

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
 Data File : BP000830.D  
 Acq On : 17 Oct 2019 09:59  
 Operator : JU  
 Sample : K5191-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BF6K8

## 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-BP100919MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.352       | 43            | 45          | 59           | rVB      | 27389          | 42392         | 1.57%           | 0.123%        |
| 2         | 3.634       | 259           | 263         | 272          | rVV2     | 12176          | 23633         | 0.87%           | 0.068%        |
| 3         | 3.752       | 279           | 283         | 290          | rVV      | 19638          | 30593         | 1.13%           | 0.089%        |
| 4         | 5.328       | 547           | 551         | 564          | rBV      | 65613          | 85985         | 3.18%           | 0.249%        |
| 5         | 5.593       | 592           | 596         | 605          | rVB      | 71695          | 75580         | 2.79%           | 0.219%        |
| 6         | 6.275       | 710           | 712         | 715          | rVV      | 72067          | 61292         | 2.27%           | 0.178%        |
| 7         | 6.311       | 715           | 718         | 721          | rVV      | 28182          | 26876         | 0.99%           | 0.078%        |
| 8         | 6.352       | 722           | 725         | 728          | rVV      | 72918          | 56646         | 2.09%           | 0.164%        |
| 9         | 6.387       | 728           | 731         | 735          | rVV2     | 202076         | 233924        | 8.65%           | 0.678%        |
| 10        | 6.428       | 735           | 738         | 747          | rVV      | 752911         | 679188        | 25.12%          | 1.968%        |
| 11        | 6.516       | 750           | 753         | 760          | rVV      | 807186         | 700602        | 25.91%          | 2.030%        |
| 12        | 6.575       | 760           | 763         | 769          | rVB      | 180777         | 156712        | 5.80%           | 0.454%        |
| 13        | 6.746       | 789           | 792         | 800          | rBV      | 1154731        | 1002751       | 37.08%          | 2.905%        |
| 14        | 6.810       | 800           | 803         | 811          | rBV2     | 128365         | 156541        | 5.79%           | 0.454%        |
| 15        | 6.928       | 820           | 823         | 827          | rVB2     | 50127          | 57933         | 2.14%           | 0.168%        |
| 16        | 7.005       | 832           | 836         | 838          | rBV2     | 57684          | 57351         | 2.12%           | 0.166%        |
| 17        | 7.028       | 838           | 840         | 844          | rVB2     | 32033          | 27783         | 1.03%           | 0.080%        |
| 18        | 7.069       | 844           | 847         | 850          | rBV      | 55194          | 48016         | 1.78%           | 0.139%        |
| 19        | 7.134       | 855           | 858         | 870          | rBV      | 626150         | 622053        | 23.00%          | 1.802%        |
| 20        | 7.216       | 870           | 872         | 874          | rBV      | 30719          | 21969         | 0.81%           | 0.064%        |
| 21        | 7.240       | 874           | 876         | 880          | rVB      | 33646          | 24489         | 0.91%           | 0.071%        |
| 22        | 7.287       | 880           | 884         | 885          | rBV      | 65943          | 64854         | 2.40%           | 0.188%        |
| 23        | 7.305       | 885           | 887         | 893          | rVV      | 883490         | 721777        | 26.69%          | 2.091%        |
| 24        | 7.352       | 893           | 895         | 899          | rVB3     | 41946          | 38890         | 1.44%           | 0.113%        |
| 25        | 7.434       | 906           | 909         | 913          | rBV2     | 35520          | 40537         | 1.50%           | 0.117%        |
| 26        | 7.522       | 921           | 924         | 926          | rBV      | 52174          | 38508         | 1.42%           | 0.112%        |
| 27        | 7.552       | 926           | 929         | 934          | rVB      | 63824          | 59994         | 2.22%           | 0.174%        |
| 28        | 7.634       | 939           | 943         | 950          | rBV      | 748364         | 630731        | 23.32%          | 1.827%        |
| 29        | 7.705       | 950           | 955         | 961          | rVB3     | 47090          | 69493         | 2.57%           | 0.201%        |
| 30        | 7.775       | 961           | 967         | 970          | rBV2     | 131403         | 142912        | 5.28%           | 0.414%        |
| 31        | 7.863       | 979           | 982         | 983          | rBV      | 53065          | 43747         | 1.62%           | 0.127%        |
| 32        | 7.887       | 983           | 986         | 993          | rVV      | 861537         | 934398        | 34.55%          | 2.707%        |
| 33        | 7.940       | 993           | 995         | 999          | rVV      | 59527          | 68469         | 2.53%           | 0.198%        |
| 34        | 8.034       | 1007          | 1011        | 1014         | rVV      | 1629566        | 1394540       | 51.57%          | 4.041%        |

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Integrator: RTE  
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 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-BP100919MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 8.057  | 1014 | 1015 | 1017 | rVV3 | 48556   | 29859   | 1.10%  | 0.087% |
| 36 | 8.099  | 1017 | 1022 | 1025 | rVB2 | 71978   | 89637   | 3.31%  | 0.260% |
| 37 | 8.169  | 1031 | 1034 | 1037 | rBV  | 70555   | 61205   | 2.26%  | 0.177% |
| 38 | 8.310  | 1054 | 1058 | 1061 | rBV3 | 78403   | 77670   | 2.87%  | 0.225% |
| 39 | 8.352  | 1061 | 1065 | 1069 | rVV4 | 19801   | 36886   | 1.36%  | 0.107% |
| 40 | 8.422  | 1074 | 1077 | 1080 | rVB  | 44433   | 37679   | 1.39%  | 0.109% |
| 41 | 8.469  | 1081 | 1085 | 1089 | rBV2 | 32245   | 45222   | 1.67%  | 0.131% |
| 42 | 8.505  | 1089 | 1091 | 1093 | rVV  | 32638   | 23200   | 0.86%  | 0.067% |
| 43 | 8.540  | 1093 | 1097 | 1103 | rVB4 | 21790   | 24441   | 0.90%  | 0.071% |
| 44 | 8.634  | 1110 | 1113 | 1116 | rBV2 | 75917   | 63189   | 2.34%  | 0.183% |
| 45 | 8.716  | 1126 | 1127 | 1131 | rVV2 | 18402   | 19748   | 0.73%  | 0.057% |
| 46 | 8.752  | 1131 | 1133 | 1136 | rVB  | 28090   | 21411   | 0.79%  | 0.062% |
| 47 | 8.846  | 1146 | 1149 | 1154 | rVB  | 197980  | 188902  | 6.99%  | 0.547% |
| 48 | 8.940  | 1163 | 1165 | 1171 | rVB7 | 12539   | 20795   | 0.77%  | 0.060% |
| 49 | 9.204  | 1206 | 1210 | 1211 | rBV  | 63967   | 61142   | 2.26%  | 0.177% |
| 50 | 9.240  | 1214 | 1216 | 1217 | rVV  | 29956   | 27706   | 1.02%  | 0.080% |
| 51 | 9.257  | 1217 | 1219 | 1226 | rVB  | 113724  | 112859  | 4.17%  | 0.327% |
| 52 | 9.387  | 1236 | 1241 | 1244 | rBV2 | 72854   | 99782   | 3.69%  | 0.289% |
| 53 | 9.452  | 1249 | 1252 | 1255 | rVV  | 143073  | 147141  | 5.44%  | 0.426% |
| 54 | 9.487  | 1255 | 1258 | 1261 | rVV  | 1724732 | 1570704 | 58.08% | 4.551% |
| 55 | 9.510  | 1261 | 1262 | 1267 | rVV  | 506916  | 335568  | 12.41% | 0.972% |
| 56 | 9.557  | 1267 | 1270 | 1271 | rVV  | 77518   | 69303   | 2.56%  | 0.201% |
| 57 | 9.569  | 1271 | 1272 | 1278 | rVB  | 61407   | 74227   | 2.74%  | 0.215% |
| 58 | 9.640  | 1281 | 1284 | 1291 | rVV  | 2134390 | 1836722 | 67.92% | 5.322% |
| 59 | 9.734  | 1298 | 1300 | 1305 | rVB2 | 46562   | 43123   | 1.59%  | 0.125% |
| 60 | 9.799  | 1307 | 1311 | 1314 | rVV  | 2006874 | 1712323 | 63.32% | 4.961% |
| 61 | 9.828  | 1314 | 1316 | 1320 | rVB  | 171380  | 144096  | 5.33%  | 0.418% |
| 62 | 9.922  | 1329 | 1332 | 1342 | rVB  | 122432  | 137993  | 5.10%  | 0.400% |
| 63 | 10.004 | 1343 | 1346 | 1348 | rVB  | 51560   | 42901   | 1.59%  | 0.124% |
| 64 | 10.116 | 1363 | 1365 | 1368 | rBV  | 25367   | 27254   | 1.01%  | 0.079% |
| 65 | 10.146 | 1368 | 1370 | 1373 | rVB  | 40053   | 31009   | 1.15%  | 0.090% |
| 66 | 10.181 | 1373 | 1376 | 1378 | rBV  | 52542   | 44163   | 1.63%  | 0.128% |
| 67 | 10.210 | 1378 | 1381 | 1383 | rVV  | 97546   | 88612   | 3.28%  | 0.257% |
| 68 | 10.240 | 1384 | 1386 | 1391 | rVB3 | 59848   | 49846   | 1.84%  | 0.144% |
| 69 | 10.322 | 1396 | 1400 | 1403 | rVV  | 2751345 | 2414124 | 89.27% | 6.995% |
| 70 | 10.346 | 1403 | 1404 | 1409 | rVB2 | 79433   | 53775   | 1.99%  | 0.156% |
| 71 | 10.393 | 1409 | 1412 | 1417 | rBV  | 529050  | 464475  | 17.18% | 1.346% |

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 Start Thrs: 0.2  
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Filtering: 5  
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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 10.563 | 1438 | 1441 | 1450 | rVB4 | 38762   | 73533   | 2.72%   | 0.213% |
| 73  | 10.728 | 1465 | 1469 | 1475 | rVB4 | 98896   | 185685  | 6.87%   | 0.538% |
| 74  | 10.904 | 1495 | 1499 | 1502 | rBV4 | 45463   | 63425   | 2.35%   | 0.184% |
| 75  | 11.169 | 1542 | 1544 | 1546 | rBV  | 70554   | 60196   | 2.23%   | 0.174% |
| 76  | 11.298 | 1562 | 1566 | 1568 | rBV  | 1857775 | 1753664 | 64.85%  | 5.081% |
| 77  | 11.316 | 1568 | 1569 | 1572 | rVV  | 277049  | 225403  | 8.34%   | 0.653% |
| 78  | 11.351 | 1572 | 1575 | 1582 | rVB  | 2657556 | 2467066 | 91.23%  | 7.148% |
| 79  | 11.416 | 1583 | 1586 | 1588 | rBV2 | 38708   | 47662   | 1.76%   | 0.138% |
| 80  | 11.528 | 1603 | 1605 | 1608 | rVB  | 96824   | 74461   | 2.75%   | 0.216% |
| 81  | 11.598 | 1615 | 1617 | 1621 | rVB  | 71587   | 63547   | 2.35%   | 0.184% |
| 82  | 11.651 | 1624 | 1626 | 1629 | rVB  | 106415  | 80357   | 2.97%   | 0.233% |
| 83  | 11.769 | 1643 | 1646 | 1649 | rBV  | 50608   | 63326   | 2.34%   | 0.183% |
| 84  | 11.804 | 1650 | 1652 | 1655 | rVV  | 69076   | 53447   | 1.98%   | 0.155% |
| 85  | 11.845 | 1655 | 1659 | 1667 | rBV3 | 309798  | 420660  | 15.56%  | 1.219% |
| 86  | 11.916 | 1668 | 1671 | 1673 | rBV  | 94553   | 88099   | 3.26%   | 0.255% |
| 87  | 12.016 | 1685 | 1688 | 1690 | rBV  | 108213  | 95339   | 3.53%   | 0.276% |
| 88  | 12.363 | 1745 | 1747 | 1750 | rBV  | 74812   | 69328   | 2.56%   | 0.201% |
| 89  | 12.410 | 1752 | 1755 | 1759 | rVB3 | 93529   | 104038  | 3.85%   | 0.301% |
| 90  | 12.522 | 1772 | 1774 | 1777 | rVB  | 154783  | 127788  | 4.73%   | 0.370% |
| 91  | 12.569 | 1780 | 1782 | 1784 | rVB2 | 62784   | 50210   | 1.86%   | 0.145% |
| 92  | 12.740 | 1807 | 1811 | 1816 | rVB  | 2965306 | 2704256 | 100.00% | 7.835% |
| 93  | 12.787 | 1816 | 1819 | 1821 | rBV2 | 88508   | 67394   | 2.49%   | 0.195% |
| 94  | 13.498 | 1938 | 1940 | 1942 | rVB  | 111853  | 89165   | 3.30%   | 0.258% |
| 95  | 13.828 | 1994 | 1996 | 2002 | rVB3 | 263884  | 331716  | 12.27%  | 0.961% |
| 96  | 13.975 | 2017 | 2021 | 2027 | rVB  | 1842397 | 1760690 | 65.11%  | 5.101% |
| 97  | 14.769 | 2154 | 2156 | 2159 | rBV  | 91549   | 91825   | 3.40%   | 0.266% |
| 98  | 14.845 | 2166 | 2169 | 2172 | rBV  | 321159  | 297321  | 10.99%  | 0.861% |
| 99  | 15.369 | 2253 | 2258 | 2267 | rVB  | 1991695 | 2590719 | 95.80%  | 7.506% |
| 100 | 15.457 | 2268 | 2273 | 2277 | rBV  | 1439176 | 1643169 | 60.76%  | 4.761% |

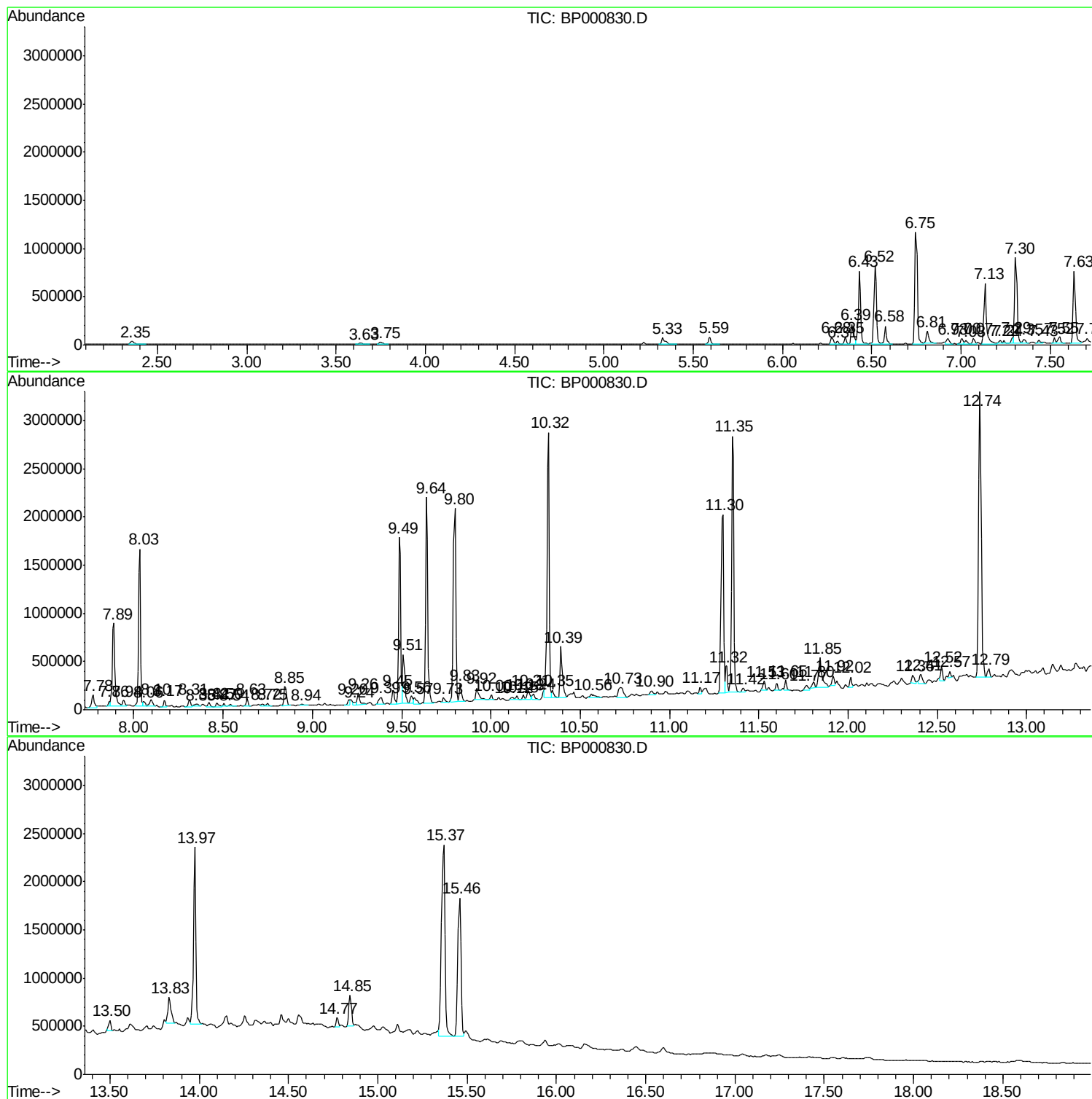
Sum of corrected areas: 34513340

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION

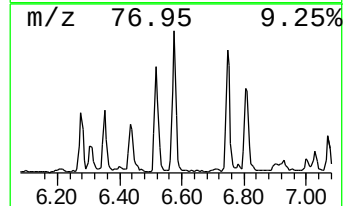
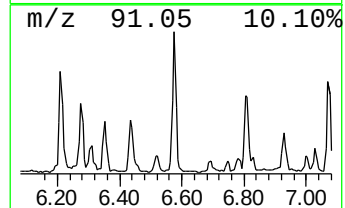
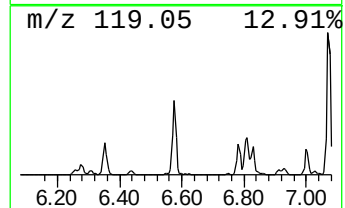
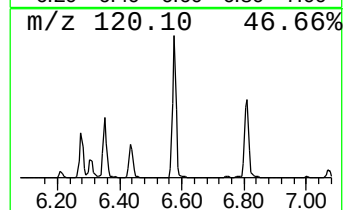
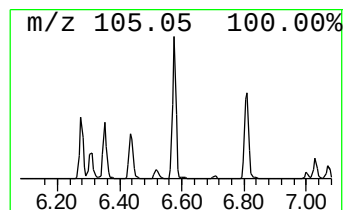
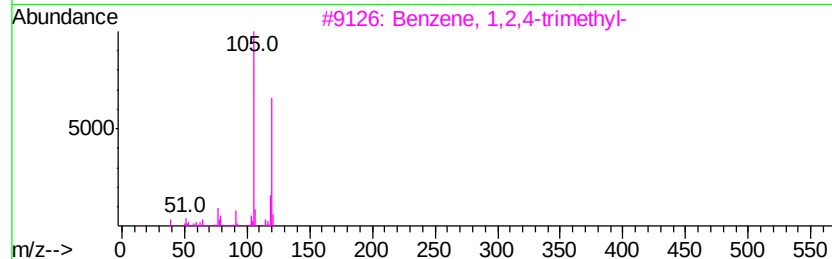
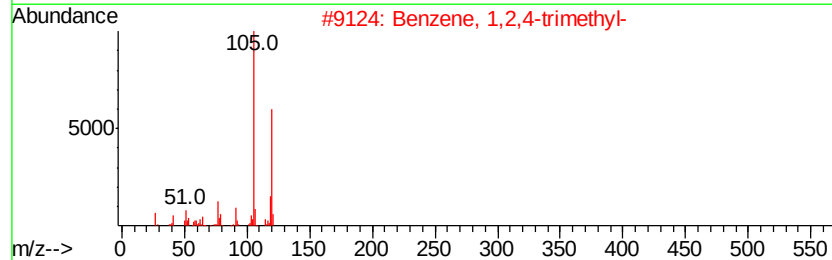
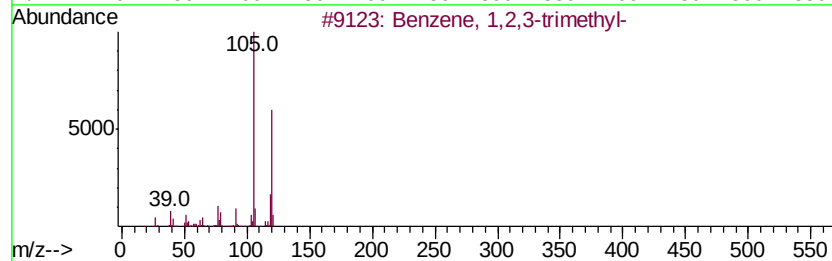
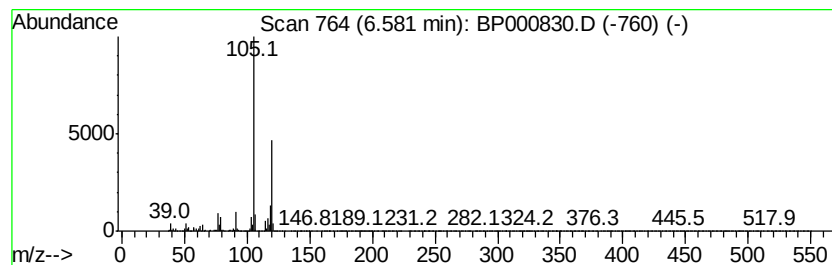
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.58 | 3.13 ng/ul | 156712 | 1,4-Dichlorobenzene-d4 | 6.75 |

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



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Quant Title : SVOA CALIBRATION

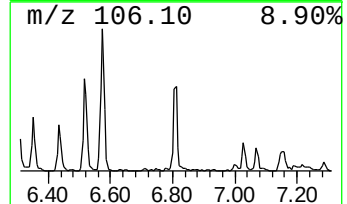
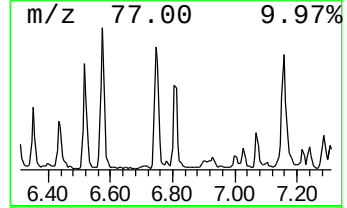
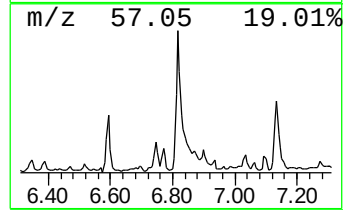
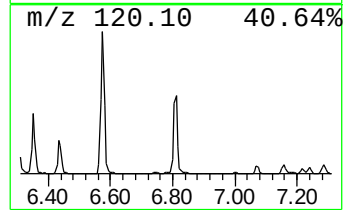
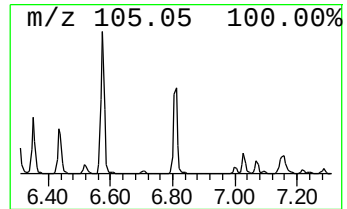
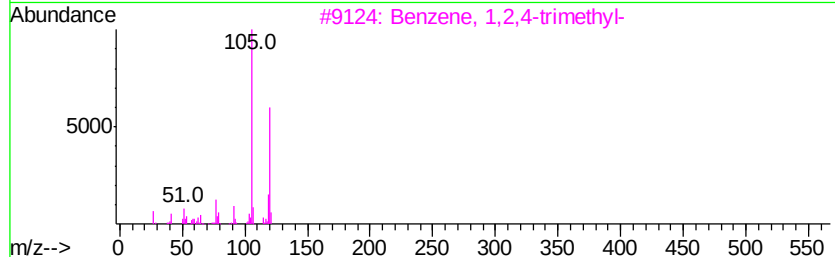
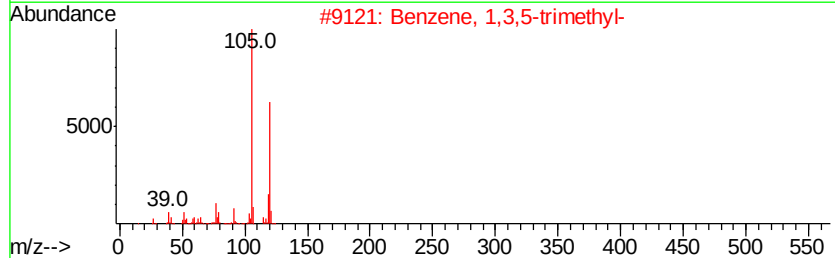
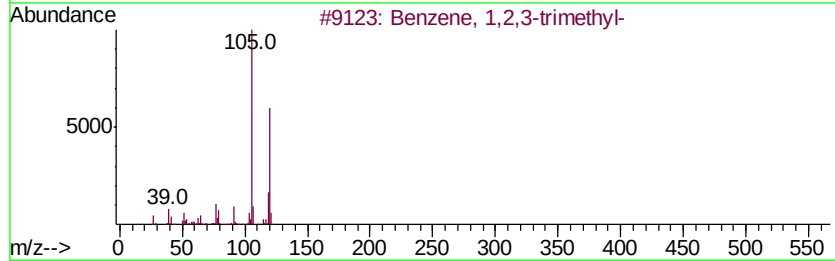
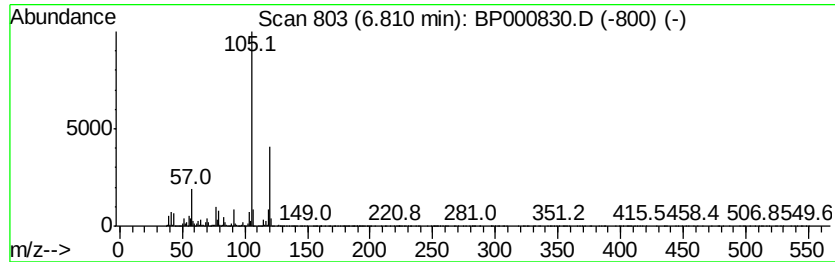
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1,3,5-trimethyl- Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.81 | 3.12 ng/ul | 156541 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 94   |
| 2    |    | Benzene, 1,3,5-trimethyl-  | 120 | C9H12   | 000108-67-8 | 93   |
| 3    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 87   |
| 4    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 87   |
| 5    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
Data File : BP000830.D  
Acq On : 17 Oct 2019 09:59  
Operator : JU  
Sample : K5191-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BF6K8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION

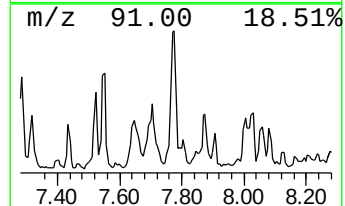
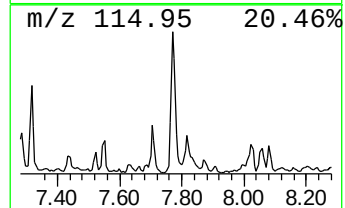
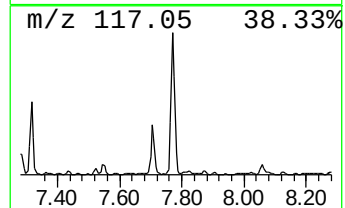
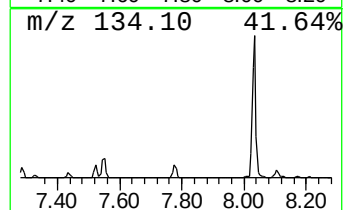
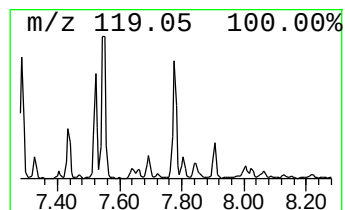
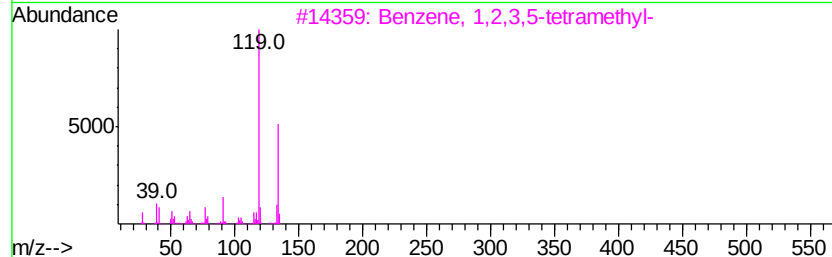
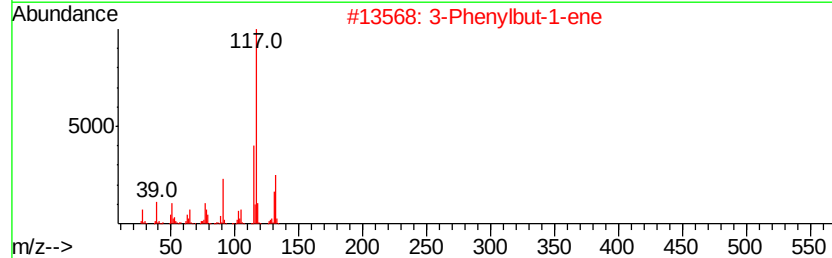
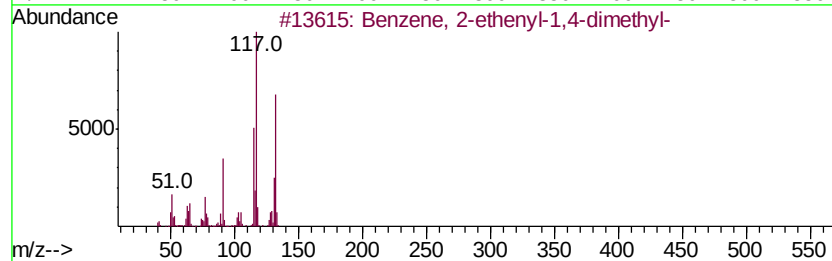
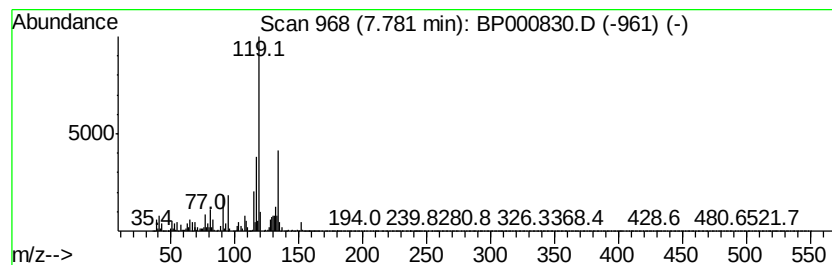
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

| R.T. | EstConc    | Area   | Relative to ISTD | R.T. |
|------|------------|--------|------------------|------|
| 7.78 | 2.05 ng/ul | 142912 | Napthalene-d8    | 8.03 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 70   |
| 2    |    | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 50   |
| 3    |    | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 46   |
| 4    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 46   |
| 5    |    | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14  | 000527-84-4 | 46   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
Data File : BP000830.D  
Acq On : 17 Oct 2019 09:59  
Operator : JU  
Sample : K5191-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

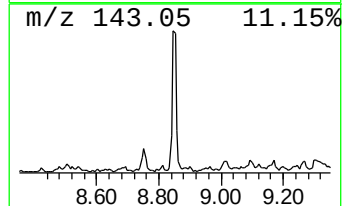
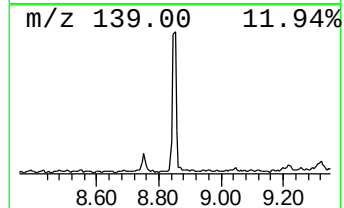
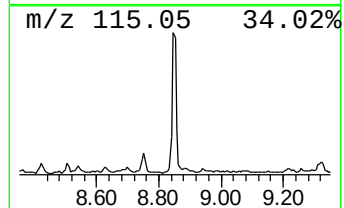
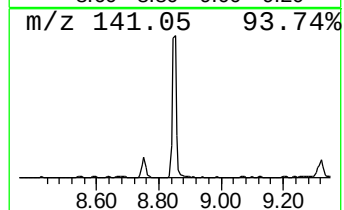
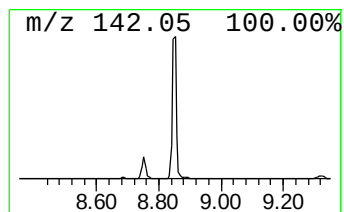
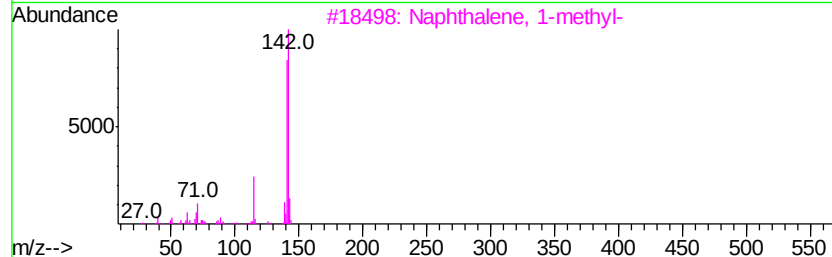
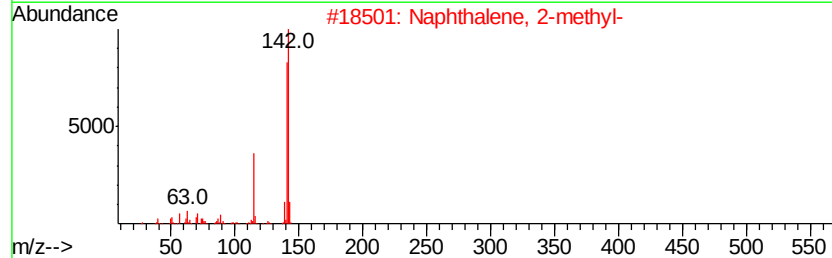
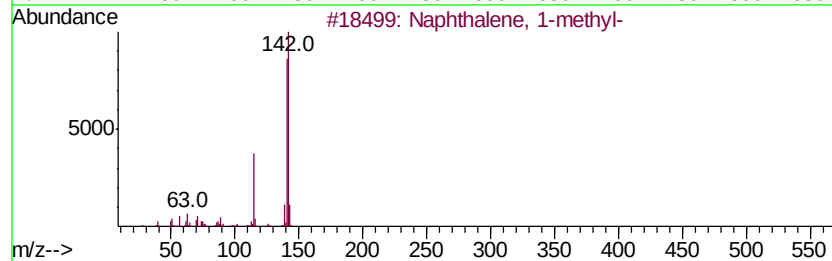
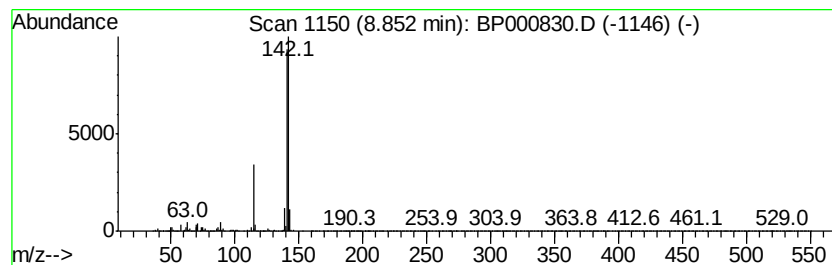
Instrument :  
BNA\_P  
ClientSampleId :  
BF6K8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 6

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.           |
|---------|------------|-------------------------------------|------------------|----------------|
| 8.85    | 2.71 ng/ul | 188902                              | Naphthalene-d8   | 8.03           |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |            | Naphthalene, 1-methyl-              | 142 C11H10       | 000090-12-0 96 |
| 2       |            | Naphthalene, 2-methyl-              | 142 C11H10       | 000091-57-6 96 |
| 3       |            | Naphthalene, 1-methyl-              | 142 C11H10       | 000090-12-0 94 |
| 4       |            | Benzocycloheptatriene               | 142 C11H10       | 000264-09-5 91 |
| 5       |            | 1,4-Methanonaphthalene, 1,4-dihy... | 142 C11H10       | 004453-90-1 91 |





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
Data File : BP000830.D  
Acq On : 17 Oct 2019 09:59  
Operator : JU  
Sample : K5191-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

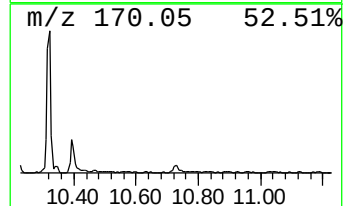
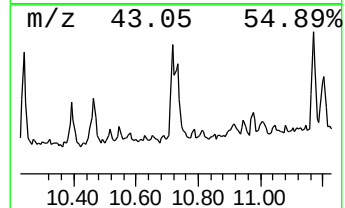
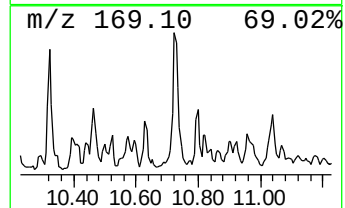
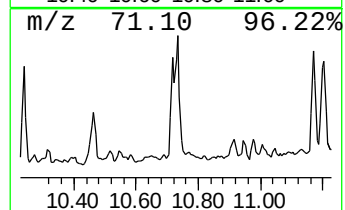
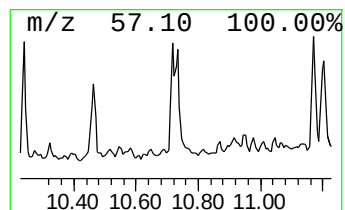
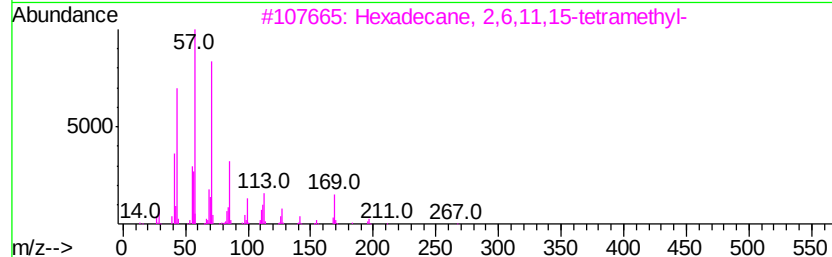
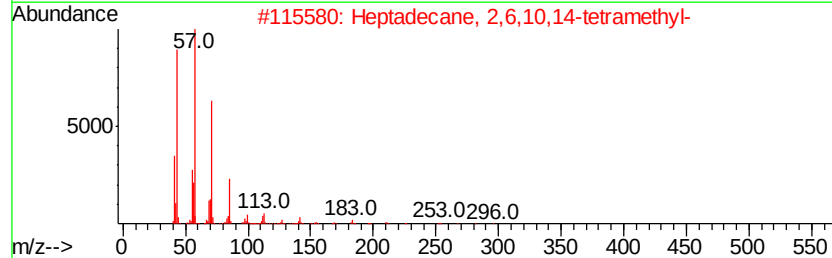
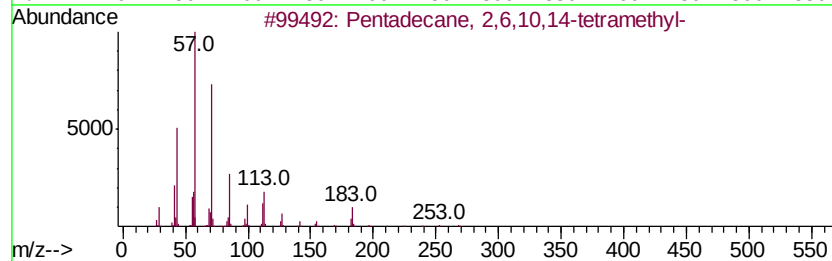
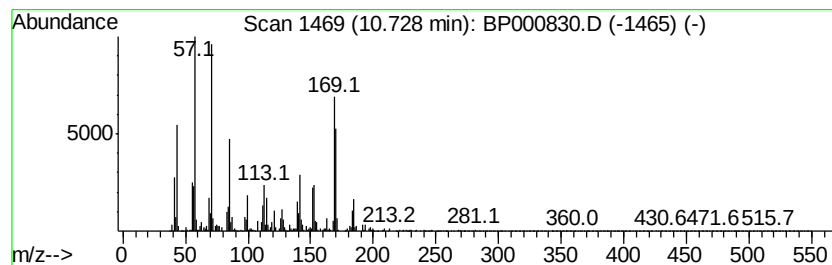
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 10.73 | 2.12 ng/ul | 185685 | Phenanthrene-d10 | 11.30 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 60   |
| 2    |    | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44  | 018344-37-1 | 45   |
| 3    |    | Hexadecane, 2,6,11,15-tetramethyl-  | 282 | C20H42  | 000504-44-9 | 43   |
| 4    |    | Hexadecane, 3-methyl-               | 240 | C17H36  | 006418-43-5 | 41   |
| 5    |    | Tridecane                           | 184 | C13H28  | 000629-50-5 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
Data File : BP000830.D  
Acq On : 17 Oct 2019 09:59  
Operator : JU  
Sample : K5191-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

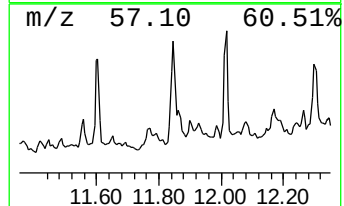
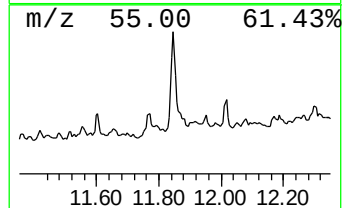
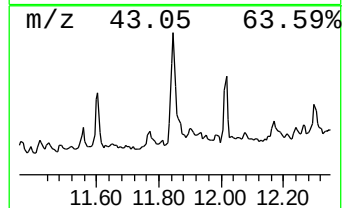
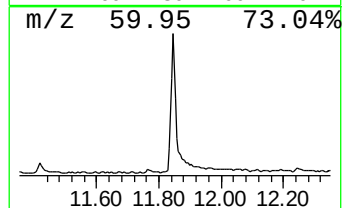
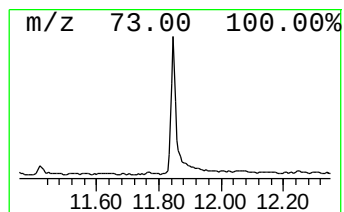
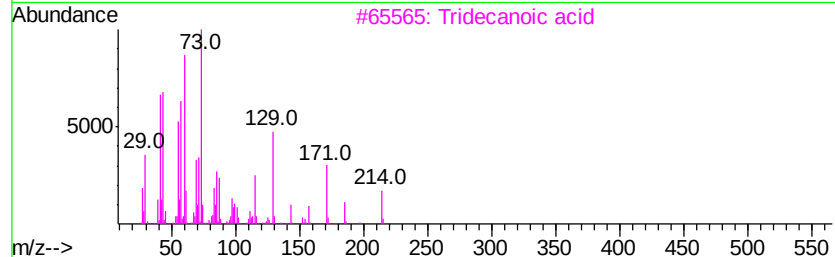
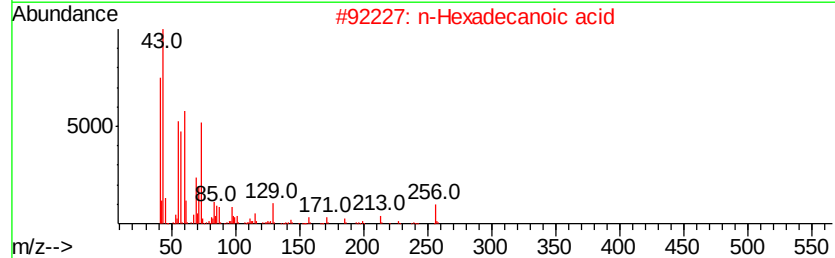
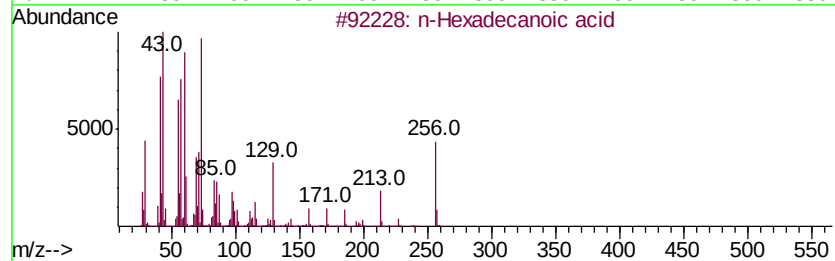
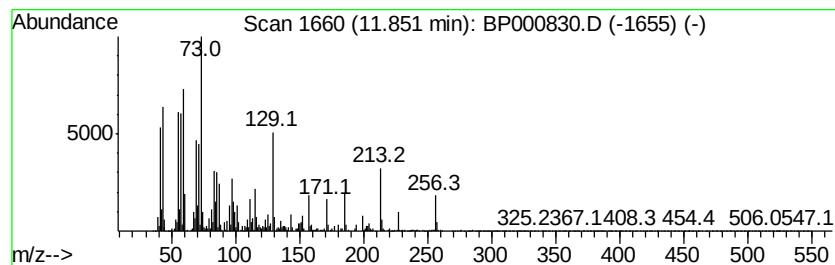
Instrument :  
BNA\_P  
ClientSampleId :  
BF6K8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

| R.T.    | EstConc             | Area         | Relative to ISTD |             | R.T.  |      |
|---------|---------------------|--------------|------------------|-------------|-------|------|
| 11.85   | 4.80 ng/ul          | 420660       | Phenanthrene-d10 |             | 11.30 |      |
| Hit# of | 5                   | Tentative ID | MW               | MolForm     | CAS#  | Qual |
| 1       | n-Hexadecanoic acid | 256          | C16H32O2         | 000057-10-3 | 98    |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2         | 000057-10-3 | 96    |      |
| 3       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 89    |      |
| 4       | Pentadecanoic acid  | 242          | C15H30O2         | 001002-84-2 | 74    |      |
| 5       | Tridecanoic acid    | 214          | C13H26O2         | 000638-53-9 | 70    |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
Data File : BP000830.D  
Acq On : 17 Oct 2019 09:59  
Operator : JU  
Sample : K5191-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BF6K8

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Quant Title : SVOA CALIBRATION

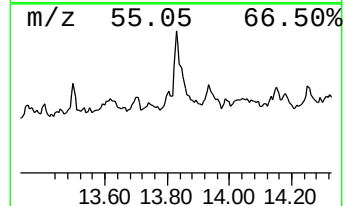
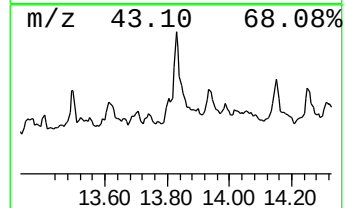
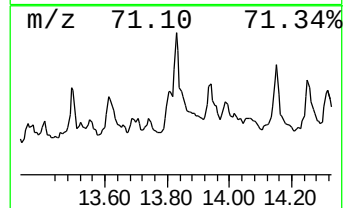
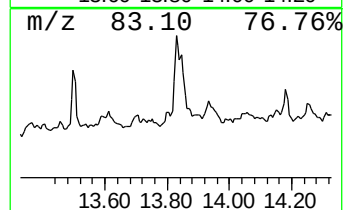
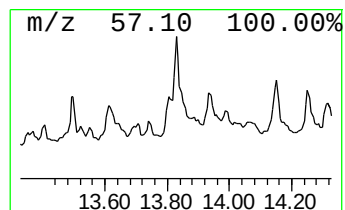
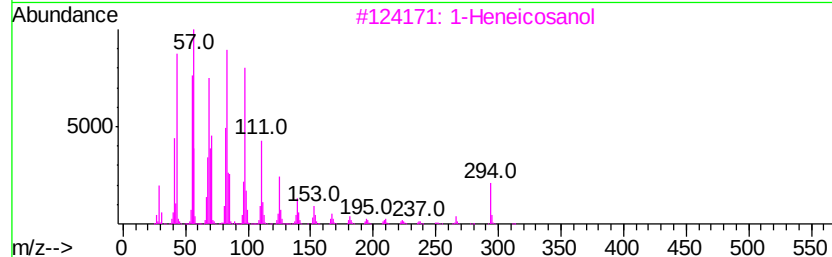
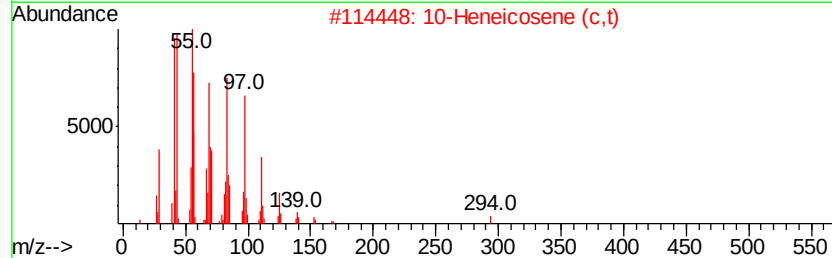
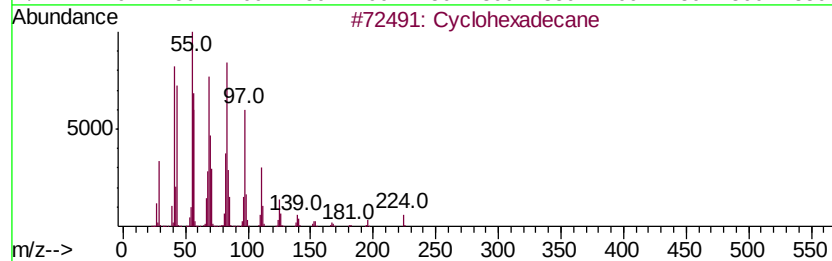
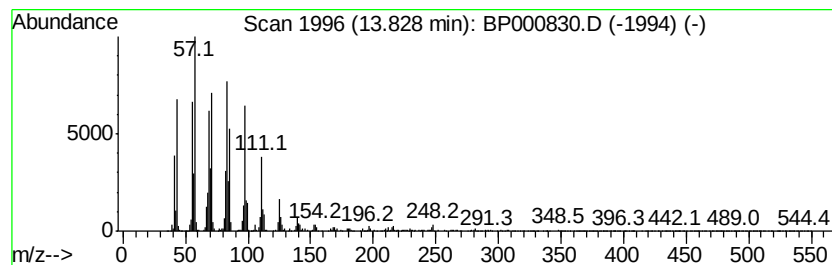
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Cyclic13.83 Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 13.83 | 3.77 ng/ul | 331716 | Chrysene-d12     | 13.97 |

| Hit# | of | Tentative ID                | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------------|-----|----------|-------------|------|
| 1    | 5  | Cyclohexadecane             | 224 | C16H32   | 000295-65-8 | 99   |
| 2    |    | 10-Heneicosene (c,t)        | 294 | C21H42   | 095008-11-0 | 93   |
| 3    |    | 1-Heneicosanol              | 312 | C21H44O  | 015594-90-8 | 91   |
| 4    |    | 1-Nonadecene                | 266 | C19H38   | 018435-45-5 | 90   |
| 5    |    | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\  
Data File : BP000830.D  
Acq On : 17 Oct 2019 09:59  
Operator : JU  
Sample : K5191-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

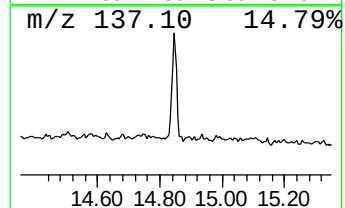
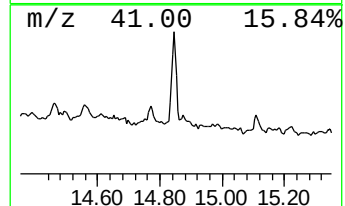
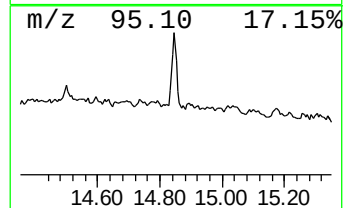
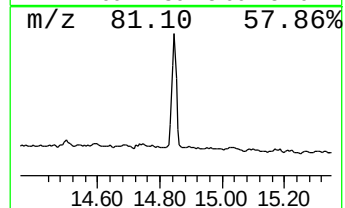
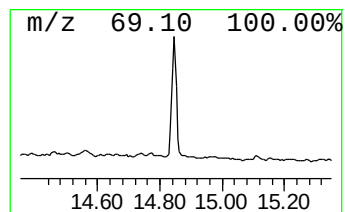
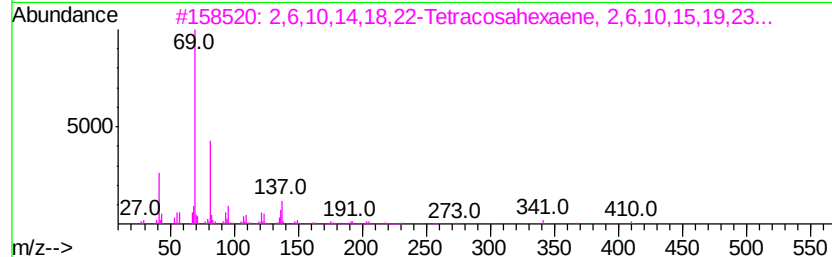
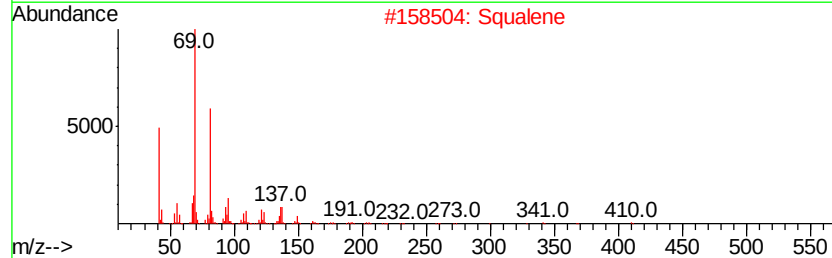
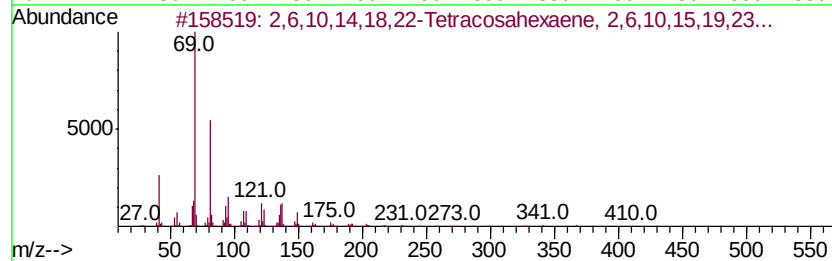
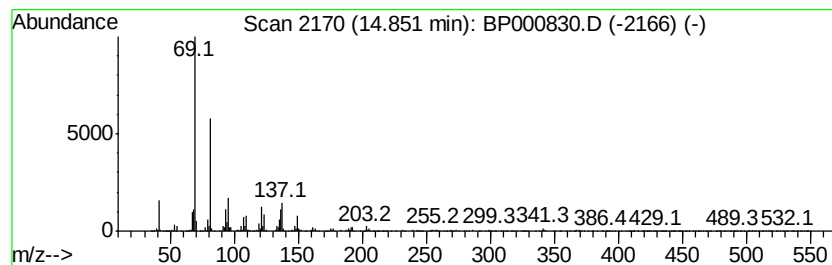
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.85 | 3.62 ng/ul | 297321 | Perylene-d12     | 15.46 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50       | 000111-02-4 | 99      |      |      |
| 2    | Squalene                            | 410 | C30H50       | 007683-64-9 | 98      |      |      |
| 3    | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50       | 000111-02-4 | 91      |      |      |
| 4    | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50       | 000111-02-4 | 90      |      |      |
| 5    | Squalene                            | 410 | C30H50       | 007683-64-9 | 87      |      |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP101719\  
Data File : BP000830.D  
Acq On : 17 Oct 2019 09:59  
Operator : JU  
Sample : K5191-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BF6K8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Benzene, 1,2,3-tr... | 6.58  | 3.1     | ng/ul | 156712   | 1                     | 6.75  | 1002750 | 20.0 |
| Benzene, 1,3,5-tr... | 6.81  | 3.1     | ng/ul | 156541   | 1                     | 6.75  | 1002750 | 20.0 |
| Benzene, 2-etheny... | 7.78  | 2.0     | ng/ul | 142912   | 2                     | 8.03  | 1394540 | 20.0 |
| Naphthalene, 1-me... | 8.85  | 2.7     | ng/ul | 188902   | 2                     | 8.03  | 1394540 | 20.0 |
| (DEL) Alkane: Str... | 10.73 | 2.1     | ng/ul | 185685   | 4                     | 11.30 | 1753660 | 20.0 |
| n-Hexadecanoic acid  | 11.85 | 4.8     | ng/ul | 420660   | 4                     | 11.30 | 1753660 | 20.0 |
| (DEL) Alkane: Cyc... | 13.83 | 3.8     | ng/ul | 331716   | 5                     | 13.97 | 1760690 | 20.0 |
| 2,6,10,14,18,22-T... | 14.85 | 3.6     | ng/ul | 297321   | 6                     | 15.46 | 1643170 | 20.0 |