

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
 Data File : BM012456.D  
 Acq On : 25 Oct 2017 22:24  
 Operator : SJ/JU  
 Sample : I5719-14 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-27(5-5.5)-100517

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 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:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102417.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         | 4.564       | 247           | 251         | 259          | rVB      | 670565         | 976729        | 4.04%           | 0.213%        |
| 2         | 4.846       | 290           | 299         | 304          | rBV      | 866310         | 1336622       | 5.52%           | 0.291%        |
| 3         | 4.940       | 310           | 315         | 321          | rBV      | 791972         | 1160923       | 4.80%           | 0.253%        |
| 4         | 5.052       | 329           | 334         | 338          | rVB      | 1344733        | 1915490       | 7.92%           | 0.417%        |
| 5         | 5.105       | 338           | 343         | 348          | rBV2     | 2036287        | 3075209       | 12.71%          | 0.670%        |
| 6         | 5.258       | 365           | 369         | 373          | rBV      | 1055778        | 1313684       | 5.43%           | 0.286%        |
| 7         | 5.334       | 379           | 382         | 390          | rVB      | 1750865        | 2789622       | 11.53%          | 0.608%        |
| 8         | 5.599       | 422           | 427         | 435          | rVB3     | 569825         | 1361985       | 5.63%           | 0.297%        |
| 9         | 5.705       | 435           | 445         | 450          | rBV2     | 1123717        | 2068990       | 8.55%           | 0.451%        |
| 10        | 5.775       | 450           | 457         | 461          | rBV4     | 1428550        | 2652918       | 10.97%          | 0.578%        |
| 11        | 5.852       | 465           | 470         | 475          | rBV      | 2920663        | 4137749       | 17.10%          | 0.902%        |
| 12        | 5.916       | 475           | 481         | 489          | rVB2     | 1983423        | 3720213       | 15.38%          | 0.811%        |
| 13        | 5.993       | 489           | 494         | 503          | rBV      | 1435253        | 2333371       | 9.64%           | 0.508%        |
| 14        | 6.075       | 503           | 508         | 516          | rVB2     | 667564         | 1217847       | 5.03%           | 0.265%        |
| 15        | 6.169       | 516           | 524         | 531          | rBV3     | 4498672        | 11037947      | 45.63%          | 2.405%        |
| 16        | 6.228       | 531           | 534         | 537          | rVB2     | 869901         | 1074414       | 4.44%           | 0.234%        |
| 17        | 6.287       | 537           | 544         | 550          | rVB2     | 2244254        | 5013668       | 20.72%          | 1.092%        |
| 18        | 6.381       | 555           | 560         | 562          | rBV3     | 3964300        | 6477823       | 26.78%          | 1.412%        |
| 19        | 6.452       | 568           | 572         | 576          | rBV      | 3126783        | 4084760       | 16.88%          | 0.890%        |
| 20        | 6.528       | 582           | 585         | 589          | rBV2     | 3496604        | 4840977       | 20.01%          | 1.055%        |
| 21        | 6.563       | 589           | 591         | 599          | rVB      | 5018988        | 6382777       | 26.38%          | 1.391%        |
| 22        | 6.646       | 601           | 605         | 610          | rVB2     | 1977735        | 3252506       | 13.44%          | 0.709%        |
| 23        | 6.710       | 610           | 616         | 622          | rVB3     | 2486671        | 4186124       | 17.30%          | 0.912%        |
| 24        | 6.775       | 622           | 627         | 628          | rBV      | 3097341        | 4388865       | 18.14%          | 0.956%        |
| 25        | 6.881       | 635           | 645         | 652          | rBV6     | 1936092        | 5615303       | 23.21%          | 1.224%        |
| 26        | 6.987       | 658           | 663         | 666          | rBV2     | 2186468        | 3195239       | 13.21%          | 0.696%        |
| 27        | 7.034       | 666           | 671         | 679          | rVV3     | 8145508        | 16909776      | 69.90%          | 3.685%        |
| 28        | 7.175       | 690           | 695         | 697          | rBV      | 1459912        | 2185966       | 9.04%           | 0.476%        |
| 29        | 7.216       | 697           | 702         | 707          | rVV3     | 3441121        | 6645223       | 27.47%          | 1.448%        |
| 30        | 7.275       | 707           | 712         | 715          | rVV3     | 3382051        | 5166720       | 21.36%          | 1.126%        |
| 31        | 7.310       | 715           | 718         | 722          | rVV2     | 3971578        | 5956498       | 24.62%          | 1.298%        |
| 32        | 7.346       | 722           | 724         | 725          | rVV      | 1931610        | 1879077       | 7.77%           | 0.409%        |
| 33        | 7.375       | 725           | 729         | 735          | rVV3     | 7079622        | 14082155      | 58.21%          | 3.068%        |
| 34        | 7.452       | 738           | 742         | 753          | rVB5     | 4709918        | 11297840      | 46.70%          | 2.462%        |

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 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102417.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |         |        |
|----|--------|------|------|------|------|----------|----------|---------|--------|
| 35 | 7.540  | 753  | 757  | 760  | rBV2 | 1977926  | 3212581  | 13.28%  | 0.700% |
| 36 | 7.610  | 764  | 769  | 774  | rVB4 | 3078157  | 5851904  | 24.19%  | 1.275% |
| 37 | 7.657  | 774  | 777  | 780  | rBV  | 1378665  | 1480318  | 6.12%   | 0.323% |
| 38 | 7.716  | 780  | 787  | 794  | rVB5 | 2452733  | 6241044  | 25.80%  | 1.360% |
| 39 | 7.787  | 794  | 799  | 800  | rBV2 | 2565817  | 3372239  | 13.94%  | 0.735% |
| 40 | 7.875  | 807  | 814  | 820  | rVB5 | 4654574  | 12231141 | 50.56%  | 2.665% |
| 41 | 7.957  | 822  | 828  | 833  | rVV3 | 3364864  | 6612923  | 27.33%  | 1.441% |
| 42 | 8.016  | 833  | 838  | 843  | rVV6 | 1692560  | 4459822  | 18.43%  | 0.972% |
| 43 | 8.081  | 843  | 849  | 852  | rVV2 | 6102007  | 10728241 | 44.35%  | 2.338% |
| 44 | 8.116  | 852  | 855  | 858  | rVV3 | 2388814  | 4140463  | 17.11%  | 0.902% |
| 45 | 8.175  | 858  | 865  | 872  | rVV3 | 9332075  | 19684145 | 81.36%  | 4.289% |
| 46 | 8.240  | 872  | 876  | 883  | rVV2 | 2759425  | 6111980  | 25.26%  | 1.332% |
| 47 | 8.328  | 883  | 891  | 896  | rVV6 | 2113948  | 5044472  | 20.85%  | 1.099% |
| 48 | 8.381  | 896  | 900  | 904  | rVV3 | 2393993  | 5108280  | 21.12%  | 1.113% |
| 49 | 8.446  | 908  | 911  | 921  | rVB3 | 3334317  | 5768426  | 23.84%  | 1.257% |
| 50 | 8.522  | 921  | 924  | 927  | rBV3 | 743189   | 924548   | 3.82%   | 0.201% |
| 51 | 8.581  | 927  | 934  | 939  | rBV4 | 2709471  | 5269113  | 21.78%  | 1.148% |
| 52 | 8.716  | 953  | 957  | 962  | rBV  | 5410188  | 8648740  | 35.75%  | 1.885% |
| 53 | 8.875  | 979  | 984  | 993  | rVB5 | 915188   | 2435522  | 10.07%  | 0.531% |
| 54 | 8.993  | 993  | 1004 | 1009 | rBV3 | 11662671 | 24192568 | 100.00% | 5.272% |
| 55 | 9.081  | 1013 | 1019 | 1027 | rVB5 | 4663023  | 9733197  | 40.23%  | 2.121% |
| 56 | 9.151  | 1027 | 1031 | 1035 | rVB2 | 1726508  | 2744745  | 11.35%  | 0.598% |
| 57 | 9.204  | 1035 | 1040 | 1042 | rBV2 | 3495435  | 6018155  | 24.88%  | 1.311% |
| 58 | 9.346  | 1055 | 1064 | 1066 | rBV3 | 1939816  | 4240321  | 17.53%  | 0.924% |
| 59 | 9.510  | 1088 | 1092 | 1098 | rBV2 | 2958244  | 5307139  | 21.94%  | 1.156% |
| 60 | 9.604  | 1103 | 1108 | 1113 | rVB2 | 3007199  | 4689078  | 19.38%  | 1.022% |
| 61 | 9.763  | 1129 | 1135 | 1139 | rBV3 | 2408713  | 4472102  | 18.49%  | 0.974% |
| 62 | 9.804  | 1139 | 1142 | 1147 | rVB  | 3218782  | 4570179  | 18.89%  | 0.996% |
| 63 | 9.869  | 1147 | 1153 | 1160 | rBV5 | 4591162  | 9184721  | 37.97%  | 2.001% |
| 64 | 9.934  | 1161 | 1164 | 1167 | rBV3 | 624922   | 951328   | 3.93%   | 0.207% |
| 65 | 10.081 | 1184 | 1189 | 1195 | rBV2 | 4697982  | 8005966  | 33.09%  | 1.744% |
| 66 | 10.269 | 1214 | 1221 | 1222 | rBV4 | 992914   | 1660724  | 6.86%   | 0.362% |
| 67 | 10.298 | 1223 | 1226 | 1232 | rVB3 | 1240598  | 2004147  | 8.28%   | 0.437% |
| 68 | 10.381 | 1235 | 1240 | 1244 | rBV  | 1185848  | 2015804  | 8.33%   | 0.439% |
| 69 | 10.581 | 1271 | 1274 | 1280 | rVV3 | 777090   | 1658084  | 6.85%   | 0.361% |
| 70 | 10.675 | 1280 | 1290 | 1295 | rVV2 | 4021128  | 9563639  | 39.53%  | 2.084% |
| 71 | 10.722 | 1295 | 1298 | 1306 | rVV7 | 994455   | 2632593  | 10.88%  | 0.574% |

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B-27(5-5.5)-100517

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Smoothing : OFF  
Sampling : 1  
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Min Area: 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:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102417.M  
Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 10.798 | 1306 | 1311 | 1315 | rVV4 | 1474471 | 3070033 | 12.69% | 0.669% |
| 73  | 10.845 | 1315 | 1319 | 1324 | rVV  | 2374720 | 3613971 | 14.94% | 0.787% |
| 74  | 10.898 | 1324 | 1328 | 1336 | rVB3 | 739790  | 1310947 | 5.42%  | 0.286% |
| 75  | 10.975 | 1337 | 1341 | 1346 | rVB4 | 573373  | 1116720 | 4.62%  | 0.243% |
| 76  | 11.581 | 1440 | 1444 | 1454 | rVB8 | 379593  | 1050606 | 4.34%  | 0.229% |
| 77  | 11.704 | 1460 | 1465 | 1470 | rBV  | 2005004 | 3214949 | 13.29% | 0.701% |
| 78  | 12.798 | 1647 | 1651 | 1657 | rVB2 | 534654  | 929332  | 3.84%  | 0.202% |
| 79  | 13.057 | 1690 | 1695 | 1700 | rVB  | 1718566 | 2514180 | 10.39% | 0.548% |
| 80  | 13.834 | 1823 | 1827 | 1832 | rVV  | 602425  | 1076464 | 4.45%  | 0.235% |
| 81  | 13.916 | 1838 | 1841 | 1846 | rVV  | 1981506 | 3268669 | 13.51% | 0.712% |
| 82  | 13.963 | 1846 | 1849 | 1852 | rVV  | 1064752 | 1715859 | 7.09%  | 0.374% |
| 83  | 14.004 | 1852 | 1856 | 1860 | rVV2 | 2008846 | 2826886 | 11.68% | 0.616% |
| 84  | 14.204 | 1885 | 1890 | 1897 | rVB  | 2074502 | 3010633 | 12.44% | 0.656% |
| 85  | 14.510 | 1934 | 1942 | 1950 | rBV2 | 4613277 | 8047154 | 33.26% | 1.753% |
| 86  | 14.710 | 1971 | 1976 | 1982 | rBV2 | 537385  | 975343  | 4.03%  | 0.213% |
| 87  | 15.504 | 2106 | 2111 | 2116 | rVB  | 2554649 | 3683788 | 15.23% | 0.803% |
| 88  | 15.775 | 2153 | 2157 | 2163 | rVB  | 680298  | 984278  | 4.07%  | 0.214% |
| 89  | 16.251 | 2230 | 2238 | 2243 | rBV2 | 1040607 | 1762426 | 7.28%  | 0.384% |
| 90  | 17.251 | 2402 | 2408 | 2413 | rBV2 | 5780608 | 8145597 | 33.67% | 1.775% |
| 91  | 17.351 | 2419 | 2425 | 2430 | rBV  | 2594821 | 3619891 | 14.96% | 0.789% |
| 92  | 17.780 | 2494 | 2498 | 2505 | rVB  | 818577  | 1069167 | 4.42%  | 0.233% |
| 93  | 18.868 | 2679 | 2683 | 2688 | rVB  | 1099290 | 1368069 | 5.65%  | 0.298% |
| 94  | 18.998 | 2701 | 2705 | 2709 | rBV  | 950488  | 1279251 | 5.29%  | 0.279% |
| 95  | 19.304 | 2753 | 2757 | 2762 | rBV  | 976010  | 1204470 | 4.98%  | 0.262% |
| 96  | 19.363 | 2762 | 2767 | 2772 | rBV  | 3448373 | 4103860 | 16.96% | 0.894% |
| 97  | 19.639 | 2809 | 2814 | 2817 | rBV  | 2674419 | 3870467 | 16.00% | 0.843% |
| 98  | 21.421 | 3112 | 3117 | 3121 | rBV  | 5630883 | 7215943 | 29.83% | 1.572% |
| 99  | 23.580 | 3481 | 3484 | 3489 | rVB2 | 1215858 | 1852661 | 7.66%  | 0.404% |
| 100 | 23.733 | 3505 | 3510 | 3517 | rVB  | 3470633 | 6323745 | 26.14% | 1.378% |

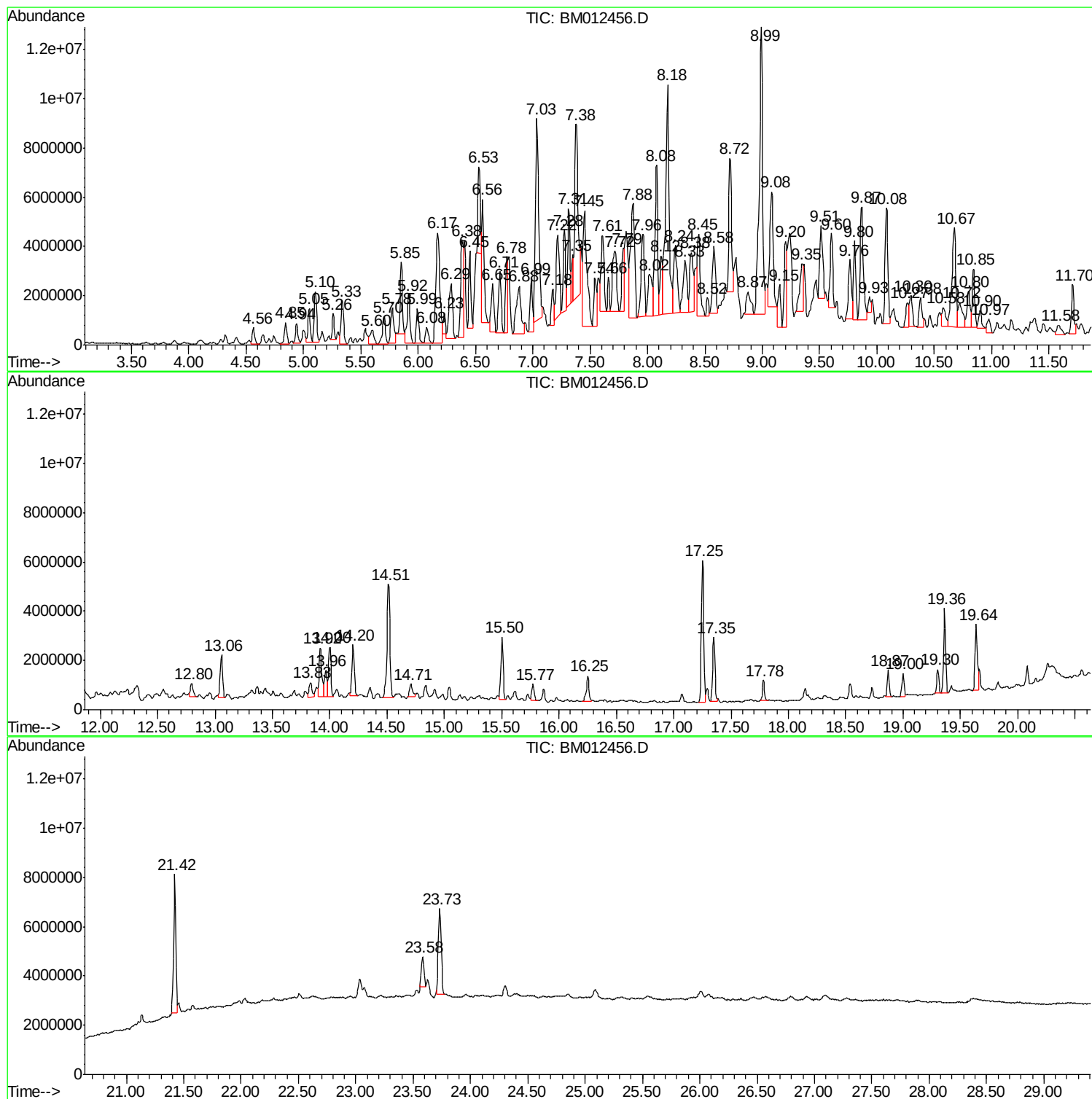
Sum of corrected areas: 458930761

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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



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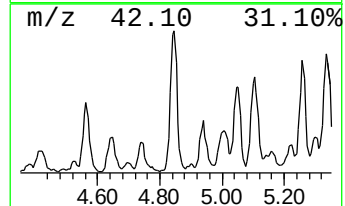
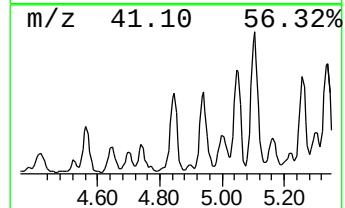
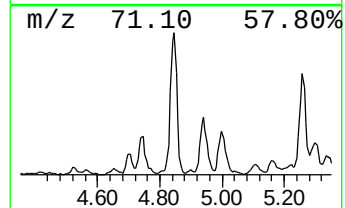
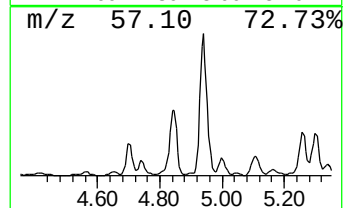
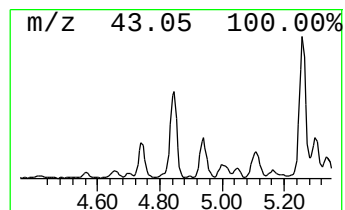
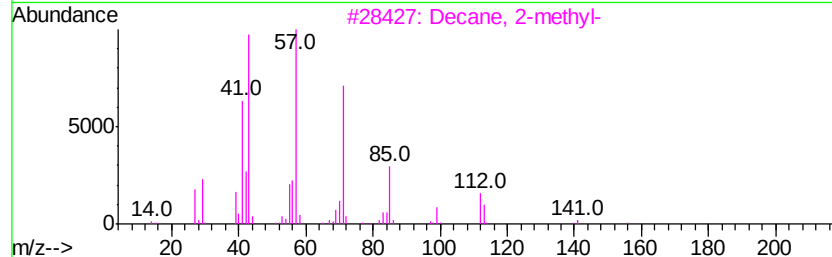
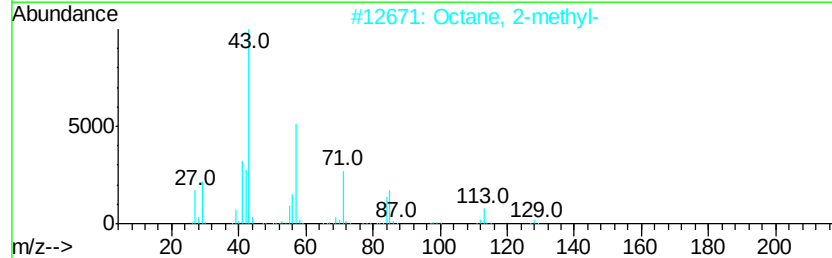
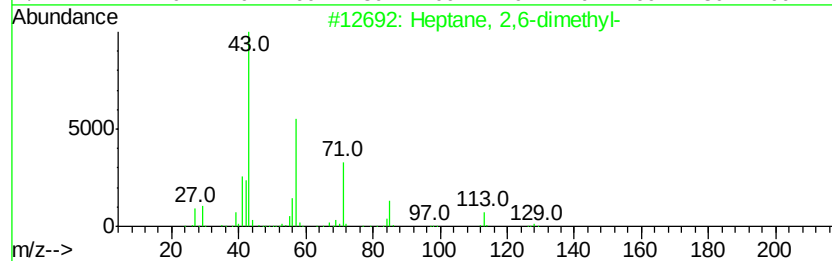
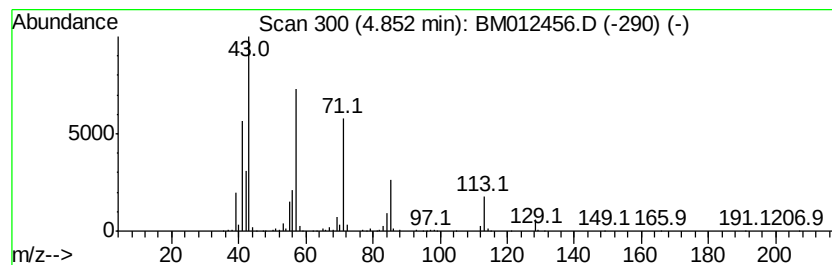
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 4.85 | 2.19 ng/ul | 1336620 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane, 2,6-dimethyl- | 128 | C9H20   | 001072-05-5 | 91   |
| 2    |    | Octane, 2-methyl-      | 128 | C9H20   | 003221-61-2 | 81   |
| 3    |    | Decane, 2-methyl-      | 156 | C11H24  | 006975-98-0 | 78   |
| 4    |    | Octane, 2-methyl-      | 128 | C9H20   | 003221-61-2 | 59   |
| 5    |    | Nonane                 | 128 | C9H20   | 000111-84-2 | 58   |



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Quant Title : SVOA CALIBRATION

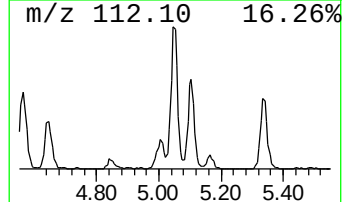
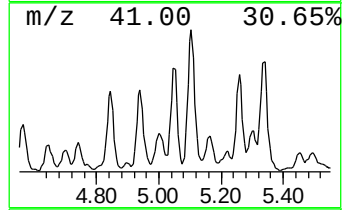
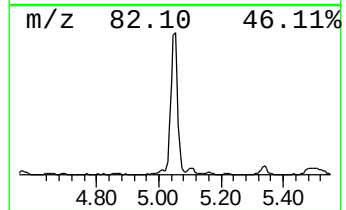
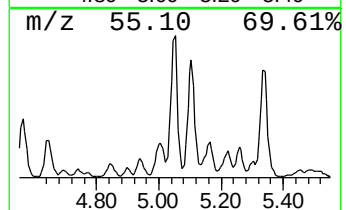
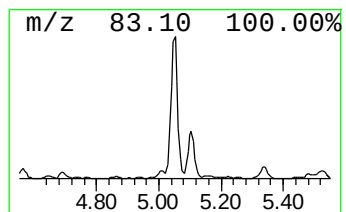
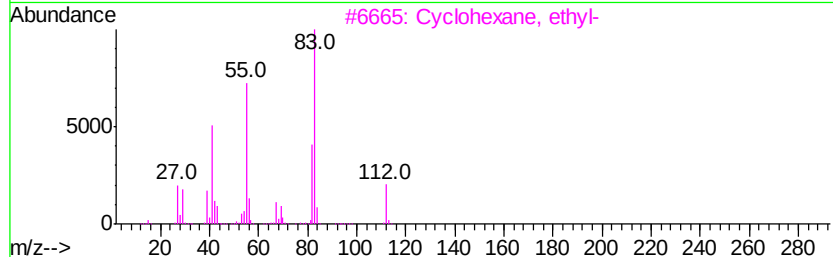
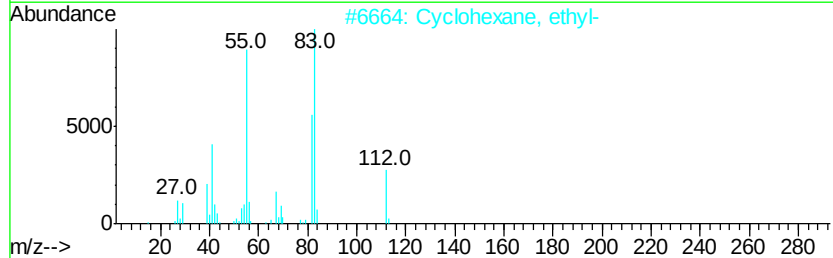
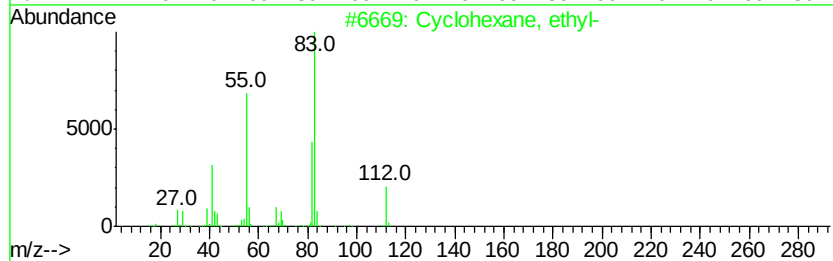
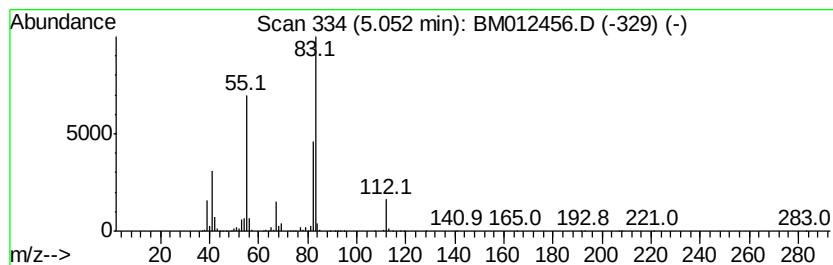
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic5.05 Concentration Rank 51

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.05 | 3.13 ng/ul | 1915490 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Cyclohexane, ethyl-                 | 112 | C8H16    | 001678-91-7  | 87   |
| 2    |    | Cyclohexane, ethyl-                 | 112 | C8H16    | 001678-91-7  | 86   |
| 3    |    | Cyclohexane, ethyl-                 | 112 | C8H16    | 001678-91-7  | 78   |
| 4    |    | 2-Pentene, 3-ethyl-2-methyl-        | 112 | C8H16    | 019780-67-7  | 52   |
| 5    |    | Oxalic acid, cyclohexyl propyl e... | 214 | C11H18O4 | 1000309-30-3 | 50   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

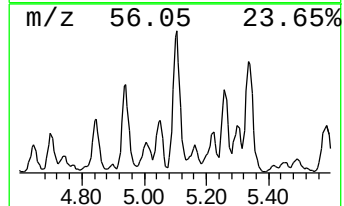
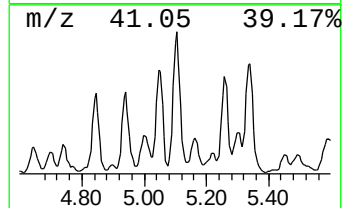
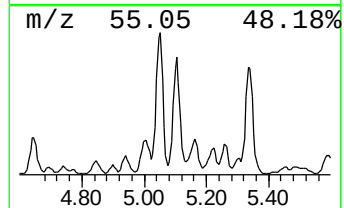
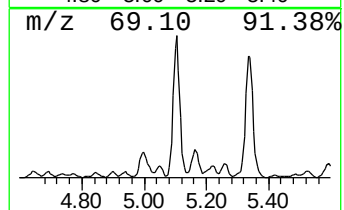
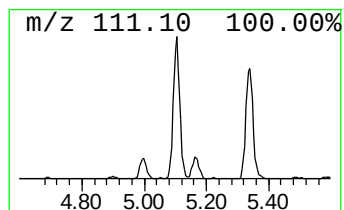
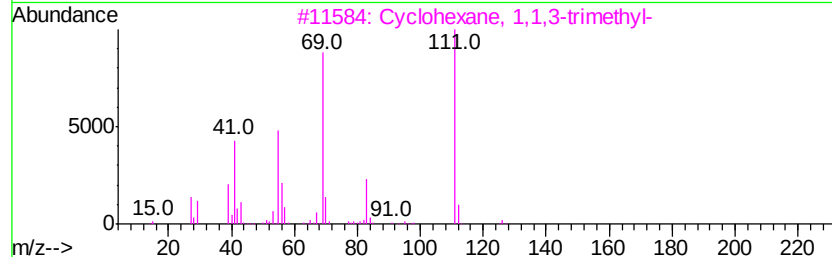
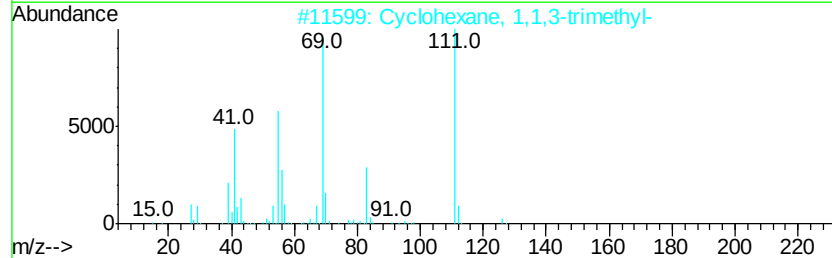
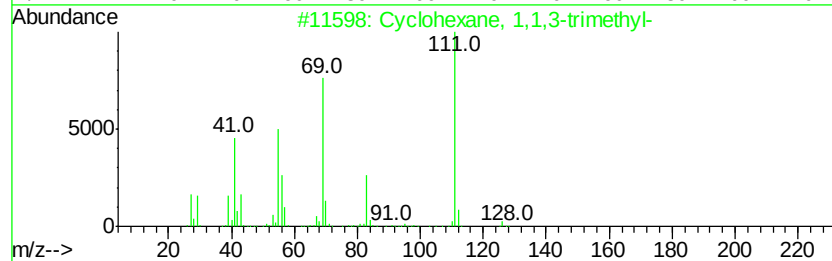
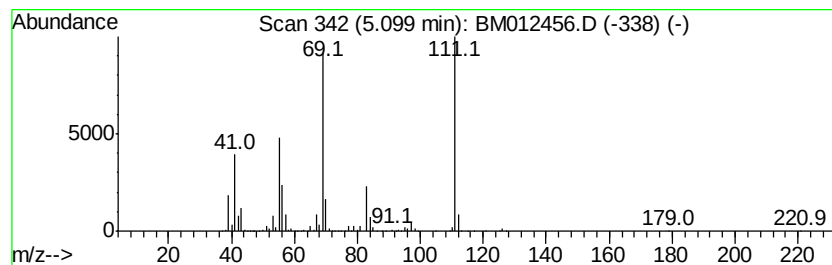
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Cyclic5.10 Concentration Rank 39

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.10 | 5.03 ng/ul | 3075210 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,1,3-trimethyl-        | 126 | C9H18   | 003073-66-3 | 91   |
| 2    |    |   | Cyclohexane, 1,1,3-trimethyl-        | 126 | C9H18   | 003073-66-3 | 90   |
| 3    |    |   | Cyclohexane, 1,1,3-trimethyl-        | 126 | C9H18   | 003073-66-3 | 90   |
| 4    |    |   | Cyclohexane, 1,1,3-trimethyl-        | 126 | C9H18   | 003073-66-3 | 90   |
| 5    |    |   | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001795-27-3 | 72   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

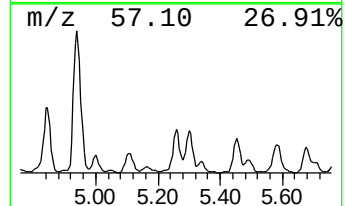
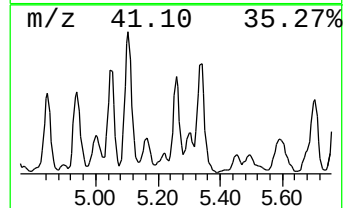
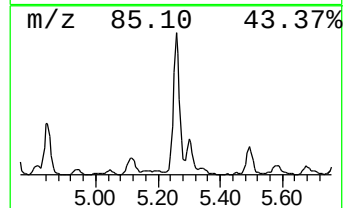
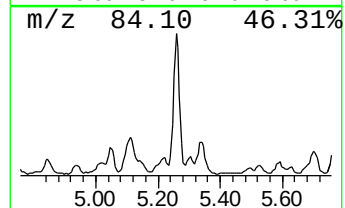
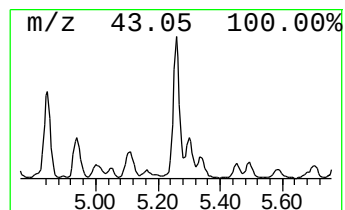
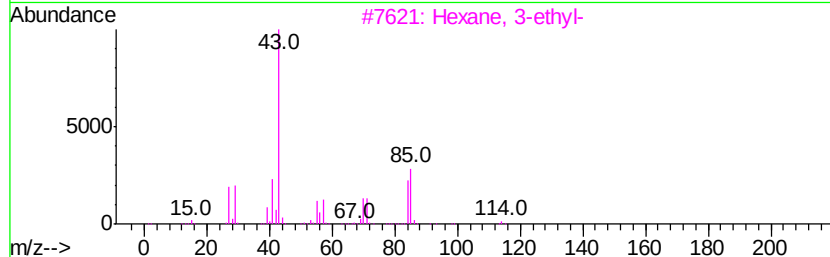
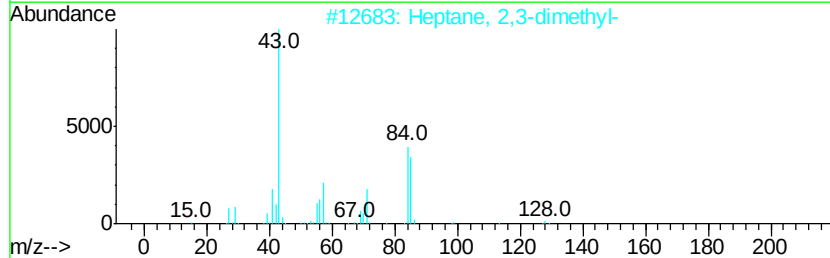
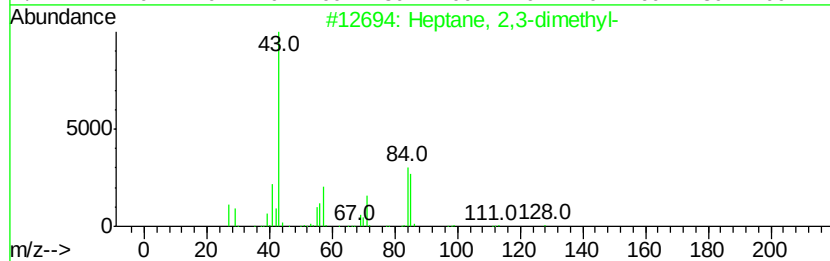
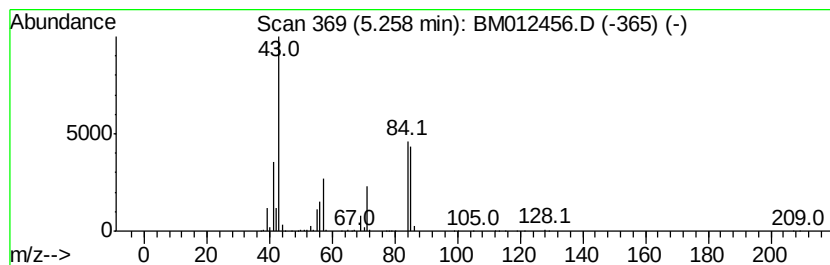
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 63

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.26 | 2.15 ng/ul | 1313680 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane, 2,3-dimethyl- | 128 | C9H20   | 003074-71-3 | 87   |
| 2    |    | Heptane, 2,3-dimethyl- | 128 | C9H20   | 003074-71-3 | 83   |
| 3    |    | Hexane, 3-ethyl-       | 114 | C8H18   | 000619-99-8 | 83   |
| 4    |    | Hexane, 3-ethyl-       | 114 | C8H18   | 000619-99-8 | 78   |
| 5    |    | Heptane, 2,4-dimethyl- | 128 | C9H20   | 002213-23-2 | 74   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

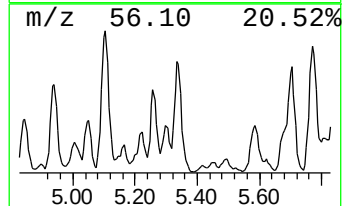
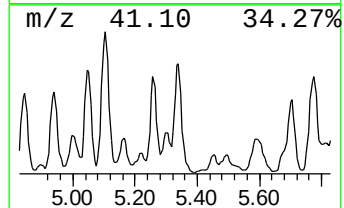
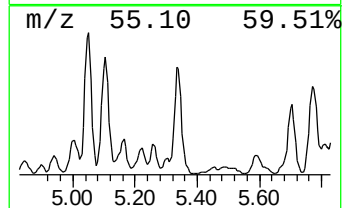
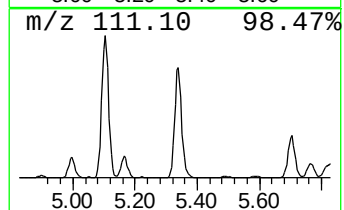
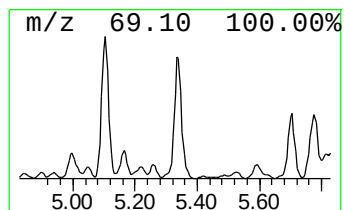
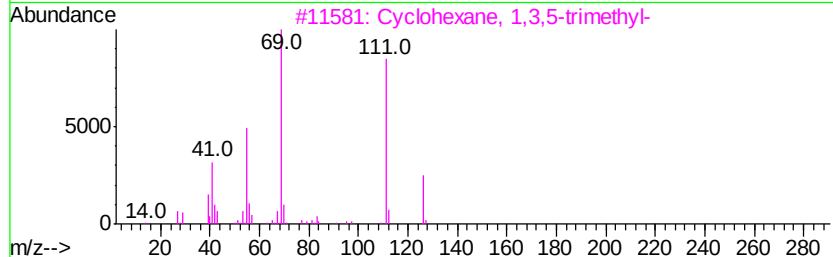
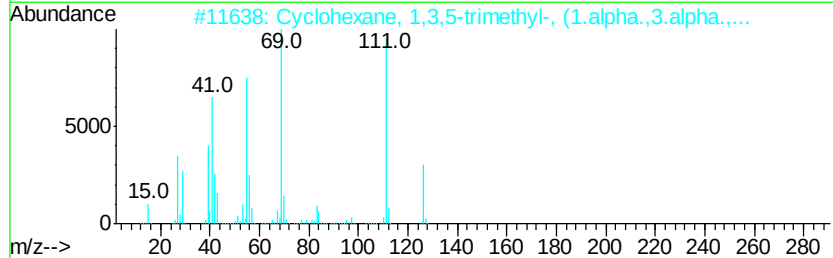
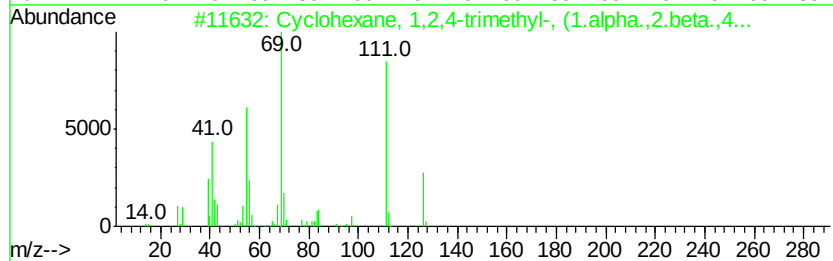
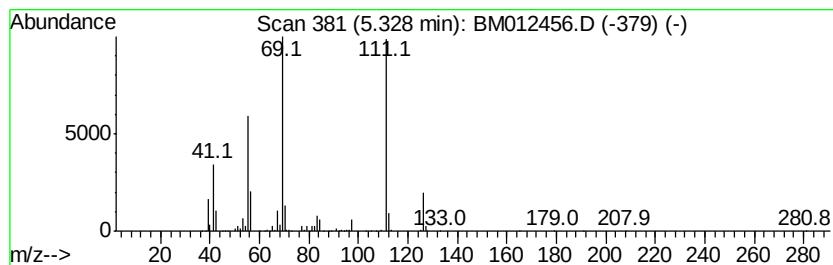
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Cyclic5.33 Concentration Rank 40

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.33 | 4.56 ng/ul | 2789620 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1,2,4-trimethyl-, (...) | 126 | C9H18   | 007667-60-9 | 94   |
| 2    |    | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001795-26-2 | 94   |
| 3    |    | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001839-63-0 | 90   |
| 4    |    | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001839-63-0 | 87   |
| 5    |    | Cyclohexane, 1,3,5-trimethyl-, (...) | 126 | C9H18   | 001795-27-3 | 86   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

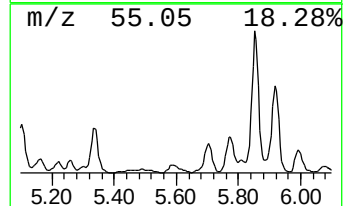
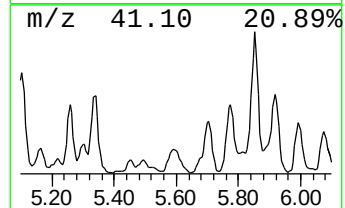
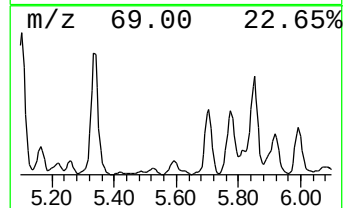
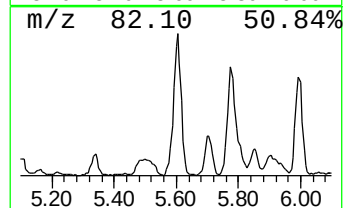
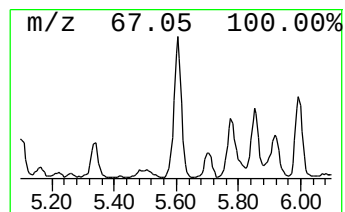
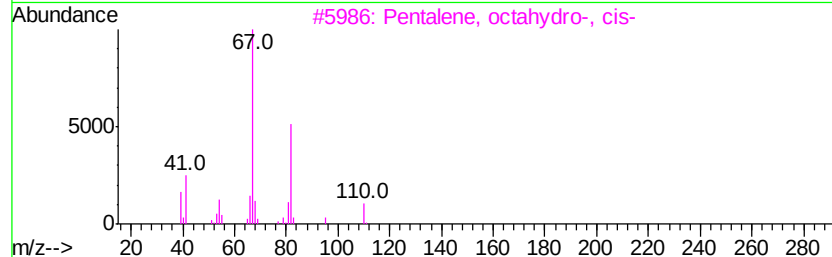
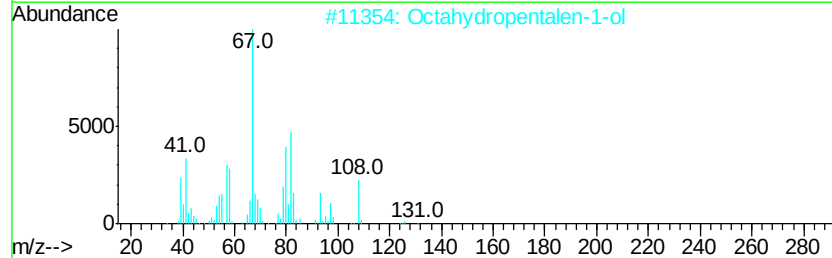
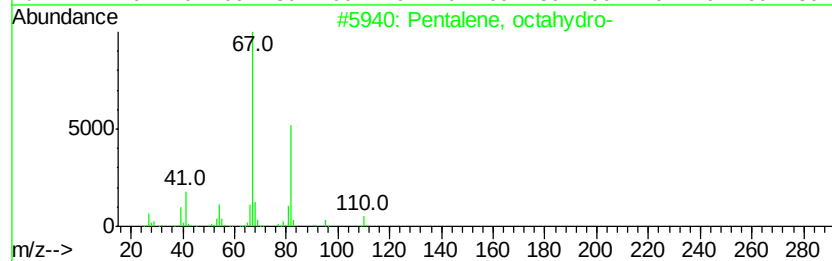
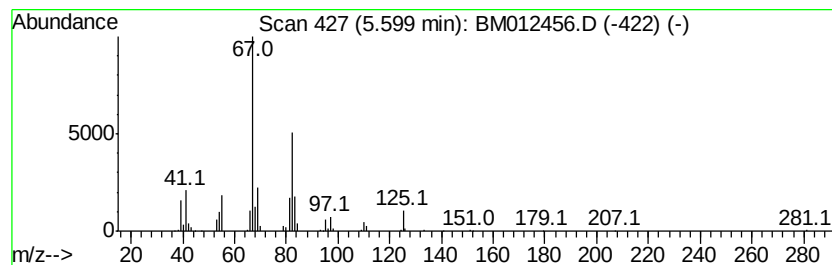
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Pentalene, octahydro- Concentration Rank 60

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.60 | 2.23 ng/ul | 1361990 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Pentalene, octahydro-       | 110 | C8H14   | 000694-72-4 | 83   |
| 2    |    | Octahydropentalen-1-ol      | 126 | C8H14O  | 037465-25-1 | 72   |
| 3    |    | Pentalene, octahydro-, cis- | 110 | C8H14   | 001755-05-1 | 64   |
| 4    |    | Pentalene, octahydro-, cis- | 110 | C8H14   | 001755-05-1 | 64   |
| 5    |    | Pentalene, octahydro-       | 110 | C8H14   | 000694-72-4 | 64   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

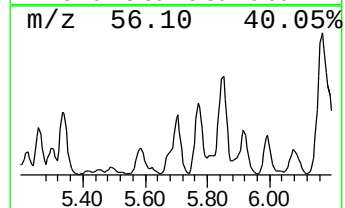
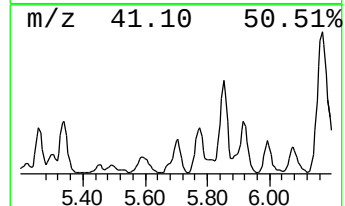
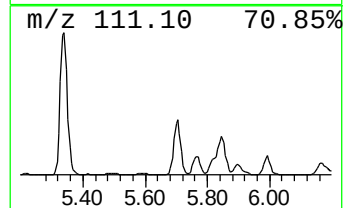
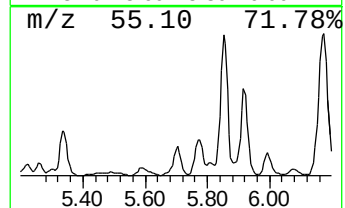
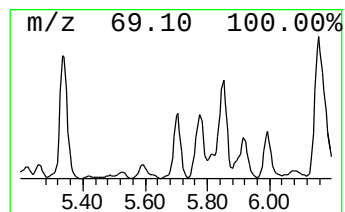
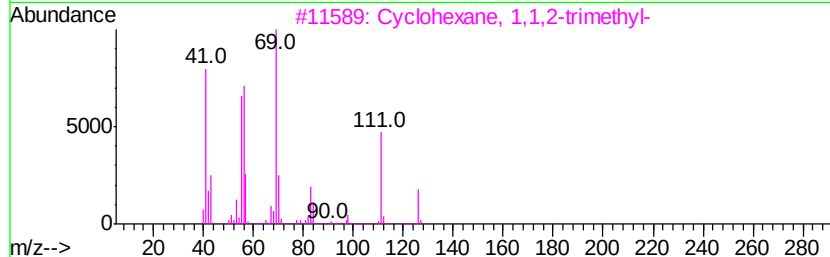
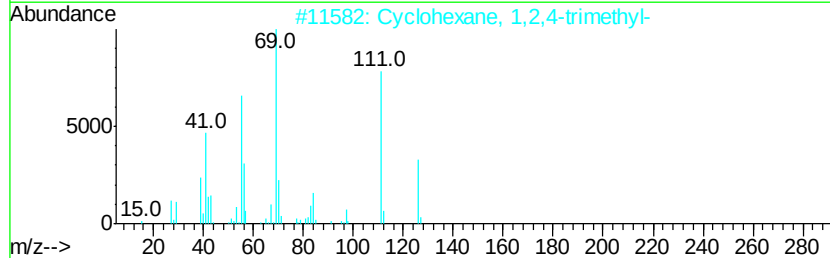
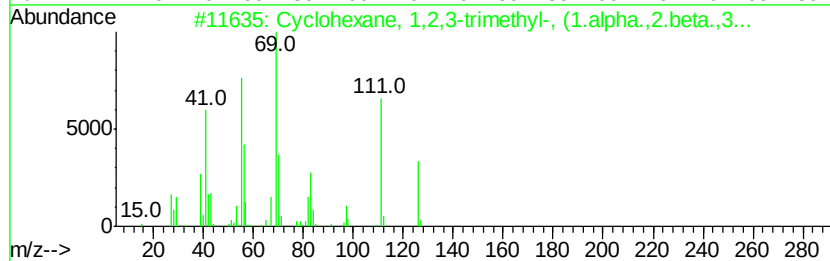
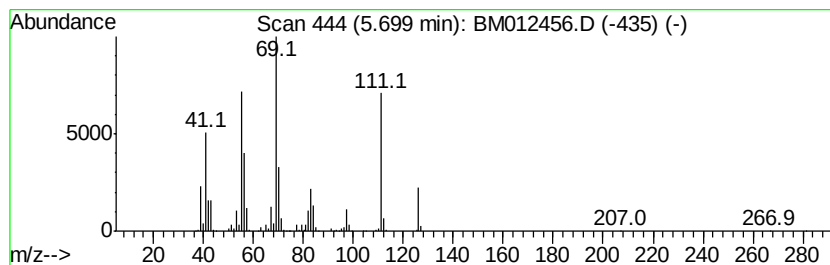
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Cyclic5.70 Concentration Rank 48

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.70 | 3.38 ng/ul | 2068990 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,2,3-trimethyl-, (... | 126 | C9H18   | 001678-81-5 | 95   |
| 2    |    |   | Cyclohexane, 1,2,4-trimethyl-       | 126 | C9H18   | 002234-75-5 | 87   |
| 3    |    |   | Cyclohexane, 1,1,2-trimethyl-       | 126 | C9H18   | 007094-26-0 | 76   |
| 4    |    |   | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18   | 007667-60-9 | 76   |
| 5    |    |   | Cyclohexane, 1,1,2-trimethyl-       | 126 | C9H18   | 007094-26-0 | 68   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

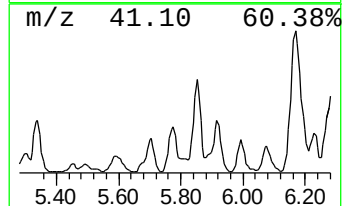
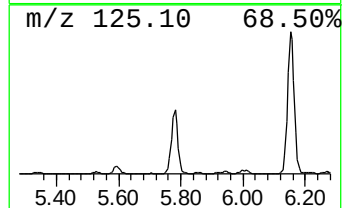
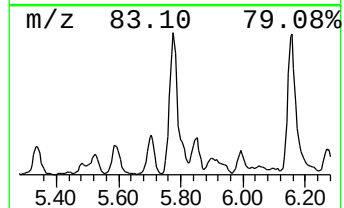
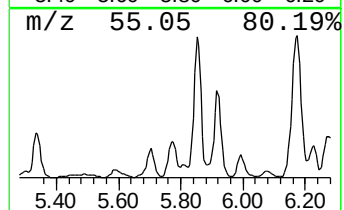
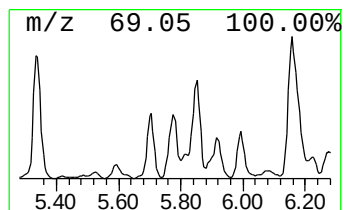
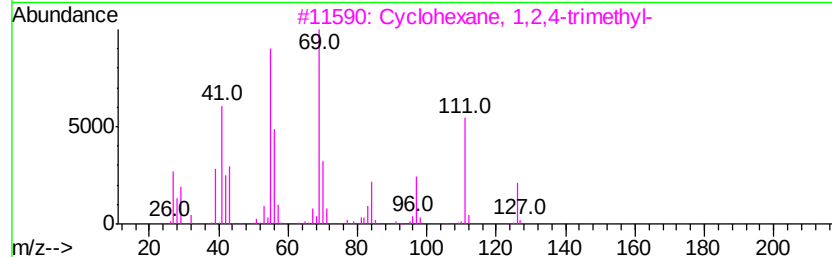
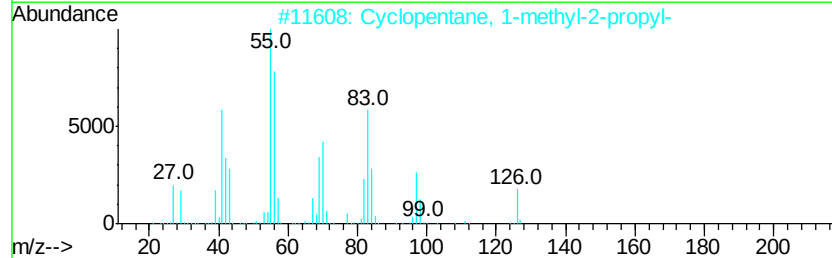
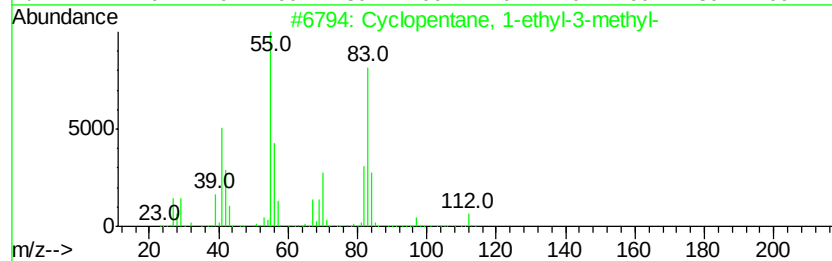
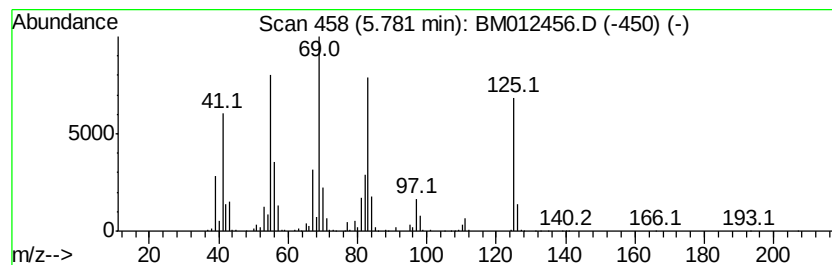
Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 8 (DEL) Alkane: Cyclic5.78 Concentration Rank 42

| R.T.    | EstConc    | Area                             | Relative to ISTD       | R.T.    |             |      |
|---------|------------|----------------------------------|------------------------|---------|-------------|------|
| 5.78    | 4.34 ng/ul | 2652920                          | 1,4-Dichlorobenzene-d4 | 7.89    |             |      |
| Hit# of | 5          | Tentative ID                     | MW                     | MolForm | CAS#        | Qual |
| 1       |            | Cyclopentane, 1-ethyl-3-methyl-  | 112                    | C8H16   | 003726-47-4 | 50   |
| 2       |            | Cyclopentane, 1-methyl-2-propyl- | 126                    | C9H18   | 003728-57-2 | 46   |
| 3       |            | Cyclohexane, 1,2,4-trimethyl-    | 126                    | C9H18   | 002234-75-5 | 43   |
| 4       |            | Oxazole, 4-ethyl-2,5-dimethyl-   | 125                    | C7H11NO | 030408-61-8 | 43   |
| 5       |            | 2,2-Dimethyl-3-heptene trans     | 126                    | C9H18   | 019550-75-5 | 42   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

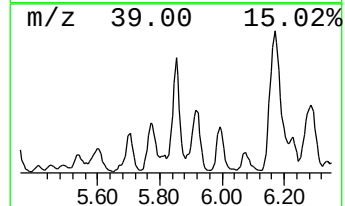
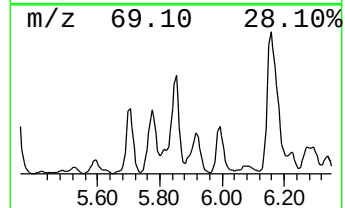
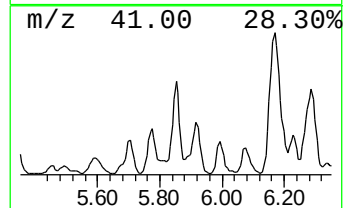
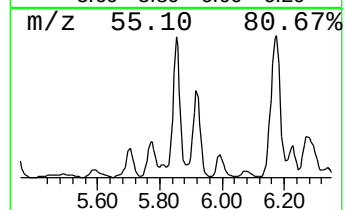
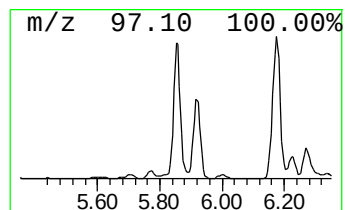
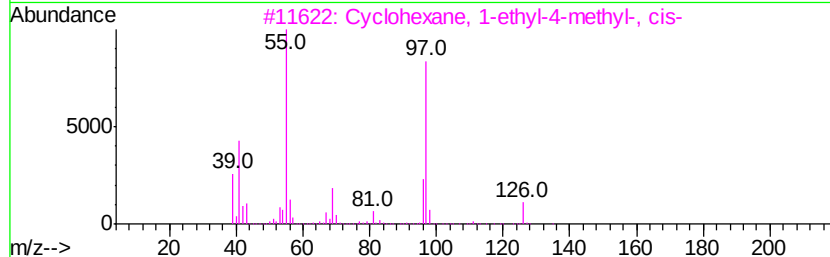
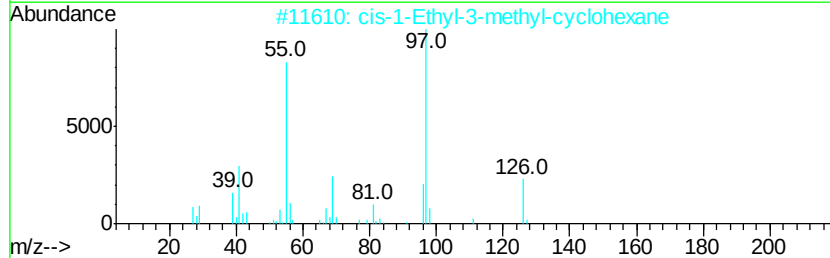
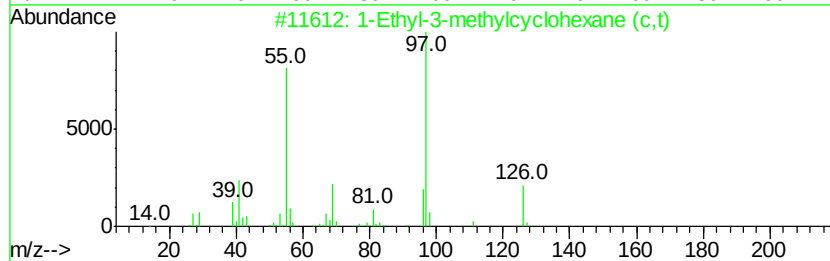
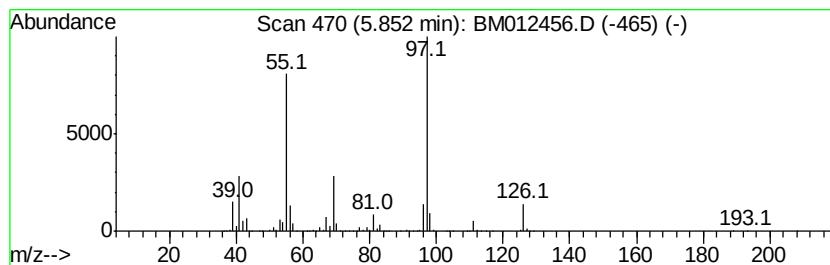
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 (DEL) Alkane: Cyclic5.85 Concentration Rank 31

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.85 | 6.77 ng/ul | 4137750 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Ethyl-3-methylcyclohexane (c,t)   | 126 | C9H18   | 003728-55-0 | 91   |
| 2    |    |   | cis-1-Ethyl-3-methyl-cyclohexane    | 126 | C9H18   | 019489-10-2 | 91   |
| 3    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 87   |
| 4    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 006236-88-0 | 87   |
| 5    |    |   | 1-Ethyl-4-methylcyclohexane         | 126 | C9H18   | 003728-56-1 | 87   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

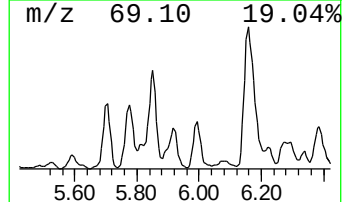
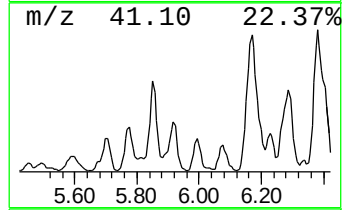
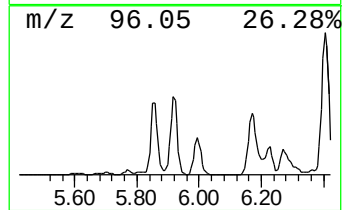
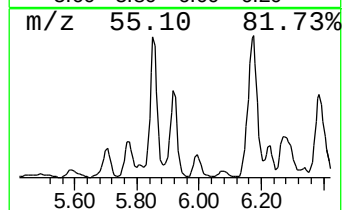
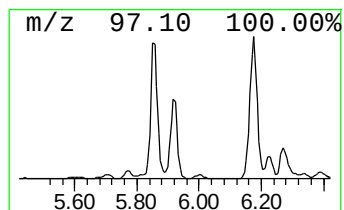
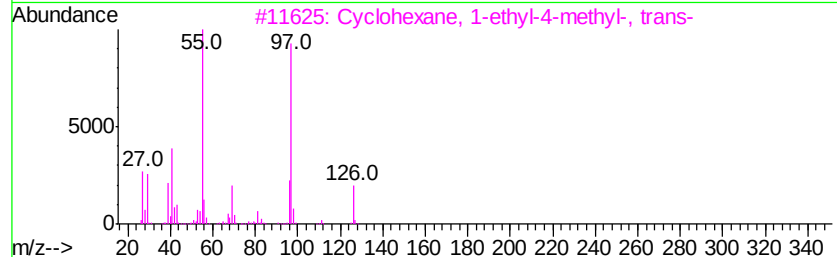
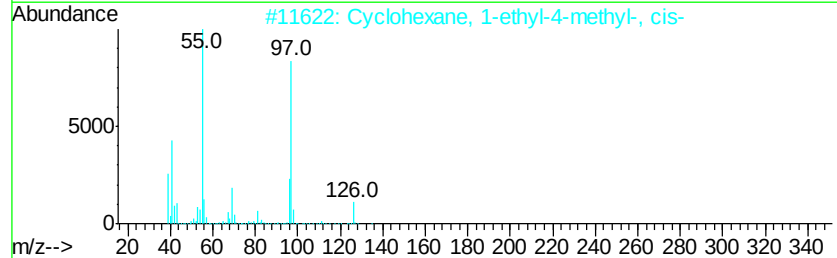
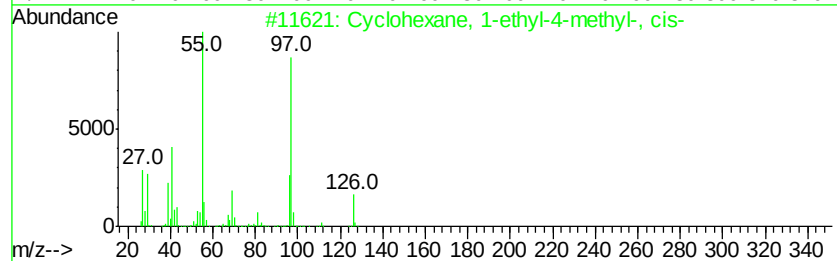
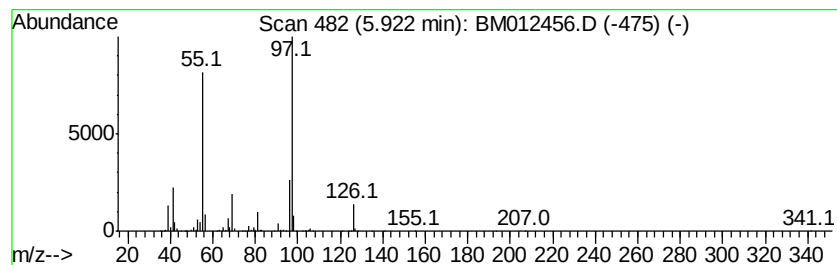
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Cyclic5.92 Concentration Rank 34

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.92 | 6.08 ng/ul | 3720210 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 93   |
| 2    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 90   |
| 3    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 006236-88-0 | 90   |
| 4    |    |   | 1-Ethyl-4-methylcyclohexane         | 126 | C9H18   | 003728-56-1 | 87   |
| 5    |    |   | cis-1-Ethyl-3-methyl-cyclohexane    | 126 | C9H18   | 019489-10-2 | 83   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

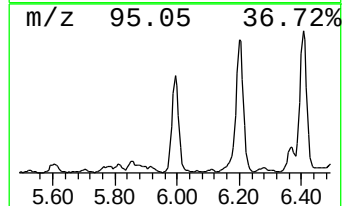
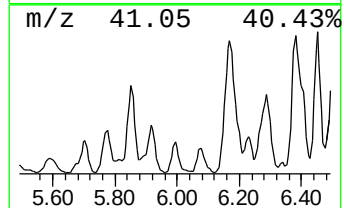
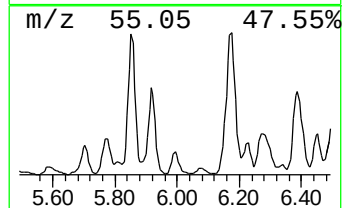
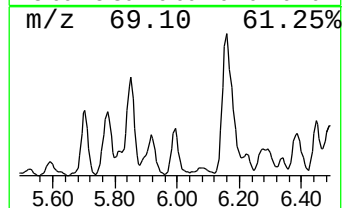
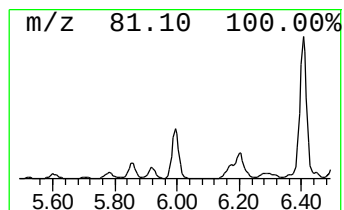
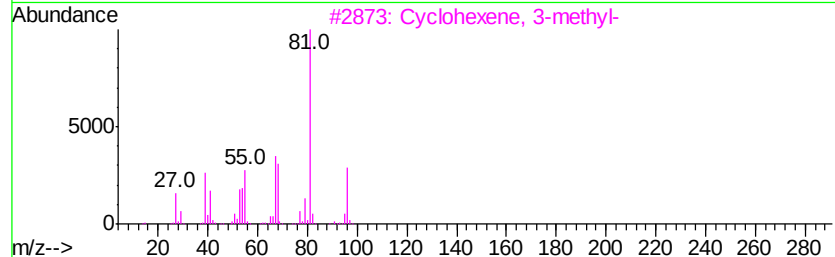
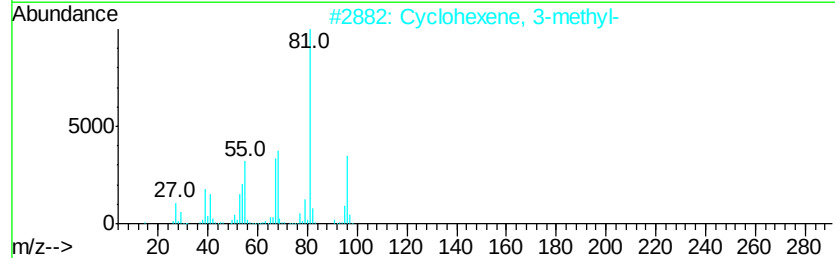
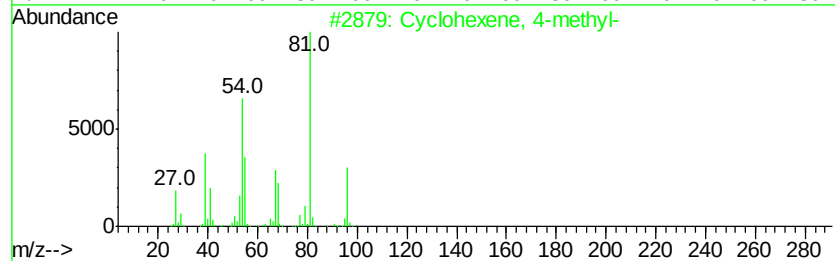
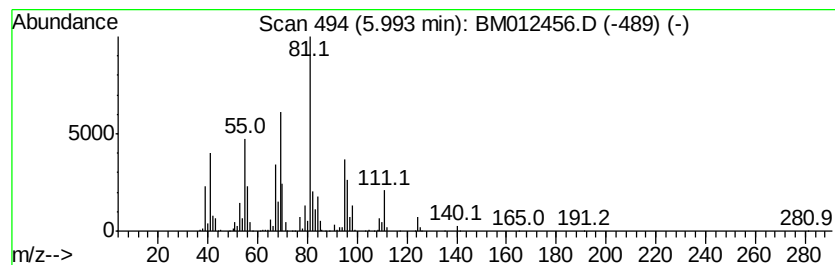
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown-01 Concentration Rank 46

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 5.99 | 3.82 ng/ul | 2333370 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexene, 4-methyl-             | 96  | C7H12   | 000591-47-9 | 46   |
| 2    |    |   | Cyclohexene, 3-methyl-             | 96  | C7H12   | 000591-48-0 | 46   |
| 3    |    |   | Cyclohexene, 3-methyl-             | 96  | C7H12   | 000591-48-0 | 46   |
| 4    |    |   | Cyclobutane, (1-methylethylidene)- | 96  | C7H12   | 001528-22-9 | 43   |
| 5    |    |   | 4-Ethylcyclohexene                 | 110 | C8H14   | 003742-42-5 | 43   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

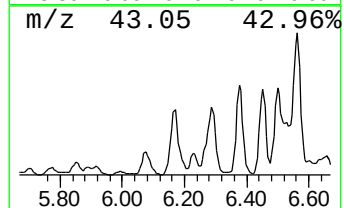
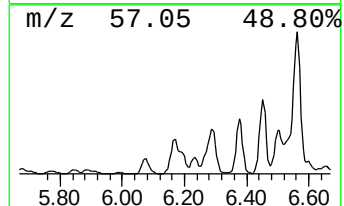
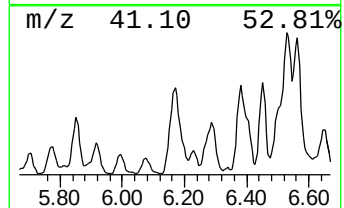
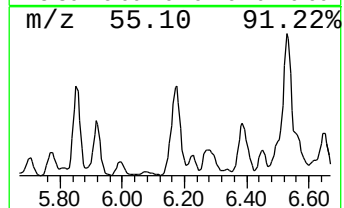
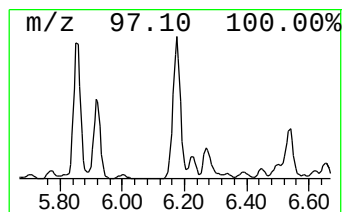
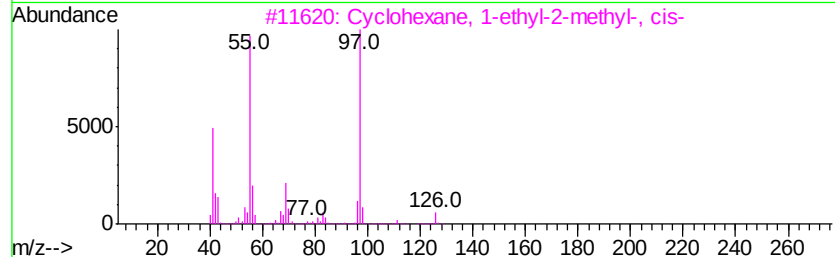
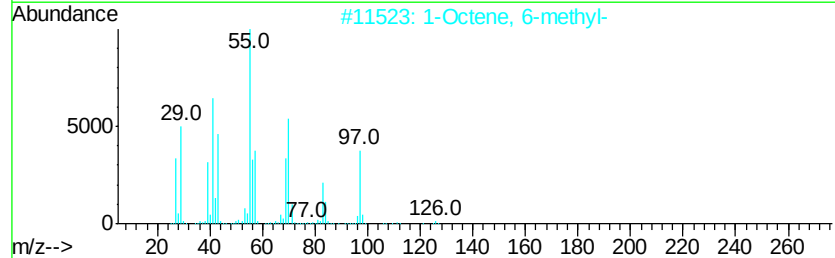
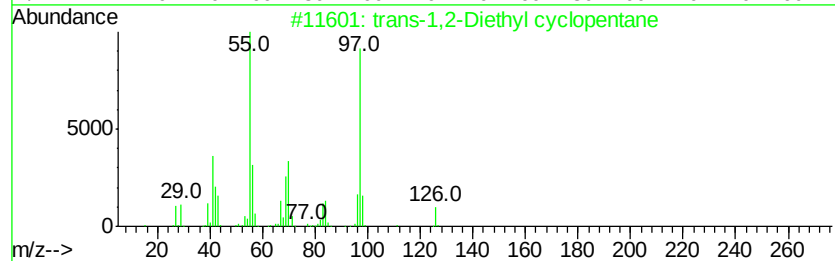
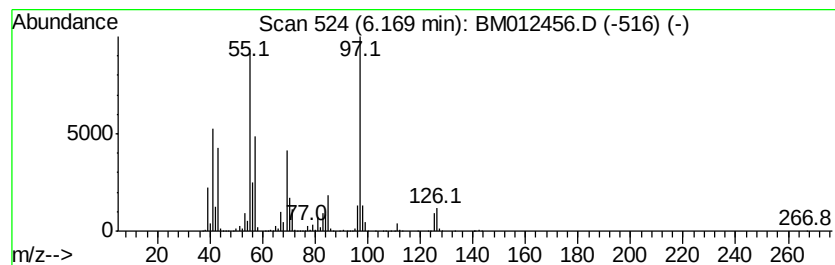
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TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Cyclic6.17 Concentration Rank 3

| R.T. | EstConc     | Area     | Relative to ISTD       | R.T. |
|------|-------------|----------|------------------------|------|
| 6.17 | 18.05 ng/ul | 11037900 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | trans-1,2-Diethyl cyclopentane      |   |              | 126 | C9H18   | 000932-40-1 | 80   |
| 2    | 1-Octene, 6-methyl-                 |   |              | 126 | C9H18   | 013151-10-5 | 80   |
| 3    | Cyclohexane, 1-ethyl-2-methyl-, ... |   |              | 126 | C9H18   | 004923-77-7 | 64   |
| 4    | Cyclohexane, 1-ethyl-2-methyl-, ... |   |              | 126 | C9H18   | 004923-78-8 | 58   |
| 5    | Cyclohexane, 1-ethyl-4-methyl-, ... |   |              | 126 | C9H18   | 004926-78-7 | 58   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

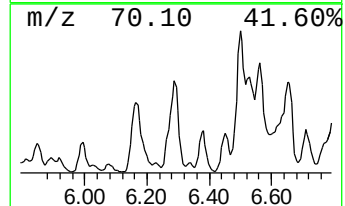
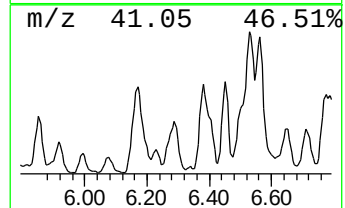
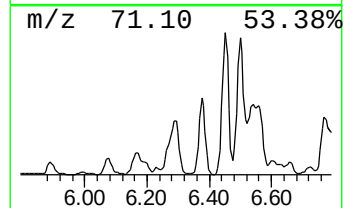
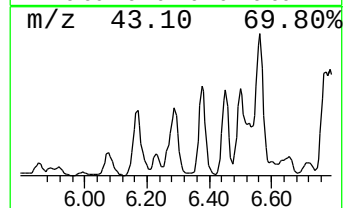
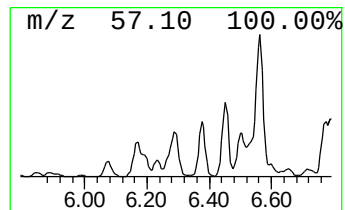
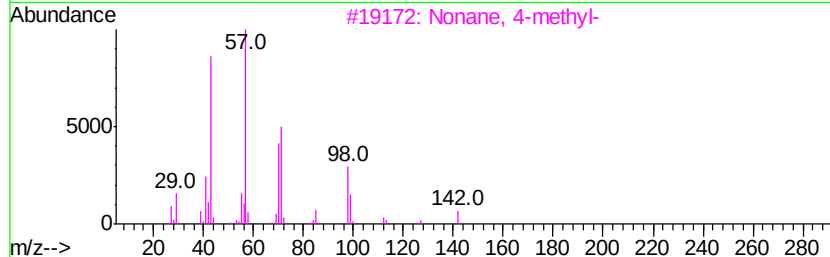
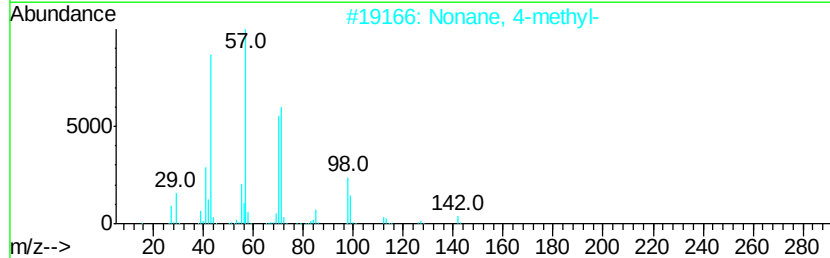
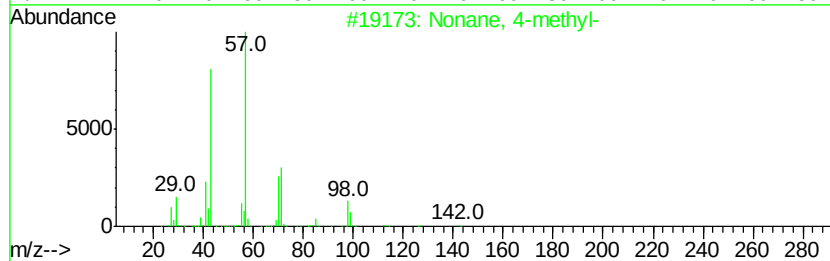
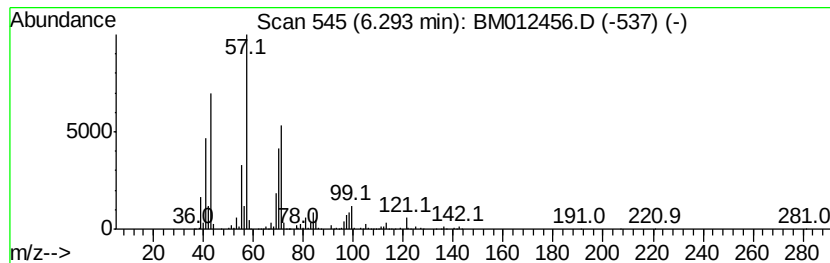
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.29 | 8.20 ng/ul | 5013670 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonane, 4-methyl-       | 142 | C10H22  | 017301-94-9 | 64   |
| 2    |    | Nonane, 4-methyl-       | 142 | C10H22  | 017301-94-9 | 64   |
| 3    |    | Nonane, 4-methyl-       | 142 | C10H22  | 017301-94-9 | 53   |
| 4    |    | Octane, 3,5-dimethyl-   | 142 | C10H22  | 015869-93-9 | 53   |
| 5    |    | Undecane, 3,5-dimethyl- | 184 | C13H28  | 017312-81-1 | 47   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

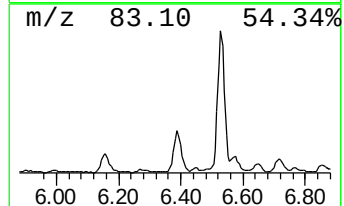
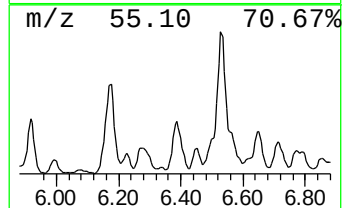
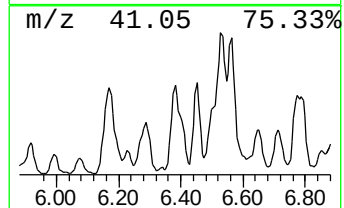
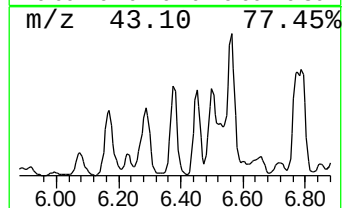
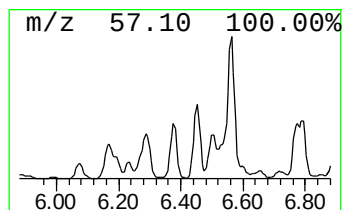
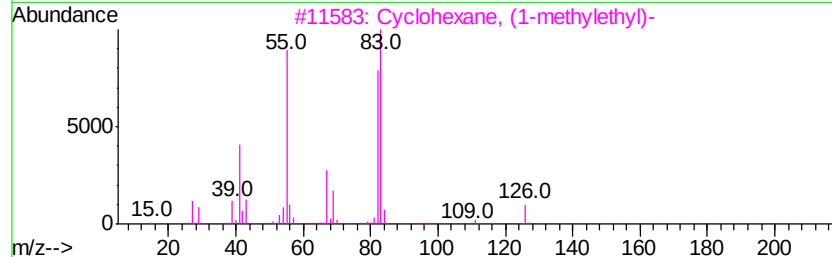
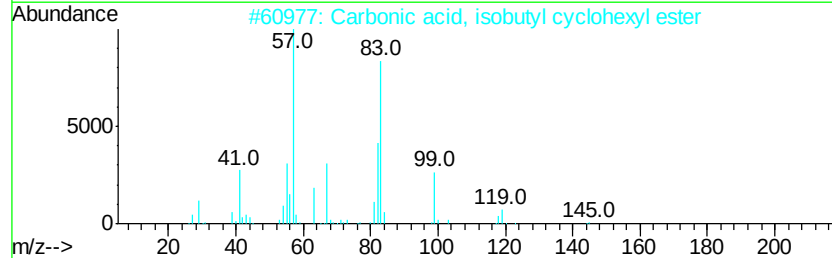
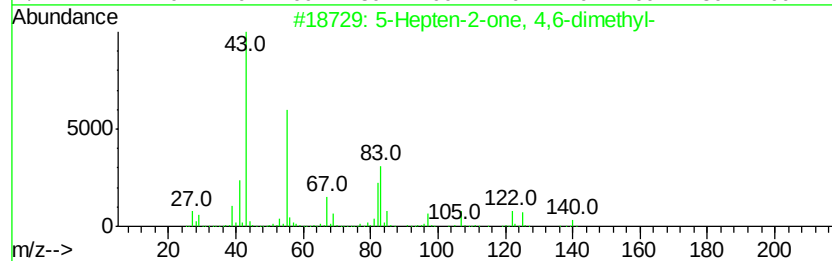
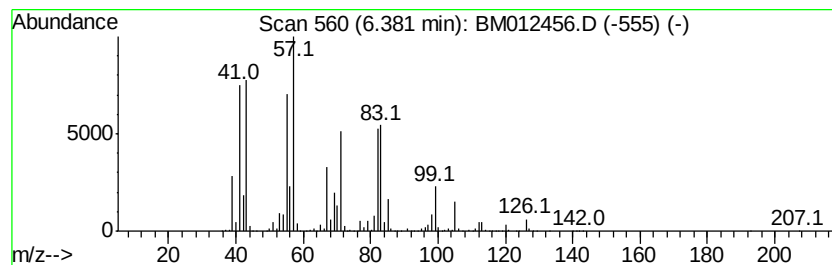
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 unknown-02 Concentration Rank 10

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 6.38 | 10.59 ng/ul | 6477820 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 5-Hepten-2-one, 4,6-dimethyl-       | 140 | C9H16O   | 031162-48-8  | 45   |
| 2    |    | Carbonic acid, isobutyl cyclohex... | 200 | C11H20O3 | 1000357-82-7 | 43   |
| 3    |    | Cyclohexane, (1-methylethyl)-       | 126 | C9H18    | 000696-29-7  | 38   |
| 4    |    | Tetradecane, 1-chloro-              | 232 | C14H29Cl | 002425-54-9  | 27   |
| 5    |    | 2-Penten-1-ol, 2-methyl-, (Z)-      | 100 | C6H12O   | 016958-20-6  | 25   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

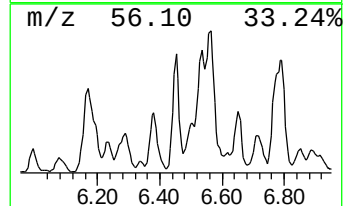
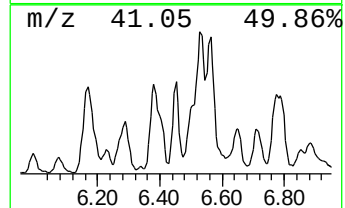
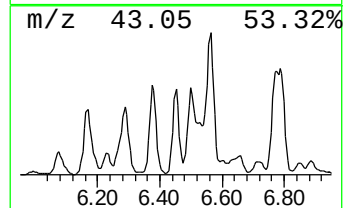
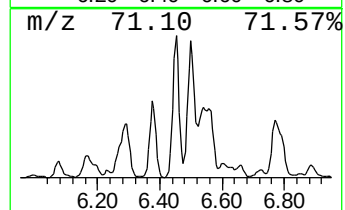
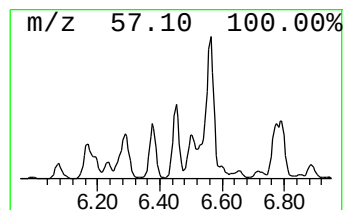
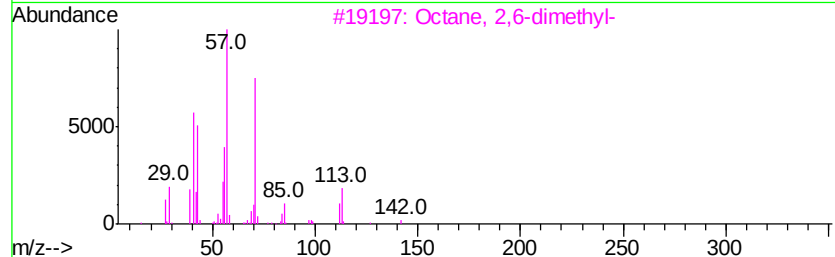
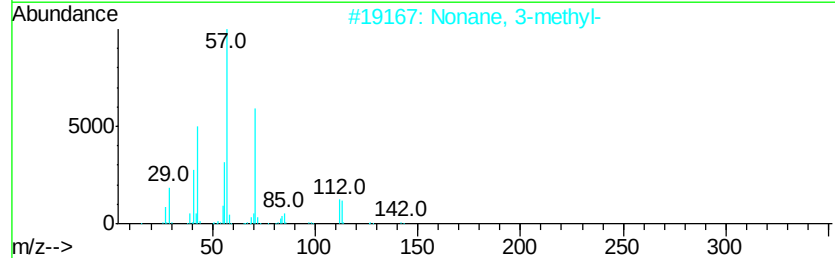
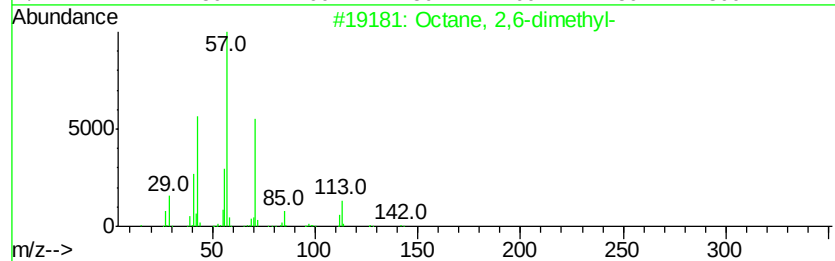
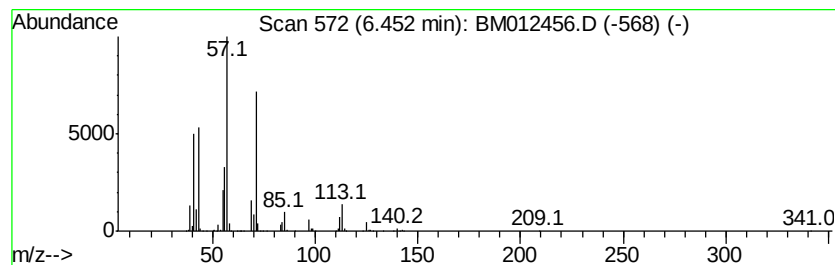
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TIC Integration Parameters: LSCINT.P

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Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.45 | 6.68 ng/ul | 4084760 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,6-dimethyl- | 142 | C10H22  | 002051-30-1 | 90   |
| 2    |    |   | Nonane, 3-methyl-     | 142 | C10H22  | 005911-04-6 | 87   |
| 3    |    |   | Octane, 2,6-dimethyl- | 142 | C10H22  | 002051-30-1 | 86   |
| 4    |    |   | Octane, 2,6-dimethyl- | 142 | C10H22  | 002051-30-1 | 83   |
| 5    |    |   | Nonane, 3-methyl-     | 142 | C10H22  | 005911-04-6 | 74   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

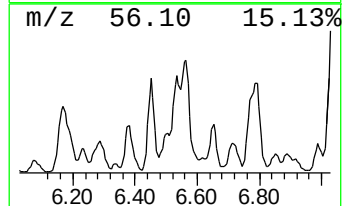
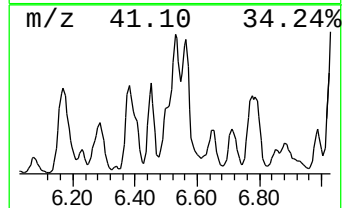
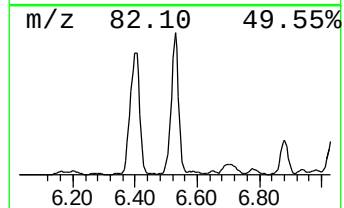
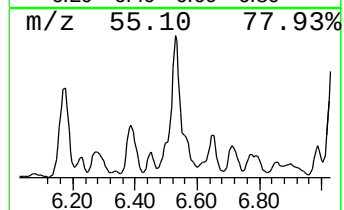
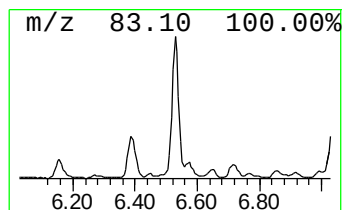
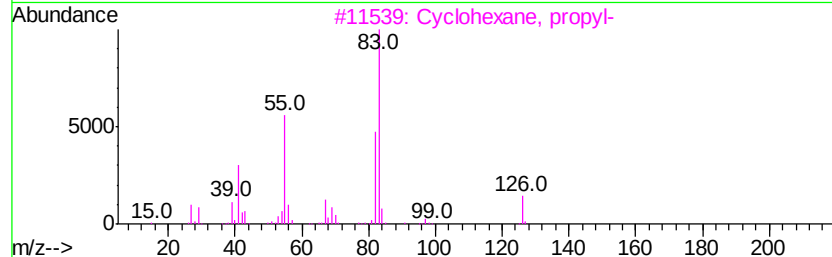
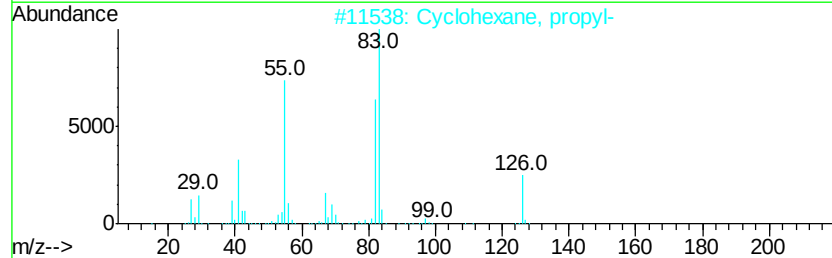
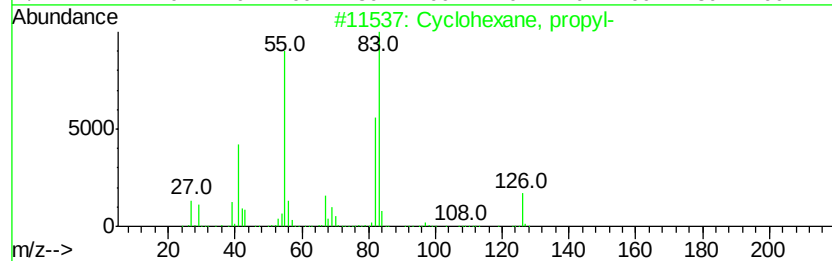
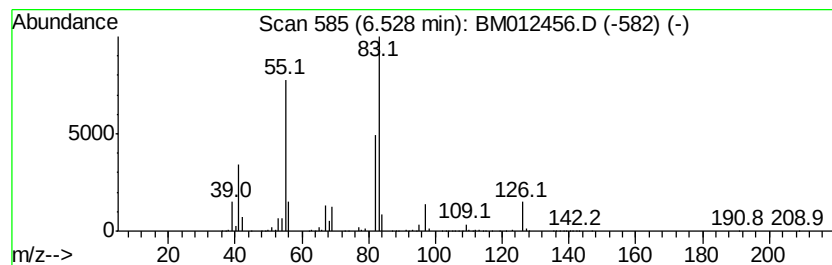
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 (DEL) Alkane: Cyclic6.53 Concentration Rank 25

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.53 | 7.92 ng/ul | 4840980 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, propyl-            | 126 | C9H18   | 001678-92-8 | 93   |
| 2    |    | Cyclohexane, propyl-            | 126 | C9H18   | 001678-92-8 | 90   |
| 3    |    | Cyclohexane, propyl-            | 126 | C9H18   | 001678-92-8 | 87   |
| 4    |    | Cyclohexane, propyl-            | 126 | C9H18   | 001678-92-8 | 86   |
| 5    |    | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16   | 016747-50-5 | 76   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

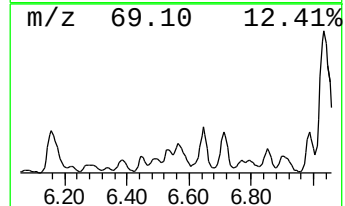
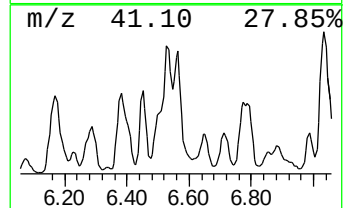
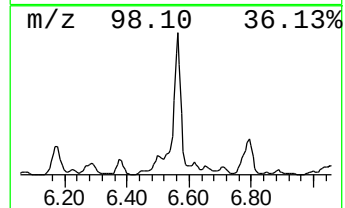
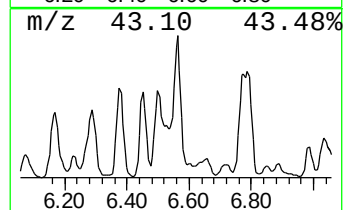
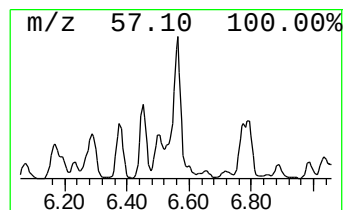
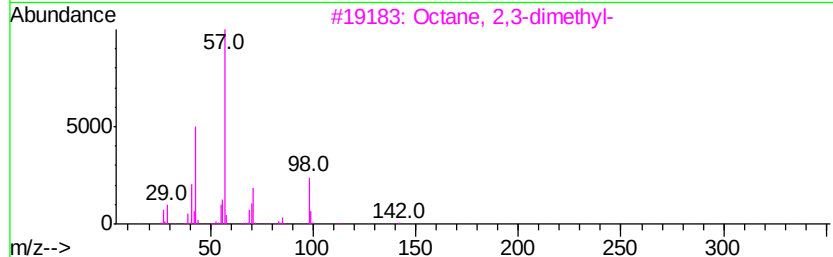
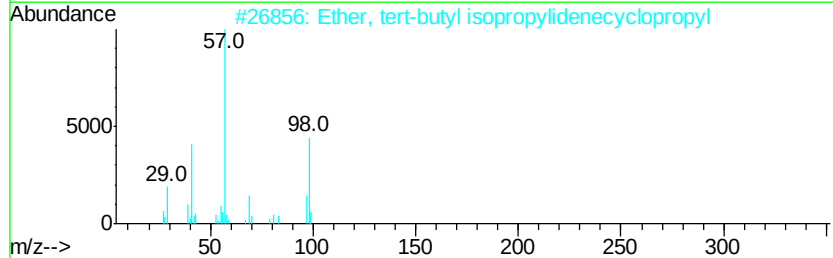
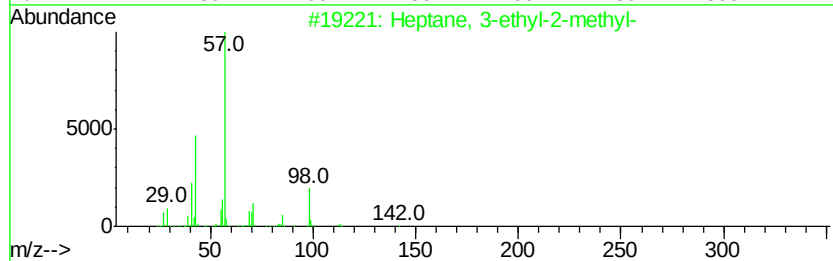
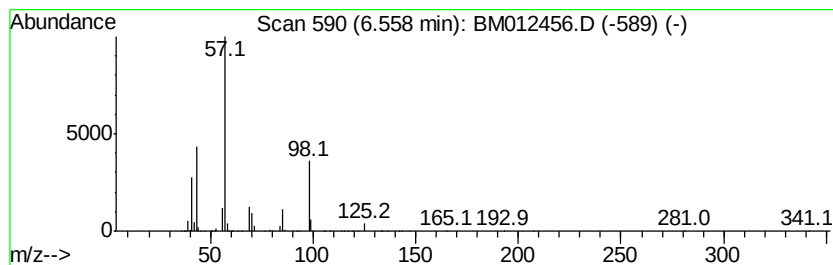
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 6.56 | 10.44 ng/ul | 6382780 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane, 3-ethyl-2-methyl-          | 142 | C10H22  | 014676-29-0 | 64   |
| 2    |    | Ether, tert-butyl isopropylidene... | 154 | C10H18O | 024524-56-9 | 45   |
| 3    |    | Octane, 2,3-dimethyl-               | 142 | C10H22  | 007146-60-3 | 38   |
| 4    |    | Heptane, 3-ethyl-2-methyl-          | 142 | C10H22  | 014676-29-0 | 38   |
| 5    |    | Heptane, 2,3,5-trimethyl-           | 142 | C10H22  | 020278-85-7 | 36   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

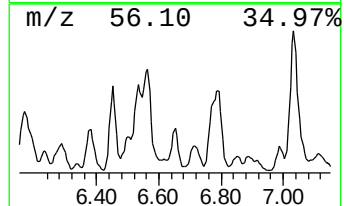
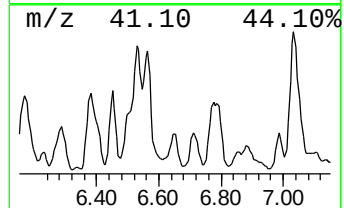
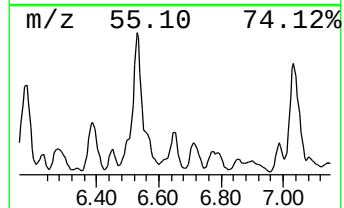
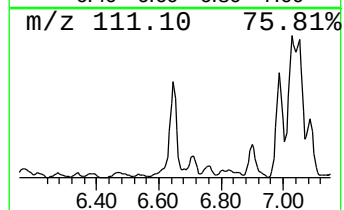
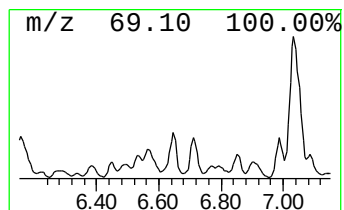
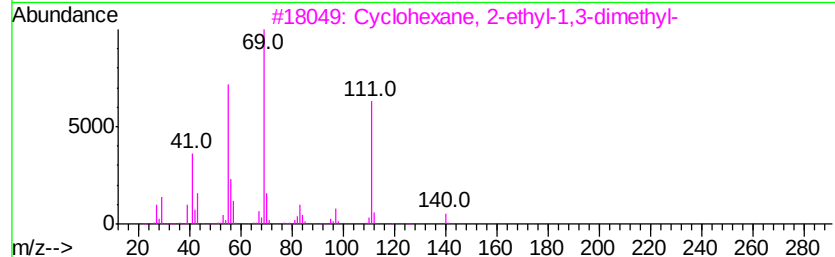
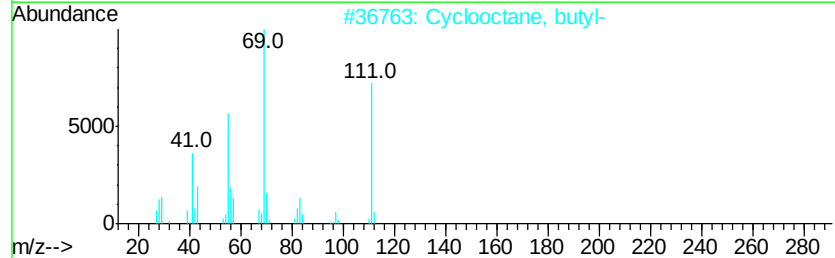
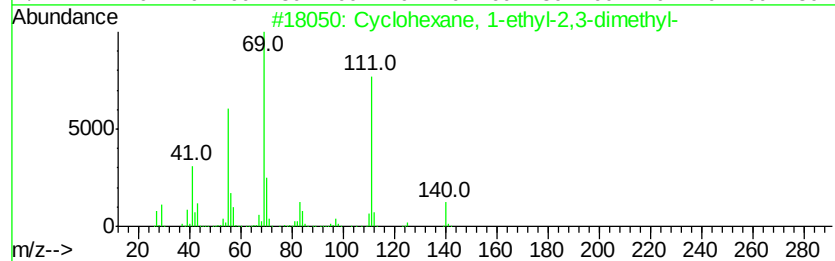
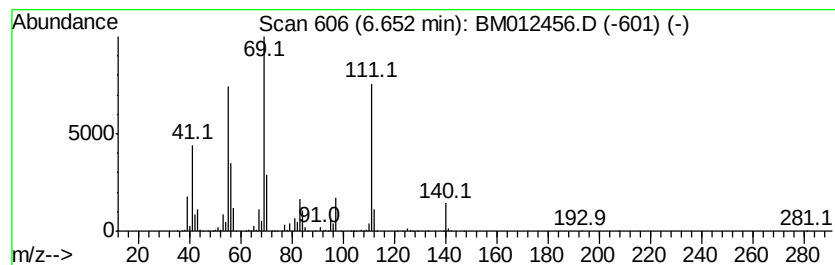
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 36

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.65 | 5.32 ng/ul | 3252510 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1-ethyl-2,3-dimethyl- | 140 | C10H20  | 007058-05-1 | 86   |
| 2    |    | Cyclooctane, butyl-                | 168 | C12H24  | 016538-93-5 | 86   |
| 3    |    | Cyclohexane, 2-ethyl-1,3-dimethyl- | 140 | C10H20  | 007045-67-2 | 72   |
| 4    |    | Cyclohexane, 1,3,5-trimethyl-      | 126 | C9H18   | 001839-63-0 | 72   |
| 5    |    | Cyclooctanemethanol                | 142 | C9H18O  | 003637-63-6 | 64   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

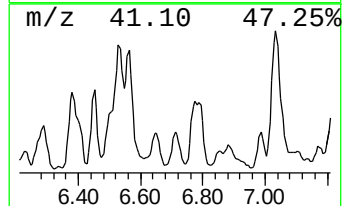
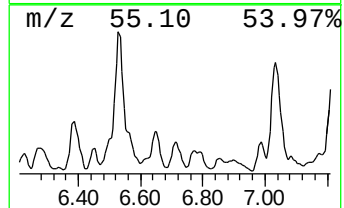
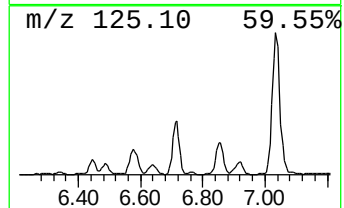
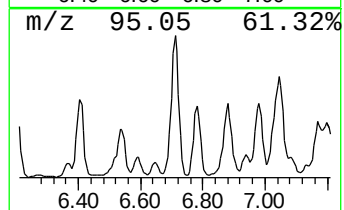
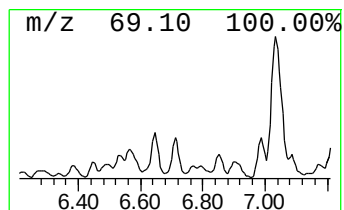
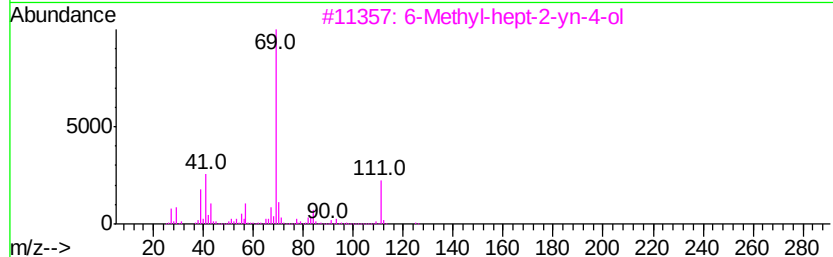
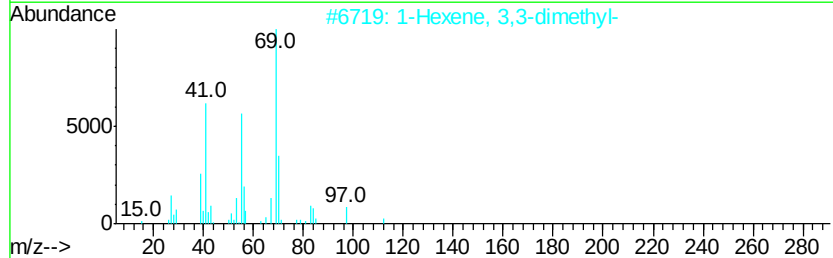
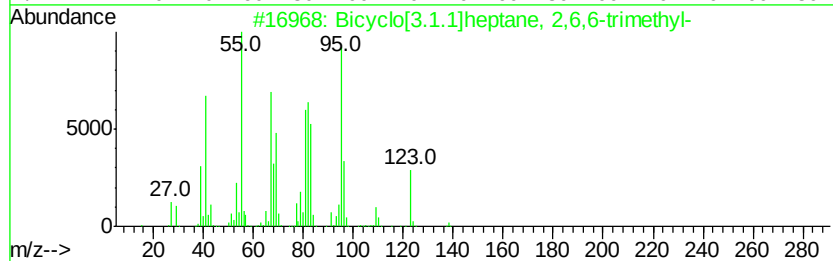
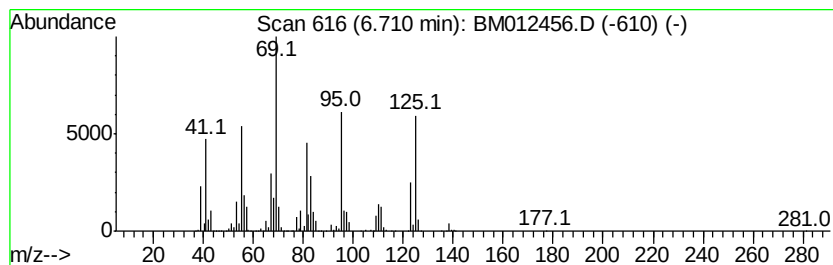
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 unknown-03 Concentration Rank 29

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.71 | 6.85 ng/ul | 4186120 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18  | 000473-55-2 | 30   |
| 2    |    |   | 1-Hexene, 3,3-dimethyl-             | 112 | C8H16   | 003404-77-1 | 30   |
| 3    |    |   | 6-Methyl-hept-2-yn-4-ol             | 126 | C8H14O  | 060018-69-1 | 27   |
| 4    |    |   | Methanone, dicyclopropyl-           | 110 | C7H10O  | 001121-37-5 | 27   |
| 5    |    |   | Cyclooctane, 1-methyl-3-propyl-     | 168 | C12H24  | 255885-37-1 | 22   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

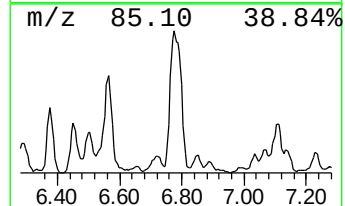
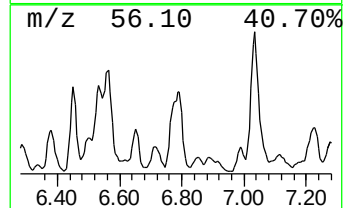
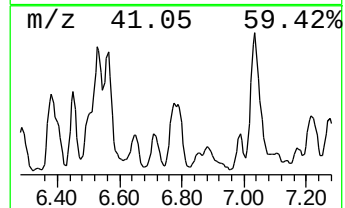
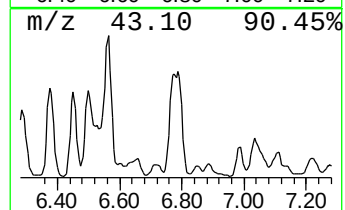
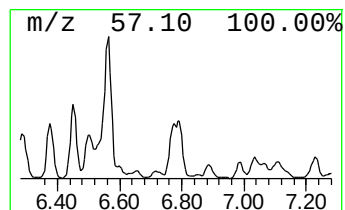
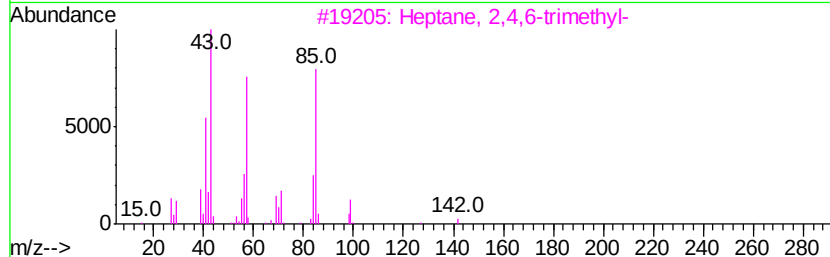
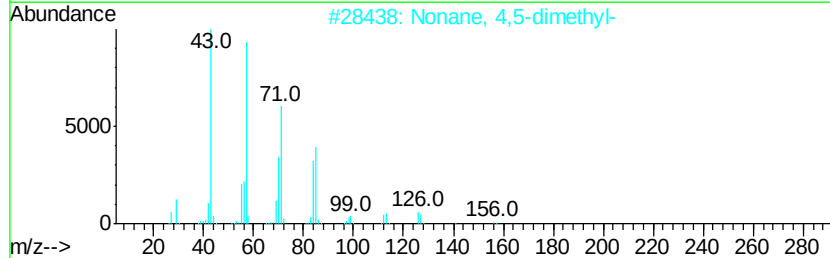
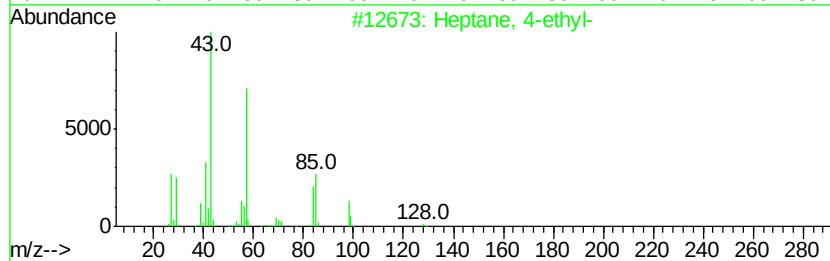
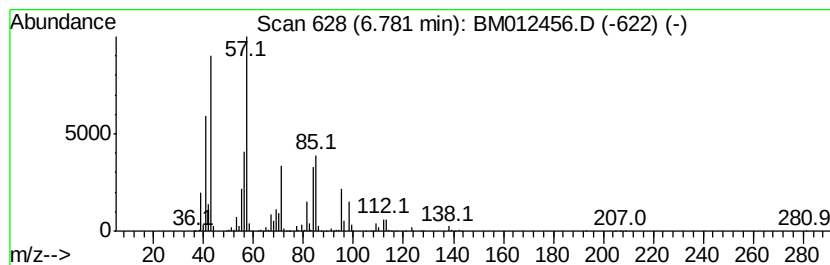
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.78 | 7.18 ng/ul | 4388870 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 4-ethyl-         | 128 | C9H20   | 002216-32-2 | 50   |
| 2    |    |   | Nonane, 4,5-dimethyl-     | 156 | C11H24  | 017302-23-7 | 47   |
| 3    |    |   | Heptane, 2,4,6-trimethyl- | 142 | C10H22  | 002613-61-8 | 47   |
| 4    |    |   | Octane, 2,4,6-trimethyl-  | 156 | C11H24  | 062016-37-9 | 47   |
| 5    |    |   | Hexane, 2,4-dimethyl-     | 114 | C8H18   | 000589-43-5 | 47   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

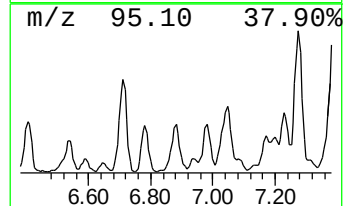
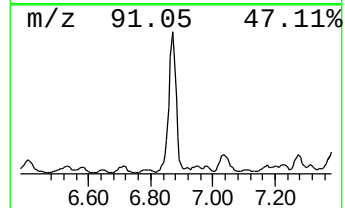
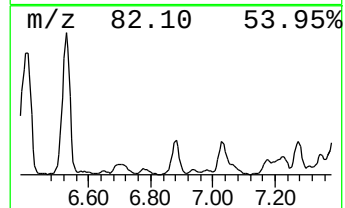
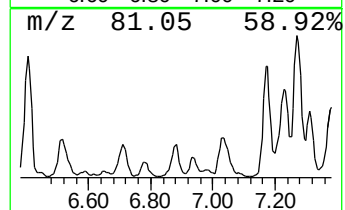
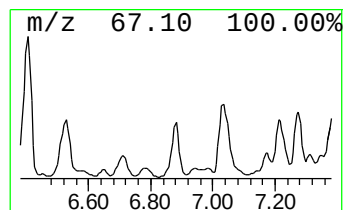
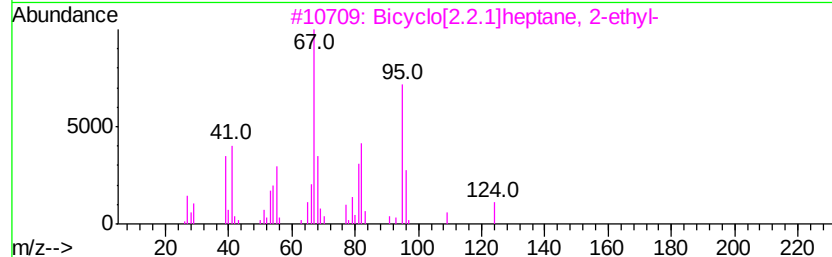
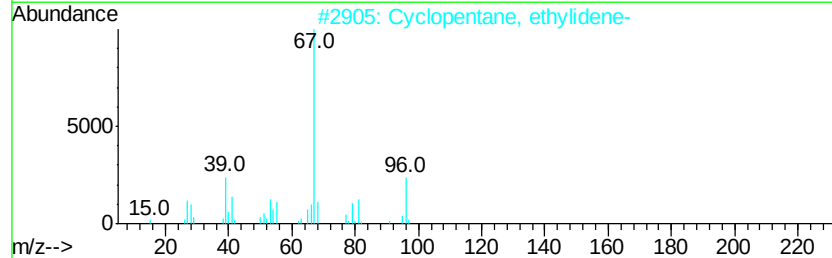
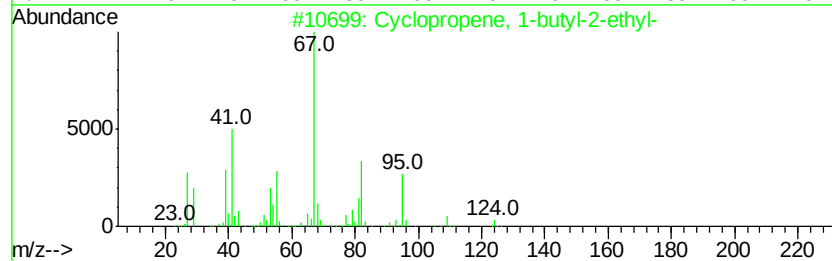
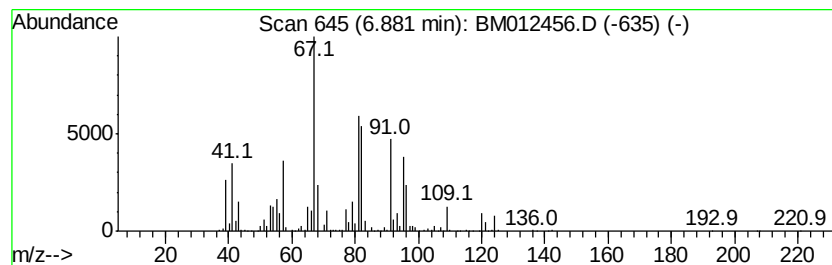
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 21 Cyclopropene, 1-butyl-2-ethyl- Concentration Rank 19

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.88 | 9.18 ng/ul | 5615300 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopropene, 1-butyl-2-ethyl-  | 124 | C9H16   | 050915-91-8 | 74   |
| 2    |    |   | Cyclopentane, ethylidene-       | 96  | C7H12   | 002146-37-4 | 55   |
| 3    |    |   | Bicyclo[2.2.1]heptane, 2-ethyl- | 124 | C9H16   | 002146-41-0 | 53   |
| 4    |    |   | 2-Ethylidenecyclohexanone       | 124 | C8H12O  | 001122-24-3 | 52   |
| 5    |    |   | 4-Octyne, 2-methyl-             | 124 | C9H16   | 010306-94-2 | 49   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

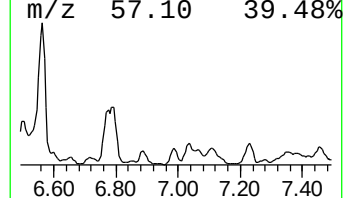
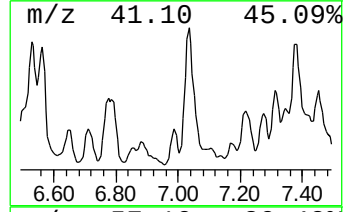
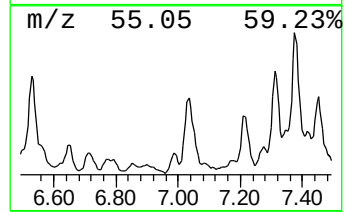
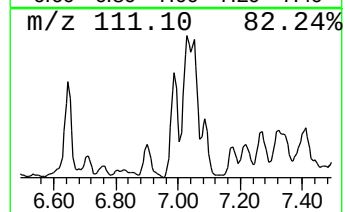
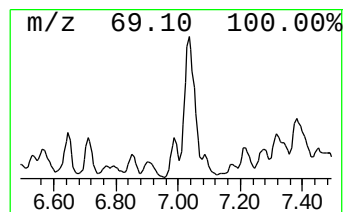
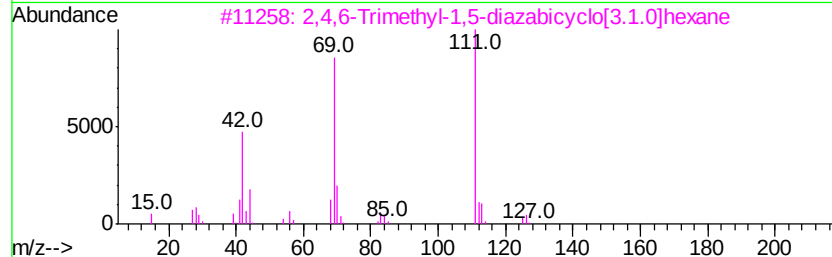
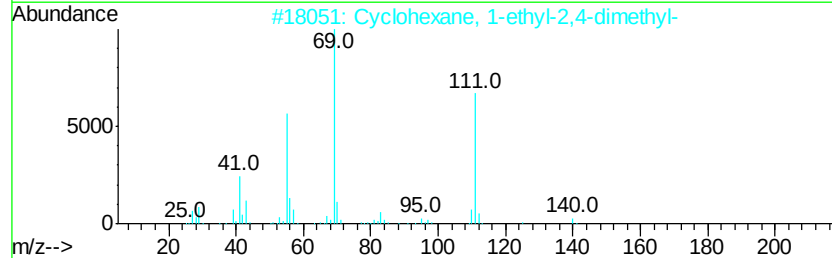
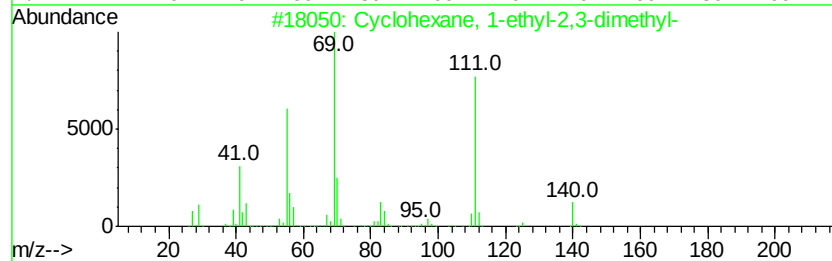
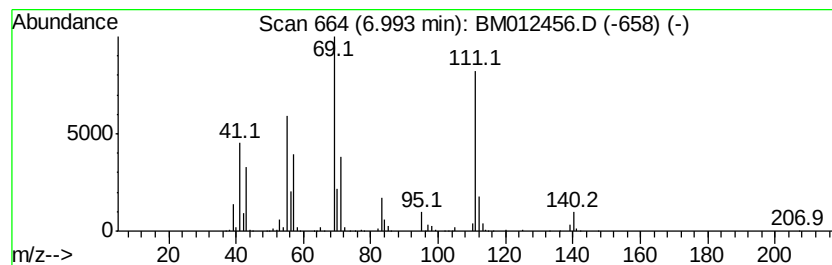
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 22 (DEL) Alkane: Cyclic6.99 Concentration Rank 38

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 6.99 | 5.22 ng/ul | 3195240 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Cyclohexane, 1-ethyl-2,3-dimethyl-  | 140 | C10H20  | 007058-05-1  | 64   |
| 2    |    | Cyclohexane, 1-ethyl-2,4-dimethyl-  | 140 | C10H20  | 061142-69-6  | 59   |
| 3    |    | 2,4,6-Trimethyl-1,5-diazabicyclo... | 126 | C7H14N2 | 1000283-21-2 | 53   |
| 4    |    | Cyclohexane, 2-ethyl-1,3-dimethyl-  | 140 | C10H20  | 007045-67-2  | 53   |
| 5    |    | Cyclooctane, ethyl-                 | 140 | C10H20  | 013152-02-8  | 53   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

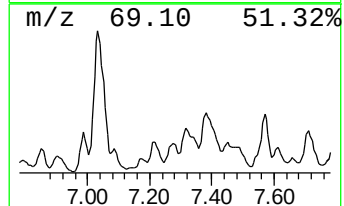
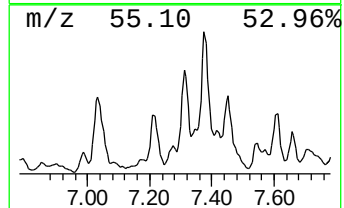
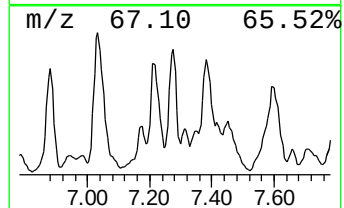
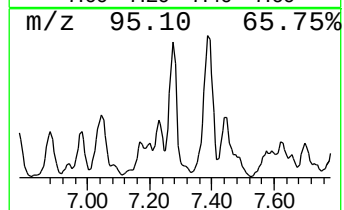
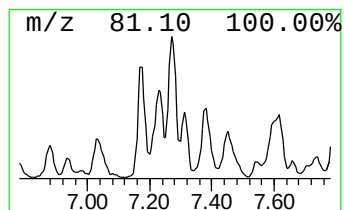
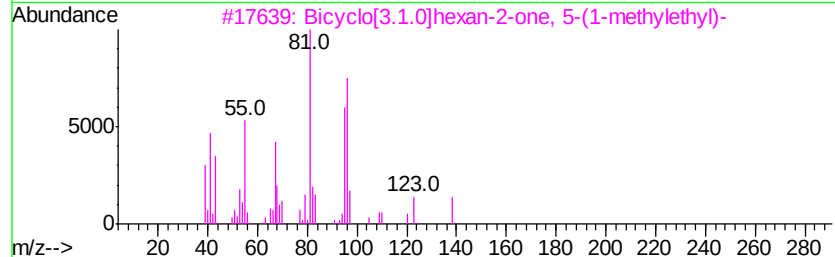
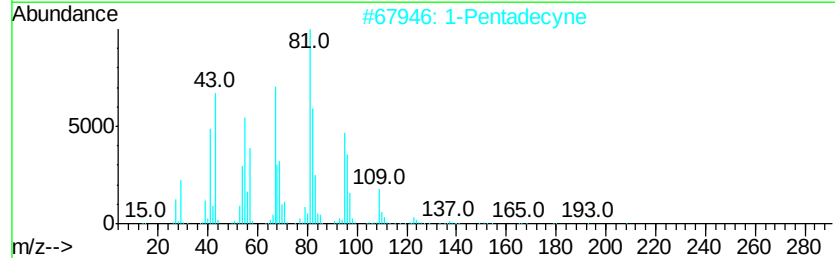
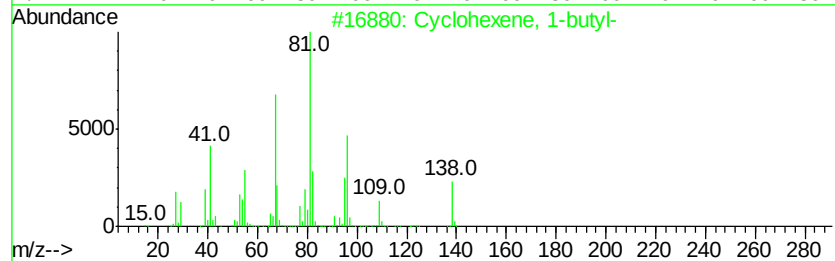
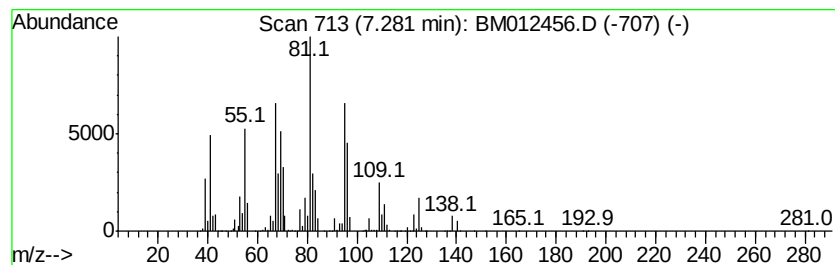
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 23 Cyclohexene, 1-butyl- Concentration Rank 21

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 7.28 | 8.45 ng/ul | 5166720 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexene, 1-butyl-                         | 138 | C10H18  | 003282-53-9 | 89   |
| 2    |    |   | 1-Pentadecyne                                 | 208 | C15H28  | 000765-13-9 | 80   |
| 3    |    |   | Bicyclo[3.1.0]hexan-2-one, 5-(1-methylethyl)- | 138 | C9H14O  | 000513-20-2 | 64   |
| 4    |    |   | Cyclohexene, 4-methyl-1-(1-methylethyl)-      | 138 | C10H18  | 000500-00-5 | 64   |
| 5    |    |   | Cyclohexene, 1-methyl-                        | 96  | C7H12   | 000591-49-1 | 53   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

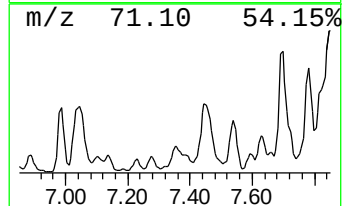
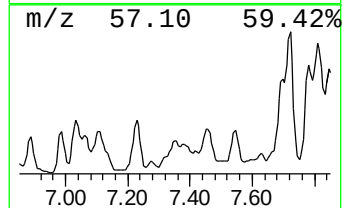
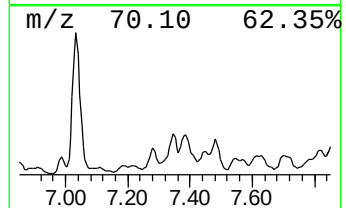
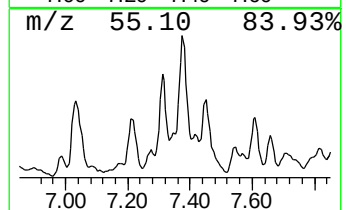
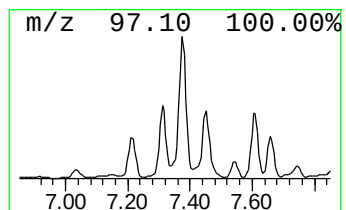
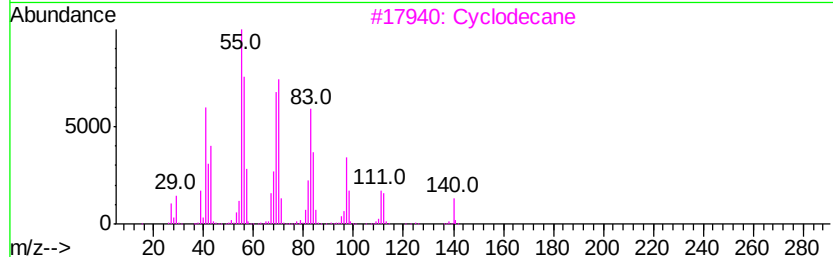
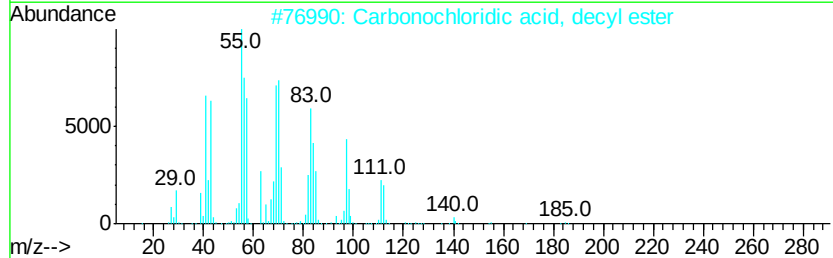
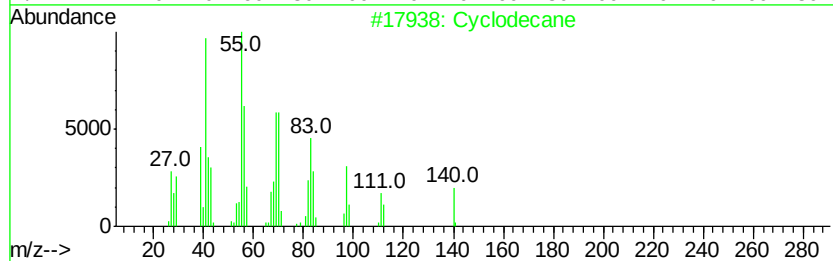
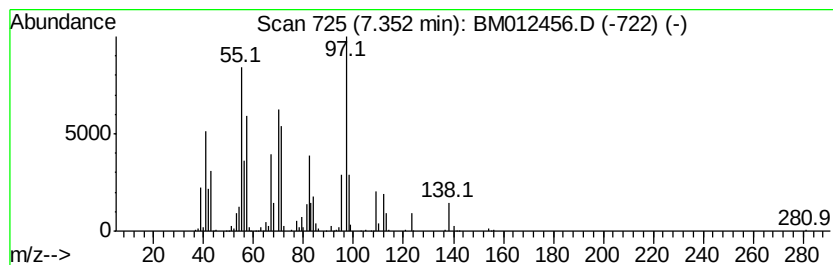
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 25 (DEL) Alkane: Cyclic7.35 Concentration Rank 52

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 7.35 | 3.07 ng/ul | 1879080 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                       | MW  | MolForm    | CAS#        | Qual |
|------|----|------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Cyclodecane                        | 140 | C10H20     | 000293-96-9 | 87   |
| 2    |    | Carbonochloridic acid, decyl ester | 220 | C11H21ClO2 | 055488-51-2 | 80   |
| 3    |    | Cyclodecane                        | 140 | C10H20     | 000293-96-9 | 74   |
| 4    |    | Cyclodecane                        | 140 | C10H20     | 000293-96-9 | 68   |
| 5    |    | 1-Decene                           | 140 | C10H20     | 000872-05-9 | 53   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

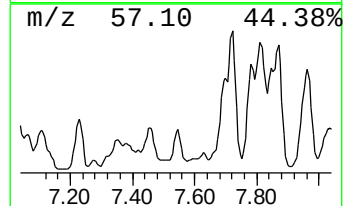
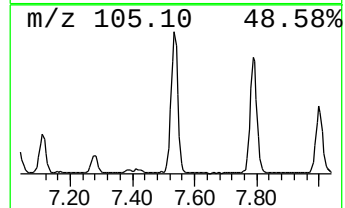
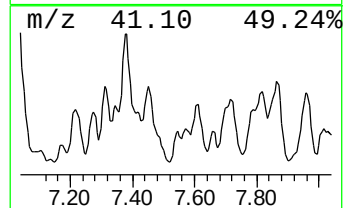
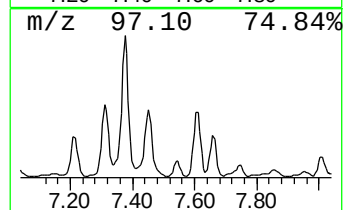
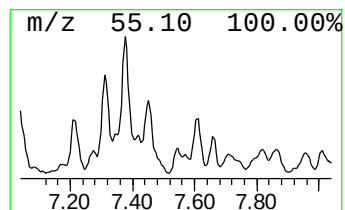
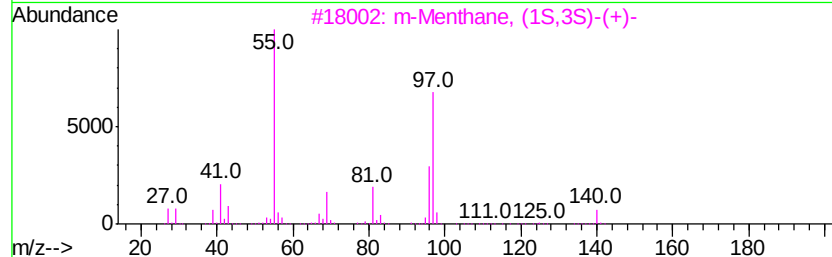
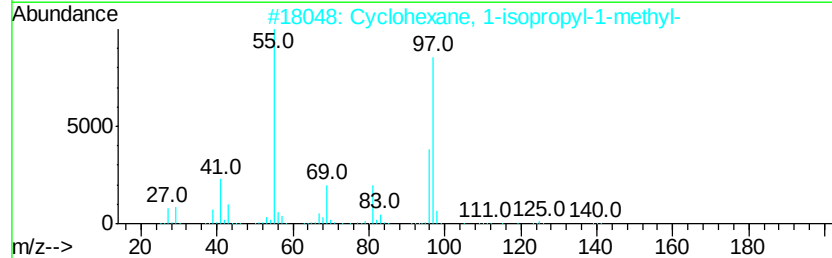
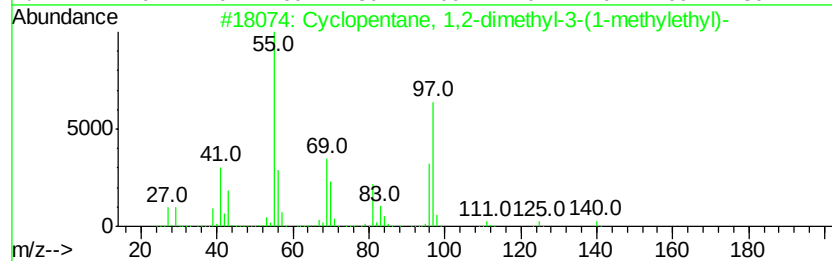
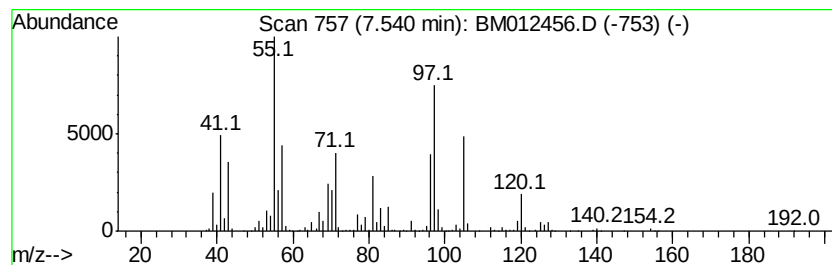
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 26 (DEL) Alkane: Cyclic7.54 Concentration Rank 37

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 7.54 | 5.25 ng/ul | 3212580 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Cyclopentane, 1,2-dimethyl-3-(1-...  | 140 | C10H20   | 000489-20-3  | 58   |
| 2    |    | Cyclohexane, 1-isopropyl-1-methyl-   | 140 | C10H20   | 016580-26-0  | 47   |
| 3    |    | m-Menthane, (1S,3S)-(+)-             | 140 | C10H20   | 013837-67-7  | 47   |
| 4    |    | Cyclohexane, 1-methyl-4-(1-methyl... | 140 | C10H20   | 006069-98-3  | 47   |
| 5    |    | Oxalic acid, di(cyclohexylmethyl...  | 282 | C16H26O4 | 1000309-68-5 | 47   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

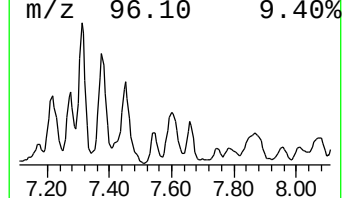
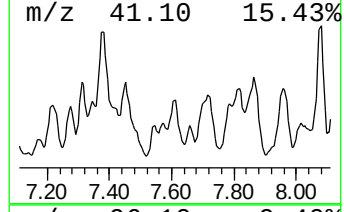
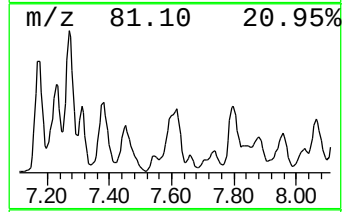
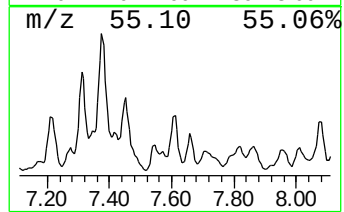
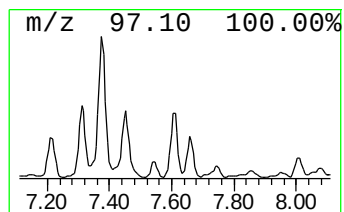
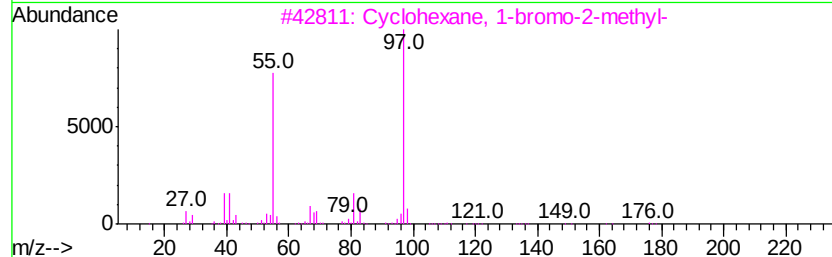
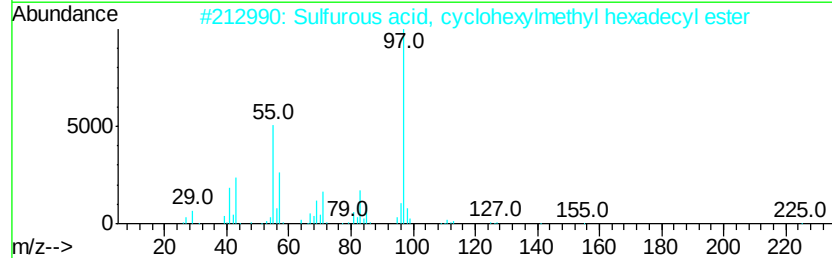
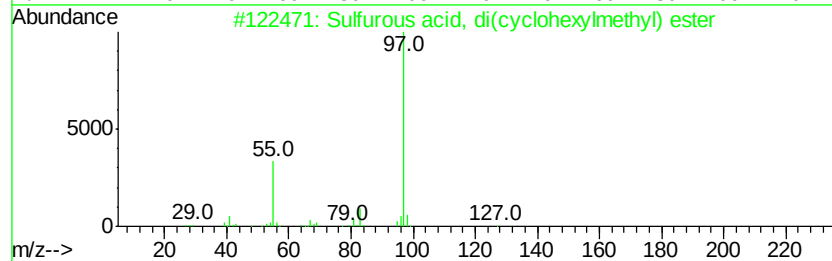
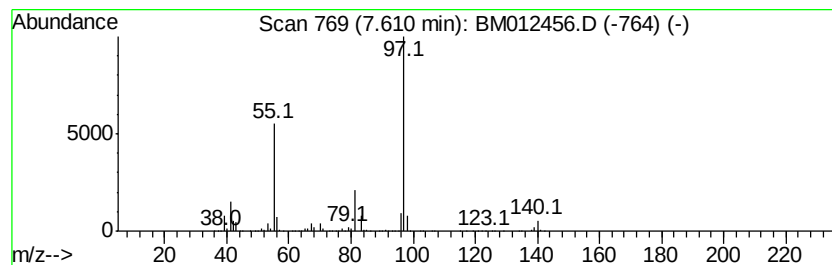
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 27 Sulfurous acid, di(cyclohex... Concentration Rank 17

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 7.61 | 9.57 ng/ul | 5851900 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, di(cvclohexylmet... | 274 | C14H26O3S | 1000309-22-7 | 72   |
| 2    |    |   | Sulfurous acid, cyclohexylmethyl... | 402 | C23H46O3S | 1000309-22-4 | 72   |
| 3    |    |   | Cyclohexane, 1-bromo-2-methyl-      | 176 | C7H13Br   | 006294-39-9  | 72   |
| 4    |    |   | Sulfurous acid, cyclohexylmethyl... | 234 | C11H22O3S | 1000309-21-3 | 72   |
| 5    |    |   | Bicyclo[3.3.1]nonan-1-ol            | 140 | C9H16O    | 015158-56-2  | 59   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

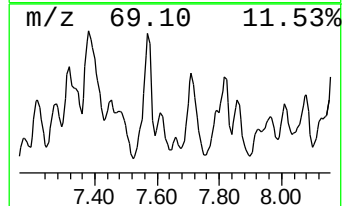
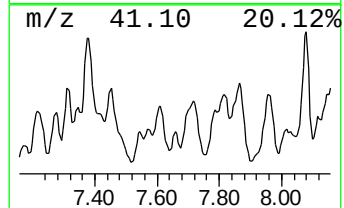
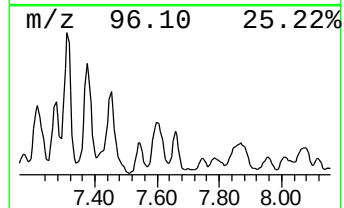
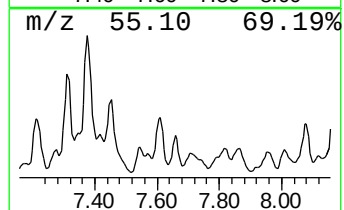
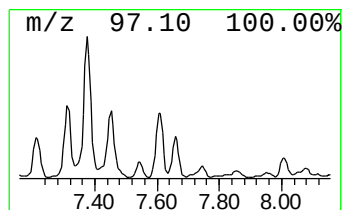
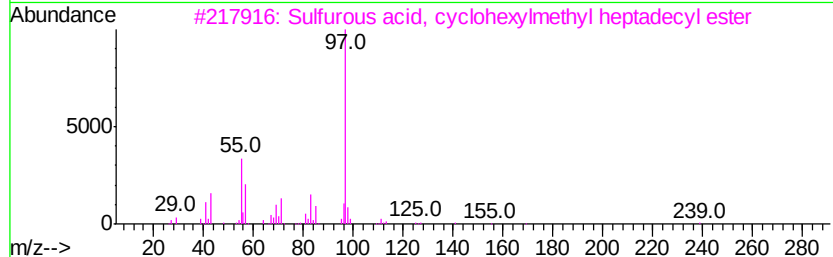
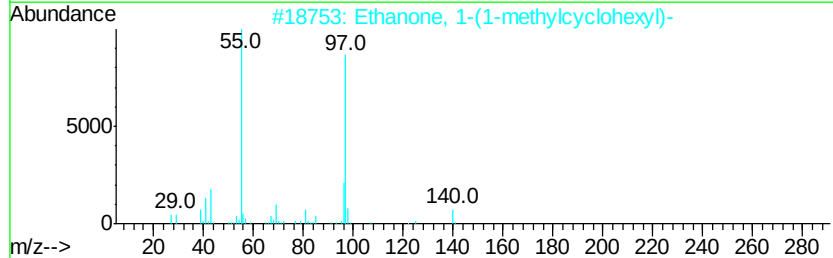
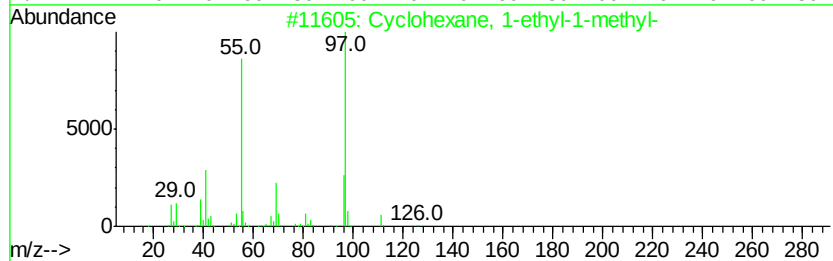
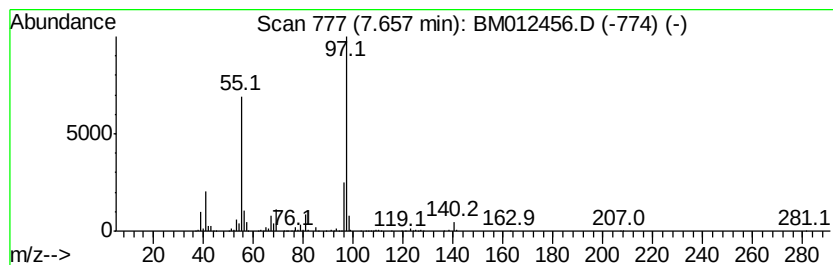
Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 28 (DEL) Alkane: Cyclic7.66 Concentration Rank 57

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.      |              |      |
|---------|------------|-------------------------------------|------------------------|-----------|--------------|------|
| 7.66    | 2.42 ng/ul | 1480320                             | 1,4-Dichlorobenzene-d4 | 7.89      |              |      |
| Hit# of | 5          | Tentative ID                        | MW                     | MolForm   | CAS#         | Qual |
| 1       |            | Cyclohexane, 1-ethyl-1-methyl-      | 126                    | C9H18     | 004926-90-3  | 80   |
| 2       |            | Ethanone, 1-(1-methylcyclohexyl)-   | 140                    | C9H16O    | 002890-62-2  | 78   |
| 3       |            | Sulfurous acid, cyclohexylmethyl... | 416                    | C24H48O3S | 1000309-22-5 | 64   |
| 4       |            | Sulfurous acid, cyclohexylmethyl... | 234                    | C11H22O3S | 1000309-21-3 | 64   |
| 5       |            | Cyclopentane, 1,1'-ethylidenebis-   | 166                    | C12H22    | 004413-21-2  | 64   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

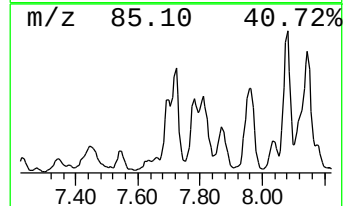
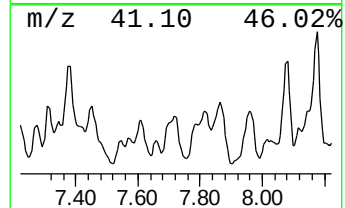
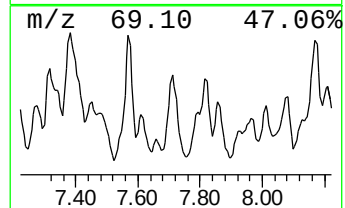
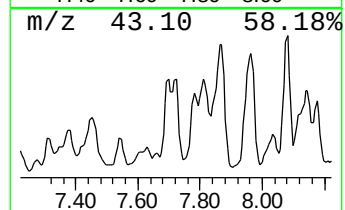
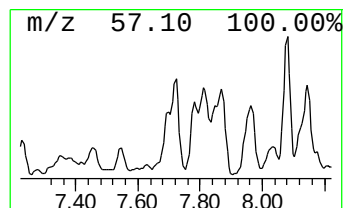
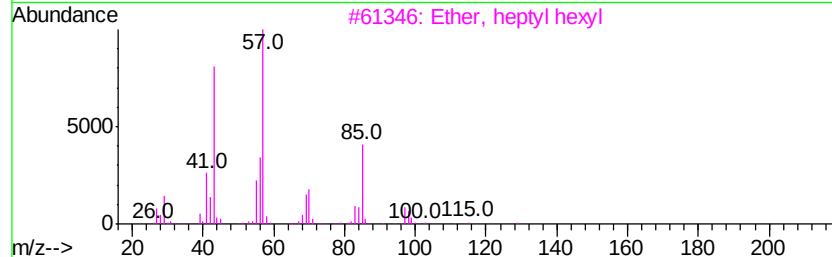
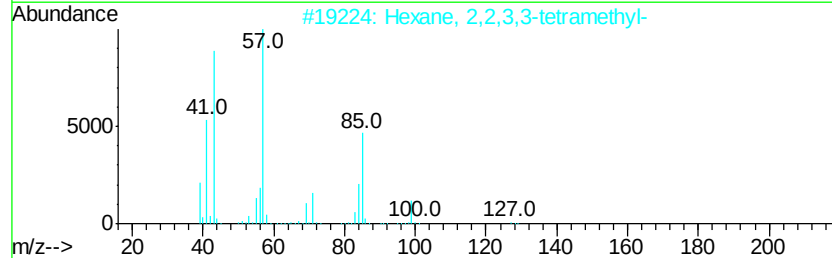
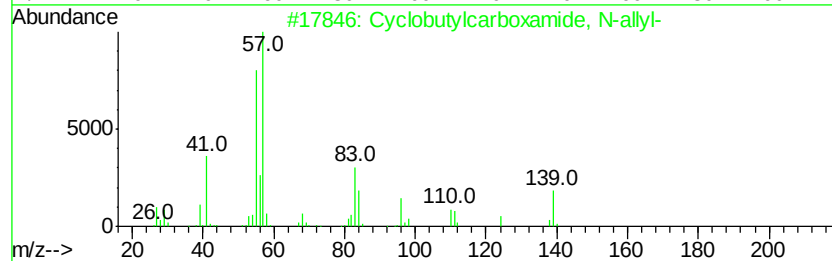
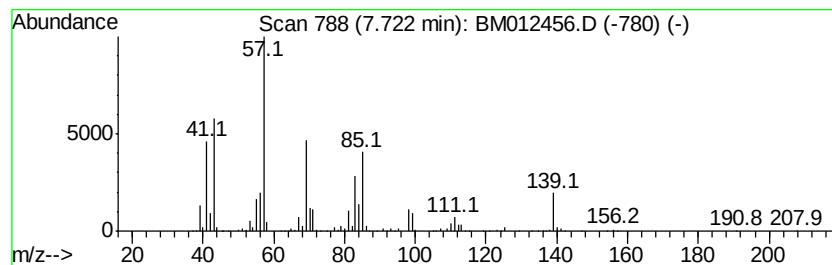
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 29 unknown-04 Concentration Rank 12

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 7.72 | 10.21 ng/ul | 6241040 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Cyclobutylcarboxamide, N-allyl-     | 139 | C8H13NO | 1000340-36-9 | 43   |
| 2    |    | Hexane, 2,2,3,3-tetramethyl-        | 142 | C10H22  | 013475-81-5  | 43   |
| 3    |    | Ether, heptyl hexyl                 | 200 | C13H28O | 007289-40-9  | 38   |
| 4    |    | Heptane, 4-ethyl-                   | 128 | C9H20   | 002216-32-2  | 38   |
| 5    |    | Butanoic acid, 3-oxo-, 1,1-dimet... | 158 | C8H14O3 | 001694-31-1  | 38   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

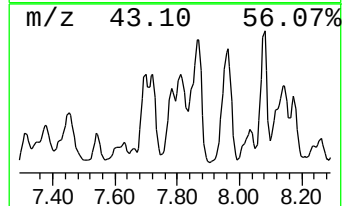
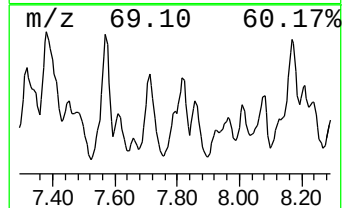
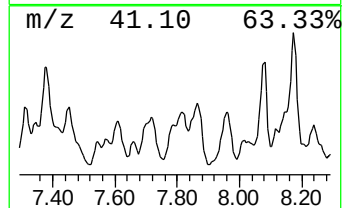
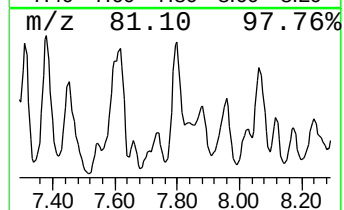
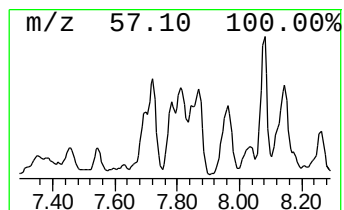
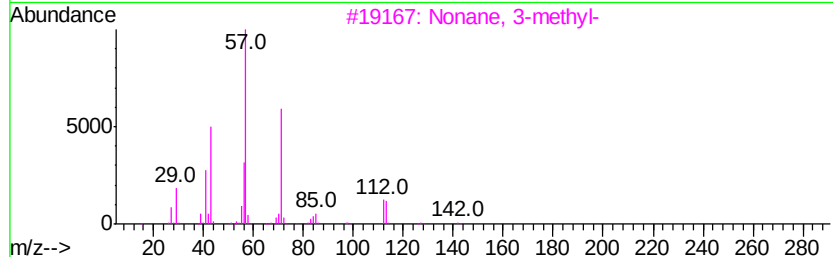
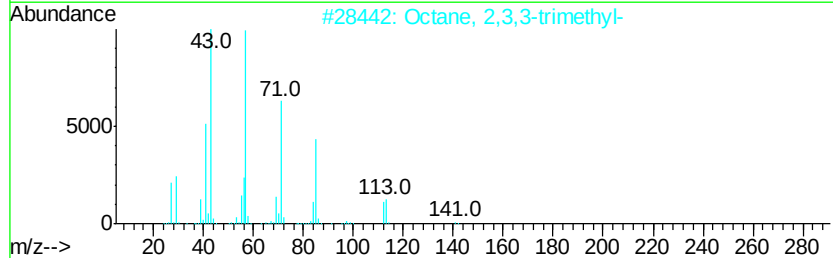
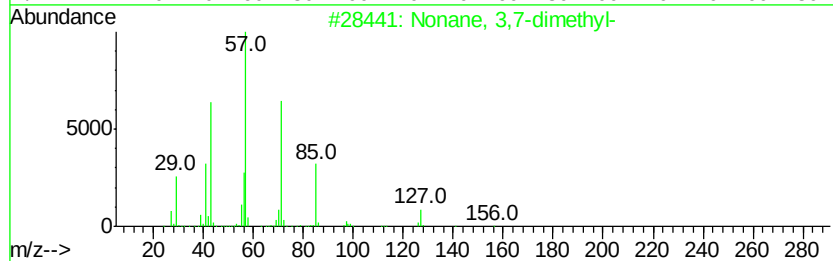
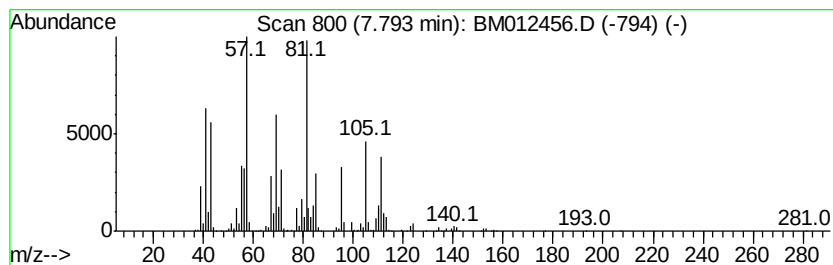
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 7.79 | 5.51 ng/ul | 3372240 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 3,7-dimethyl-    | 156 | C11H24  | 017302-32-8 | 49   |
| 2    |    |   | Octane, 2,3,3-trimethyl- | 156 | C11H24  | 062016-30-2 | 47   |
| 3    |    |   | Nonane, 3-methyl-        | 142 | C10H22  | 005911-04-6 | 47   |
| 4    |    |   | 3-Ethyl-3-methylheptane  | 142 | C10H22  | 017302-01-1 | 43   |
| 5    |    |   | Nonane, 3-methyl-        | 142 | C10H22  | 005911-04-6 | 43   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

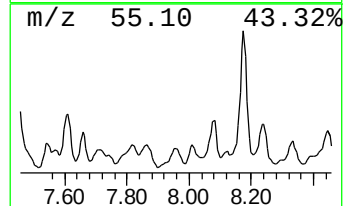
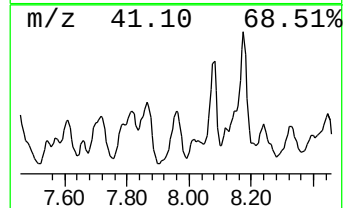
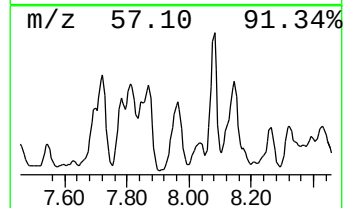
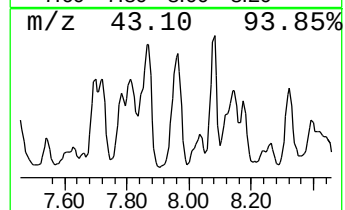
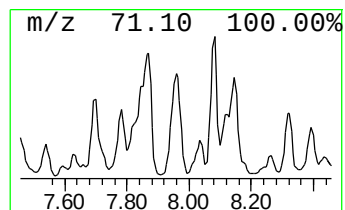
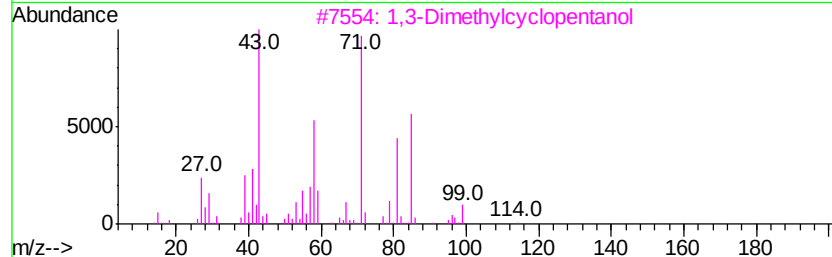
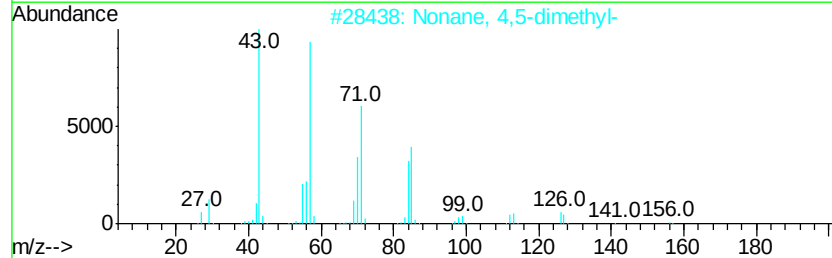
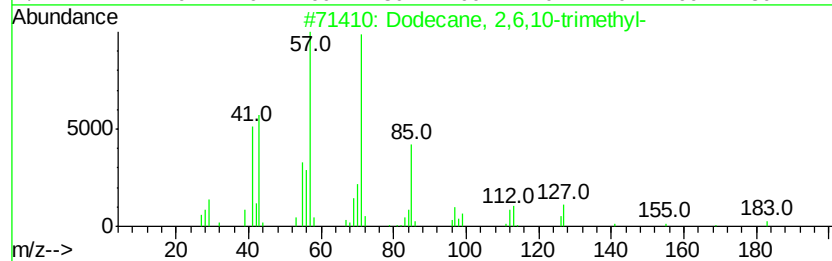
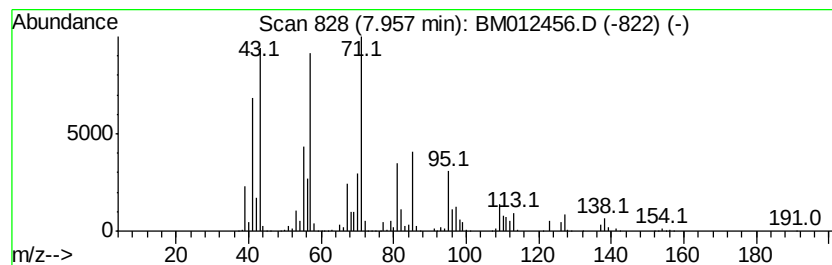
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 7.96 | 10.81 ng/ul | 6612920 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 58   |
| 2    |    |   | Nonane, 4,5-dimethyl-       | 156 | C11H24  | 017302-23-7 | 50   |
| 3    |    |   | 1,3-Dimethylcyclopentanol   | 114 | C7H14O  | 019550-46-0 | 46   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 43   |
| 5    |    |   | Octane, 2,6-dimethyl-       | 142 | C10H22  | 002051-30-1 | 43   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

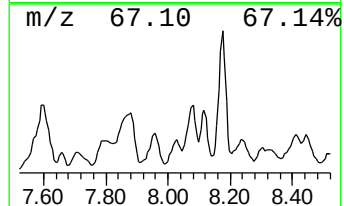
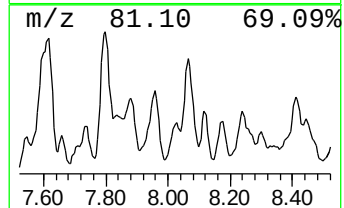
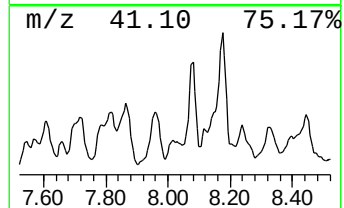
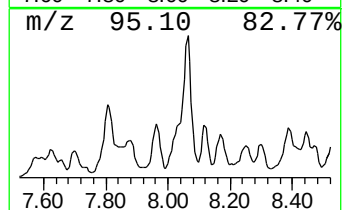
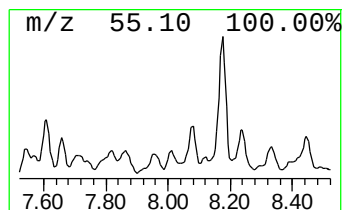
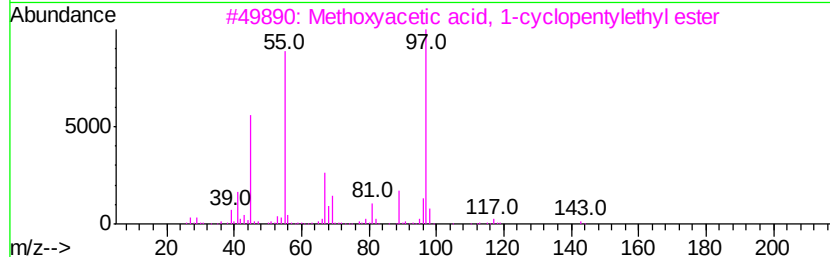
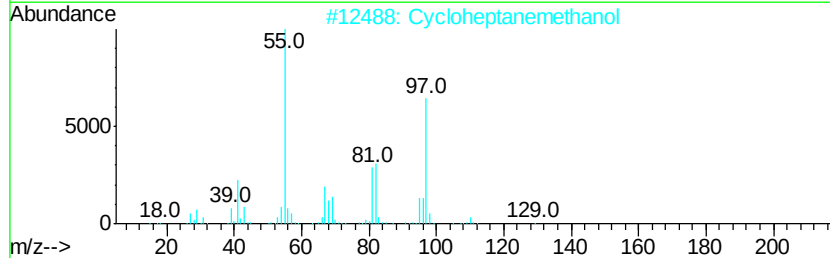
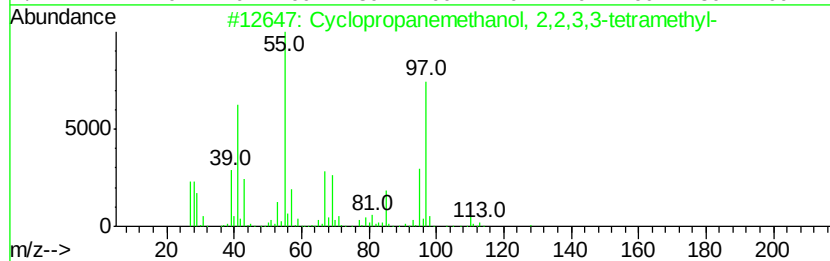
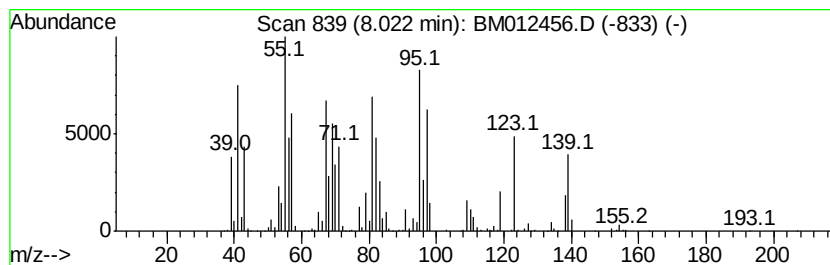
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 32 unknown-05 Concentration Rank 26

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.02 | 7.29 ng/ul | 4459820 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclopropanemethanol, 2,2,3,3-te... | 128 | C8H16O   | 002415-96-5  | 43   |
| 2    |    |   | Cycloheptanemethanol                | 128 | C8H16O   | 004448-75-3  | 43   |
| 3    |    |   | Methoxvacetic acid, 1-cvclopentv... | 186 | C10H18O3 | 1000282-69-5 | 35   |
| 4    |    |   | Cyclohexane, 1-methyl-2-propyl-     | 140 | C10H20   | 004291-79-6  | 30   |
| 5    |    |   | 7-Oxabicyclo[4.1.0]heptane, 3-me... | 112 | C7H12O   | 036099-51-1  | 30   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

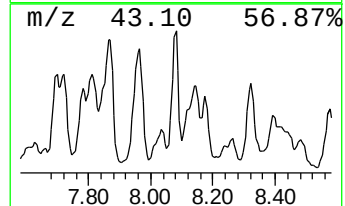
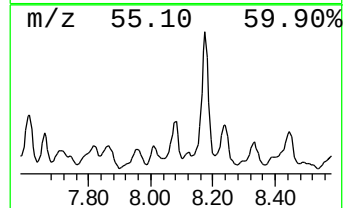
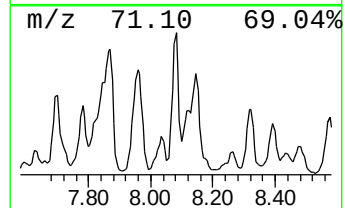
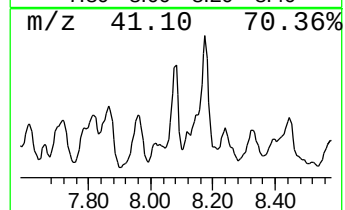
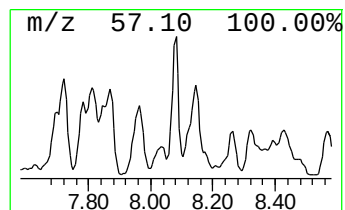
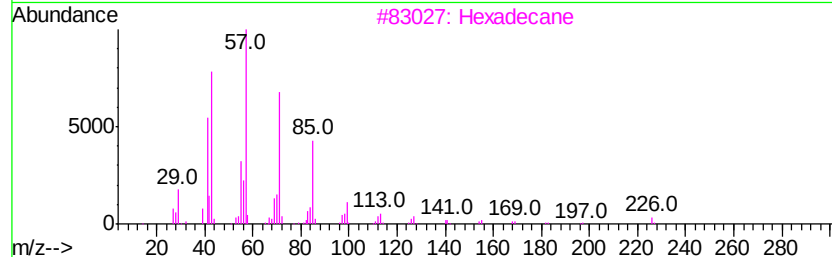
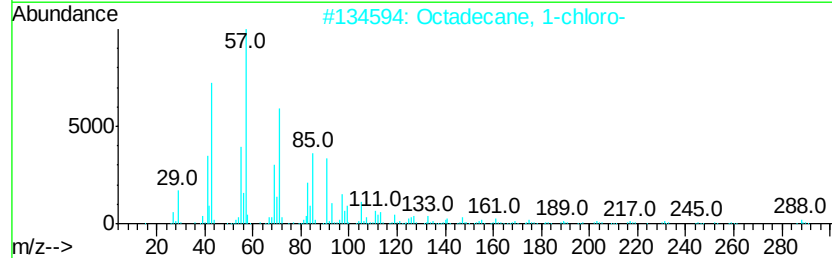
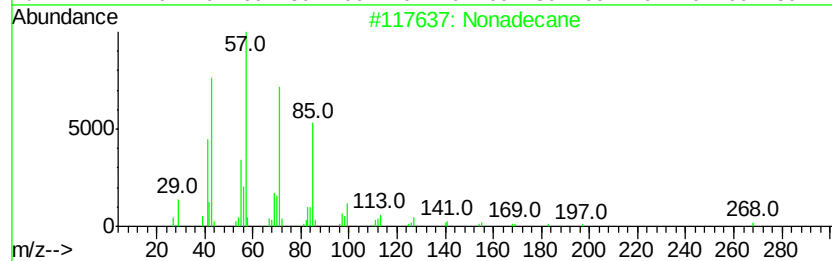
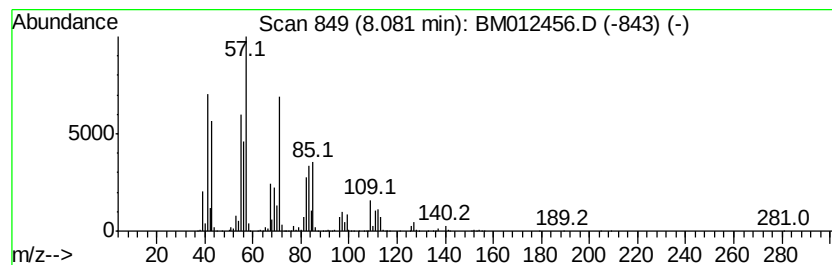
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc     | Area     | Relative to ISTD       | R.T. |
|------|-------------|----------|------------------------|------|
| 8.08 | 17.54 ng/ul | 10728200 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | Nonadecane             | 268 | C19H40   | 000629-92-5 | 43   |
| 2    |    | Octadecane, 1-chloro-  | 288 | C18H37Cl | 003386-33-2 | 43   |
| 3    |    | Hexadecane             | 226 | C16H34   | 000544-76-3 | 38   |
| 4    |    | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 38   |
| 5    |    | Decane, 3-methyl-      | 156 | C11H24   | 013151-34-3 | 35   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

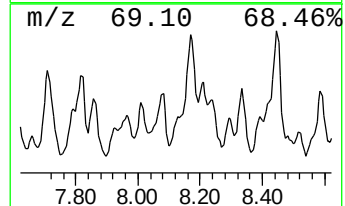
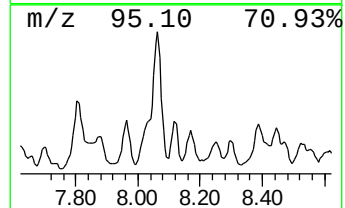
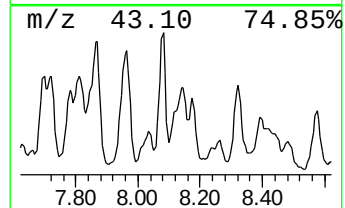
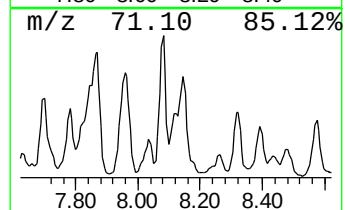
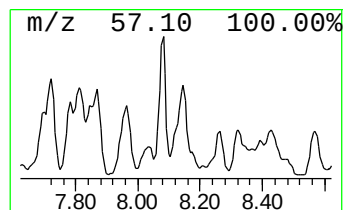
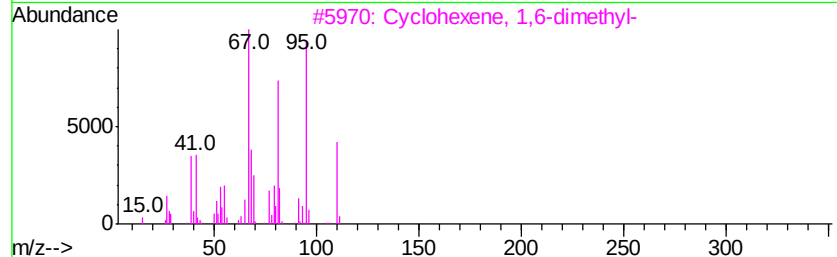
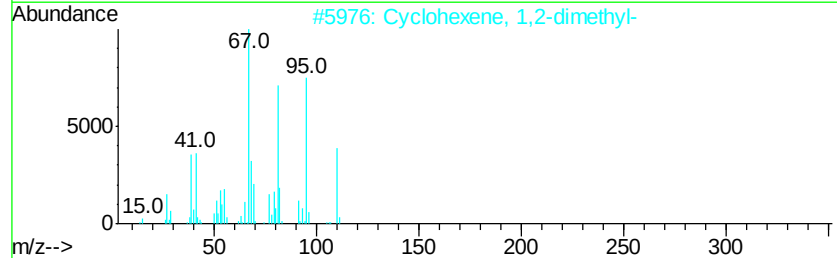
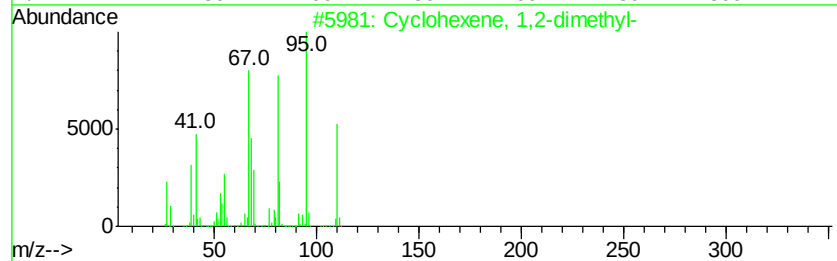
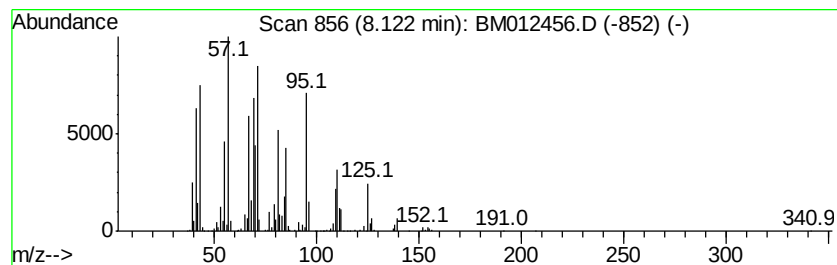
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 34 unknown-06 Concentration Rank 30

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.12 | 6.77 ng/ul | 4140460 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexene, 1,2-dimethyl-      | 110 | C8H14   | 001674-10-8 | 46   |
| 2    |    | Cyclohexene, 1,2-dimethyl-      | 110 | C8H14   | 001674-10-8 | 46   |
| 3    |    | Cyclohexene, 1,6-dimethyl-      | 110 | C8H14   | 001759-64-4 | 46   |
| 4    |    | Furan, 2,3,5-trimethyl-         | 110 | C7H10O  | 010504-04-8 | 43   |
| 5    |    | 1-Methyl-2-methylenecyclohexane | 110 | C8H14   | 002808-75-5 | 38   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

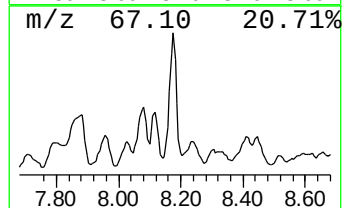
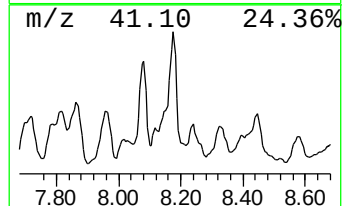
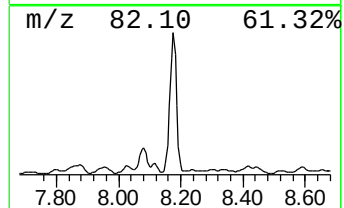
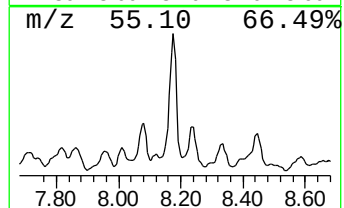
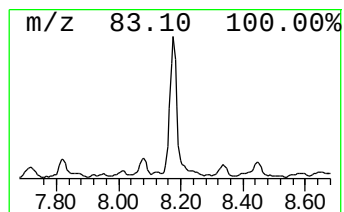
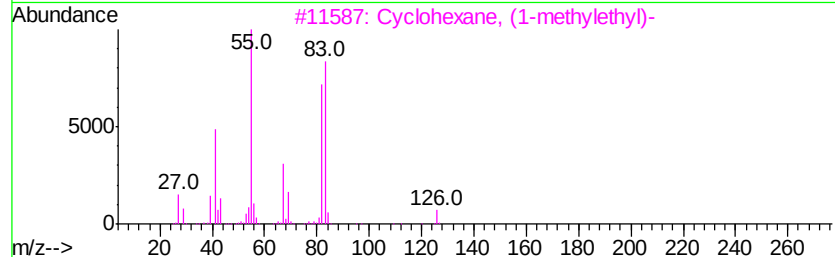
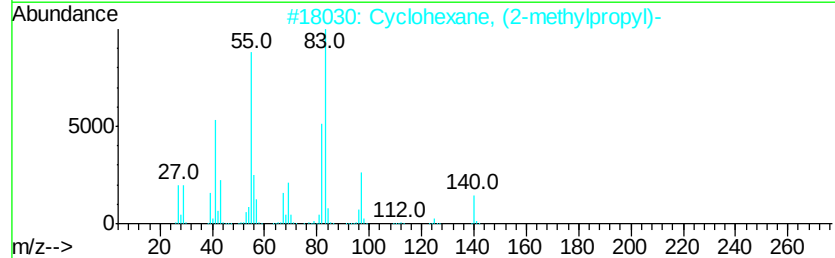
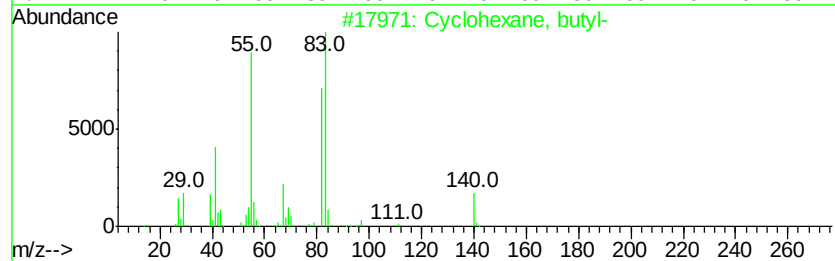
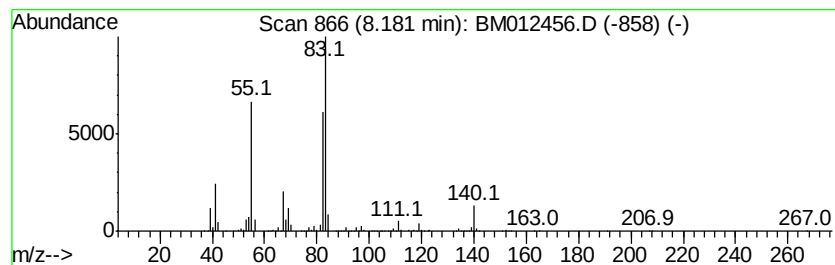
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 35 (DEL) Alkane: Cyclic8.18 Concentration Rank 1

| R.T. | EstConc     | Area     | Relative to ISTD       | R.T. |
|------|-------------|----------|------------------------|------|
| 8.18 | 32.19 ng/ul | 19684100 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 91   |
| 2    |    | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 80   |
| 3    |    | Cyclohexane, (1-methylethyl)-  | 126 | C9H18   | 000696-29-7 | 78   |
| 4    |    | Cyclohexane, (1-methylethyl)-  | 126 | C9H18   | 000696-29-7 | 78   |
| 5    |    | Cyclohexane, 2-propenyl-       | 124 | C9H16   | 002114-42-3 | 64   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

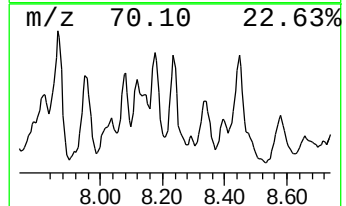
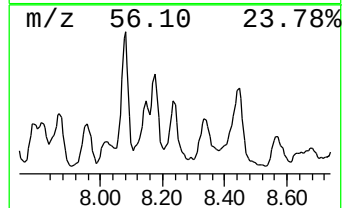
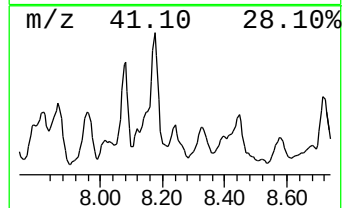
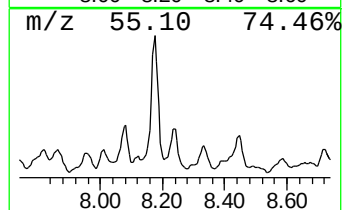
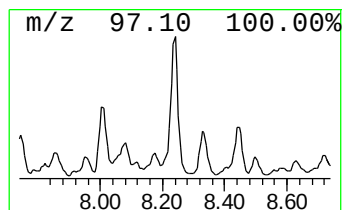
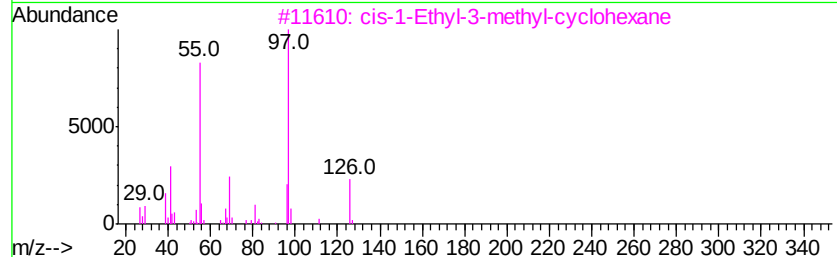
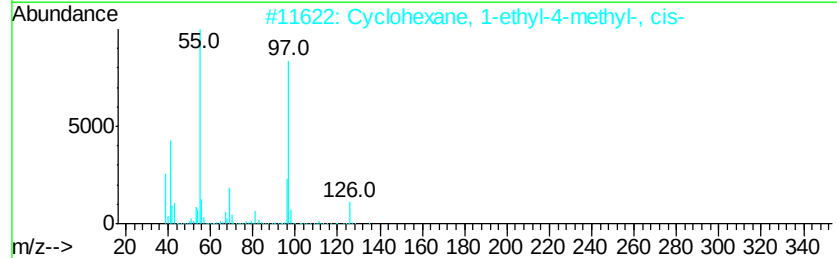
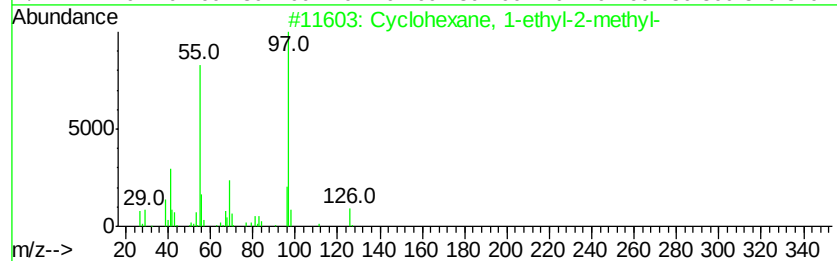
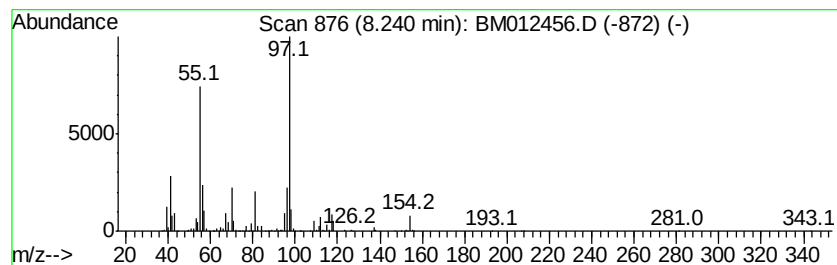
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 36 (DEL) Alkane: Cyclic8.24 Concentration Rank 13

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.24 | 9.99 ng/ul | 6111980 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1-ethyl-2-methyl-      | 126 | C9H18   | 003728-54-9 | 59   |
| 2    |    | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 53   |
| 3    |    | cis-1-Ethyl-3-methyl-cyclohexane    | 126 | C9H18   | 019489-10-2 | 53   |
| 4    |    | 1-Ethyl-3-methylcyclohexane (c,t)   | 126 | C9H18   | 003728-55-0 | 53   |
| 5    |    | Cyclohexane, 1,1-dimethyl-          | 112 | C8H16   | 000590-66-9 | 50   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

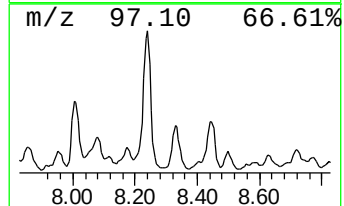
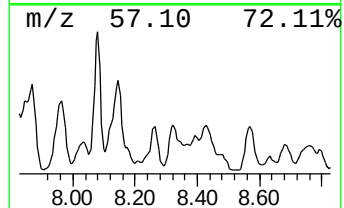
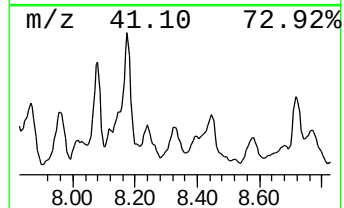
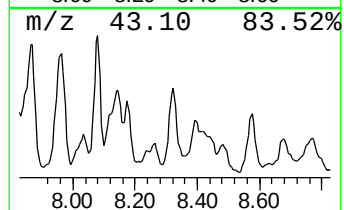
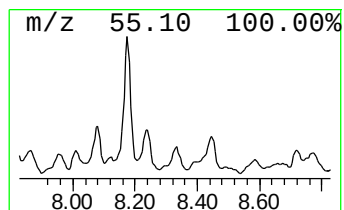
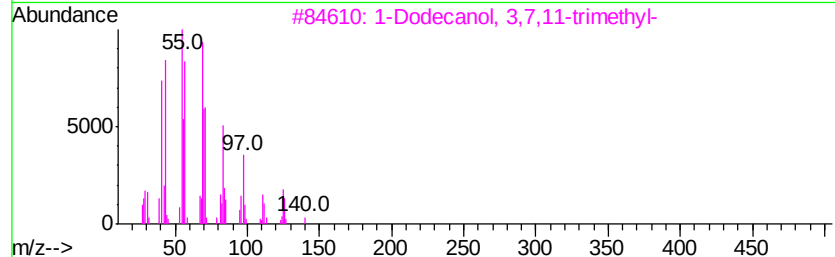
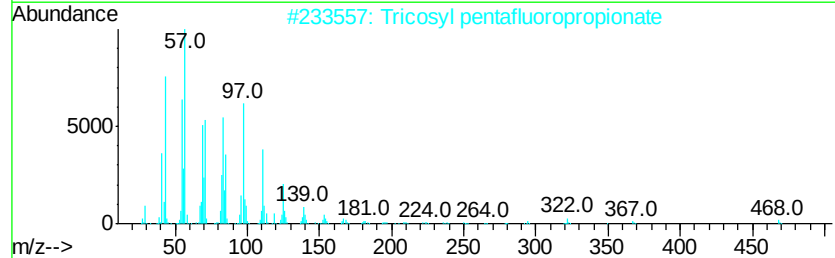
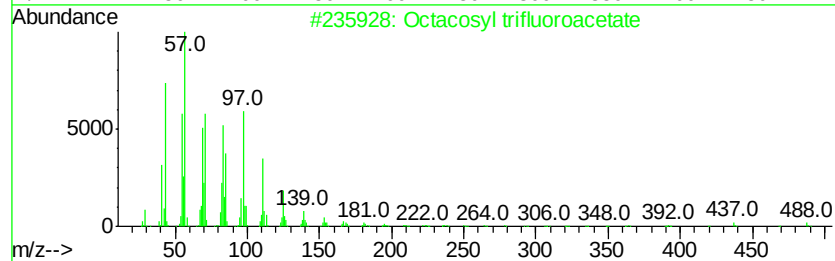
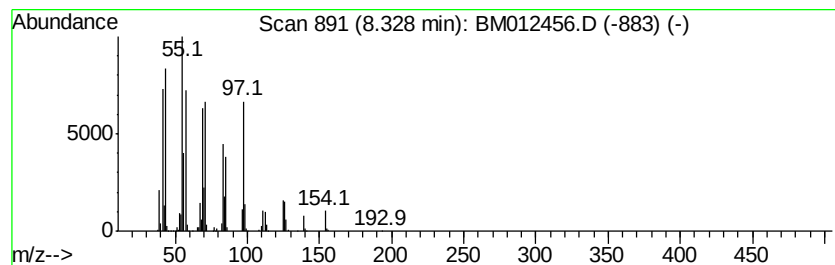
Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 37 Octacosyl trifluoroacetate Concentration Rank 23

| R.T.    | EstConc    | Area                               | Relative to ISTD       | R.T.       |              |      |
|---------|------------|------------------------------------|------------------------|------------|--------------|------|
| 8.33    | 8.25 ng/ul | 5044470                            | 1,4-Dichlorobenzene-d4 | 7.89       |              |      |
| Hit# of | 5          | Tentative ID                       | MW                     | MolForm    | CAS#         | Qual |
| 1       |            | Octacosyl trifluoroacetate         | 506                    | C30H57F3O2 | 1000351-74-9 | 72   |
| 2       |            | Tricosyl pentafluoropropionate     | 486                    | C26H47F5O2 | 1000351-81-0 | 72   |
| 3       |            | 1-Dodecanol, 3,7,11-trimethyl-     | 228                    | C15H32O    | 006750-34-1  | 62   |
| 4       |            | 4-Decene, 6-methyl-, (E)-          | 154                    | C11H22     | 036229-57-9  | 30   |
| 5       |            | Cyclopropane, 1,1,2,3-tetramethyl- | 98                     | C7H14      | 074752-93-5  | 30   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

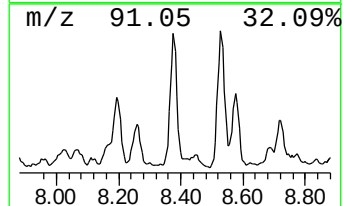
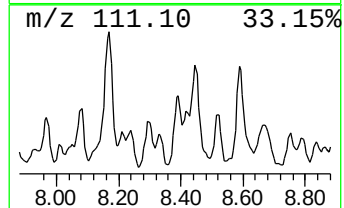
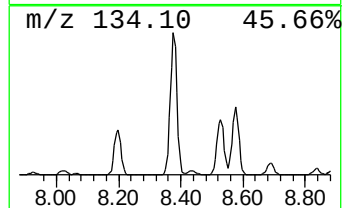
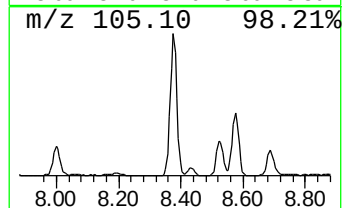
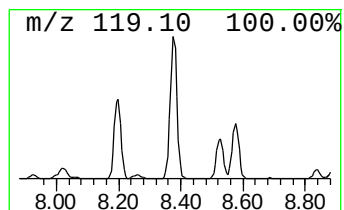
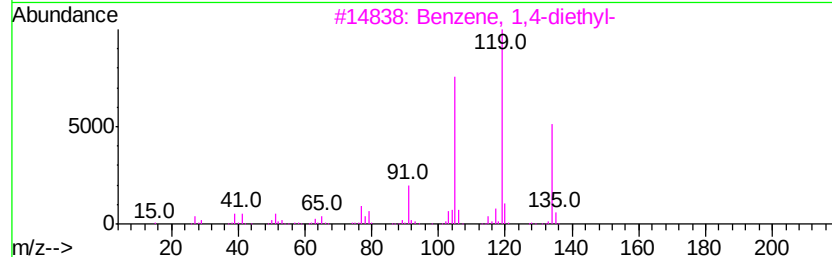
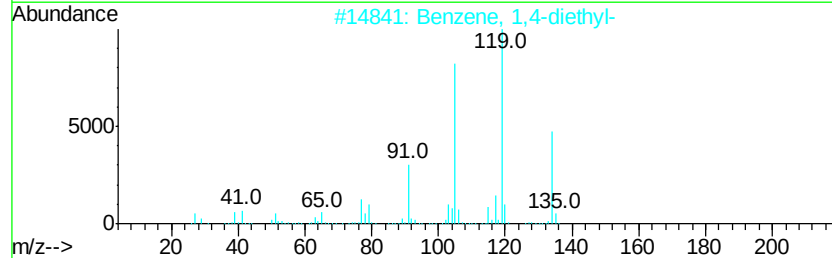
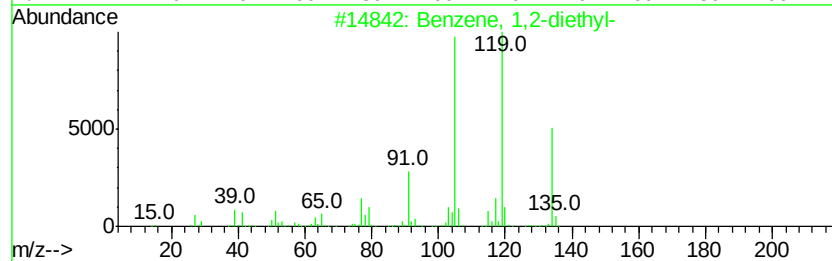
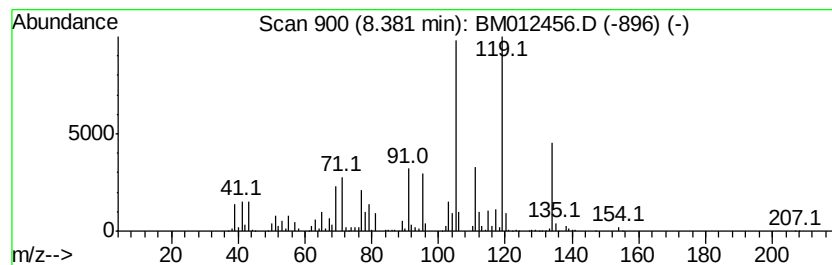
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 38 Benzene, 1,2-diethyl- Concentration Rank 22

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.38 | 8.35 ng/ul | 5108280 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2-diethyl- | 134 | C10H14  | 000135-01-3 | 96   |
| 2    |    | Benzene, 1,4-diethyl- | 134 | C10H14  | 000105-05-5 | 94   |
| 3    |    | Benzene, 1,4-diethyl- | 134 | C10H14  | 000105-05-5 | 76   |
| 4    |    | Benzene, 1,3-diethyl- | 134 | C10H14  | 000141-93-5 | 76   |
| 5    |    | Benzene, 1,3-diethyl- | 134 | C10H14  | 000141-93-5 | 76   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

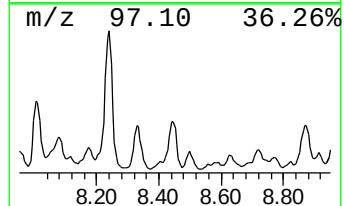
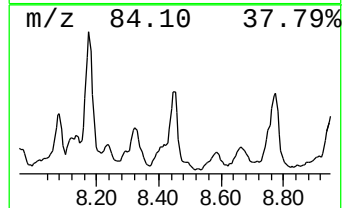
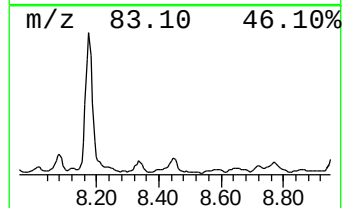
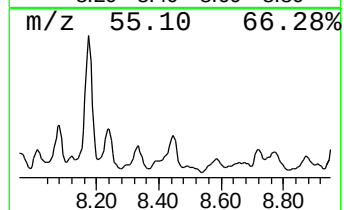
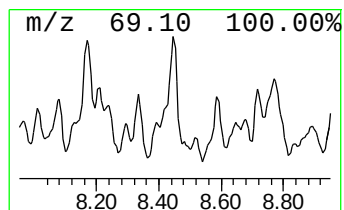
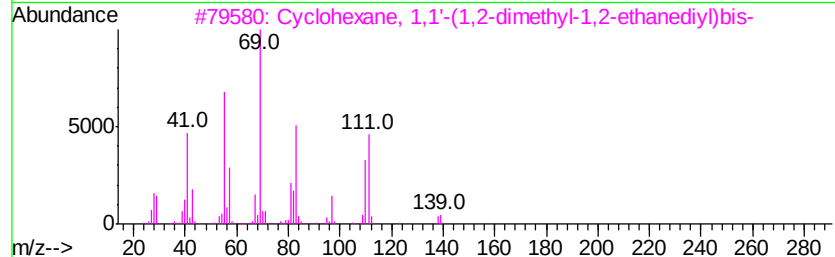
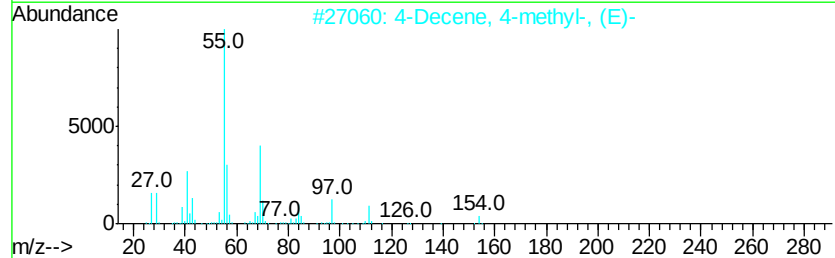
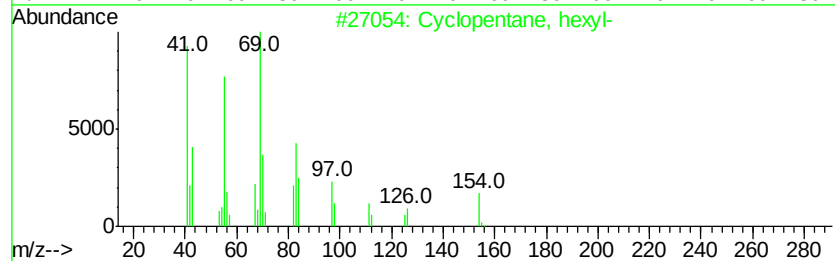
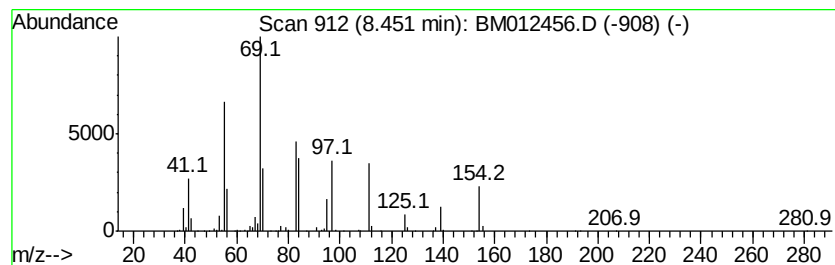
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 39 (DEL) Alkane: Cyclic8.45 Concentration Rank 18

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.45 | 9.43 ng/ul | 5768430 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclopentane, hexyl-                | 154 | C11H22  | 004457-00-5 | 64   |
| 2    |    | 4-Decene, 4-methyl-, (E)-           | 154 | C11H22  | 060366-66-7 | 58   |
| 3    |    | Cyclohexane, 1,1'-(1,2-dimethyl-... | 222 | C16H30  | 074663-71-1 | 47   |
| 4    |    | 4-Butyl-cyclohexanone               | 154 | C10H18O | 061203-82-5 | 43   |
| 5    |    | Cyclohexane, 1,1,2-trimethyl-       | 126 | C9H18   | 007094-26-0 | 43   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

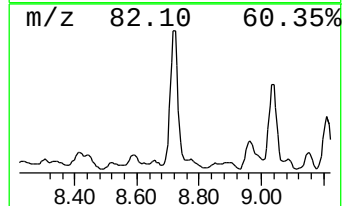
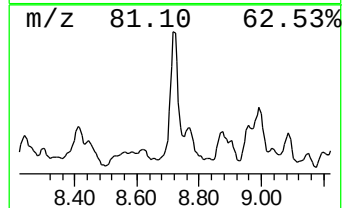
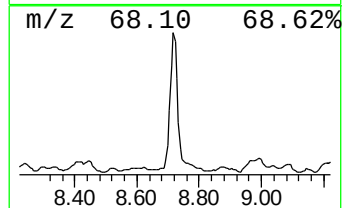
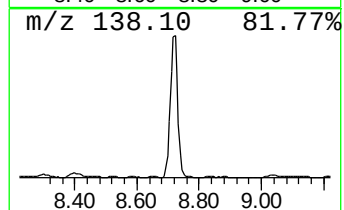
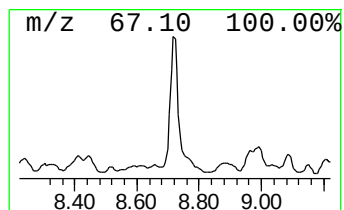
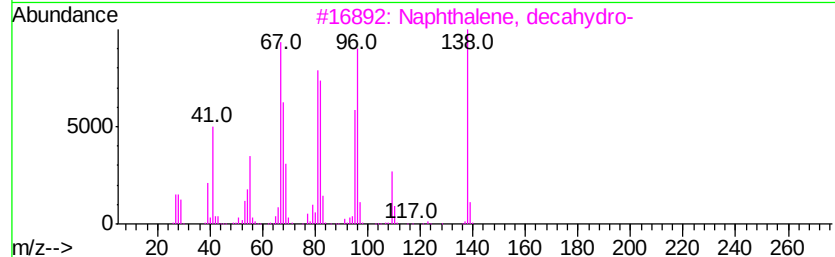
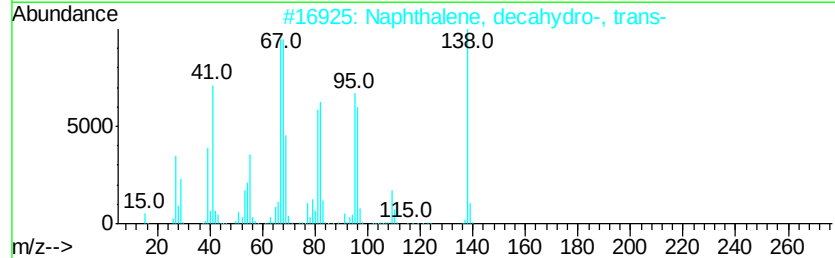
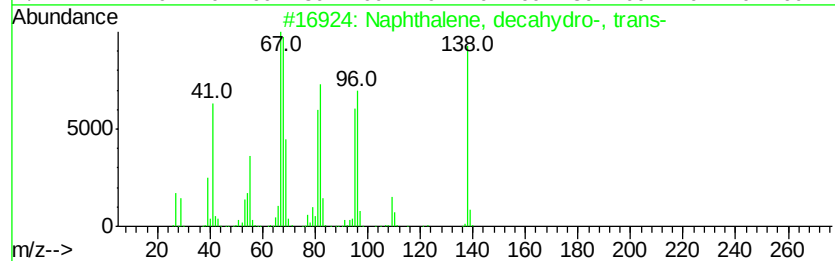
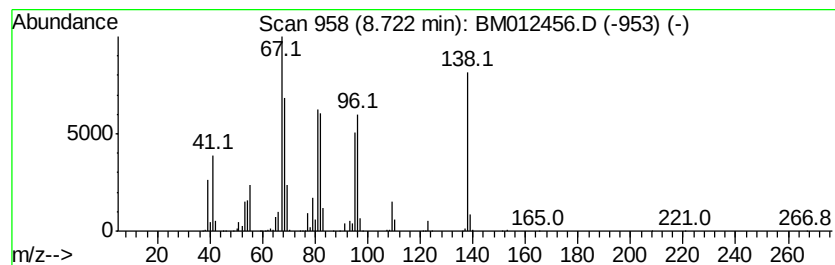
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 40 Naphthalene, decahydro-, tr... Concentration Rank 6

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 8.72 | 14.14 ng/ul | 8648740 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, decahydro-, trans- | 138 | C10H18  | 000493-02-7 | 98   |
| 2    |    | Naphthalene, decahydro-, trans- | 138 | C10H18  | 000493-02-7 | 97   |
| 3    |    | Naphthalene, decahydro-         | 138 | C10H18  | 000091-17-8 | 96   |
| 4    |    | Naphthalene, decahydro-         | 138 | C10H18  | 000091-17-8 | 93   |
| 5    |    | Naphthalene, decahydro-         | 138 | C10H18  | 000091-17-8 | 87   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

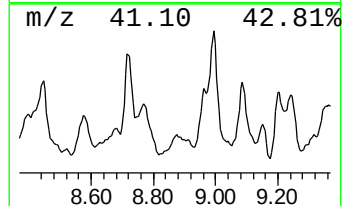
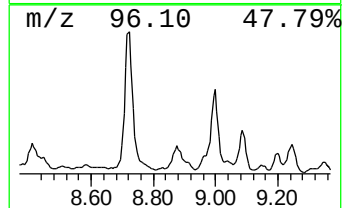
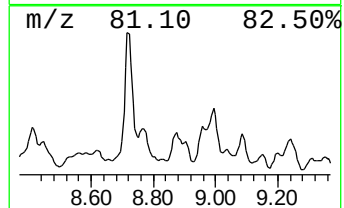
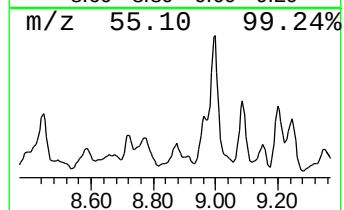
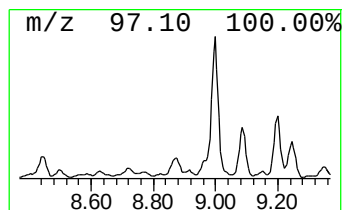
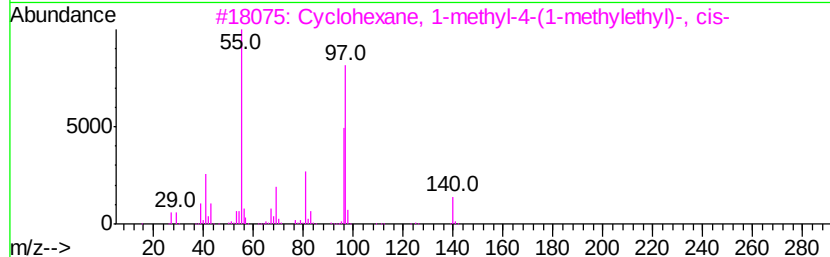
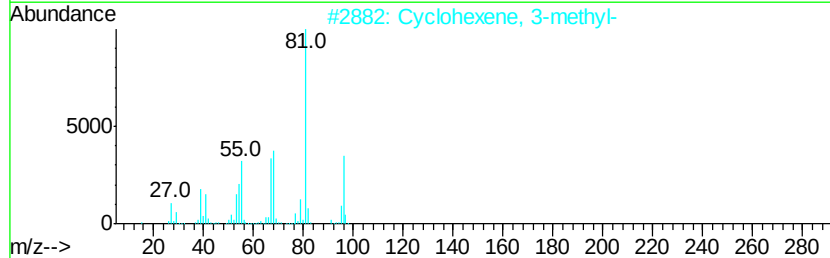
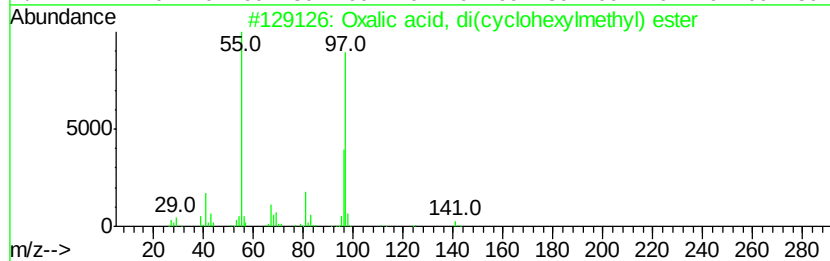
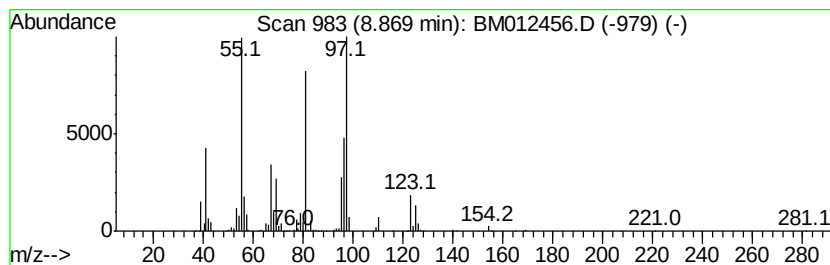
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 41 unknown-07 Concentration Rank 45

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 8.87 | 3.98 ng/ul | 2435520 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxalic acid, di(cyclohexylmethyl)... | 282 | C16H26O4 | 1000309-68-5 | 43   |
| 2    |    |   | Cyclohexene, 3-methyl-               | 96  | C7H12    | 000591-48-0  | 43   |
| 3    |    |   | Cyclohexane, 1-methyl-4-(1-methyl... | 140 | C10H20   | 006069-98-3  | 38   |
| 4    |    |   | Cyclohexane, 1-isopropyl-1-methyl-   | 140 | C10H20   | 016580-26-0  | 38   |
| 5    |    |   | Cyclohexene, 4-methyl-               | 96  | C7H12    | 000591-47-9  | 38   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

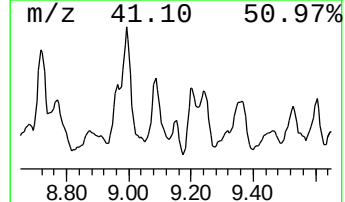
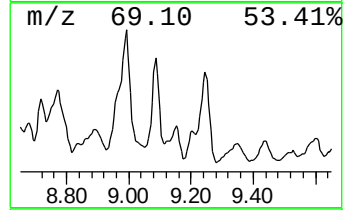
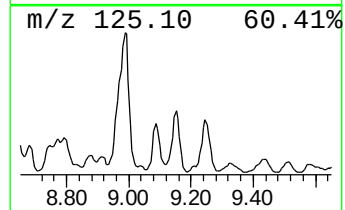
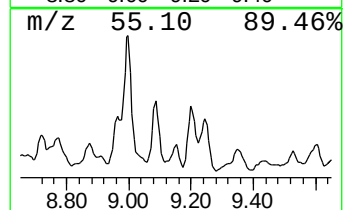
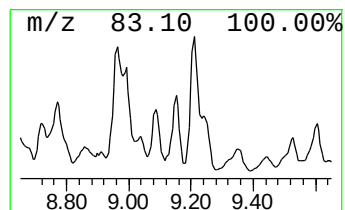
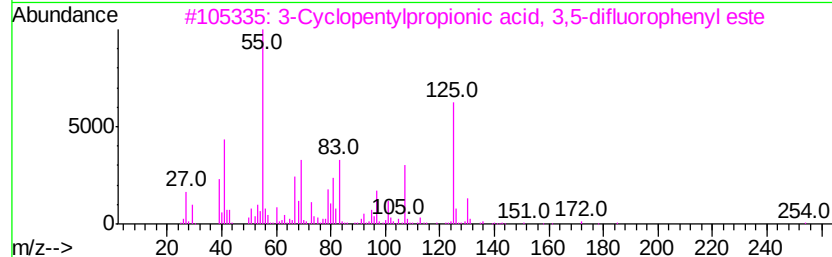
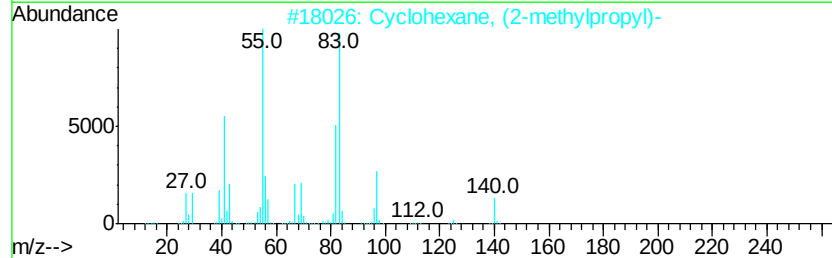
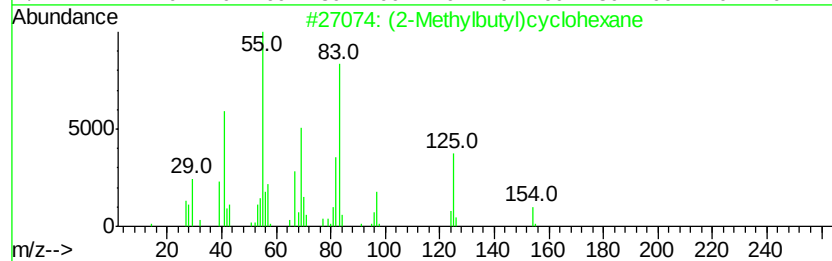
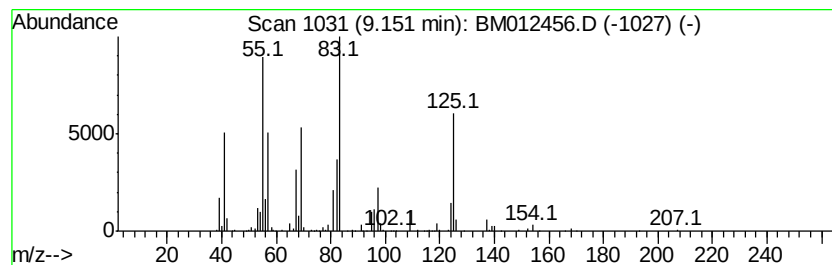
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 42 (DEL) Alkane: Cyclic9.15 Concentration Rank 41

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 9.15 | 4.49 ng/ul | 2744750 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | (2-Methylbutyl)cyclohexane          | 154 | C11H22     | 054105-77-0  | 64   |
| 2    |    | Cyclohexane, (2-methylpropyl)-      | 140 | C10H20     | 001678-98-4  | 50   |
| 3    |    | 3-Cyclopentylpropionic acid, 3,5... | 254 | C14H16F2O2 | 1000293-58-5 | 50   |
| 4    |    | Cyclohexane, (2-methylpropyl)-      | 140 | C10H20     | 001678-98-4  | 47   |
| 5    |    | Cyclohexane, 2,4-diethyl-1-methyl-  | 154 | C11H22     | 061142-70-9  | 46   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

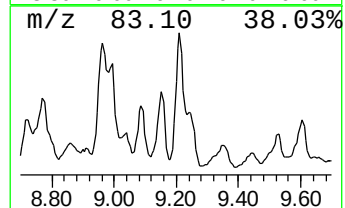
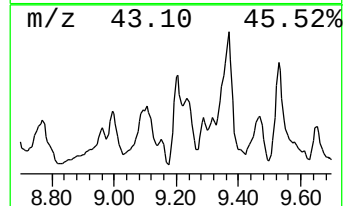
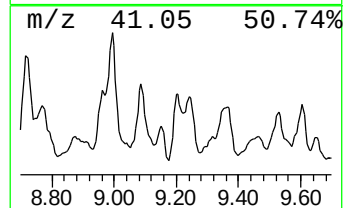
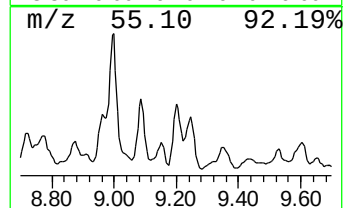
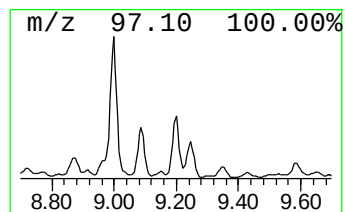
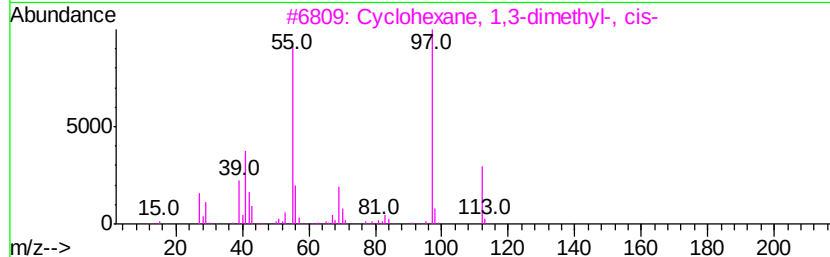
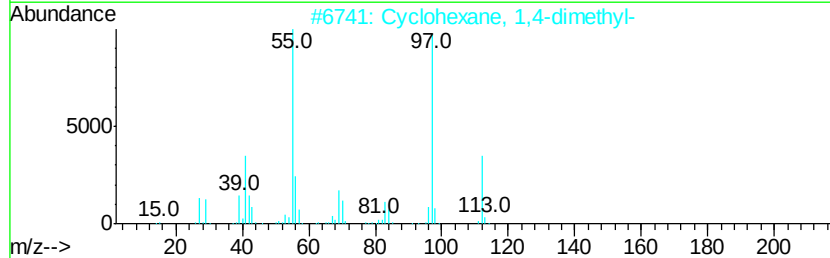
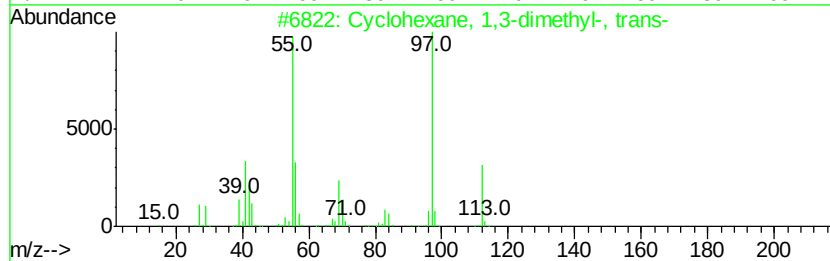
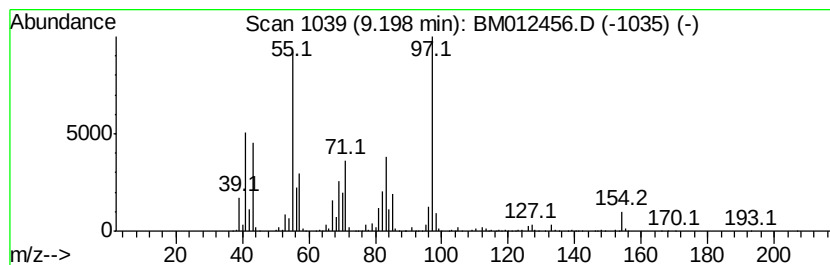
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 43 (DEL) Alkane: Cyclic9.20 Concentration Rank 14

| R.T. | EstConc    | Area    | Relative to ISTD       | R.T. |
|------|------------|---------|------------------------|------|
| 9.20 | 9.84 ng/ul | 6018160 | 1,4-Dichlorobenzene-d4 | 7.89 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16   | 002207-03-6 | 27   |
| 2    |    |   | Cyclohexane, 1,4-dimethyl-         | 112 | C8H16   | 000589-90-2 | 27   |
| 3    |    |   | Cyclohexane, 1,3-dimethyl-, cis-   | 112 | C8H16   | 000638-04-0 | 22   |
| 4    |    |   | 1-Heptanol, 2-propyl-              | 158 | C10H22O | 010042-59-8 | 22   |
| 5    |    |   | Cyclohexane, (bromomethyl)-        | 176 | C7H13Br | 002550-36-9 | 22   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

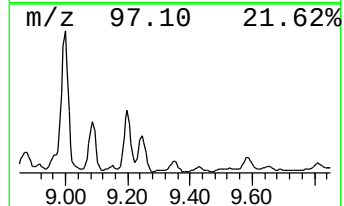
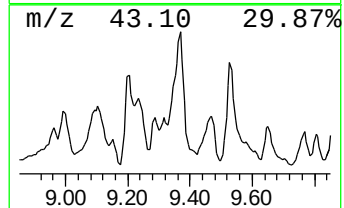
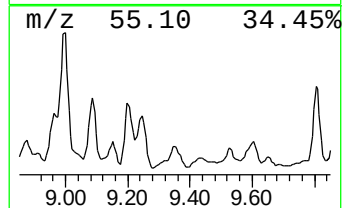
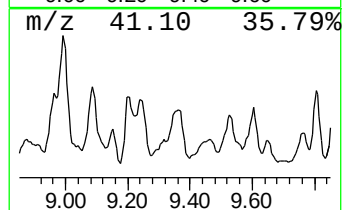
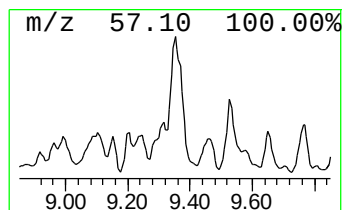
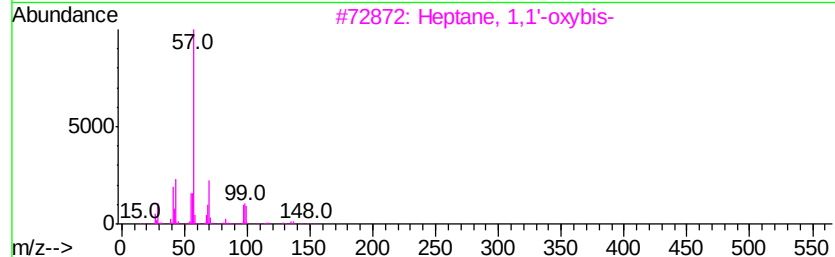
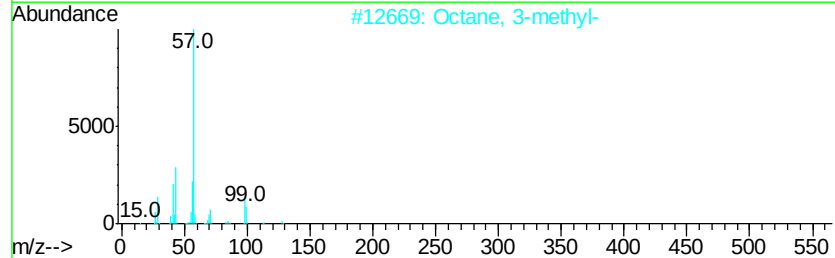
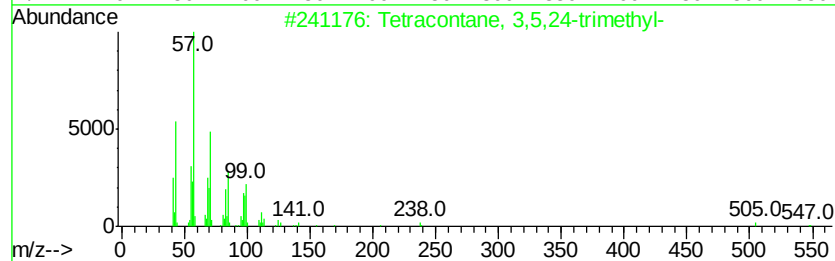
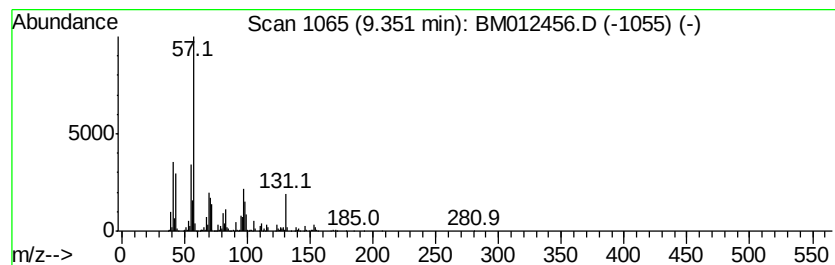
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc    | Area    | Relative to ISTD | R.T.  |
|------|------------|---------|------------------|-------|
| 9.35 | 8.87 ng/ul | 4240320 | Napthalene-d8    | 10.67 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Tetracontane, 3,5,24-trimethyl- | 605 | C43H88  | 055162-61-3 | 32   |
| 2    |    | Octane, 3-methyl-               | 128 | C9H20   | 002216-33-3 | 25   |
| 3    |    | Heptane, 1,1'-oxybis-           | 214 | C14H30O | 000629-64-1 | 16   |
| 4    |    | 3-Undecene, 6-methyl-, (E)-     | 168 | C12H24  | 074630-52-7 | 16   |
| 5    |    | Undecane, 6-methyl-             | 170 | C12H26  | 017302-33-9 | 14   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

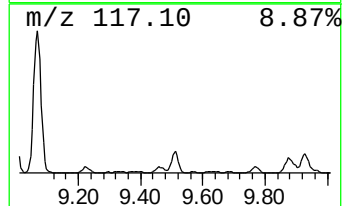
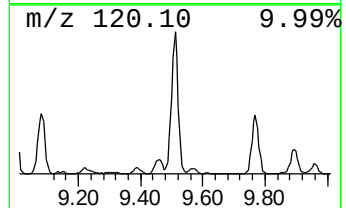
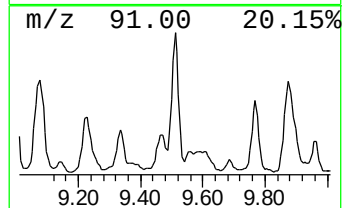
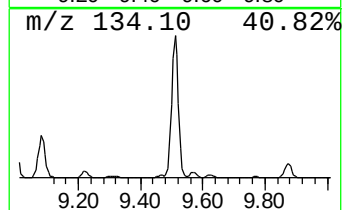
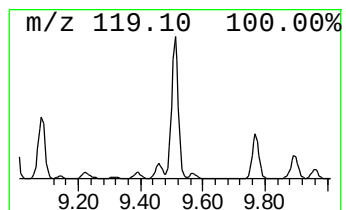
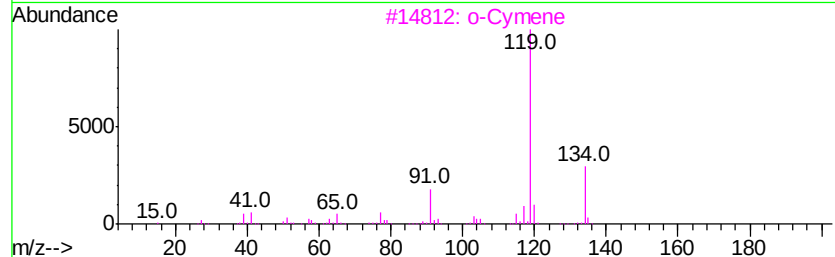
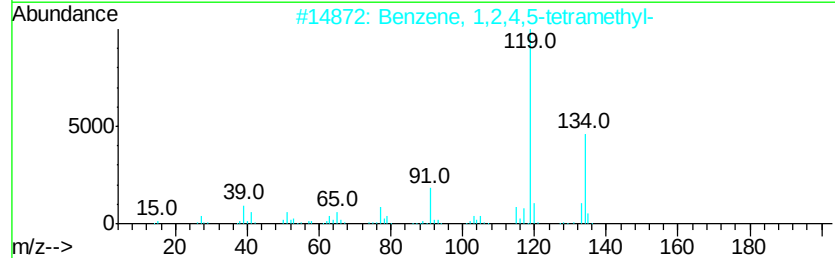
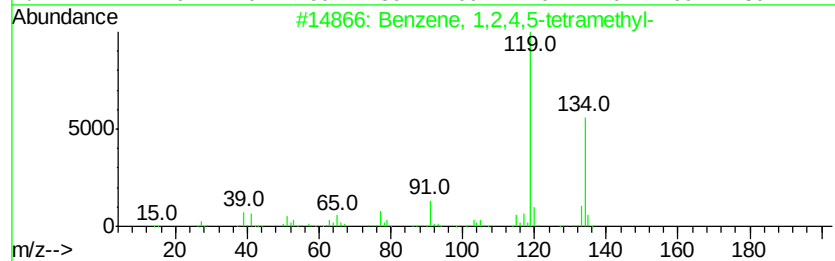
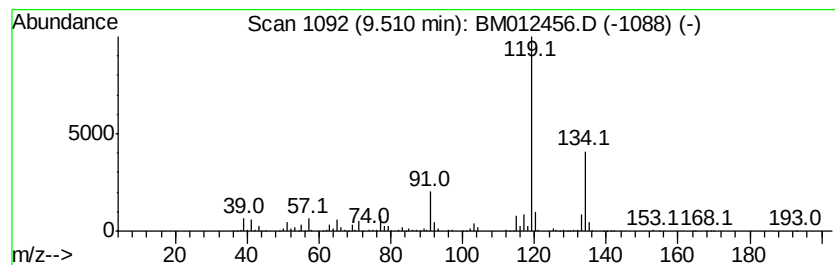
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 45 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

| R.T. | EstConc     | Area    | Relative to ISTD | R.T.  |
|------|-------------|---------|------------------|-------|
| 9.51 | 11.10 ng/ul | 5307140 | Napthalene-d8    | 10.67 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 94   |
| 2    |    | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 94   |
| 3    |    | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 93   |
| 4    |    | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 91   |
| 5    |    | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 91   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

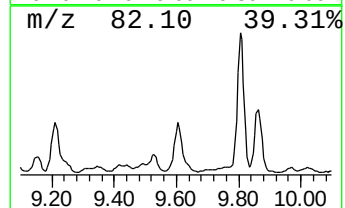
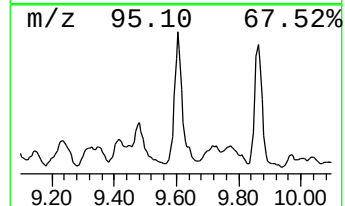
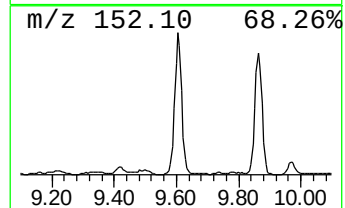
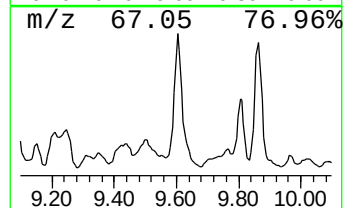
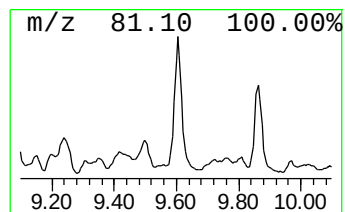
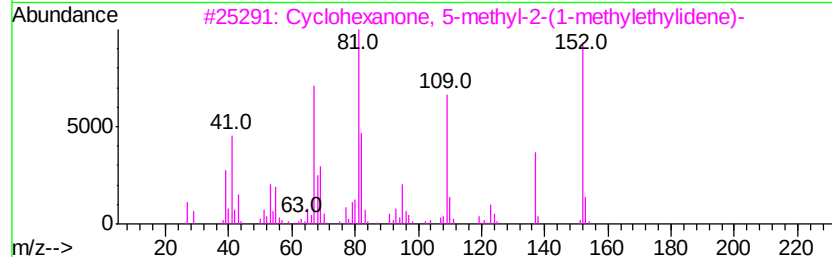
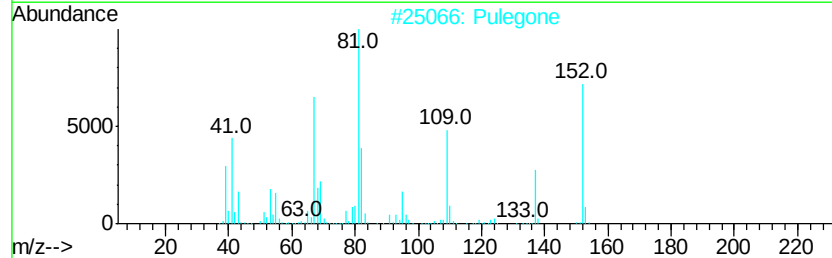
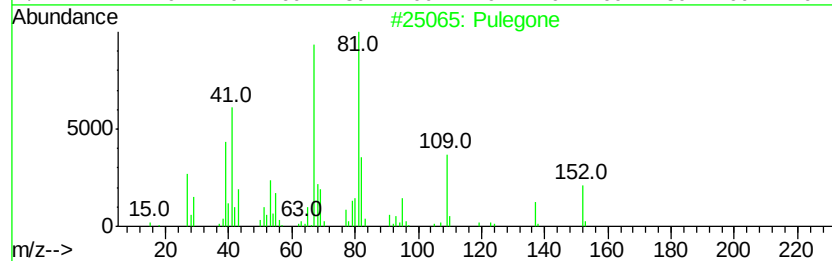
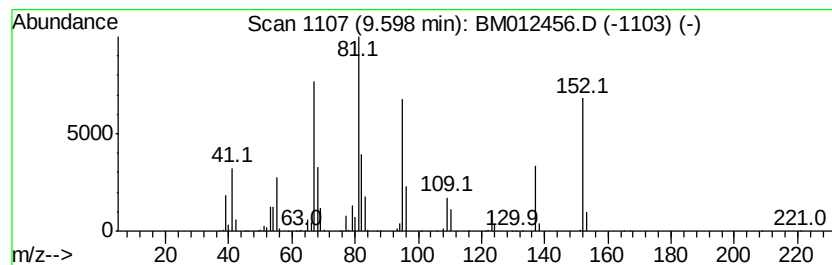
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 46 Pulegone Concentration Rank 15

| R.T. | EstConc    | Area    | Relative to ISTD | R.T.  |
|------|------------|---------|------------------|-------|
| 9.60 | 9.81 ng/ul | 4689080 | Napthalene-d8    | 10.67 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pulegone                             | 152 | C10H16O | 000089-82-7 | 81   |
| 2    |    |   | Pulegone                             | 152 | C10H16O | 000089-82-7 | 81   |
| 3    |    |   | Cyclohexanone, 5-methyl-2-(1-meth... | 152 | C10H16O | 015932-80-6 | 74   |
| 4    |    |   | Cyclohexanone, 5-methyl-2-(1-meth... | 152 | C10H16O | 015932-80-6 | 74   |
| 5    |    |   | 9-Methylbicyclo[3.3.1]nonane         | 138 | C10H18  | 025107-01-1 | 64   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

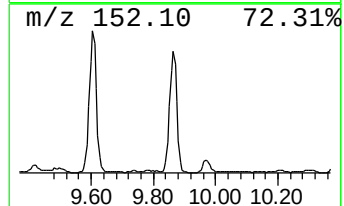
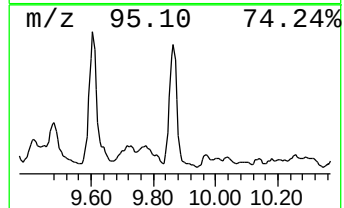
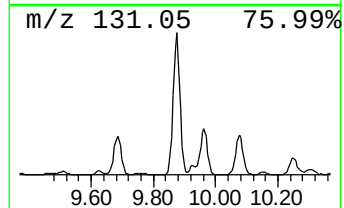
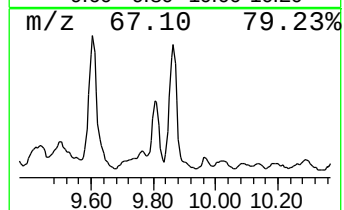
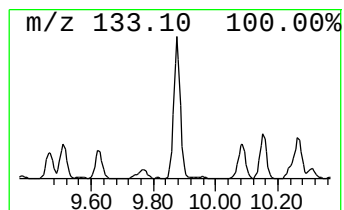
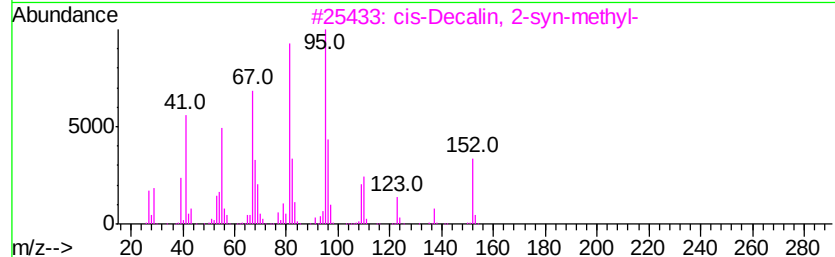
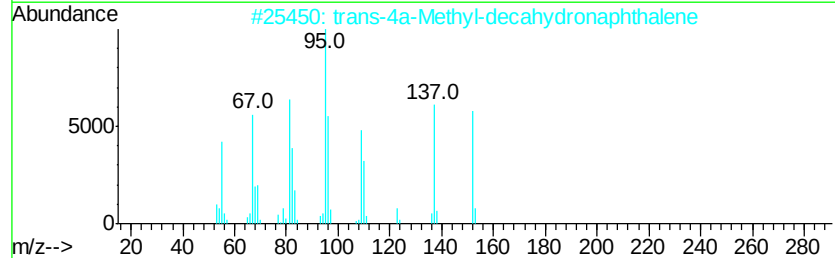
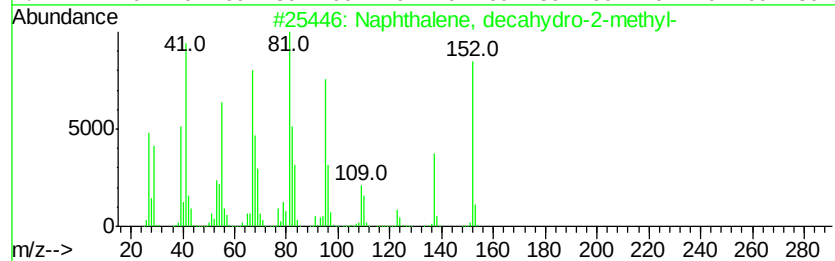
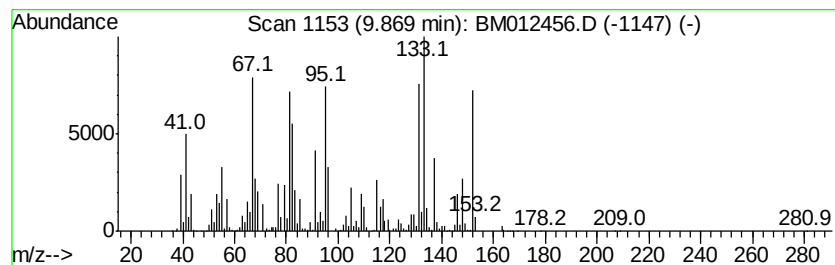
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 47 Naphthalene, decahydro-2-me... Concentration Rank 2

| R.T. | EstConc     | Area    | Relative to ISTD | R.T.  |
|------|-------------|---------|------------------|-------|
| 9.87 | 19.21 ng/ul | 9184720 | Naphthalene-d8   | 10.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 87   |
| 2    |    | trans-4a-Methyl-decahydronaphtha... | 152 | C11H20  | 002547-27-5  | 70   |
| 3    |    | cis-Decalin, 2-syn-methyl-          | 152 | C11H20  | 1000155-85-6 | 49   |
| 4    |    | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 42   |
| 5    |    | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6  | 38   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

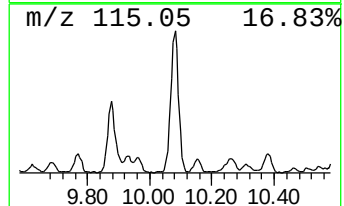
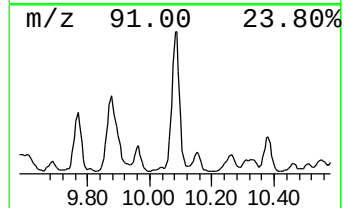
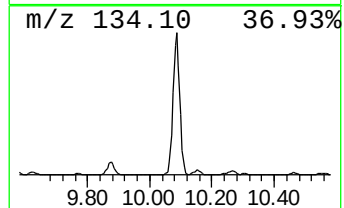
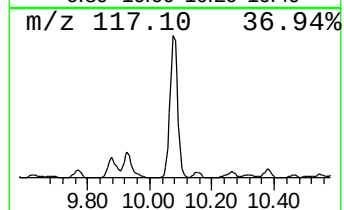
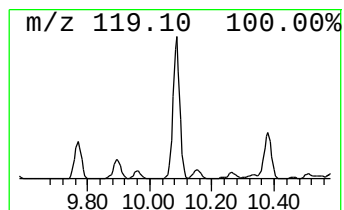
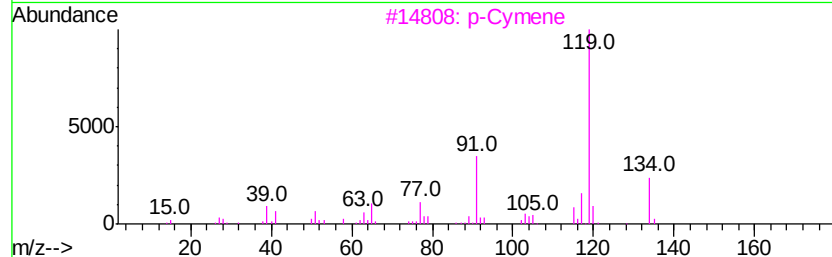
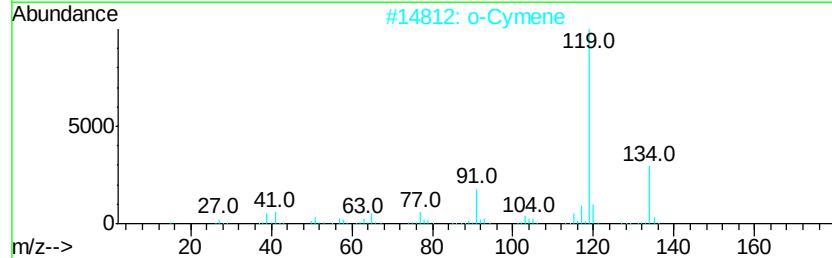
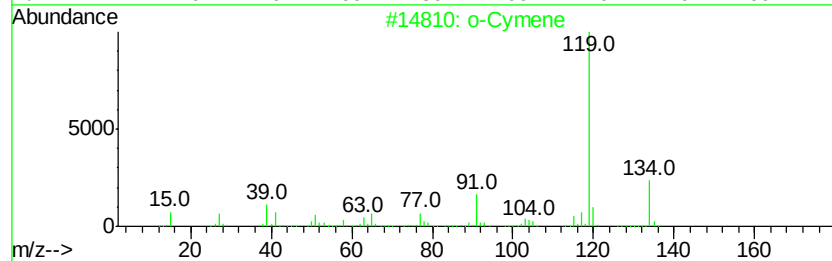
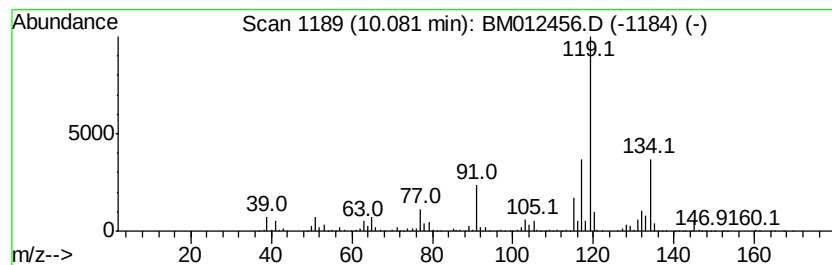
Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 48 o-Cymene Concentration Rank 5

| R.T.      | EstConc                        | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------|---------|------------------|-------------|------|
| 10.08     | 16.74 ng/ul                    | 8005970 | Napthalene-d8    | 10.67       |      |
| Hit# of 5 | Tentative ID                   | MW      | MolForm          | CAS#        | Qual |
| 1         | o-Cymene                       | 134     | C10H14           | 000527-84-4 | 76   |
| 2         | o-Cymene                       | 134     | C10H14           | 000527-84-4 | 76   |
| 3         | p-Cymene                       | 134     | C10H14           | 000099-87-6 | 76   |
| 4         | Benzene, 1-ethyl-2,3-dimethyl- | 134     | C10H14           | 000933-98-2 | 76   |
| 5         | p-Cymene                       | 134     | C10H14           | 000099-87-6 | 76   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

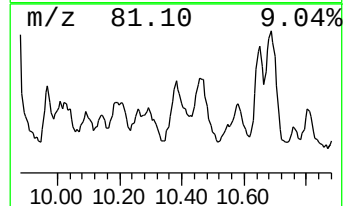
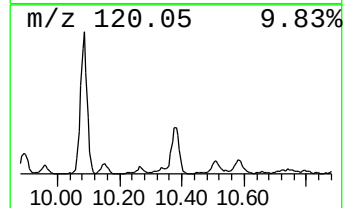
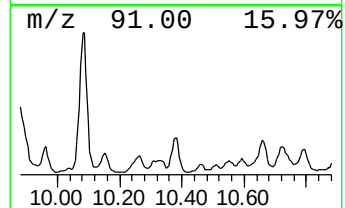
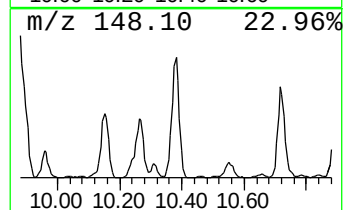
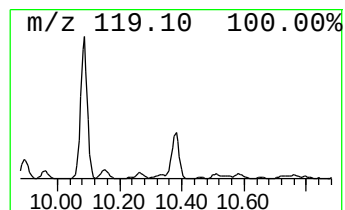
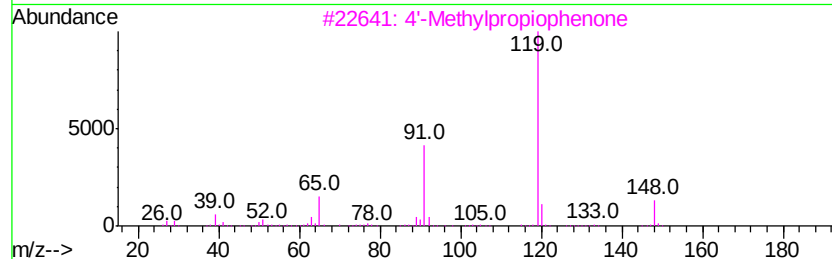
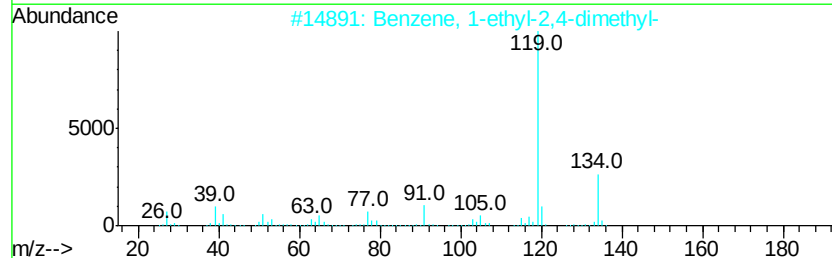
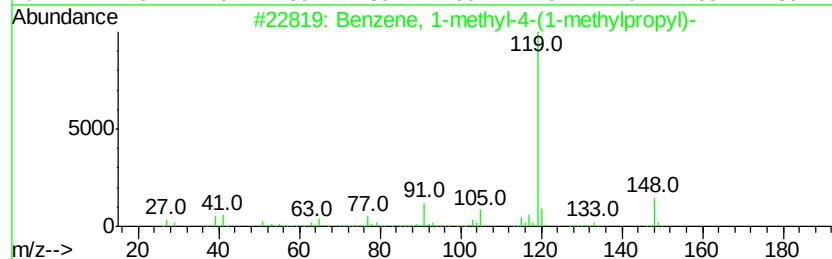
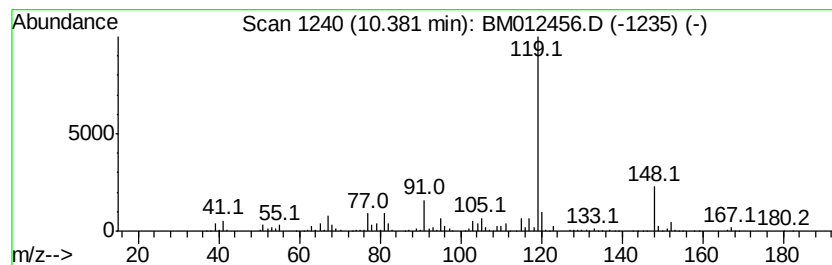
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 49 Benzene, 1-methyl-4-(1-meth... Concentration Rank 44

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 10.38 | 4.22 ng/ul | 2015800 | Napthalene-d8    | 10.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16  | 001595-16-0 | 87   |
| 2    |    | Benzene, 1-ethyl-2,4-dimethyl-      | 134 | C10H14  | 000874-41-9 | 76   |
| 3    |    | 4'-Methylpropiophenone              | 148 | C10H12O | 005337-93-9 | 72   |
| 4    |    | Benzene, (1,1-dimethylpropyl)-      | 148 | C11H16  | 002049-95-8 | 72   |
| 5    |    | Benzene, 2-ethyl-1,3-dimethyl-      | 134 | C10H14  | 002870-04-4 | 59   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

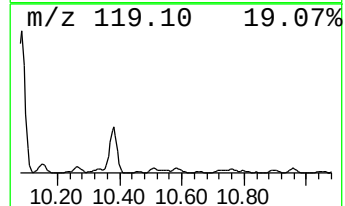
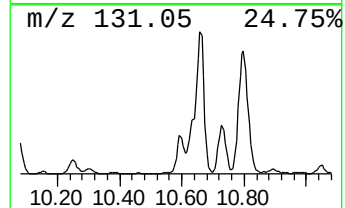
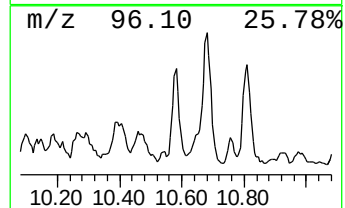
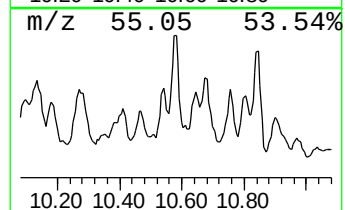
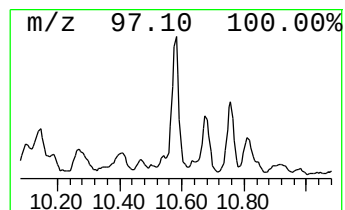
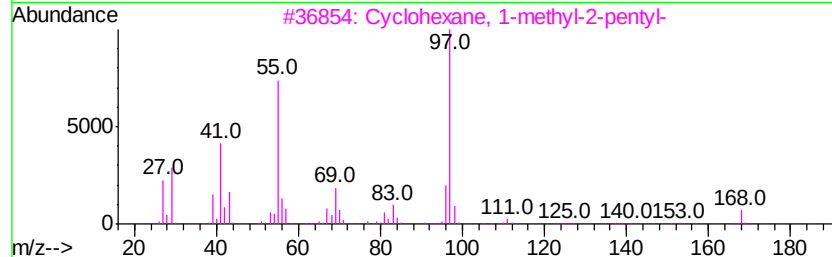
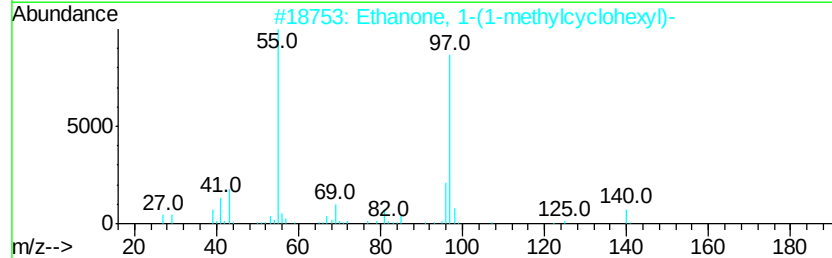
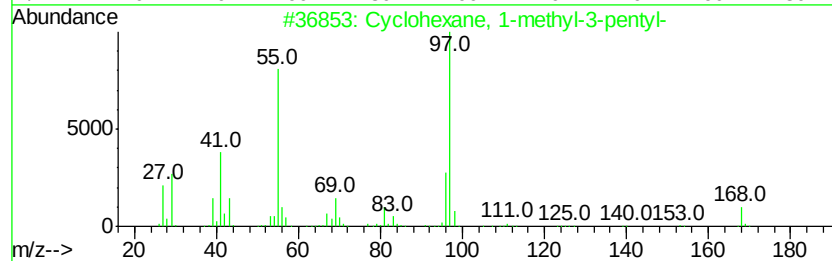
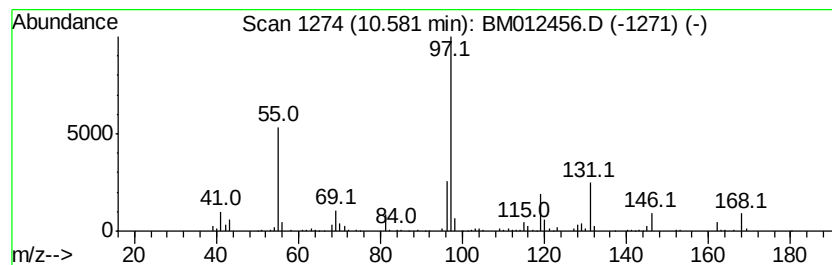
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 50 (DEL) Alkane: Cyclic10.58 Concentration Rank 47

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 10.58 | 3.47 ng/ul | 1658080 | Napthalene-d8    | 10.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1-methyl-3-pentyl-     | 168 | C12H24  | 054411-02-8 | 49   |
| 2    |    | Ethanone, 1-(1-methylcyclohexyl)-   | 140 | C9H16O  | 002890-62-2 | 43   |
| 3    |    | Cyclohexane, 1-methyl-2-pentyl-     | 168 | C12H24  | 054411-01-7 | 38   |
| 4    |    | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 004926-78-7 | 37   |
| 5    |    | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 006236-88-0 | 37   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

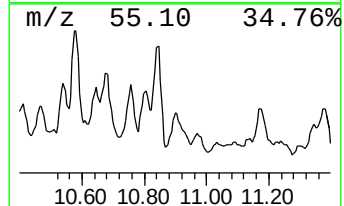
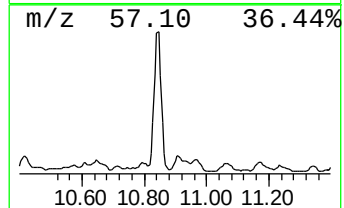
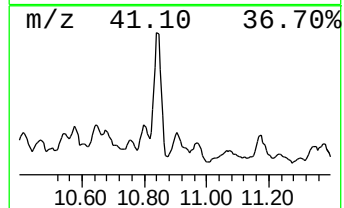
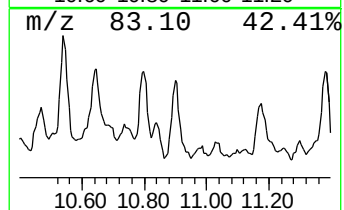
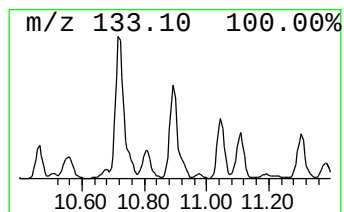
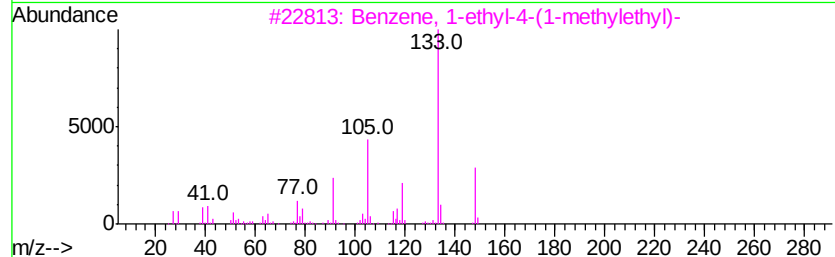
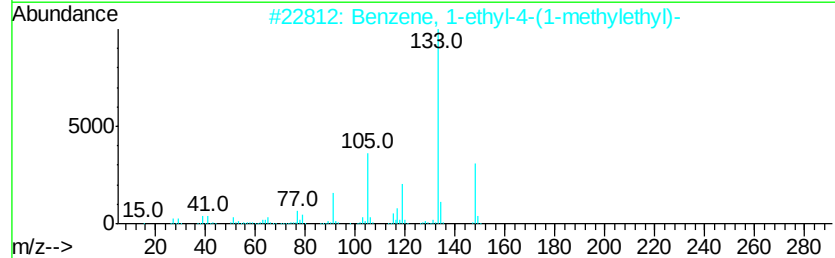
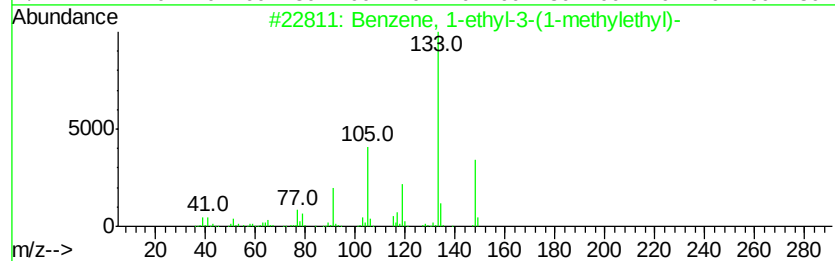
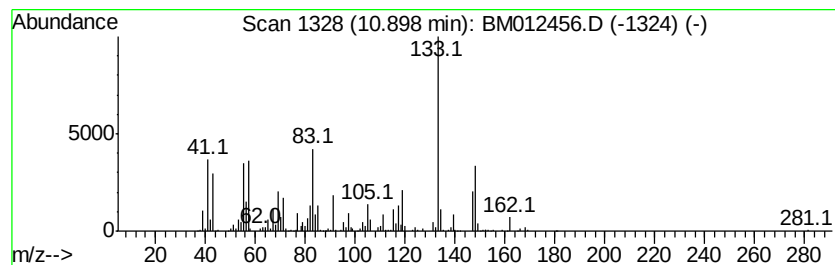
Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 51 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 53

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.            |
|---------|------------|-------------------------------------|------------------|-----------------|
| 10.90   | 2.74 ng/ul | 1310950                             | Napthalene-d8    | 10.67           |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |            | Benzene, 1-ethyl-3-(1-methylethyl)- | 148 C11H16       | 004920-99-4 78  |
| 2       |            | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 C11H16       | 004218-48-8 78  |
| 3       |            | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 C11H16       | 004218-48-8 78  |
| 4       |            | Benzene, pentamethyl-               | 148 C11H16       | 000700-12-9 55  |
| 5       |            | 3,4-Dimethylcumene                  | 148 C11H16       | 1000370-34-1 55 |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

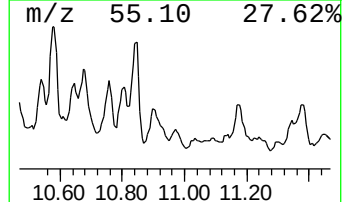
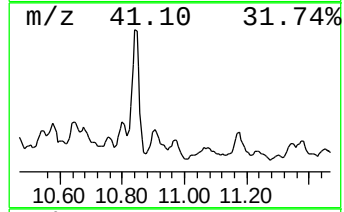
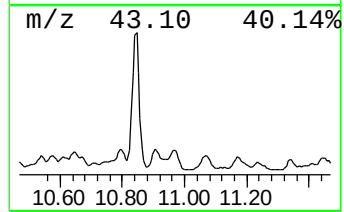
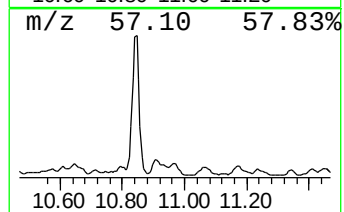
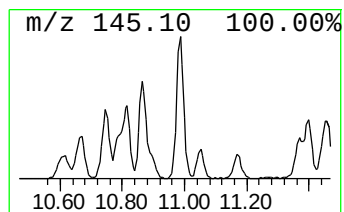
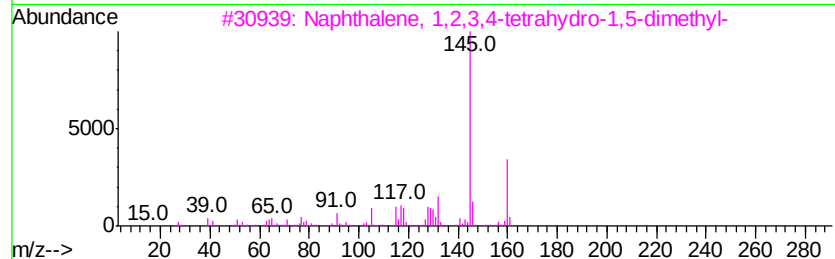
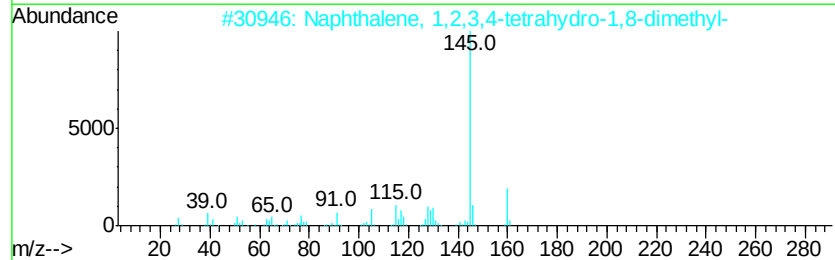
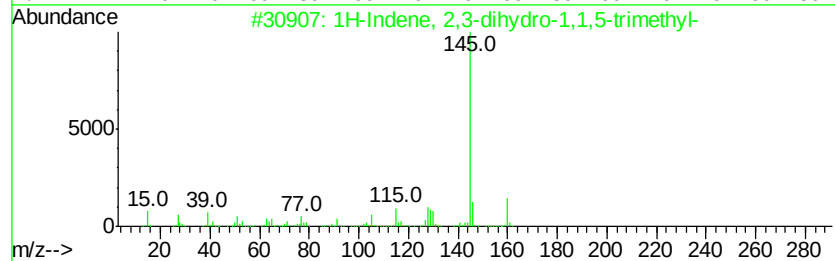
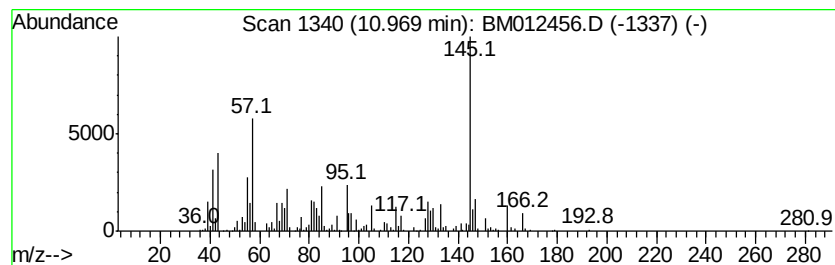
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 52 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 58

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 10.97 | 2.34 ng/ul | 1116720 | Naphthalene-d8   | 10.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 | C12H16  | 040650-41-7 | 93   |
| 2    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 025419-33-4 | 81   |
| 3    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 81   |
| 4    |    | 1H-Indene, 2,3-dihydro-1,5,7-tri... | 160 | C12H16  | 054340-88-4 | 76   |
| 5    |    | 1H-Indene, 2,3-dihydro-1,1,6-tri... | 160 | C12H16  | 014276-95-0 | 76   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

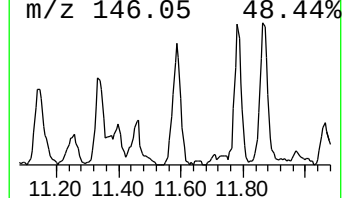
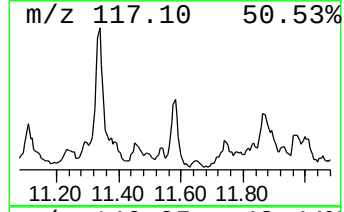
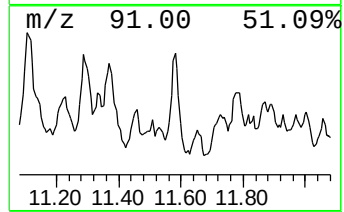
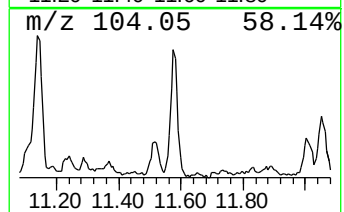
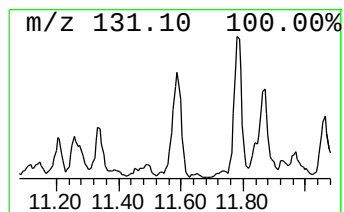
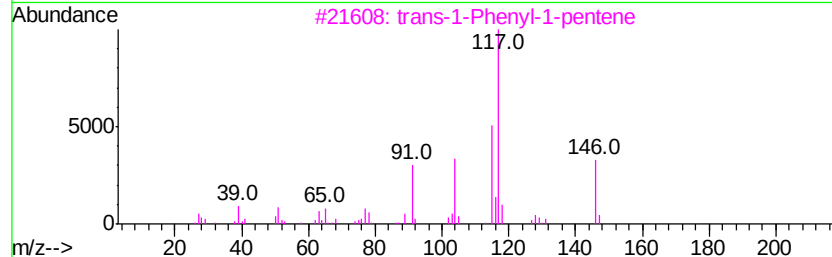
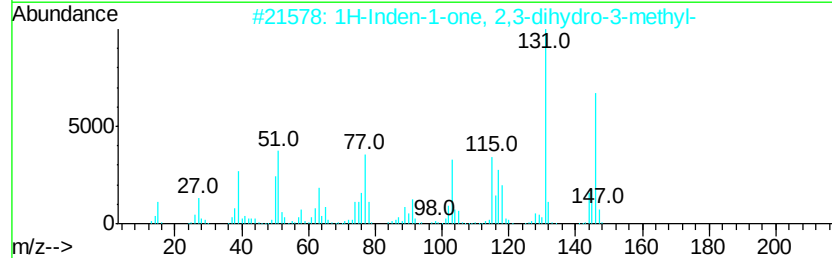
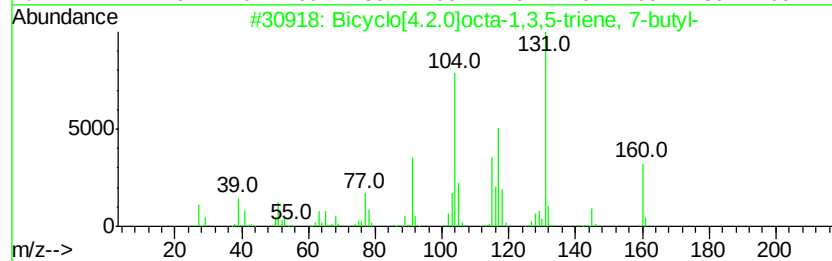
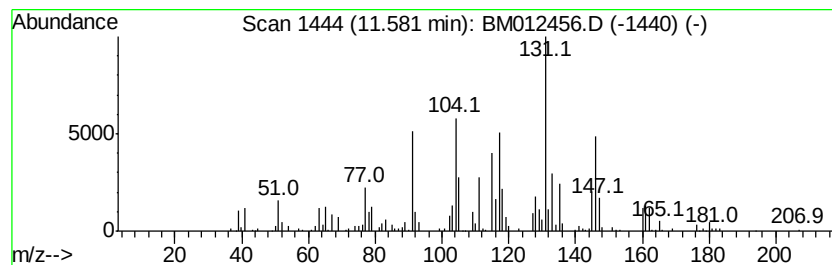
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ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 53 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 61

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.           |
|---------|------------|-------------------------------------|------------------|----------------|
| 11.58   | 2.20 ng/ul | 1050610                             | Naphthalene-d8   | 10.67          |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |            | Bicyclo[4.2.0]octa-1,3,5-triene,... | 160 C12H16       | 078920-29-3 92 |
| 2       |            | 1H-Inden-1-one, 2,3-dihydro-3-me... | 146 C10H10O      | 006072-57-7 53 |
| 3       |            | trans-1-Phenyl-1-pentene            | 146 C11H14       | 016002-93-0 50 |
| 4       |            | Benzene, (1-methyl-1-butenyl)-      | 146 C11H14       | 053172-84-2 46 |
| 5       |            | Naphthalene, 6-ethyl-1,2,3,4-tet... | 160 C12H16       | 022531-20-0 43 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

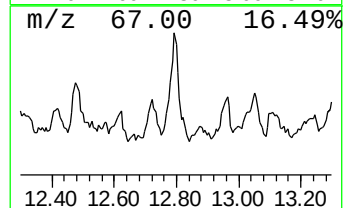
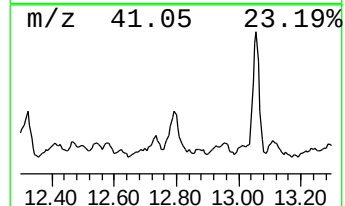
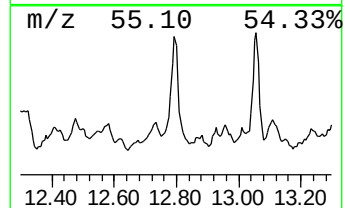
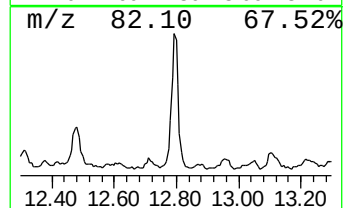
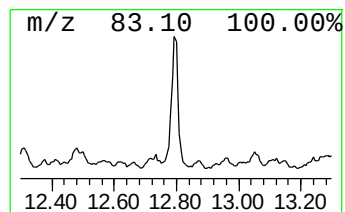
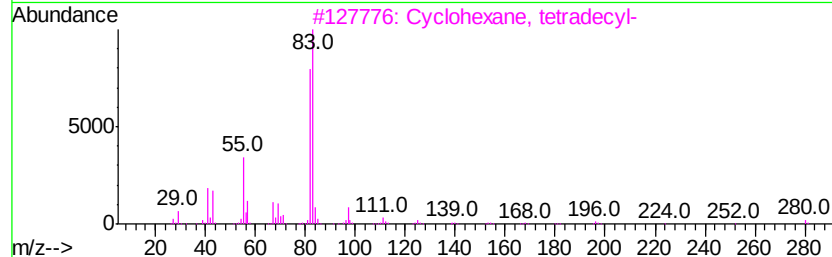
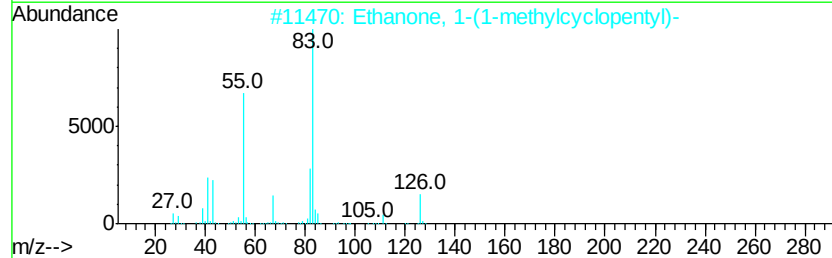
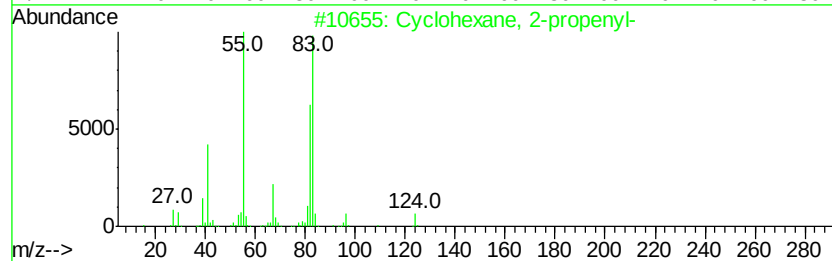
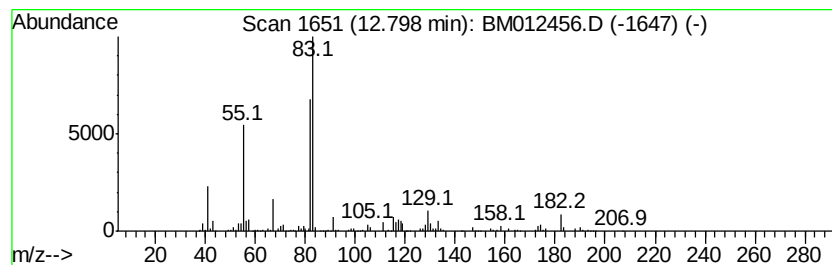
Instrument :  
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ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 54 Cyclohexane, 2-propenyl- Concentration Rank 59

| R.T.    | EstConc    | Area                               | Relative to ISTD | R.T.           |
|---------|------------|------------------------------------|------------------|----------------|
| 12.80   | 2.31 ng/ul | 929332                             | Acenaphthene-d10 | 14.51          |
| Hit# of | 5          | Tentative ID                       | MW MolForm       | CAS# Qual      |
| 1       |            | Cyclohexane, 2-propenyl-           | 124 C9H16        | 002114-42-3 53 |
| 2       |            | Ethanone, 1-(1-methylcyclopentyl)- | 126 C8H14O       | 013388-93-7 47 |
| 3       |            | Cyclohexane, tetradecyl-           | 280 C20H40       | 001795-18-2 42 |
| 4       |            | Cyclohexane, hexyl-                | 168 C12H24       | 004292-75-5 42 |
| 5       |            | Cyclohexane, nonadecyl-            | 350 C25H50       | 022349-03-7 42 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

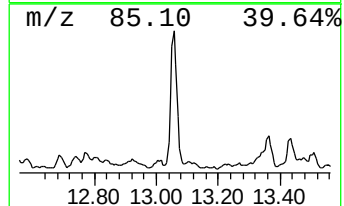
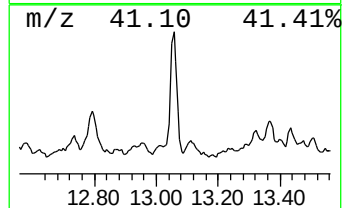
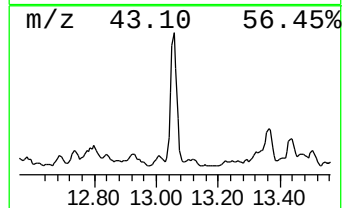
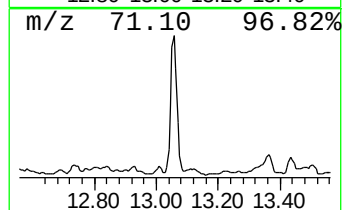
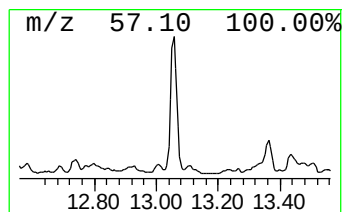
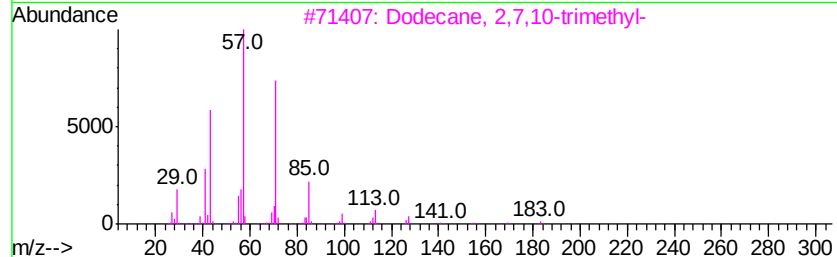
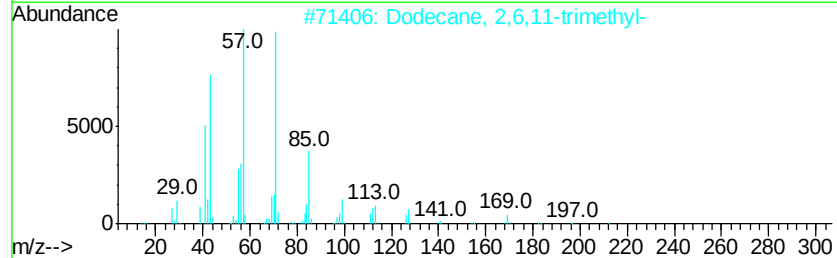
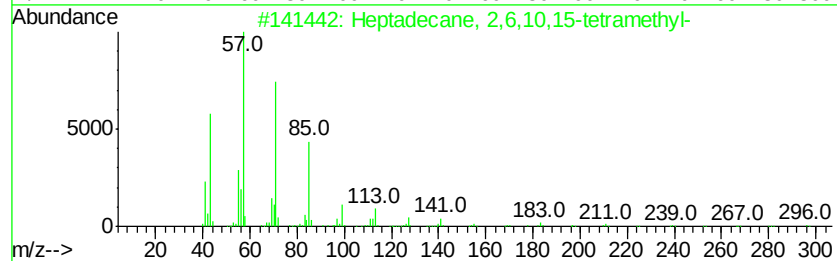
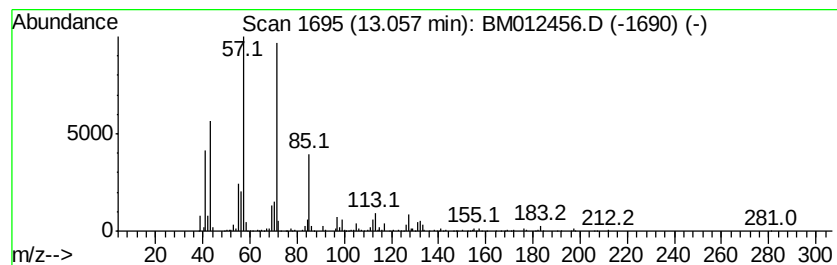
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 13.06 | 6.25 ng/ul | 2514180 | Acenaphthene-d10 | 14.51 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 86   |
| 2    |    | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 72   |
| 3    |    | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 72   |
| 4    |    | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 72   |
| 5    |    | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 64   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

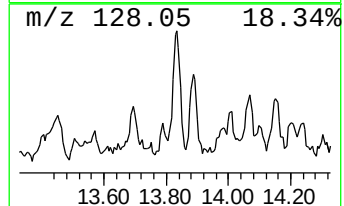
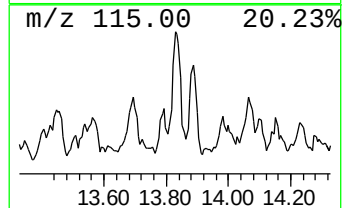
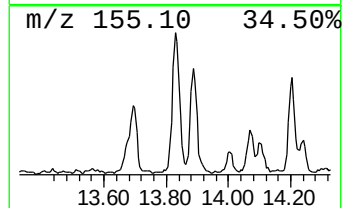
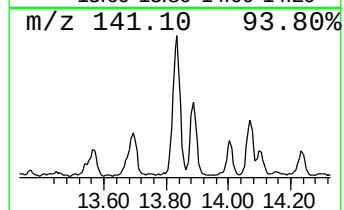
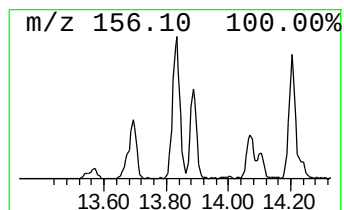
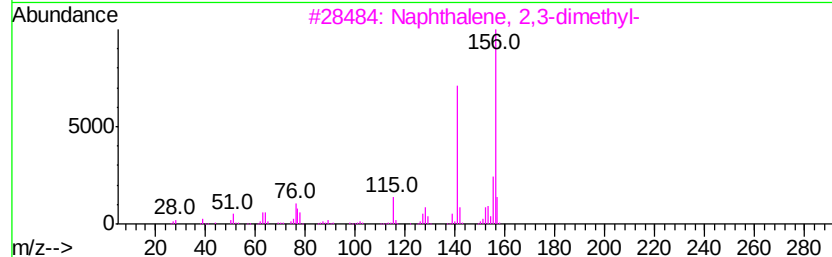
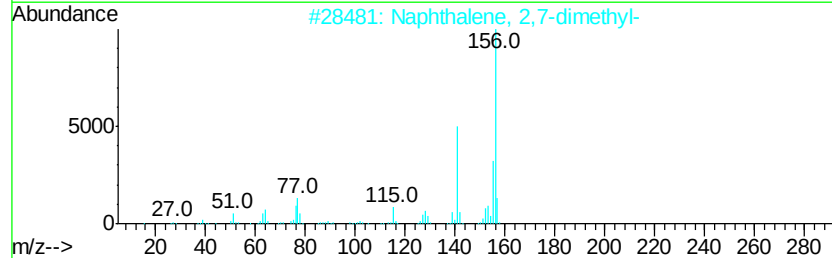
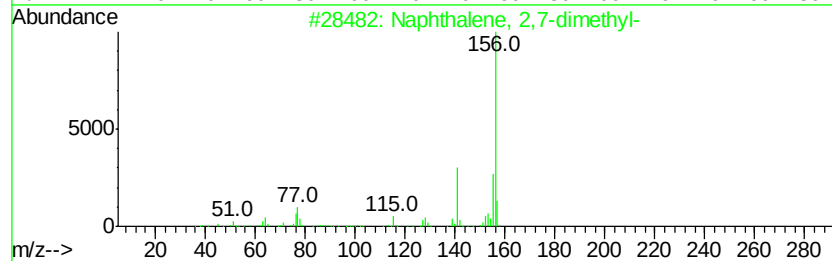
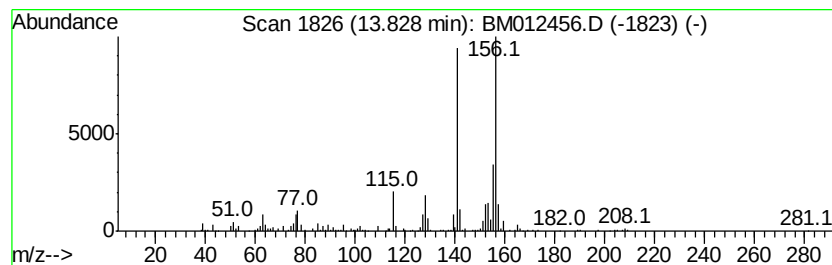
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 56 Naphthalene, 2,7-dimethyl- Concentration Rank 54

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 13.83 | 2.68 ng/ul | 1076460 | Acenaphthene-d10 | 14.51 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 2    |    | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 3    |    | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 4    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 5    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

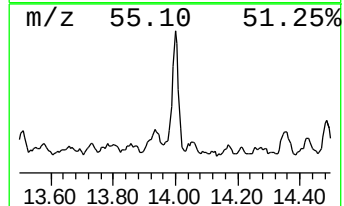
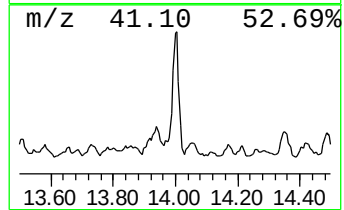
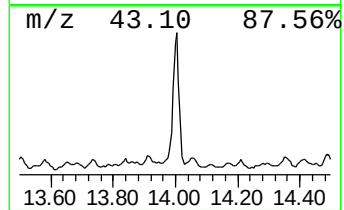
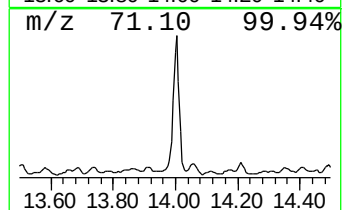
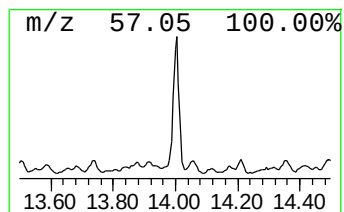
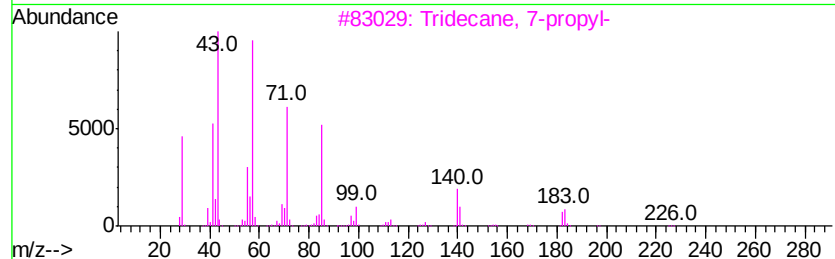
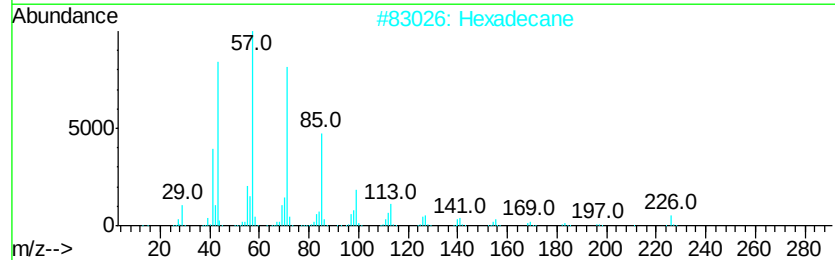
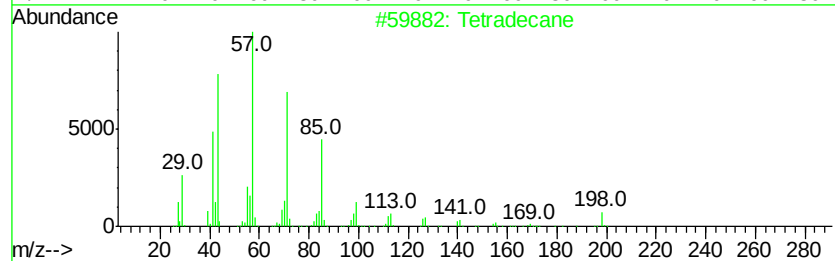
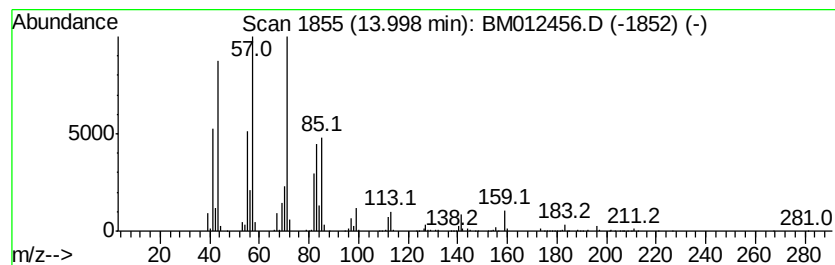
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 14.00 | 7.03 ng/ul | 2826890 | Acenaphthene-d10 | 14.51 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane                         | 198 | C14H30  | 000629-59-4 | 72   |
| 2    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 72   |
| 3    |    |   | Tridecane, 7-propyl-                | 226 | C16H34  | 055045-09-5 | 70   |
| 4    |    |   | Hexadecane                          | 226 | C16H34  | 000544-76-3 | 64   |
| 5    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 64   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

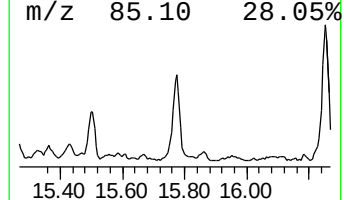
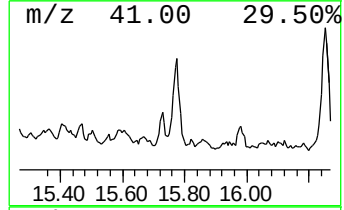
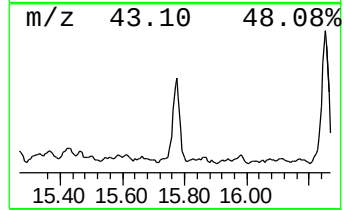
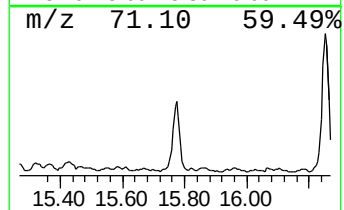
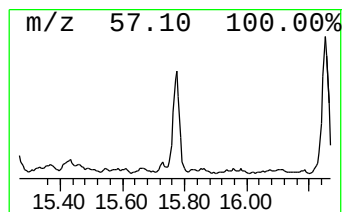
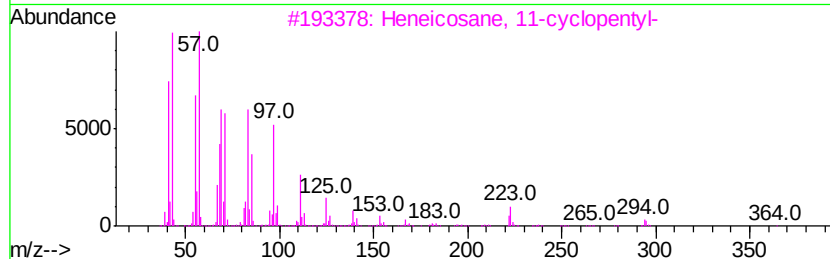
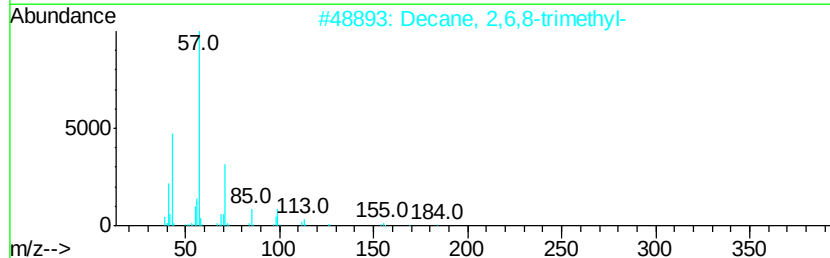
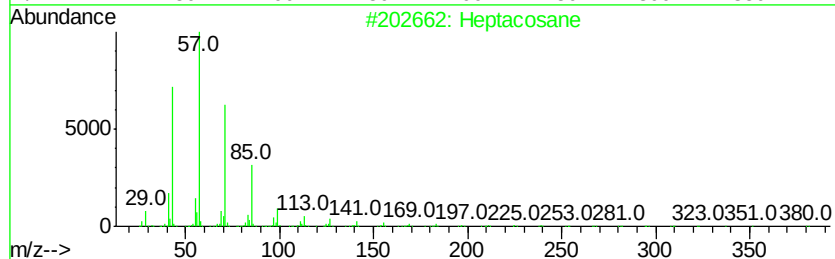
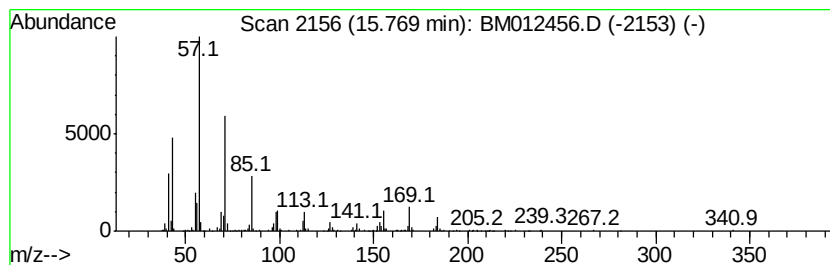
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 56

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.77 | 2.45 ng/ul | 984278 | Acenaphthene-d10 | 14.51 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane                  | 380 | C27H56  | 000593-49-7 | 72   |
| 2    |    |   | Decane, 2,6,8-trimethyl-     | 184 | C13H28  | 062108-26-3 | 70   |
| 3    |    |   | Heneicosane, 11-cyclopentyl- | 364 | C26H52  | 006703-81-7 | 64   |
| 4    |    |   | Tridecane                    | 184 | C13H28  | 000629-50-5 | 64   |
| 5    |    |   | Tridecane, 2-methyl-         | 198 | C14H30  | 001560-96-9 | 64   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

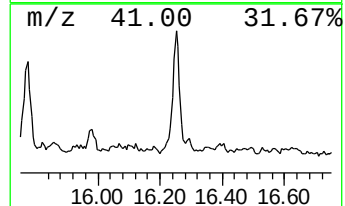
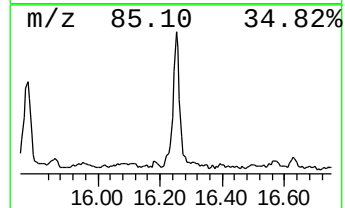
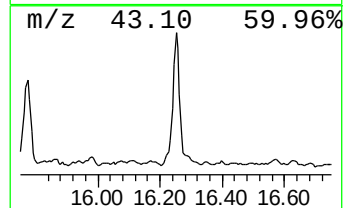
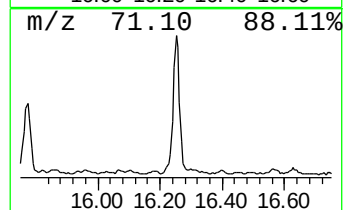
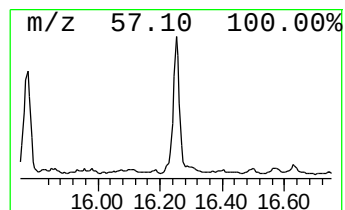
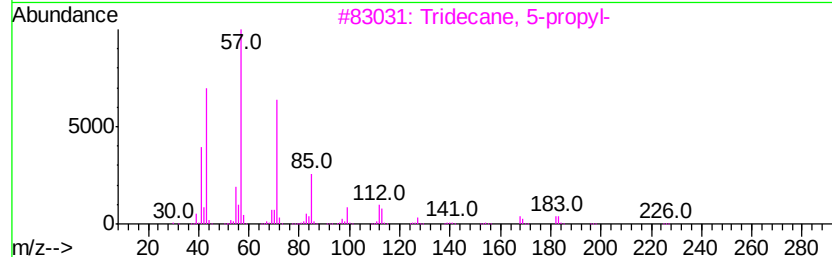
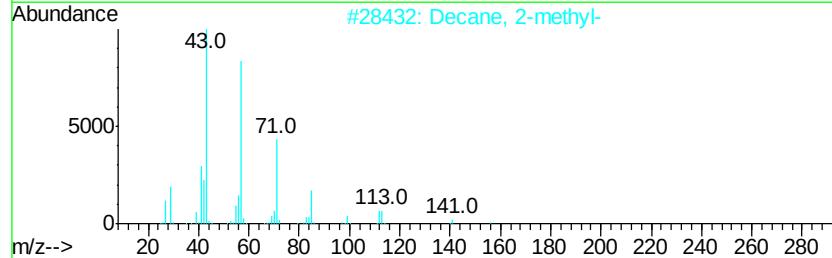
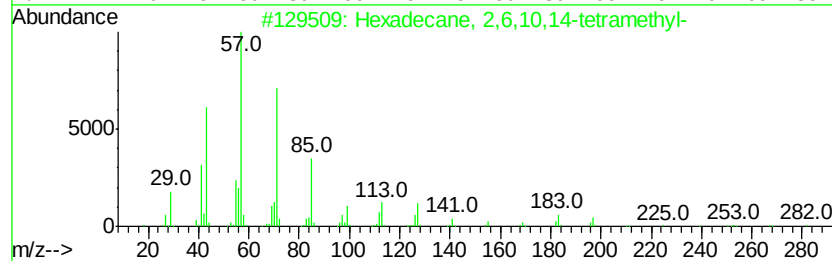
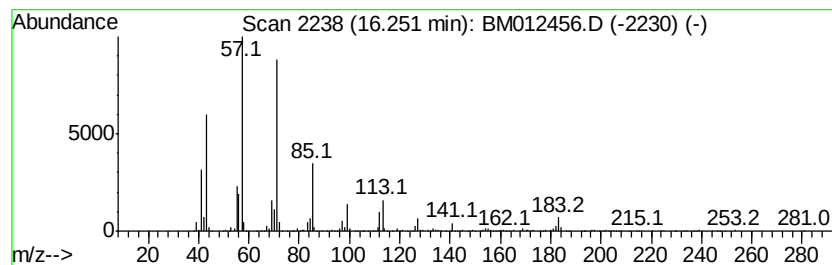
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 43

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 16.25 | 4.33 ng/ul | 1762430 | Phenanthrene-d10 | 17.25 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8 | 91   |
| 2    |    | Decane, 2-methyl-                   | 156 | C11H24  | 006975-98-0 | 90   |
| 3    |    | Tridecane, 5-propyl-                | 226 | C16H34  | 055045-11-9 | 86   |
| 4    |    | Nonane, 2-methyl-5-propyl-          | 184 | C13H28  | 031081-17-1 | 86   |
| 5    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 86   |





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

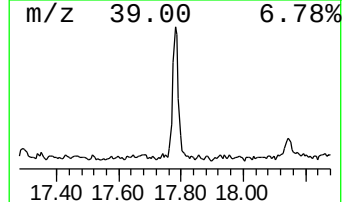
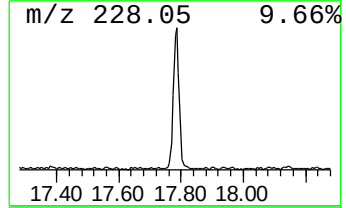
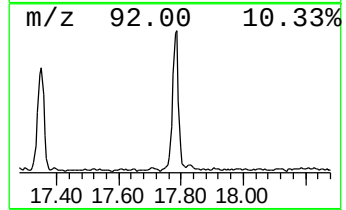
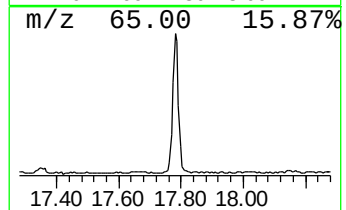
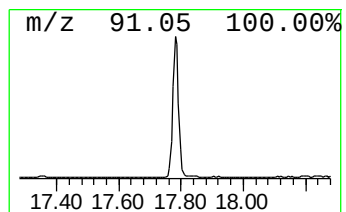
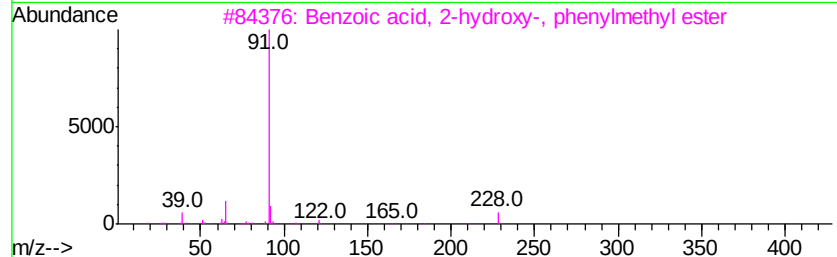
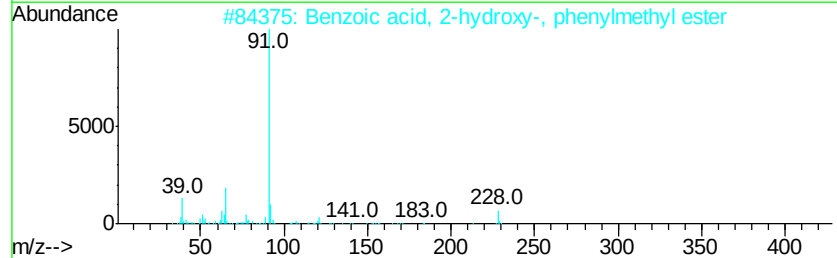
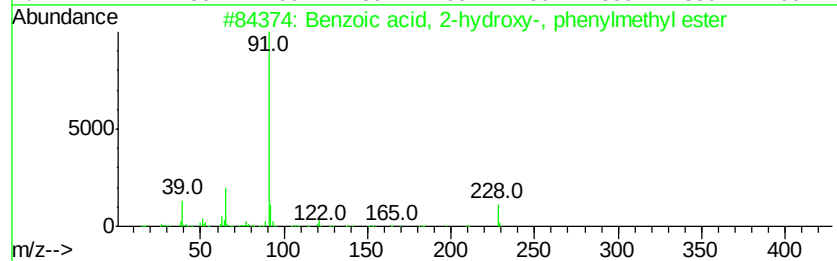
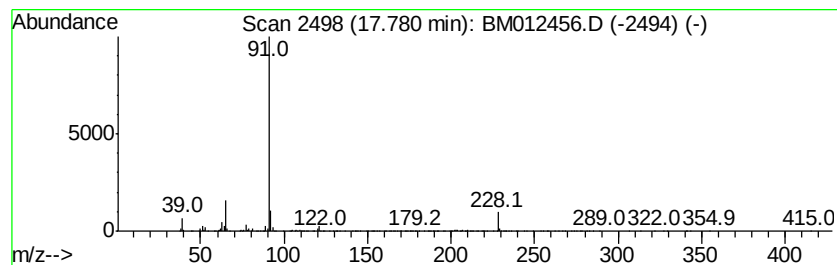
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 60 Benzoic acid, 2-hydroxy-, p... Concentration Rank 55

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 17.78 | 2.63 ng/ul | 1069170 | Phenanthrene-d10 | 17.25 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzoic acid, 2-hydroxy-, phenyl...  | 228 | C14H12O3 | 000118-58-1 | 94   |
| 2    |    | Benzoic acid, 2-hydroxy-, phenyl...  | 228 | C14H12O3 | 000118-58-1 | 93   |
| 3    |    | Benzoic acid, 2-hydroxy-, phenyl...  | 228 | C14H12O3 | 000118-58-1 | 91   |
| 4    |    | Benzaldehyde, 2-hydroxy-4-(phenyl... | 228 | C14H12O3 | 052085-14-0 | 80   |
| 5    |    | Benzaldehyde, 3-hydroxy-4-benzyl...  | 228 | C14H12O3 | 004049-39-2 | 72   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

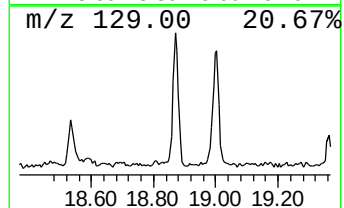
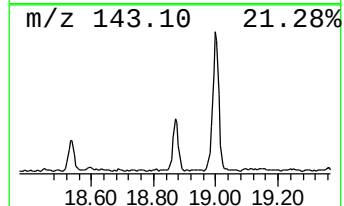
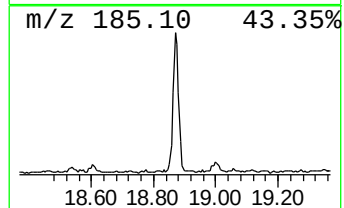
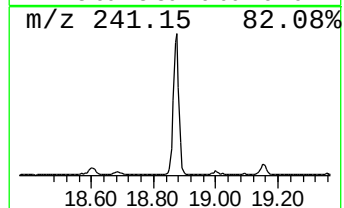
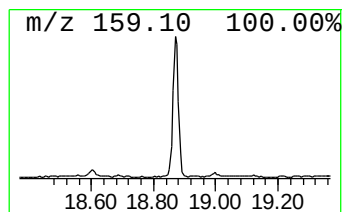
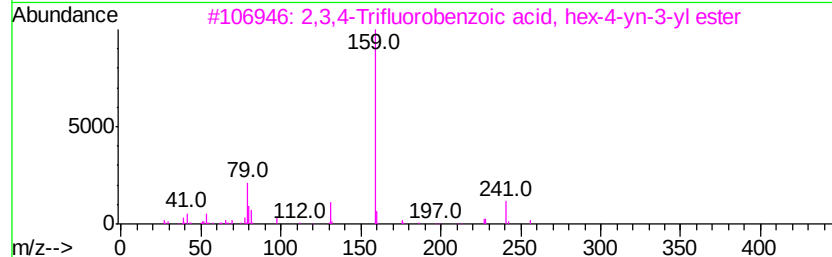
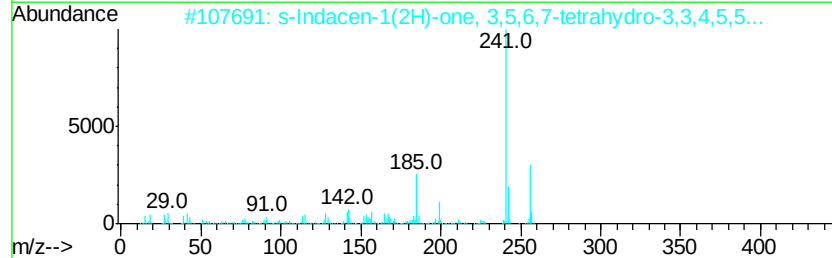
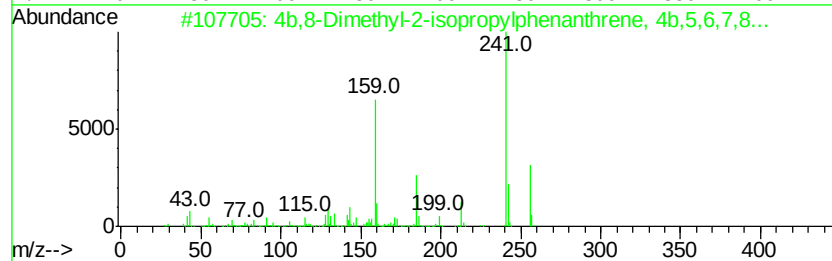
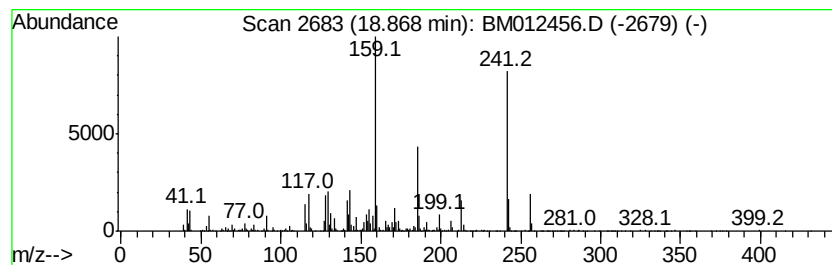
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 61 4b,8-Dimethyl-2-isopropylph... Concentration Rank 49

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 18.87 | 3.36 ng/ul | 1368070 | Phenanthrene-d10 | 17.25 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 4b,8-Dimethyl-2-isopropylphenant... | 256 | C19H28     | 1000197-14-1 | 94   |
| 2    |    |   | s-Indacen-1(2H)-one, 3,5,6,7-tet... | 256 | C18H24O    | 038754-94-8  | 80   |
| 3    |    |   | 2,3,4-Trifluorobenzoic acid, hex... | 256 | C13H11F3O2 | 1000292-55-4 | 49   |
| 4    |    |   | Naphthalene, 6-ethyl-1,2,3,4-tet... | 256 | C19H28     | 301643-35-6  | 38   |
| 5    |    |   | Pyrazol-4-amine, 1-(3,4-dichloro... | 241 | C10H9Cl2N3 | 1000273-77-4 | 35   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

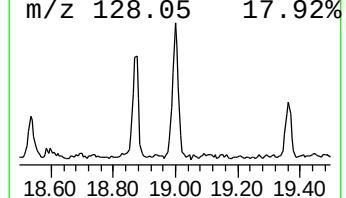
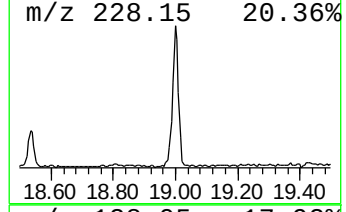
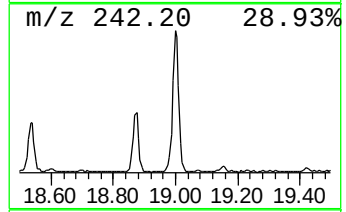
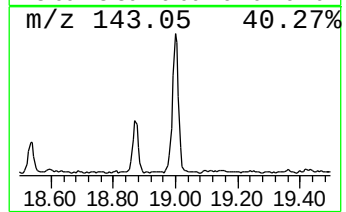
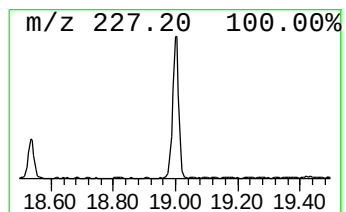
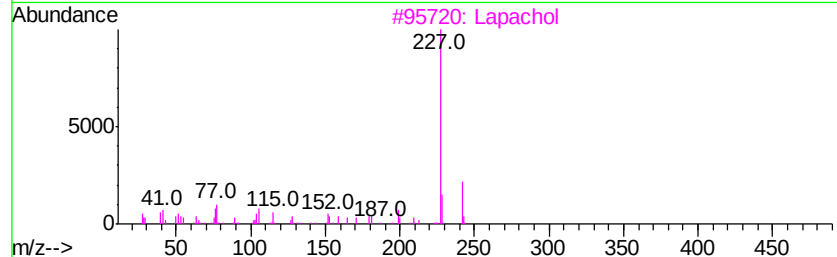
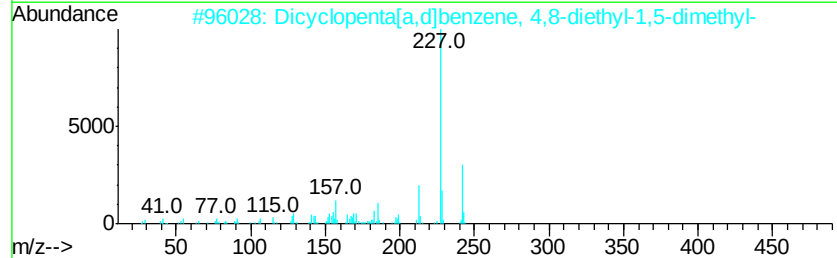
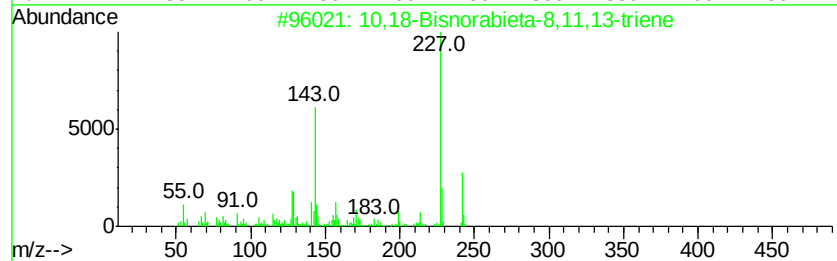
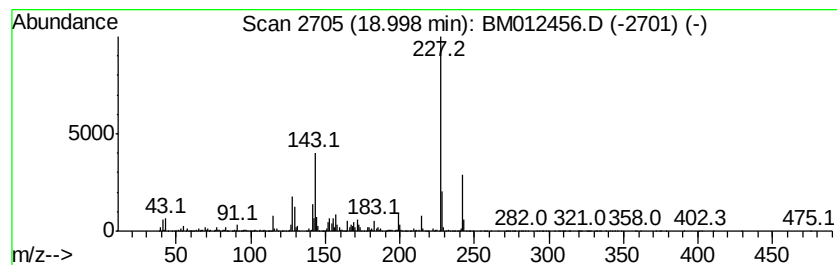
Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 62 10,18-Bisnorabieta-8,11,13-... Concentration Rank 50

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 19.00     | 3.14 ng/ul                          | 1279250 | Phenanthrene-d10 | 17.25        |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | 10,18-Bisnorabieta-8,11,13-triene   | 242     | C18H26           | 032624-67-2  | 94   |
| 2         | Dicyclopenta[a,d]benzene, 4,8-di... | 242     | C18H26           | 1000156-41-6 | 70   |
| 3         | Lapachol                            | 242     | C15H14O3         | 000084-79-7  | 64   |
| 4         | s-Indacene-1,7-dione, 2,3,5,6-te... | 242     | C16H18O2         | 055591-17-8  | 62   |
| 5         | 5-Methoxy-2-methyl-4-oxo-1,2,3,4... | 242     | C14H14N2O2       | 1000227-06-0 | 52   |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\  
Data File : BM012456.D  
Acq On : 25 Oct 2017 22:24  
Operator : SJ/JU  
Sample : I5719-14 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
Quant Title : SVOA CALIBRATION

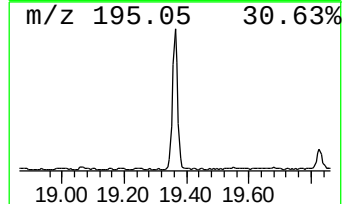
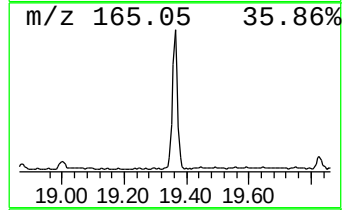
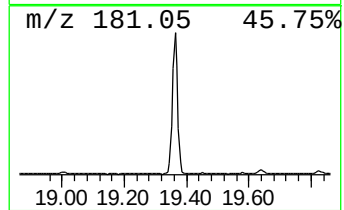
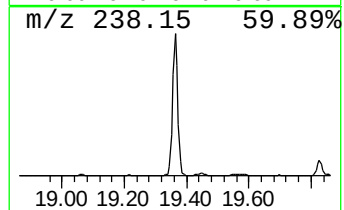
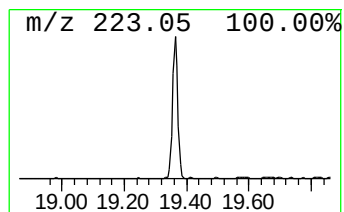
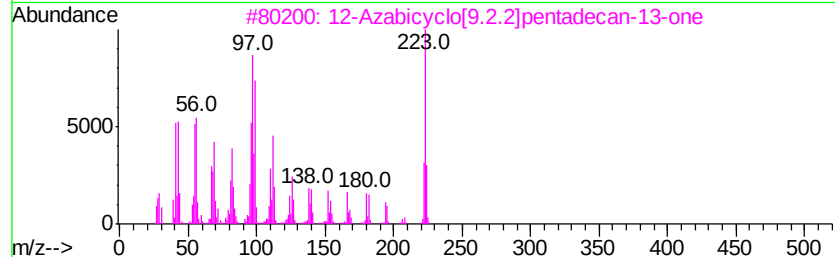
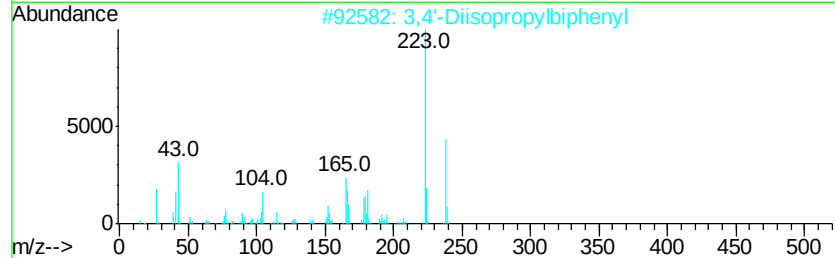
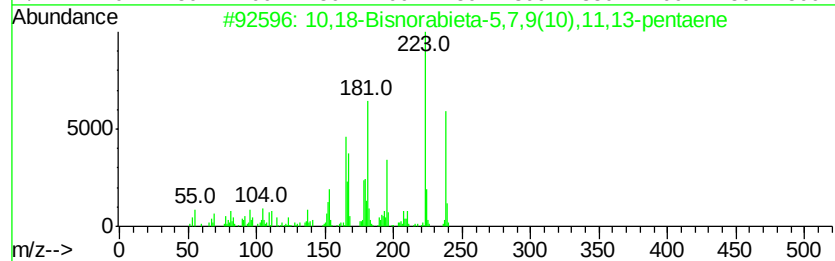
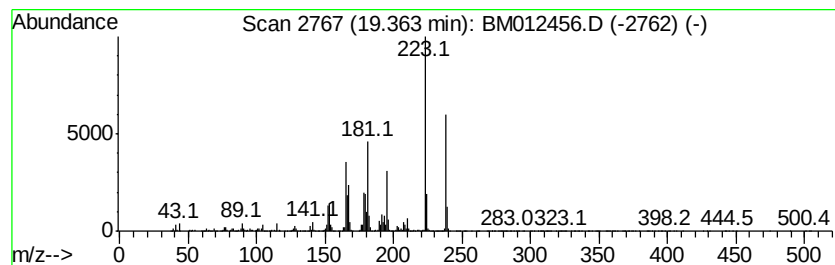
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 63 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 19.36 | 11.37 ng/ul | 4103860 | Chrysene-d12     | 21.42 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22   | 006566-19-4  | 99   |
| 2    |    | 3,4'-Diisopropylbiphenyl            | 238 | C18H22   | 061434-46-6  | 89   |
| 3    |    | 12-Azabicyclo[9.2.2]pentadecan-1... | 223 | C14H25NO | 1000191-26-7 | 70   |
| 4    |    | Anthracene, 1,4-dimethoxy-          | 238 | C16H14O2 | 013076-29-4  | 60   |
| 5    |    | 4,4'-Diisopropylbiphenyl            | 238 | C18H22   | 018970-30-4  | 60   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM102517\  
 Data File : BM012456.D  
 Acq On : 25 Oct 2017 22:24  
 Operator : SJ/JU  
 Sample : I5719-14 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-27(5-5.5)-100517

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102417.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 |
| (DEL) Alkane: Str... | 4.85  | 2.2     | ng/ul | 1336620  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 5.05  | 3.1     | ng/ul | 1915490  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 5.10  | 5.0     | ng/ul | 3075210  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 5.26  | 2.1     | ng/ul | 1313680  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 5.33  | 4.6     | ng/ul | 2789620  | 1                     | 7.89  | 12231100 | 20.0 |
| Pentalene, octahy... | 5.60  | 2.2     | ng/ul | 1361990  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 5.70  | 3.4     | ng/ul | 2068990  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 5.78  | 4.3     | ng/ul | 2652920  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 5.85  | 6.8     | ng/ul | 4137750  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 5.92  | 6.1     | ng/ul | 3720210  | 1                     | 7.89  | 12231100 | 20.0 |
| unknown-01           | 5.99  | 3.8     | ng/ul | 2333370  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 6.17  | 18.1    | ng/ul | 11037900 | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 6.29  | 8.2     | ng/ul | 5013670  | 1                     | 7.89  | 12231100 | 20.0 |
| unknown-02           | 6.38  | 10.6    | ng/ul | 6477820  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 6.45  | 6.7     | ng/ul | 4084760  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 6.53  | 7.9     | ng/ul | 4840980  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 6.56  | 10.4    | ng/ul | 6382780  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 6.65  | 5.3     | ng/ul | 3252510  | 1                     | 7.89  | 12231100 | 20.0 |
| unknown-03           | 6.71  | 6.8     | ng/ul | 4186120  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 6.78  | 7.2     | ng/ul | 4388870  | 1                     | 7.89  | 12231100 | 20.0 |
| Cyclopropene, 1-b... | 6.88  | 9.2     | ng/ul | 5615300  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 6.99  | 5.2     | ng/ul | 3195240  | 1                     | 7.89  | 12231100 | 20.0 |
| Cyclohexene, 1-bu... | 7.28  | 8.4     | ng/ul | 5166720  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 7.31  | 9.7     | ng/ul | 5956500  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 7.35  | 3.1     | ng/ul | 1879080  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 7.54  | 5.3     | ng/ul | 3212580  | 1                     | 7.89  | 12231100 | 20.0 |
| Sulfurous acid, d... | 7.61  | 9.6     | ng/ul | 5851900  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 7.66  | 2.4     | ng/ul | 1480320  | 1                     | 7.89  | 12231100 | 20.0 |
| unknown-04           | 7.72  | 10.2    | ng/ul | 6241040  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 7.79  | 5.5     | ng/ul | 3372240  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 7.96  | 10.8    | ng/ul | 6612920  | 1                     | 7.89  | 12231100 | 20.0 |
| unknown-05           | 8.02  | 7.3     | ng/ul | 4459820  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 8.08  | 17.5    | ng/ul | 10728200 | 1                     | 7.89  | 12231100 | 20.0 |
| unknown-06           | 8.12  | 6.8     | ng/ul | 4140460  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 8.18  | 32.2    | ng/ul | 19684100 | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 8.24  | 10.0    | ng/ul | 6111980  | 1                     | 7.89  | 12231100 | 20.0 |
| Octacosyl trifluo... | 8.33  | 8.3     | ng/ul | 5044470  | 1                     | 7.89  | 12231100 | 20.0 |
| Benzene, 1,2-diet... | 8.38  | 8.3     | ng/ul | 5108280  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 8.45  | 9.4     | ng/ul | 5768430  | 1                     | 7.89  | 12231100 | 20.0 |
| Naphthalene, deca... | 8.72  | 14.1    | ng/ul | 8648740  | 1                     | 7.89  | 12231100 | 20.0 |
| unknown-07           | 8.87  | 4.0     | ng/ul | 2435520  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 9.15  | 4.5     | ng/ul | 2744750  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Cyc... | 9.20  | 9.8     | ng/ul | 6018160  | 1                     | 7.89  | 12231100 | 20.0 |
| (DEL) Alkane: Str... | 9.35  | 8.9     | ng/ul | 4240320  | 2                     | 10.67 | 9563640  | 20.0 |
| Benzene, 1,2,4,5-... | 9.51  | 11.1    | ng/ul | 5307140  | 2                     | 10.67 | 9563640  | 20.0 |
| Pulegone             | 9.60  | 9.8     | ng/ul | 4689080  | 2                     | 10.67 | 9563640  | 20.0 |
| Naphthalene, deca... | 9.87  | 19.2    | ng/ul | 9184720  | 2                     | 10.67 | 9563640  | 20.0 |
| o-Cymene             | 10.08 | 16.7    | ng/ul | 8005970  | 2                     | 10.67 | 9563640  | 20.0 |
| Benzene, 1-methyl... | 10.38 | 4.2     | ng/ul | 2015800  | 2                     | 10.67 | 9563640  | 20.0 |

|                      |       |            |         |   |       |         |      |
|----------------------|-------|------------|---------|---|-------|---------|------|
| (DEL) Alkane: Cyc... | 10.58 | 3.5 ng/ul  | 1658080 | 2 | 10.67 | 9563640 | 20.0 |
| Benzene, 1-ethyl-... | 10.90 | 2.7 ng/ul  | 1310950 | 2 | 10.67 | 9563640 | 20.0 |
| 1H-Indene, 2,3-di... | 10.97 | 2.3 ng/ul  | 1116720 | 2 | 10.67 | 9563640 | 20.0 |
| Bicyclo[4.2.0]oct... | 11.58 | 2.2 ng/ul  | 1050610 | 2 | 10.67 | 9563640 | 20.0 |
| Cyclohexane, 2-pr... | 12.80 | 2.3 ng/ul  | 929332  | 3 | 14.51 | 8047150 | 20.0 |
| (DEL) Alkane: Str... | 13.06 | 6.3 ng/ul  | 2514180 | 3 | 14.51 | 8047150 | 20.0 |
| Naphthalene, 2,7-... | 13.83 | 2.7 ng/ul  | 1076460 | 3 | 14.51 | 8047150 | 20.0 |
| (DEL) Alkane: Str... | 14.00 | 7.0 ng/ul  | 2826890 | 3 | 14.51 | 8047150 | 20.0 |
| (DEL) Alkane: Str... | 15.77 | 2.5 ng/ul  | 984278  | 3 | 14.51 | 8047150 | 20.0 |
| (DEL) Alkane: Str... | 16.25 | 4.3 ng/ul  | 1762430 | 4 | 17.25 | 8145600 | 20.0 |
| Benzoic acid, 2-h... | 17.78 | 2.6 ng/ul  | 1069170 | 4 | 17.25 | 8145600 | 20.0 |
| 4b,8-Dimethyl-2-i... | 18.87 | 3.4 ng/ul  | 1368070 | 4 | 17.25 | 8145600 | 20.0 |
| 10,18-Bisnorabiet... | 19.00 | 3.1 ng/ul  | 1279250 | 4 | 17.25 | 8145600 | 20.0 |
| 10,18-Bisnorabiet... | 19.36 | 11.4 ng/ul | 4103860 | 5 | 21.42 | 7215940 | 20.0 |

Instrument :

BNA\_M

ClientSampleId :

B-27(5-5.5)-100517