

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
 Data File : BP004319.D  
 Acq On : 16 Dec 2020 12:08  
 Operator : CG/JU  
 Sample : L5071-12  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A54K2

## 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\_P\METHODS\SOM-EPA-BP121020MA.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      | 5.893    | 455        | 460      | 462       | rBV   | 171015      | 261456     | 3.03%        | 0.336%     |
| 2      | 5.922    | 462        | 465      | 474       | rVB   | 178038      | 265951     | 3.08%        | 0.342%     |
| 3      | 6.487    | 557        | 561      | 565       | rVB3  | 36564       | 51976      | 0.60%        | 0.067%     |
| 4      | 6.834    | 617        | 620      | 625       | rVB3  | 19993       | 28250      | 0.33%        | 0.036%     |
| 5      | 6.999    | 643        | 648      | 651       | rBV   | 200334      | 344497     | 3.99%        | 0.443%     |
| 6      | 7.169    | 671        | 677      | 686       | rBV   | 739433      | 1214124    | 14.07%       | 1.561%     |
| 7      | 7.369    | 705        | 711      | 718       | rBV   | 827762      | 1344329    | 15.58%       | 1.729%     |
| 8      | 7.434    | 718        | 722      | 731       | rVB   | 39290       | 63771      | 0.74%        | 0.082%     |
| 9      | 7.611    | 750        | 752      | 760       | rVB4  | 11866       | 22519      | 0.26%        | 0.029%     |
| 10     | 7.840    | 784        | 791      | 796       | rBV   | 840469      | 1367037    | 15.84%       | 1.758%     |
| 11     | 7.899    | 796        | 801      | 809       | rVB2  | 93335       | 177377     | 2.06%        | 0.228%     |
| 12     | 7.987    | 813        | 816      | 820       | rVB4  | 14042       | 19051      | 0.22%        | 0.025%     |
| 13     | 8.075    | 825        | 831      | 836       | rBV   | 78562       | 139969     | 1.62%        | 0.180%     |
| 14     | 8.446    | 890        | 894      | 899       | rBV2  | 34748       | 54839      | 0.64%        | 0.071%     |
| 15     | 8.540    | 903        | 910      | 920       | rVV   | 617369      | 1031740    | 11.96%       | 1.327%     |
| 16     | 8.652    | 920        | 929      | 935       | rVB5  | 43128       | 131245     | 1.52%        | 0.169%     |
| 17     | 8.928    | 970        | 976      | 981       | rBV   | 347867      | 565770     | 6.56%        | 0.728%     |
| 18     | 8.993    | 981        | 987      | 998       | rVV   | 975826      | 1645644    | 19.07%       | 2.116%     |
| 19     | 9.087    | 998        | 1003     | 1004      | rVV4  | 19806       | 29872      | 0.35%        | 0.038%     |
| 20     | 9.110    | 1004       | 1007     | 1010      | rVV   | 43370       | 65527      | 0.76%        | 0.084%     |
| 21     | 9.158    | 1010       | 1015     | 1025      | rVB   | 429158      | 682728     | 7.91%        | 0.878%     |
| 22     | 9.381    | 1049       | 1053     | 1056      | rBV2  | 7946        | 13208      | 0.15%        | 0.017%     |
| 23     | 9.422    | 1057       | 1060     | 1065      | rVB4  | 15534       | 24775      | 0.29%        | 0.032%     |
| 24     | 9.552    | 1077       | 1082     | 1090      | rVB3  | 41905       | 70216      | 0.81%        | 0.090%     |
| 25     | 9.716    | 1102       | 1110     | 1124      | rBV   | 810992      | 1391534    | 16.13%       | 1.790%     |
| 26     | 9.887    | 1130       | 1139     | 1145      | rVV3  | 137603      | 337510     | 3.91%        | 0.434%     |
| 27     | 9.946    | 1145       | 1149     | 1160      | rVB9  | 24724       | 56277      | 0.65%        | 0.072%     |
| 28     | 10.052   | 1162       | 1167     | 1171      | rBV8  | 7764        | 14480      | 0.17%        | 0.019%     |
| 29     | 10.110   | 1171       | 1177     | 1187      | rVB2  | 71069       | 180122     | 2.09%        | 0.232%     |
| 30     | 10.252   | 1194       | 1201     | 1222      | rBV   | 1189044     | 2071346    | 24.01%       | 2.664%     |
| 31     | 10.416   | 1223       | 1229     | 1237      | rVV3  | 41112       | 78938      | 0.91%        | 0.102%     |
| 32     | 10.493   | 1237       | 1242     | 1245      | rVV6  | 11443       | 21975      | 0.25%        | 0.028%     |
| 33     | 10.540   | 1245       | 1250     | 1258      | rVB2  | 55096       | 101815     | 1.18%        | 0.131%     |
| 34     | 10.634   | 1258       | 1266     | 1271      | rBV   | 1185536     | 2114216    | 24.51%       | 2.719%     |

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 Peak Location: TOP

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 10.669 | 1271 | 1272 | 1281 | rVV  | 279005  | 354328  | 4.11%  | 0.456% |
| 36 | 10.769 | 1282 | 1289 | 1298 | rVB  | 88421   | 161168  | 1.87%  | 0.207% |
| 37 | 10.928 | 1308 | 1316 | 1323 | rBV4 | 44209   | 93626   | 1.09%  | 0.120% |
| 38 | 10.993 | 1323 | 1327 | 1331 | rBV4 | 8914    | 18255   | 0.21%  | 0.023% |
| 39 | 11.169 | 1350 | 1357 | 1363 | rBV3 | 22025   | 37954   | 0.44%  | 0.049% |
| 40 | 11.228 | 1363 | 1367 | 1372 | rVV2 | 10762   | 18117   | 0.21%  | 0.023% |
| 41 | 11.281 | 1372 | 1376 | 1385 | rVB  | 25325   | 50123   | 0.58%  | 0.064% |
| 42 | 11.381 | 1388 | 1393 | 1395 | rBV5 | 7302    | 13214   | 0.15%  | 0.017% |
| 43 | 11.422 | 1396 | 1400 | 1410 | rVV7 | 16761   | 35185   | 0.41%  | 0.045% |
| 44 | 11.804 | 1455 | 1465 | 1470 | rBV3 | 26159   | 50353   | 0.58%  | 0.065% |
| 45 | 11.863 | 1470 | 1475 | 1482 | rVV3 | 16204   | 31269   | 0.36%  | 0.040% |
| 46 | 11.946 | 1484 | 1489 | 1499 | rVB5 | 11908   | 35519   | 0.41%  | 0.046% |
| 47 | 12.122 | 1515 | 1519 | 1525 | rVV4 | 9536    | 15051   | 0.17%  | 0.019% |
| 48 | 12.228 | 1528 | 1537 | 1542 | rBV  | 25250   | 45125   | 0.52%  | 0.058% |
| 49 | 12.451 | 1569 | 1575 | 1584 | rVB2 | 38450   | 69812   | 0.81%  | 0.090% |
| 50 | 12.699 | 1614 | 1617 | 1620 | rVV  | 20787   | 29108   | 0.34%  | 0.037% |
| 51 | 12.740 | 1620 | 1624 | 1633 | rVV  | 65953   | 105971  | 1.23%  | 0.136% |
| 52 | 12.840 | 1635 | 1641 | 1652 | rVV  | 297705  | 513116  | 5.95%  | 0.660% |
| 53 | 12.934 | 1652 | 1657 | 1661 | rVB  | 26908   | 41106   | 0.48%  | 0.053% |
| 54 | 13.087 | 1676 | 1683 | 1695 | rBV  | 441426  | 656114  | 7.60%  | 0.844% |
| 55 | 13.316 | 1718 | 1722 | 1726 | rBV3 | 15915   | 21382   | 0.25%  | 0.027% |
| 56 | 13.381 | 1726 | 1733 | 1742 | rBV3 | 1180501 | 2046402 | 23.72% | 2.632% |
| 57 | 13.581 | 1761 | 1767 | 1782 | rVV  | 108030  | 209858  | 2.43%  | 0.270% |
| 58 | 13.710 | 1784 | 1789 | 1791 | rVV5 | 11138   | 17339   | 0.20%  | 0.022% |
| 59 | 13.746 | 1791 | 1795 | 1800 | rVV  | 37686   | 56033   | 0.65%  | 0.072% |
| 60 | 13.893 | 1813 | 1820 | 1824 | rVV  | 2337535 | 3360710 | 38.95% | 4.322% |
| 61 | 13.934 | 1824 | 1827 | 1837 | rVV  | 207805  | 292746  | 3.39%  | 0.376% |
| 62 | 14.016 | 1837 | 1841 | 1848 | rVV2 | 52485   | 74455   | 0.86%  | 0.096% |
| 63 | 14.175 | 1854 | 1868 | 1882 | rBV  | 2821069 | 4303055 | 49.88% | 5.534% |
| 64 | 14.340 | 1889 | 1896 | 1901 | rBV  | 58806   | 92835   | 1.08%  | 0.119% |
| 65 | 14.487 | 1914 | 1921 | 1930 | rVV2 | 1790226 | 2736540 | 31.72% | 3.519% |
| 66 | 14.569 | 1930 | 1935 | 1939 | rVB6 | 13502   | 20382   | 0.24%  | 0.026% |
| 67 | 14.681 | 1949 | 1954 | 1961 | rBV  | 231682  | 362513  | 4.20%  | 0.466% |
| 68 | 14.740 | 1961 | 1964 | 1971 | rVB  | 19938   | 29797   | 0.35%  | 0.038% |
| 69 | 14.904 | 1985 | 1992 | 1997 | rBV  | 9245    | 19092   | 0.22%  | 0.025% |
| 70 | 15.081 | 2018 | 2022 | 2025 | rBV3 | 15760   | 20076   | 0.23%  | 0.026% |
| 71 | 15.187 | 2032 | 2040 | 2043 | rBV6 | 11661   | 21930   | 0.25%  | 0.028% |

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## Integration Parameters: LSCINT.P

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 Sampling : 1  
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 Stop Thrs : 0

Filtering: 5  
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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |       |         |         |         |         |
|-----|--------|------|------|------|-------|---------|---------|---------|---------|
| 72  | 15.228 | 2043 | 2047 | 2053 | rVB   | 26481   | 36920   | 0.43%   | 0.047%  |
| 73  | 15.304 | 2053 | 2060 | 2065 | rBV2  | 123592  | 193742  | 2.25%   | 0.249%  |
| 74  | 15.410 | 2072 | 2078 | 2081 | rBV4  | 9945    | 14889   | 0.17%   | 0.019%  |
| 75  | 15.481 | 2083 | 2090 | 2101 | rBV   | 3566064 | 5342344 | 61.92%  | 6.871%  |
| 76  | 15.610 | 2106 | 2112 | 2126 | rVV2  | 1699702 | 2620189 | 30.37%  | 3.370%  |
| 77  | 15.722 | 2126 | 2131 | 2138 | rVV2  | 49829   | 93775   | 1.09%   | 0.121%  |
| 78  | 15.851 | 2147 | 2153 | 2160 | rVB   | 40750   | 65000   | 0.75%   | 0.084%  |
| 79  | 16.063 | 2181 | 2189 | 2194 | rBV10 | 16594   | 32249   | 0.37%   | 0.041%  |
| 80  | 16.181 | 2202 | 2209 | 2213 | rBV4  | 15774   | 29131   | 0.34%   | 0.037%  |
| 81  | 16.269 | 2218 | 2224 | 2231 | rVB6  | 18493   | 35418   | 0.41%   | 0.046%  |
| 82  | 17.034 | 2345 | 2354 | 2361 | rBV5  | 12854   | 33364   | 0.39%   | 0.043%  |
| 83  | 17.245 | 2383 | 2390 | 2397 | rBV   | 2194600 | 3245196 | 37.61%  | 4.174%  |
| 84  | 17.345 | 2400 | 2407 | 2419 | rBV2  | 4462459 | 6557426 | 76.01%  | 8.433%  |
| 85  | 17.481 | 2426 | 2430 | 2436 | rBV9  | 12284   | 26575   | 0.31%   | 0.034%  |
| 86  | 17.557 | 2440 | 2443 | 2450 | rVV   | 79479   | 131723  | 1.53%   | 0.169%  |
| 87  | 17.645 | 2454 | 2458 | 2467 | rVB10 | 16478   | 34697   | 0.40%   | 0.045%  |
| 88  | 17.916 | 2498 | 2504 | 2518 | rBV   | 1229136 | 1526944 | 17.70%  | 1.964%  |
| 89  | 18.139 | 2538 | 2542 | 2547 | rBV4  | 26914   | 42065   | 0.49%   | 0.054%  |
| 90  | 18.204 | 2549 | 2553 | 2558 | rVB   | 23512   | 32782   | 0.38%   | 0.042%  |
| 91  | 18.339 | 2572 | 2576 | 2581 | rBV4  | 14807   | 27450   | 0.32%   | 0.035%  |
| 92  | 18.975 | 2679 | 2684 | 2692 | rBV   | 171174  | 302826  | 3.51%   | 0.389%  |
| 93  | 19.233 | 2724 | 2728 | 2731 | rBV   | 61122   | 80546   | 0.93%   | 0.104%  |
| 94  | 19.281 | 2732 | 2736 | 2741 | rVB   | 268412  | 303018  | 3.51%   | 0.390%  |
| 95  | 19.475 | 2766 | 2769 | 2779 | rBV   | 51900   | 94968   | 1.10%   | 0.122%  |
| 96  | 19.586 | 2782 | 2788 | 2798 | rBV   | 5950709 | 8273480 | 95.90%  | 10.640% |
| 97  | 21.057 | 3035 | 3038 | 3045 | rBV4  | 113568  | 173045  | 2.01%   | 0.223%  |
| 98  | 21.339 | 3081 | 3086 | 3093 | rBV   | 2960953 | 3811622 | 44.18%  | 4.902%  |
| 99  | 23.557 | 3456 | 3463 | 3479 | rVB   | 4135440 | 8627565 | 100.00% | 11.096% |
| 100 | 23.710 | 3483 | 3489 | 3498 | rVB   | 1988679 | 3921925 | 45.46%  | 5.044%  |

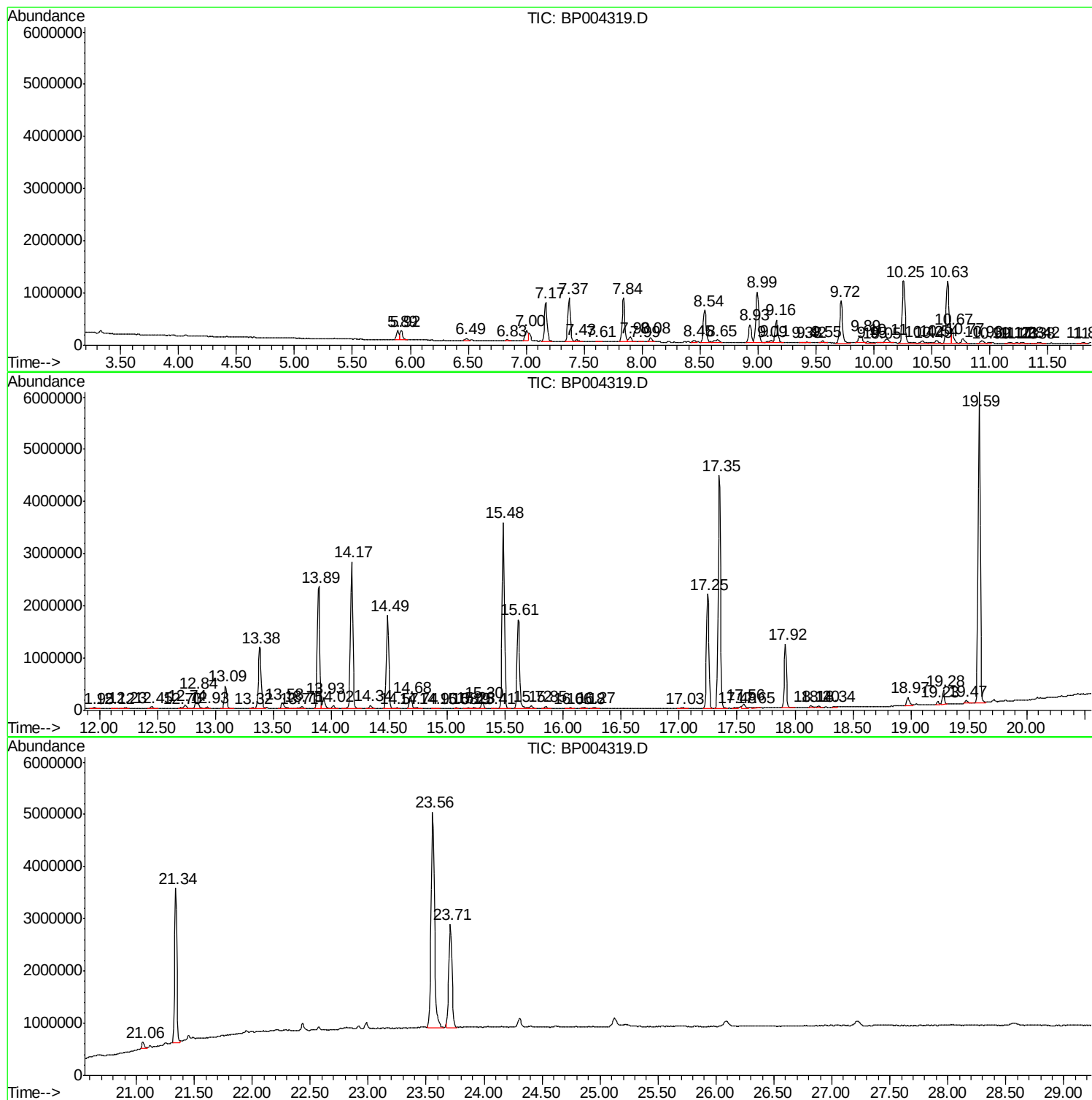
Sum of corrected areas: 77754617

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.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\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

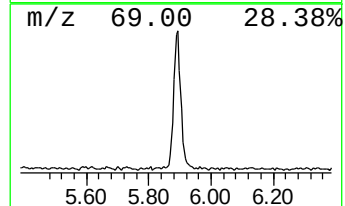
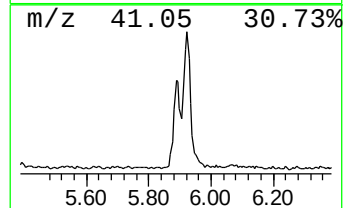
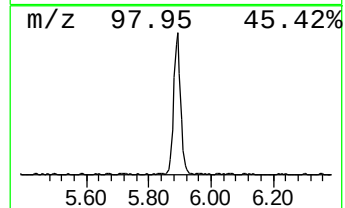
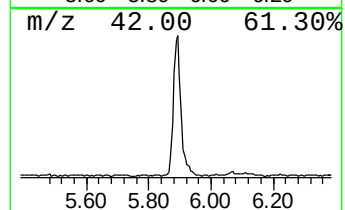
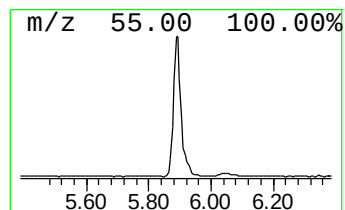
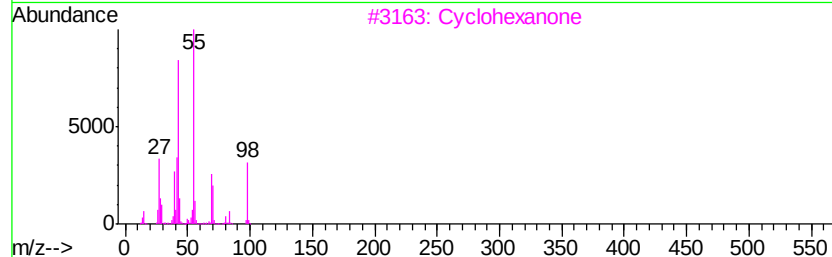
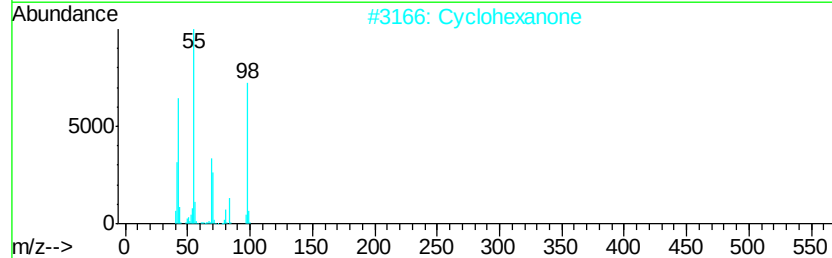
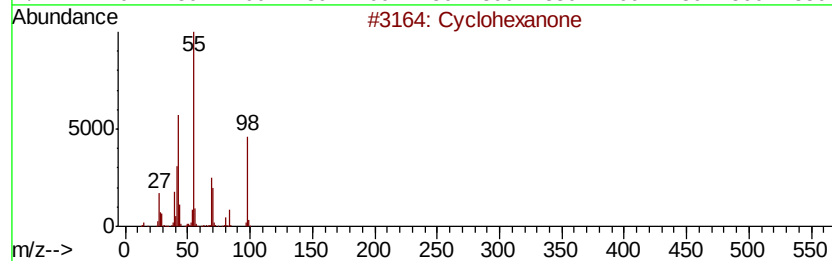
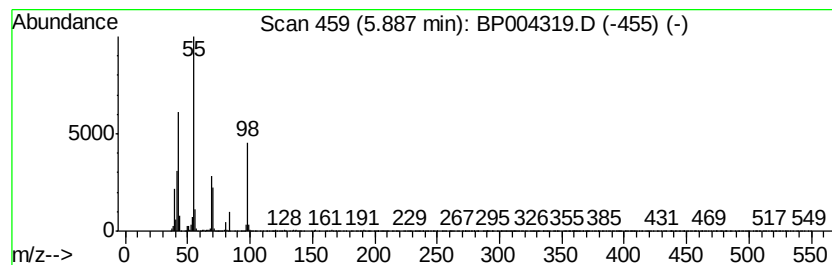
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclohexanone Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 5.89 | 3.83 ng/ul | 261456 | 1,4-Dichlorobenzene-d4 | 7.84 |

| Hit# | of | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---------------------------|----|---------|-------------|------|
| 1    | 5  | Cyclohexanone             | 98 | C6H10O  | 000108-94-1 | 94   |
| 2    |    | Cyclohexanone             | 98 | C6H10O  | 000108-94-1 | 93   |
| 3    |    | Cyclohexanone             | 98 | C6H10O  | 000108-94-1 | 91   |
| 4    |    | Cyclohexanone             | 98 | C6H10O  | 000108-94-1 | 83   |
| 5    |    | Cyclopentanone, 2-methyl- | 98 | C6H10O  | 001120-72-5 | 50   |



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Quant Title : SVOA CALIBRATION

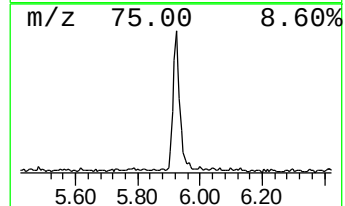
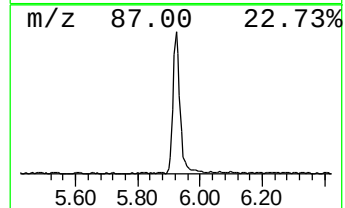
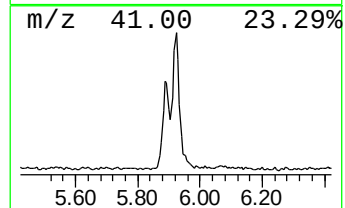
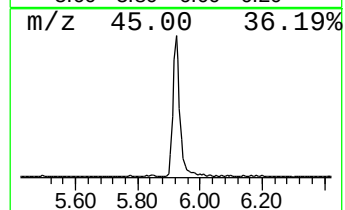
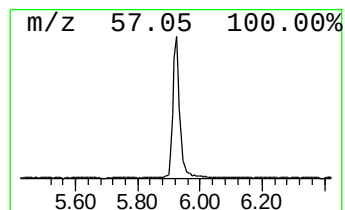
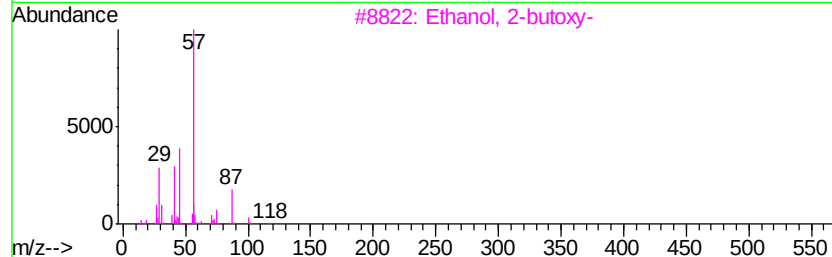
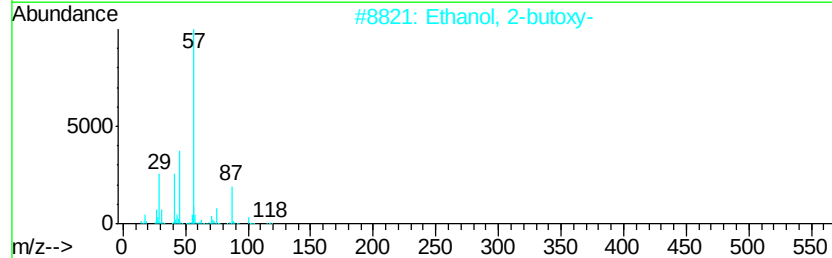
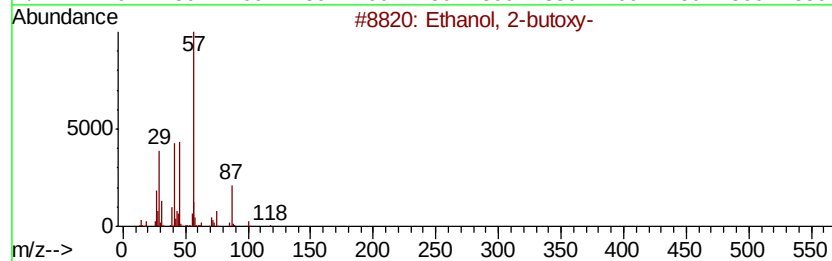
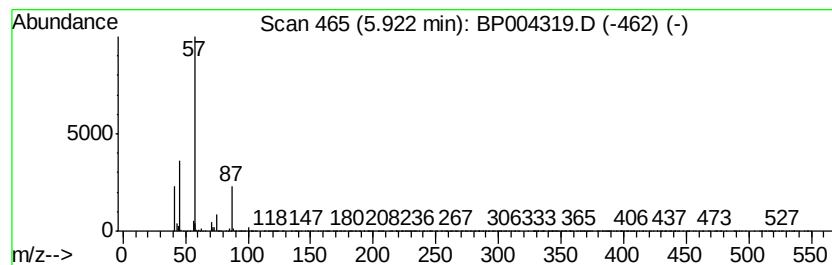
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 6

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 5.92 | 3.89 ng/ul | 265951 | 1,4-Dichlorobenzene-d4 | 7.84 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Ethanol, 2-butoxy-                  | 118 | C6H14O2  | 000111-76-2 | 72   |
| 2    |    | Ethanol, 2-butoxy-                  | 118 | C6H14O2  | 000111-76-2 | 43   |
| 3    |    | Ethanol, 2-butoxy-                  | 118 | C6H14O2  | 000111-76-2 | 43   |
| 4    |    | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O   | 000464-07-3 | 33   |
| 5    |    | 1,3-Propanediol, 2-methyl-, dipr... | 202 | C10H18O4 | 054932-83-1 | 12   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

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Quant Title : SVOA CALIBRATION

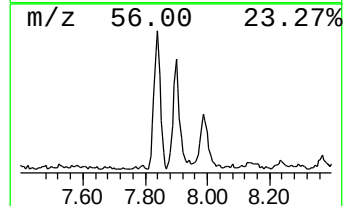
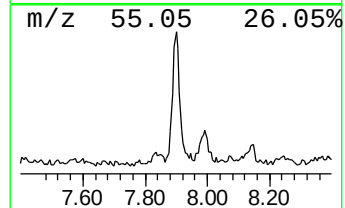
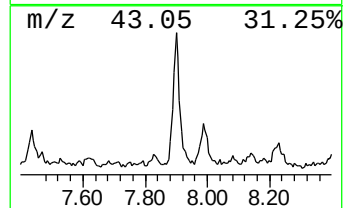
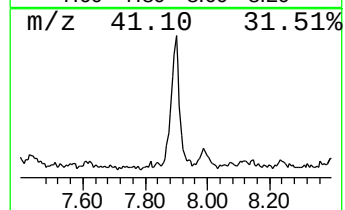
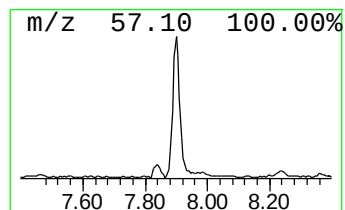
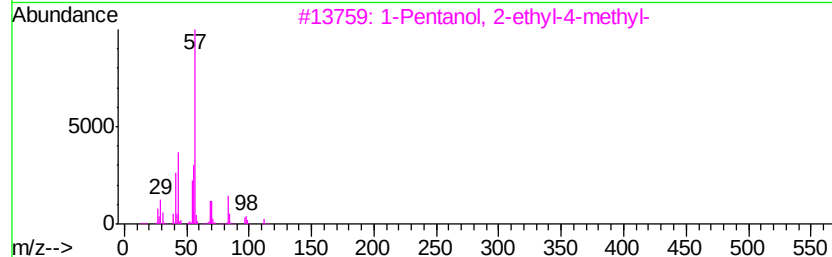
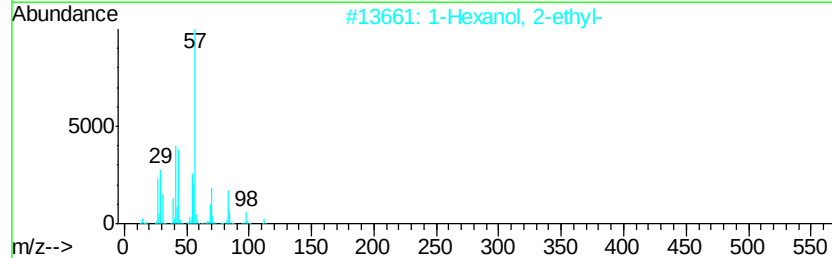
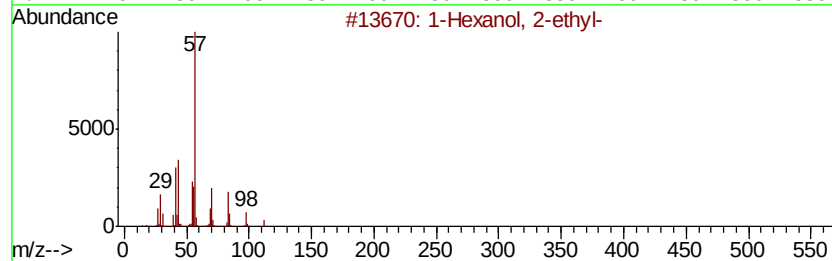
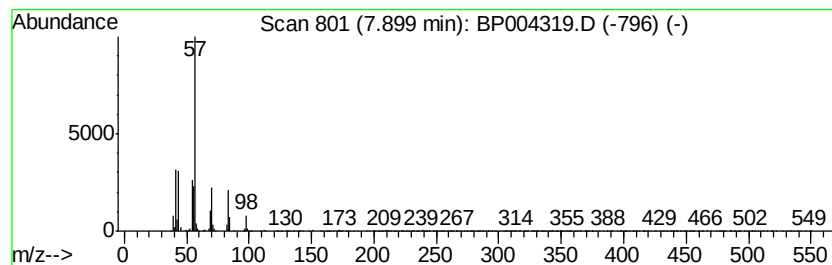
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 10

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.90 | 2.60 ng/ul | 177377 | 1,4-Dichlorobenzene-d4 | 7.84 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O   | 000104-76-7  | 78   |
| 2    |    | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O   | 000104-76-7  | 78   |
| 3    |    | 1-Pentanol, 2-ethyl-4-methyl-       | 130 | C8H18O   | 000106-67-2  | 64   |
| 4    |    | Carbonic acid, isobutyl 2-ethylh... | 230 | C13H26O3 | 1000357-82-9 | 53   |
| 5    |    | Heptyl isobutyl carbonate           | 216 | C12H24O3 | 959068-08-7  | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

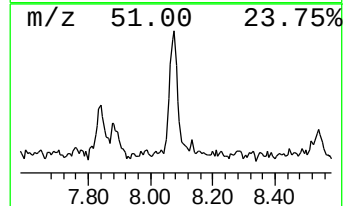
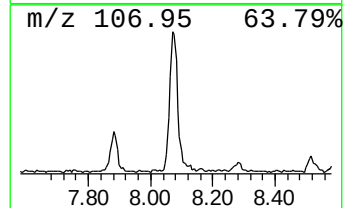
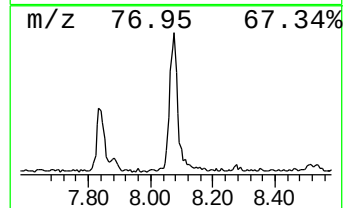
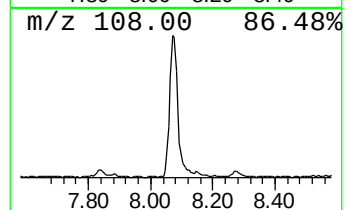
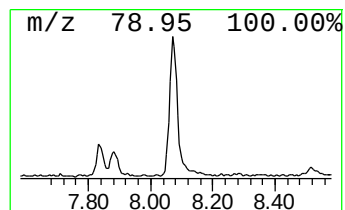
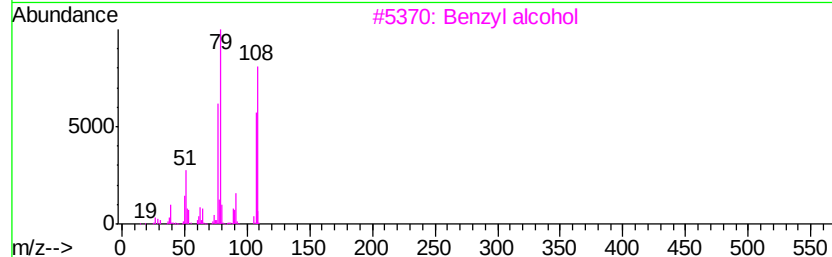
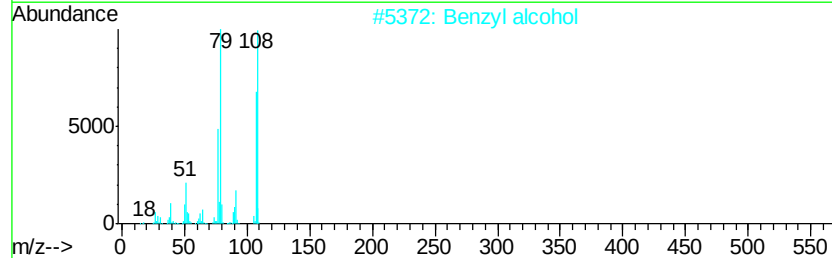
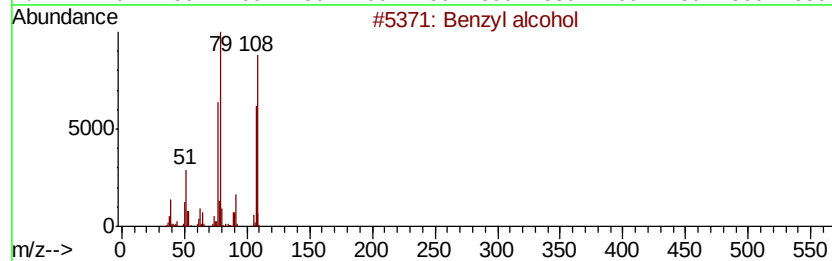
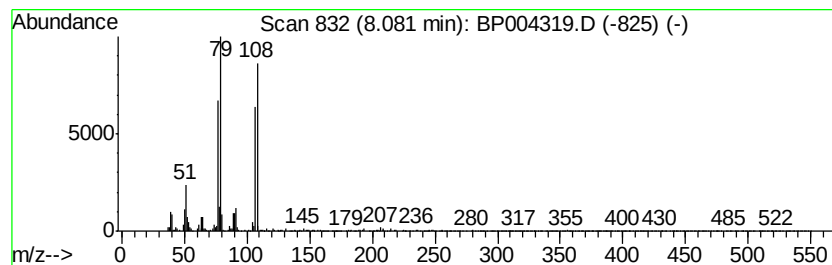
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzyl alcohol Concentration Rank 11

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.08 | 2.05 ng/ul | 139969 | 1,4-Dichlorobenzene-d4 | 7.84 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Benzyl alcohol                      | 108 | C7H8O      | 000100-51-6 | 94   |
| 2    |    | Benzyl alcohol                      | 108 | C7H8O      | 000100-51-6 | 94   |
| 3    |    | Benzyl alcohol                      | 108 | C7H8O      | 000100-51-6 | 94   |
| 4    |    | Benzyl alcohol                      | 108 | C7H8O      | 000100-51-6 | 94   |
| 5    |    | N-Cbz-glycylglycine p-nitropheny... | 387 | C18H17N3O7 | 013574-81-7 | 91   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

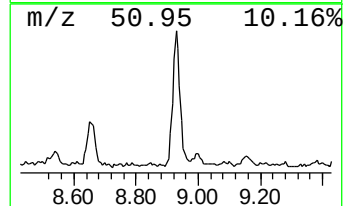
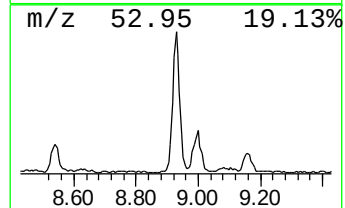
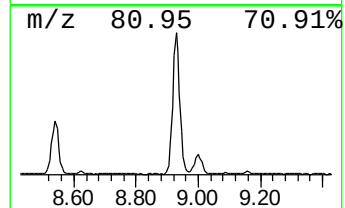
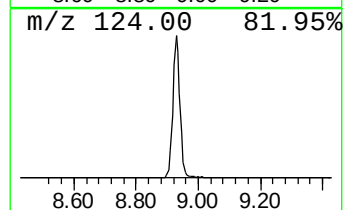
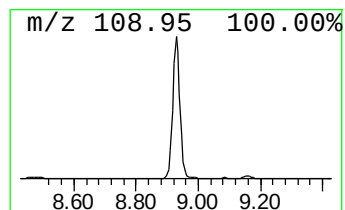
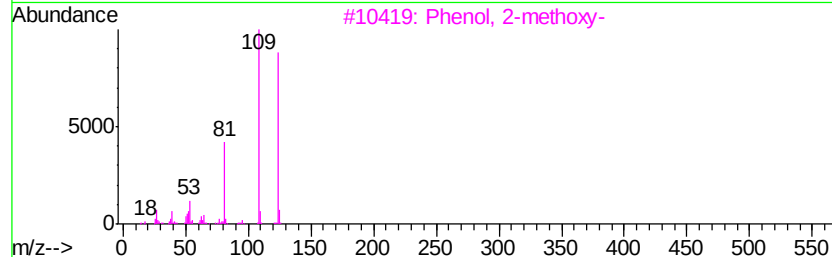
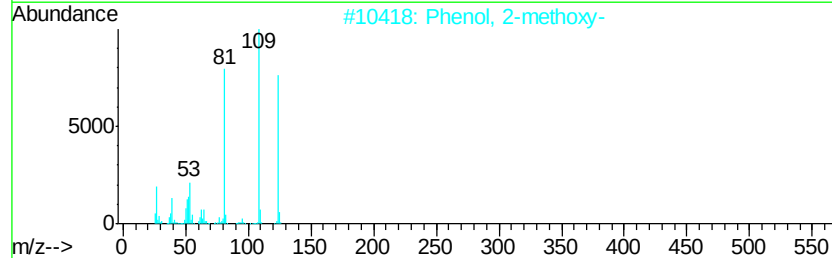
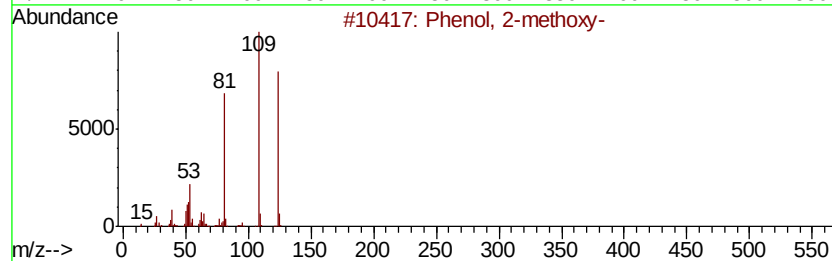
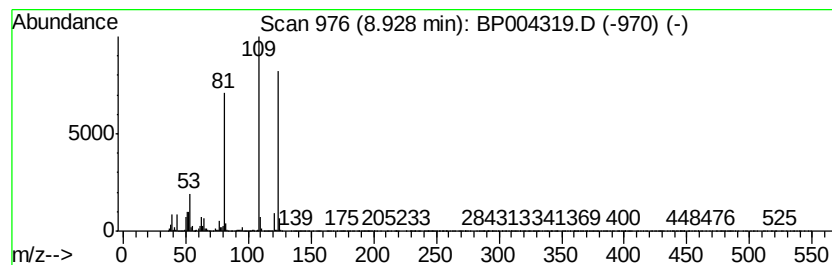
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Phenol, 2-methoxy- Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.93 | 8.28 ng/ul | 565770 | 1,4-Dichlorobenzene-d4 | 7.84 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenol, 2-methoxy-     | 124 | C7H8O2  | 000090-05-1 | 96   |
| 2    |    | Phenol, 2-methoxy-     | 124 | C7H8O2  | 000090-05-1 | 90   |
| 3    |    | Phenol, 2-methoxy-     | 124 | C7H8O2  | 000090-05-1 | 90   |
| 4    |    | Phenol, 2-methoxy-     | 124 | C7H8O2  | 000090-05-1 | 87   |
| 5    |    | 2-Acetyl-5-methylfuran | 124 | C7H8O2  | 001193-79-9 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

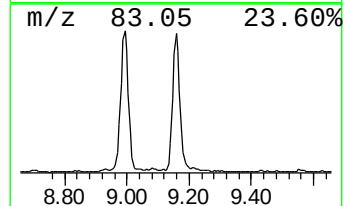
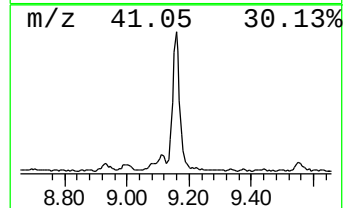
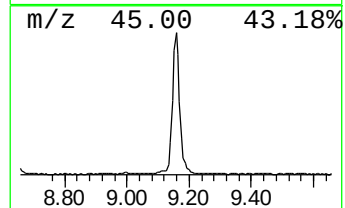
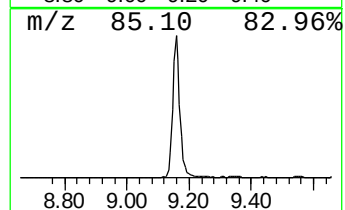
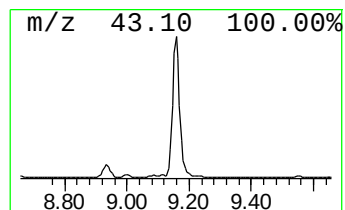
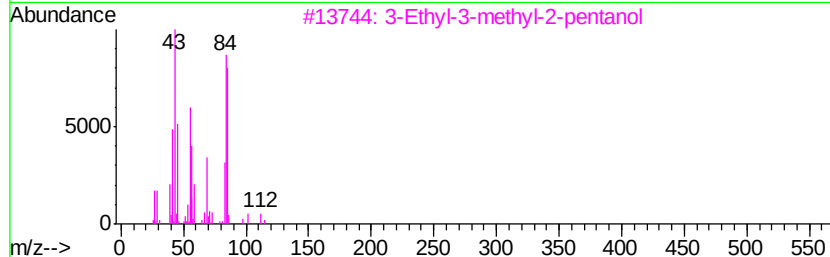
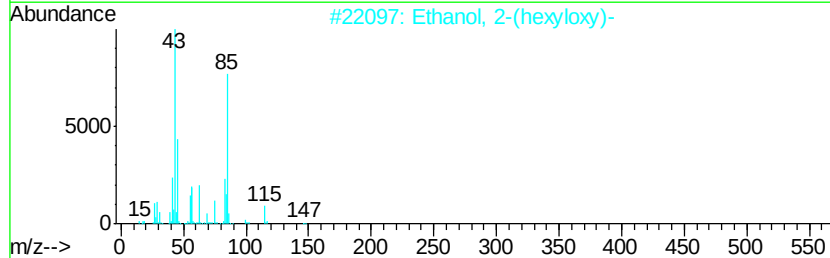
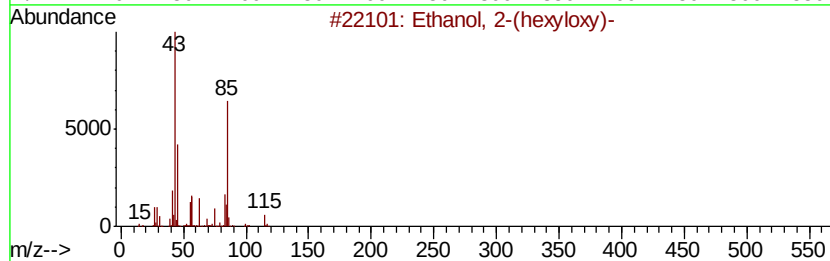
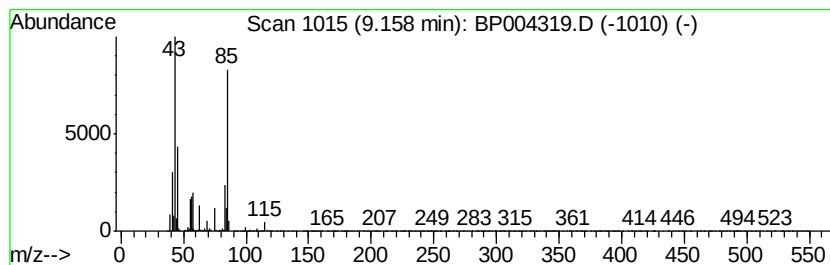
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Ethanol, 2-(hexyloxy)- Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 9.16 | 9.99 ng/ul | 682728 | 1,4-Dichlorobenzene-d4 | 7.84 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Ethanol, 2-(hexyloxy)-         | 146 | C8H18O2 | 000112-25-4 | 86   |
| 2    |    | Ethanol, 2-(hexyloxy)-         | 146 | C8H18O2 | 000112-25-4 | 83   |
| 3    |    | 3-Ethyl-3-methyl-2-pentanol    | 130 | C8H18O  | 066576-22-5 | 56   |
| 4    |    | Ethanol, 2-(hexyloxy)-         | 146 | C8H18O2 | 000112-25-4 | 53   |
| 5    |    | Hexane, 1-(hexyloxy)-2-methyl- | 200 | C13H28O | 074421-17-3 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

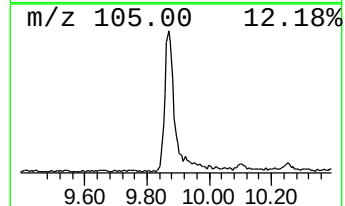
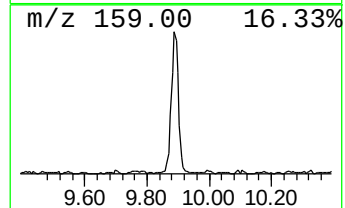
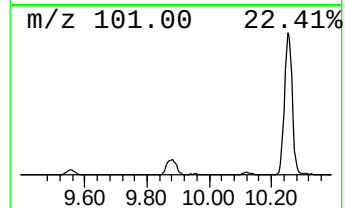
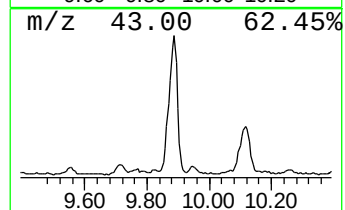
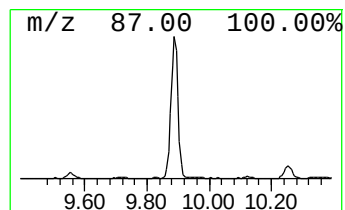
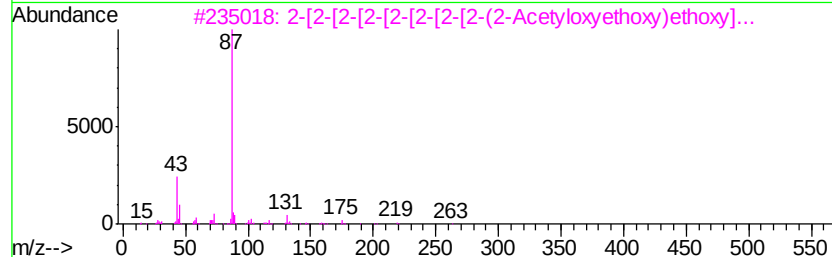
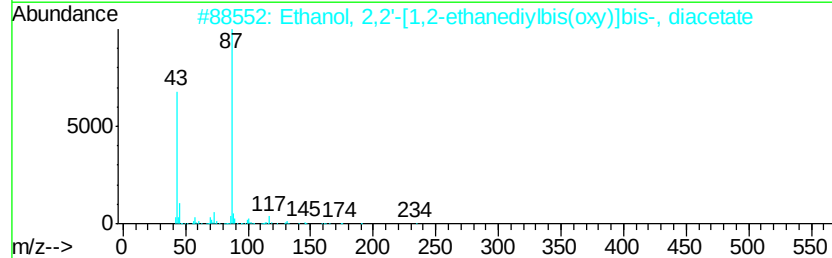
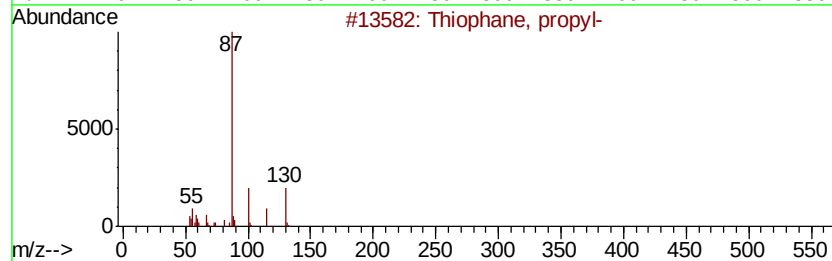
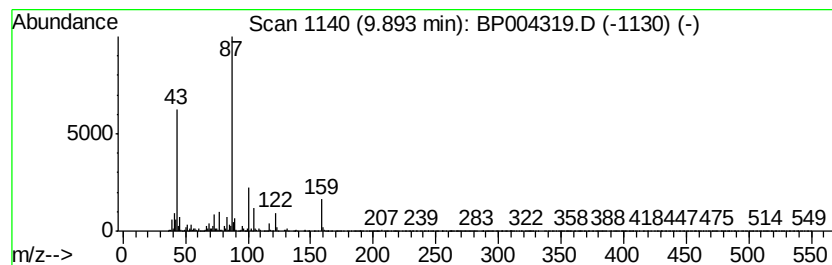
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Thiophane, propyl- Concentration Rank 9

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.89 | 3.19 ng/ul | 337510 | Naphthalene-d8   | 10.63 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Thiophane, propyl-                  | 130 | C7H14S    | 001551-34-4  | 50   |
| 2    |    | Ethanol, 2,2'-[1,2-ethanediylbis... | 234 | C10H18O6  | 000111-21-7  | 47   |
| 3    |    | 2-[2-[2-[2-[2-[2-[2-(2-Acetyl...    | 498 | C22H42O12 | 1000351-90-5 | 47   |
| 4    |    | 2-[2-[2-[2-[2-[2-(2-Acetyloxy...    | 454 | C20H38O11 | 1000351-90-6 | 47   |
| 5    |    | Ethyl acetoacetate ethylene acetal  | 174 | C8H14O4   | 006413-10-1  | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

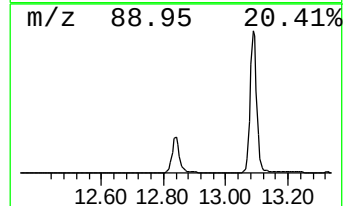
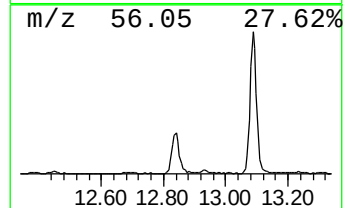
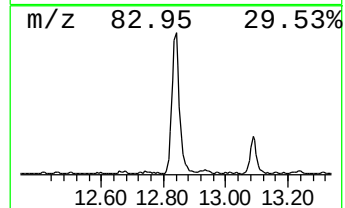
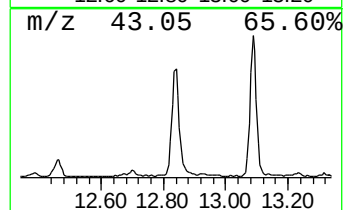
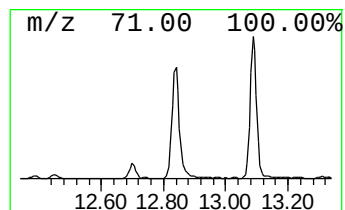
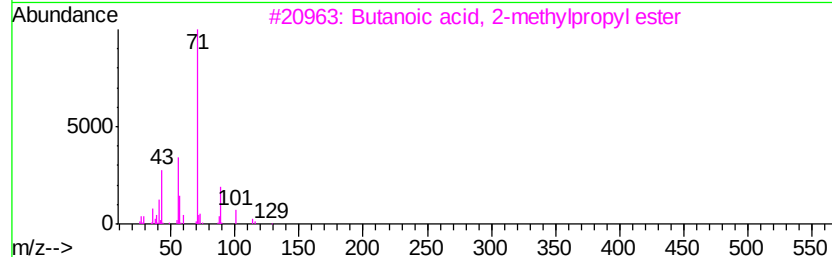
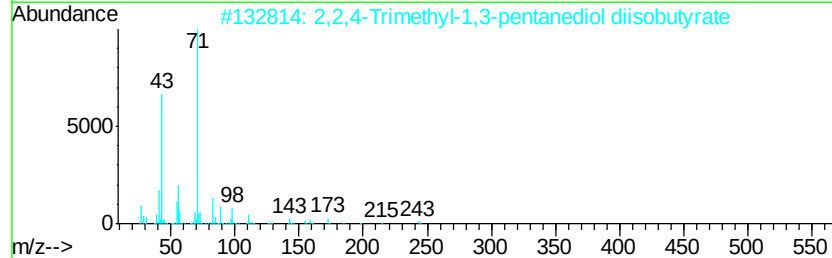
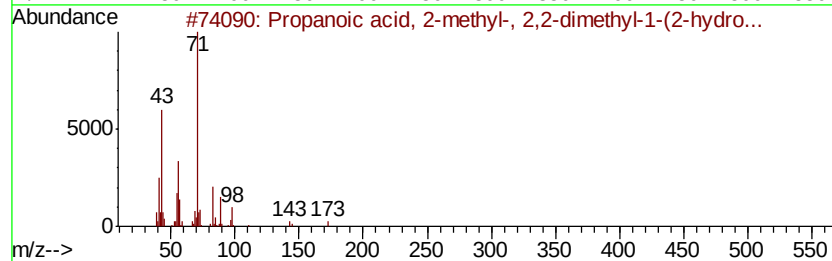
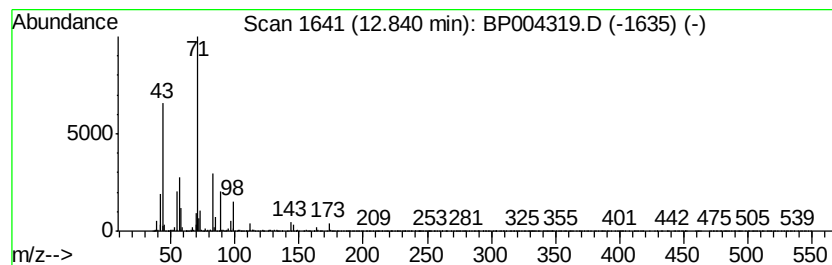
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Propanoic acid, 2-methyl-, ... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.84 | 3.75 ng/ul | 513116 | Acenaphthene-d10 | 14.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Propanoic acid, 2-methyl-, 2,2-d... | 216 | C12H24O3 | 074367-33-2 | 78   |
| 2    |    | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4 | 006846-50-0 | 59   |
| 3    |    | Butanoic acid, 2-methylpropyl ester | 144 | C8H16O2  | 000539-90-2 | 42   |
| 4    |    | Butanoic acid, 1-methylethyl ester  | 130 | C7H14O2  | 000638-11-9 | 38   |
| 5    |    | Isophytol                           | 296 | C20H40O  | 000505-32-8 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

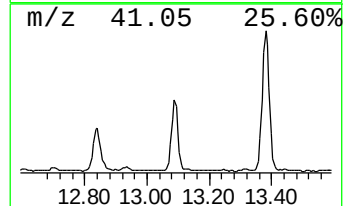
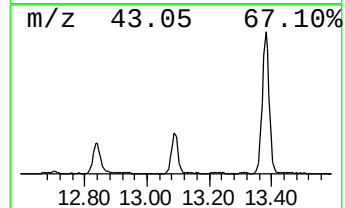
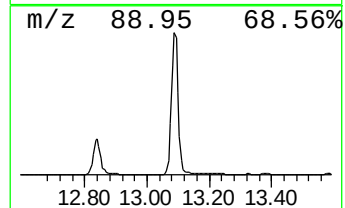
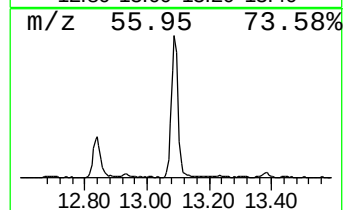
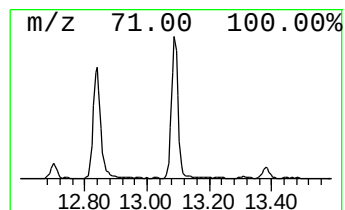
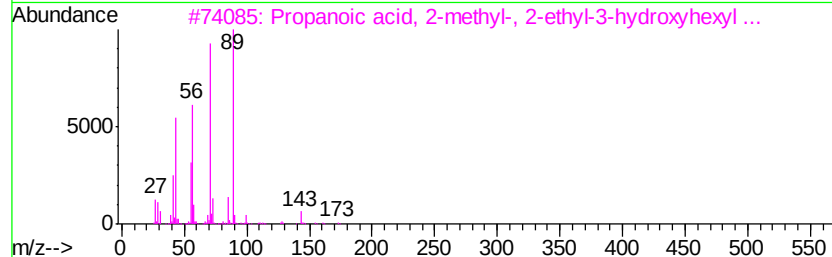
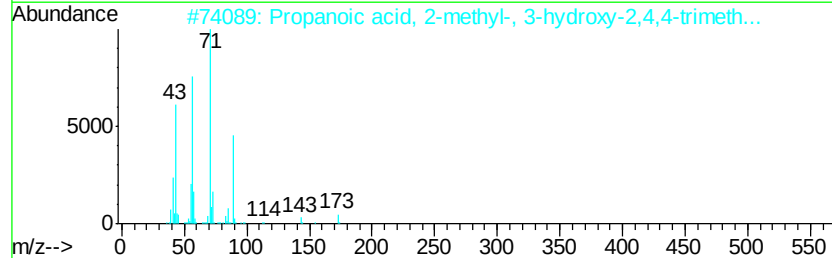
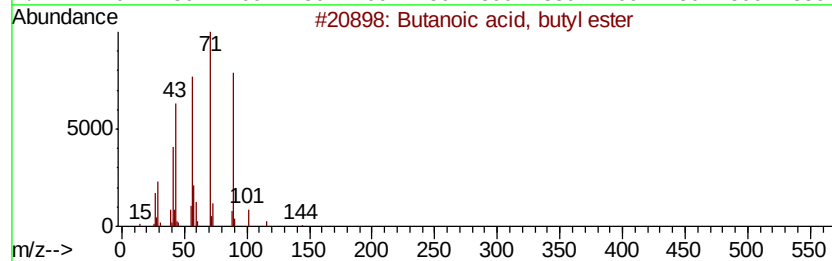
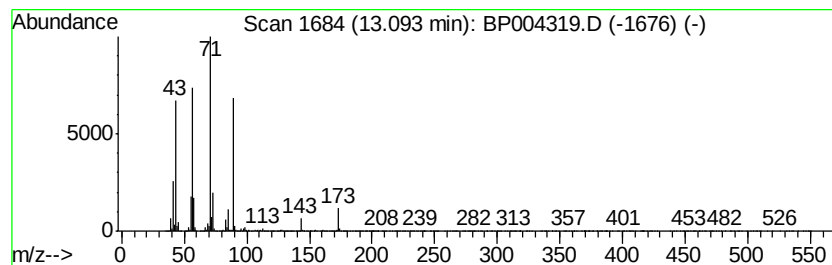
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Butanoic acid, butyl ester Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 13.09 | 4.80 ng/ul | 656114 | Acenaphthene-d10 | 14.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Butanoic acid, butyl ester          | 144 | C8H16O2  | 000109-21-7 | 87   |
| 2    |    | Propanoic acid, 2-methyl-, 3-hyd... | 216 | C12H24O3 | 074367-34-3 | 80   |
| 3    |    | Propanoic acid, 2-methyl-, 2-eth... | 216 | C12H24O3 | 074367-31-0 | 64   |
| 4    |    | Propanoic acid, 2-methyl-, 2-eth... | 216 | C12H24O3 | 074367-31-0 | 64   |
| 5    |    | Butanoic acid, hexyl ester          | 172 | C10H20O2 | 002639-63-6 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

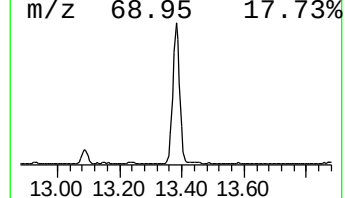
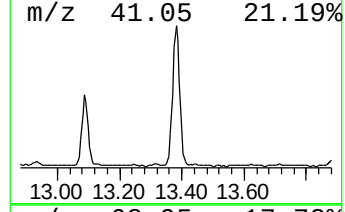
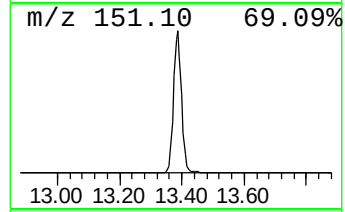
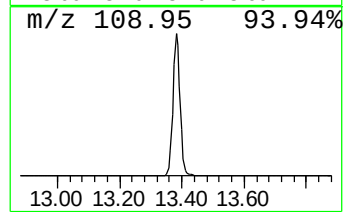
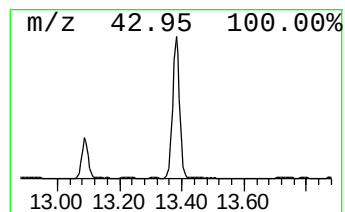
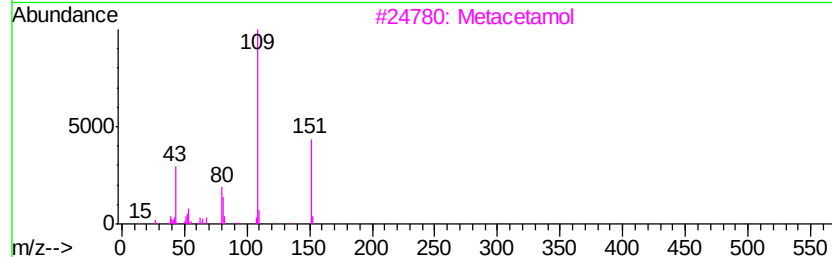
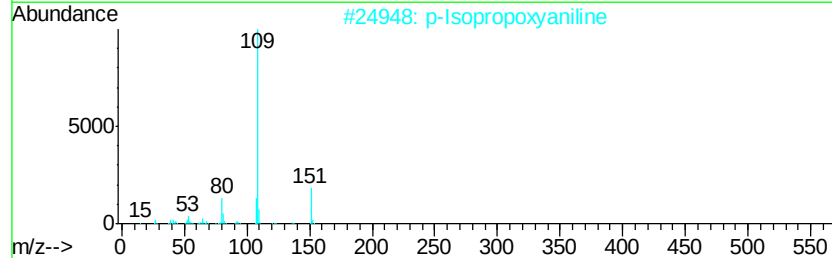
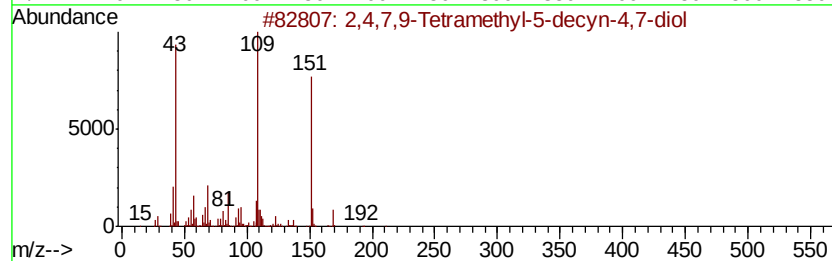
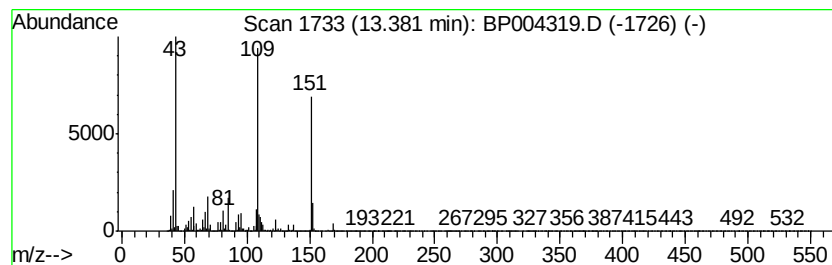
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 13.38 | 14.96 ng/ul | 2046400 | Acenaphthene-d10 | 14.49 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 91   |
| 2    |    | p-Isopropoxyaniline                 | 151 | C9H13NO  | 007664-66-6 | 53   |
| 3    |    | Metacetamol                         | 151 | C8H9NO2  | 000621-42-1 | 53   |
| 4    |    | Metacetamol                         | 151 | C8H9NO2  | 000621-42-1 | 53   |
| 5    |    | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2  | 001006-96-8 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION

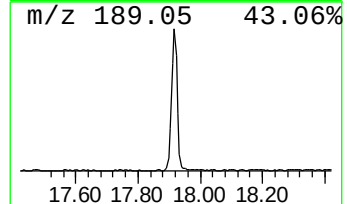
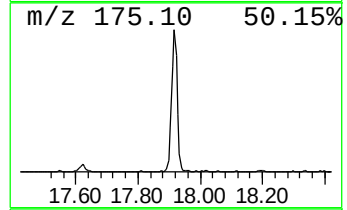
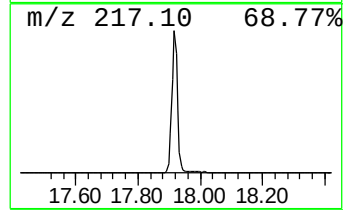
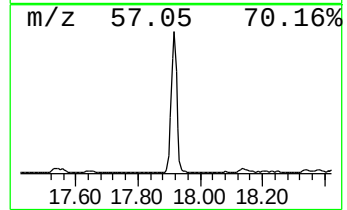
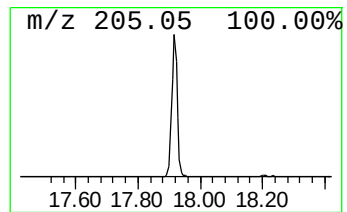
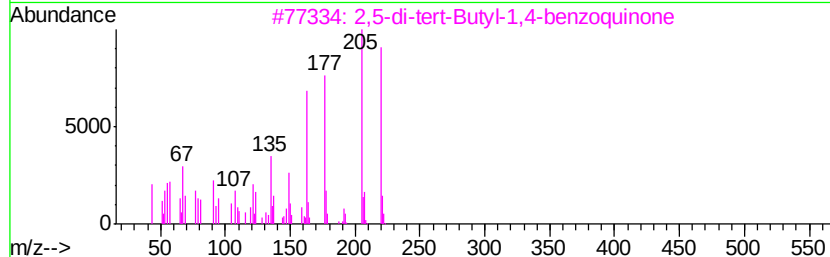
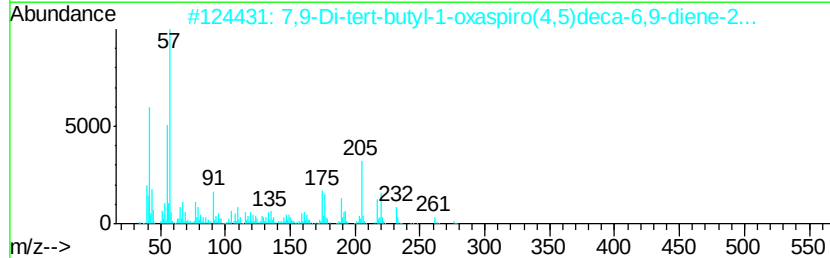
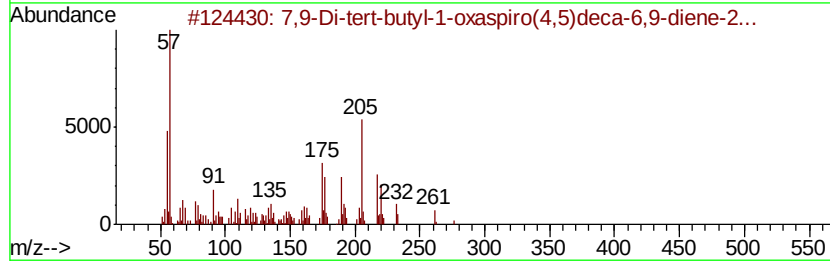
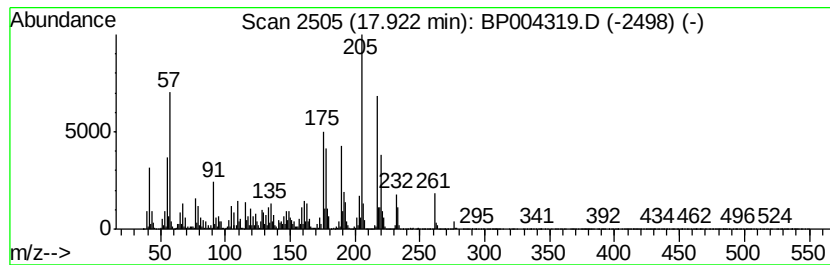
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 17.92 | 9.41 ng/ul | 1526940 | Phenanthrene-d10 | 17.25 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 96   |
| 2    |    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 89   |
| 3    |    | 2,5-di-tert-Butyl-1,4-benzoquinone  | 220 | C14H20O2 | 002460-77-7 | 45   |
| 4    |    | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232 | C16H24O  | 006738-27-8 | 42   |
| 5    |    | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2 | 071596-88-8 | 35   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP121620\  
Data File : BP004319.D  
Acq On : 16 Dec 2020 12:08  
Operator : CG/JU  
Sample : L5071-12  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.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 |
| Cyclohexanone        | 5.89  | 3.8     | ng/ul | 261456   | 1                     | 7.84  | 1367040 | 20.0 |
| Ethanol, 2-butoxy-   | 5.92  | 3.9     | ng/ul | 265951   | 1                     | 7.84  | 1367040 | 20.0 |
| 1-Hexanol, 2-ethyl-  | 7.90  | 2.6     | ng/ul | 177377   | 1                     | 7.84  | 1367040 | 20.0 |
| Benzyl alcohol       | 8.08  | 2.0     | ng/ul | 139969   | 1                     | 7.84  | 1367040 | 20.0 |
| Phenol, 2-methoxy-   | 8.93  | 8.3     | ng/ul | 565770   | 1                     | 7.84  | 1367040 | 20.0 |
| Ethanol, 2-(hexyl... | 9.16  | 10.0    | ng/ul | 682728   | 1                     | 7.84  | 1367040 | 20.0 |
| Thiophane, propyl-   | 9.89  | 3.2     | ng/ul | 337510   | 2                     | 10.63 | 2114220 | 20.0 |
| Propanoic acid, 2... | 12.84 | 3.8     | ng/ul | 513116   | 3                     | 14.49 | 2736540 | 20.0 |
| Butanoic acid, bu... | 13.09 | 4.8     | ng/ul | 656114   | 3                     | 14.49 | 2736540 | 20.0 |
| 2,4,7,9-Tetrameth... | 13.38 | 15.0    | ng/ul | 2046400  | 3                     | 14.49 | 2736540 | 20.0 |
| 7,9-Di-tert-butyl... | 17.92 | 9.4     | ng/ul | 1526940  | 4                     | 17.25 | 3245200 | 20.0 |