

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
 Data File : BN010434.D  
 Acq On : 08 Apr 2020 15:44  
 Operator : CG/JU  
 Sample : L2155-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFA1

## 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-BN040120MA.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         | 2.834       | 3             | 8           | 14           | rBV4     | 179973         | 516763        | 1.20%           | 0.096%        |
| 2         | 2.893       | 14            | 18          | 26           | rVV      | 394355         | 1018020       | 2.36%           | 0.188%        |
| 3         | 2.964       | 26            | 30          | 56           | rVB      | 1482394        | 2673033       | 6.19%           | 0.494%        |
| 4         | 5.181       | 402           | 407         | 414          | rVB      | 279268         | 462019        | 1.07%           | 0.085%        |
| 5         | 5.311       | 423           | 429         | 438          | rBV      | 2438180        | 4359824       | 10.10%          | 0.806%        |
| 6         | 5.669       | 484           | 490         | 500          | rVB      | 2171407        | 3825269       | 8.86%           | 0.707%        |
| 7         | 5.934       | 527           | 535         | 545          | rBV5     | 227745         | 747963        | 1.73%           | 0.138%        |
| 8         | 6.134       | 563           | 569         | 578          | rVB      | 864907         | 1546716       | 3.58%           | 0.286%        |
| 9         | 6.287       | 587           | 595         | 598          | rBV4     | 283795         | 571450        | 1.32%           | 0.106%        |
| 10        | 6.322       | 598           | 601         | 607          | rVB      | 376651         | 561898        | 1.30%           | 0.104%        |
| 11        | 6.610       | 644           | 650         | 653          | rBV3     | 237225         | 437053        | 1.01%           | 0.081%        |
| 12        | 6.722       | 660           | 669         | 674          | rBV2     | 511818         | 1007861       | 2.33%           | 0.186%        |
| 13        | 6.787       | 674           | 680         | 687          | rVV      | 2043161        | 3809502       | 8.82%           | 0.704%        |
| 14        | 6.852       | 687           | 691         | 697          | rVB      | 1293318        | 1943328       | 4.50%           | 0.359%        |
| 15        | 6.952       | 698           | 708         | 714          | rBV      | 1480119        | 2491310       | 5.77%           | 0.461%        |
| 16        | 7.016       | 714           | 719         | 723          | rVB      | 423723         | 600952        | 1.39%           | 0.111%        |
| 17        | 7.146       | 734           | 741         | 747          | rVB      | 1886900        | 3028897       | 7.02%           | 0.560%        |
| 18        | 7.269       | 756           | 762         | 768          | rBV2     | 1930827        | 3090594       | 7.16%           | 0.572%        |
| 19        | 7.522       | 800           | 805         | 813          | rVV      | 457055         | 927200        | 2.15%           | 0.171%        |
| 20        | 7.604       | 813           | 819         | 825          | rVV2     | 1994966        | 3352829       | 7.77%           | 0.620%        |
| 21        | 7.722       | 835           | 839         | 848          | rVV2     | 625105         | 1236334       | 2.86%           | 0.229%        |
| 22        | 7.904       | 863           | 870         | 878          | rVV7     | 246549         | 666540        | 1.54%           | 0.123%        |
| 23        | 8.157       | 908           | 913         | 920          | rVB      | 580345         | 1012102       | 2.34%           | 0.187%        |
| 24        | 8.246       | 924           | 928         | 932          | rVV      | 871176         | 1304109       | 3.02%           | 0.241%        |
| 25        | 8.304       | 932           | 938         | 945          | rVB      | 2417577        | 3842008       | 8.90%           | 0.710%        |
| 26        | 8.410       | 948           | 956         | 964          | rBV3     | 350454         | 1005631       | 2.33%           | 0.186%        |
| 27        | 8.557       | 976           | 981         | 985          | rBV      | 363718         | 493118        | 1.14%           | 0.091%        |
| 28        | 8.604       | 985           | 989         | 995          | rVB      | 360806         | 578544        | 1.34%           | 0.107%        |
| 29        | 8.704       | 998           | 1006        | 1008         | rBV      | 639515         | 1092115       | 2.53%           | 0.202%        |
| 30        | 8.740       | 1008          | 1012        | 1017         | rVB      | 1637879        | 2506299       | 5.81%           | 0.463%        |
| 31        | 8.846       | 1026          | 1030        | 1039         | rVB      | 761882         | 1203044       | 2.79%           | 0.222%        |
| 32        | 8.957       | 1039          | 1049        | 1055         | rBV6     | 524271         | 1314078       | 3.04%           | 0.243%        |
| 33        | 9.034       | 1055          | 1062        | 1067         | rBV3     | 260144         | 575730        | 1.33%           | 0.106%        |
| 34        | 9.222       | 1090          | 1094        | 1098         | rVV2     | 274593         | 455142        | 1.05%           | 0.084%        |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
 Data File : BN010434.D  
 Acq On : 08 Apr 2020 15:44  
 Operator : CG/JU  
 Sample : L2155-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFA1

## 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-BN040120MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |        |        |
|----|--------|------|------|------|------|----------|----------|--------|--------|
| 35 | 9.281  | 1101 | 1104 | 1114 | rVB2 | 380017   | 752331   | 1.74%  | 0.139% |
| 36 | 9.457  | 1128 | 1134 | 1142 | rBV2 | 1500791  | 2618820  | 6.07%  | 0.484% |
| 37 | 9.598  | 1150 | 1158 | 1167 | rVB5 | 298158   | 814649   | 1.89%  | 0.151% |
| 38 | 9.787  | 1186 | 1190 | 1194 | rVB4 | 365018   | 603110   | 1.40%  | 0.112% |
| 39 | 9.857  | 1199 | 1202 | 1208 | rVB2 | 341303   | 506525   | 1.17%  | 0.094% |
| 40 | 9.993  | 1219 | 1225 | 1235 | rVB  | 2674662  | 4718208  | 10.93% | 0.873% |
| 41 | 10.363 | 1281 | 1288 | 1294 | rBV  | 2766744  | 4640543  | 10.75% | 0.858% |
| 42 | 10.416 | 1294 | 1297 | 1302 | rVV2 | 320412   | 599327   | 1.39%  | 0.111% |
| 43 | 10.498 | 1305 | 1311 | 1318 | rVB  | 1577307  | 2662027  | 6.17%  | 0.492% |
| 44 | 11.193 | 1420 | 1429 | 1439 | rBV  | 333287   | 719816   | 1.67%  | 0.133% |
| 45 | 13.645 | 1840 | 1846 | 1851 | rVV  | 4795225  | 6448521  | 14.94% | 1.192% |
| 46 | 13.692 | 1851 | 1854 | 1860 | rVB  | 1256742  | 1612055  | 3.73%  | 0.298% |
| 47 | 13.922 | 1886 | 1893 | 1902 | rBV  | 5306854  | 8031153  | 18.60% | 1.485% |
| 48 | 14.010 | 1902 | 1908 | 1914 | rVB  | 2812740  | 3364549  | 7.79%  | 0.622% |
| 49 | 14.234 | 1939 | 1946 | 1952 | rVV  | 3998587  | 6018515  | 13.94% | 1.113% |
| 50 | 14.428 | 1973 | 1979 | 1993 | rBV  | 1396969  | 2156830  | 5.00%  | 0.399% |
| 51 | 15.228 | 2108 | 2115 | 2121 | rBV  | 7224462  | 10283726 | 23.82% | 1.902% |
| 52 | 15.345 | 2130 | 2135 | 2143 | rBV  | 1273405  | 1764253  | 4.09%  | 0.326% |
| 53 | 16.975 | 2406 | 2412 | 2416 | rBV  | 5255460  | 7586649  | 17.57% | 1.403% |
| 54 | 17.016 | 2416 | 2419 | 2424 | rVV  | 2729850  | 3779084  | 8.75%  | 0.699% |
| 55 | 17.075 | 2424 | 2429 | 2443 | rVB  | 8051300  | 11773614 | 27.27% | 2.177% |
| 56 | 17.380 | 2477 | 2481 | 2486 | rVB  | 292487   | 433822   | 1.00%  | 0.080% |
| 57 | 17.851 | 2557 | 2561 | 2565 | rBV  | 305703   | 408845   | 0.95%  | 0.076% |
| 58 | 17.904 | 2565 | 2570 | 2578 | rBV2 | 1048246  | 1653033  | 3.83%  | 0.306% |
| 59 | 18.492 | 2665 | 2670 | 2674 | rVB  | 474344   | 565903   | 1.31%  | 0.105% |
| 60 | 18.563 | 2674 | 2682 | 2688 | rBV  | 13877004 | 23301695 | 53.97% | 4.309% |
| 61 | 18.704 | 2702 | 2706 | 2713 | rVB  | 633266   | 832518   | 1.93%  | 0.154% |
| 62 | 19.045 | 2758 | 2764 | 2771 | rBV  | 7864607  | 10653797 | 24.68% | 1.970% |
| 63 | 19.380 | 2815 | 2821 | 2824 | rBV  | 10793810 | 17090283 | 39.58% | 3.160% |
| 64 | 19.410 | 2824 | 2826 | 2834 | rVV  | 7436089  | 7613687  | 17.64% | 1.408% |
| 65 | 19.480 | 2835 | 2838 | 2847 | rVB2 | 345651   | 537262   | 1.24%  | 0.099% |
| 66 | 19.592 | 2853 | 2857 | 2861 | rBV  | 409541   | 529782   | 1.23%  | 0.098% |
| 67 | 19.739 | 2876 | 2882 | 2887 | rBV5 | 574041   | 1279206  | 2.96%  | 0.237% |
| 68 | 19.839 | 2895 | 2899 | 2902 | rBV3 | 331893   | 457499   | 1.06%  | 0.085% |
| 69 | 19.904 | 2902 | 2910 | 2917 | rVB  | 1456552  | 3081698  | 7.14%  | 0.570% |
| 70 | 20.010 | 2924 | 2928 | 2932 | rVB  | 956091   | 1116638  | 2.59%  | 0.206% |
| 71 | 20.069 | 2933 | 2938 | 2942 | rVV2 | 1041850  | 1564778  | 3.62%  | 0.289% |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040820\  
 Data File : BN010434.D  
 Acq On : 08 Apr 2020 15:44  
 Operator : CG/JU  
 Sample : L2155-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFA1

## 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-BN040120MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |          |          |         |        |
|-----|--------|------|------|------|------|----------|----------|---------|--------|
| 72  | 20.104 | 2942 | 2944 | 2948 | rVB2 | 398693   | 461548   | 1.07%   | 0.085% |
| 73  | 20.210 | 2958 | 2962 | 2965 | rBV  | 721666   | 889811   | 2.06%   | 0.165% |
| 74  | 20.251 | 2966 | 2969 | 2973 | rVV  | 653458   | 906149   | 2.10%   | 0.168% |
| 75  | 20.292 | 2973 | 2976 | 2979 | rVB2 | 402446   | 428214   | 0.99%   | 0.079% |
| 76  | 20.657 | 3035 | 3038 | 3045 | rVB  | 832147   | 1319384  | 3.06%   | 0.244% |
| 77  | 20.827 | 3062 | 3067 | 3070 | rBV  | 2371286  | 3056608  | 7.08%   | 0.565% |
| 78  | 20.869 | 3070 | 3074 | 3077 | rVV  | 1169180  | 1436790  | 3.33%   | 0.266% |
| 79  | 20.921 | 3077 | 3083 | 3098 | rVB5 | 3197829  | 6324227  | 14.65%  | 1.169% |
| 80  | 21.033 | 3099 | 3102 | 3104 | rBV  | 503418   | 548937   | 1.27%   | 0.102% |
| 81  | 21.063 | 3105 | 3107 | 3116 | rVB  | 746395   | 977547   | 2.26%   | 0.181% |
| 82  | 21.174 | 3120 | 3126 | 3131 | rVV3 | 13415592 | 29129972 | 67.47%  | 5.387% |
| 83  | 21.221 | 3131 | 3134 | 3144 | rVB  | 11833639 | 15129276 | 35.04%  | 2.798% |
| 84  | 21.345 | 3150 | 3155 | 3158 | rBV2 | 1434837  | 2053622  | 4.76%   | 0.380% |
| 85  | 21.492 | 3176 | 3180 | 3185 | rVB2 | 2070710  | 3075126  | 7.12%   | 0.569% |
| 86  | 21.780 | 3226 | 3229 | 3235 | rVB2 | 1409717  | 2021484  | 4.68%   | 0.374% |
| 87  | 21.892 | 3243 | 3248 | 3255 | rBV  | 20060993 | 25902714 | 60.00%  | 4.790% |
| 88  | 22.221 | 3298 | 3304 | 3308 | rBV  | 28878248 | 37881195 | 87.74%  | 7.005% |
| 89  | 22.727 | 3382 | 3390 | 3394 | rBV  | 18482599 | 43173673 | 100.00% | 7.984% |
| 90  | 22.880 | 3412 | 3416 | 3422 | rVB  | 4229024  | 6112110  | 14.16%  | 1.130% |
| 91  | 23.010 | 3434 | 3438 | 3446 | rBV  | 1225197  | 2462318  | 5.70%   | 0.455% |
| 92  | 23.110 | 3451 | 3455 | 3460 | rVV2 | 3205881  | 5538632  | 12.83%  | 1.024% |
| 93  | 23.180 | 3461 | 3467 | 3472 | rVV  | 12424658 | 24738929 | 57.30%  | 4.575% |
| 94  | 23.227 | 3472 | 3475 | 3479 | rVV  | 7552838  | 13692968 | 31.72%  | 2.532% |
| 95  | 23.274 | 3479 | 3483 | 3490 | rVB  | 13407572 | 23128530 | 53.57%  | 4.277% |
| 96  | 23.362 | 3492 | 3498 | 3502 | rVV  | 5055059  | 10079305 | 23.35%  | 1.864% |
| 97  | 23.410 | 3503 | 3506 | 3514 | rVB2 | 3724600  | 7038514  | 16.30%  | 1.302% |
| 98  | 25.145 | 3794 | 3801 | 3809 | rBV  | 8667967  | 19617404 | 45.44%  | 3.628% |
| 99  | 25.521 | 3856 | 3865 | 3874 | rVB  | 10244770 | 27944087 | 64.72%  | 5.168% |
| 100 | 26.174 | 3968 | 3976 | 3992 | rVB2 | 6000176  | 18862635 | 43.69%  | 3.488% |

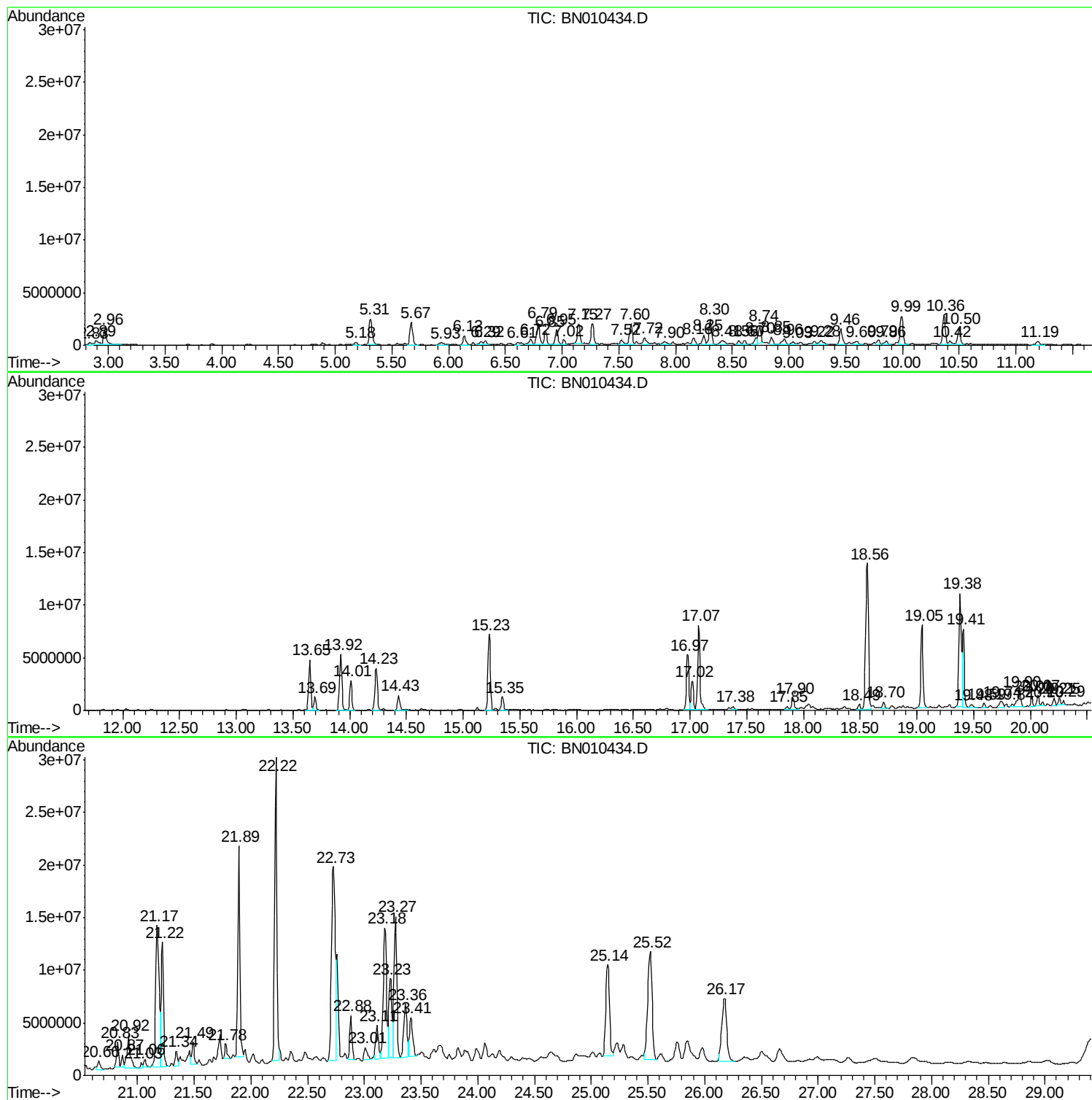
Sum of corrected areas: 540763735

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

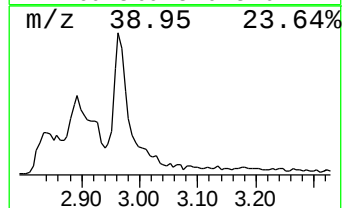
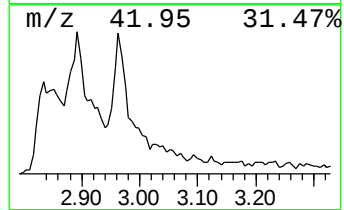
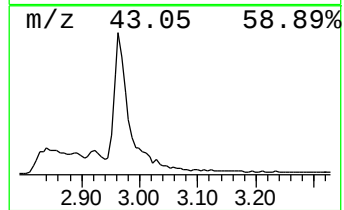
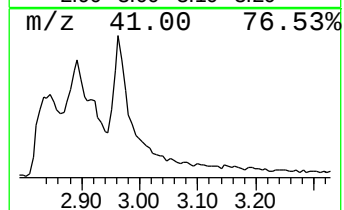
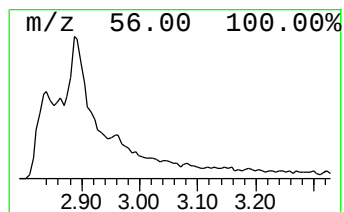
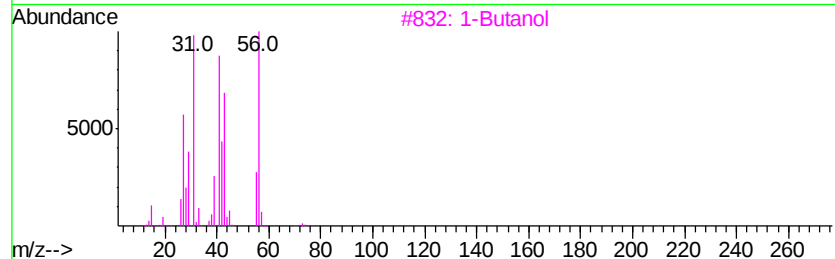
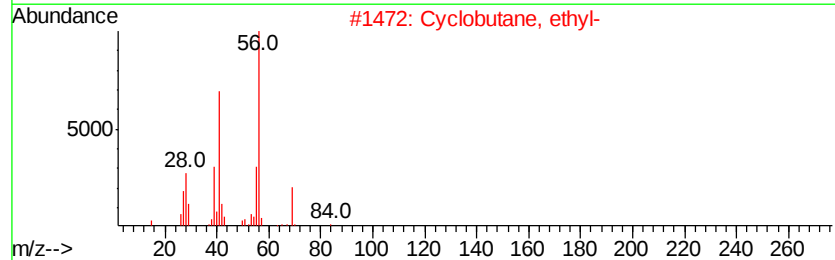
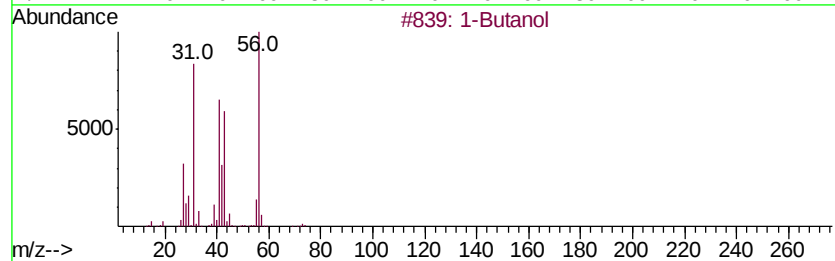
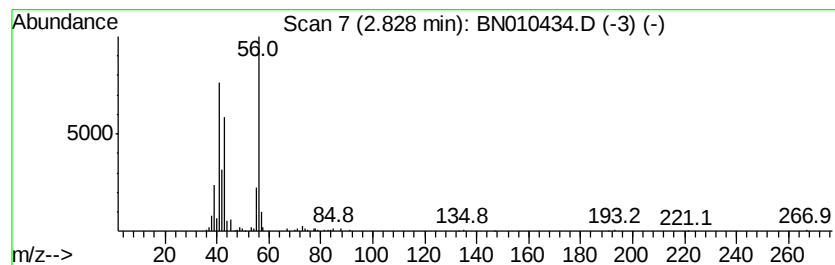
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 1-Butanol Concentration Rank 36

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.83 | 3.08 ng/ul | 516763 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Butanol           | 74  | C4H10O  | 000071-36-3 | 80   |
| 2    |    | Cyclobutane, ethyl- | 84  | C6H12   | 004806-61-5 | 59   |
| 3    |    | 1-Butanol           | 74  | C4H10O  | 000071-36-3 | 46   |
| 4    |    | Succinic anhydride  | 100 | C4H4O3  | 000108-30-5 | 45   |
| 5    |    | 1-Butanol           | 74  | C4H10O  | 000071-36-3 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

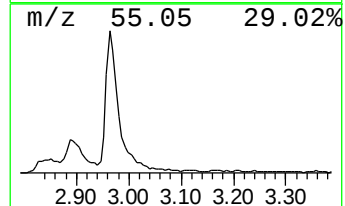
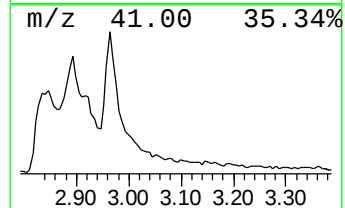
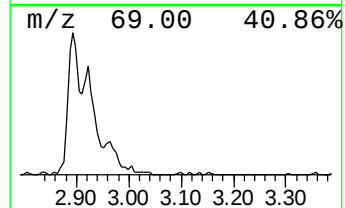
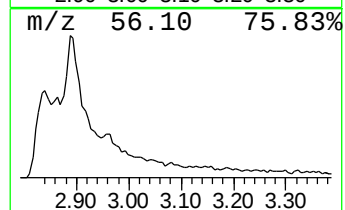
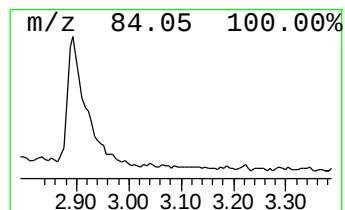
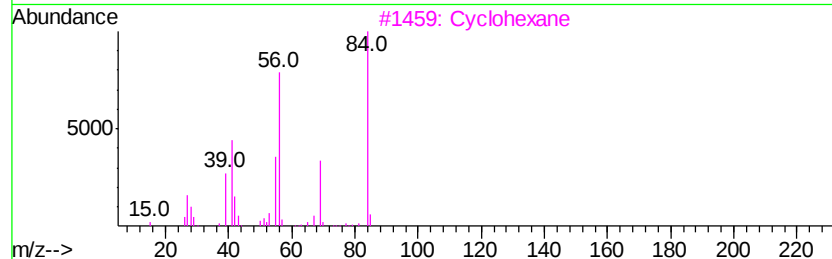
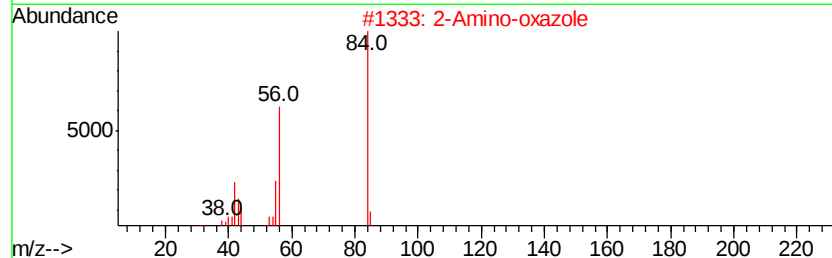
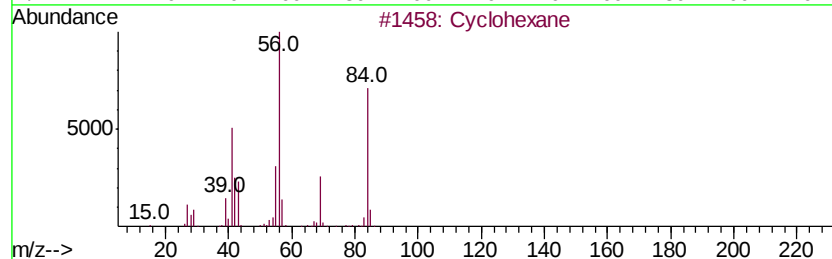
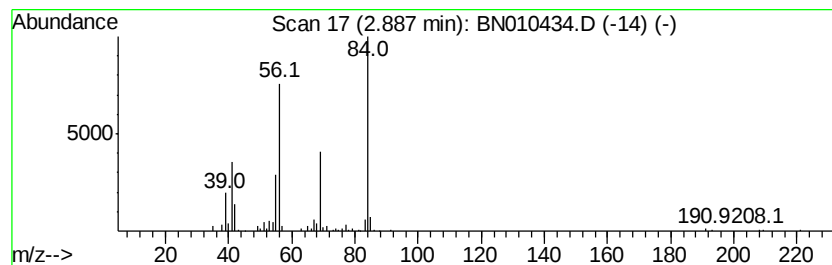
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic2.89 Concentration Rank 19

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 2.89 | 6.07 ng/ul | 1018020 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 72   |
| 2    |    | 2-Amino-oxazole | 84 | C3H4N2O | 004570-45-0 | 72   |
| 3    |    | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 72   |
| 4    |    | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 72   |
| 5    |    | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

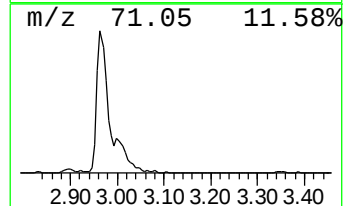
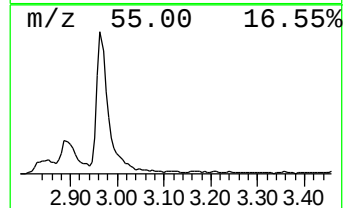
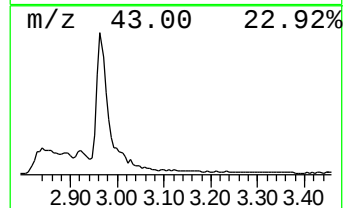
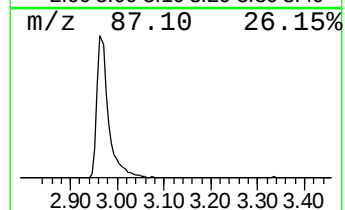
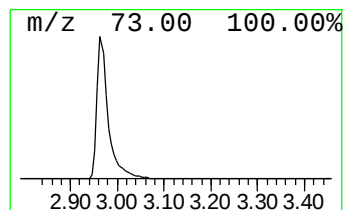
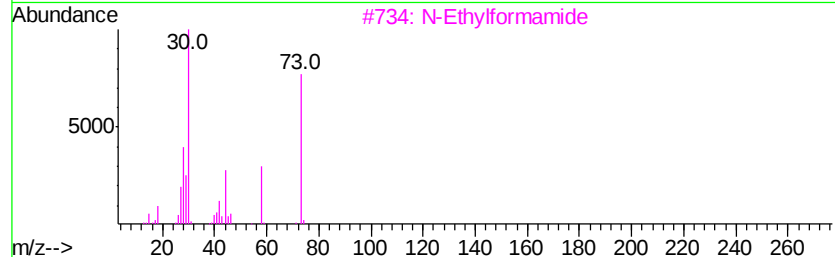
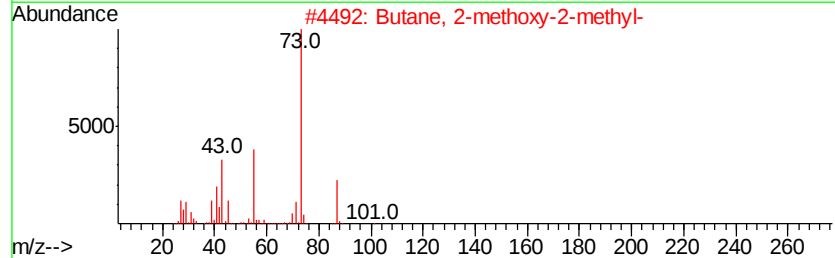
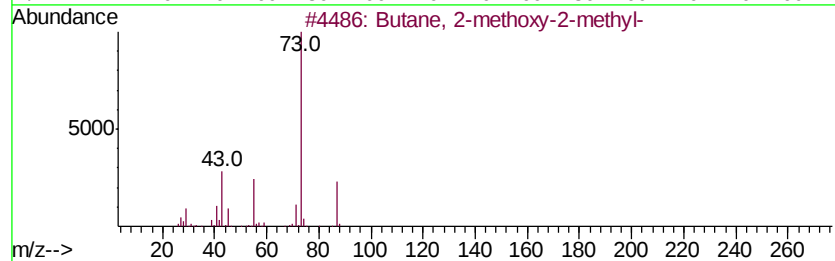
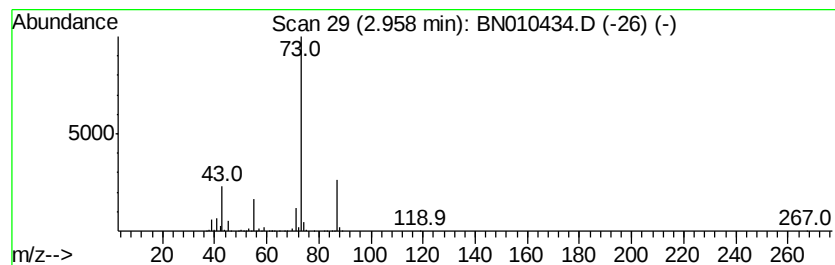
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 9

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 2.96 | 15.94 ng/ul | 2673030 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------------------|-----|---------|--------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-       | 102 | C6H14O  | 000994-05-8  | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl-       | 102 | C6H14O  | 000994-05-8  | 78   |
| 3    |    | N-Ethylformamide                  | 73  | C3H7NO  | 000627-45-2  | 9    |
| 4    |    | Acetic acid, 3-[1,3]dioxolan-2-yl | 174 | C8H14O4 | 1000186-02-3 | 9    |
| 5    |    | Pentane, 3-methoxy-               | 102 | C6H14O  | 036839-67-5  | 9    |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

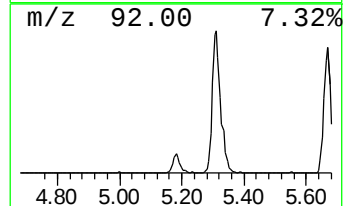
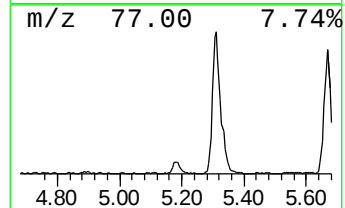
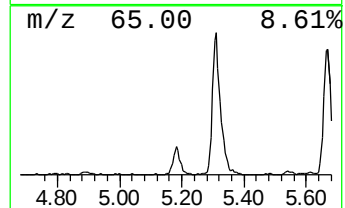
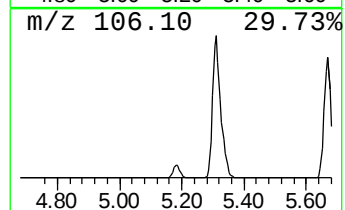
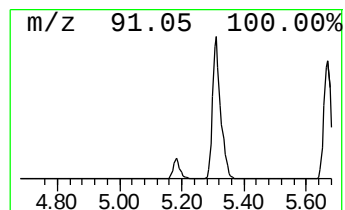
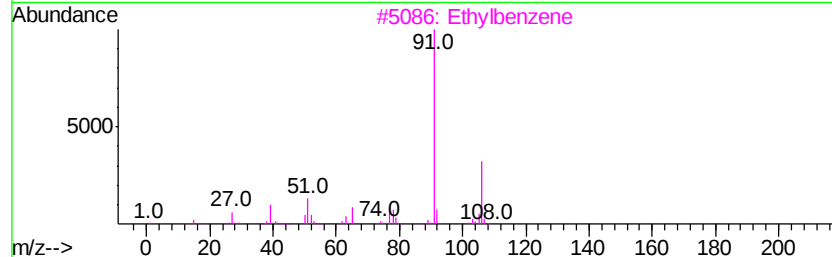
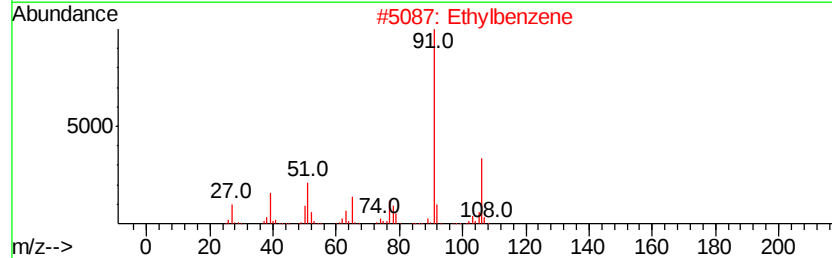
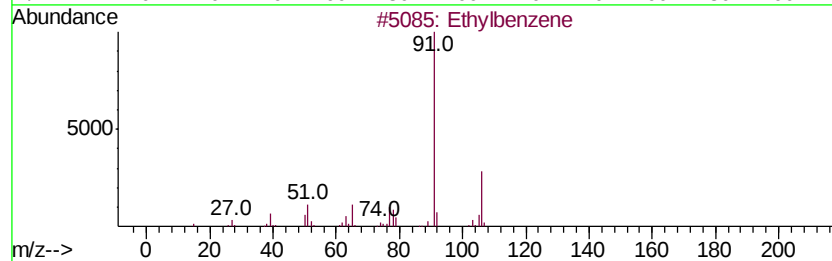
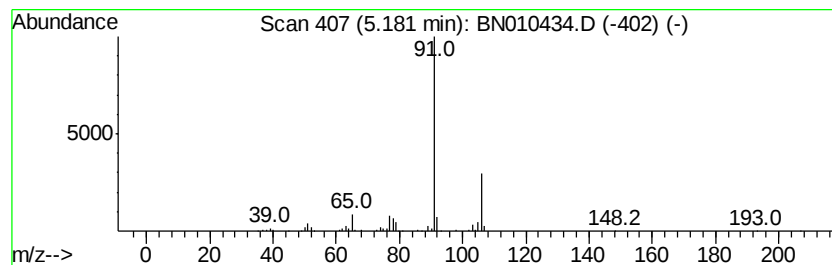
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Ethylbenzene Concentration Rank 38

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 5.18 | 2.76 ng/ul | 462019 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 93   |
| 2    |    | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 90   |
| 3    |    | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 90   |
| 4    |    | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 90   |
| 5    |    | p-Xylene     | 106 | C8H10   | 000106-42-3 | 68   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

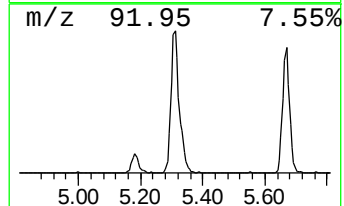
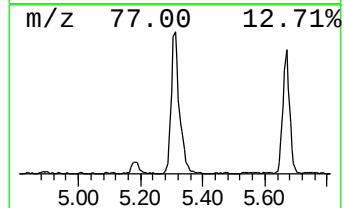
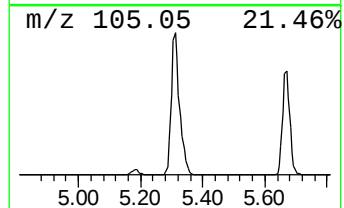
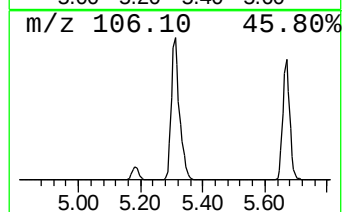
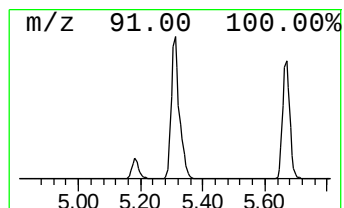
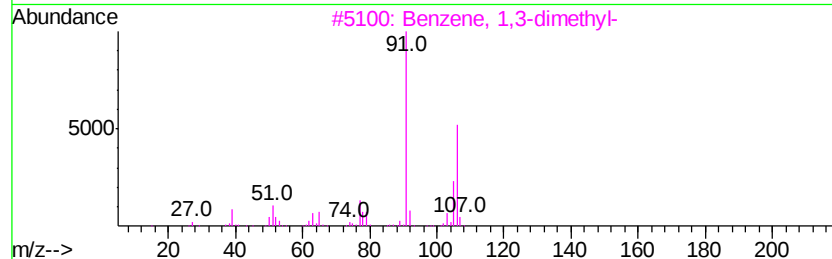
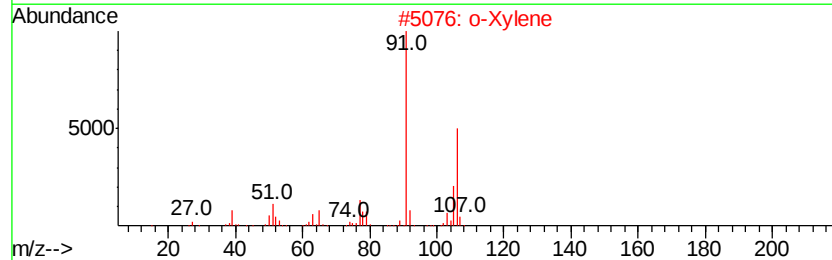
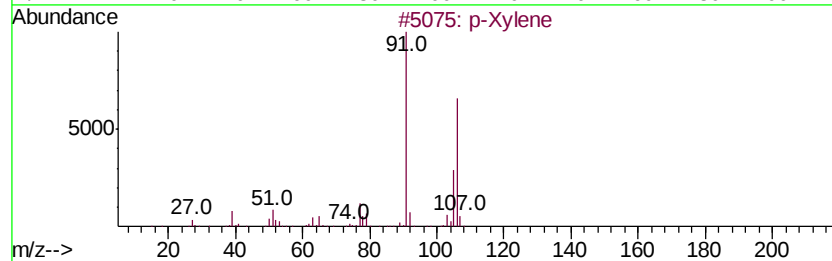
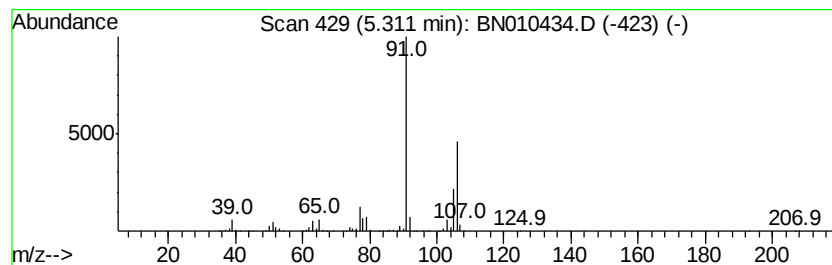
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 p-Xylene Concentration Rank 5

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 5.31 | 26.01 ng/ul | 4359820 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | p-Xylene               | 106 | C8H10   | 000106-42-3 | 95   |
| 2    |    | o-Xylene               | 106 | C8H10   | 000095-47-6 | 95   |
| 3    |    | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 95   |
| 4    |    | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 95   |
| 5    |    | p-Xylene               | 106 | C8H10   | 000106-42-3 | 94   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

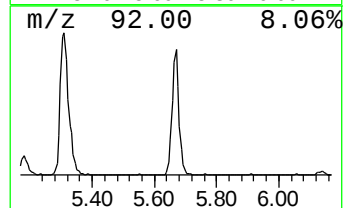
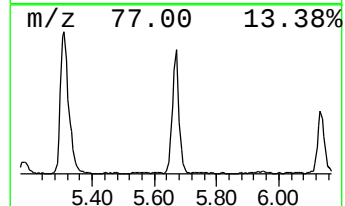
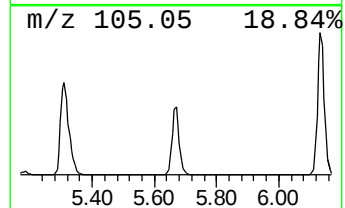
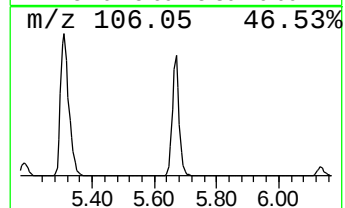
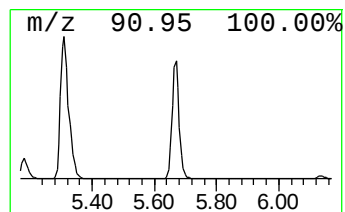
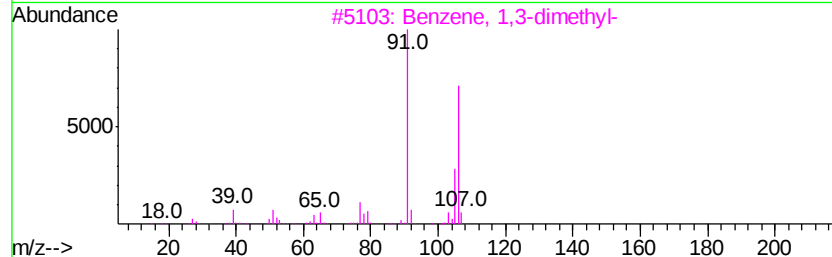
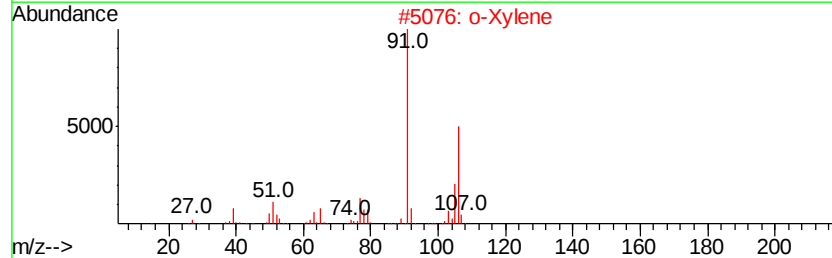
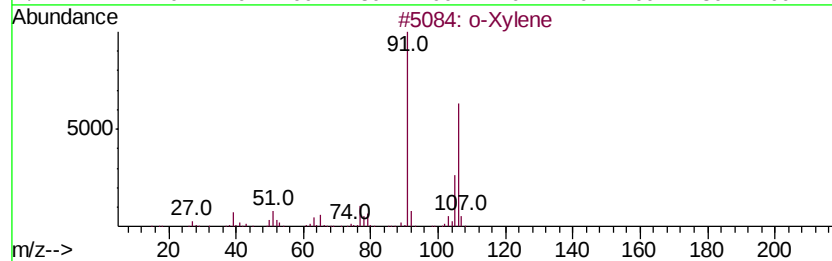
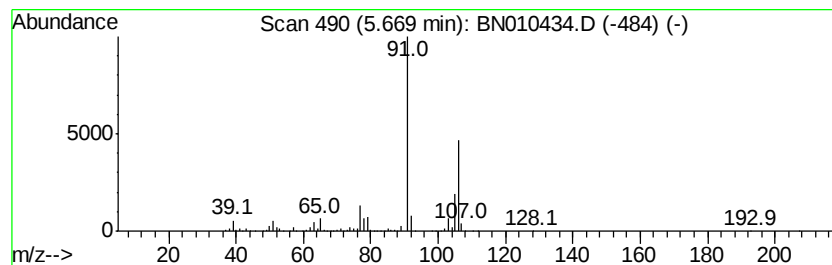
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 o-Xylene Concentration Rank 6

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 5.67 | 22.82 ng/ul | 3825270 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | o-Xylene               | 106 | C8H10   | 000095-47-6 | 95   |
| 2    |    | o-Xylene               | 106 | C8H10   | 000095-47-6 | 95   |
| 3    |    | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 95   |
| 4    |    | p-Xylene               | 106 | C8H10   | 000106-42-3 | 95   |
| 5    |    | p-Xylene               | 106 | C8H10   | 000106-42-3 | 95   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

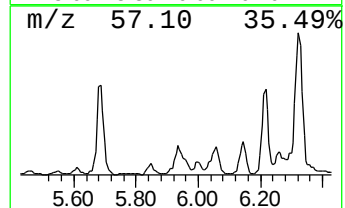
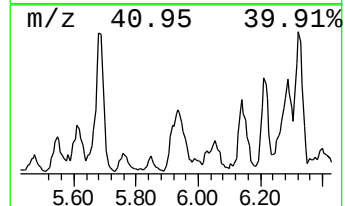
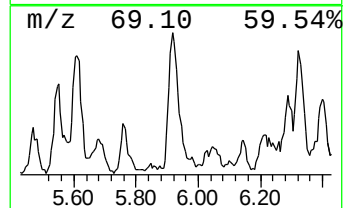
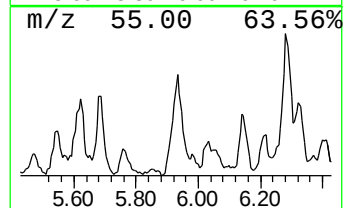
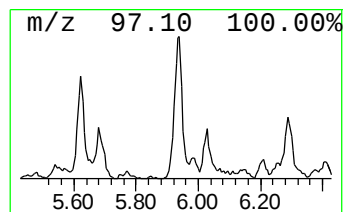
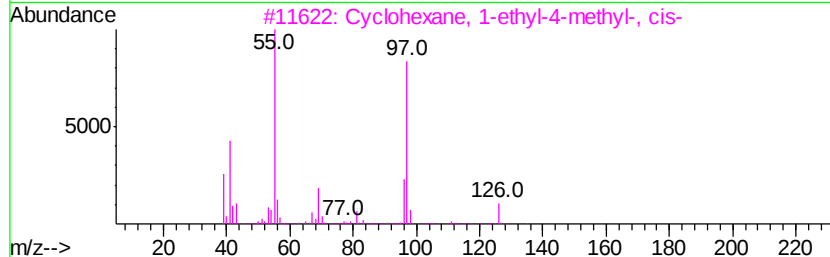
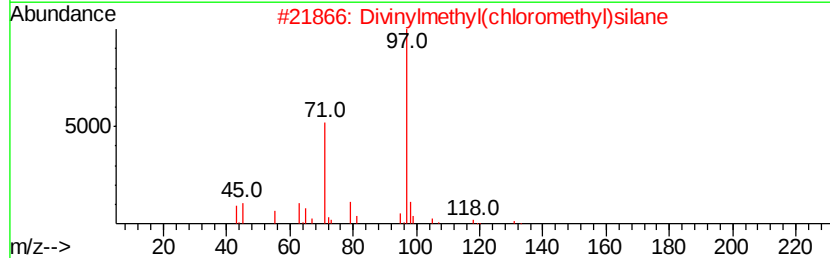
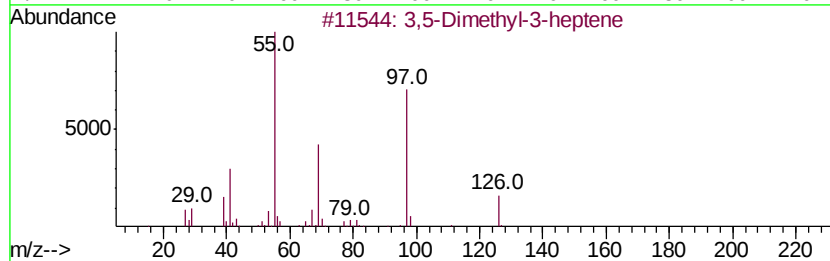
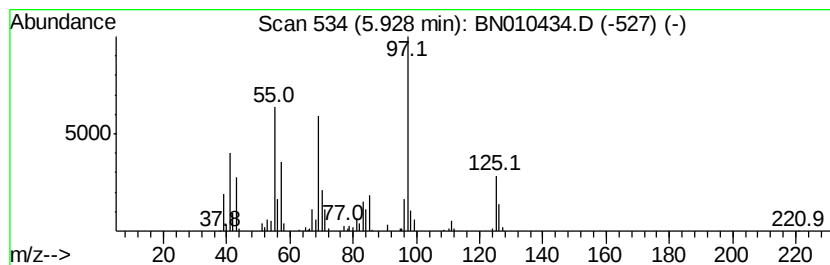
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 3,5-Dimethyl-3-heptene Concentration Rank 25

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 5.93 | 4.46 ng/ul | 747963 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 3,5-Dimethyl-3-heptene              | 126 | C9H18     | 059643-68-4 | 53   |
| 2    |    | Divinylmethyl(chloromethyl)silane   | 146 | C6H11ClSi | 025202-02-2 | 50   |
| 3    |    | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18     | 004926-78-7 | 49   |
| 4    |    | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18     | 004923-78-8 | 49   |
| 5    |    | 3,5-Dimethyl-3-heptene              | 126 | C9H18     | 059643-68-4 | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

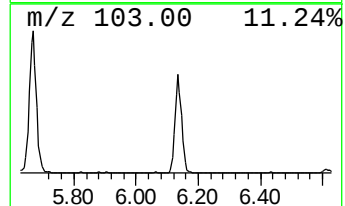
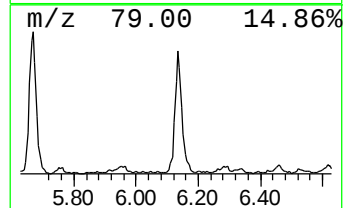
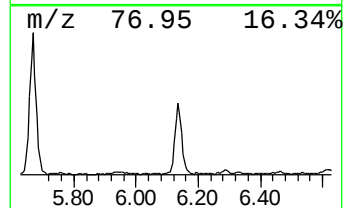
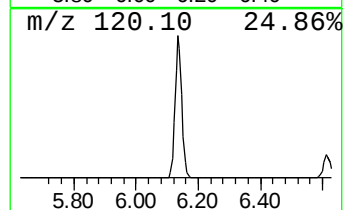
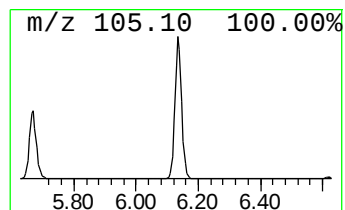
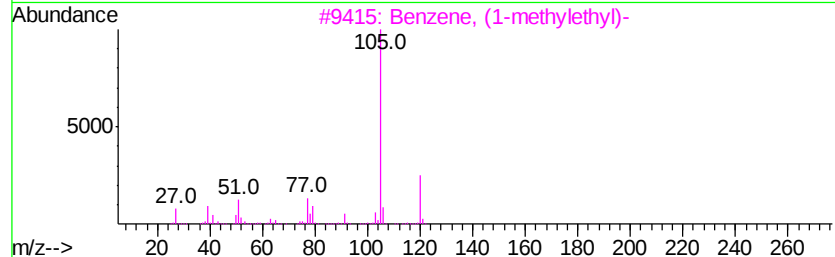
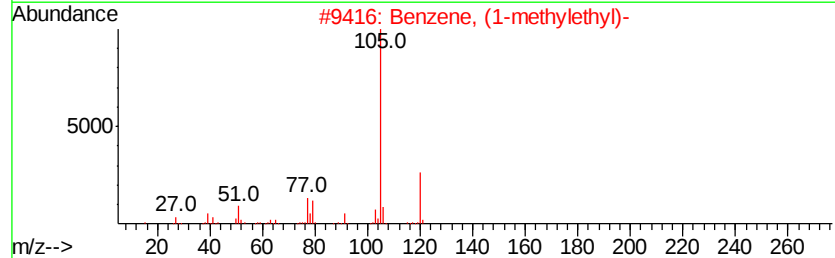
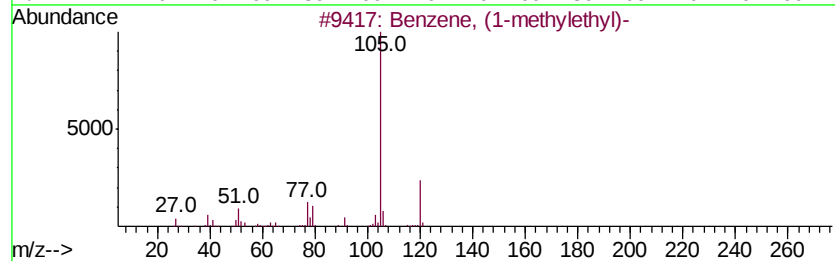
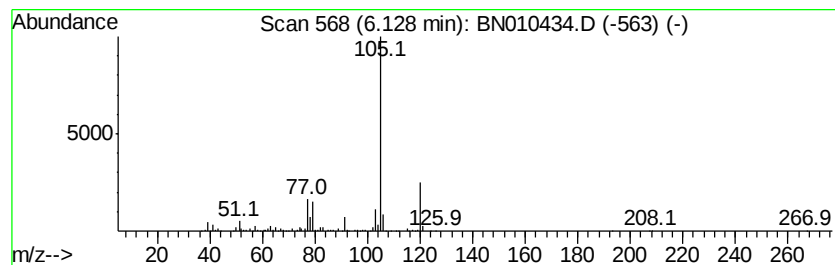
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Benzene, (1-methylethyl)- Concentration Rank 14

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.13 | 9.23 ng/ul | 1546720 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, (1-methylethyl)-  | 120 | C9H12   | 000098-82-8 | 91   |
| 2    |    | Benzene, (1-methylethyl)-  | 120 | C9H12   | 000098-82-8 | 91   |
| 3    |    | Benzene, (1-methylethyl)-  | 120 | C9H12   | 000098-82-8 | 91   |
| 4    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

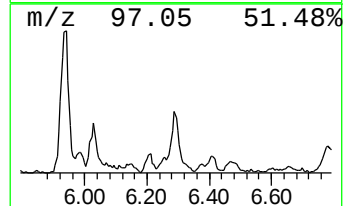
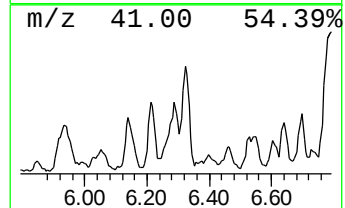
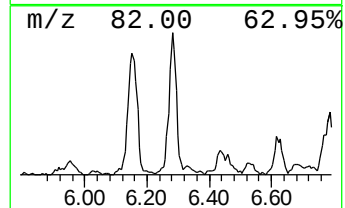
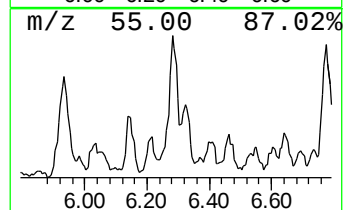
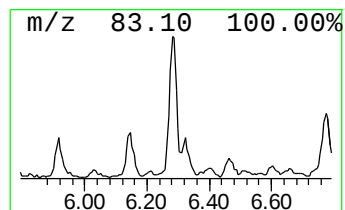
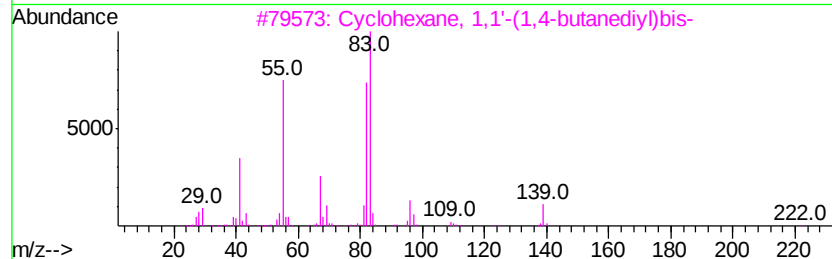
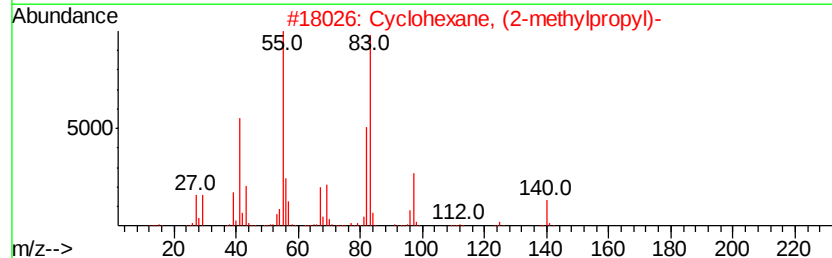
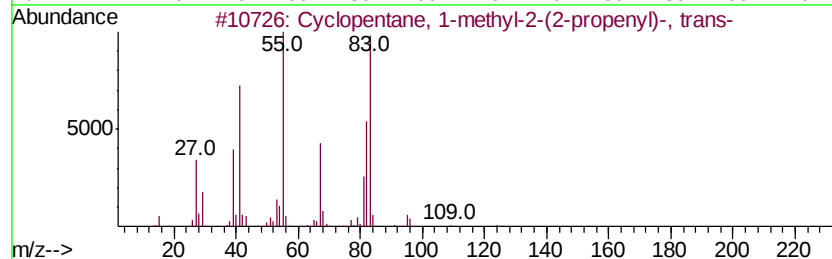
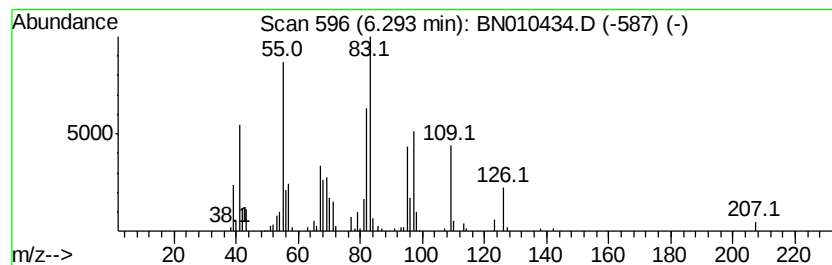
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Cyclopentane, 1-methyl-2-(2... Concentration Rank 32

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.29 | 3.41 ng/ul | 571450 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclopentane, 1-methyl-2-(2-prop... | 124 | C9H16   | 050746-53-7 | 58   |
| 2    |    | Cyclohexane, (2-methylpropyl)-      | 140 | C10H20  | 001678-98-4 | 53   |
| 3    |    | Cyclohexane, 1,1'-(1,4-butanedi...  | 222 | C16H30  | 006165-44-2 | 53   |
| 4    |    | Cyclohexane, propyl-                | 126 | C9H18   | 001678-92-8 | 52   |
| 5    |    | Cyclohexane, propyl-                | 126 | C9H18   | 001678-92-8 | 52   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

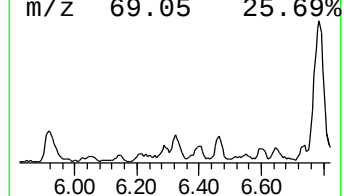
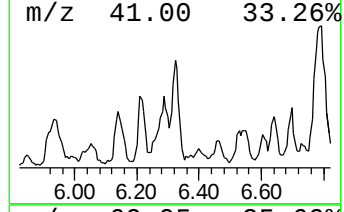
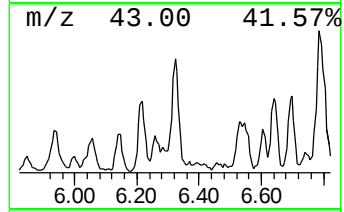
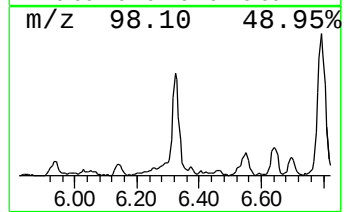
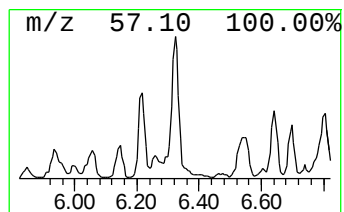
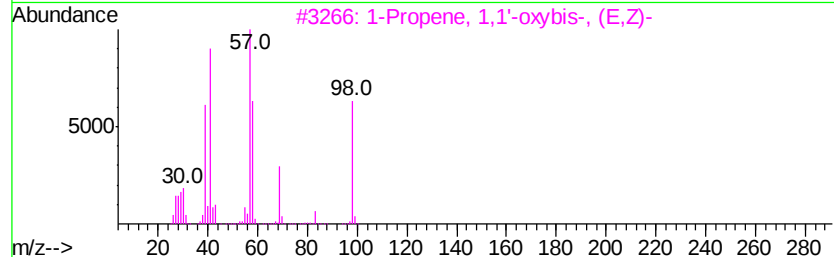
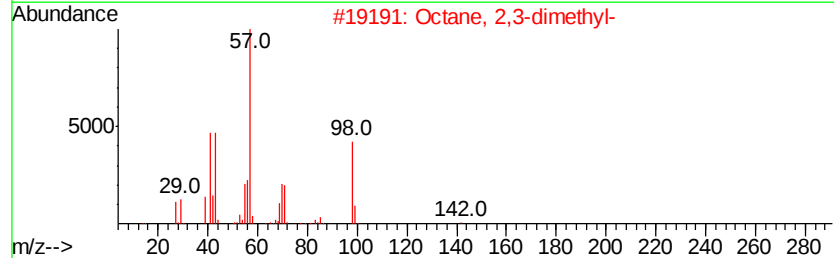
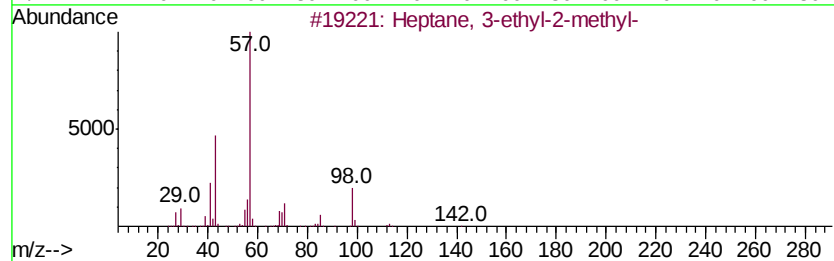
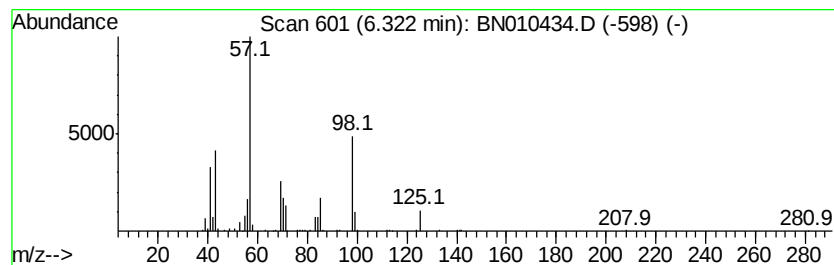
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.32 | 3.35 ng/ul | 561898 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 3-ethyl-2-methyl-      | 142 | C10H22  | 014676-29-0 | 56   |
| 2    |    |   | Octane, 2,3-dimethyl-           | 142 | C10H22  | 007146-60-3 | 52   |
| 3    |    |   | 1-Propene, 1,1'-oxybis-, (E,Z)- | 98  | C6H10O  | 004696-29-1 | 46   |
| 4    |    |   | Octane, 2,3-dimethyl-           | 142 | C10H22  | 007146-60-3 | 43   |
| 5    |    |   | Hexane, 3-ethyl-2,5-dimethyl-   | 142 | C10H22  | 052897-04-8 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

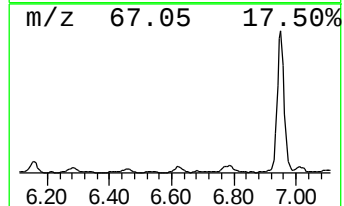
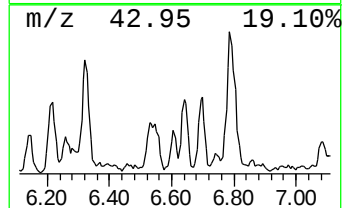
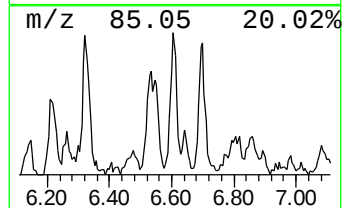
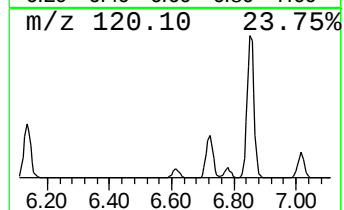
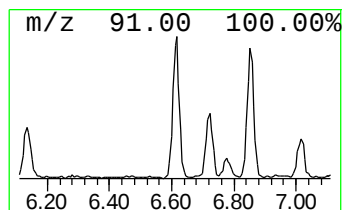
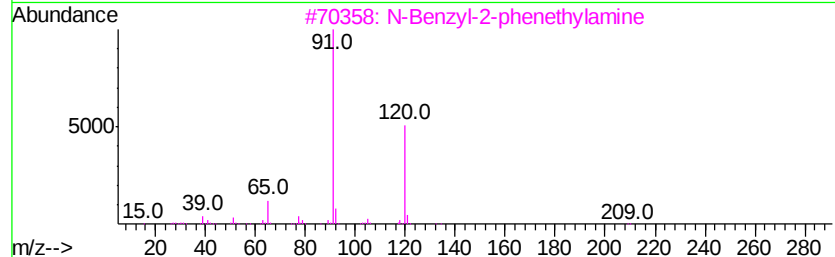
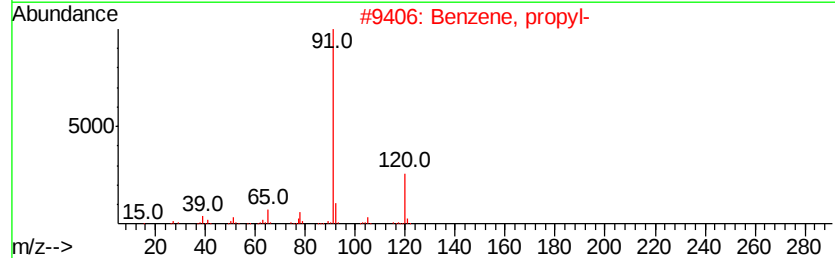
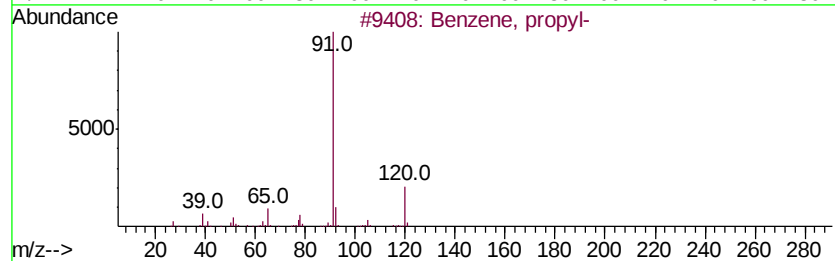
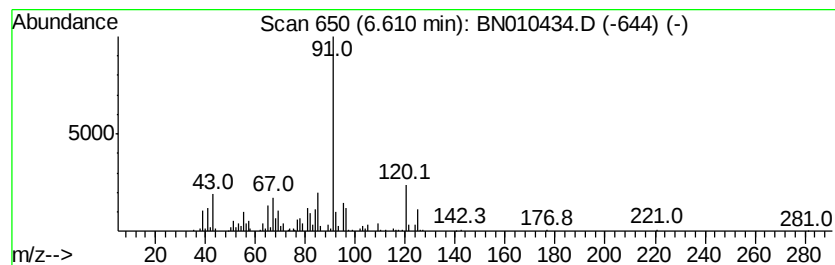
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 unknown-01 Concentration Rank 39

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.61 | 2.61 ng/ul | 437053 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzene, propyl-                   | 120 | C9H12     | 000103-65-1 | 42   |
| 2    |    |   | Benzene, propyl-                   | 120 | C9H12     | 000103-65-1 | 30   |
| 3    |    |   | N-Benzyl-2-phenethylamine          | 211 | C15H17N   | 003647-71-0 | 27   |
| 4    |    |   | Phenethylamine, N-benzyl-p-chloro- | 245 | C15H16ClN | 013622-43-0 | 27   |
| 5    |    |   | N-Benzyl-2-phenethylamine          | 211 | C15H17N   | 003647-71-0 | 27   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

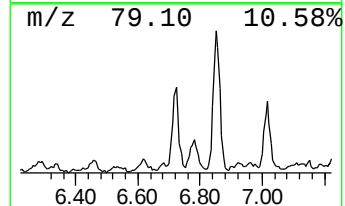
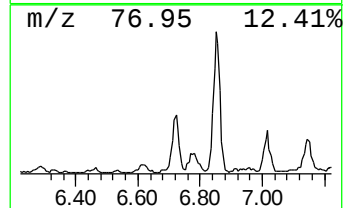
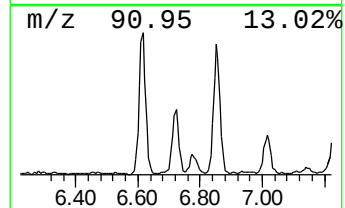
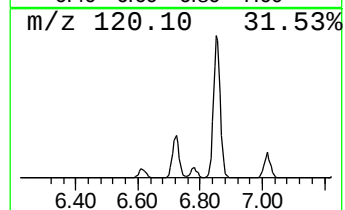
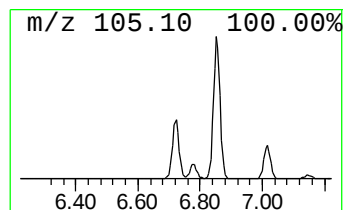
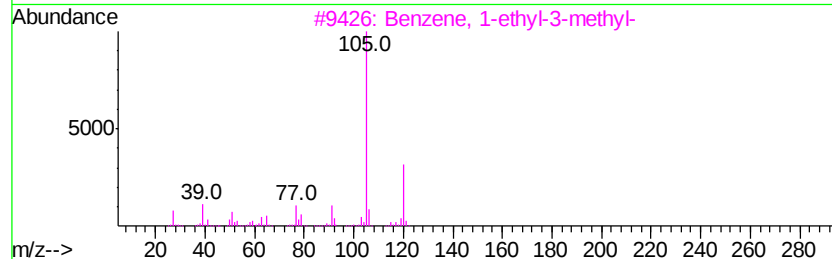
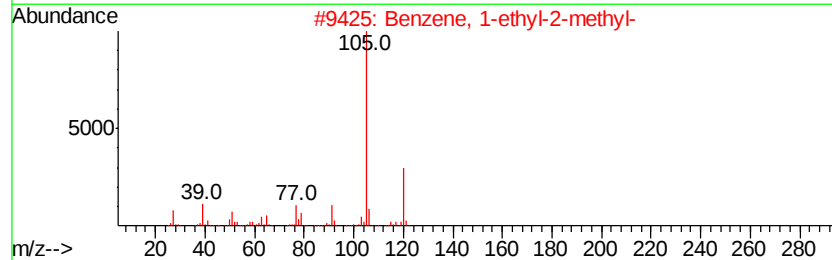
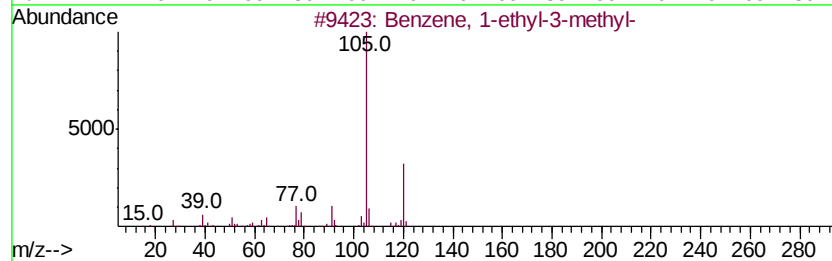
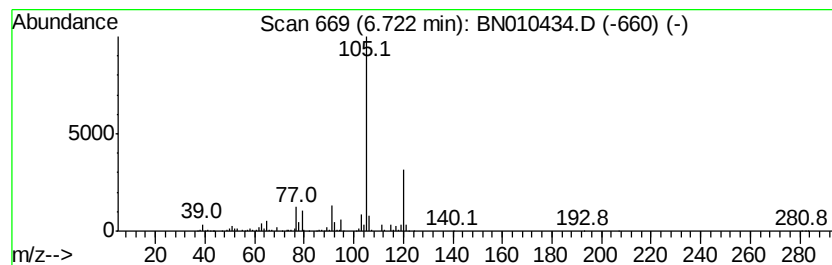
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 21

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.72 | 6.01 ng/ul | 1007860 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 93   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

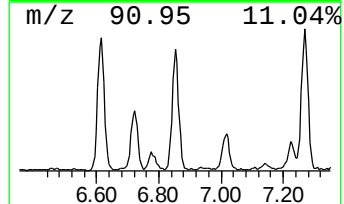
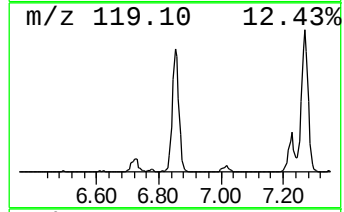
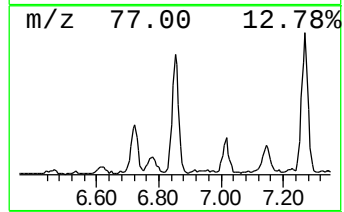
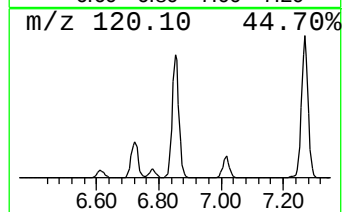
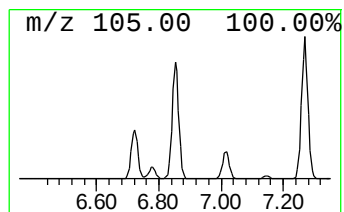
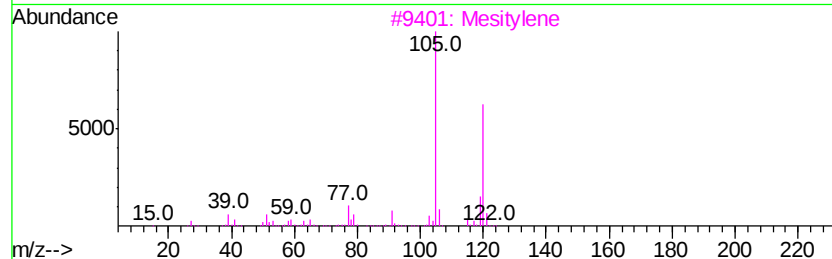
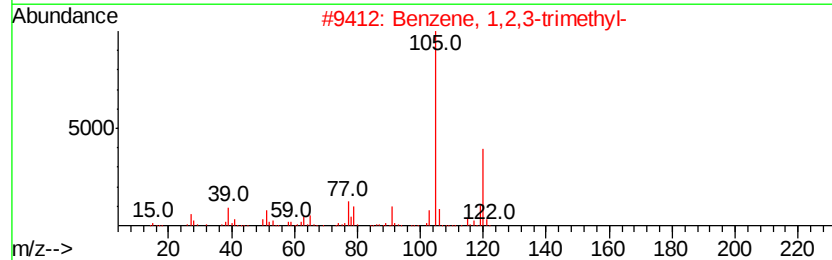
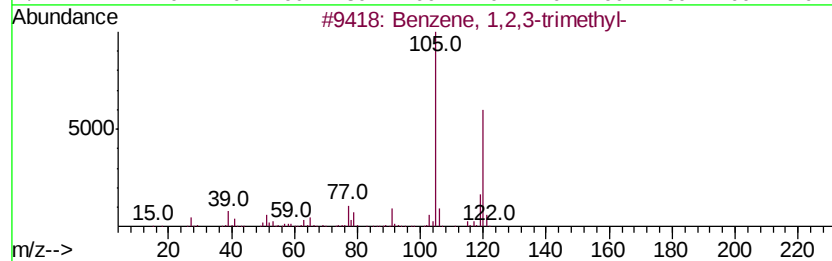
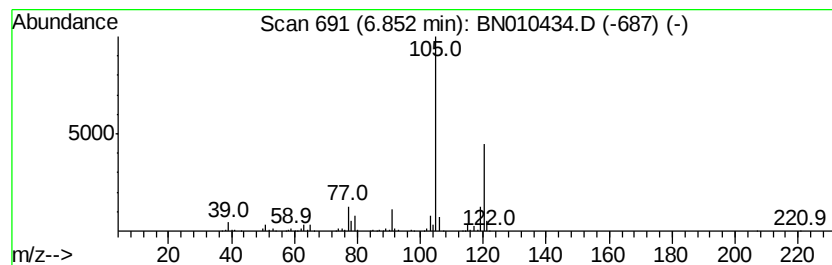
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 11

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 6.85 | 11.59 ng/ul | 1943330 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 2    |    | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |
| 4    |    | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

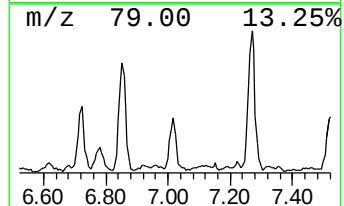
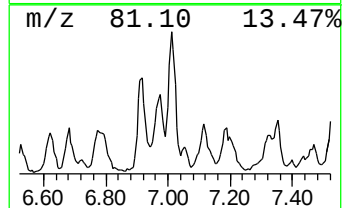
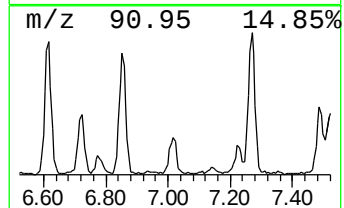
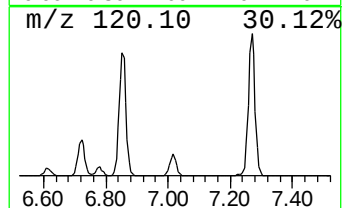
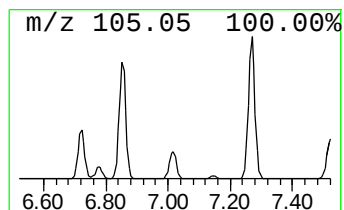
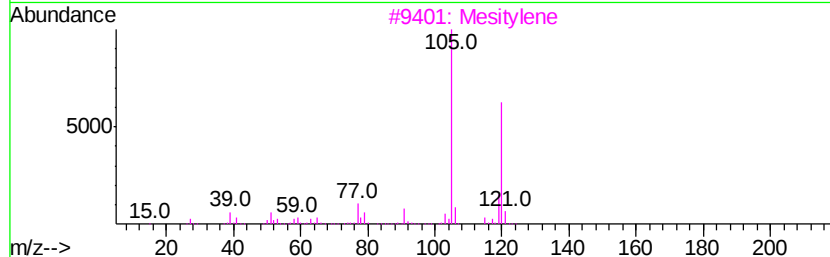
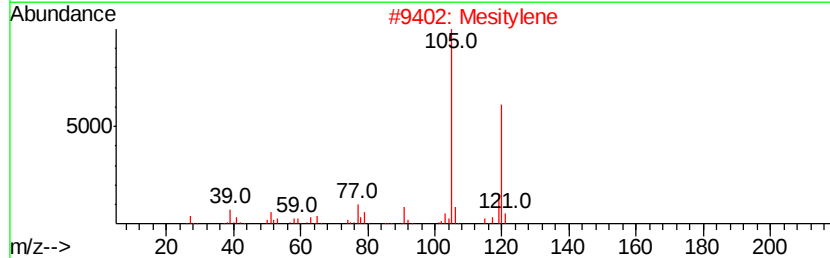
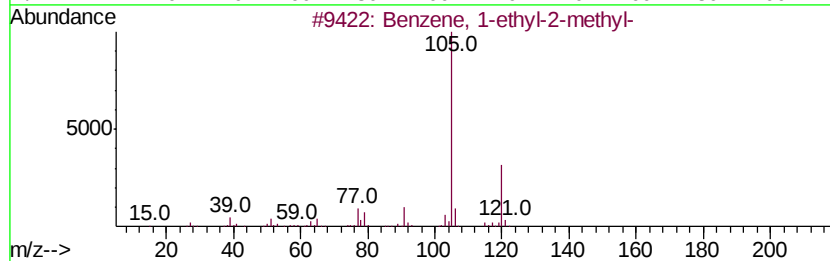
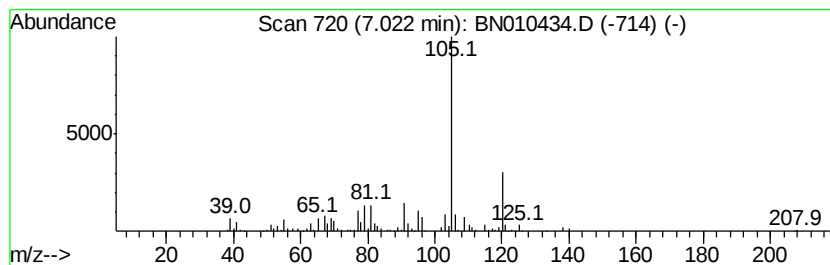
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 29

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.02 | 3.58 ng/ul | 600952 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 76   |
| 2    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 76   |
| 3    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 76   |
| 4    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 76   |
| 5    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 70   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

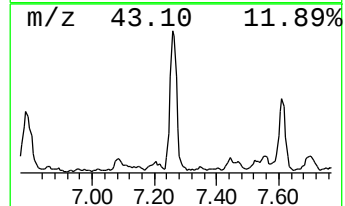
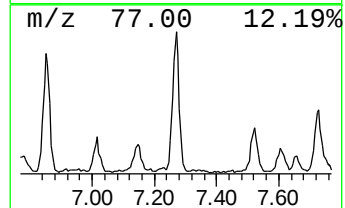
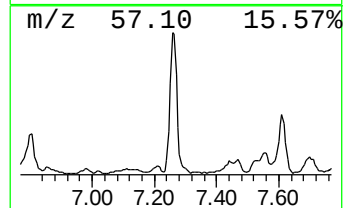
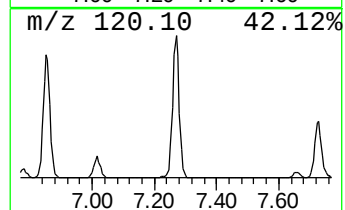
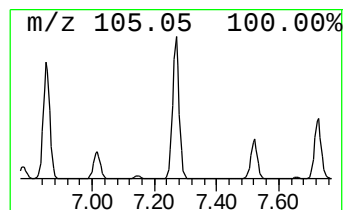
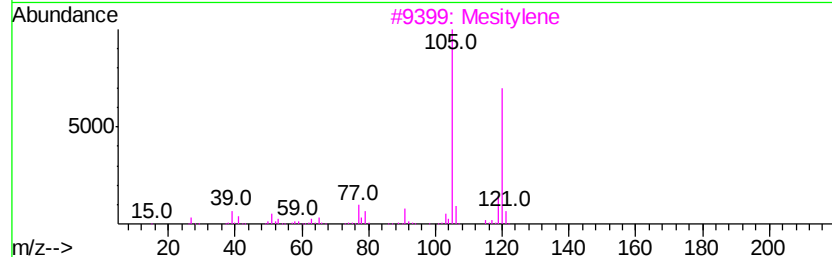
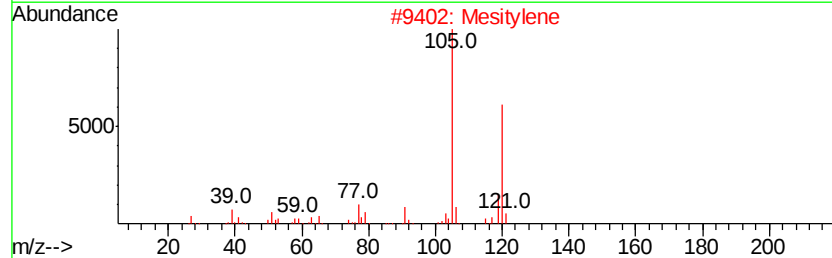
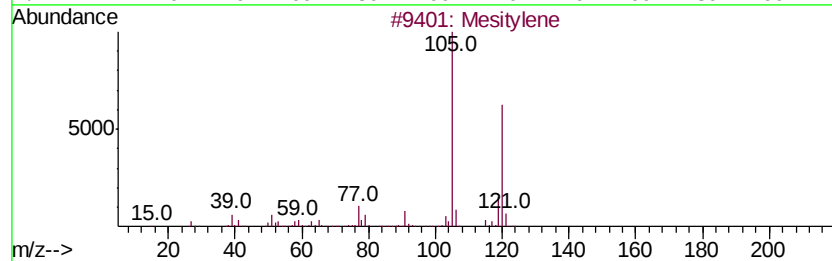
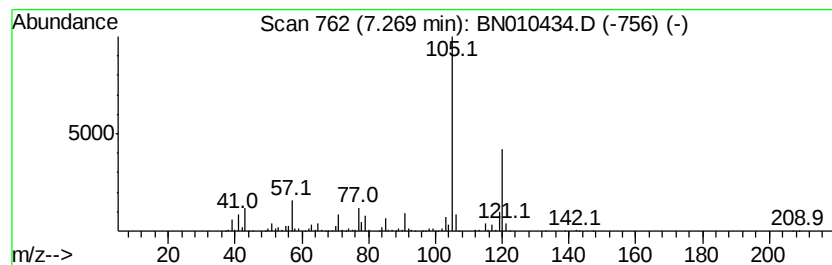
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 Mesitylene Concentration Rank 7

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 7.27 | 18.44 ng/ul | 3090590 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |
| 2    |    | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

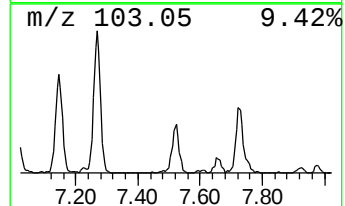
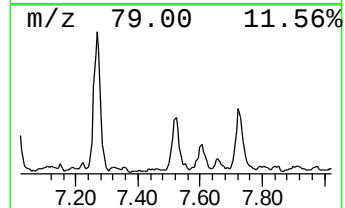
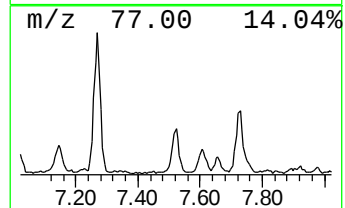
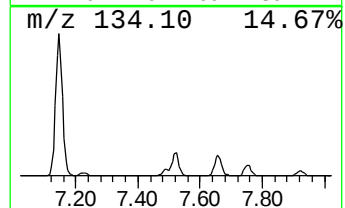
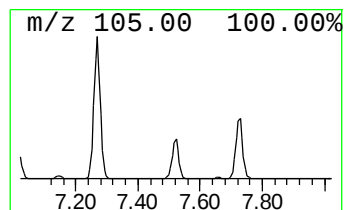
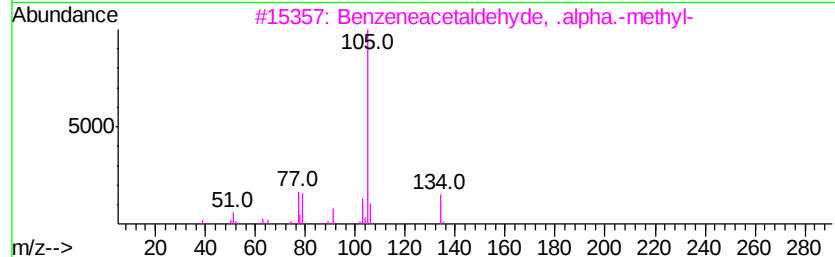
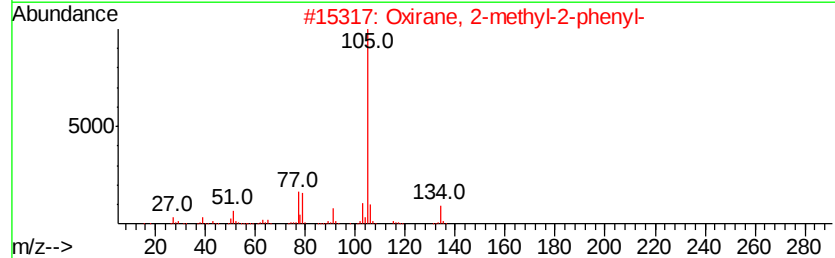
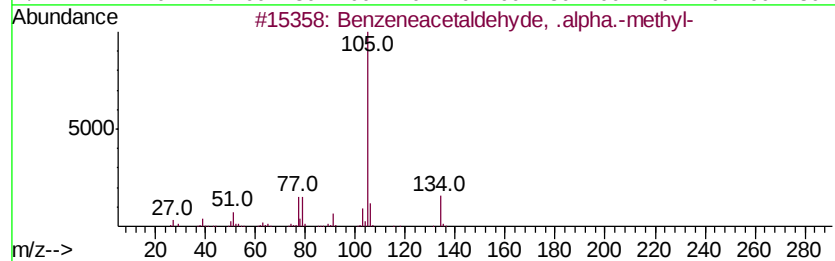
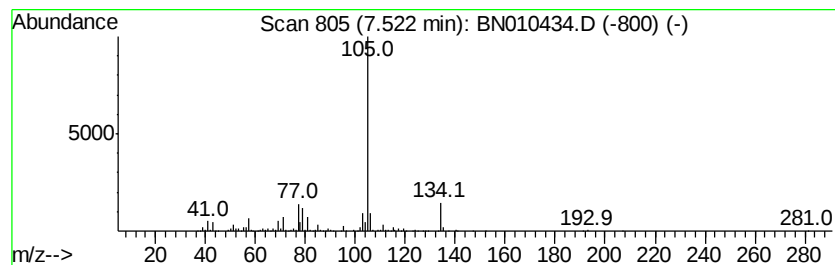
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Benzeneacetaldehyde, .alpha... Concentration Rank 23

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.52 | 5.53 ng/ul | 927200 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 87   |
| 2    |    |   | Oxirane, 2-methyl-2-phenyl-         | 134 | C9H10O  | 002085-88-3 | 83   |
| 3    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 83   |
| 4    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 83   |
| 5    |    |   | 2-Tolyloxirane                      | 134 | C9H10O  | 002783-26-8 | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

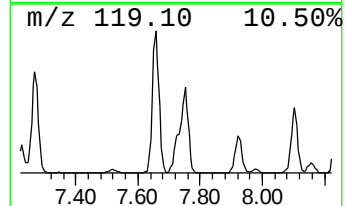
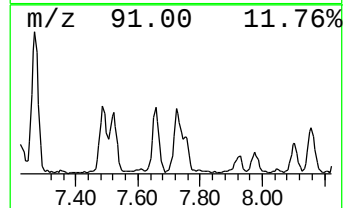
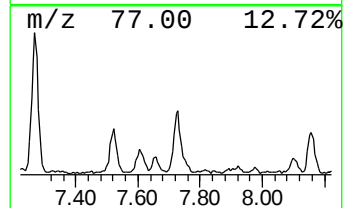
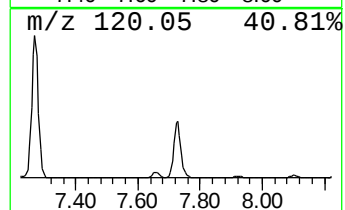
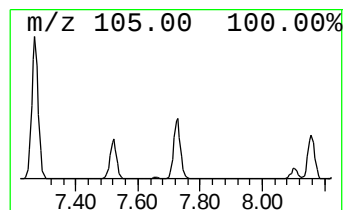
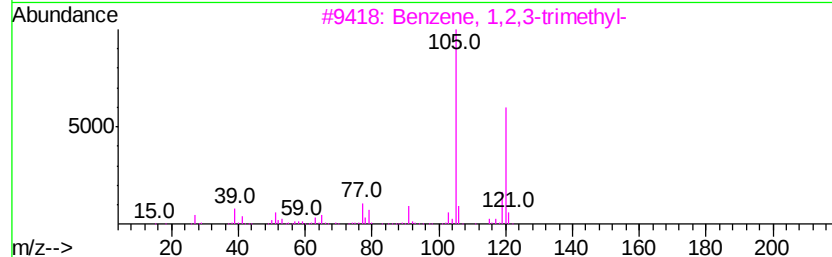
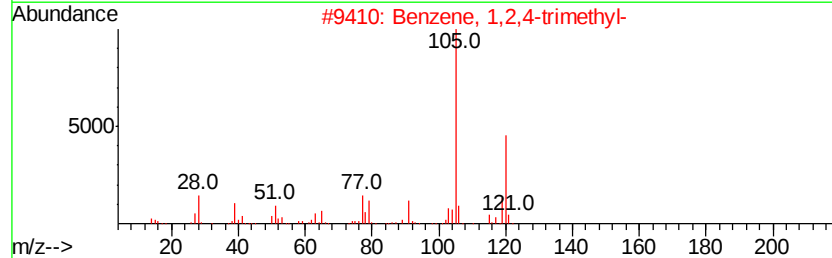
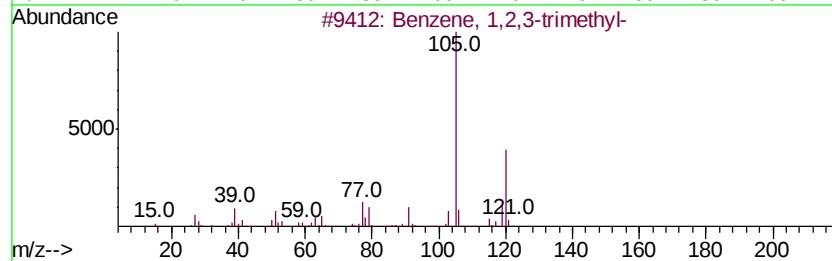
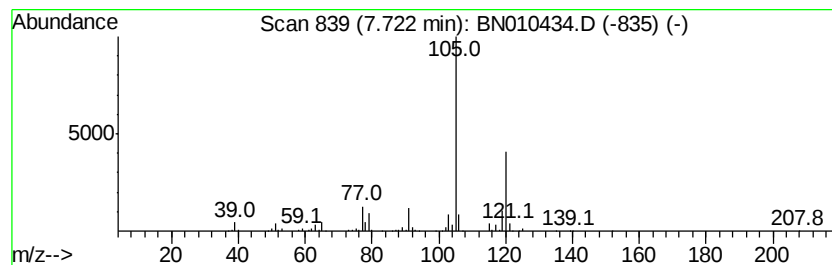
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Benzene, 1,2,4-trimethyl- Concentration Rank 17

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 7.72 | 7.37 ng/ul | 1236330 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 3    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 94   |
| 4    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 5    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

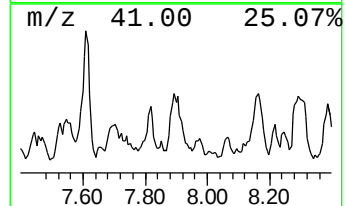
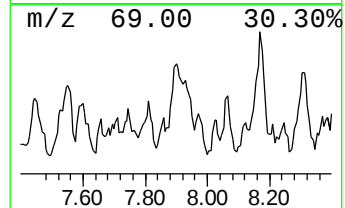
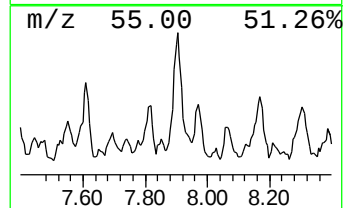
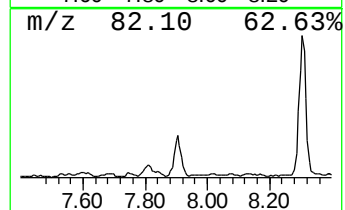
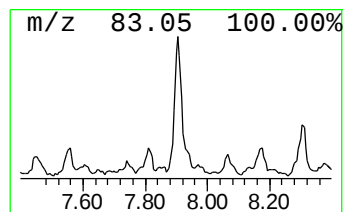
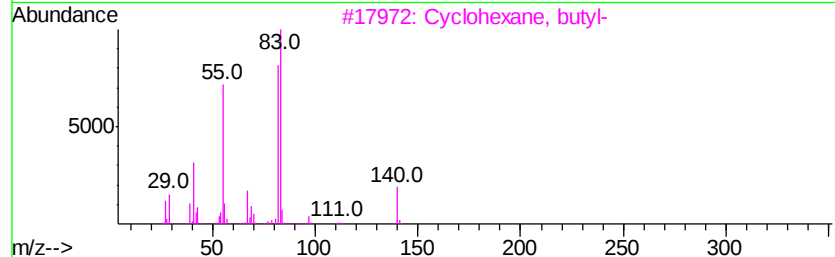
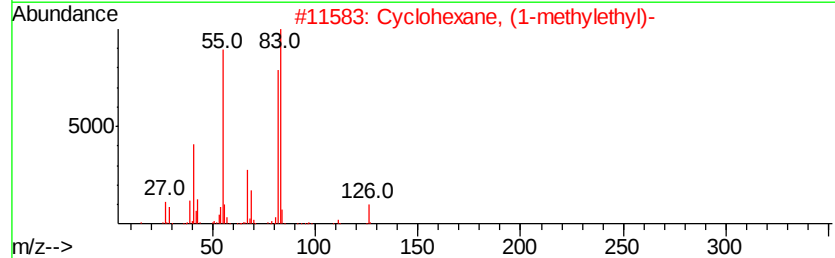
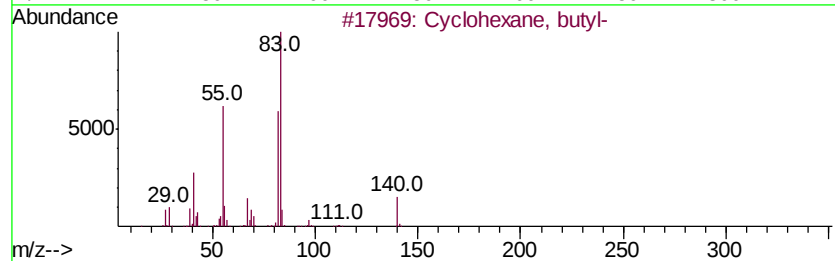
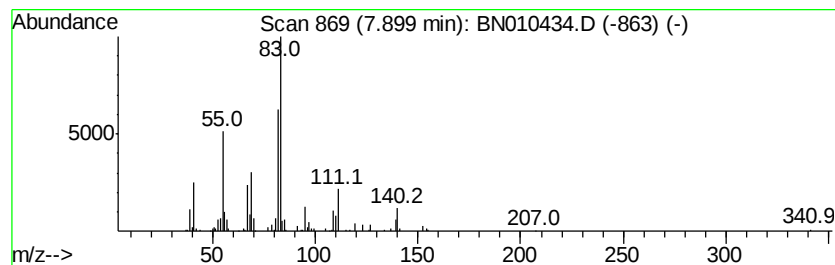
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 (DEL) Alkane: Cyclic7.90 Concentration Rank 28

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.90 | 3.98 ng/ul | 666540 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, butyl-           | 140 | C10H20  | 001678-93-9 | 62   |
| 2    |    | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 59   |
| 3    |    | Cyclohexane, butyl-           | 140 | C10H20  | 001678-93-9 | 58   |
| 4    |    | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 53   |
| 5    |    | Cyclohexane, (1-methylethyl)- | 126 | C9H18   | 000696-29-7 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

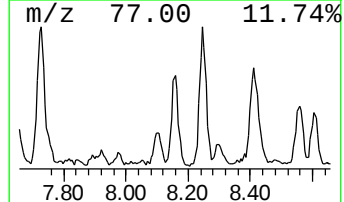
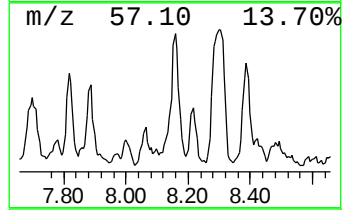
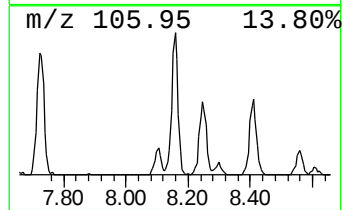
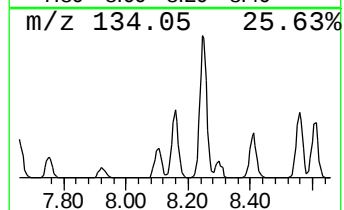
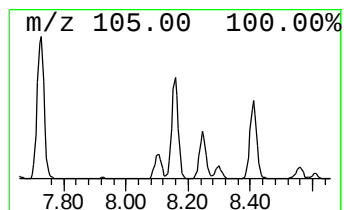
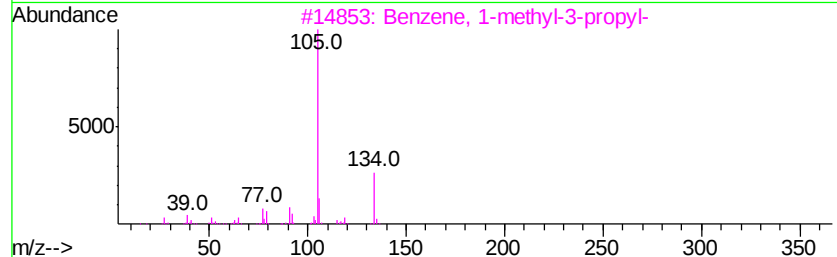
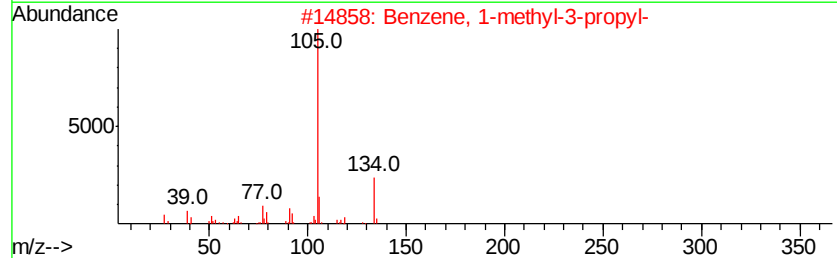
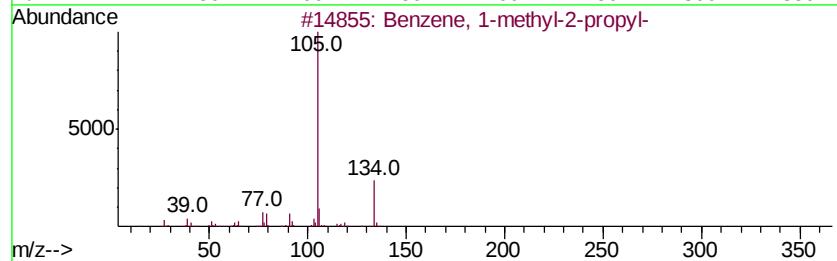
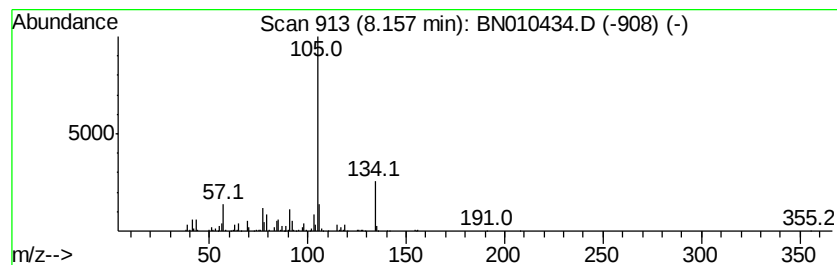
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 Benzene, 1-methyl-2-propyl- Concentration Rank 20

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.16 | 6.04 ng/ul | 1012100 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 93   |
| 2    |    | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 87   |
| 3    |    | Benzene, 1-methyl-3-propyl- | 134 | C10H14  | 001074-43-7 | 87   |
| 4    |    | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 81   |
| 5    |    | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 68   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

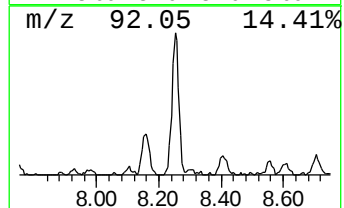
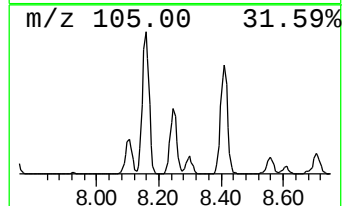
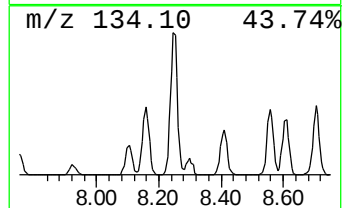
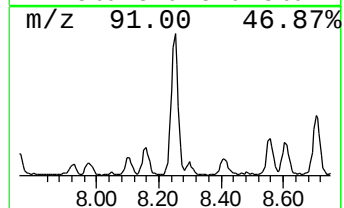
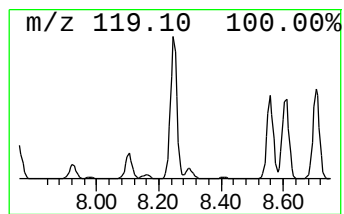
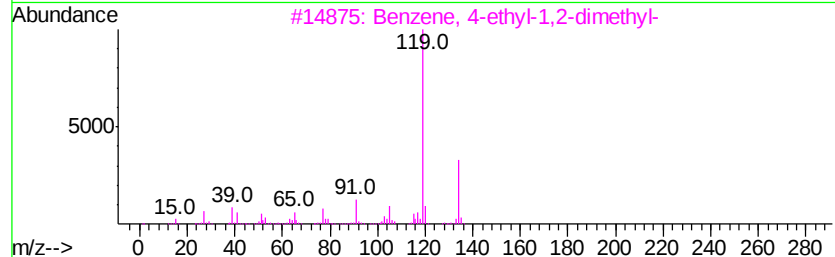
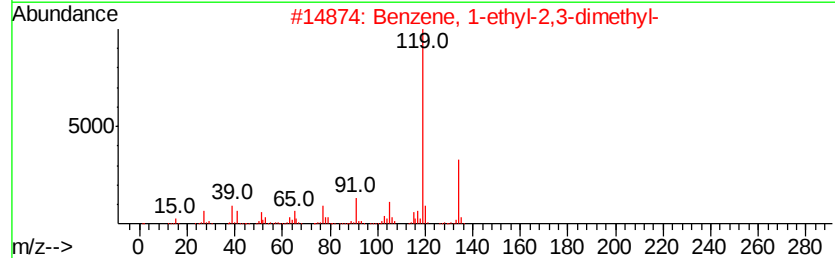
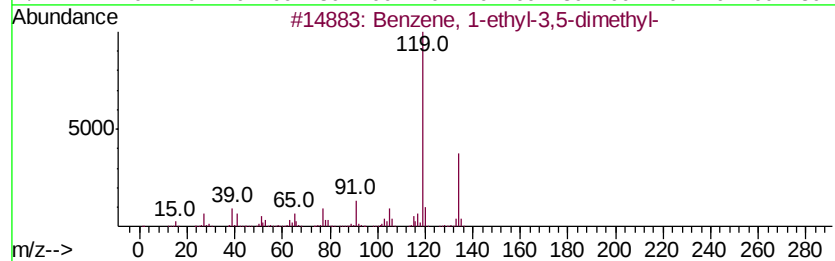
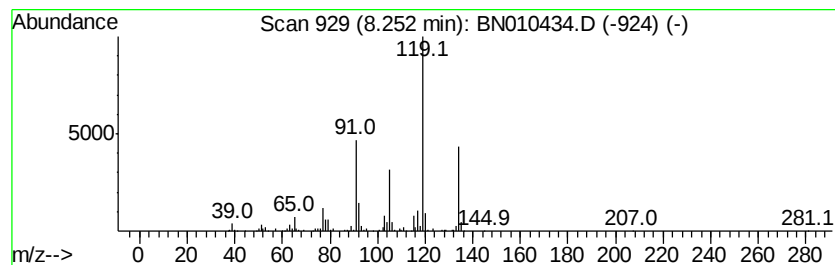
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.25 | 7.78 ng/ul | 1304110 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3,5-dimethyl-      | 134 | C10H14  | 000934-74-7 | 95   |
| 2    |    | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 93   |
| 3    |    | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 93   |
| 4    |    | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 93   |
| 5    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

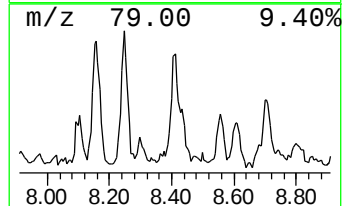
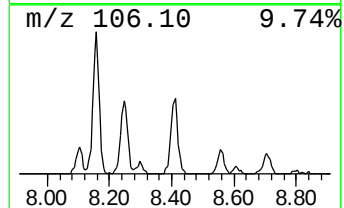
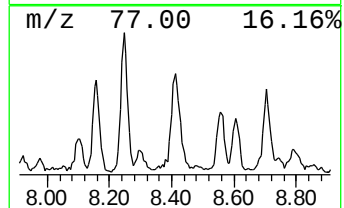
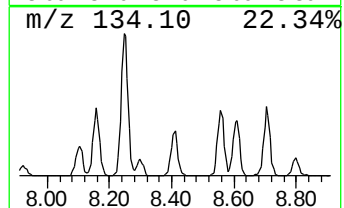
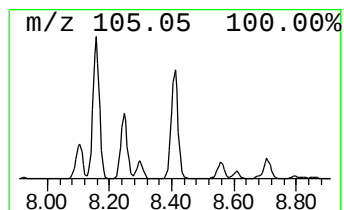
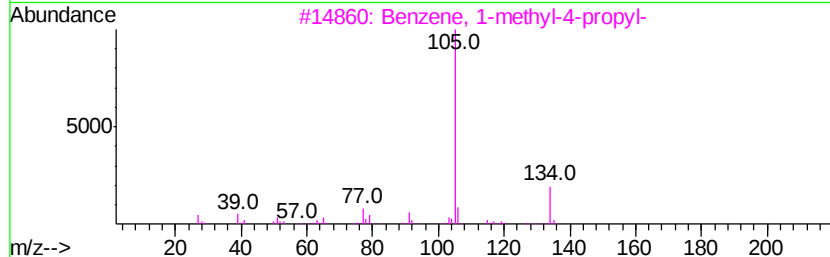
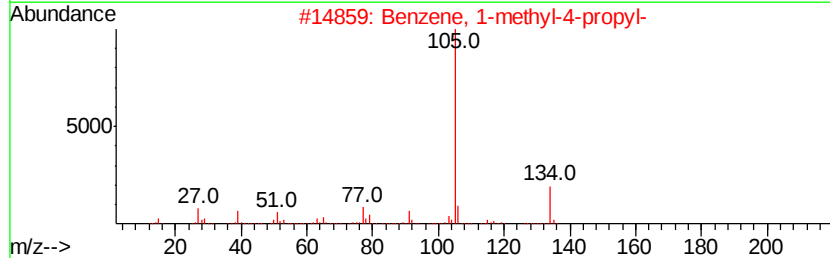
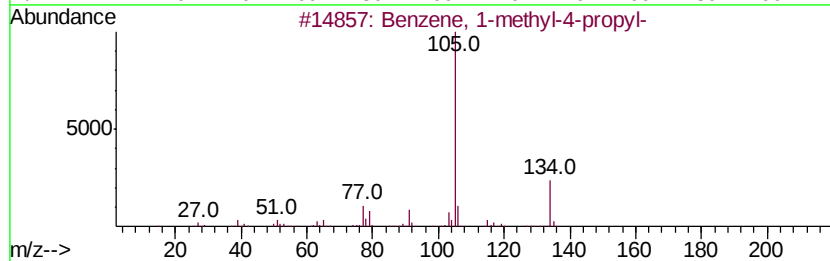
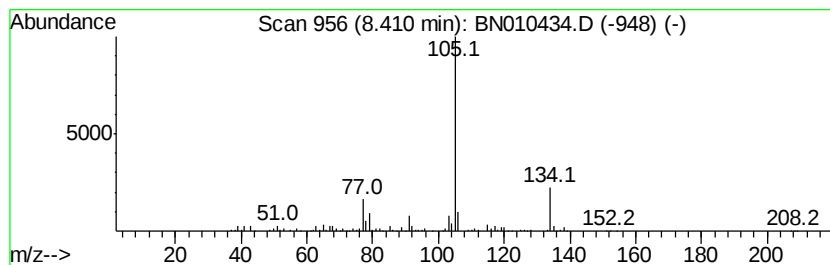
Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 21 Benzene, 1-methyl-4-propyl- Concentration Rank 22

| R.T.    | EstConc                     | Area         | Relative to ISTD       | R.T.      |
|---------|-----------------------------|--------------|------------------------|-----------|
| 8.41    | 6.00 ng/ul                  | 1005630      | 1,4-Dichlorobenzene-d4 | 7.60      |
| Hit# of | 5                           | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Benzene, 1-methyl-4-propyl- | 134 C10H14   | 001074-55-1            | 94        |
| 2       | Benzene, 1-methyl-4-propyl- | 134 C10H14   | 001074-55-1            | 91        |
| 3       | Benzene, 1-methyl-4-propyl- | 134 C10H14   | 001074-55-1            | 91        |
| 4       | Benzene, 1-methyl-2-propyl- | 134 C10H14   | 001074-17-5            | 90        |
| 5       | Benzene, (1-methylpropyl)-  | 134 C10H14   | 000135-98-8            | 90        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

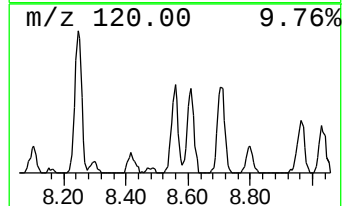
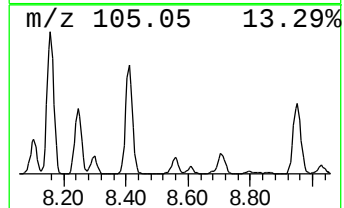
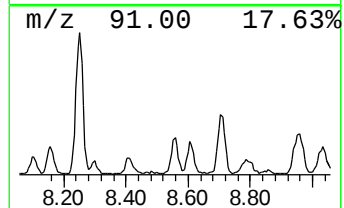
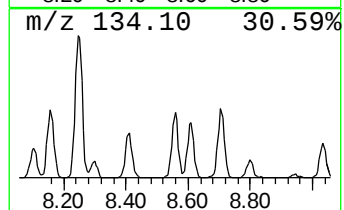
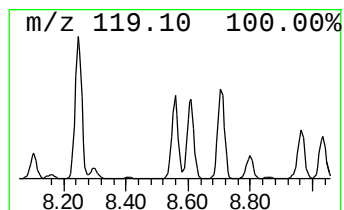
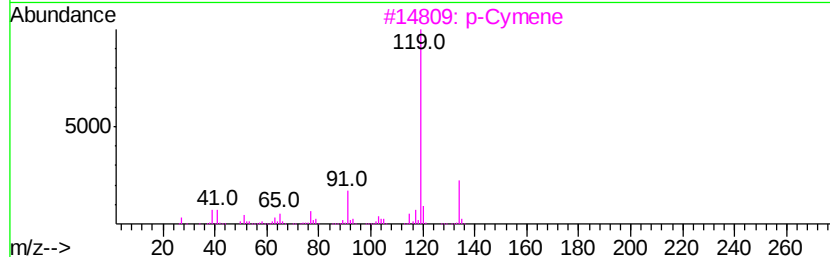
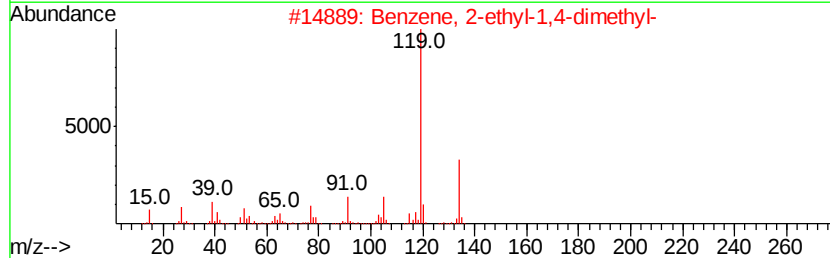
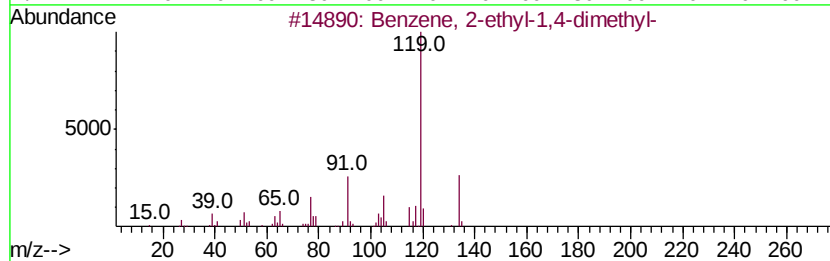
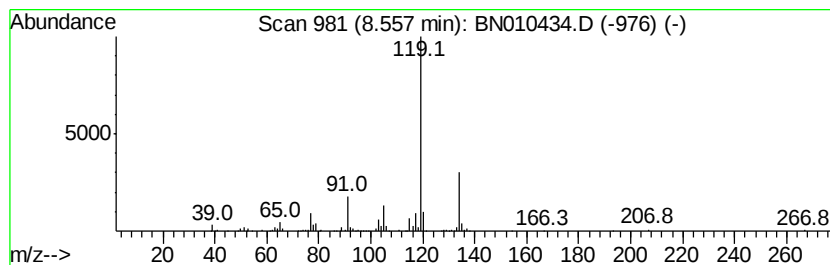
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 22 p-Cymene Concentration Rank 37

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.56 | 2.94 ng/ul | 493118 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 2    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 3    |    | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 95   |
| 4    |    | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

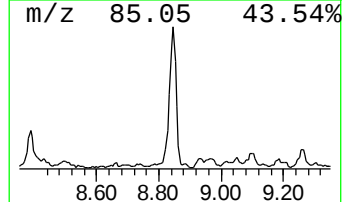
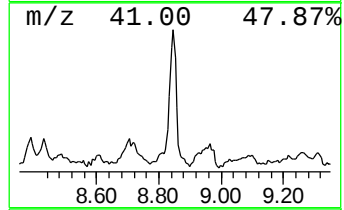
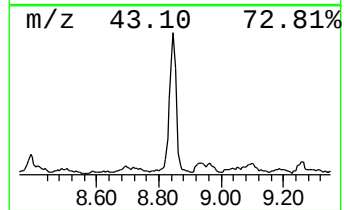
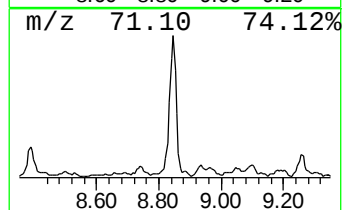
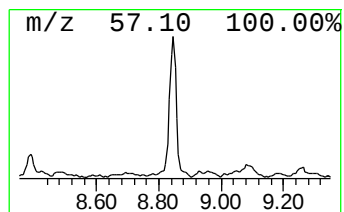
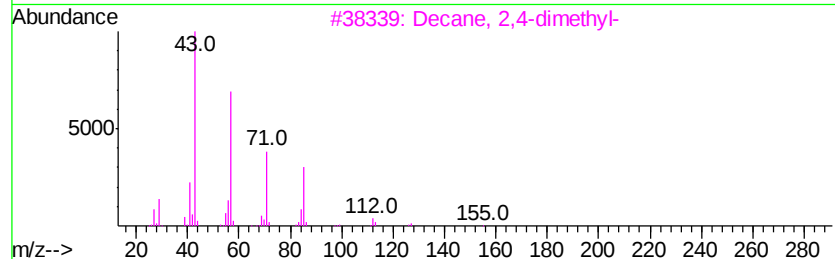
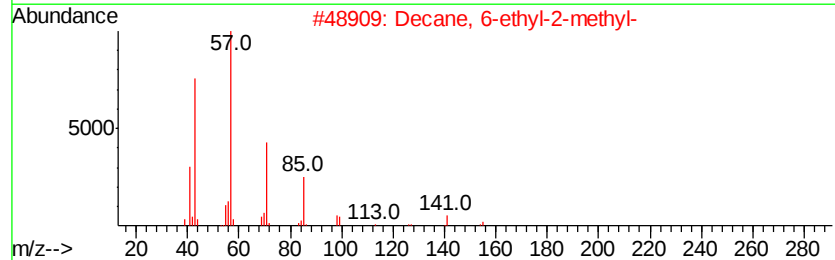
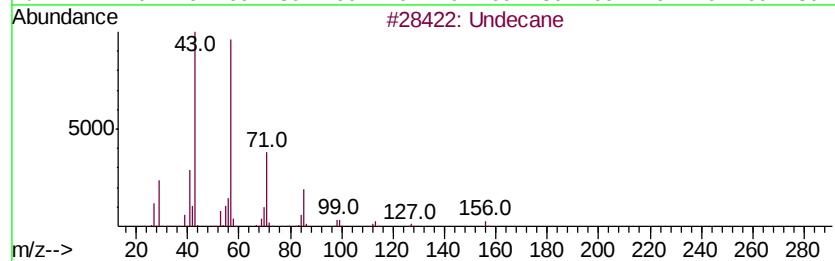
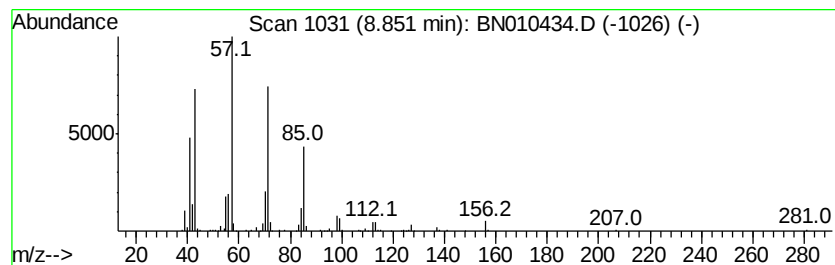
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.85 | 7.18 ng/ul | 1203040 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Undecane                  | 156 | C11H24  | 001120-21-4 | 87   |
| 2    |    | Decane, 6-ethyl-2-methyl- | 184 | C13H28  | 062108-21-8 | 64   |
| 3    |    | Decane, 2,4-dimethyl-     | 170 | C12H26  | 002801-84-5 | 64   |
| 4    |    | Decane                    | 142 | C10H22  | 000124-18-5 | 59   |
| 5    |    | Undecane                  | 156 | C11H24  | 001120-21-4 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

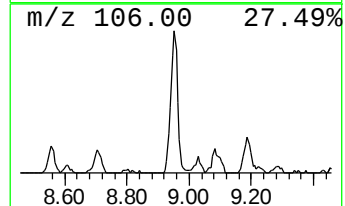
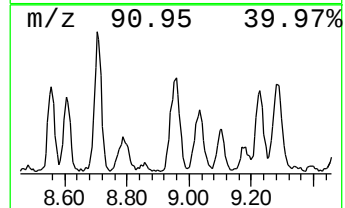
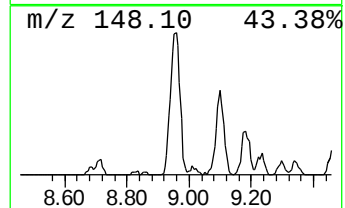
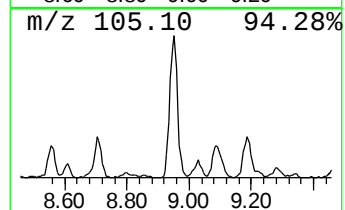
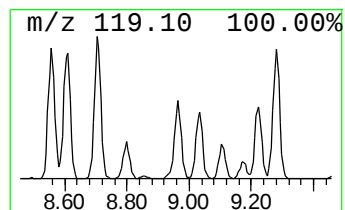
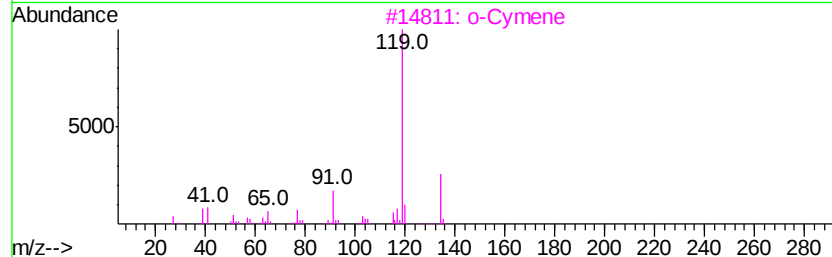
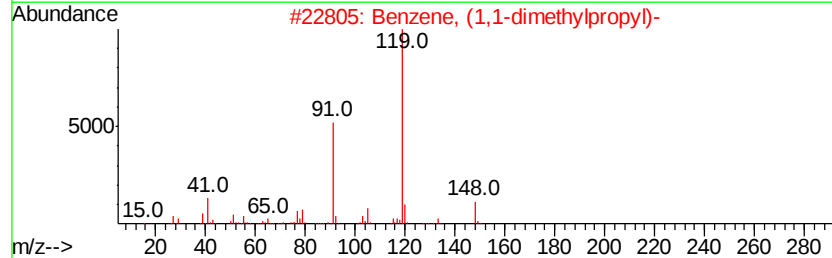
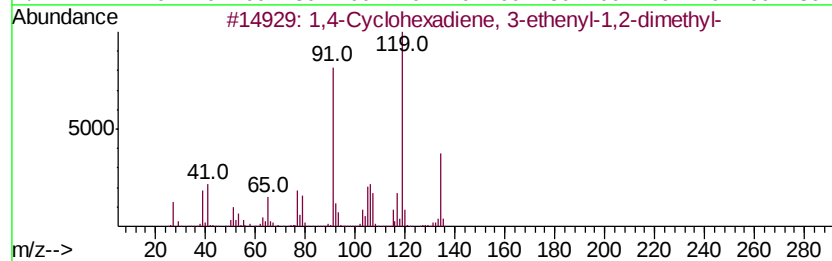
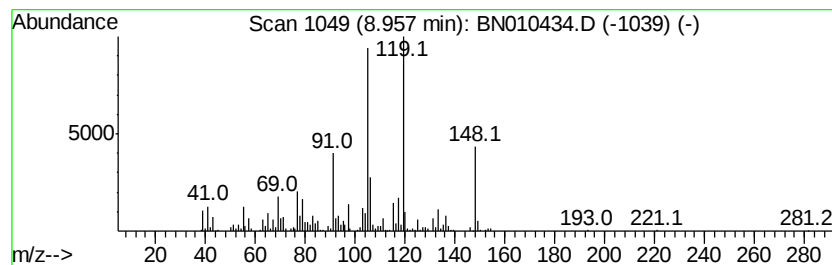
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 25 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 15

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.96 | 7.84 ng/ul | 1314080 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1,4-Cyclohexadiene, 3-ethenyl-1,... | 134 | C10H14  | 062338-57-2 | 53   |
| 2    |    | Benzene, (1,1-dimethylpropyl)-      | 148 | C11H16  | 002049-95-8 | 52   |
| 3    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 49   |
| 4    |    | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 46   |
| 5    |    | Benzene, (1-methylbutyl)-           | 148 | C11H16  | 002719-52-0 | 42   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

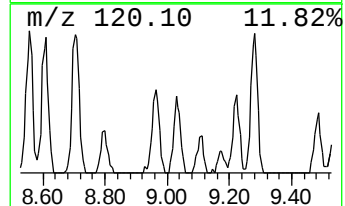
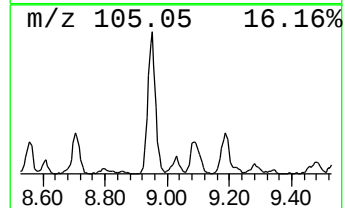
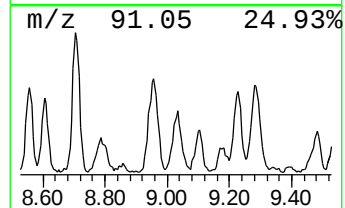
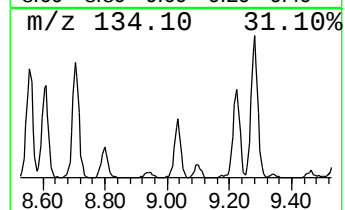
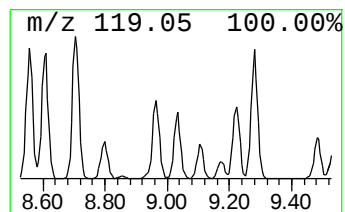
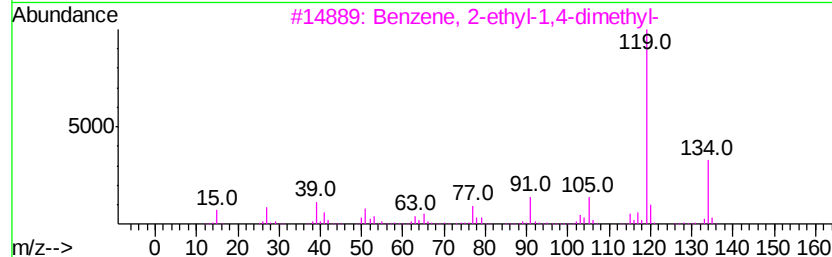
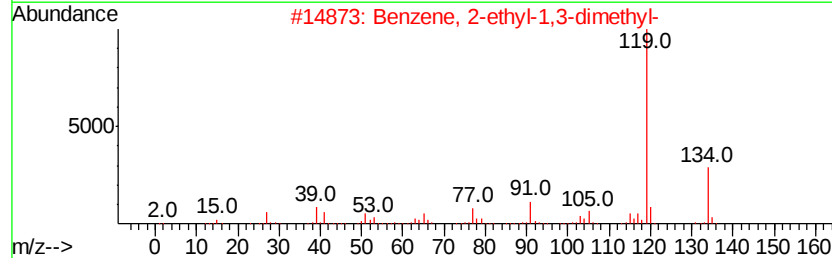
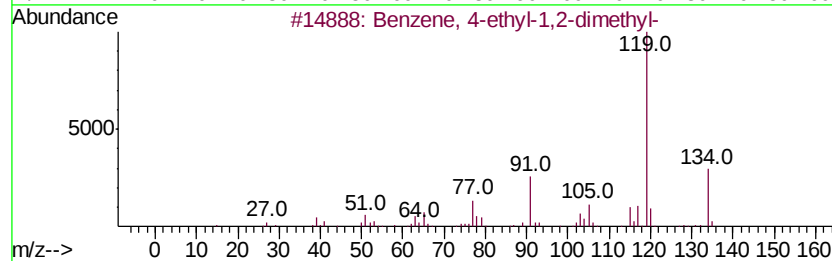
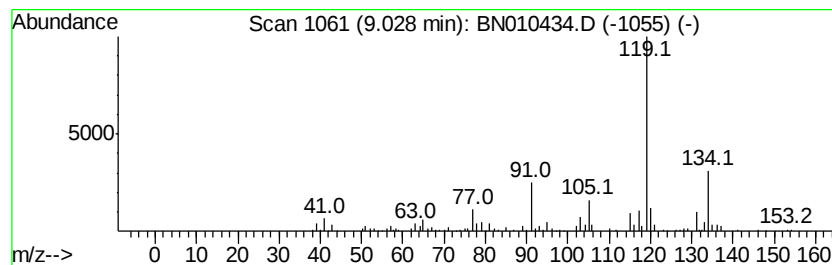
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 26 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 41

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.03 | 2.48 ng/ul | 575730 | Naphthalene-d8   | 10.36 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 2    |    | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 3    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 94   |
| 4    |    | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 93   |
| 5    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

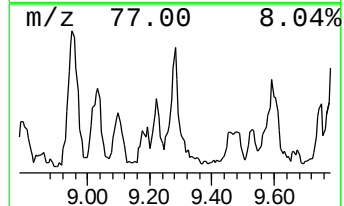
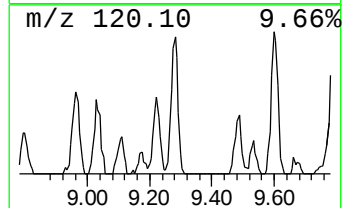
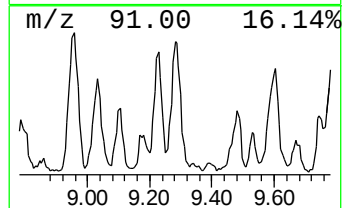
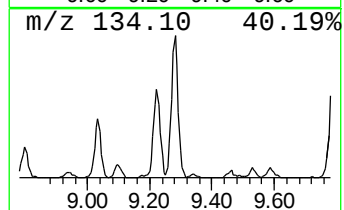
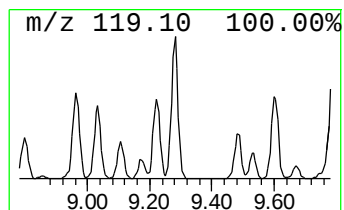
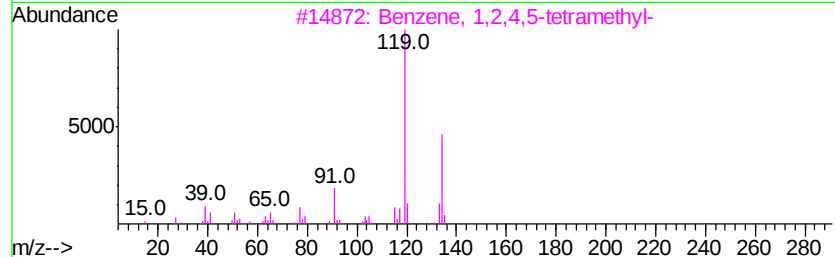
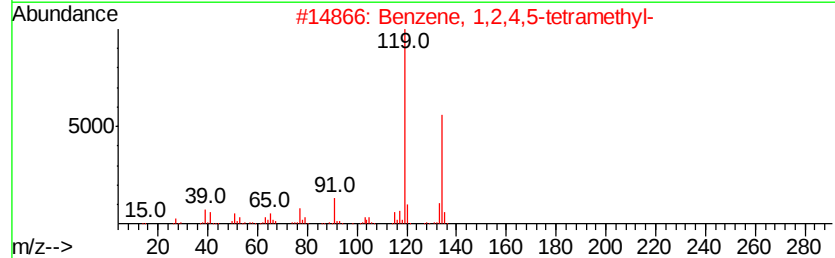
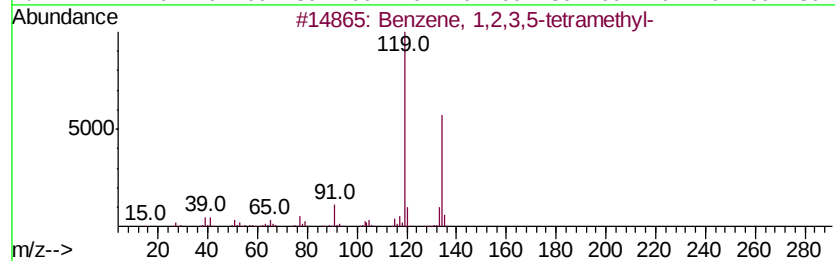
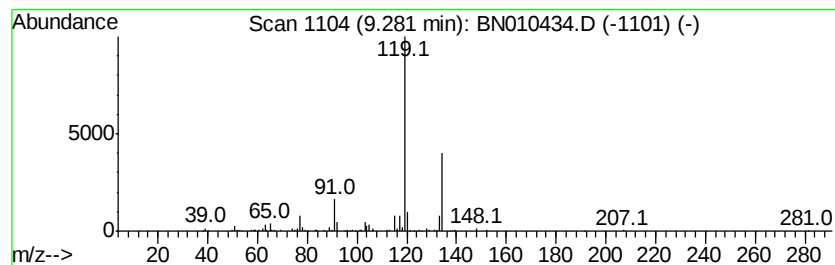
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 27 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 34

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.28 | 3.24 ng/ul | 752331 | Naphthalene-d8   | 10.36 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 91   |
| 2    |    | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 91   |
| 3    |    | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 91   |
| 4    |    | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 91   |
| 5    |    | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

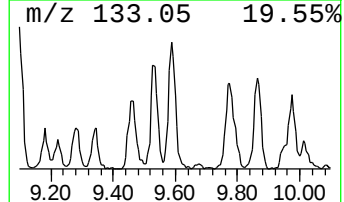
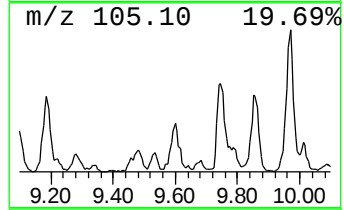
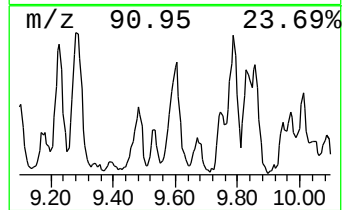
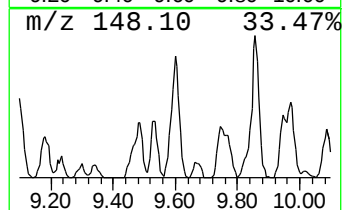
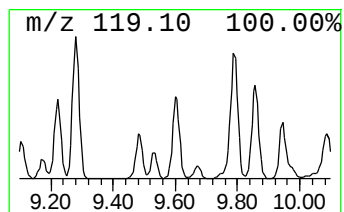
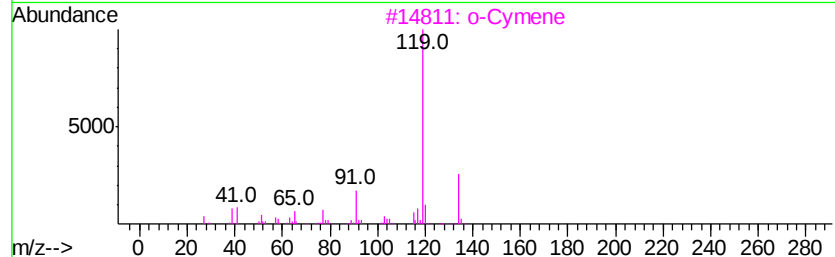
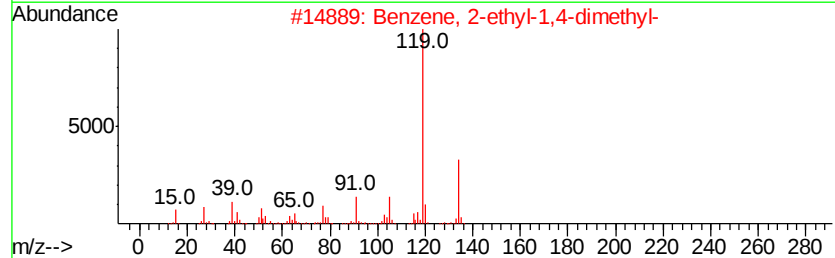
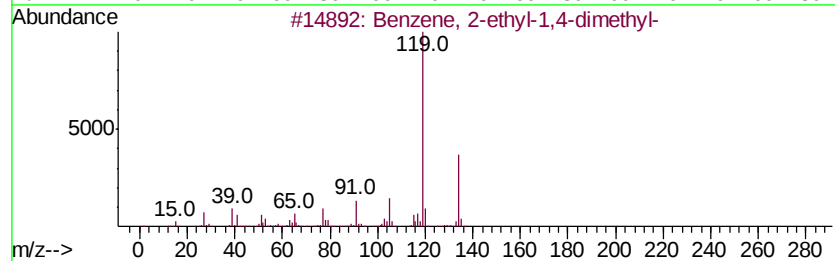
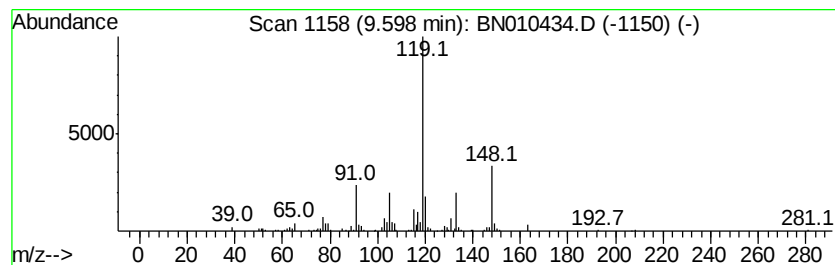
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 28 o-Cymene Concentration Rank 30

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.60 | 3.51 ng/ul | 814649 | Napthalene-d8    | 10.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 70   |
| 2    |    | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 70   |
| 3    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 55   |
| 4    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 55   |
| 5    |    | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 55   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

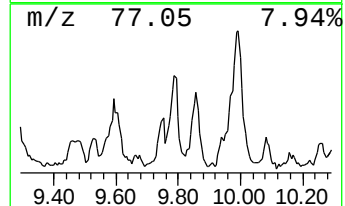
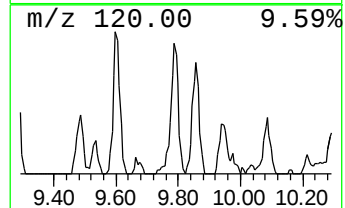
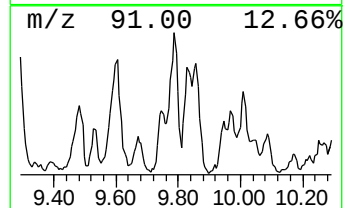
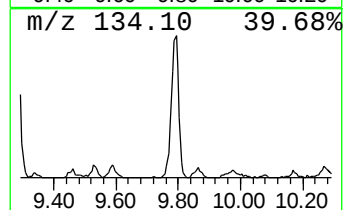
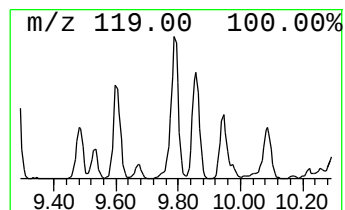
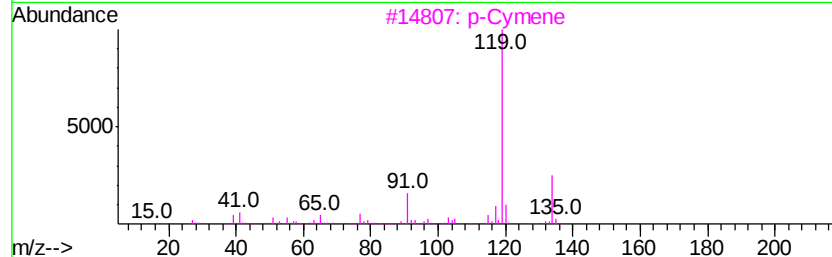
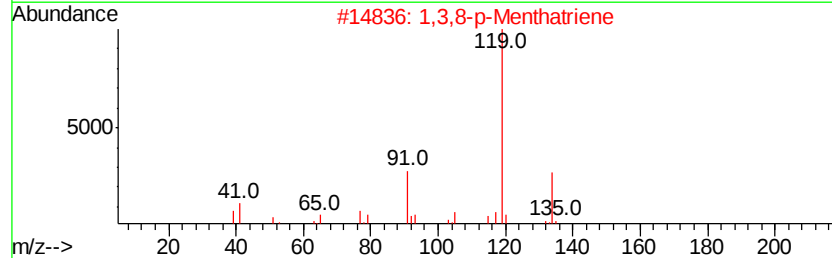
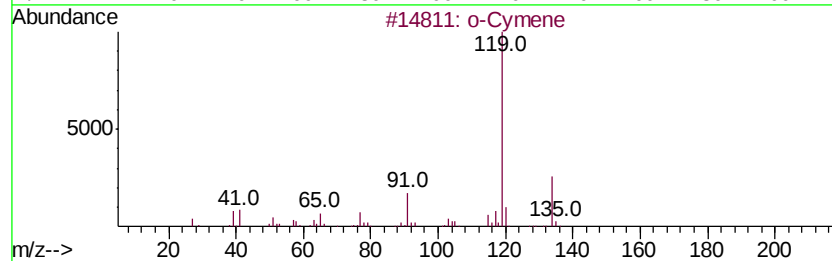
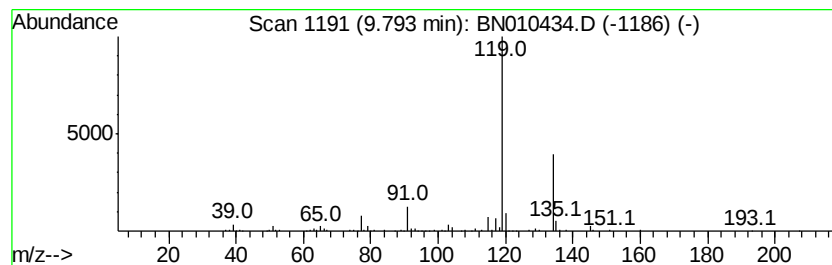
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 29 1,3,8-p-Menthatriene Concentration Rank 40

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.79 | 2.60 ng/ul | 603110 | Naphthalene-d8   | 10.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 90   |
| 2    |    | 1,3,8-p-Menthatriene                | 134 | C10H14  | 018368-95-1 | 90   |
| 3    |    | p-Cymene                            | 134 | C10H14  | 000099-87-6 | 87   |
| 4    |    | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 87   |
| 5    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

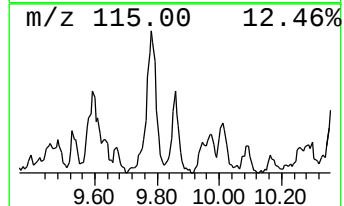
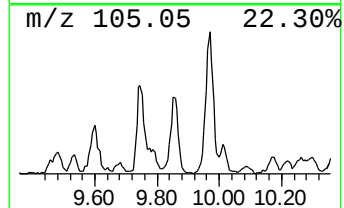
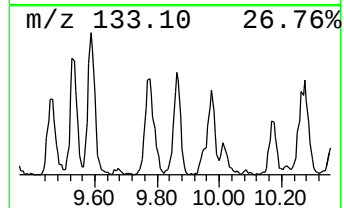
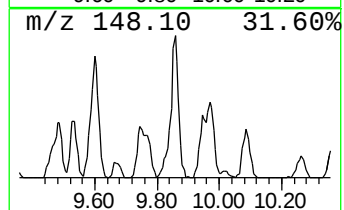
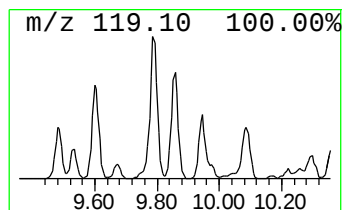
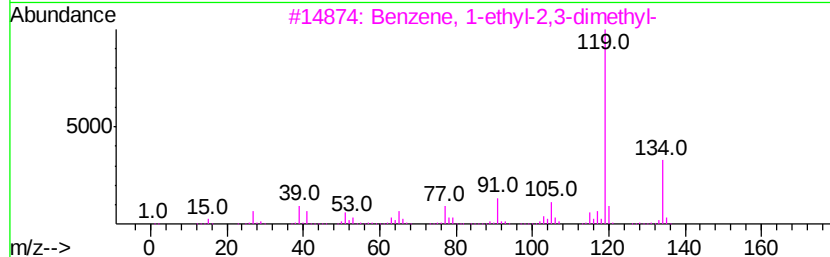
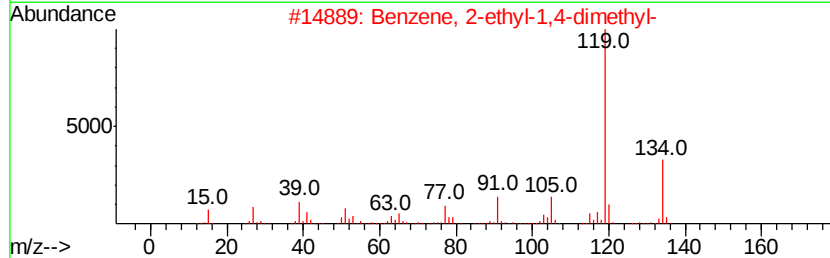
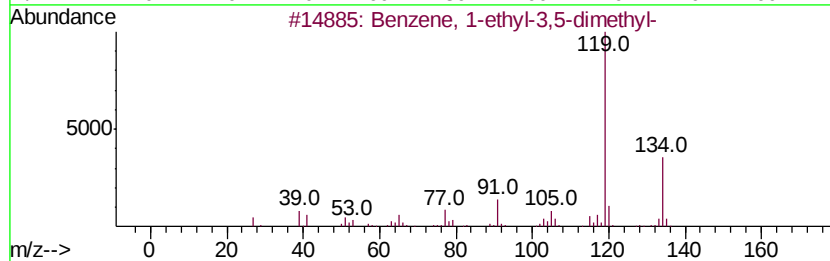
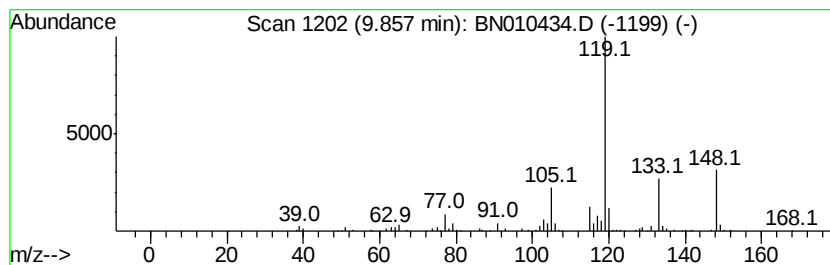
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 30 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 43

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.86 | 2.18 ng/ul | 506525 | Napthalene-d8    | 10.36 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 58   |
| 2    |    | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 58   |
| 3    |    | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 58   |
| 4    |    | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 53   |
| 5    |    | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 52   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

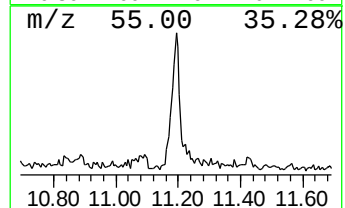
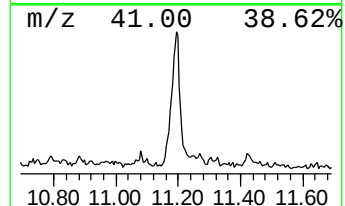
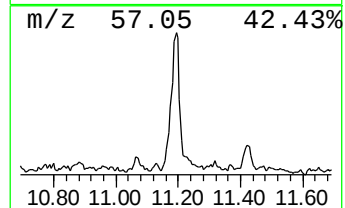
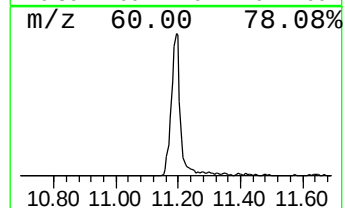
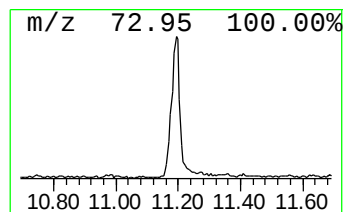
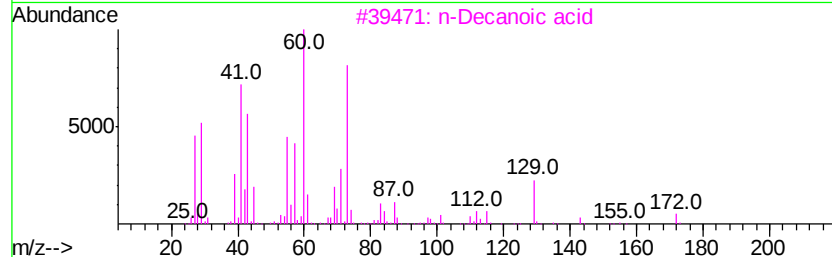
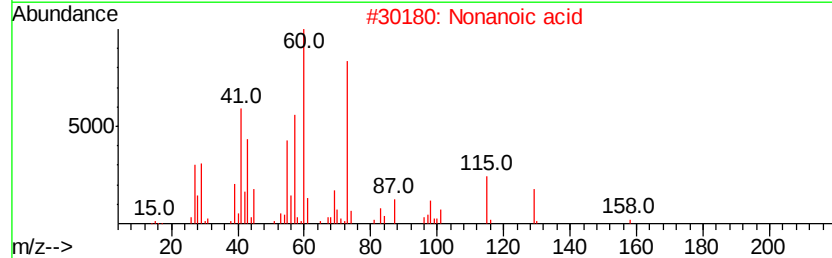
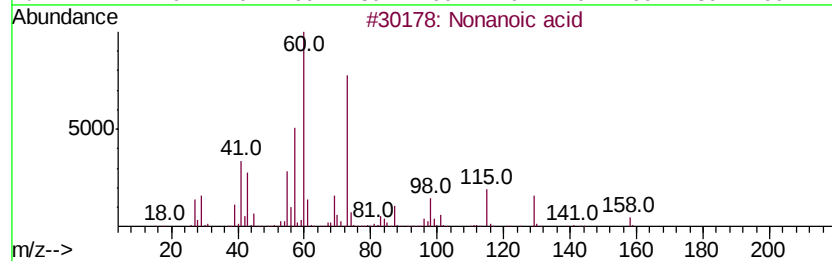
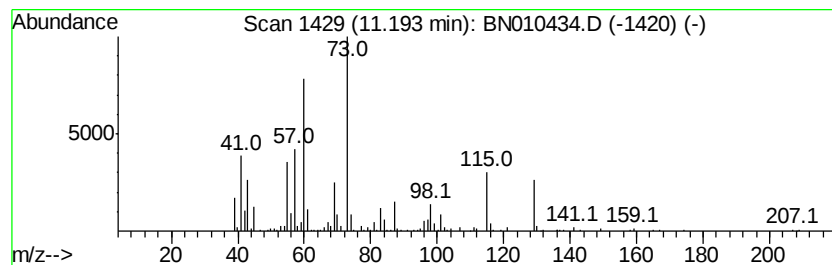
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 31 Nonanoic acid Concentration Rank 35

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.19 | 3.10 ng/ul | 719816 | Naphthalene-d8   | 10.36 |

| Hit# | of | Tentative ID    | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------|-----|----------|-------------|------|
| 1    | 5  | Nonanoic acid   | 158 | C9H18O2  | 000112-05-0 | 64   |
| 2    |    | Nonanoic acid   | 158 | C9H18O2  | 000112-05-0 | 59   |
| 3    |    | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 59   |
| 4    |    | Hexanoic acid   | 116 | C6H12O2  | 000142-62-1 | 50   |
| 5    |    | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

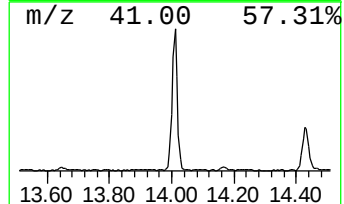
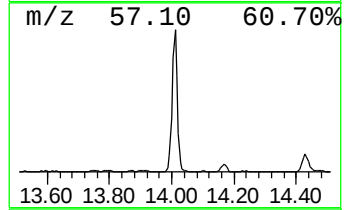
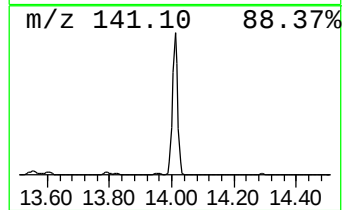
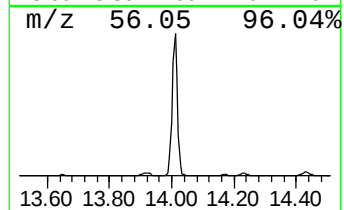
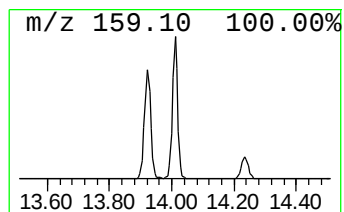
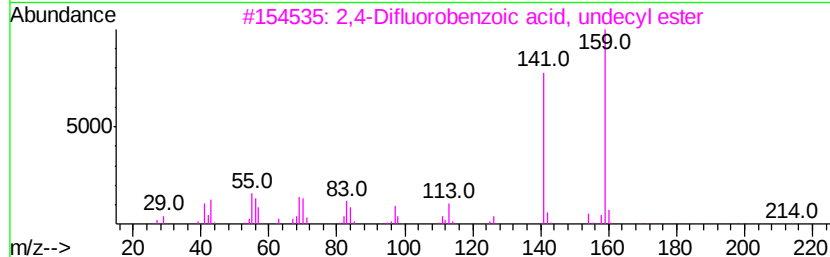
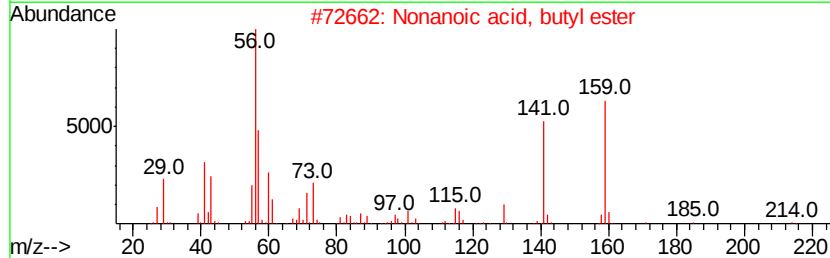
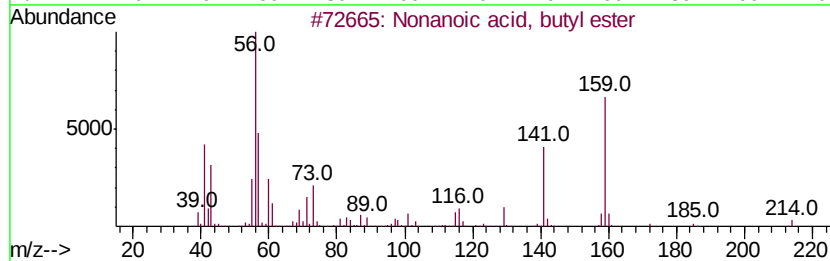
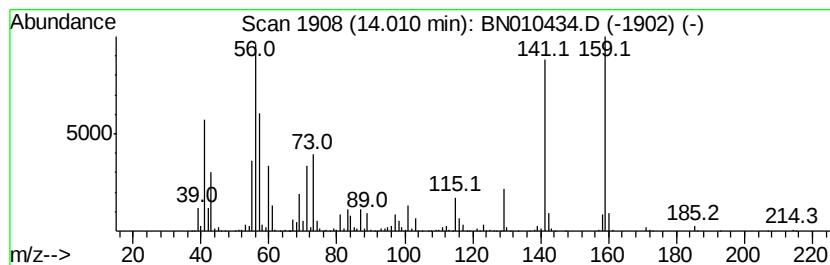
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 32 Nonanoic acid, butyl ester Concentration Rank 12

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 14.01 | 11.18 ng/ul | 3364550 | Acenaphthene-d10 | 14.23 |

| Hit# | of | Tentative ID                          | MW  | MolForm      | CAS#         | Qual |
|------|----|---------------------------------------|-----|--------------|--------------|------|
| 1    | 5  | Nonanoic acid, butyl ester            | 214 | C13H26O2     | 050623-57-9  | 90   |
| 2    |    | Nonanoic acid, butyl ester            | 214 | C13H26O2     | 050623-57-9  | 70   |
| 3    |    | 2,4-Difluorobenzoic acid, undecyl...  | 312 | C18H26F2O2   | 1000338-78-9 | 46   |
| 4    |    | 2,4-Difluorobenzoic acid, 8-chloro... | 304 | C15H19ClF2O2 | 1000360-56-2 | 43   |
| 5    |    | 2,4-Difluorobenzoic acid, nonyl ...   | 284 | C16H22F2O2   | 1000338-78-7 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\  
Data File : BN010434.D  
Acq On : 08 Apr 2020 15:44  
Operator : CG/JU  
Sample : L2155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION

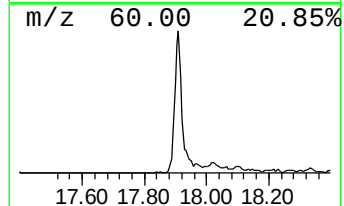
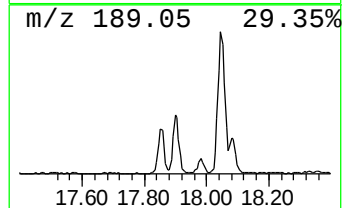
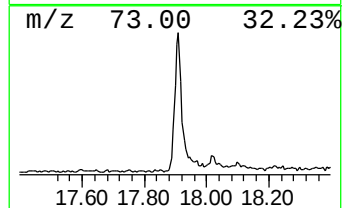
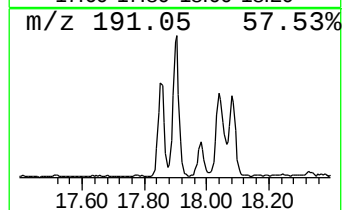
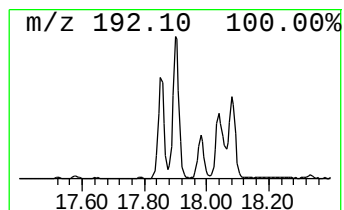
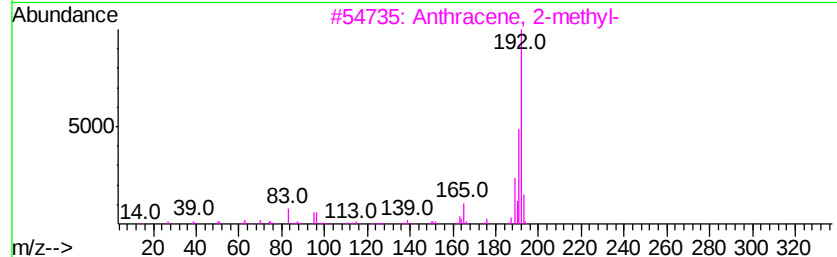
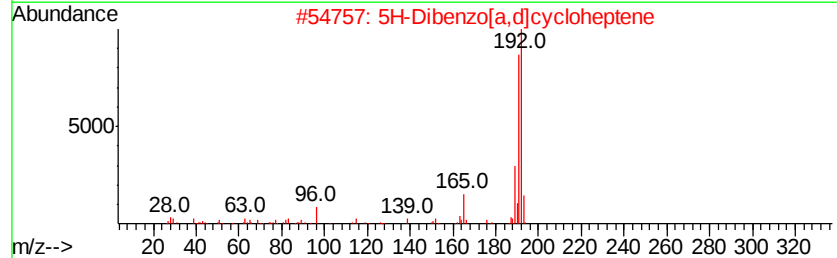
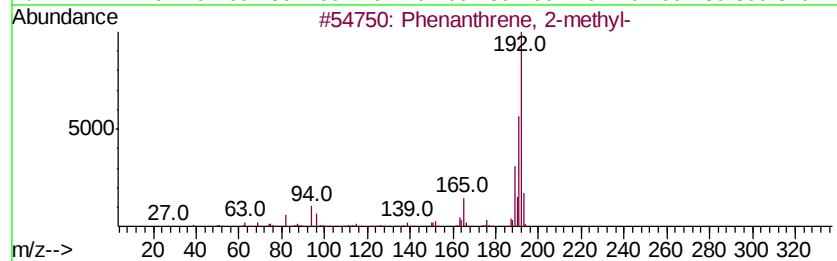
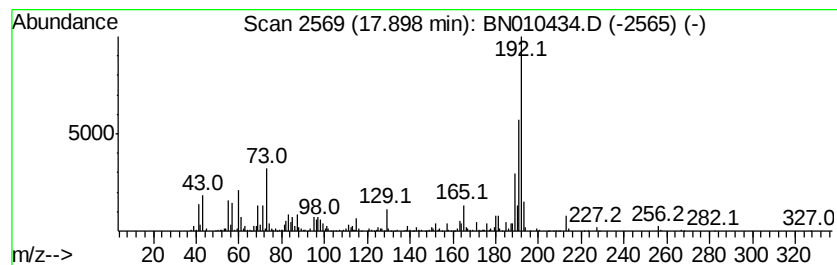
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 33 5H-Dibenzo[a,d]cycloheptene Concentration Rank 26

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 17.90 | 4.36 ng/ul | 1653030 | Phenanthrene-d10 | 16.97 |

| Hit# | of | Tentative ID                          | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Phenanthrene, 2-methyl-               | 192 | C15H12  | 002531-84-2 | 96   |
| 2    |    | 5H-Dibenzo[a,d]cycloheptene           | 192 | C15H12  | 000256-81-5 | 96   |
| 3    |    | Anthracene, 2-methyl-                 | 192 | C15H12  | 000613-12-7 | 96   |
| 4    |    | Phenanthrene, 1-methyl-               | 192 | C15H12  | 000832-69-9 | 93   |
| 5    |    | 1H-Cyclopropa[1]phenanthrene, 1a, ... | 192 | C15H12  | 000949-41-7 | 93   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040820\  
 Data File : BN010434.D  
 Acq On : 08 Apr 2020 15:44  
 Operator : CG/JU  
 Sample : L2155-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBFA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.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 |
| 1-Butanol            | 2.83  | 3.1     | ng/ul | 516763   | 1                     | 7.60  | 3352830 | 20.0 |
| (DEL) Alkane: Cyc... | 2.89  | 6.1     | ng/ul | 1018020  | 1                     | 7.60  | 3352830 | 20.0 |
| Butane, 2-methoxy... | 2.96  | 15.9    | ng/ul | 2673030  | 1                     | 7.60  | 3352830 | 20.0 |
| Ethylbenzene         | 5.18  | 2.8     | ng/ul | 462019   | 1                     | 7.60  | 3352830 | 20.0 |
| p-Xylene             | 5.31  | 26.0    | ng/ul | 4359820  | 1                     | 7.60  | 3352830 | 20.0 |
| o-Xylene             | 5.67  | 22.8    | ng/ul | 3825270  | 1                     | 7.60  | 3352830 | 20.0 |
| 3,5-Dimethyl-3-he... | 5.93  | 4.5     | ng/ul | 747963   | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, (1-methy... | 6.13  | 9.2     | ng/ul | 1546720  | 1                     | 7.60  | 3352830 | 20.0 |
| Cyclopentane, 1-m... | 6.29  | 3.4     | ng/ul | 571450   | 1                     | 7.60  | 3352830 | 20.0 |
| (DEL) Alkane: Str... | 6.32  | 3.4     | ng/ul | 561898   | 1                     | 7.60  | 3352830 | 20.0 |
| unknown-01           | 6.61  | 2.6     | ng/ul | 437053   | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 1-ethyl-... | 6.72  | 6.0     | ng/ul | 1007860  | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 1,2,3-tr... | 6.85  | 11.6    | ng/ul | 1943330  | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 1-ethyl-... | 7.02  | 3.6     | ng/ul | 600952   | 1                     | 7.60  | 3352830 | 20.0 |
| Mesitylene           | 7.27  | 18.4    | ng/ul | 3090590  | 1                     | 7.60  | 3352830 | 20.0 |
| Benzeneacetaldehy... | 7.52  | 5.5     | ng/ul | 927200   | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 1,2,4-tr... | 7.72  | 7.4     | ng/ul | 1236330  | 1                     | 7.60  | 3352830 | 20.0 |
| (DEL) Alkane: Cyc... | 7.90  | 4.0     | ng/ul | 666540   | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 1-methyl... | 8.16  | 6.0     | ng/ul | 1012100  | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 1-ethyl-... | 8.25  | 7.8     | ng/ul | 1304110  | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 1-methyl... | 8.41  | 6.0     | ng/ul | 1005630  | 1                     | 7.60  | 3352830 | 20.0 |
| p-Cymene             | 8.56  | 2.9     | ng/ul | 493118   | 1                     | 7.60  | 3352830 | 20.0 |
| (DEL) Alkane: Str... | 8.85  | 7.2     | ng/ul | 1203040  | 1                     | 7.60  | 3352830 | 20.0 |
| 1,4-Cyclohexadien... | 8.96  | 7.8     | ng/ul | 1314080  | 1                     | 7.60  | 3352830 | 20.0 |
| Benzene, 4-ethyl-... | 9.03  | 2.5     | ng/ul | 575730   | 2                     | 10.36 | 4640540 | 20.0 |
| Benzene, 1,2,3,5-... | 9.28  | 3.2     | ng/ul | 752331   | 2                     | 10.36 | 4640540 | 20.0 |
| o-Cymene             | 9.60  | 3.5     | ng/ul | 814649   | 2                     | 10.36 | 4640540 | 20.0 |
| 1,3,8-p-Menthatriene | 9.79  | 2.6     | ng/ul | 603110   | 2                     | 10.36 | 4640540 | 20.0 |
| Benzene, 2-ethyl-... | 9.86  | 2.2     | ng/ul | 506525   | 2                     | 10.36 | 4640540 | 20.0 |
| Nonanoic acid        | 11.19 | 3.1     | ng/ul | 719816   | 2                     | 10.36 | 4640540 | 20.0 |
| Nonanoic acid, bu... | 14.01 | 11.2    | ng/ul | 3364550  | 3                     | 14.23 | 6018520 | 20.0 |
| 5H-Dibenzo[a,d]cy... | 17.90 | 4.4     | ng/ul | 1653030  | 4                     | 16.97 | 7586650 | 20.0 |