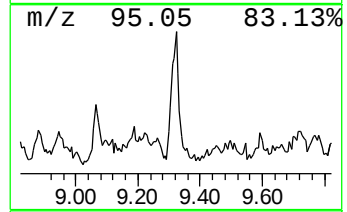
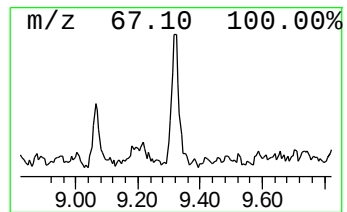
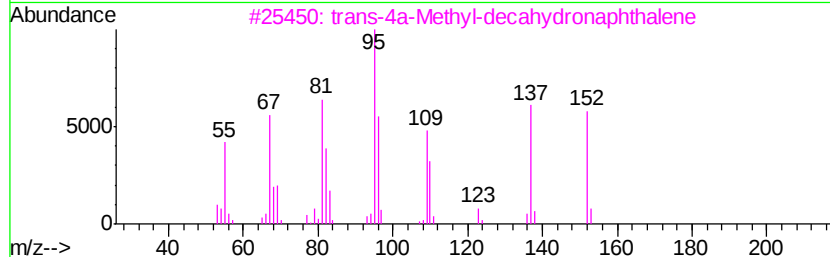
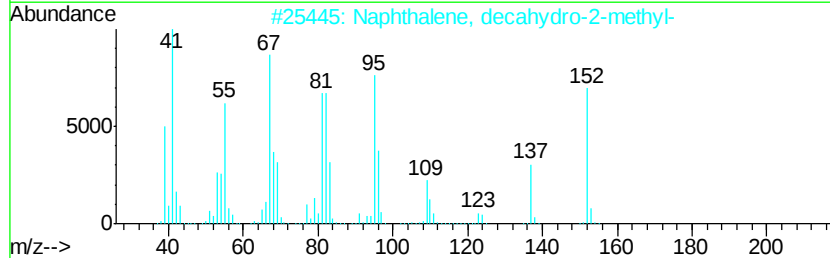
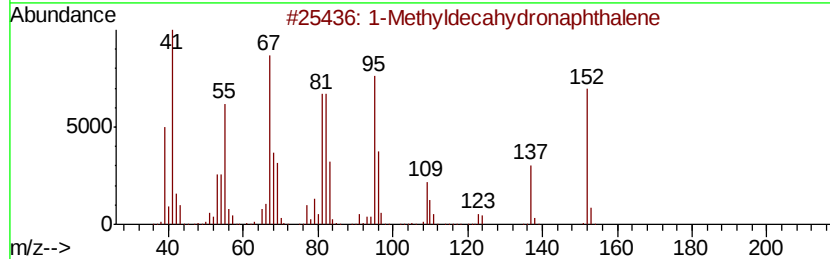
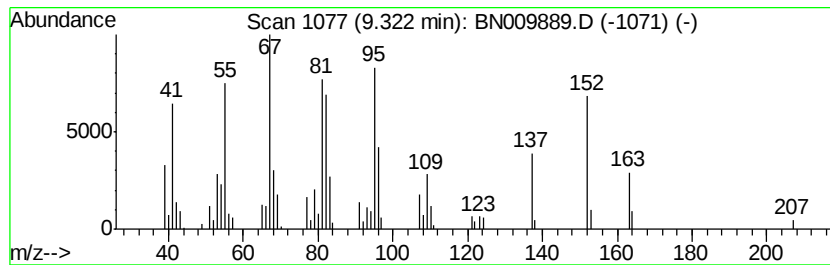
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 27

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.32 | 4.36 ng/ul | 223168 | Naphthalene-d8   | 10.13 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | 1-Methyldecahydronaphthalene        | 152 | C11H20  | 002958-75-0  | 91   |
| 2    |    | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 91   |
| 3    |    | trans-4a-Methyl-decahydronaphtha... | 152 | C11H20  | 002547-27-5  | 76   |
| 4    |    | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 70   |
| 5    |    | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

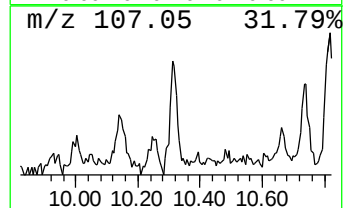
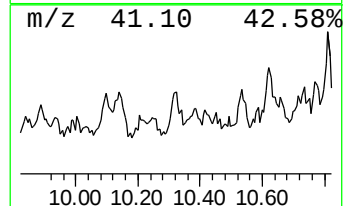
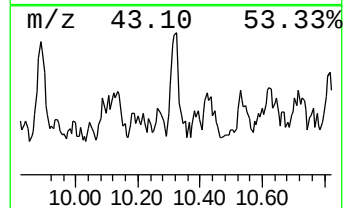
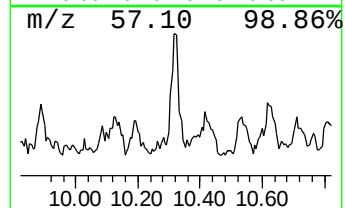
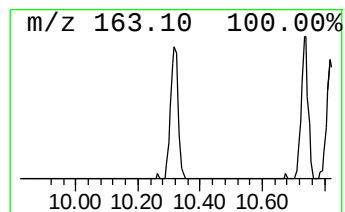
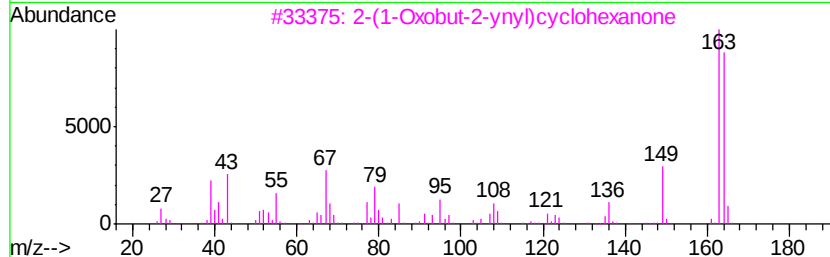
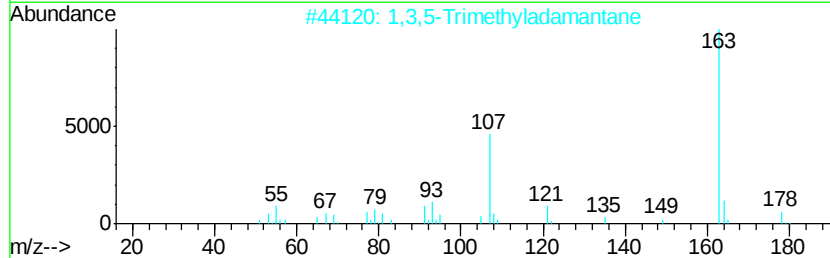
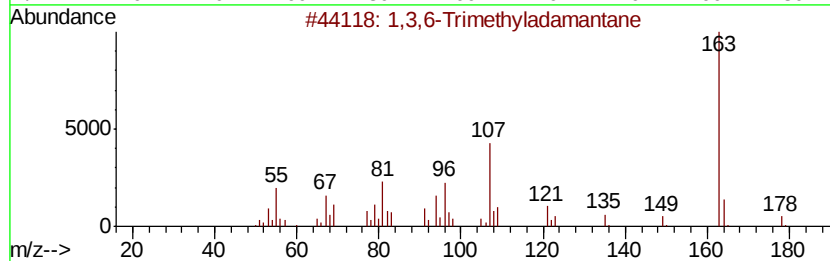
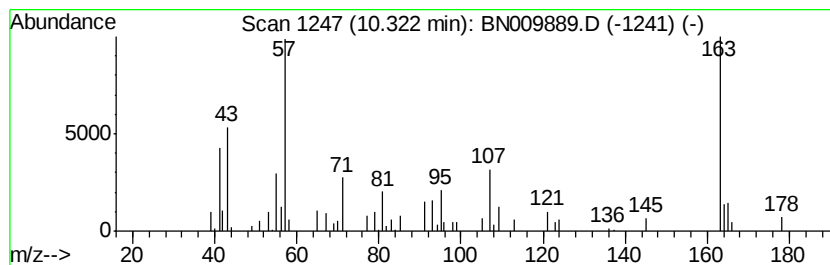
Instrument :  
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ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 1,3,6-Trimethyladamantane Concentration Rank 47

| R.T.    | EstConc                          | Area         | Relative to ISTD | R.T.      |
|---------|----------------------------------|--------------|------------------|-----------|
| 10.32   | 2.12 ng/ul                       | 108400       | Naphthalene-d8   | 10.13     |
| Hit# of | 5                                | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | 1,3,6-Trimethyladamantane        | 178 C13H22   | 024139-37-5      | 76        |
| 2       | 1,3,5-Trimethyladamantane        | 178 C13H22   | 000707-35-7      | 58        |
| 3       | 2-(1-Oxobut-2-ynyl)cyclohexanone | 164 C10H12O2 | 1000191-07-1     | 43        |
| 4       | 1,3-Dimethyl-5-ethyladamantane   | 192 C14H24   | 001687-35-0      | 42        |
| 5       | 1,3,4-Trimethyladamantane        | 178 C13H22   | 1000214-98-3     | 42        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

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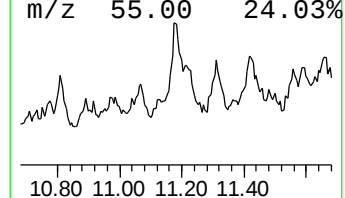
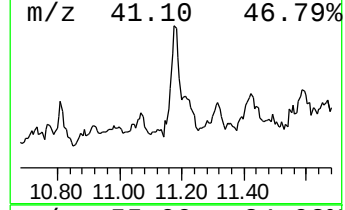
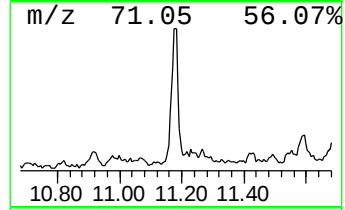
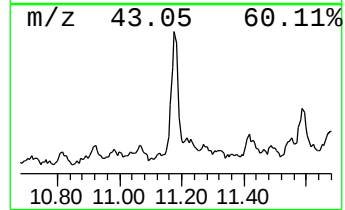
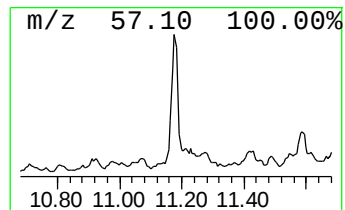
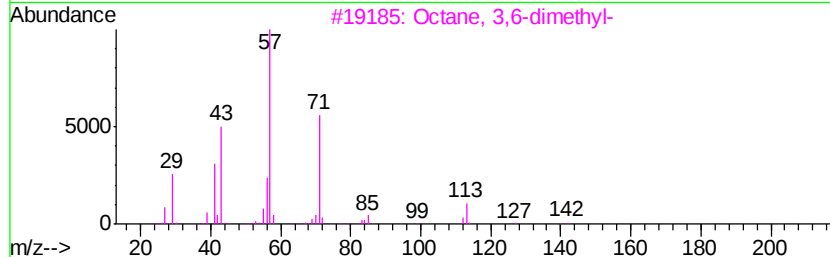
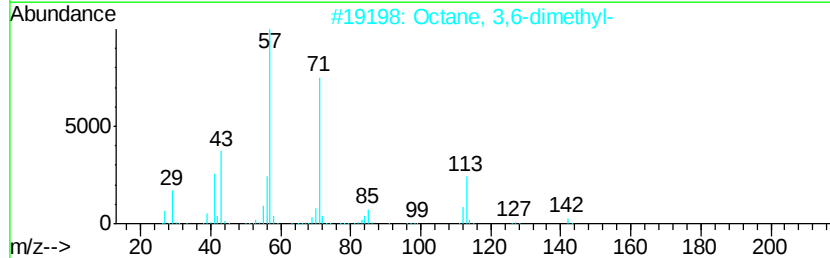
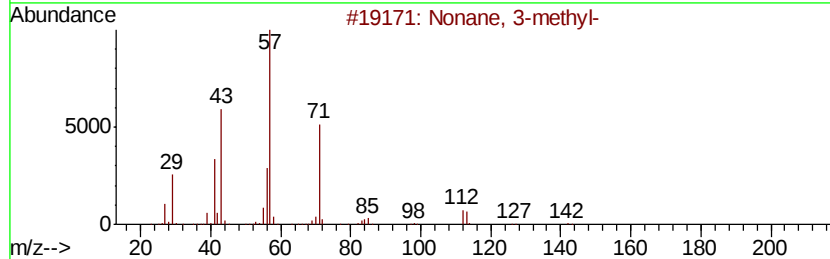
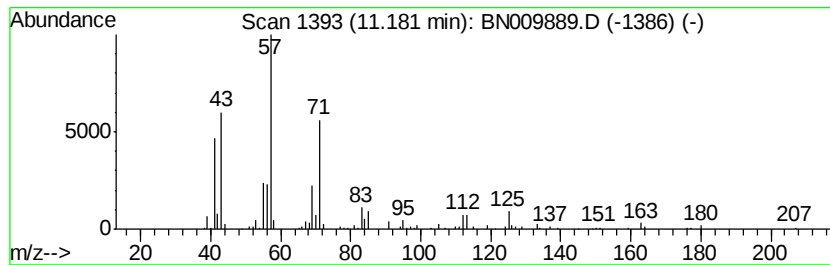
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.18 | 7.05 ng/ul | 360962 | Naphthalene-d8   | 10.13 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonane, 3-methyl-           | 142 | C10H22  | 005911-04-6 | 78   |
| 2    |    | Octane, 3,6-dimethyl-       | 142 | C10H22  | 015869-94-0 | 72   |
| 3    |    | Octane, 3,6-dimethyl-       | 142 | C10H22  | 015869-94-0 | 72   |
| 4    |    | Decane, 2,6,7-trimethyl-    | 184 | C13H28  | 062108-25-2 | 64   |
| 5    |    | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

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Quant Title : SVOA CALIBRATION

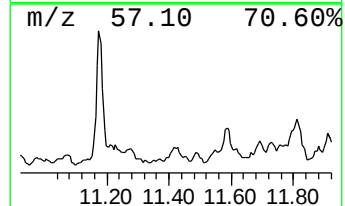
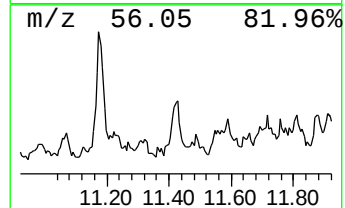
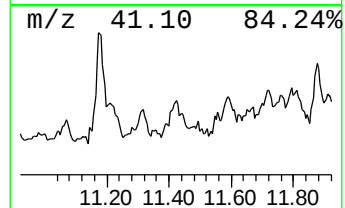
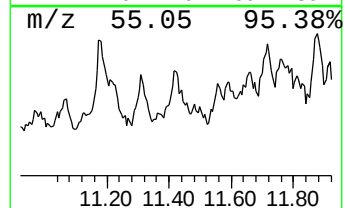
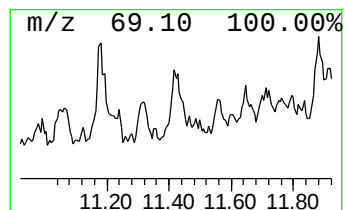
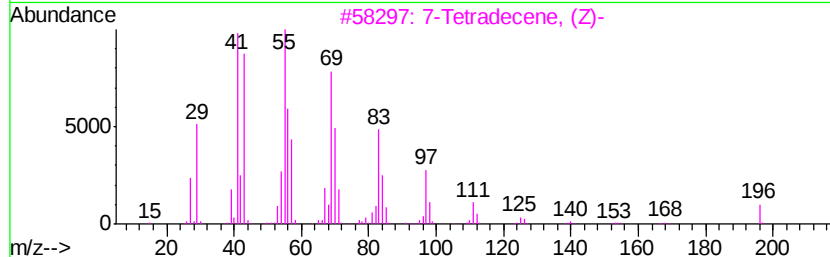
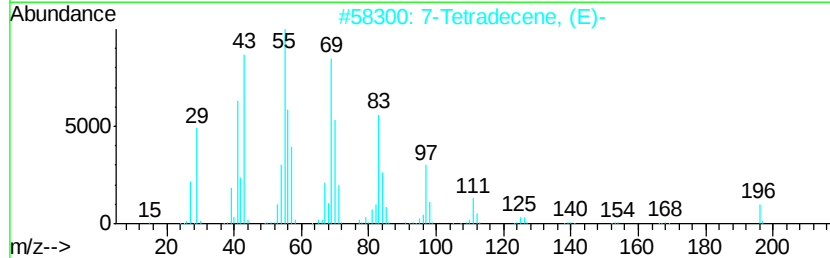
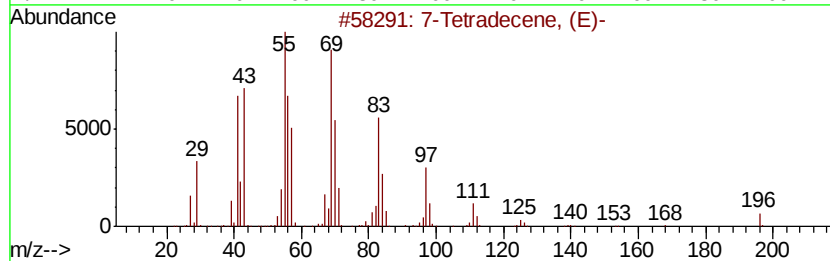
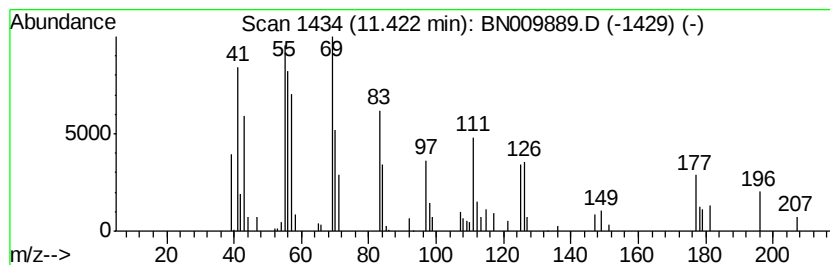
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.42 | 2.43 ng/ul | 124559 | Naphthalene-d8   | 10.13 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | 7-Tetradecene, (E)- | 196 | C14H28  | 041446-63-3 | 49   |
| 2    |    |   | 7-Tetradecene, (E)- | 196 | C14H28  | 041446-63-3 | 49   |
| 3    |    |   | 7-Tetradecene, (Z)- | 196 | C14H28  | 041446-60-0 | 46   |
| 4    |    |   | 7-Tetradecene, (Z)- | 196 | C14H28  | 041446-60-0 | 46   |
| 5    |    |   | 6-Tetradecene, (E)- | 196 | C14H28  | 041446-64-4 | 46   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

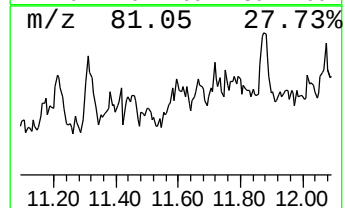
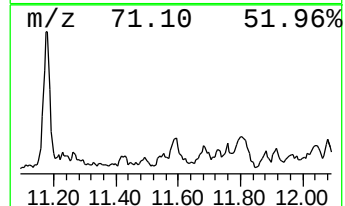
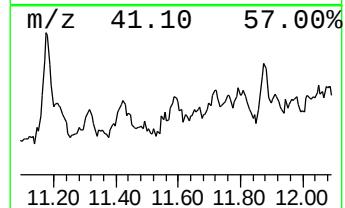
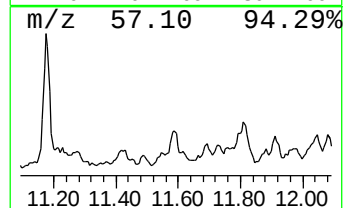
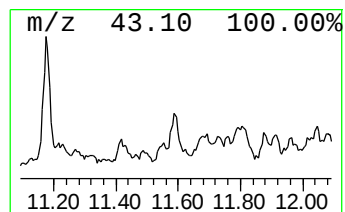
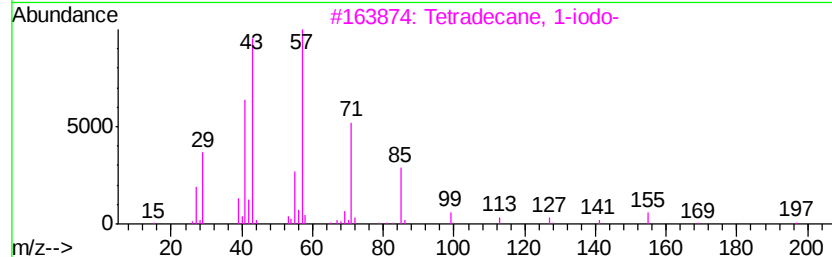
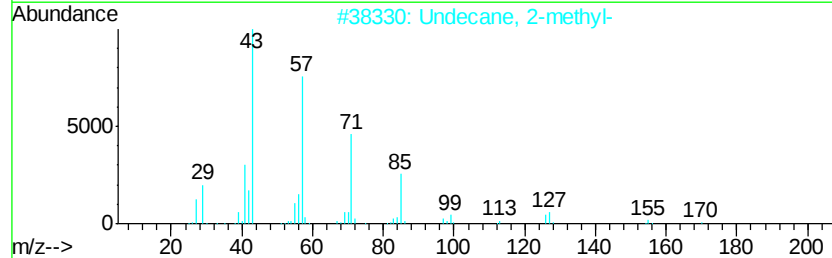
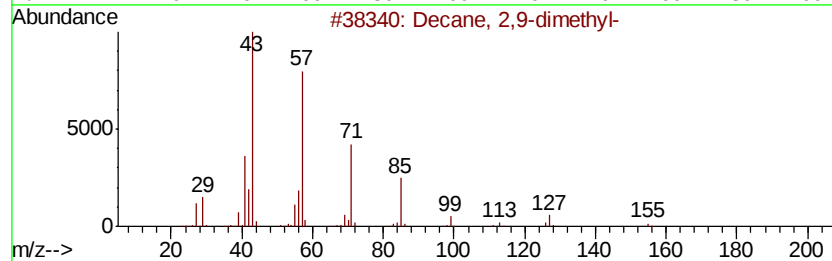
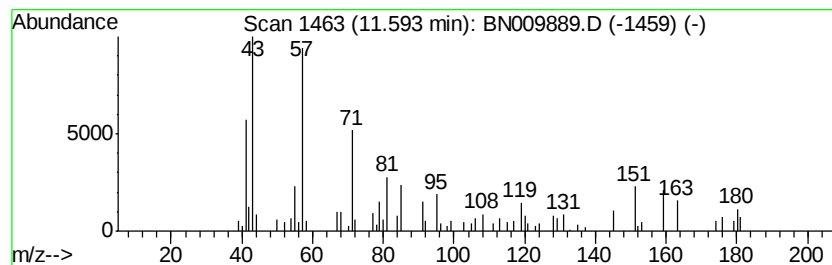
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.59 | 2.54 ng/ul | 130242 | Naphthalene-d8   | 10.13 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2,9-dimethyl- | 170 | C12H26  | 001002-17-1 | 35   |
| 2    |    |   | Undecane, 2-methyl-   | 170 | C12H26  | 007045-71-8 | 35   |
| 3    |    |   | Tetradecane, 1-iodo-  | 324 | C14H29I | 019218-94-1 | 35   |
| 4    |    |   | Dodecane, 2-methyl-   | 184 | C13H28  | 001560-97-0 | 35   |
| 5    |    |   | Undecane              | 156 | C11H24  | 001120-21-4 | 35   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

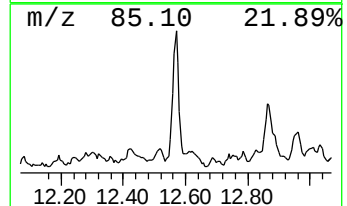
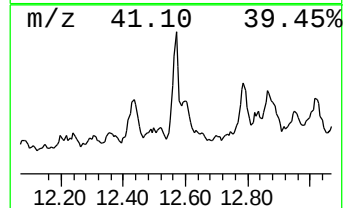
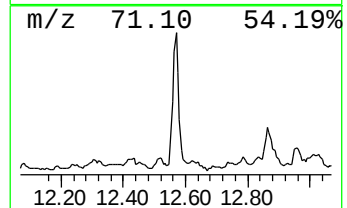
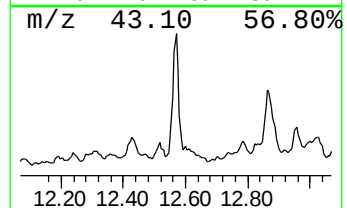
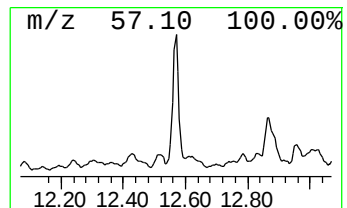
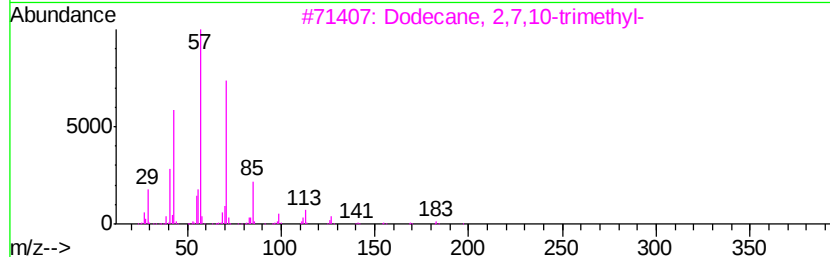
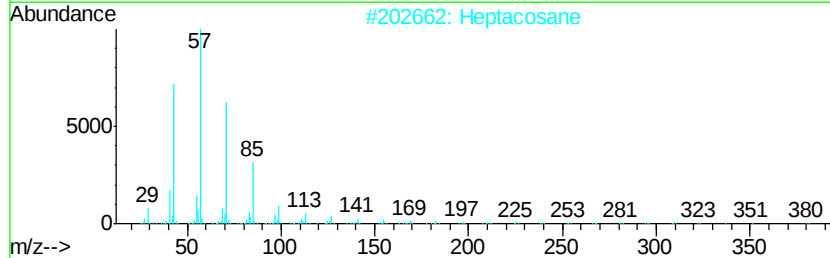
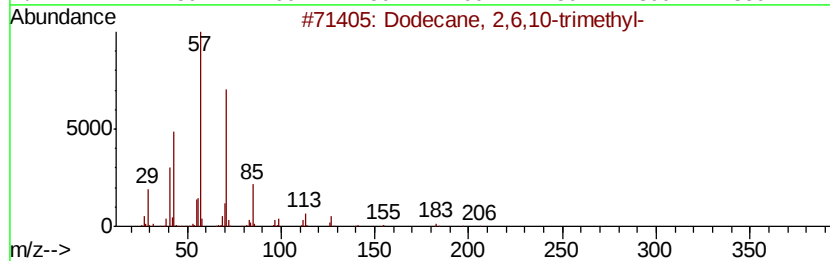
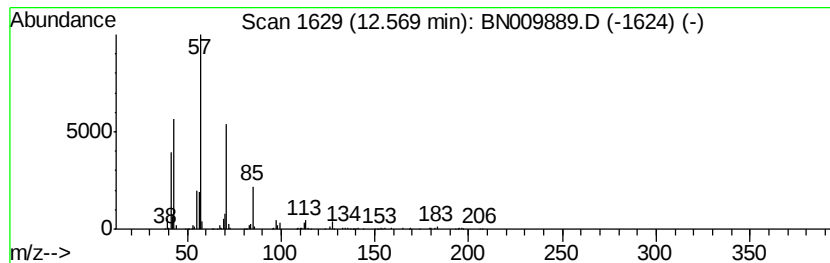
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.57 | 9.35 ng/ul | 642228 | Acenaphthene-d10 | 14.03 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 80   |
| 2    |    |   | Heptacosane                 | 380 | C27H56  | 000593-49-7 | 64   |
| 3    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 59   |
| 4    |    |   | Nonane, 3,7-dimethyl-       | 156 | C11H24  | 017302-32-8 | 59   |
| 5    |    |   | Undecane, 6,6-dimethyl-     | 184 | C13H28  | 017312-76-4 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

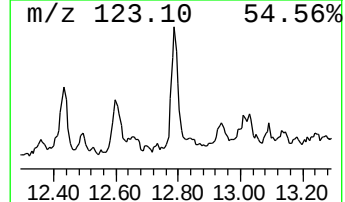
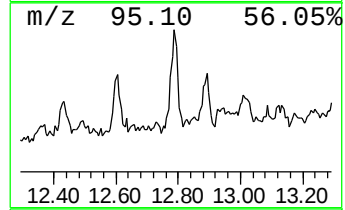
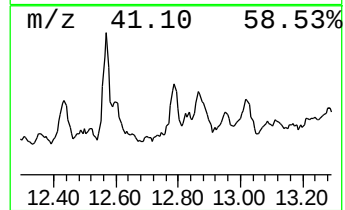
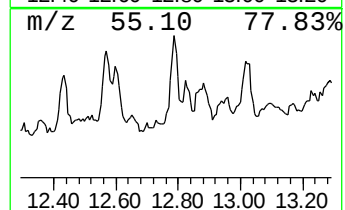
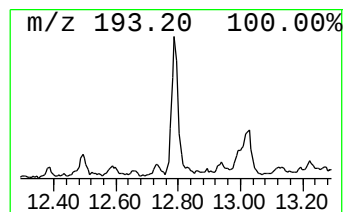
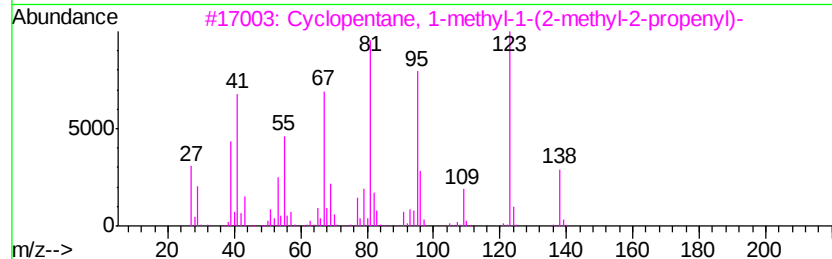
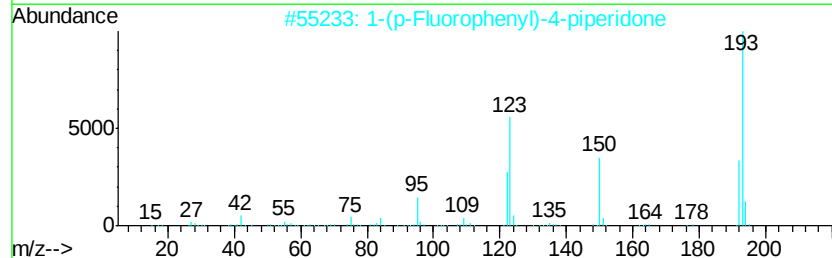
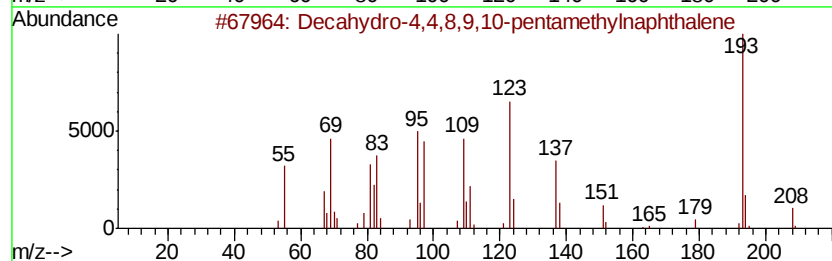
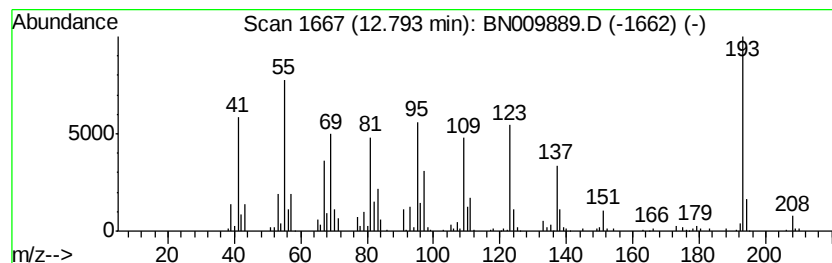
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Decahydro-4,4,8,9,10-pentam... Concentration Rank 18

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.79 | 6.23 ng/u1 | 427794 | Acenaphthene-d10 | 14.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Decahydro-4,4,8,9,10-pentamethyl... | 208 | C15H28    | 080655-44-3  | 96   |
| 2    |    | 1-(p-Fluorophenyl)-4-piperidone     | 193 | C11H12FNO | 1000238-56-7 | 46   |
| 3    |    | Cyclopentane, 1-methyl-1-(2-meth... | 138 | C10H18    | 074764-47-9  | 35   |
| 4    |    | Cyclohexane, 1-methyl-4-(1-methy... | 138 | C10H18    | 001124-27-2  | 25   |
| 5    |    | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18    | 020536-41-8  | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

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Quant Title : SVOA CALIBRATION

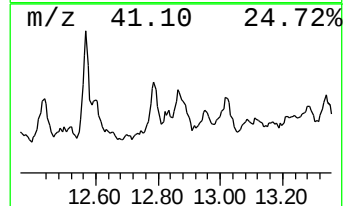
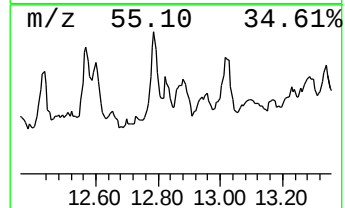
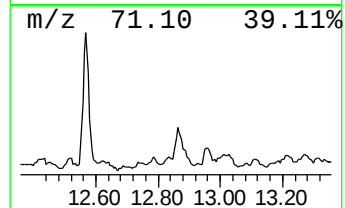
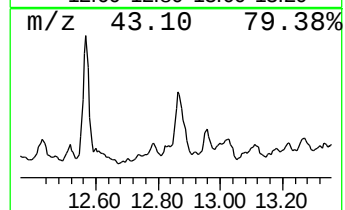
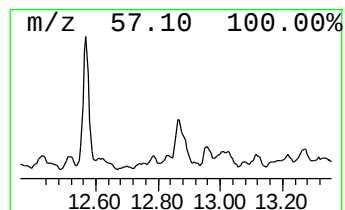
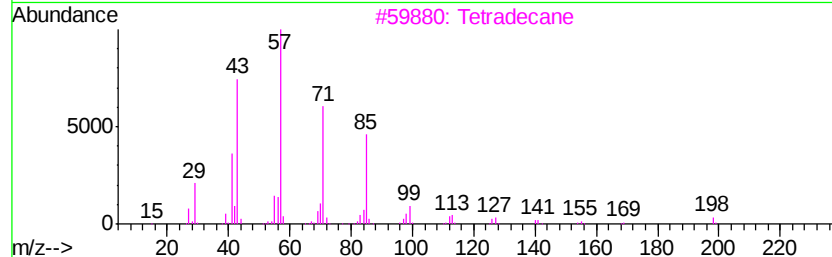
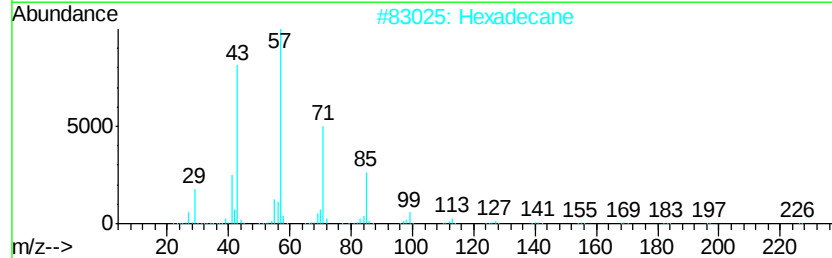
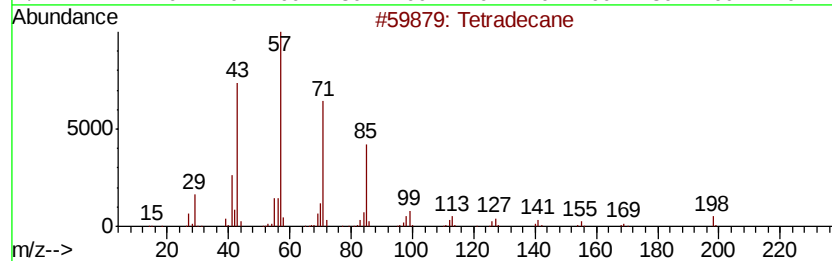
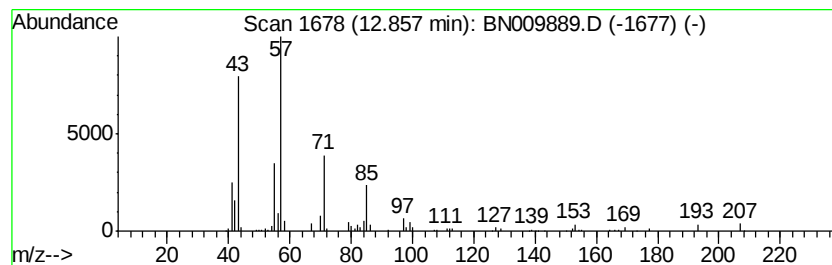
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.86 | 5.18 ng/ul | 355795 | Acenaphthene-d10 | 14.03 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane               | 198 | C14H30  | 000629-59-4 | 90   |
| 2    |    |   | Hexadecane                | 226 | C16H34  | 000544-76-3 | 86   |
| 3    |    |   | Tetradecane               | 198 | C14H30  | 000629-59-4 | 80   |
| 4    |    |   | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 78   |
| 5    |    |   | Tridecane                 | 184 | C13H28  | 000629-50-5 | 78   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

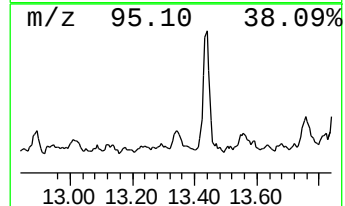
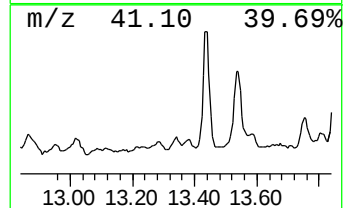
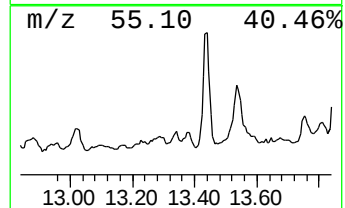
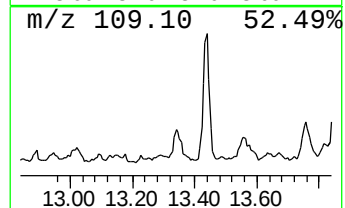
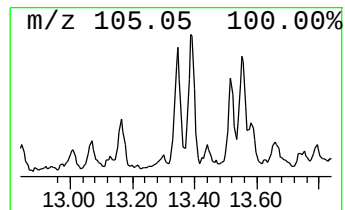
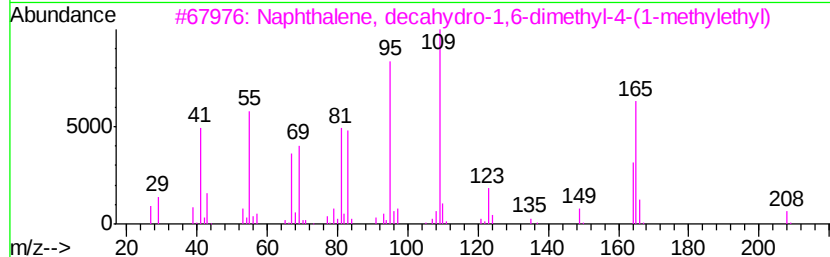
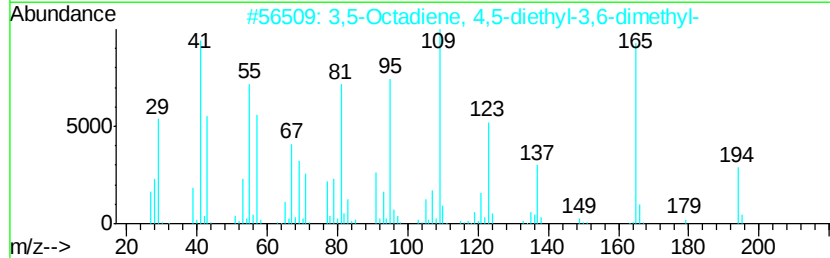
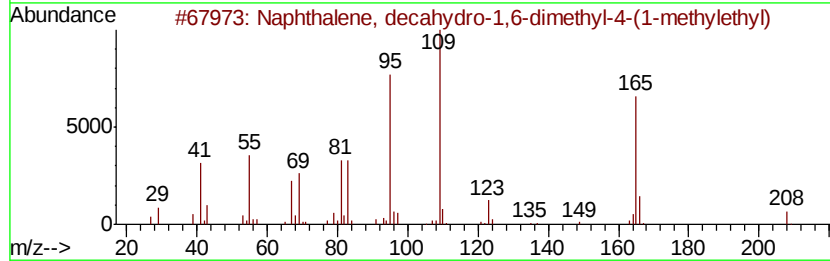
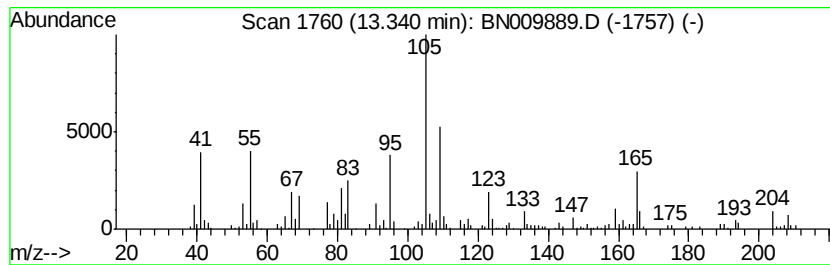
Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 Naphthalene, decahydro-1,6-... Concentration Rank 32

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.    |             |      |
|---------|------------|-------------------------------------|------------------|---------|-------------|------|
| 13.34   | 3.56 ng/ul | 244348                              | Acenaphthene-d10 | 14.03   |             |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm | CAS#        | Qual |
| 1       |            | Naphthalene, decahydro-1,6-dimet... | 208              | C15H28  | 029788-41-8 | 62   |
| 2       |            | 3,5-Octadiene, 4,5-diethyl-3,6-d... | 194              | C14H26  | 061233-79-2 | 53   |
| 3       |            | Naphthalene, decahydro-1,6-dimet... | 208              | C15H28  | 029788-41-8 | 53   |
| 4       |            | Naphthalene, decahydro-1,6-dimet... | 208              | C15H28  | 029788-41-8 | 53   |
| 5       |            | 1H-Indene, octahydro-2,3a,4-trim... | 208              | C15H28  | 031230-13-4 | 40   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

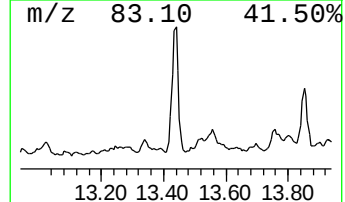
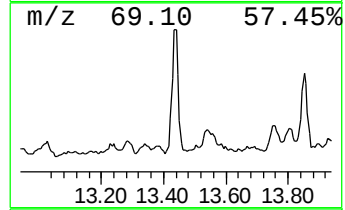
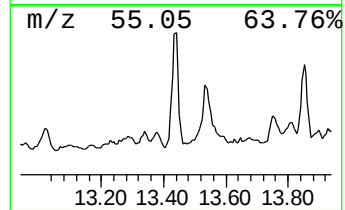
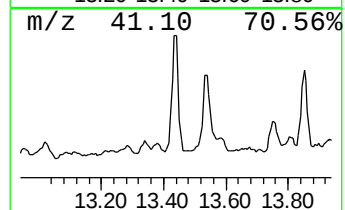
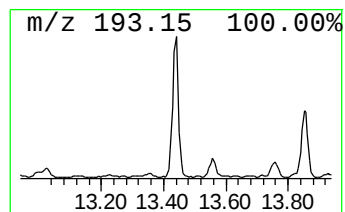
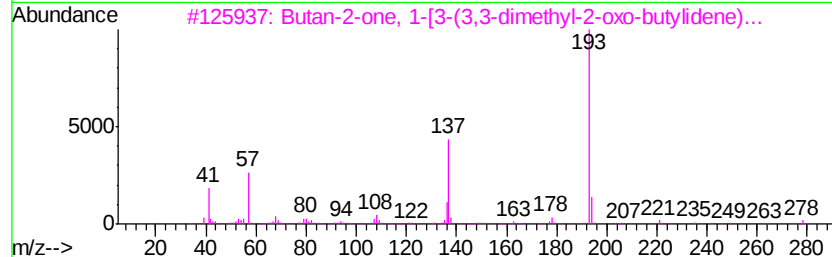
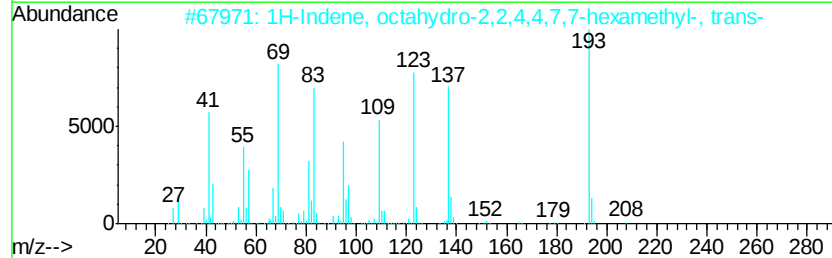
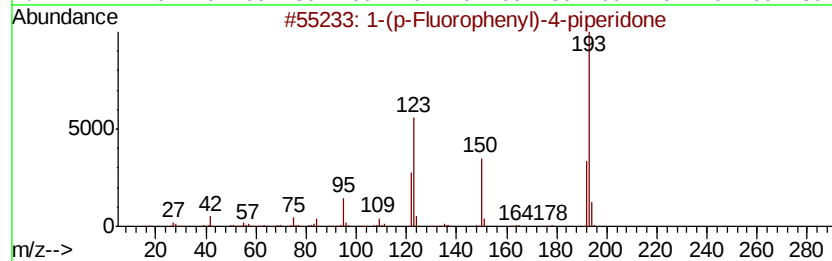
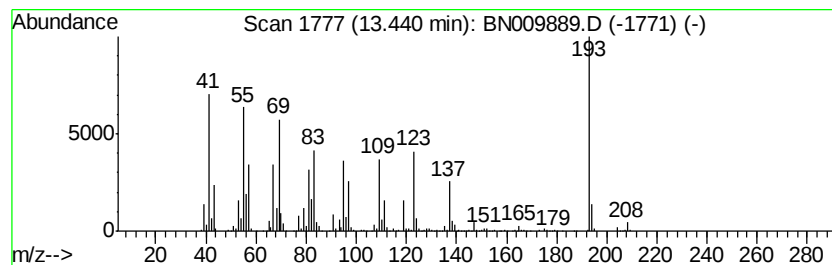
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ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 unknown-02 Concentration Rank 2

| R.T.    | EstConc     | Area                                | Relative to ISTD | R.T.            |
|---------|-------------|-------------------------------------|------------------|-----------------|
| 13.44   | 30.31 ng/ul | 2081310                             | Acenaphthene-d10 | 14.03           |
| Hit# of | 5           | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |             | 1-(p-Fluorophenyl)-4-piperidone     | 193 C11H12FNO    | 1000238-56-7 43 |
| 2       |             | 1H-Indene, octahydro-2,2,4,4,7,7... | 208 C15H28       | 054832-83-6 43  |
| 3       |             | Butan-2-one, 1-[3-(3,3-dimethyl-... | 278 C16H26N2O2   | 1000303-34-2 27 |
| 4       |             | 2-Anthracenamine                    | 193 C14H11N      | 000613-13-8 27  |
| 5       |             | Pyrazole, 5-methyl-3-(5-nitro-2-... | 193 C8H7N3O3     | 016239-90-0 27  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

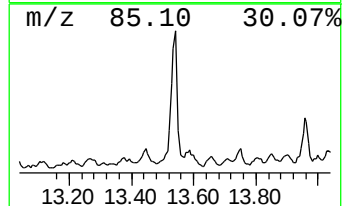
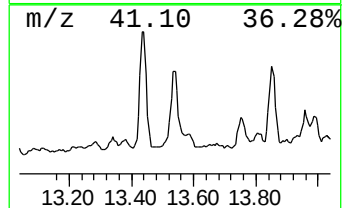
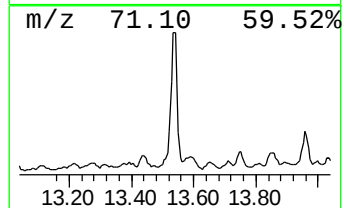
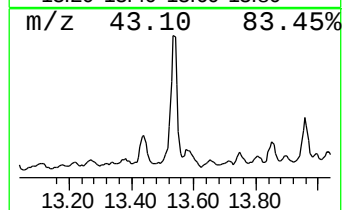
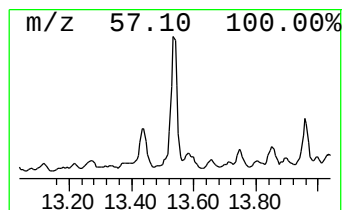
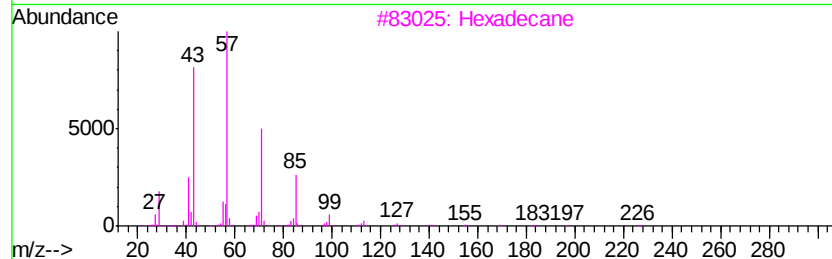
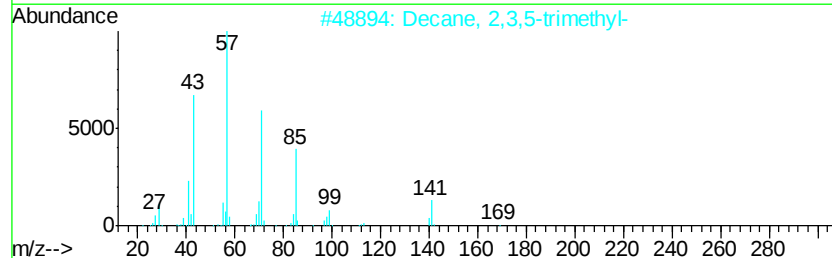
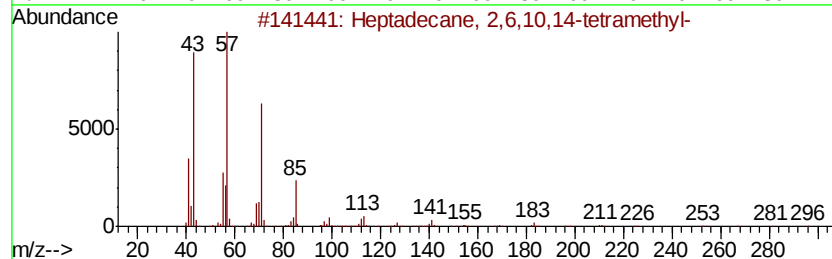
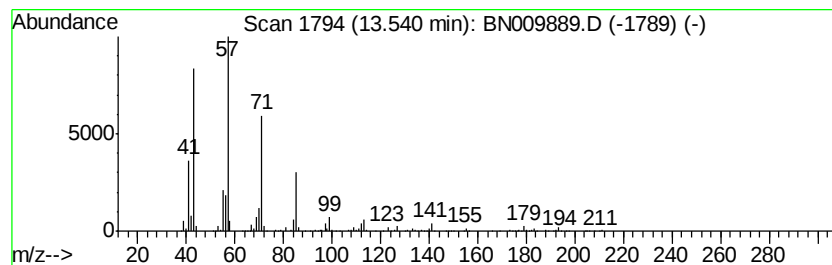
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 13.54 | 19.29 ng/ul | 1324140 | Acenaphthene-d10 | 14.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 91   |
| 2    |    | Decane, 2,3,5-trimethyl-            | 184 | C13H28  | 062238-11-3 | 86   |
| 3    |    | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    | Tridecane                           | 184 | C13H28  | 000629-50-5 | 86   |
| 5    |    | Decane, 5-propyl-                   | 184 | C13H28  | 017312-62-8 | 81   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

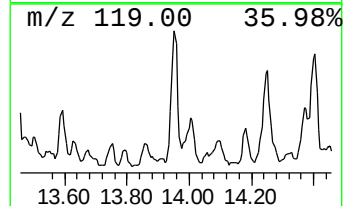
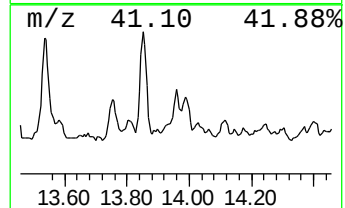
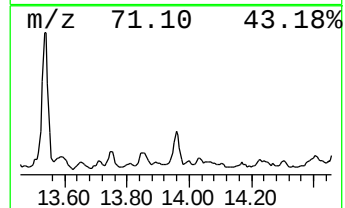
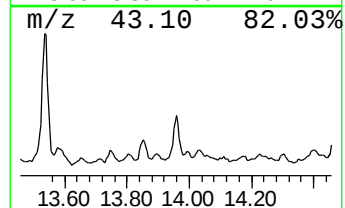
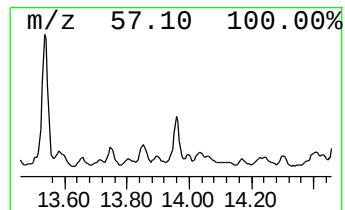
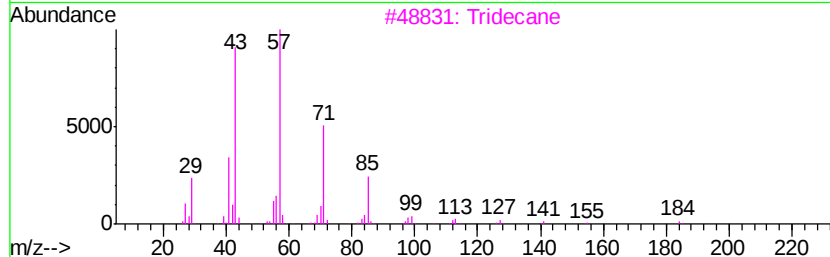
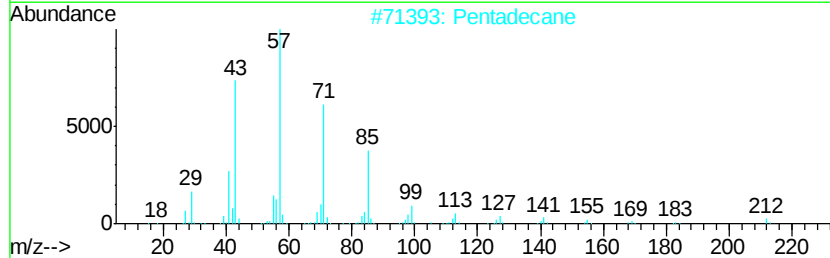
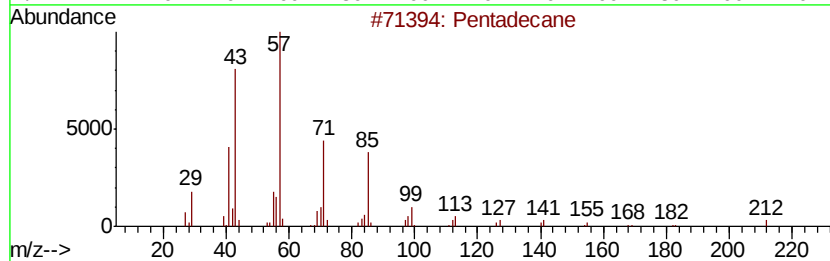
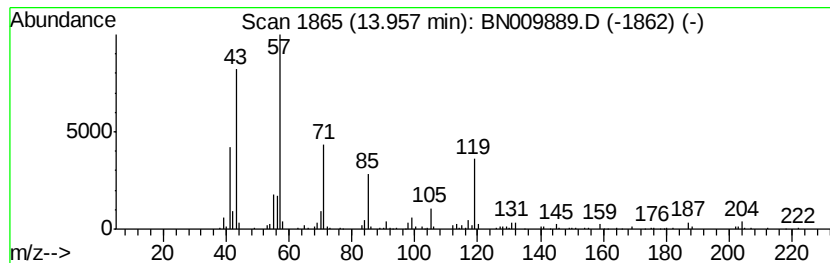
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 13.96 | 4.47 ng/ul | 306940 | Acenaphthene-d10 | 14.03 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 78   |
| 2    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 60   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 49   |
| 4    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 47   |
| 5    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

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Quant Title : SVOA CALIBRATION

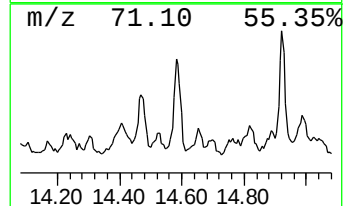
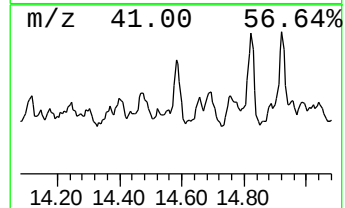
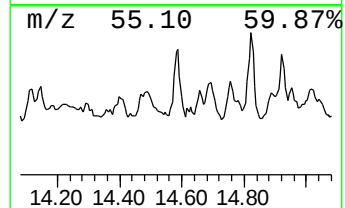
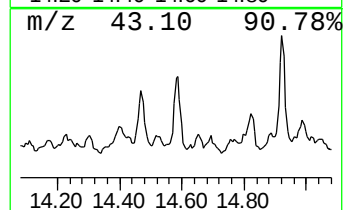
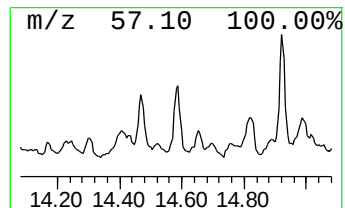
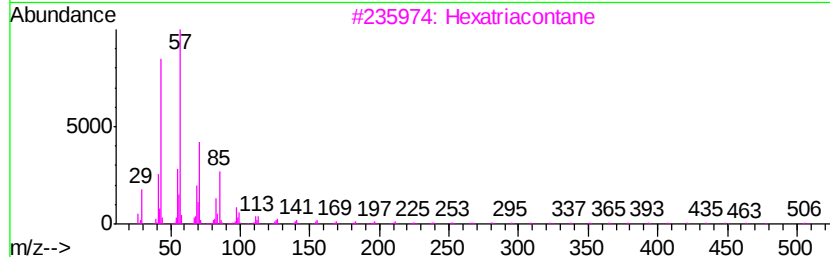
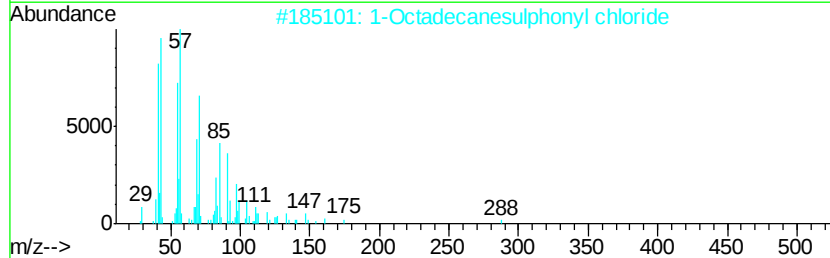
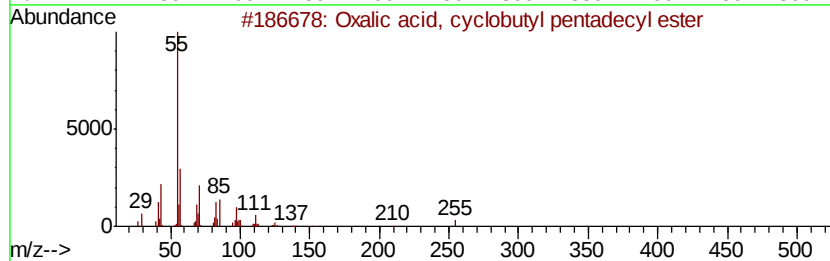
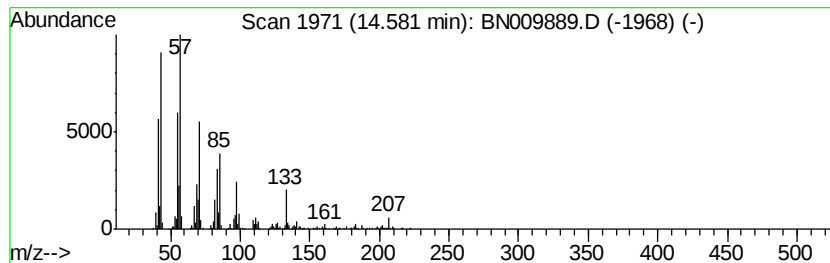
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 26 Oxalic acid, cyclobutyl pen... Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.58 | 8.55 ng/ul | 586949 | Acenaphthene-d10 | 14.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Oxalic acid, cyclobutyl pentadec... | 354 | C21H38O4    | 1000309-70-5 | 64   |
| 2    |    | 1-Octadecanesulphonyl chloride      | 352 | C18H37ClO2S | 1000342-70-4 | 64   |
| 3    |    | Hexatriacontane                     | 507 | C36H74      | 000630-06-8  | 58   |
| 4    |    | 1-Iodo-2-methylundecane             | 296 | C12H25I     | 073105-67-6  | 52   |
| 5    |    | Tetradecane                         | 198 | C14H30      | 000629-59-4  | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

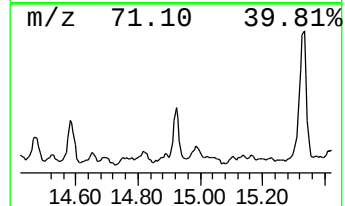
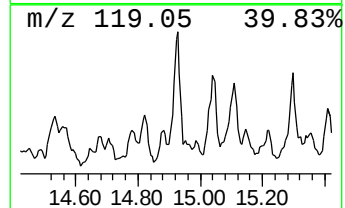
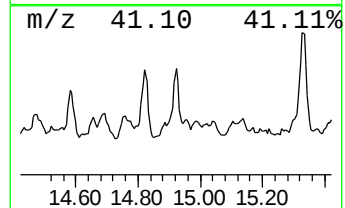
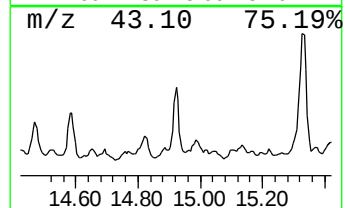
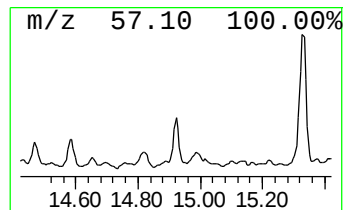
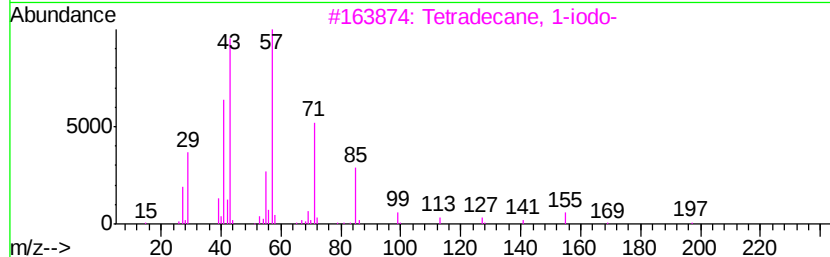
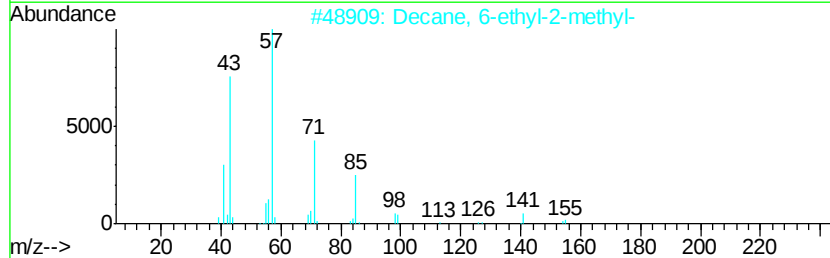
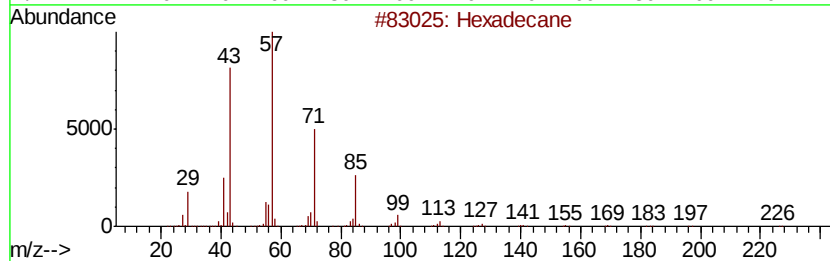
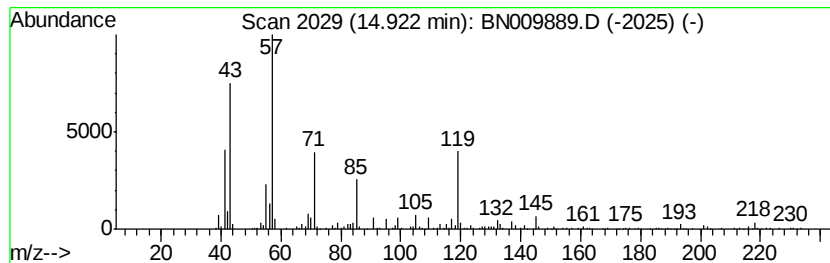
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.92 | 8.35 ng/ul | 572990 | Acenaphthene-d10 | 14.03 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane                | 226 | C16H34  | 000544-76-3 | 49   |
| 2    |    |   | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 46   |
| 3    |    |   | Tetradecane, 1-iodo-      | 324 | C14H29I | 019218-94-1 | 46   |
| 4    |    |   | Undecane, 5-ethyl-        | 184 | C13H28  | 017453-94-0 | 43   |
| 5    |    |   | Octadecane                | 254 | C18H38  | 000593-45-3 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

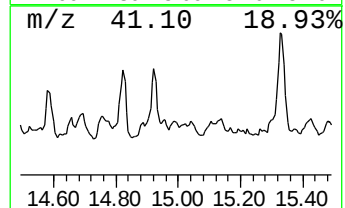
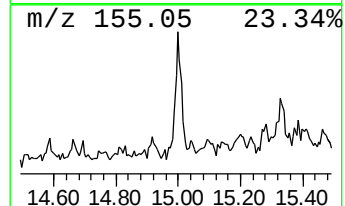
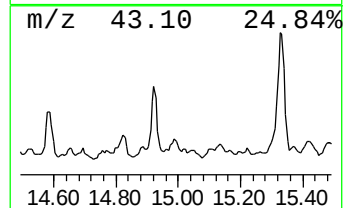
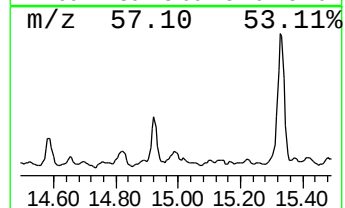
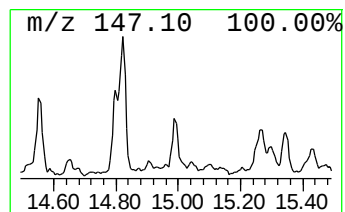
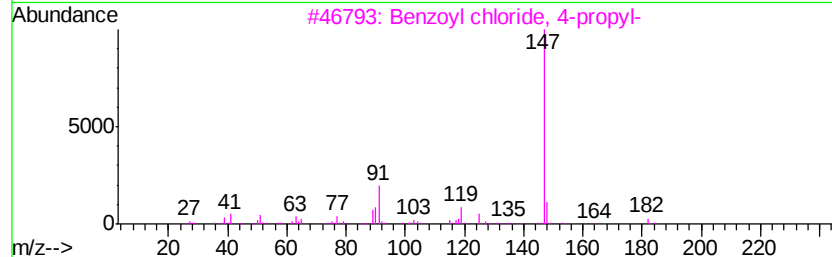
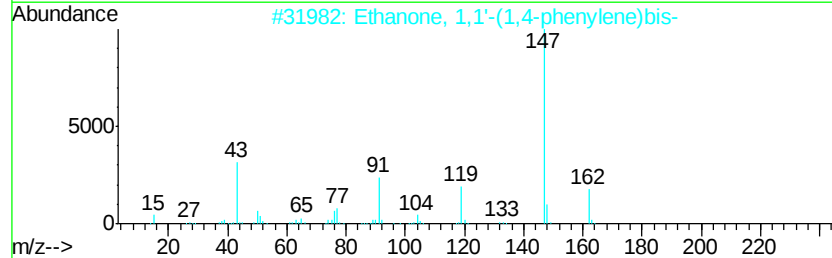
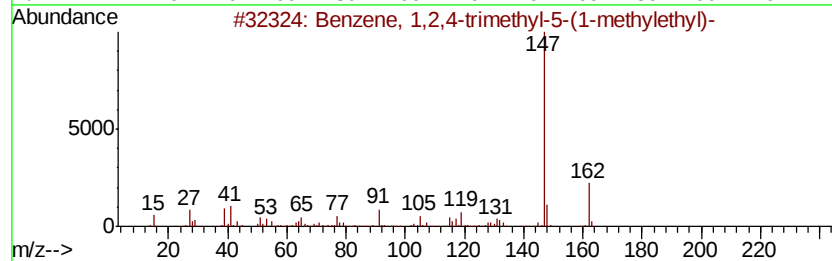
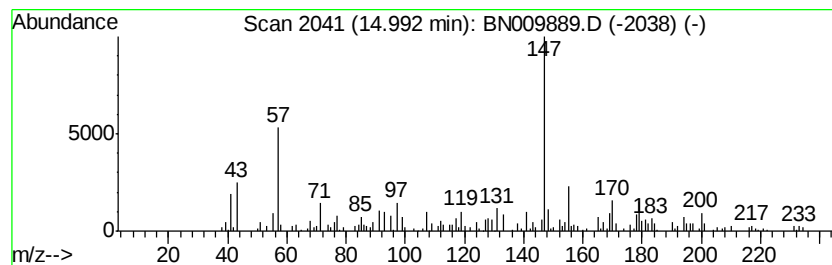
Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 31 Benzene, 1,2,4-trimethyl-5-... Concentration Rank 46

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.           |
|---------|------------|-------------------------------------|------------------|----------------|
| 14.99   | 2.26 ng/ul | 155368                              | Acenaphthene-d10 | 14.03          |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |            | Benzene, 1,2,4-trimethyl-5-(1-me... | 162 C12H18       | 010222-95-4 50 |
| 2       |            | Ethanone, 1,1'-(1,4-phenylene)bis-  | 162 C10H10O2     | 001009-61-6 43 |
| 3       |            | Benzoyl chloride, 4-propyl-         | 182 C10H11ClO    | 052710-27-7 43 |
| 4       |            | Benzoyl chloride, 4-propyl-         | 182 C10H11ClO    | 052710-27-7 43 |
| 5       |            | Dewar benzene, hexamethyl-          | 162 C12H18       | 007641-77-2 40 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

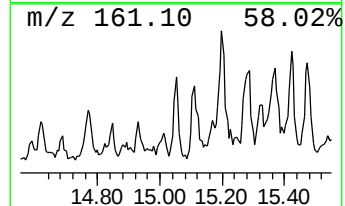
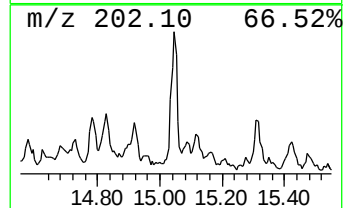
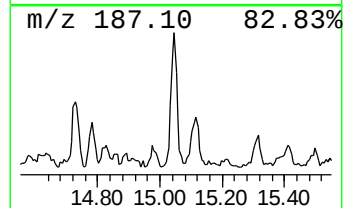
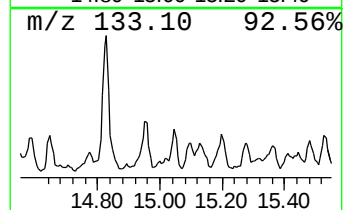
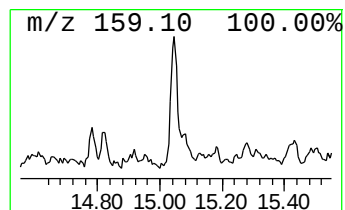
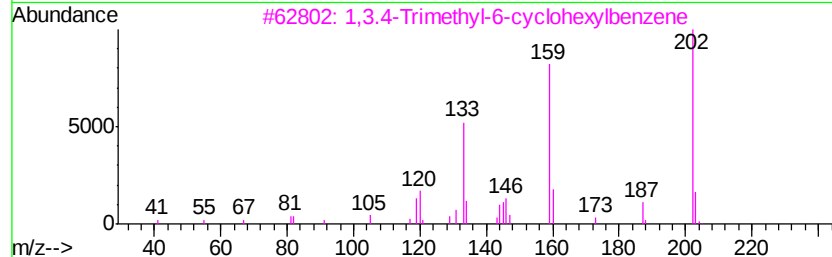
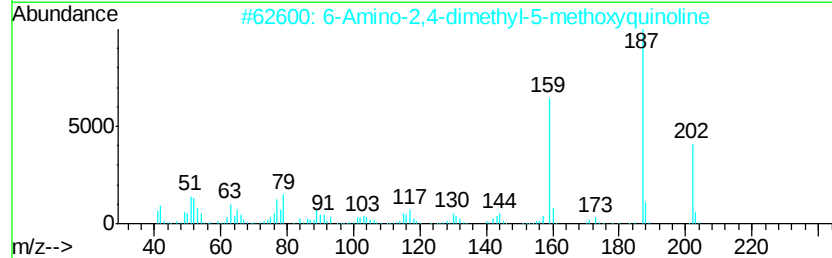
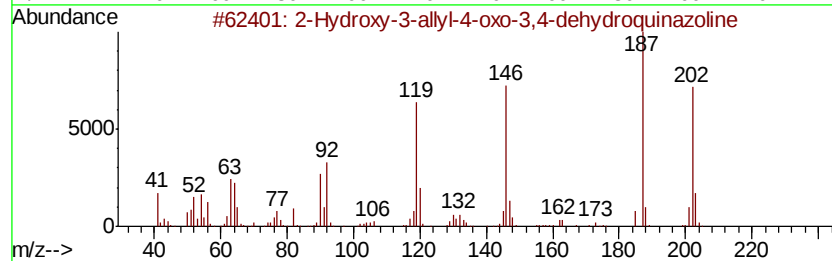
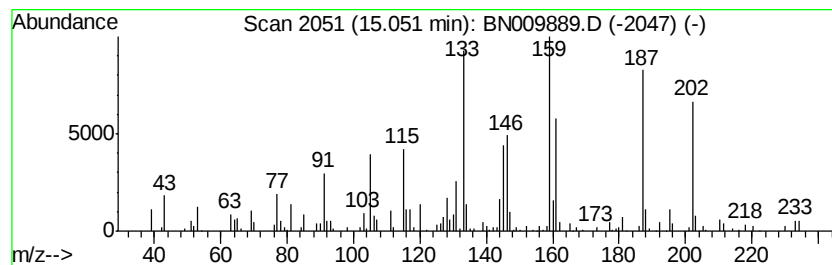
Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 32 unknown-03 Concentration Rank 23

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.           |
|---------|-------------------------------------|--------------|------------------|----------------|
| 15.05   | 4.78 ng/ul                          | 328017       | Acenaphthene-d10 | 14.03          |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual      |
| 1       | 2-Hydroxy-3-allyl-4-oxo-3,4-dehy... | 202          | C11H10N2O2       | 010341-86-3 43 |
| 2       | 6-Amino-2,4-dimethyl-5-methoxyqu... | 202          | C12H14N2O        | 084264-47-1 35 |
| 3       | 1,3,4-Trimethyl-6-cyclohexylbenzene | 202          | C15H22           | 032406-17-0 35 |
| 4       | 2(5H)-Furanone, 5-(2,5-dimethylp... | 202          | C13H14O2         | 055591-07-6 30 |
| 5       | Hydratropaldehyde, .alpha.-methy... | 216          | C11H11F3O        | 032454-18-5 27 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

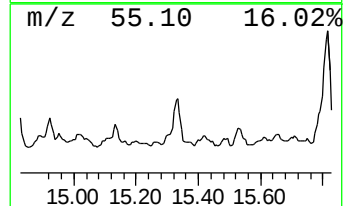
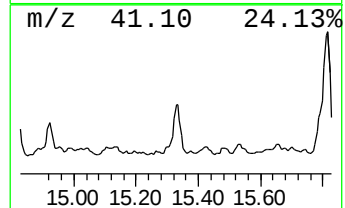
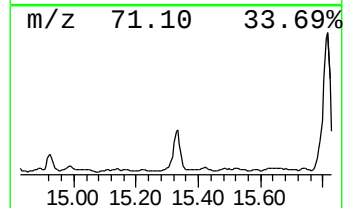
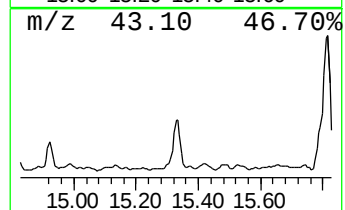
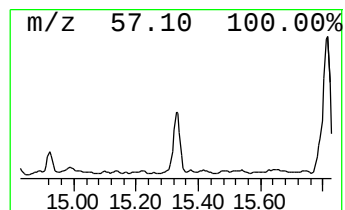
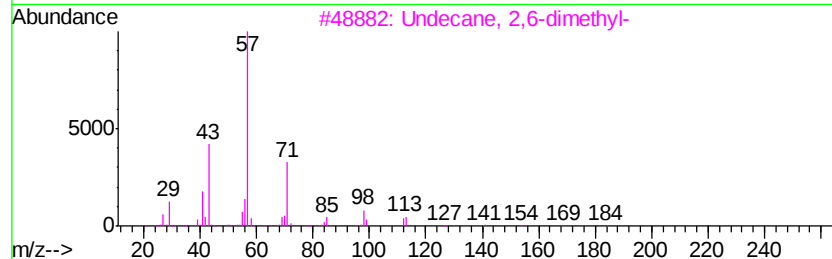
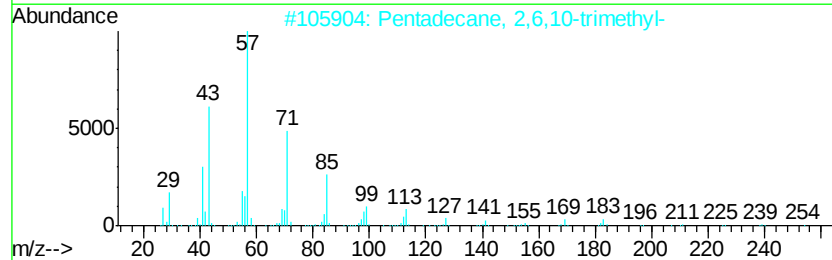
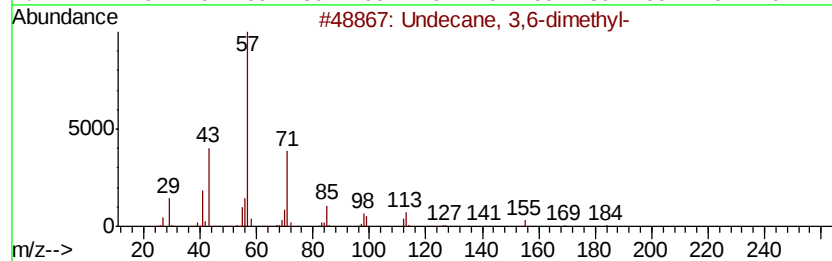
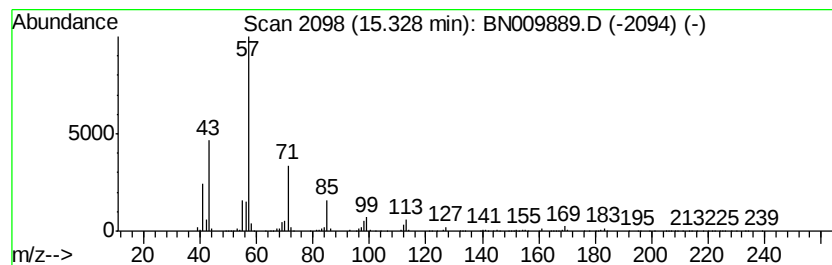
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 15.33 | 19.47 ng/ul | 1336510 | Acenaphthene-d10 | 14.03 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Undecane, 3,6-dimethyl-        | 184 | C13H28  | 017301-28-9 | 78   |
| 2    |    | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 78   |
| 3    |    | Undecane, 2,6-dimethyl-        | 184 | C13H28  | 017301-23-4 | 76   |
| 4    |    | Undecane, 4,6-dimethyl-        | 184 | C13H28  | 017312-82-2 | 74   |
| 5    |    | Undecane, 5-ethyl-             | 184 | C13H28  | 017453-94-0 | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

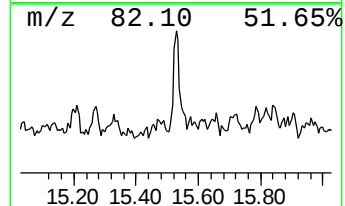
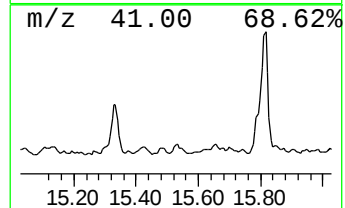
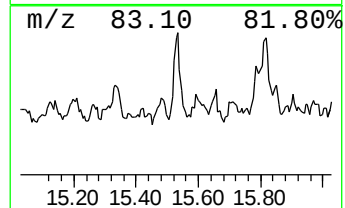
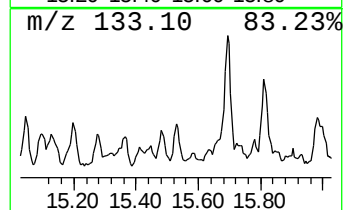
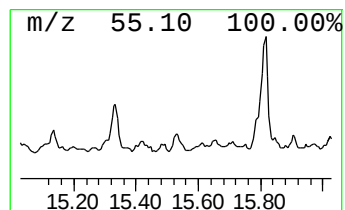
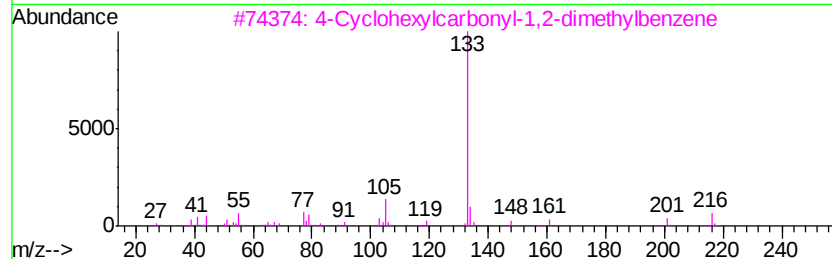
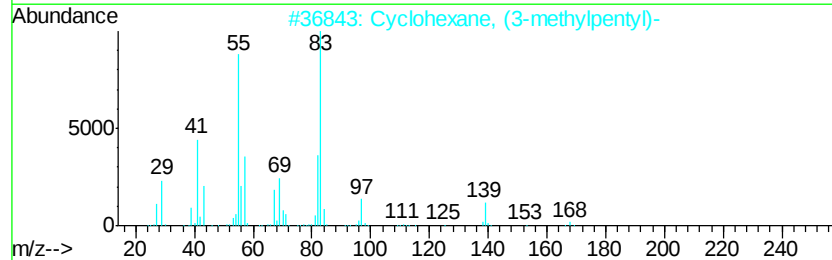
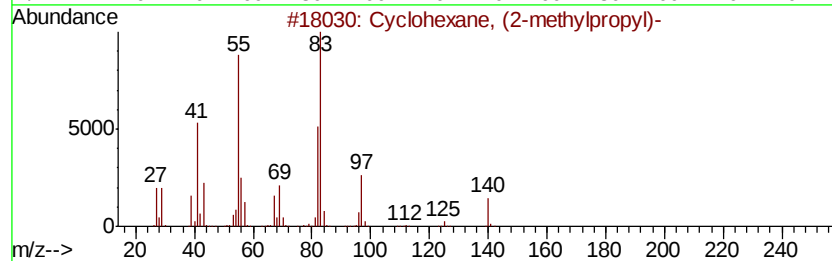
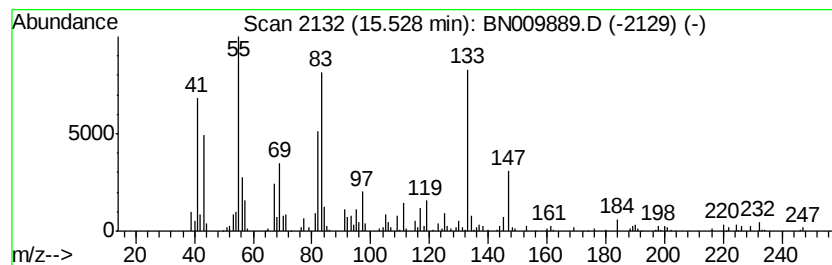
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 34 (DEL) Alkane: Cyclic15.53 Concentration Rank 26

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.53 | 4.47 ng/ul | 265457 | Phenanthrene-d10 | 16.79 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, (2-methylpropyl)-       | 140 | C10H20  | 001678-98-4 | 35   |
| 2    |    | Cyclohexane, (3-methylpentyl)-       | 168 | C12H24  | 061142-38-9 | 35   |
| 3    |    | 4-Cyclohexylcarbonyl-1,2-dimethyl... | 216 | C15H20O | 133047-84-4 | 35   |
| 4    |    | Cyclohexane, (2-methylpropyl)-       | 140 | C10H20  | 001678-98-4 | 35   |
| 5    |    | Cyclohexane, 2-propenyl-             | 124 | C9H16   | 002114-42-3 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

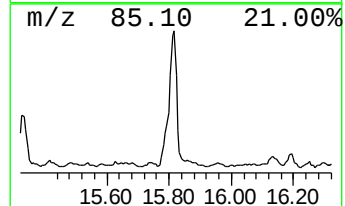
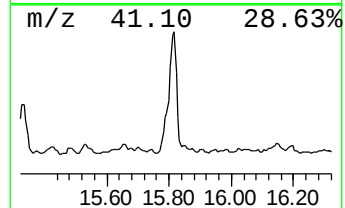
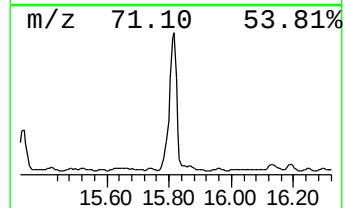
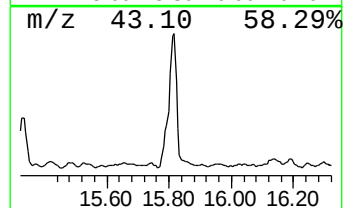
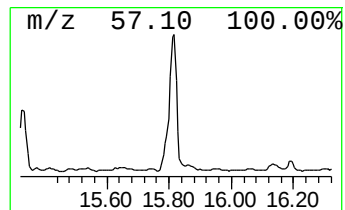
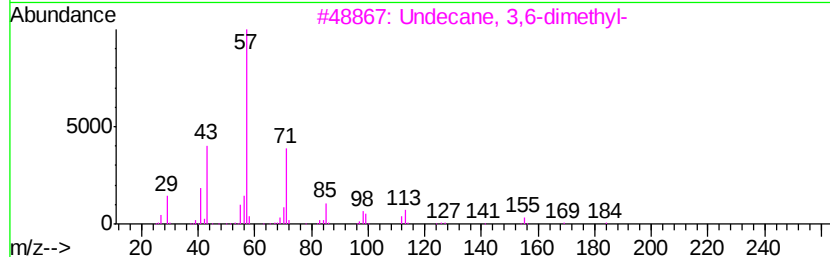
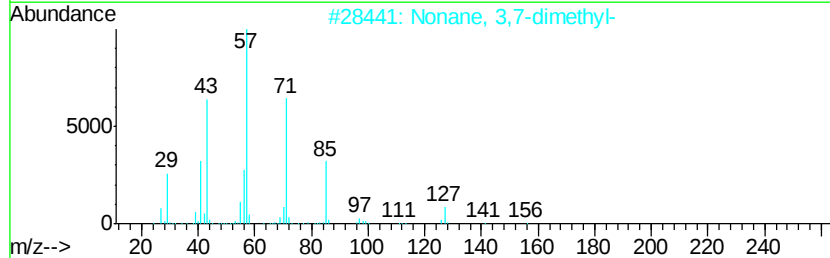
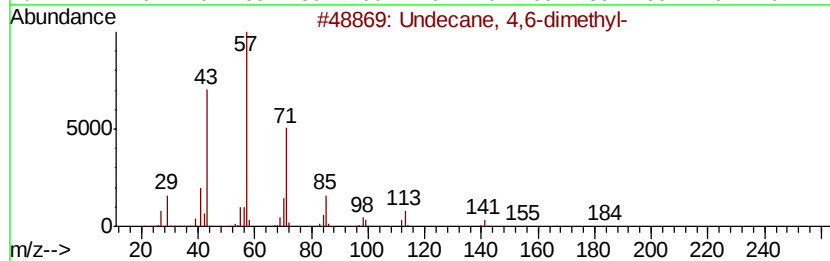
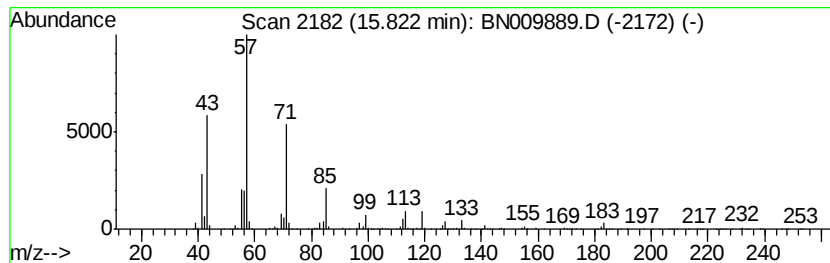
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 15.82 | 75.36 ng/ul | 4475280 | Phenanthrene-d10 | 16.79 |

| Hit# | of | Tentative ID            | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------|-----|----------|-------------|------|
| 1    | 5  | Undecane, 4,6-dimethyl- | 184 | C13H28   | 017312-82-2 | 72   |
| 2    |    | Nonane, 3,7-dimethyl-   | 156 | C11H24   | 017302-32-8 | 64   |
| 3    |    | Undecane, 3,6-dimethyl- | 184 | C13H28   | 017301-28-9 | 64   |
| 4    |    | Octane, 3,6-dimethyl-   | 142 | C10H22   | 015869-94-0 | 59   |
| 5    |    | 2-Bromo dodecane        | 248 | C12H25Br | 013187-99-0 | 55   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

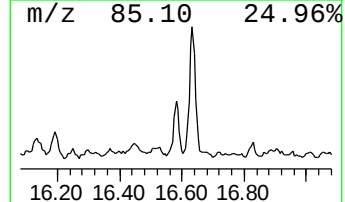
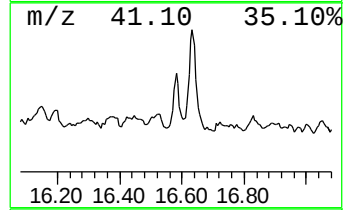
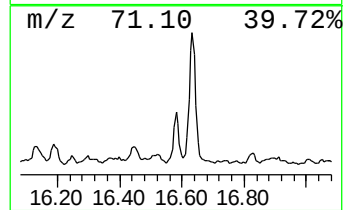
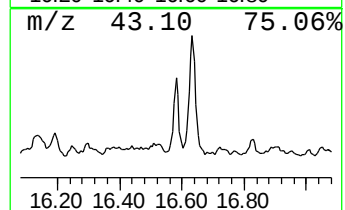
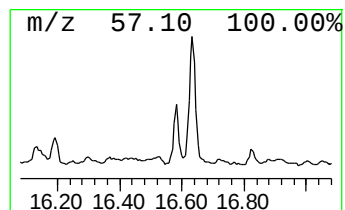
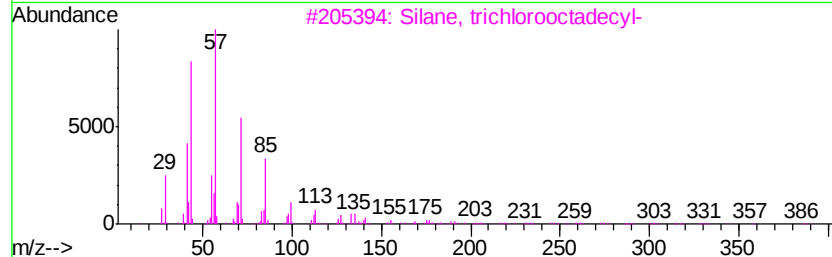
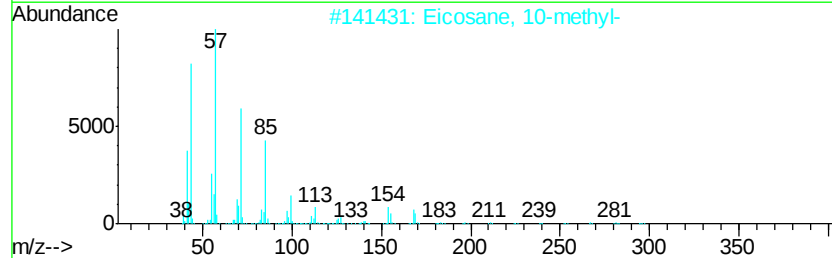
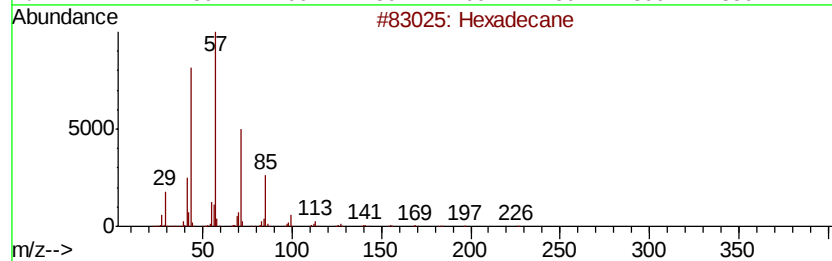
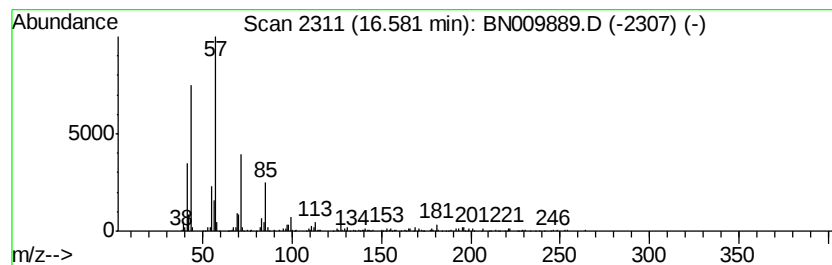
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 16.58 | 10.68 ng/ul | 634451 | Phenanthrene-d10 | 16.79 |

| Hit# | of | Tentative ID                | MW  | MolForm     | CAS#        | Qual |
|------|----|-----------------------------|-----|-------------|-------------|------|
| 1    | 5  | Hexadecane                  | 226 | C16H34      | 000544-76-3 | 93   |
| 2    |    | Eicosane, 10-methyl-        | 296 | C21H44      | 054833-23-7 | 86   |
| 3    |    | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 86   |
| 4    |    | Heptadecane, 2-methyl-      | 254 | C18H38      | 001560-89-0 | 81   |
| 5    |    | Pentadecane                 | 212 | C15H32      | 000629-62-9 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

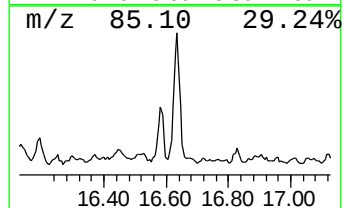
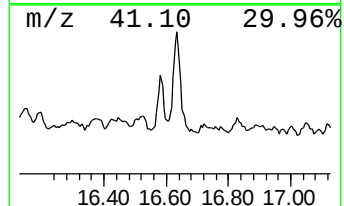
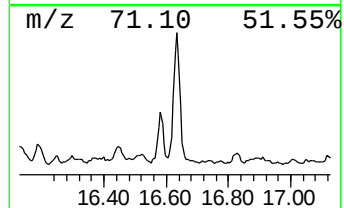
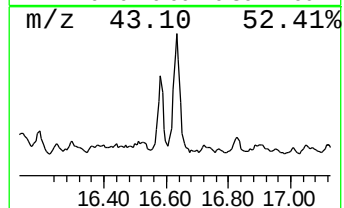
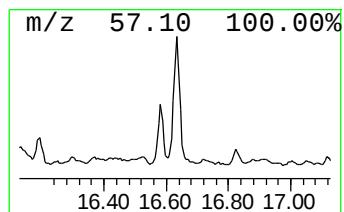
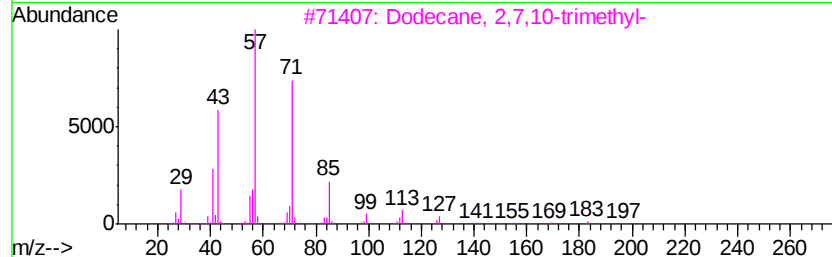
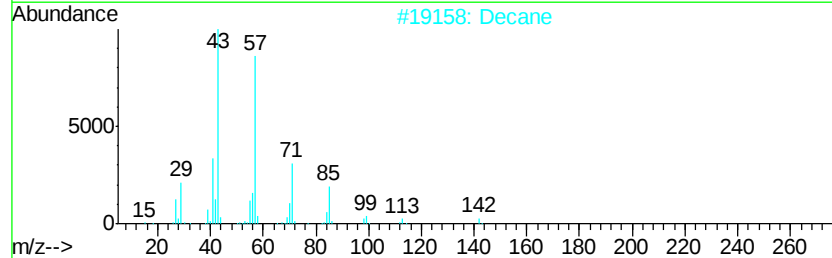
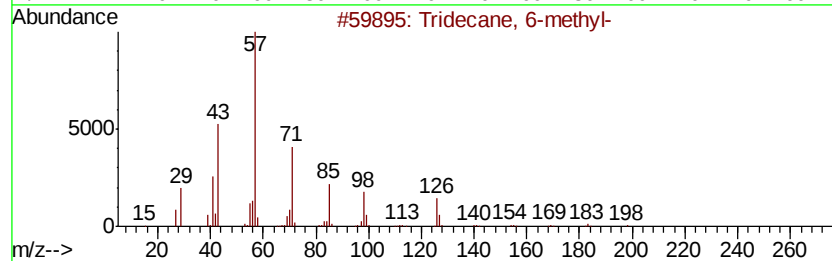
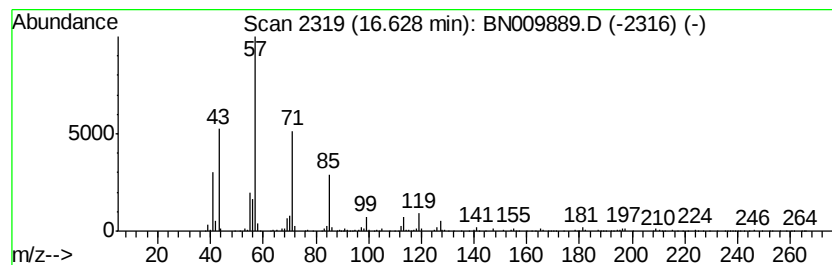
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 16.63 | 25.27 ng/ul | 1500510 | Phenanthrene-d10 | 16.79 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane, 6-methyl-         | 198 | C14H30  | 013287-21-3 | 72   |
| 2    |    | Decane                       | 142 | C10H22  | 000124-18-5 | 72   |
| 3    |    | Dodecane, 2,7,10-trimethyl-  | 212 | C15H32  | 074645-98-0 | 64   |
| 4    |    | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 64   |
| 5    |    | Undecane, 5-ethyl-           | 184 | C13H28  | 017453-94-0 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

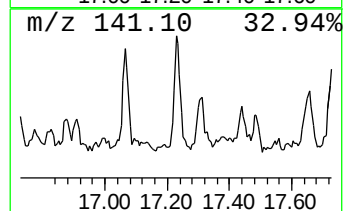
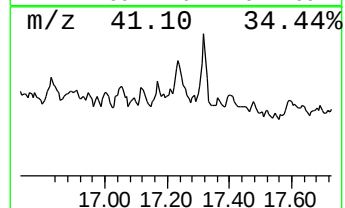
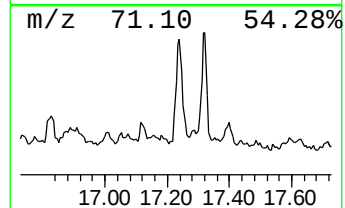
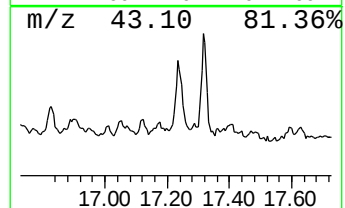
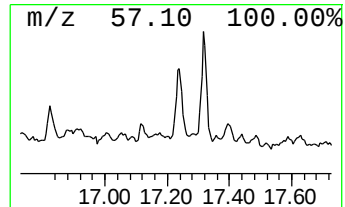
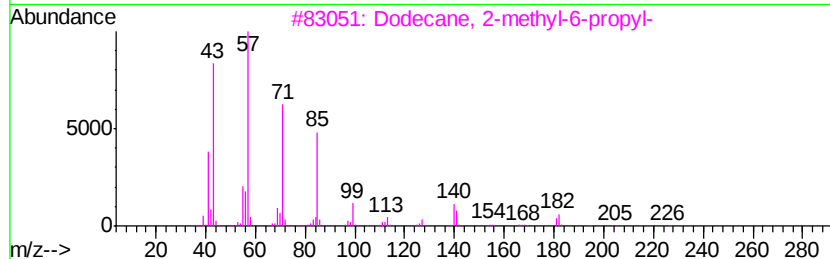
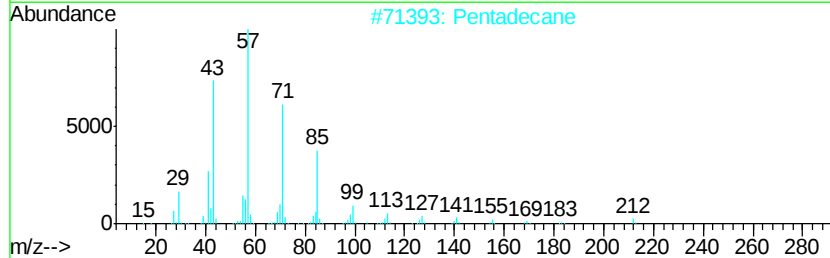
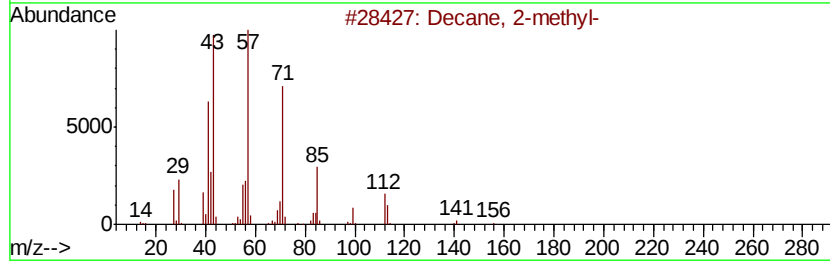
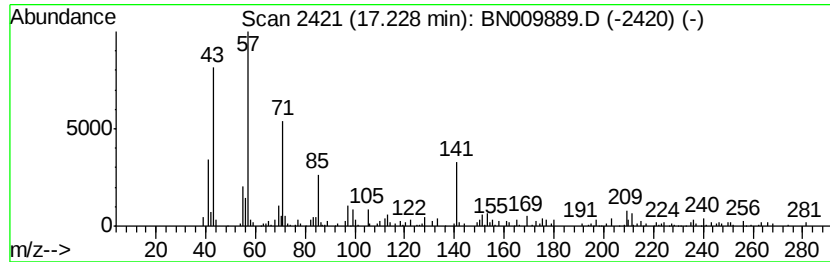
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.23 | 5.40 ng/ul | 320410 | Phenanthrene-d10 | 16.79 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Decane, 2-methyl-            | 156 | C11H24  | 006975-98-0 | 81   |
| 2    |    | Pentadecane                  | 212 | C15H32  | 000629-62-9 | 81   |
| 3    |    | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 80   |
| 4    |    | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 80   |
| 5    |    | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

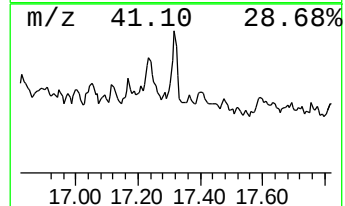
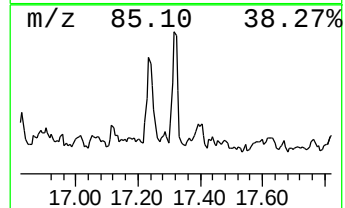
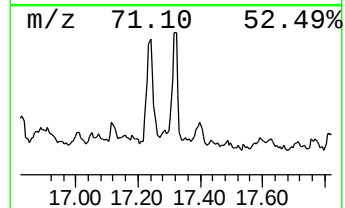
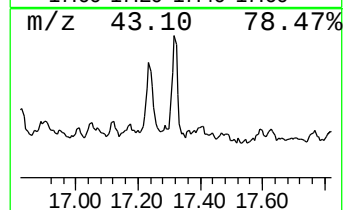
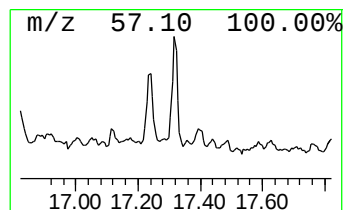
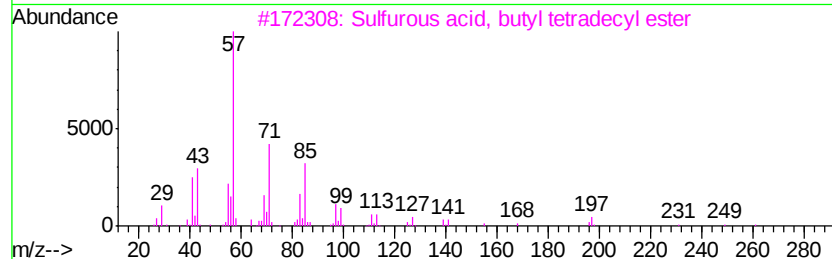
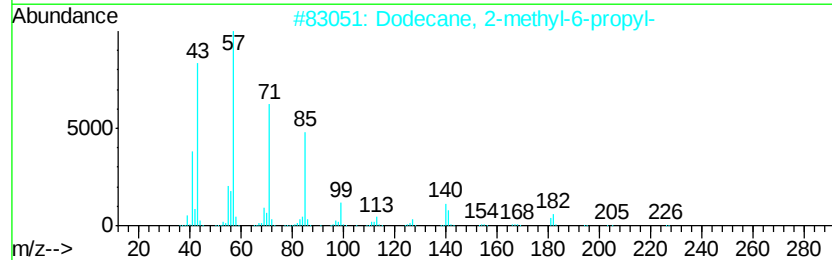
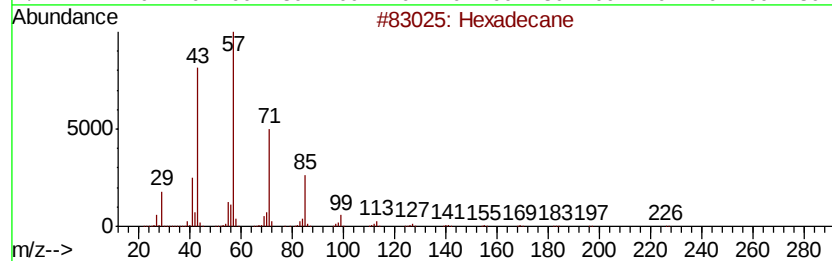
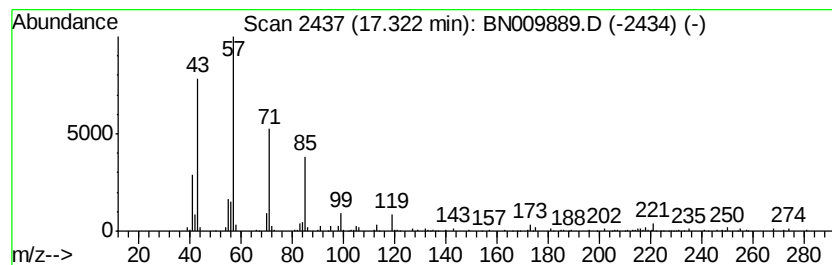
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.32 | 5.53 ng/ul | 328548 | Phenanthrene-d10 | 16.79 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 86   |
| 2    |    |   | Dodecane, 2-methyl-6-propyl-        | 226 | C16H34    | 055045-08-4  | 78   |
| 3    |    |   | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1000309-18-1 | 78   |
| 4    |    |   | Dodecane, 4,9-dipropyl-             | 254 | C18H38    | 003054-63-5  | 72   |
| 5    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

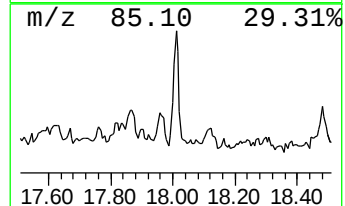
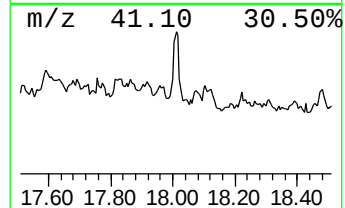
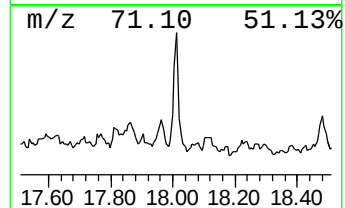
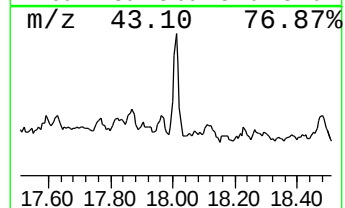
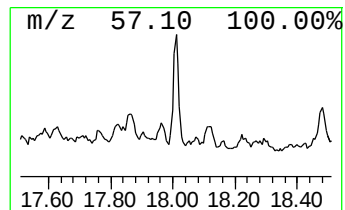
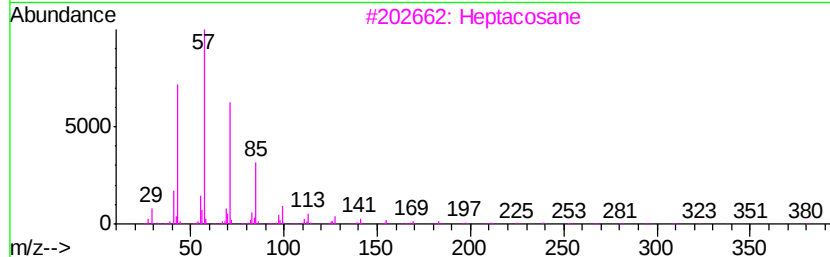
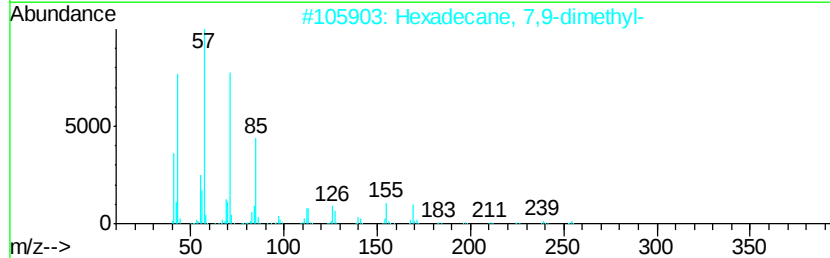
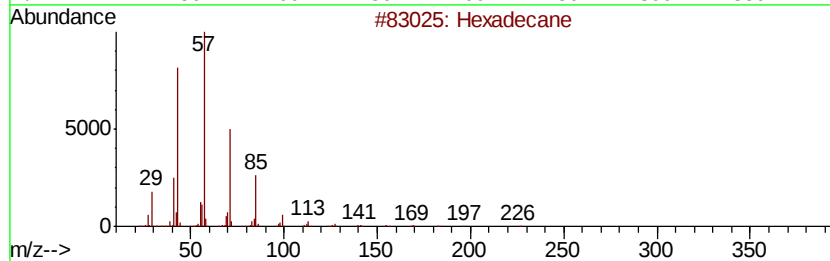
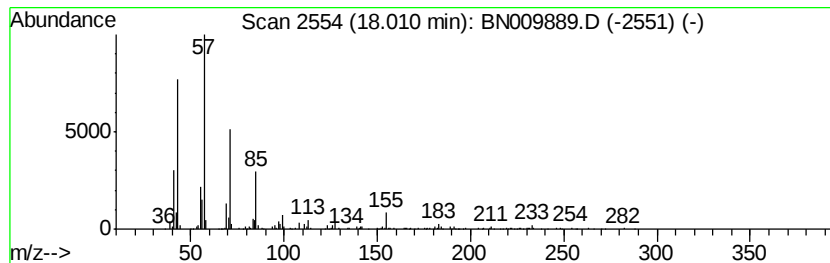
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.01 | 5.62 ng/ul | 333784 | Phenanthrene-d10 | 16.79 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane                | 226 | C16H34  | 000544-76-3 | 93   |
| 2    |    |   | Hexadecane, 7,9-dimethyl- | 254 | C18H38  | 021164-95-4 | 90   |
| 3    |    |   | Heptacosane               | 380 | C27H56  | 000593-49-7 | 87   |
| 4    |    |   | Tridecane                 | 184 | C13H28  | 000629-50-5 | 76   |
| 5    |    |   | Decane, 3-methyl-         | 156 | C11H24  | 013151-34-3 | 74   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\  
Data File : BN009889.D  
Acq On : 25 Feb 2020 07:52  
Operator : CG/JU  
Sample : L1418-06DL 30X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION

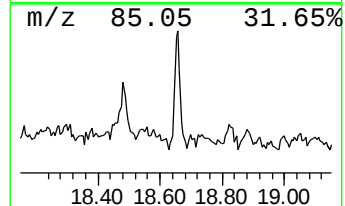
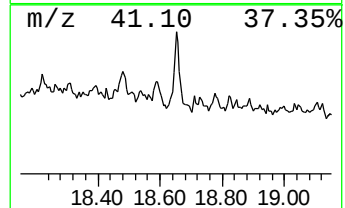
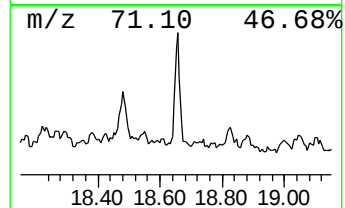
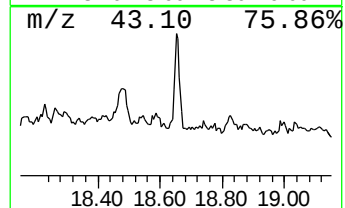
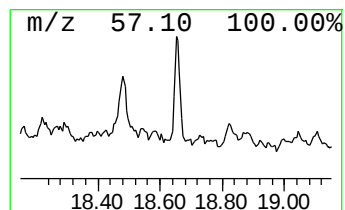
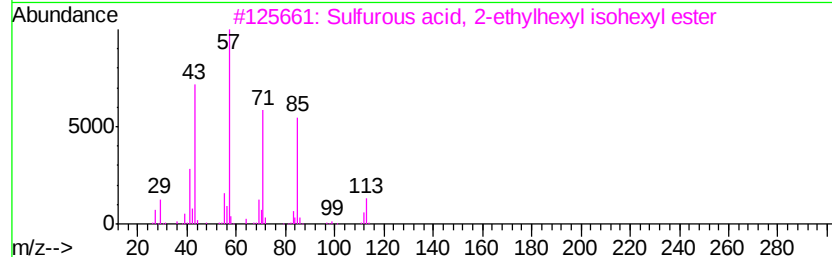
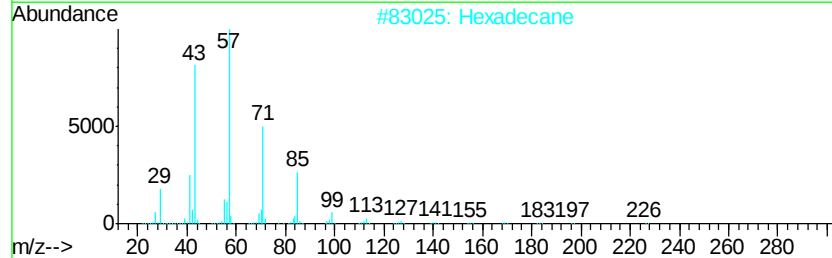
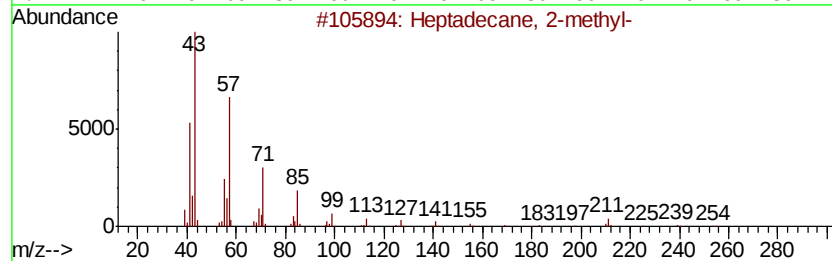
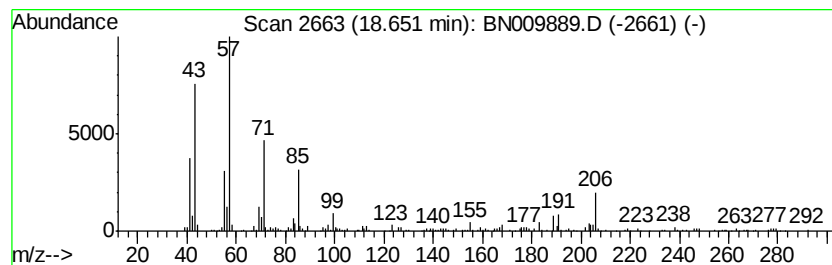
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.65 | 4.53 ng/ul | 269165 | Phenanthrene-d10 | 16.79 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Heptadecane, 2-methyl-              | 254 | C18H38    | 001560-89-0  | 62   |
| 2    |    |   | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 58   |
| 3    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 53   |
| 4    |    |   | Tridecane, 7-propyl-                | 226 | C16H34    | 055045-09-5  | 49   |
| 5    |    |   | Undecane, 3,6-dimethyl-             | 184 | C13H28    | 017301-28-9  | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022420\  
 Data File : BN009889.D  
 Acq On : 25 Feb 2020 07:52  
 Operator : CG/JU  
 Sample : L1418-06DL 30X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C5AT7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown-01           | 7.31  | 2.3     | ng/ul | 74779    | 1                     | 7.39  | 653308  | 20.0 |
| (DEL) Alkane: Str... | 7.93  | 3.8     | ng/ul | 124488   | 1                     | 7.39  | 653308  | 20.0 |
| Bicyclo[3.1.1]hep... | 8.25  | 2.9     | ng/ul | 93611    | 1                     | 7.39  | 653308  | 20.0 |
| (DEL) Alkane: Str... | 8.46  | 7.2     | ng/ul | 235109   | 1                     | 7.39  | 653308  | 20.0 |
| 1-Undecene, 11-ni... | 8.71  | 3.6     | ng/ul | 117619   | 1                     | 7.39  | 653308  | 20.0 |
| 1-Methyldecahydro... | 9.32  | 4.4     | ng/ul | 223168   | 2                     | 10.13 | 1024340 | 20.0 |
| 1,3,6-Trimethylad... | 10.32 | 2.1     | ng/ul | 108400   | 2                     | 10.13 | 1024340 | 20.0 |
| (DEL) Alkane: Str... | 11.18 | 7.0     | ng/ul | 360962   | 2                     | 10.13 | 1024340 | 20.0 |
| (DEL) Alkane: Str... | 11.42 | 2.4     | ng/ul | 124559   | 2                     | 10.13 | 1024340 | 20.0 |
| (DEL) Alkane: Str... | 11.59 | 2.5     | ng/ul | 130242   | 2                     | 10.13 | 1024340 | 20.0 |
| (DEL) Alkane: Str... | 12.57 | 9.3     | ng/ul | 642228   | 3                     | 14.03 | 1373220 | 20.0 |
| Decahydro-4,4,8,9... | 12.79 | 6.2     | ng/ul | 427794   | 3                     | 14.03 | 1373220 | 20.0 |
| (DEL) Alkane: Str... | 12.86 | 5.2     | ng/ul | 355795   | 3                     | 14.03 | 1373220 | 20.0 |
| Naphthalene, deca... | 13.34 | 3.6     | ng/ul | 244348   | 3                     | 14.03 | 1373220 | 20.0 |
| unknown-02           | 13.44 | 30.3    | ng/ul | 2081310  | 3                     | 14.03 | 1373220 | 20.0 |
| (DEL) Alkane: Str... | 13.54 | 19.3    | ng/ul | 1324140  | 3                     | 14.03 | 1373220 | 20.0 |
| (DEL) Alkane: Str... | 13.96 | 4.5     | ng/ul | 306940   | 3                     | 14.03 | 1373220 | 20.0 |
| Oxalic acid, cycl... | 14.58 | 8.6     | ng/ul | 586949   | 3                     | 14.03 | 1373220 | 20.0 |
| (DEL) Alkane: Str... | 14.92 | 8.3     | ng/ul | 572990   | 3                     | 14.03 | 1373220 | 20.0 |
| Benzene, 1,2,4-tr... | 14.99 | 2.3     | ng/ul | 155368   | 3                     | 14.03 | 1373220 | 20.0 |
| unknown-03           | 15.05 | 4.8     | ng/ul | 328017   | 3                     | 14.03 | 1373220 | 20.0 |
| (DEL) Alkane: Str... | 15.33 | 19.5    | ng/ul | 1336510  | 3                     | 14.03 | 1373220 | 20.0 |
| (DEL) Alkane: Cyc... | 15.53 | 4.5     | ng/ul | 265457   | 4                     | 16.79 | 1187740 | 20.0 |
| (DEL) Alkane: Str... | 15.82 | 75.4    | ng/ul | 4475280  | 4                     | 16.79 | 1187740 | 20.0 |
| (DEL) Alkane: Str... | 16.58 | 10.7    | ng/ul | 634451   | 4                     | 16.79 | 1187740 | 20.0 |
| (DEL) Alkane: Str... | 16.63 | 25.3    | ng/ul | 1500510  | 4                     | 16.79 | 1187740 | 20.0 |
| (DEL) Alkane: Str... | 17.23 | 5.4     | ng/ul | 320410   | 4                     | 16.79 | 1187740 | 20.0 |
| (DEL) Alkane: Str... | 17.32 | 5.5     | ng/ul | 328548   | 4                     | 16.79 | 1187740 | 20.0 |
| (DEL) Alkane: Str... | 18.01 | 5.6     | ng/ul | 333784   | 4                     | 16.79 | 1187740 | 20.0 |
| (DEL) Alkane: Str... | 18.65 | 4.5     | ng/ul | 269165   | 4                     | 16.79 | 1187740 | 20.0 |