

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
 Data File : BM018047.D  
 Acq On : 11 Dec 2018 04:57  
 Operator : JU/SJ  
 Sample : J6077-17  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9Y37

## Integration Parameters: LSCINT.P

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

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.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         | 3.846       | 139           | 146         | 155          | rVV      | 117933         | 168447        | 4.08%           | 0.201%        |
| 2         | 5.028       | 341           | 347         | 354          | rVB      | 39313          | 61749         | 1.50%           | 0.074%        |
| 3         | 5.670       | 451           | 456         | 466          | rBV2     | 70195          | 131029        | 3.17%           | 0.156%        |
| 4         | 5.823       | 477           | 482         | 491          | rBV4     | 71189          | 154604        | 3.75%           | 0.184%        |
| 5         | 5.958       | 498           | 505         | 512          | rVB6     | 32679          | 76517         | 1.85%           | 0.091%        |
| 6         | 6.046       | 512           | 520         | 527          | rBV5     | 51124          | 94250         | 2.28%           | 0.112%        |
| 7         | 6.111       | 527           | 531         | 535          | rBV2     | 69090          | 117106        | 2.84%           | 0.139%        |
| 8         | 6.228       | 542           | 551         | 561          | rBV2     | 118585         | 226240        | 5.48%           | 0.269%        |
| 9         | 6.370       | 570           | 575         | 582          | rVB6     | 41327          | 74809         | 1.81%           | 0.089%        |
| 10        | 6.575       | 604           | 610         | 616          | rVB5     | 37033          | 73642         | 1.78%           | 0.088%        |
| 11        | 6.687       | 625           | 629         | 633          | rBV3     | 84755          | 149588        | 3.62%           | 0.178%        |
| 12        | 6.746       | 633           | 639         | 649          | rVV2     | 797792         | 1541802       | 37.35%          | 1.835%        |
| 13        | 6.828       | 649           | 653         | 656          | rVV      | 50863          | 73400         | 1.78%           | 0.087%        |
| 14        | 6.905       | 656           | 666         | 674          | rVB      | 719985         | 1342122       | 32.52%          | 1.598%        |
| 15        | 7.034       | 683           | 688         | 692          | rVV7     | 42263          | 97694         | 2.37%           | 0.116%        |
| 16        | 7.093       | 692           | 698         | 711          | rVB      | 960371         | 1723572       | 41.76%          | 2.052%        |
| 17        | 7.193       | 711           | 715         | 722          | rBV3     | 57876          | 110110        | 2.67%           | 0.131%        |
| 18        | 7.264       | 722           | 727         | 732          | rVB3     | 48376          | 85560         | 2.07%           | 0.102%        |
| 19        | 7.358       | 737           | 743         | 750          | rVB6     | 98454          | 233401        | 5.65%           | 0.278%        |
| 20        | 7.458       | 750           | 760         | 764          | rBV5     | 171006         | 423551        | 10.26%          | 0.504%        |
| 21        | 7.517       | 764           | 770         | 772          | rVV      | 158299         | 287913        | 6.98%           | 0.343%        |
| 22        | 7.552       | 772           | 776         | 782          | rVV      | 854709         | 1351723       | 32.75%          | 1.609%        |
| 23        | 7.611       | 782           | 786         | 790          | rVB5     | 96168          | 165506        | 4.01%           | 0.197%        |
| 24        | 7.705       | 790           | 802         | 809          | rBV4     | 189024         | 583445        | 14.14%          | 0.695%        |
| 25        | 7.764       | 809           | 812         | 814          | rBV3     | 55556          | 76084         | 1.84%           | 0.091%        |
| 26        | 7.793       | 814           | 817         | 827          | rVV5     | 88963          | 206004        | 4.99%           | 0.245%        |
| 27        | 7.881       | 828           | 832         | 837          | rVV6     | 73735          | 125374        | 3.04%           | 0.149%        |
| 28        | 7.969       | 844           | 847         | 855          | rVB5     | 69605          | 121232        | 2.94%           | 0.144%        |
| 29        | 8.081       | 856           | 866         | 872          | rBV3     | 174404         | 350282        | 8.49%           | 0.417%        |
| 30        | 8.193       | 882           | 885         | 888          | rBV4     | 42611          | 65628         | 1.59%           | 0.078%        |
| 31        | 8.264       | 891           | 897         | 904          | rVV      | 993195         | 1721498       | 41.71%          | 2.049%        |
| 32        | 8.405       | 916           | 921         | 924          | rVV3     | 96401          | 168839        | 4.09%           | 0.201%        |
| 33        | 8.434       | 924           | 926         | 930          | rVB3     | 85373          | 103210        | 2.50%           | 0.123%        |
| 34        | 8.511       | 933           | 939         | 946          | rVB5     | 116022         | 295133        | 7.15%           | 0.351%        |

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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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 8.622  | 946  | 958  | 967  | rBV4 | 349970  | 1146950 | 27.79% | 1.365% |
| 36 | 8.711  | 967  | 973  | 980  | rVB  | 846178  | 1487491 | 36.04% | 1.771% |
| 37 | 8.869  | 990  | 1000 | 1007 | rBV7 | 245558  | 841166  | 20.38% | 1.001% |
| 38 | 8.981  | 1007 | 1019 | 1026 | rBV7 | 148798  | 567990  | 13.76% | 0.676% |
| 39 | 9.052  | 1026 | 1031 | 1034 | rVV5 | 104431  | 174600  | 4.23%  | 0.208% |
| 40 | 9.105  | 1035 | 1040 | 1046 | rVV6 | 150425  | 364281  | 8.83%  | 0.434% |
| 41 | 9.169  | 1046 | 1051 | 1056 | rVV2 | 224443  | 407193  | 9.87%  | 0.485% |
| 42 | 9.234  | 1057 | 1062 | 1066 | rVV4 | 176374  | 326611  | 7.91%  | 0.389% |
| 43 | 9.287  | 1067 | 1071 | 1075 | rVB3 | 118619  | 176585  | 4.28%  | 0.210% |
| 44 | 9.352  | 1079 | 1082 | 1084 | rVV3 | 85712   | 107253  | 2.60%  | 0.128% |
| 45 | 9.422  | 1085 | 1094 | 1101 | rVB2 | 710095  | 1450482 | 35.14% | 1.727% |
| 46 | 9.493  | 1101 | 1106 | 1111 | rVB5 | 202541  | 368284  | 8.92%  | 0.438% |
| 47 | 9.552  | 1113 | 1116 | 1120 | rVB4 | 90552   | 122092  | 2.96%  | 0.145% |
| 48 | 9.599  | 1121 | 1124 | 1126 | rBV3 | 56087   | 76656   | 1.86%  | 0.091% |
| 49 | 9.634  | 1127 | 1130 | 1131 | rBV2 | 65102   | 70595   | 1.71%  | 0.084% |
| 50 | 9.763  | 1141 | 1152 | 1156 | rBV8 | 172920  | 487590  | 11.81% | 0.580% |
| 51 | 9.811  | 1157 | 1160 | 1165 | rVB4 | 108721  | 140749  | 3.41%  | 0.168% |
| 52 | 9.905  | 1170 | 1176 | 1179 | rBV4 | 241391  | 480499  | 11.64% | 0.572% |
| 53 | 9.952  | 1179 | 1184 | 1190 | rVB  | 900324  | 1498389 | 36.30% | 1.784% |
| 54 | 10.046 | 1196 | 1200 | 1204 | rVB3 | 283856  | 430367  | 10.43% | 0.512% |
| 55 | 10.093 | 1204 | 1208 | 1213 | rVB4 | 171226  | 256436  | 6.21%  | 0.305% |
| 56 | 10.322 | 1242 | 1247 | 1254 | rVB  | 1192506 | 2032898 | 49.25% | 2.420% |
| 57 | 10.387 | 1254 | 1258 | 1262 | rBV3 | 295062  | 447490  | 10.84% | 0.533% |
| 58 | 10.428 | 1262 | 1265 | 1268 | rVB3 | 151354  | 176305  | 4.27%  | 0.210% |
| 59 | 10.475 | 1268 | 1273 | 1280 | rBV2 | 1698316 | 2840645 | 68.82% | 3.382% |
| 60 | 10.599 | 1291 | 1294 | 1302 | rVB7 | 203806  | 352168  | 8.53%  | 0.419% |
| 61 | 10.710 | 1307 | 1313 | 1317 | rBV5 | 326499  | 650640  | 15.76% | 0.775% |
| 62 | 10.793 | 1322 | 1327 | 1333 | rVB  | 836774  | 1303194 | 31.57% | 1.551% |
| 63 | 10.975 | 1352 | 1358 | 1367 | rVB6 | 571057  | 1259861 | 30.52% | 1.500% |
| 64 | 11.063 | 1368 | 1373 | 1376 | rBV4 | 234405  | 460186  | 11.15% | 0.548% |
| 65 | 11.163 | 1381 | 1390 | 1394 | rBV6 | 420709  | 1282402 | 31.07% | 1.527% |
| 66 | 11.357 | 1417 | 1423 | 1428 | rBV3 | 789427  | 1616249 | 39.16% | 1.924% |
| 67 | 11.493 | 1442 | 1446 | 1451 | rBV2 | 452912  | 729871  | 17.68% | 0.869% |
| 68 | 11.593 | 1456 | 1463 | 1468 | rBV3 | 1115862 | 2026654 | 49.10% | 2.413% |
| 69 | 12.052 | 1536 | 1541 | 1543 | rBV5 | 427896  | 680690  | 16.49% | 0.810% |
| 70 | 12.152 | 1554 | 1558 | 1561 | rBV3 | 572644  | 847012  | 20.52% | 1.008% |
| 71 | 12.381 | 1593 | 1597 | 1601 | rBV5 | 368608  | 634204  | 15.37% | 0.755% |

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 Peak Location: TOP

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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 12.463 | 1607 | 1611 | 1617 | rVB7 | 297020  | 659815  | 15.99%  | 0.785% |
| 73  | 12.528 | 1618 | 1622 | 1626 | rVV6 | 269480  | 418627  | 10.14%  | 0.498% |
| 74  | 12.610 | 1633 | 1636 | 1643 | rVB7 | 411888  | 689990  | 16.72%  | 0.821% |
| 75  | 12.681 | 1644 | 1648 | 1649 | rBV3 | 218345  | 302400  | 7.33%   | 0.360% |
| 76  | 12.993 | 1696 | 1701 | 1705 | rBV2 | 877449  | 1244802 | 30.16%  | 1.482% |
| 77  | 13.040 | 1706 | 1709 | 1713 | rVB2 | 288810  | 362404  | 8.78%   | 0.431% |
| 78  | 13.110 | 1718 | 1721 | 1726 | rVB2 | 497202  | 688299  | 16.68%  | 0.819% |
| 79  | 13.451 | 1776 | 1779 | 1784 | rBV6 | 215506  | 409511  | 9.92%   | 0.488% |
| 80  | 13.534 | 1790 | 1793 | 1798 | rBV4 | 200304  | 315837  | 7.65%   | 0.376% |
| 81  | 13.628 | 1804 | 1809 | 1813 | rVB  | 1744415 | 2641980 | 64.01%  | 3.145% |
| 82  | 13.675 | 1814 | 1817 | 1822 | rVB4 | 423783  | 694786  | 16.83%  | 0.827% |
| 83  | 13.893 | 1850 | 1854 | 1860 | rVB  | 2124953 | 2895326 | 70.15%  | 3.447% |
| 84  | 14.204 | 1903 | 1907 | 1916 | rVB2 | 1895099 | 3066391 | 74.29%  | 3.650% |
| 85  | 14.446 | 1945 | 1948 | 1954 | rVB2 | 415365  | 659369  | 15.97%  | 0.785% |
| 86  | 15.204 | 2072 | 2077 | 2082 | rBV  | 2602842 | 3767195 | 91.27%  | 4.485% |
| 87  | 15.351 | 2098 | 2102 | 2108 | rVB2 | 463413  | 725433  | 17.58%  | 0.864% |
| 88  | 15.804 | 2177 | 2179 | 2184 | rVB2 | 353601  | 476411  | 11.54%  | 0.567% |
| 89  | 16.304 | 2261 | 2264 | 2269 | rVB4 | 294976  | 418929  | 10.15%  | 0.499% |
| 90  | 16.963 | 2371 | 2376 | 2383 | rVB  | 2013037 | 2799356 | 67.82%  | 3.333% |
| 91  | 17.063 | 2388 | 2393 | 2400 | rVB  | 2942680 | 4127571 | 100.00% | 4.914% |
| 92  | 17.869 | 2526 | 2530 | 2540 | rVB  | 445968  | 710493  | 17.21%  | 0.846% |
| 93  | 19.163 | 2747 | 2750 | 2757 | rBV  | 231645  | 319118  | 7.73%   | 0.380% |
| 94  | 19.310 | 2771 | 2775 | 2780 | rBV  | 1589615 | 1826683 | 44.26%  | 2.175% |
| 95  | 19.369 | 2780 | 2785 | 2792 | rVB2 | 2945966 | 3856380 | 93.43%  | 4.591% |
| 96  | 20.369 | 2951 | 2955 | 2960 | rBV  | 1145625 | 1208990 | 29.29%  | 1.439% |
| 97  | 20.898 | 3042 | 3045 | 3049 | rVB  | 177703  | 217519  | 5.27%   | 0.259% |
| 98  | 21.174 | 3087 | 3092 | 3098 | rBV  | 1708114 | 2201516 | 53.34%  | 2.621% |
| 99  | 23.216 | 3433 | 3439 | 3449 | rVB  | 1722257 | 3294509 | 79.82%  | 3.922% |
| 100 | 23.351 | 3457 | 3462 | 3471 | rVB2 | 1110728 | 2096386 | 50.79%  | 2.496% |

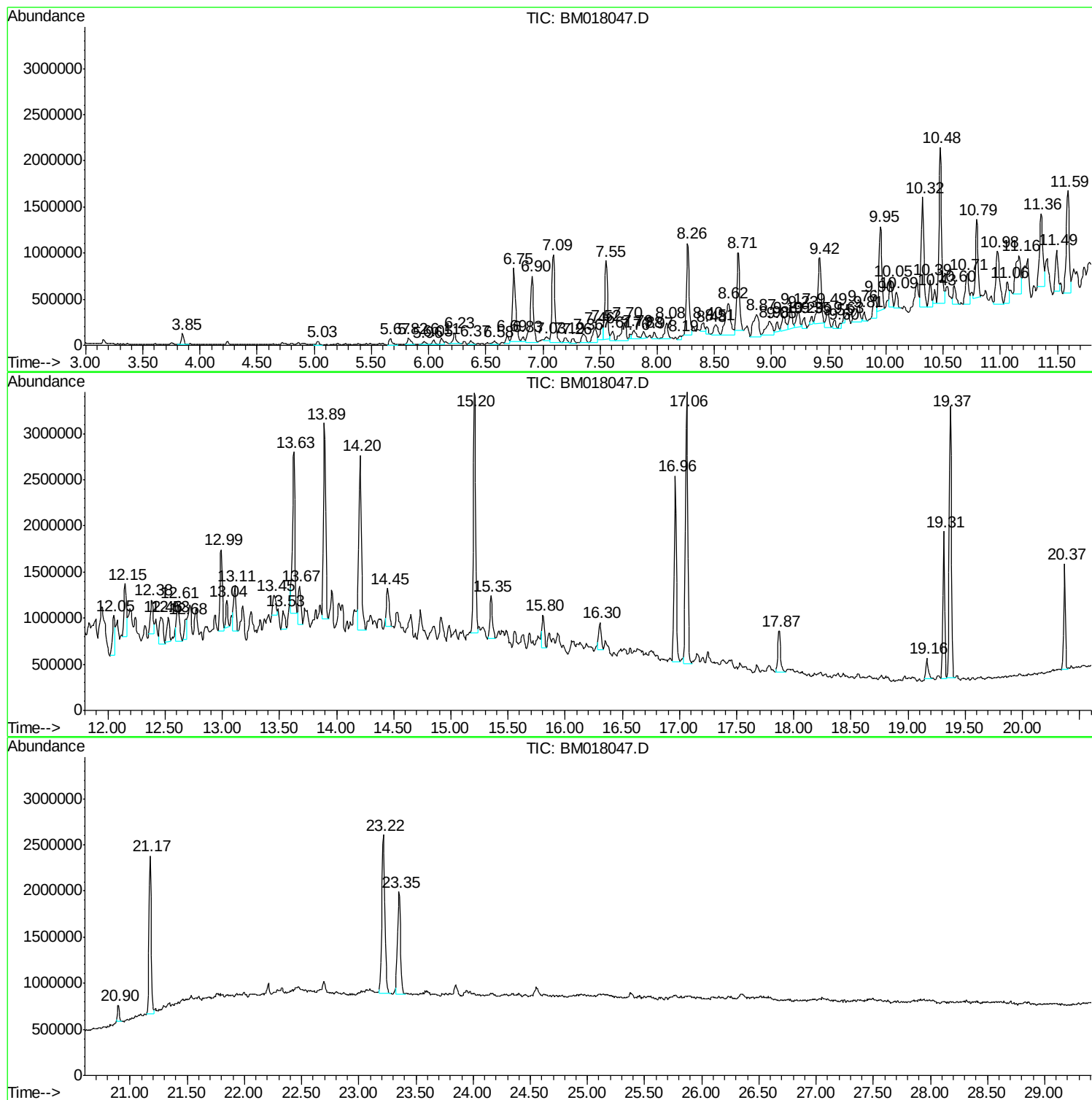
Sum of corrected areas: 83999818

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

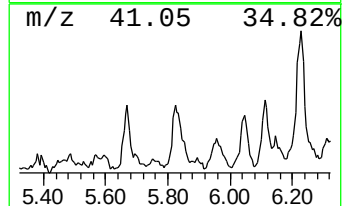
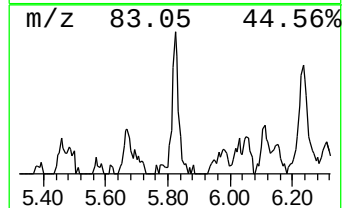
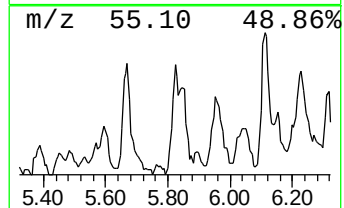
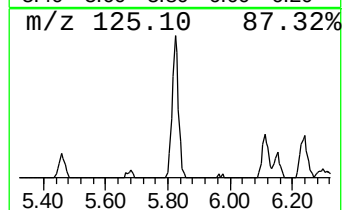
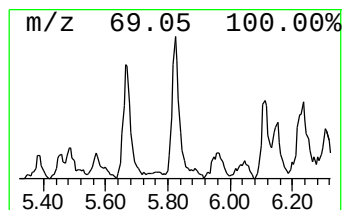
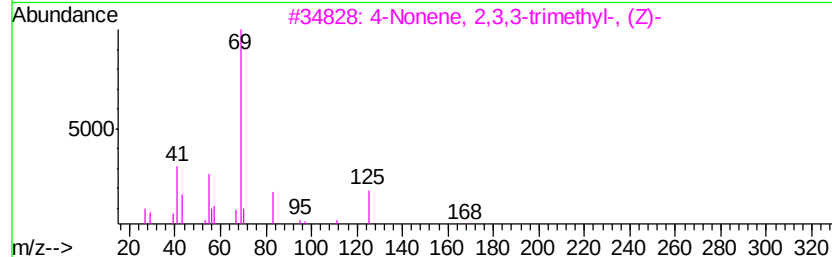
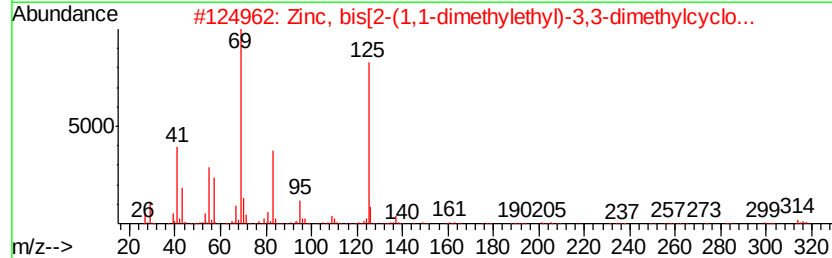
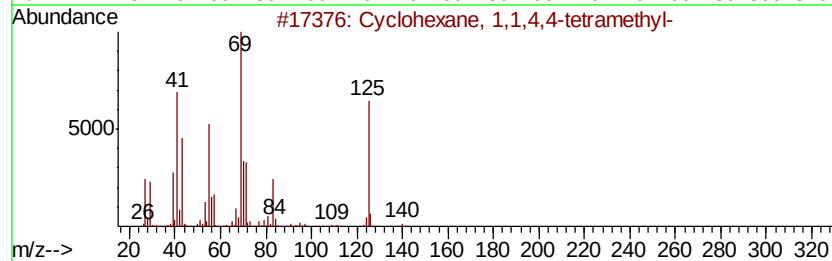
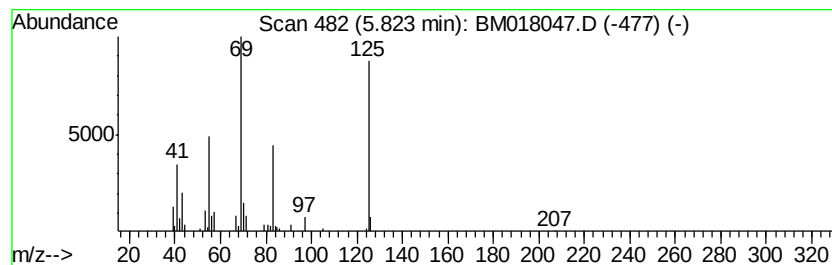
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Cyclic5.82 Concentration Rank 47

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 5.82 | 2.29 ng/ul | 154604 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Cyclohexane, 1,1,4,4-tetramethyl-   | 140 | C10H20   | 002223-52-1 | 72   |
| 2    |    | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 | C18H34Zn | 074793-36-5 | 64   |
| 3    |    | 4-Nonene, 2,3,3-trimethyl-, (Z)-    | 168 | C12H24   | 063830-68-2 | 64   |
| 4    |    | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20   | 050876-32-9 | 64   |
| 5    |    | Cyclohexane, 2,4-diethyl-1-methyl-  | 154 | C11H22   | 061142-70-9 | 59   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

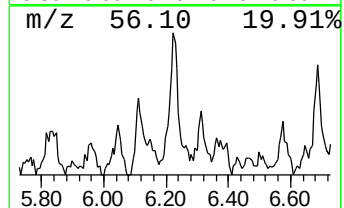
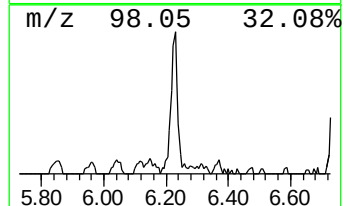
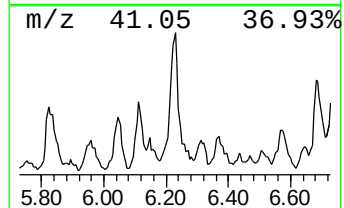
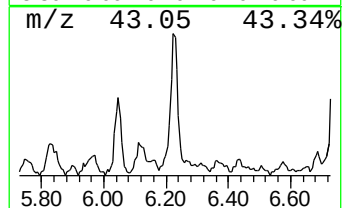
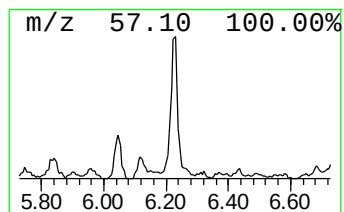
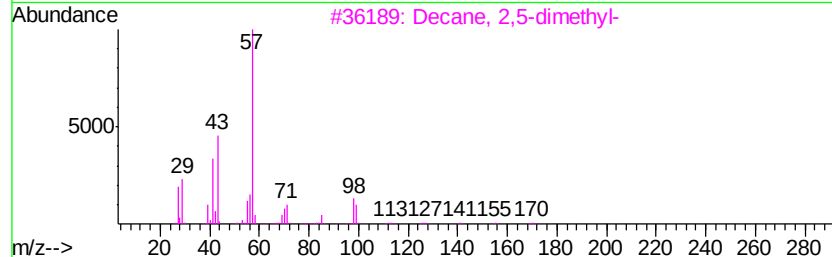
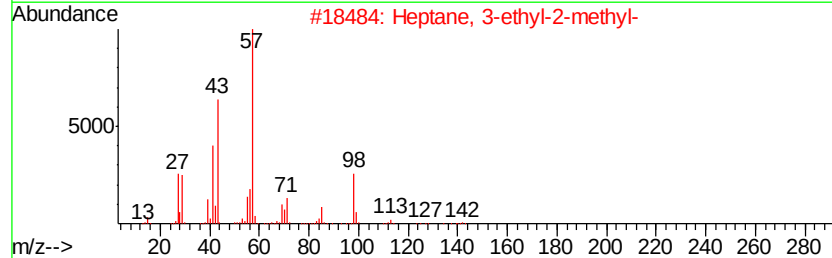
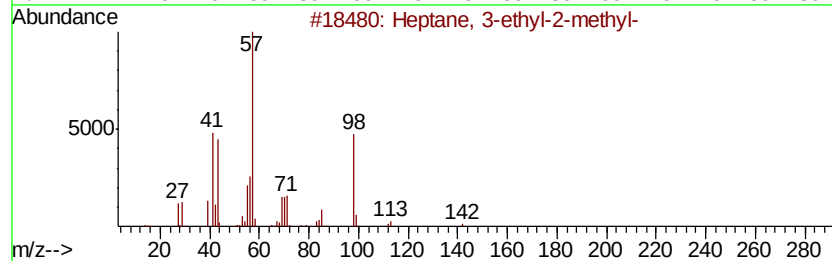
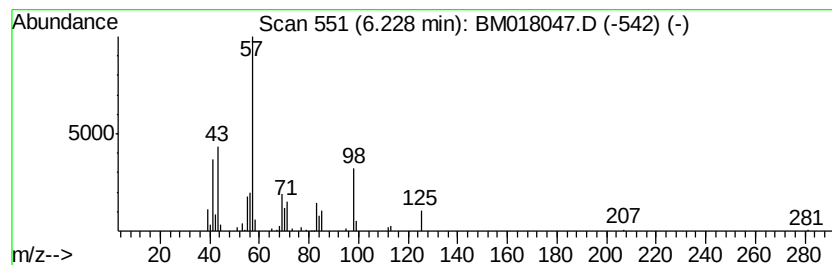
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.23 | 3.35 ng/ul | 226240 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane, 3-ethyl-2-methyl- | 142 | C10H22  | 014676-29-0 | 64   |
| 2    |    | Heptane, 3-ethyl-2-methyl- | 142 | C10H22  | 014676-29-0 | 64   |
| 3    |    | Decane, 2,5-dimethyl-      | 170 | C12H26  | 017312-50-4 | 50   |
| 4    |    | Decane, 2,5,6-trimethyl-   | 184 | C13H28  | 062108-23-0 | 50   |
| 5    |    | Heptane, 3-ethyl-2-methyl- | 142 | C10H22  | 014676-29-0 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

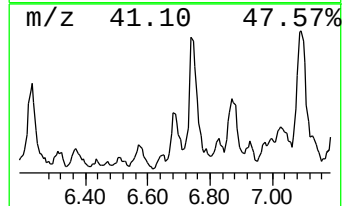
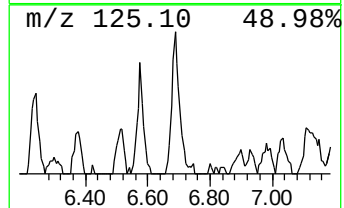
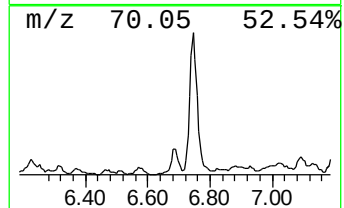
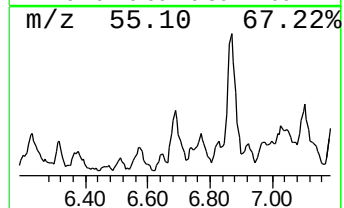
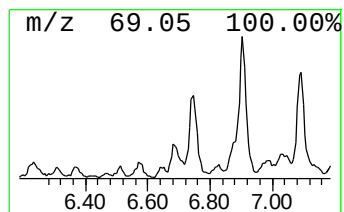
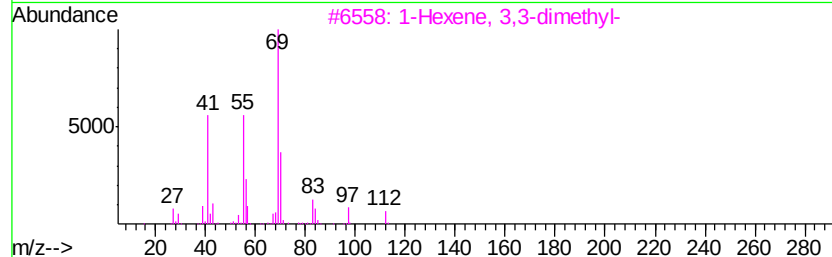
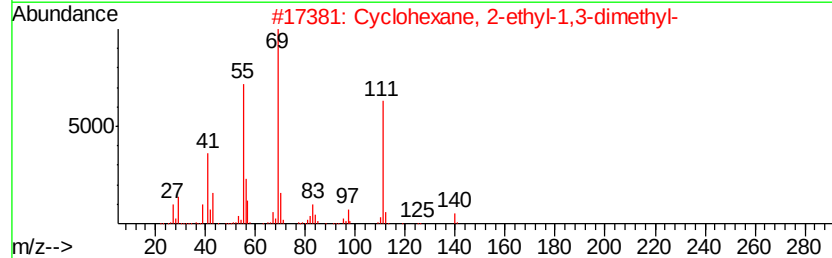
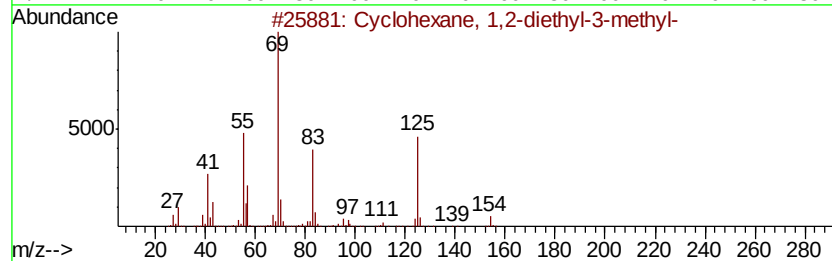
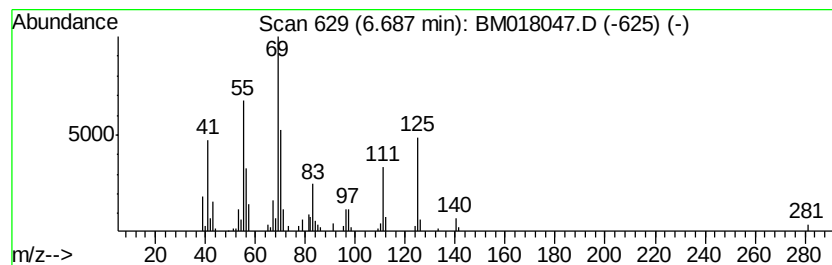
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Cyclic6.69 Concentration Rank 48

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.69 | 2.21 ng/ul | 149588 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1,2-diethyl-3-methyl- | 154 | C11H22  | 061141-80-8 | 50   |
| 2    |    | Cyclohexane, 2-ethyl-1,3-dimethyl- | 140 | C10H20  | 007045-67-2 | 46   |
| 3    |    | 1-Hexene, 3,3-dimethyl-            | 112 | C8H16   | 003404-77-1 | 46   |
| 4    |    | Heptane, 4-methylene-              | 112 | C8H16   | 015918-08-8 | 43   |
| 5    |    | Cyclohexane, 1,1,2,3-tetramethyl-  | 140 | C10H20  | 006783-92-2 | 43   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

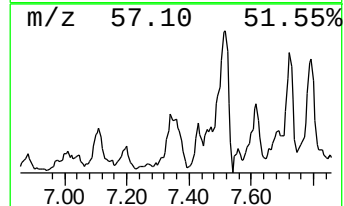
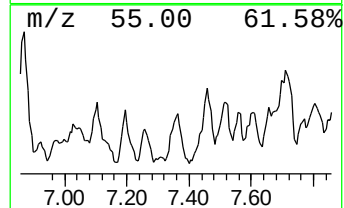
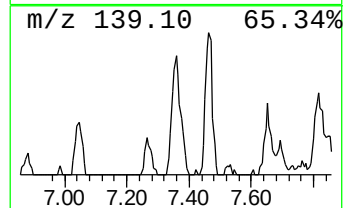
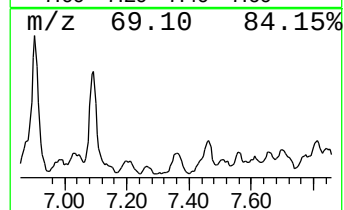
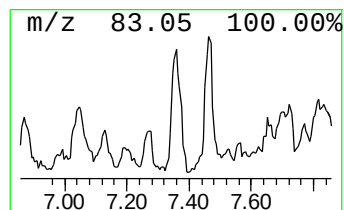
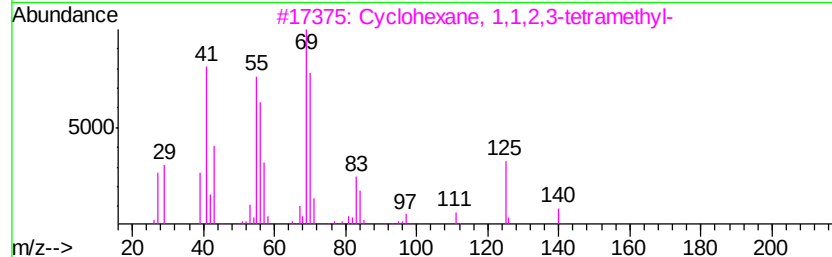
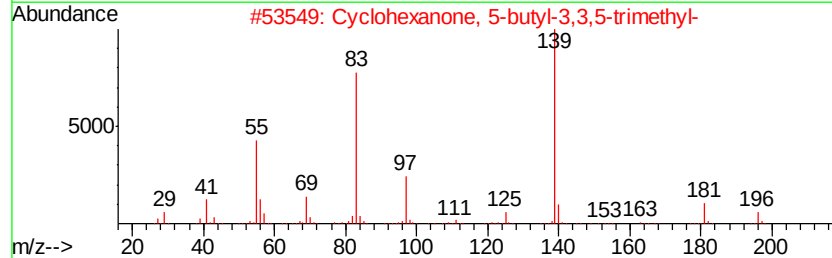
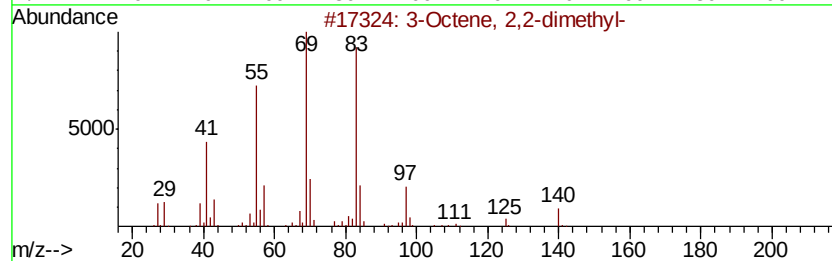
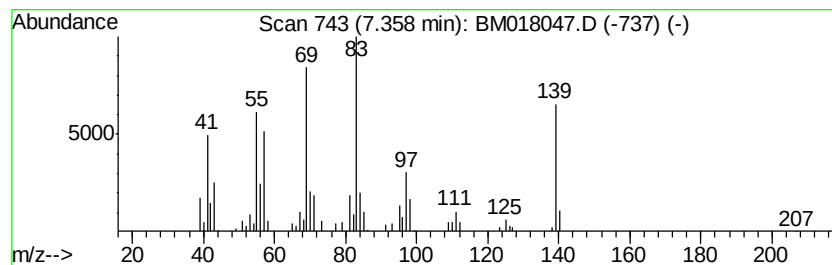
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Cyclic7.36 Concentration Rank 33

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.36 | 3.45 ng/ul | 233401 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Octene, 2,2-dimethyl-             | 140 | C10H20  | 086869-76-3 | 58   |
| 2    |    | Cyclohexanone, 5-butyl-3,3,5-tri... | 196 | C13H24O | 041601-84-7 | 47   |
| 3    |    | Cyclohexane, 1,1,2,3-tetramethyl-   | 140 | C10H20  | 006783-92-2 | 43   |
| 4    |    | Pentane, 3-methylene-               | 84  | C6H12   | 000760-21-4 | 30   |
| 5    |    | Cyclohexane, methyl-                | 98  | C7H14   | 000108-87-2 | 25   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

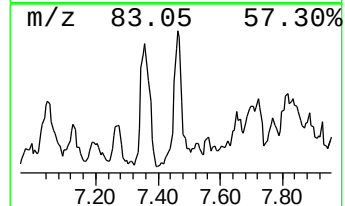
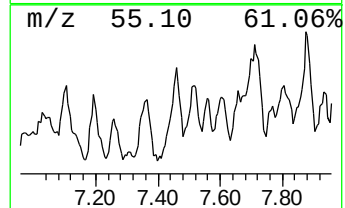
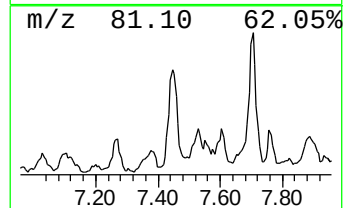
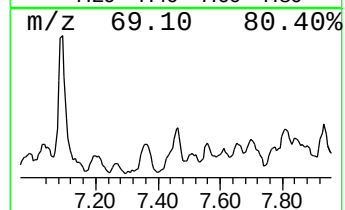
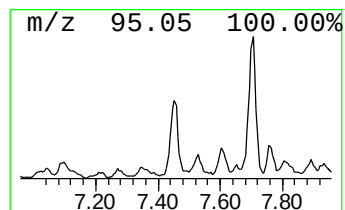
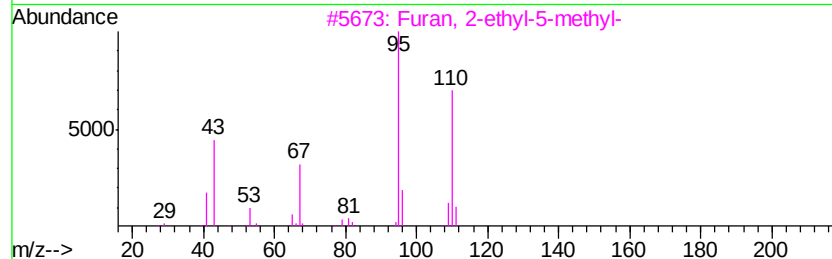
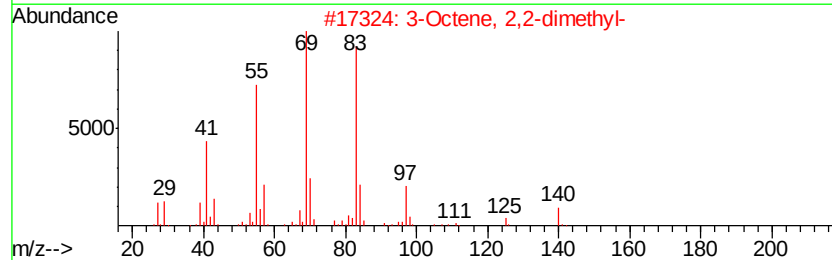
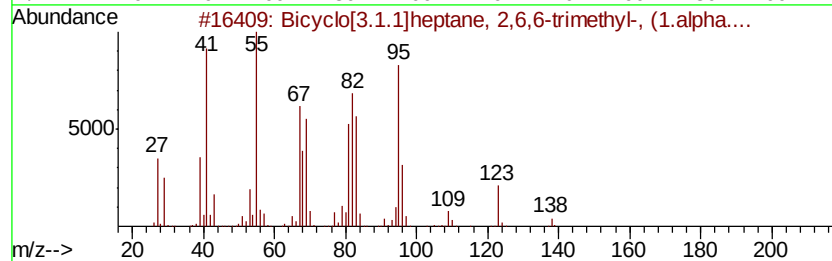
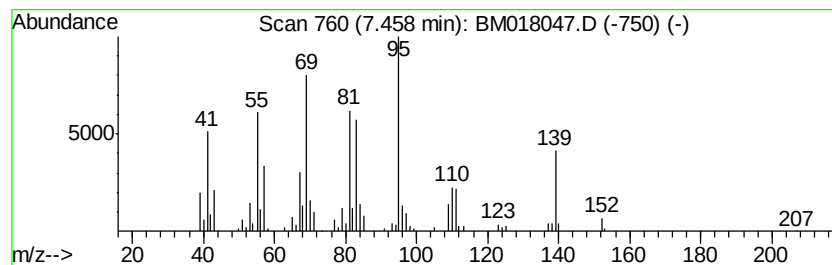
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown-01 Concentration Rank 16

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.46 | 6.27 ng/ul | 423551 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18  | 006876-13-7 | 38   |
| 2    |    | 3-Octene, 2,2-dimethyl-             | 140 | C10H20  | 086869-76-3 | 27   |
| 3    |    | Furan, 2-ethyl-5-methyl-            | 110 | C7H10O  | 001703-52-2 | 25   |
| 4    |    | 1,3-Dimethyl-1-cyclohexene          | 110 | C8H14   | 002808-76-6 | 25   |
| 5    |    | 1,4-Pentadiene, 2,3,3-trimethyl-    | 110 | C8H14   | 000756-02-5 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

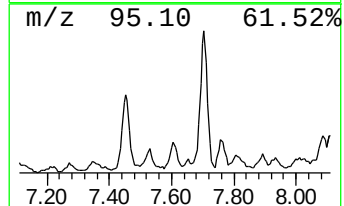
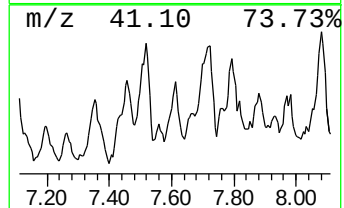
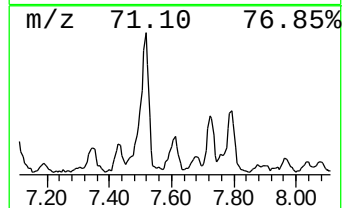
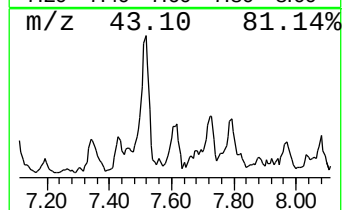
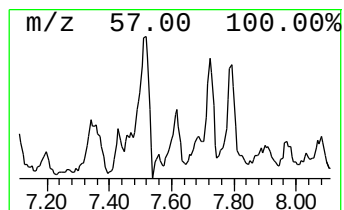
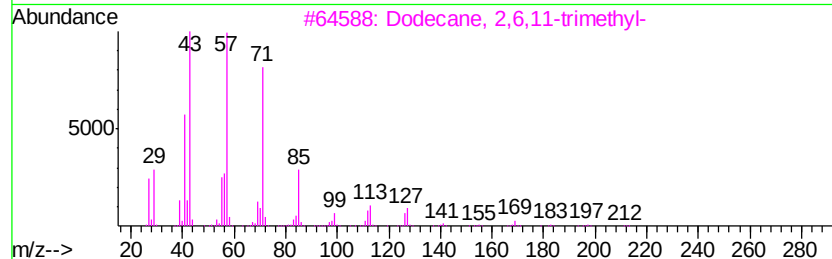
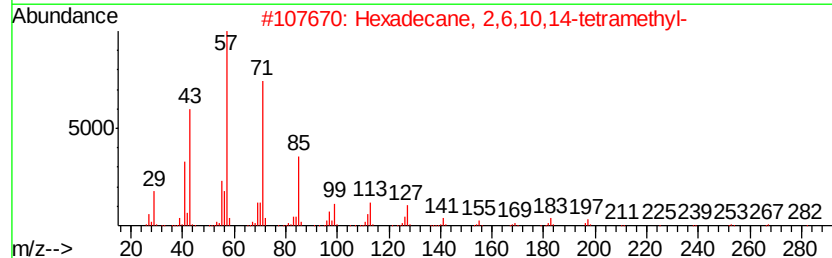
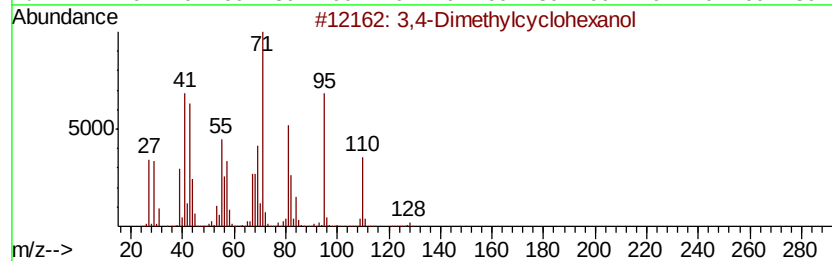
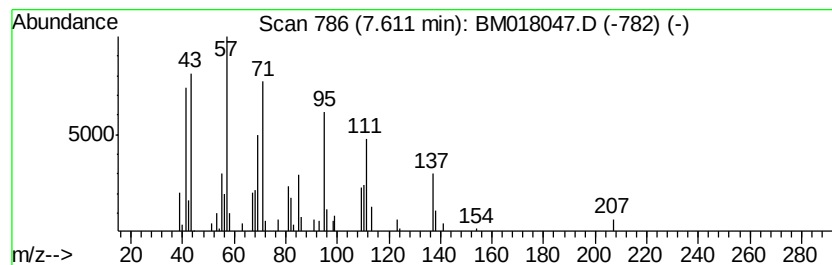
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown-02 Concentration Rank 45

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.61 | 2.45 ng/ul | 165506 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3,4-Dimethylcyclohexanol           | 128 | C8H16O  | 005715-23-1 | 43   |
| 2    |    | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 27   |
| 3    |    | Dodecane, 2,6,11-trimethyl-        | 212 | C15H32  | 031295-56-4 | 27   |
| 4    |    | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 27   |
| 5    |    | Undecane, 2-methyl-                | 170 | C12H26  | 007045-71-8 | 22   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

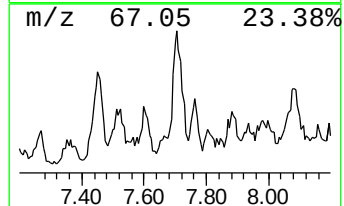
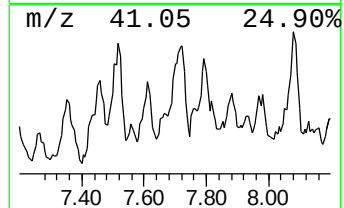
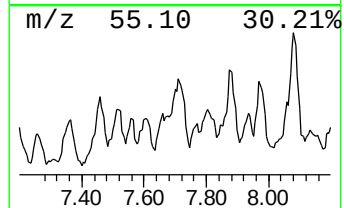
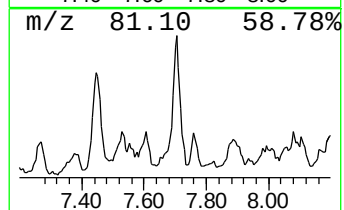
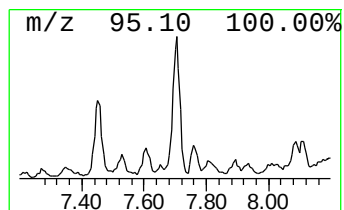
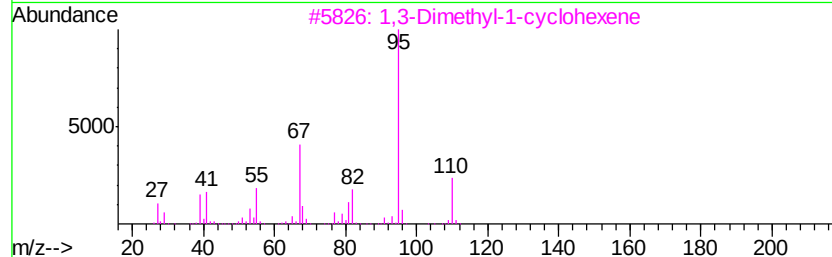
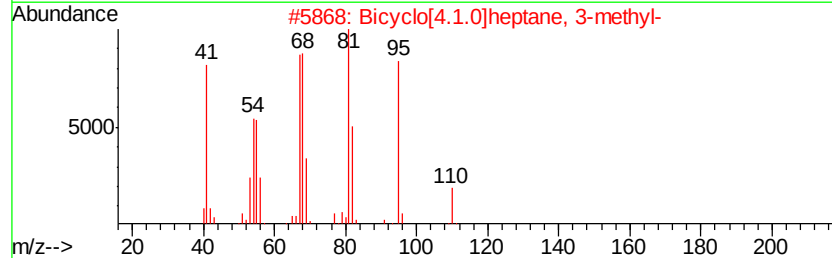
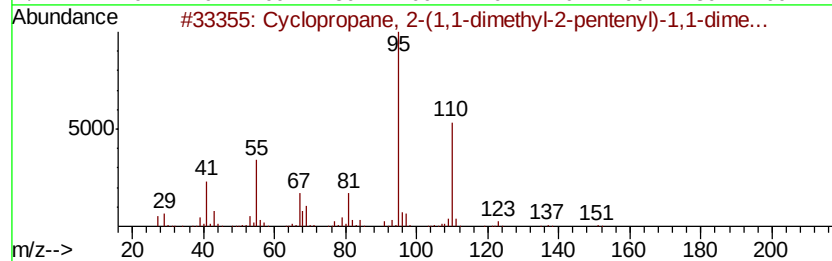
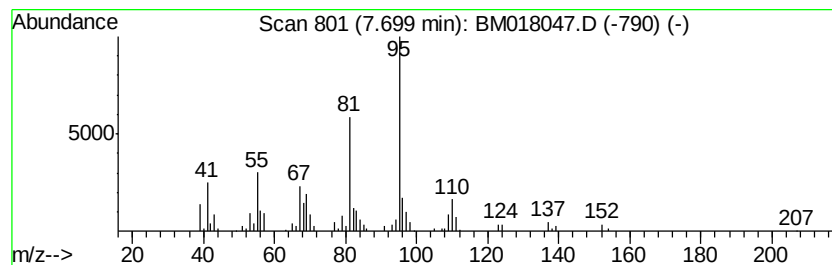
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Cyclopropane, 2-(1,1-dimeth... Concentration Rank 10

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.70 | 8.63 ng/ul | 583445 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Cyclopropane, 2-(1,1-dimethyl-2-... | 166 | C12H22   | 074663-76-6  | 64   |
| 2    |    | Bicyclo[4.1.0]heptane, 3-methyl-    | 110 | C8H14    | 041977-47-3  | 50   |
| 3    |    | 1,3-Dimethyl-1-cyclohexene          | 110 | C8H14    | 002808-76-6  | 38   |
| 4    |    | 2-Furancarboxylic acid, 2-ethylc... | 222 | C13H18O3 | 1000278-83-7 | 27   |
| 5    |    | Cyclohexene, 4-methyl-1-(1-methy... | 138 | C10H18   | 000500-00-5  | 27   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

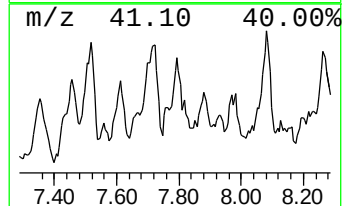
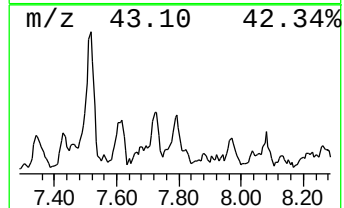
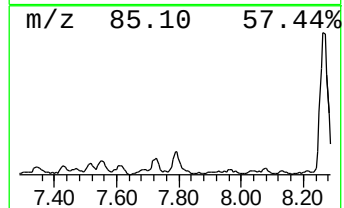
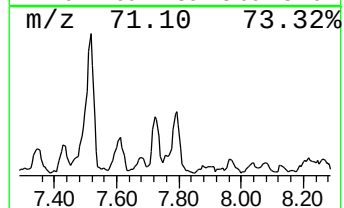
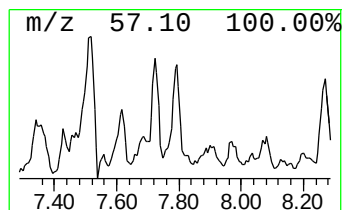
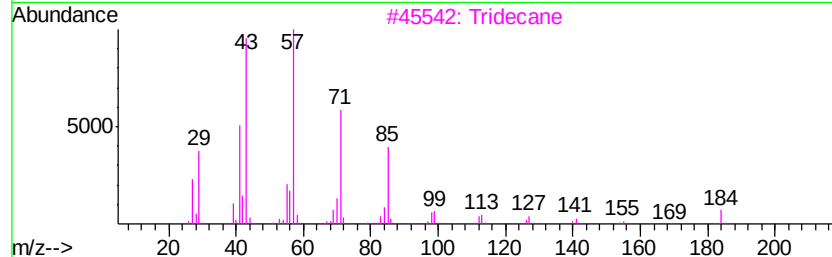
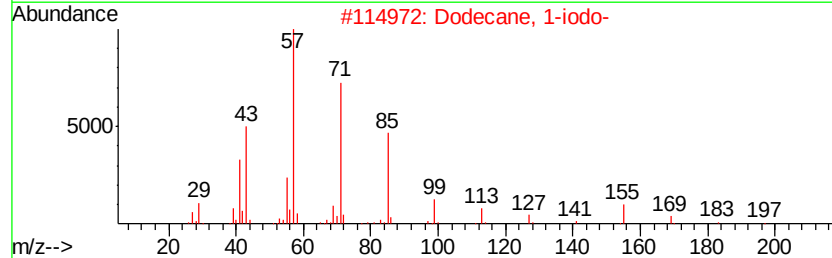
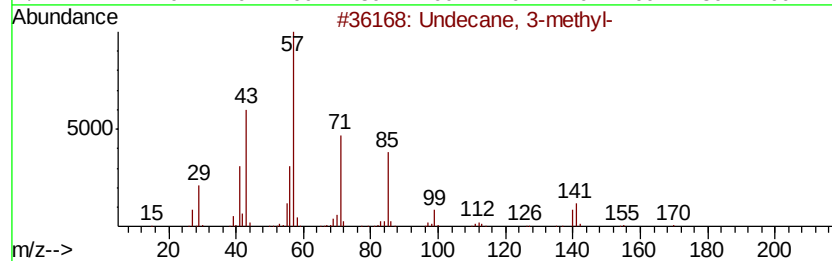
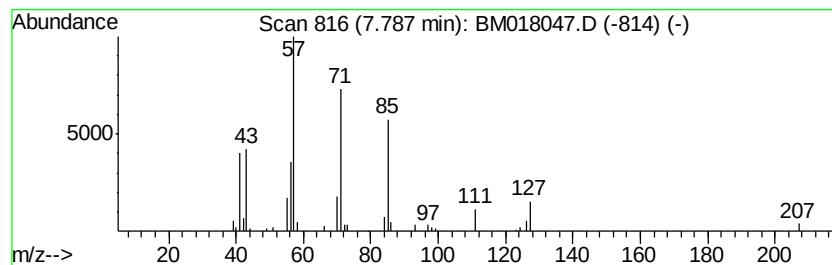
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.79 | 3.05 ng/ul | 206004 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 3-methyl-      | 170 | C12H26  | 001002-43-3 | 64   |
| 2    |    |   | Dodecane, 1-iodo-        | 296 | C12H25I | 004292-19-7 | 50   |
| 3    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 50   |
| 4    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 47   |
| 5    |    |   | Nonane, 3,7-dimethyl-    | 156 | C11H24  | 017302-32-8 | 45   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

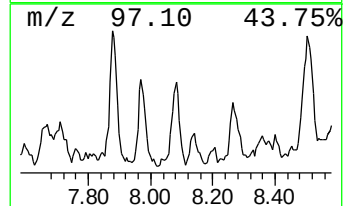
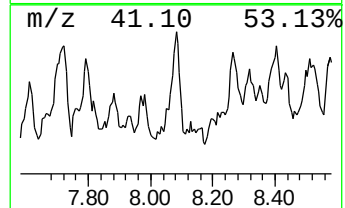
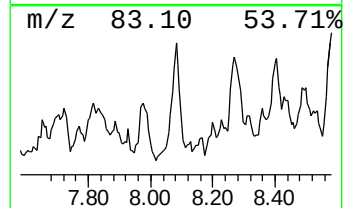
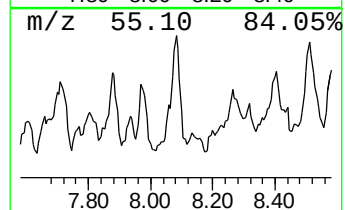
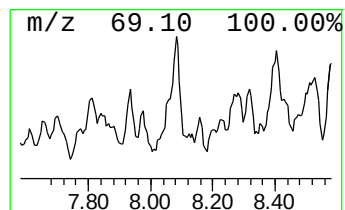
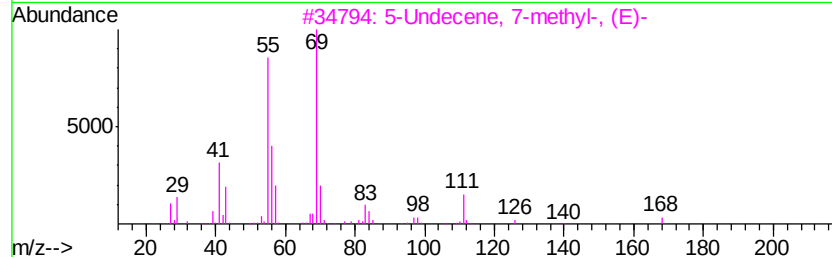
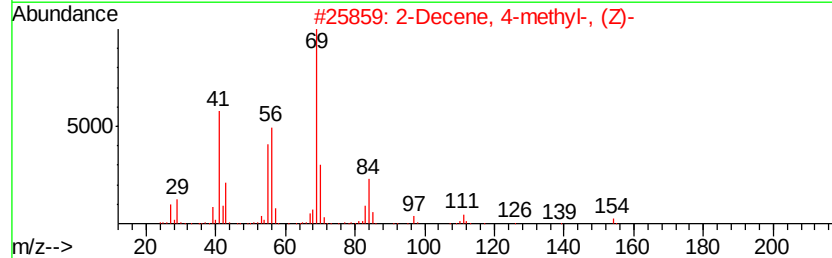
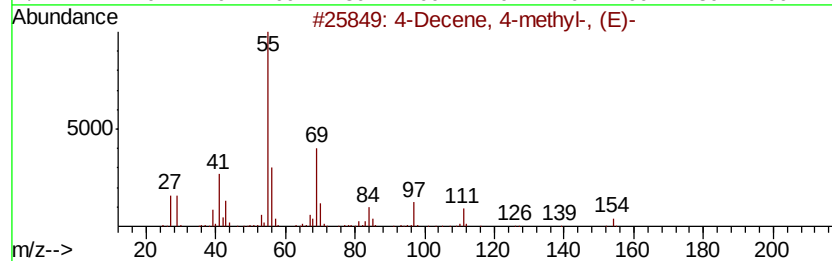
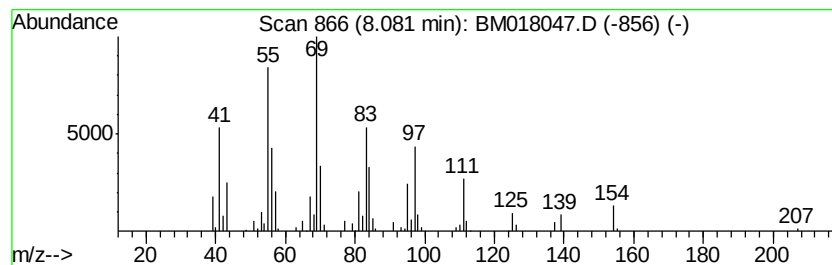
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Cyclic8.08 Concentration Rank 18

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.08 | 5.18 ng/ul | 350282 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | 4-Decene, 4-methyl-, (E)-     | 154 | C11H22  | 060366-66-7 | 60   |
| 2    |    | 2-Decene, 4-methyl-, (Z)-     | 154 | C11H22  | 074630-30-1 | 52   |
| 3    |    | 5-Undecene, 7-methyl-, (E)-   | 168 | C12H24  | 074630-66-3 | 47   |
| 4    |    | 5-Undecene, 7-methyl-, (Z)-   | 168 | C12H24  | 074630-62-9 | 47   |
| 5    |    | Nonane, 2-methyl-3-methylene- | 154 | C11H22  | 055499-08-6 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

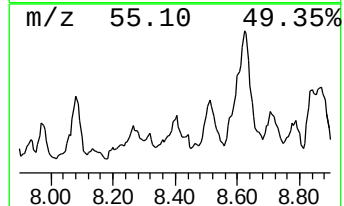
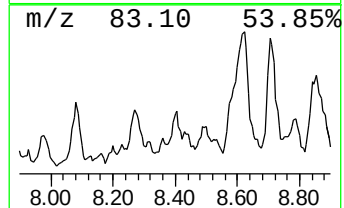
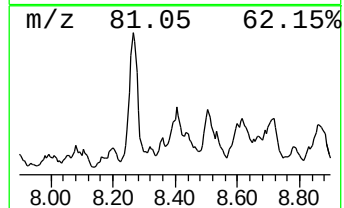
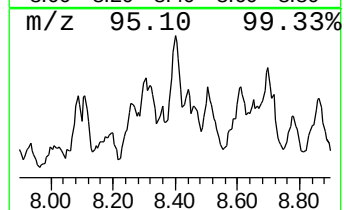
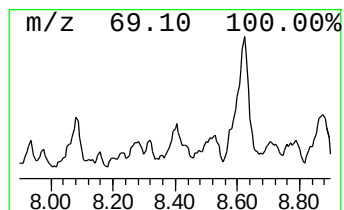
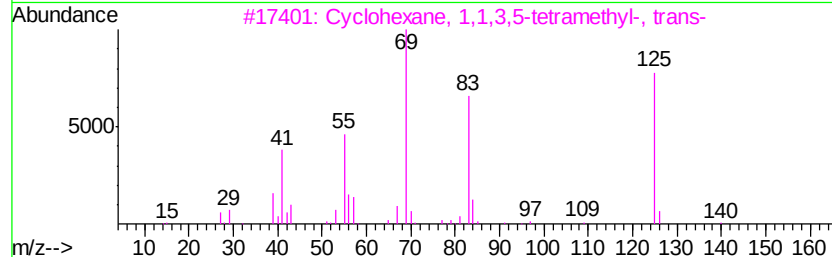
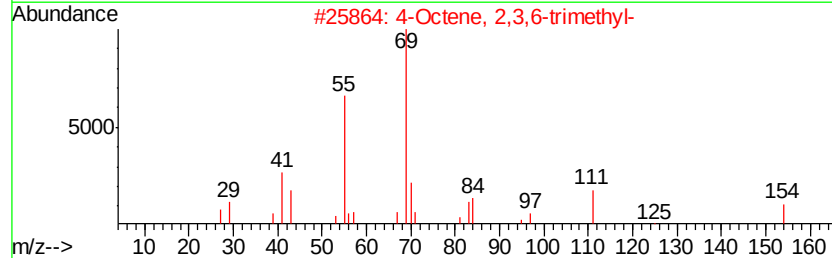
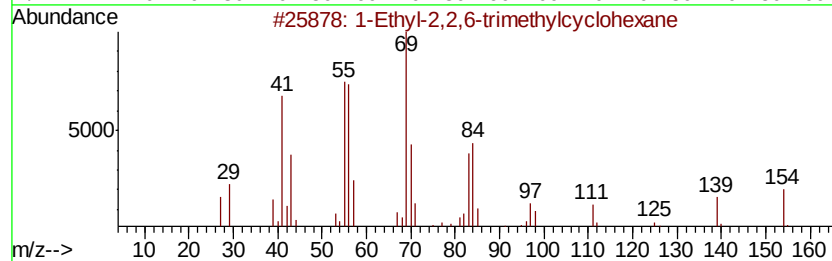
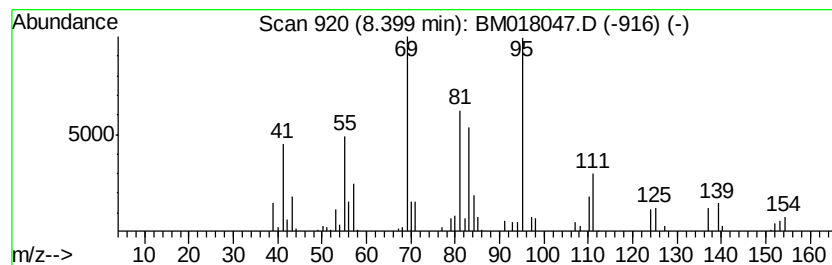
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ClientSampleId :  
F9Y37

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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 unknown-03 Concentration Rank 43

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 8.40      | 2.50 ng/ul                          | 168839 | 1,4-Dichlorobenzene-d4 | 7.55        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | 1-Ethyl-2,2,6-trimethylcyclohexane  | 154    | C11H22                 | 071186-27-1 | 27   |
| 2         | 4-Octene, 2,3,6-trimethyl-          | 154    | C11H22                 | 063830-65-9 | 18   |
| 3         | Cyclohexane, 1,1,3,5-tetramethyl... | 140    | C10H20                 | 050876-31-8 | 16   |
| 4         | Isotridecanol-                      | 200    | C13H28O                | 027458-92-0 | 16   |
| 5         | Imidazole, 5-[2-(aminocarbonyl)e... | 139    | C6H9N3O                | 040160-23-4 | 14   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

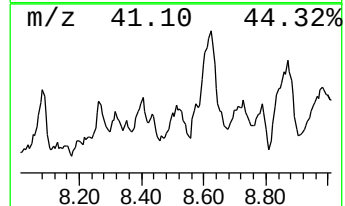
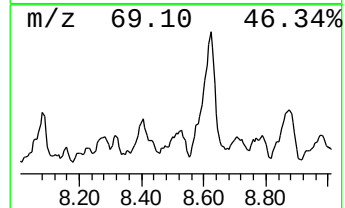
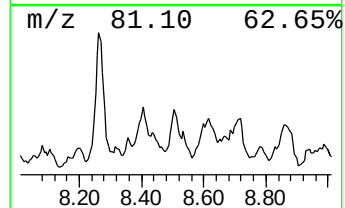
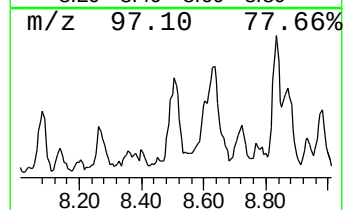
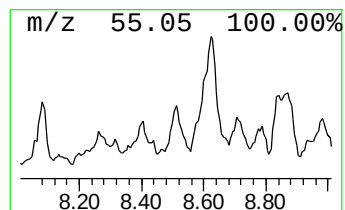
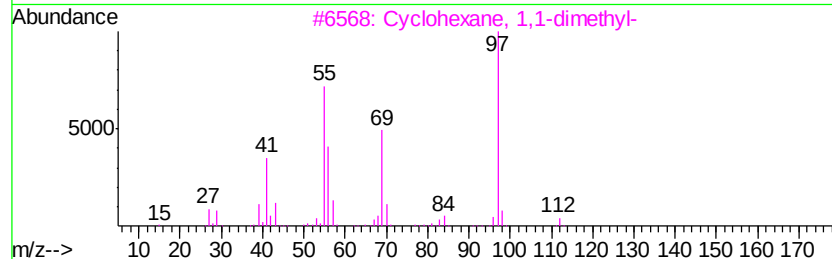
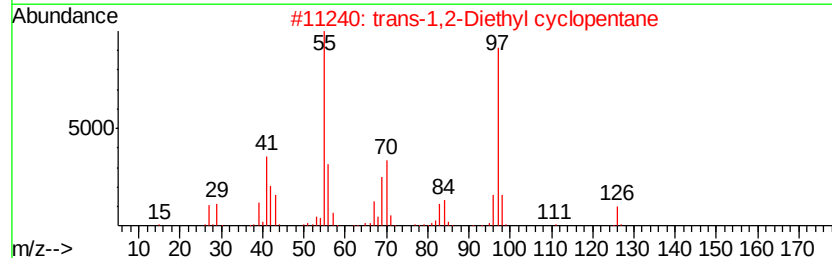
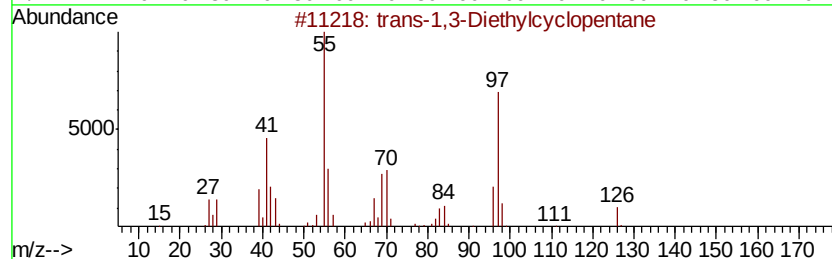
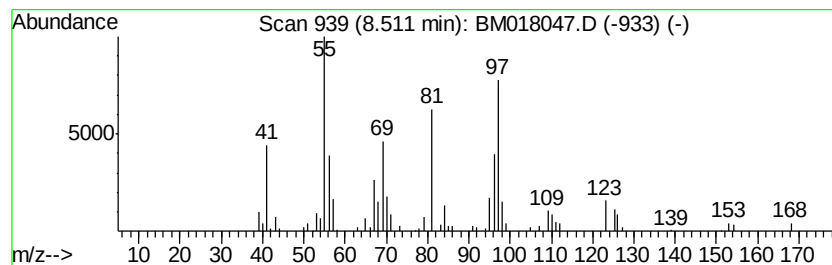
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 trans-1,3-Diethylcyclopentane Concentration Rank 25

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.51 | 4.37 ng/ul | 295133 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------------------|-----|---------|--------------|------|
| 1    | 5  | trans-1,3-Diethylcyclopentane  | 126 | C9H18   | 1000113-87-1 | 53   |
| 2    |    | trans-1,2-Diethyl cyclopentane | 126 | C9H18   | 000932-40-1  | 52   |
| 3    |    | Cyclohexane, 1,1-dimethyl-     | 112 | C8H16   | 000590-66-9  | 43   |
| 4    |    | Cyclohexane, 1,1-dimethyl-     | 112 | C8H16   | 000590-66-9  | 43   |
| 5    |    | Cyclohexane, 1,1-dimethyl-     | 112 | C8H16   | 000590-66-9  | 43   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

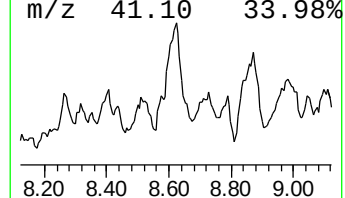
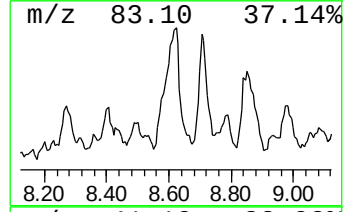
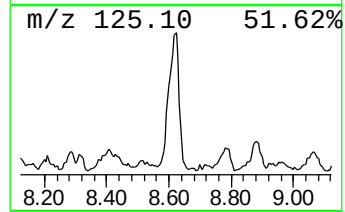
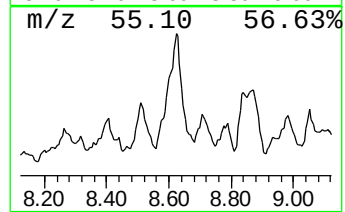
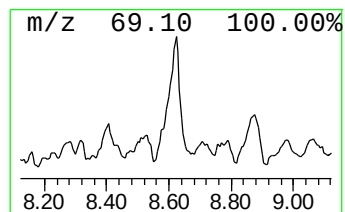
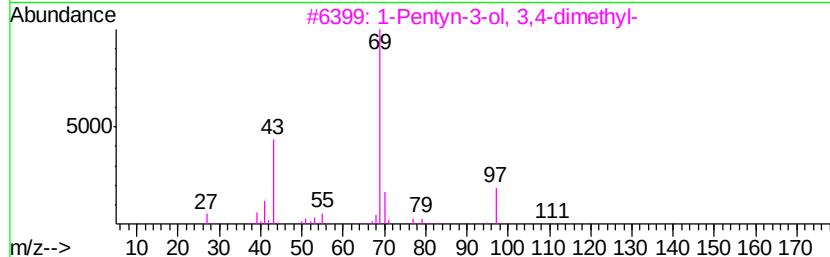
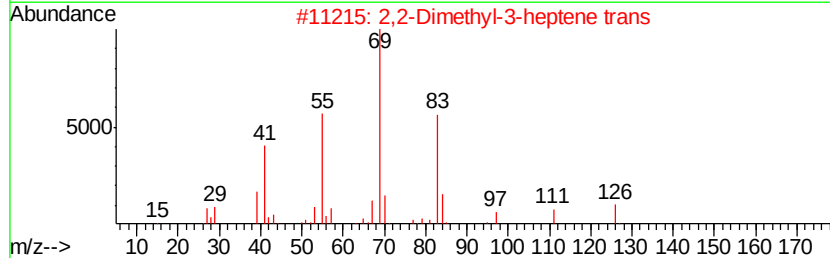
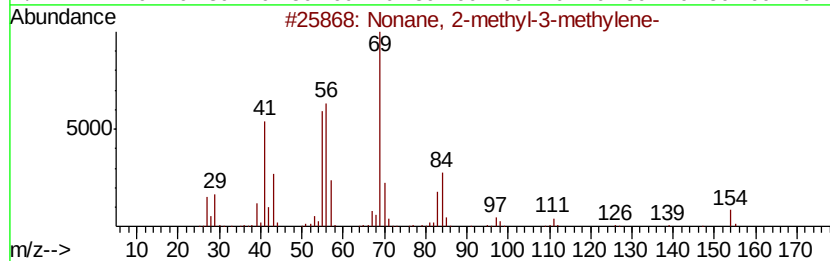
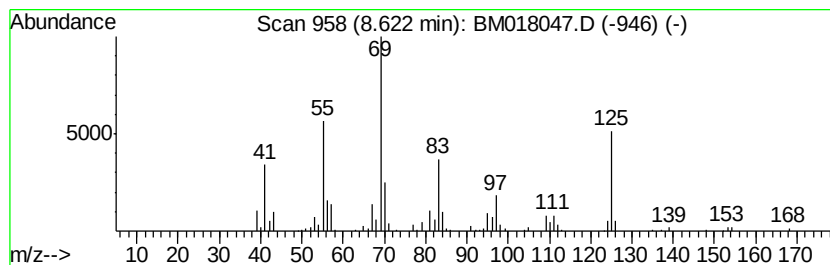
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 8.62 | 16.97 ng/ul | 1146950 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonane, 2-methyl-3-methylene-    | 154 | C11H22  | 055499-08-6 | 47   |
| 2    |    | 2,2-Dimethyl-3-heptene trans     | 126 | C9H18   | 019550-75-5 | 47   |
| 3    |    | 1-Pentyn-3-ol, 3,4-dimethyl-     | 112 | C7H12O  | 001482-15-1 | 43   |
| 4    |    | 2,6-Octadien-1-ol, 3,7-dimethyl- | 154 | C10H18O | 000624-15-7 | 38   |
| 5    |    | 3-Ethyl-4-octene                 | 140 | C10H20  | 019781-32-9 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

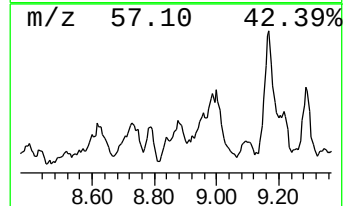
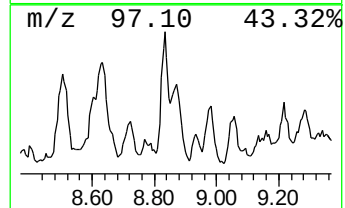
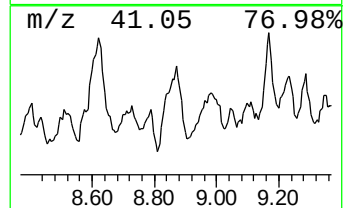
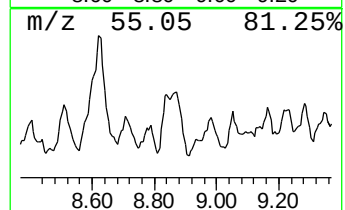
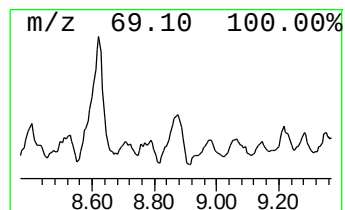
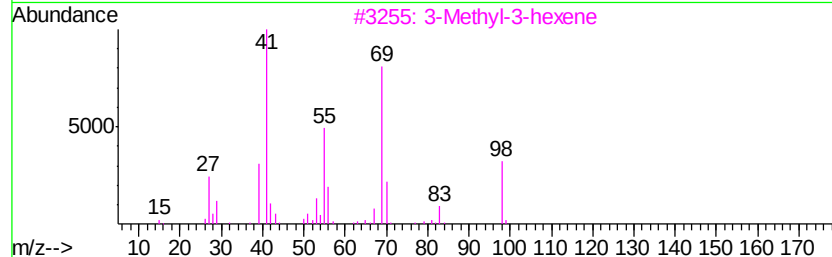
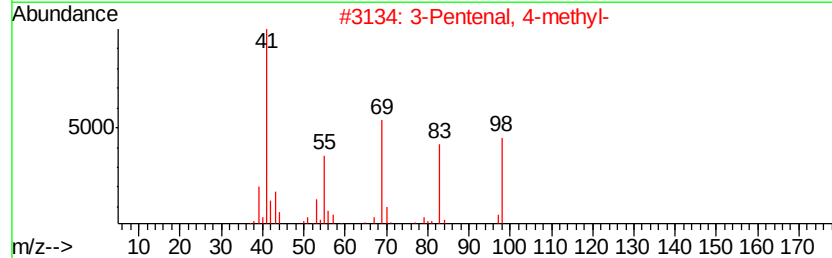
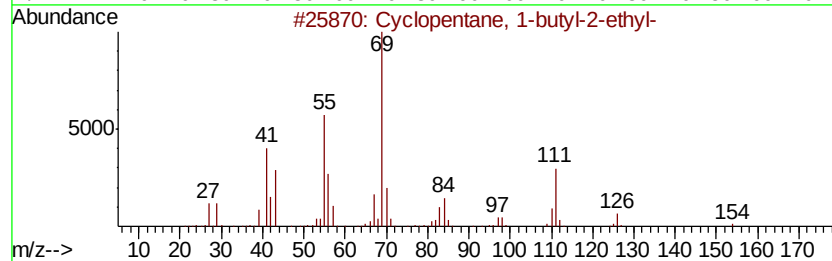
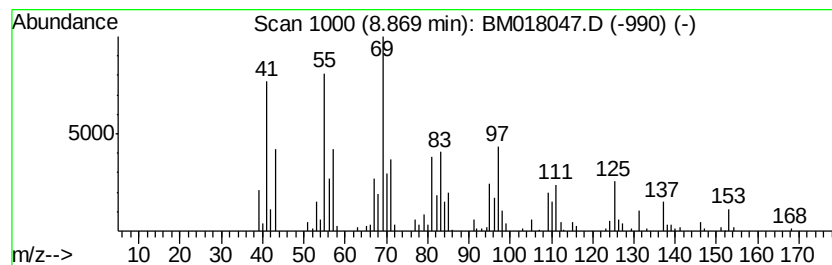
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 (DEL) Alkane: Cyclic8.87 Concentration Rank 7

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 8.87 | 12.45 ng/ul | 841166 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# | of | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclopentane, 1-butyl-2-ethyl- | 154 | C11H22  | 072993-32-9 | 30   |
| 2    |    | 3-Pentenal, 4-methyl-          | 98  | C6H10O  | 005362-50-5 | 30   |
| 3    |    | 3-Methyl-3-hexene              | 98  | C7H14   | 003404-65-7 | 20   |
| 4    |    | 2-Pentene, 3-methyl-, (Z)-     | 84  | C6H12   | 000922-62-3 | 18   |
| 5    |    | 3-Methyl-3-hexene              | 98  | C7H14   | 003404-65-7 | 18   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

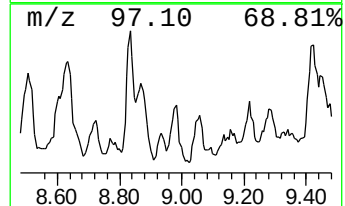
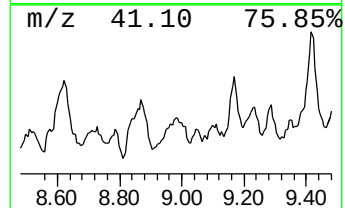
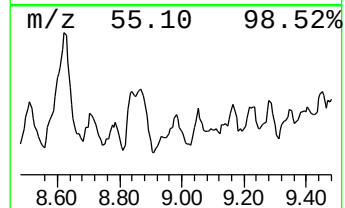
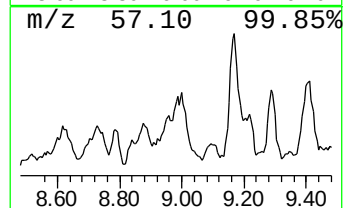
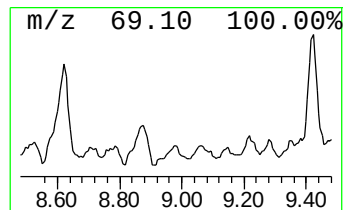
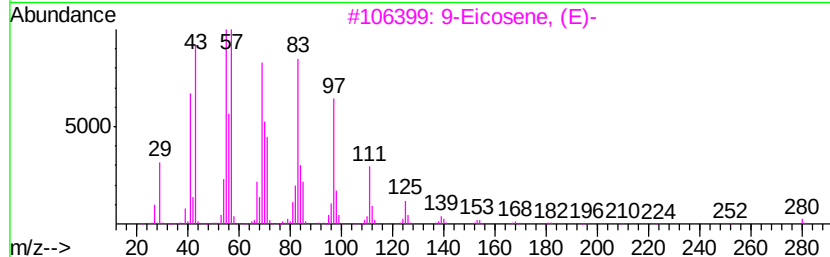
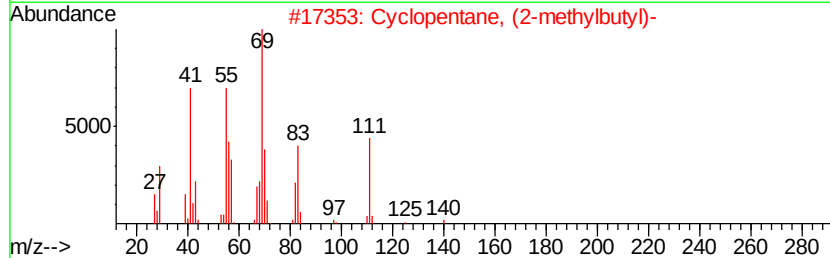
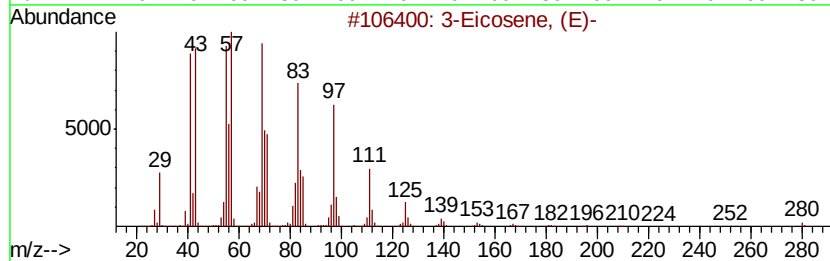
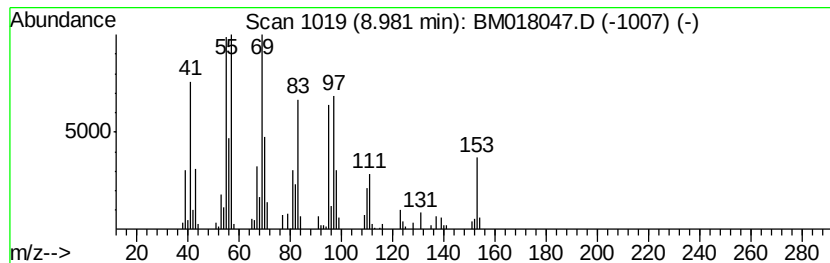
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 (DEL) Alkane: Cyclic8.98 Concentration Rank 17

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 8.98 | 5.59 ng/ul | 567990 | Naphthalene-d8   | 10.32 |

| Hit# of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|---------|---|--------------------------------|-----|---------|-------------|------|
| 1       |   | 3-Eicosene, (E)-               | 280 | C20H40  | 074685-33-9 | 64   |
| 2       |   | Cyclopentane, (2-methylbutyl)- | 140 | C10H20  | 053366-38-4 | 55   |
| 3       |   | 9-Eicosene, (E)-               | 280 | C20H40  | 074685-29-3 | 43   |
| 4       |   | 1-Butene, 2-ethyl-3-methyl-    | 98  | C7H14   | 007357-93-9 | 38   |
| 5       |   | 1-Octadecene                   | 252 | C18H36  | 000112-88-9 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

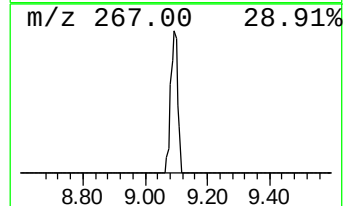
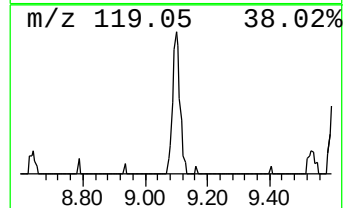
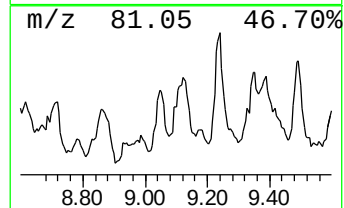
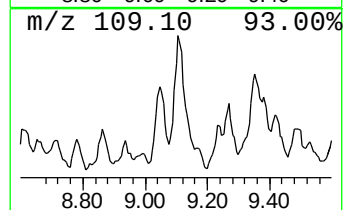
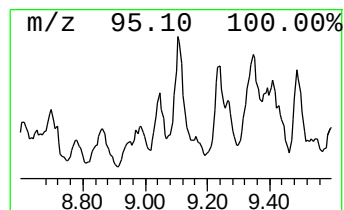
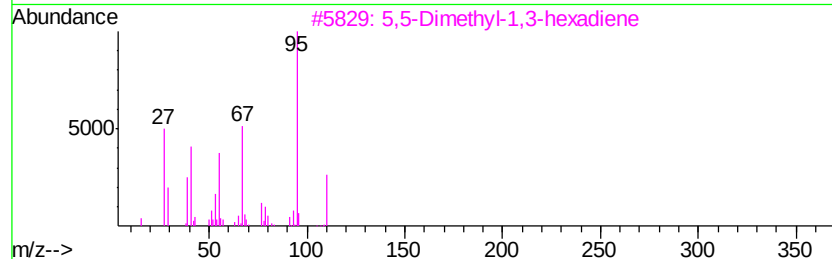
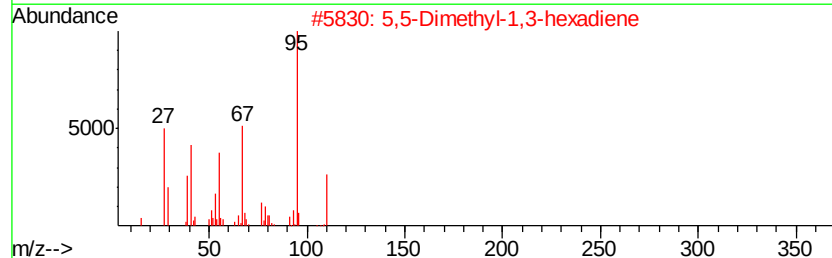
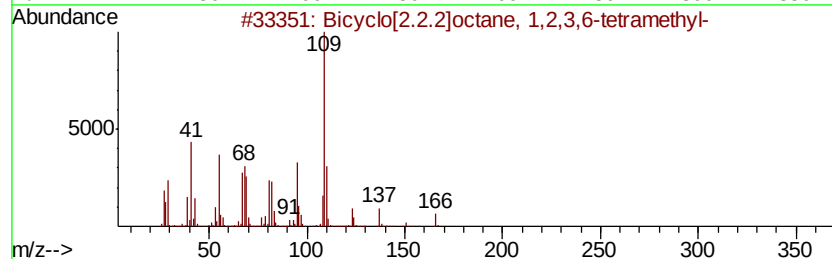
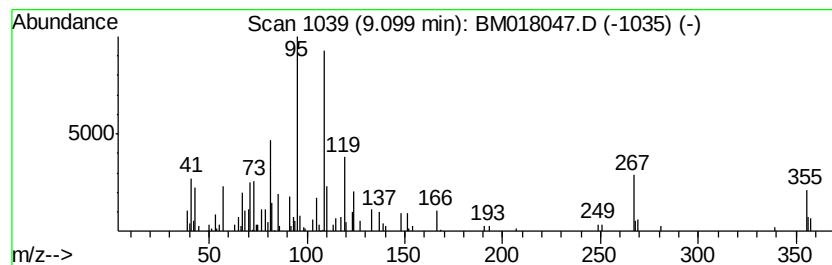
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 unknown-04 Concentration Rank 31

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.10 | 3.58 ng/ul | 364281 | Naphthalene-d8   | 10.32 |

| Hit# | of | 5 | Tentative ID                           | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Bicyclo[2.2.2]octane, 1,2,3,6-tetra... | 166 | C12H22  | 062338-45-8 | 45   |
| 2    |    |   | 5,5-Dimethyl-1,3-hexadiene             | 110 | C8H14   | 001515-79-3 | 38   |
| 3    |    |   | 5,5-Dimethyl-1,3-hexadiene             | 110 | C8H14   | 001515-79-3 | 38   |
| 4    |    |   | 1,3-Hexadiene, 3-ethyl-2-methyl-...    | 124 | C9H16   | 074752-97-9 | 35   |
| 5    |    |   | 5-Fluoro-m-xylene                      | 124 | C8H9F   | 000461-97-2 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

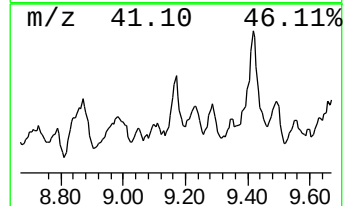
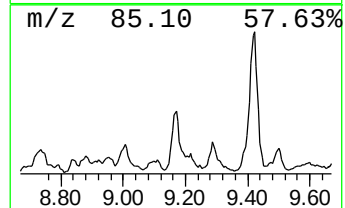
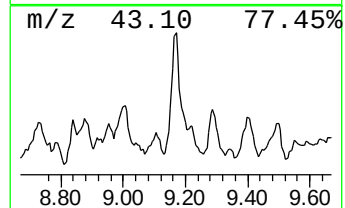
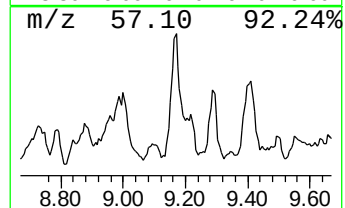
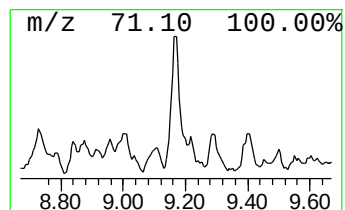
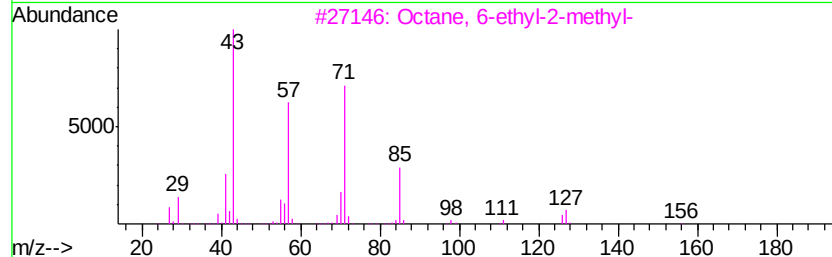
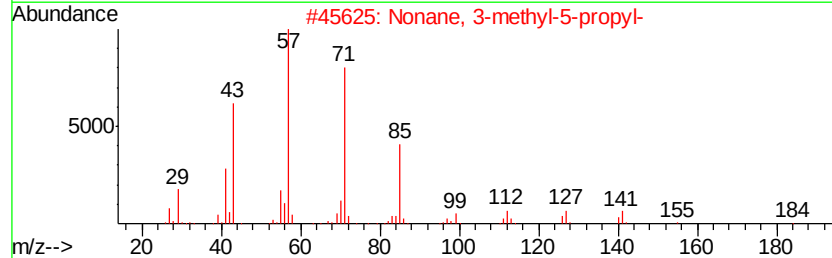
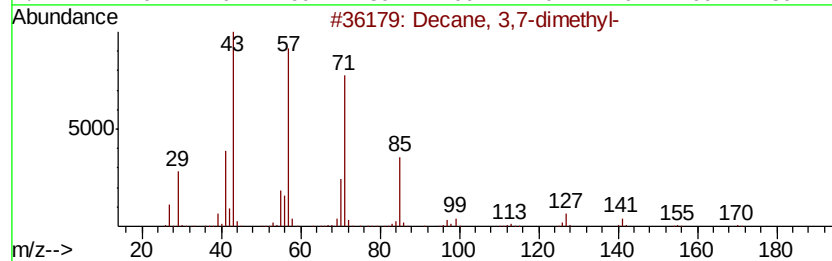
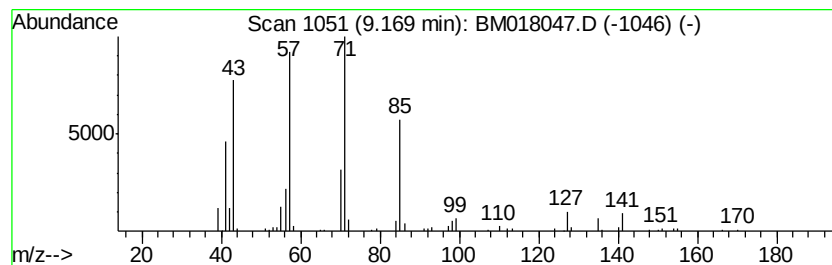
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TIC Integration Parameters: LSCINT.P

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Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 29

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.17 | 4.01 ng/ul | 407193 | Napthalene-d8    | 10.32 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Decane, 3,7-dimethyl-       | 170 | C12H26  | 017312-54-8 | 87   |
| 2    |    | Nonane, 3-methyl-5-propyl-  | 184 | C13H28  | 031081-18-2 | 72   |
| 3    |    | Octane, 6-ethyl-2-methyl-   | 156 | C11H24  | 062016-19-7 | 72   |
| 4    |    | Nonane, 5-(2-methylpropyl)- | 184 | C13H28  | 062185-53-9 | 64   |
| 5    |    | Undecane, 5-methyl-         | 170 | C12H26  | 001632-70-8 | 59   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

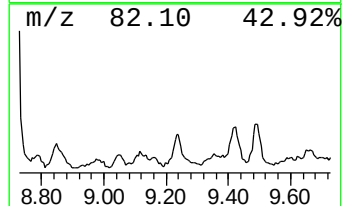
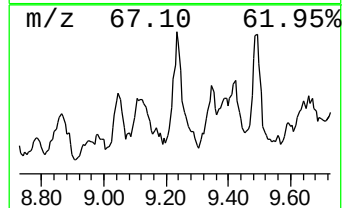
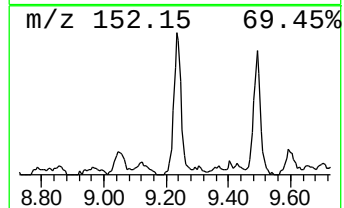
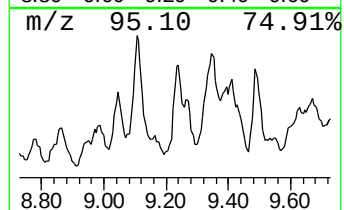
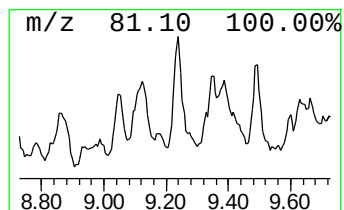
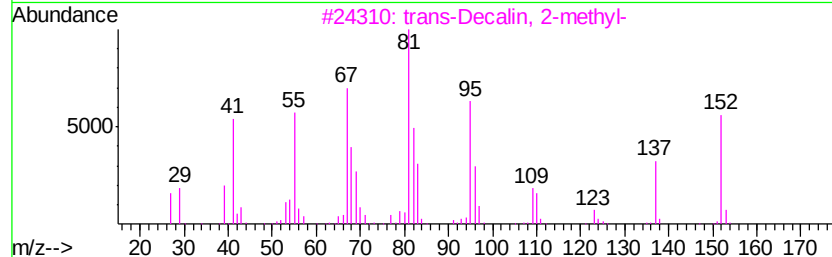
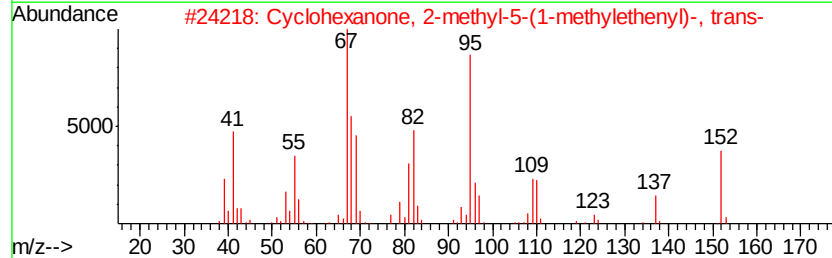
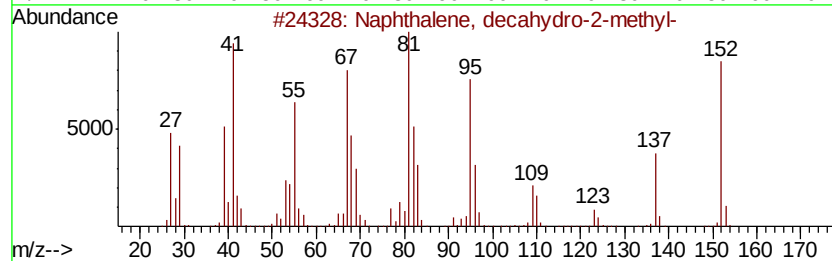
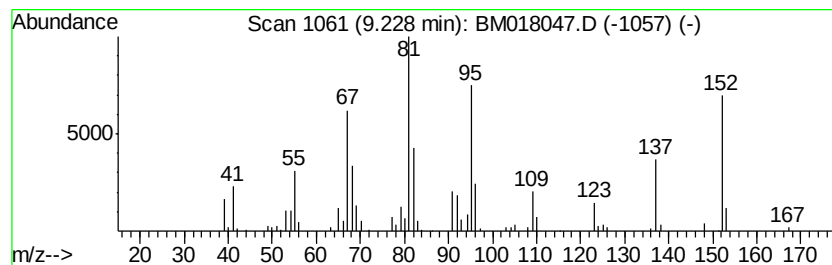
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 36

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.23 | 3.21 ng/ul | 326611 | Naphthalene-d8   | 10.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 91   |
| 2    |    | Cyclohexanone, 2-methyl-5-(1-met... | 152 | C10H16O | 005948-04-9  | 70   |
| 3    |    | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 68   |
| 4    |    | 4,5-Nonadiene, 2-methyl-            | 138 | C10H18  | 055956-32-6  | 64   |
| 5    |    | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6  | 62   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

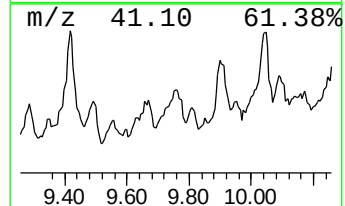
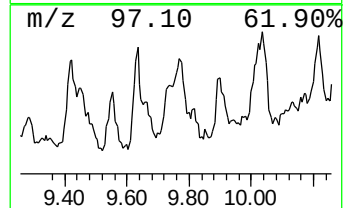
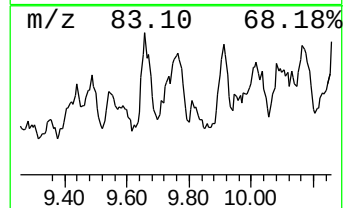
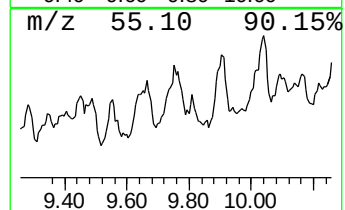
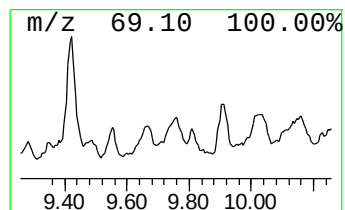
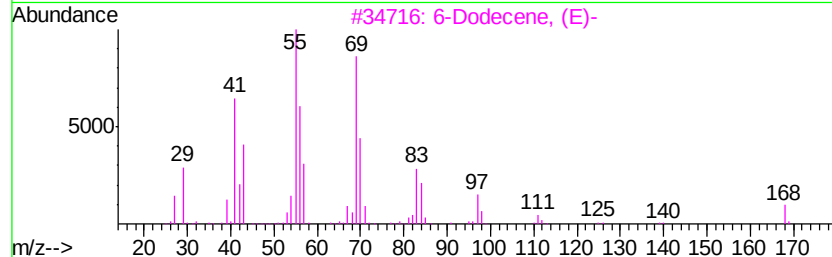
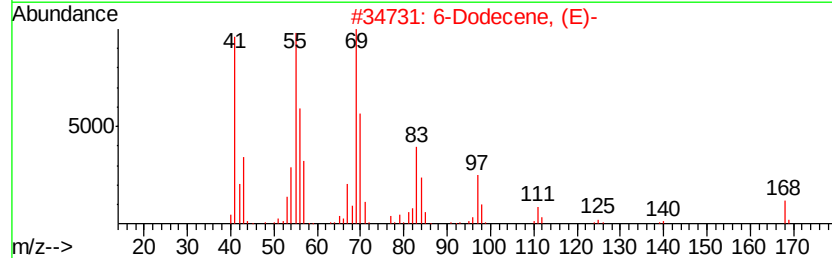
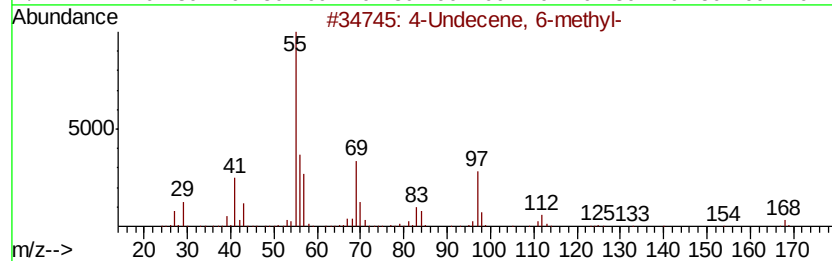
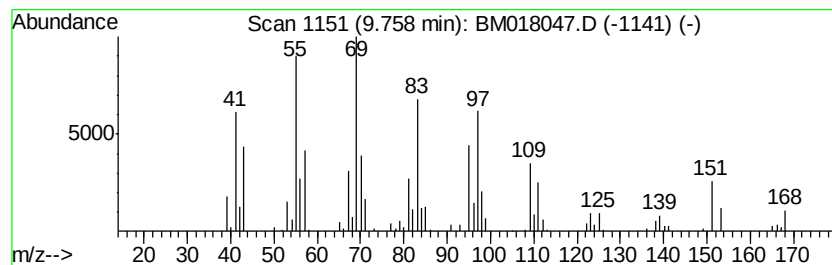
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 (DEL) Alkane: Cyclic9.76 Concentration Rank 20

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.76 | 4.80 ng/ul | 487590 | Napthalene-d8    | 10.32 |

| Hit# | of                          | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|-----------------------------|---|--------------|-----|---------|--------------|------|
| 1    | 4-Undecene, 6-methyl-       |   |              | 168 | C12H24  | 1000061-85-4 | 52   |
| 2    | 6-Dodecene, (E)-            |   |              | 168 | C12H24  | 007206-17-9  | 45   |
| 3    | 6-Dodecene, (E)-            |   |              | 168 | C12H24  | 007206-17-9  | 43   |
| 4    | 1-Butene, 2-ethyl-3-methyl- |   |              | 98  | C7H14   | 007357-93-9  | 30   |
| 5    | 2-Octene, 2,6-dimethyl-     |   |              | 140 | C10H20  | 004057-42-5  | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

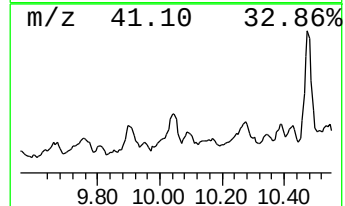
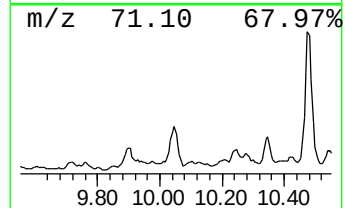
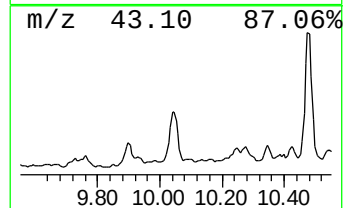
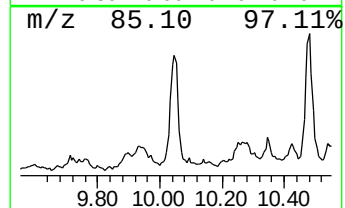
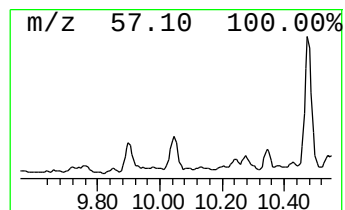
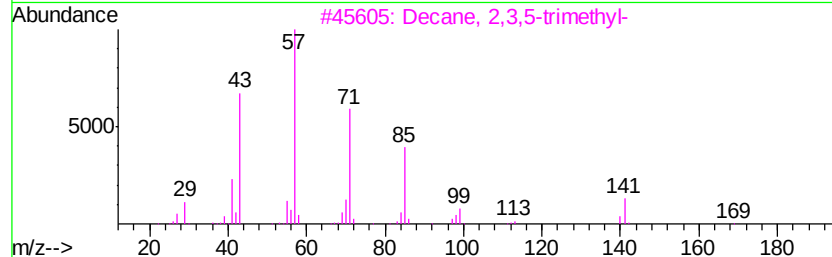
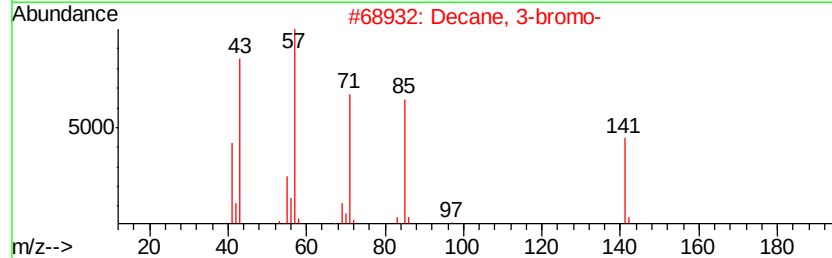
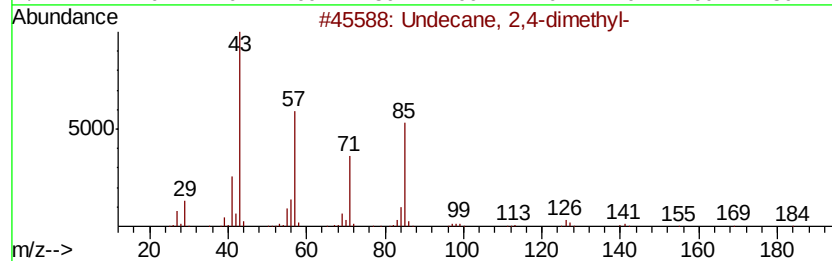
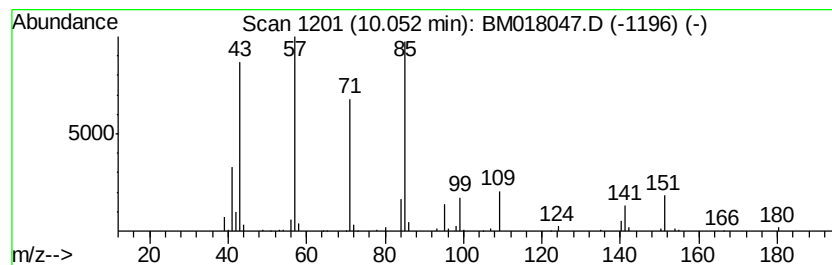
Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T.    | EstConc                           | Area         | Relative to ISTD | R.T.      |
|---------|-----------------------------------|--------------|------------------|-----------|
| 10.05   | 4.23 ng/ul                        | 430367       | Napthalene-d8    | 10.32     |
| Hit# of | 5                                 | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Undecane, 2,4-dimethyl-           | 184 C13H28   | 017312-80-0      | 59        |
| 2       | Decane, 3-bromo-                  | 220 C10H21Br | 030571-71-2      | 53        |
| 3       | Decane, 2,3,5-trimethyl-          | 184 C13H28   | 062238-11-3      | 47        |
| 4       | 4,6-Nonanedione, 2,5,8-trimethyl- | 198 C12H22O2 | 1000162-14-3     | 43        |
| 5       | Decane, 1-iodo-                   | 268 C10H21I  | 002050-77-3      | 38        |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

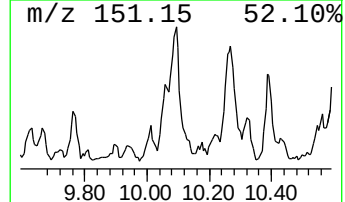
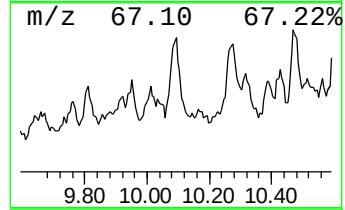
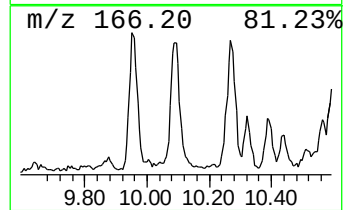
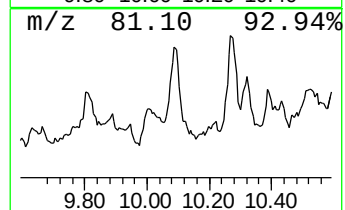
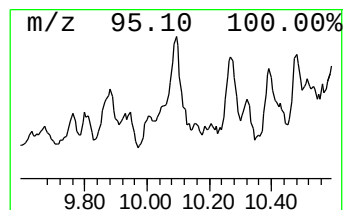
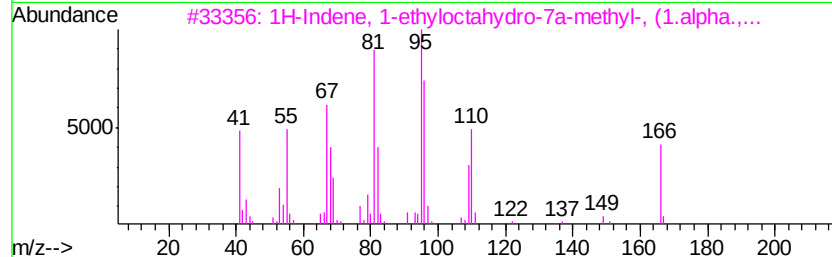
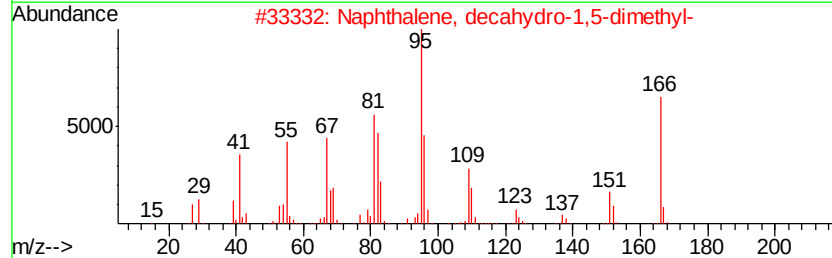
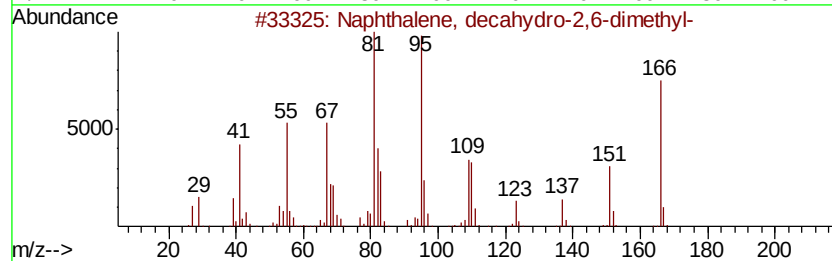
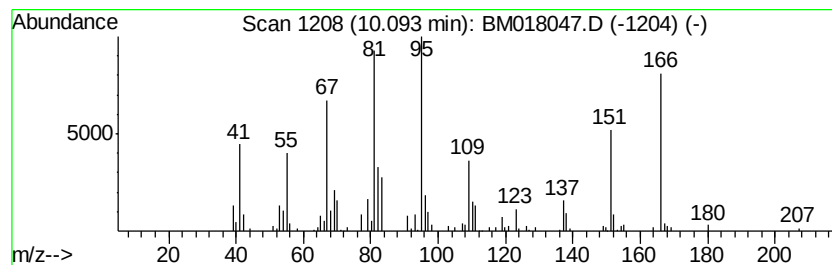
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 22 Naphthalene, decahydro-2,6-... Concentration Rank 42

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 10.09 | 2.52 ng/ul | 256436 | Naphthalene-d8   | 10.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, decahydro-2,6-dimet... | 166 | C12H22  | 001618-22-0 | 90   |
| 2    |    | Naphthalene, decahydro-1,5-dimet... | 166 | C12H22  | 066552-62-3 | 80   |
| 3    |    | 1H-Indene, 1-ethyloctahydro-7a-m... | 166 | C12H22  | 056324-71-1 | 72   |
| 4    |    | Cyclohexene, 4-methyl-1-(1-methy... | 138 | C10H18  | 000500-00-5 | 55   |
| 5    |    | Cyclohexene, 4-methyl-1-(1-methy... | 138 | C10H18  | 000500-00-5 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

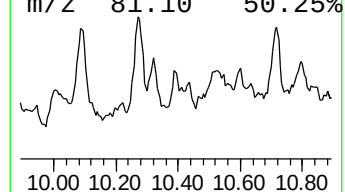
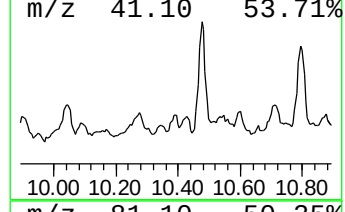
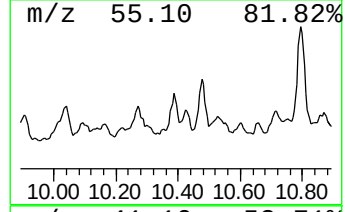
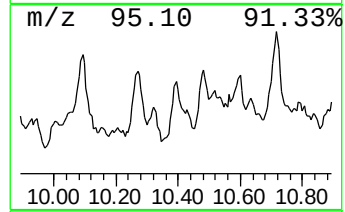
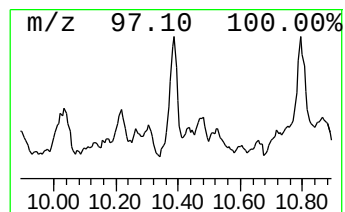
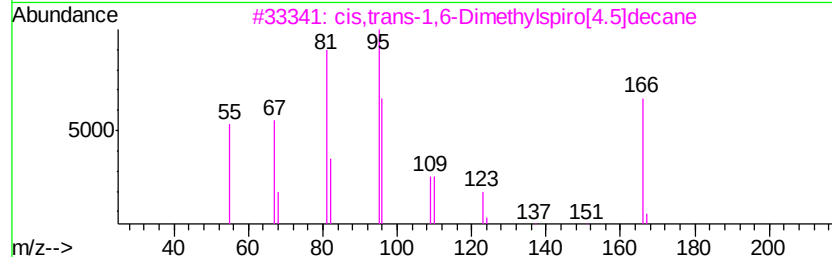
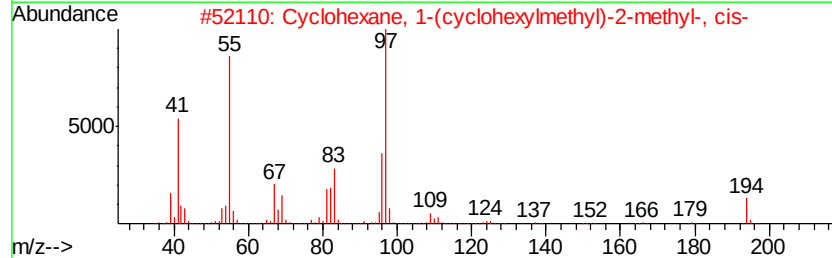
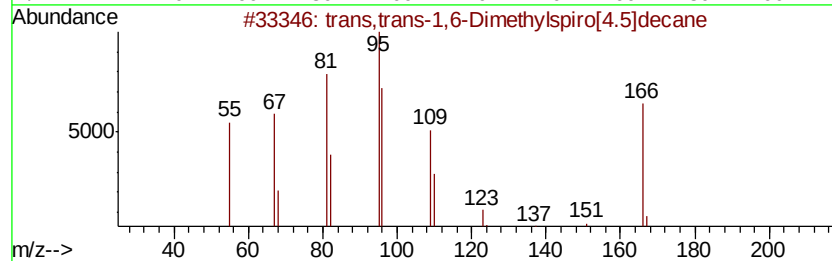
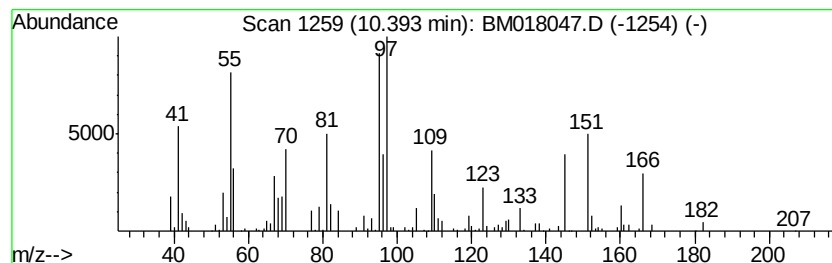
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BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 23 unknown-05 Concentration Rank 24

| R.T.    | EstConc                                           | Area         | Relative to ISTD | R.T.         |      |      |
|---------|---------------------------------------------------|--------------|------------------|--------------|------|------|
| 10.39   | 4.40 ng/ul                                        | 447490       | Naphthalene-d8   | 10.32        |      |      |
| Hit# of | 5                                                 | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | trans,trans-1,6-Dimethylspiro[4.5]decane          | 166          | C12H22           | 1000111-72-1 | 35   |      |
| 2       | Cyclohexane, 1-(cyclohexylmethyl)-2-methyl-, cis- | 194          | C14H26           | 054824-04-3  | 27   |      |
| 3       | cis,trans-1,6-Dimethylspiro[4.5]decane            | 166          | C12H22           | 1000111-72-3 | 25   |      |
| 4       | Naphthalene, decahydro-1,2-dimethyl-, cis-        | 166          | C12H22           | 003604-14-6  | 25   |      |
| 5       | Bamipine                                          | 280          | C19H24N2         | 004945-47-5  | 22   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

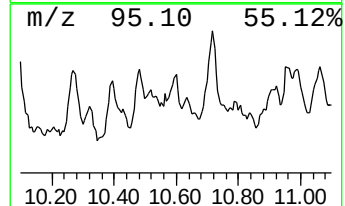
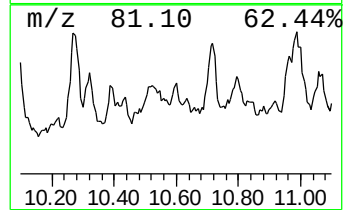
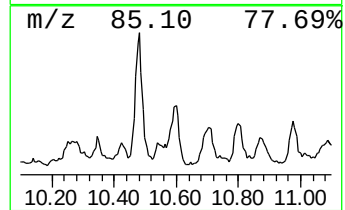
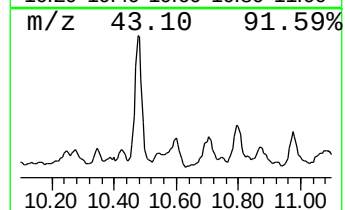
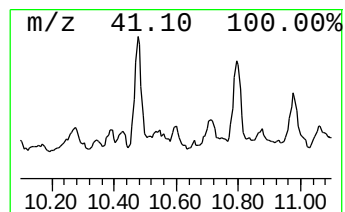
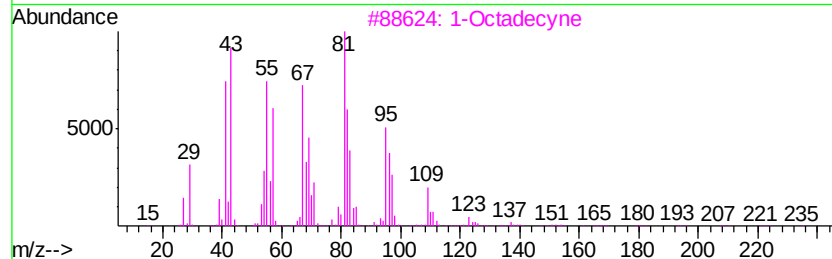
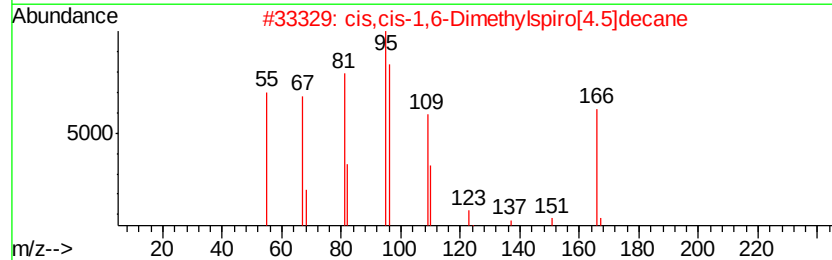
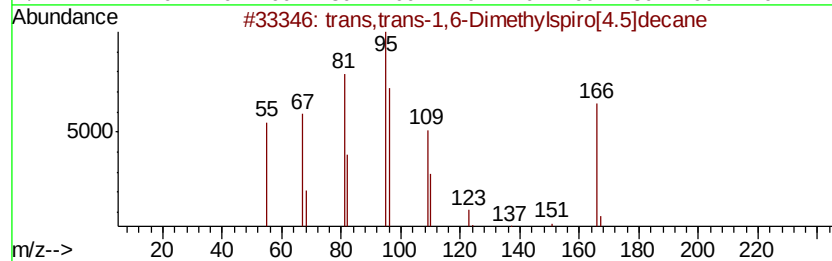
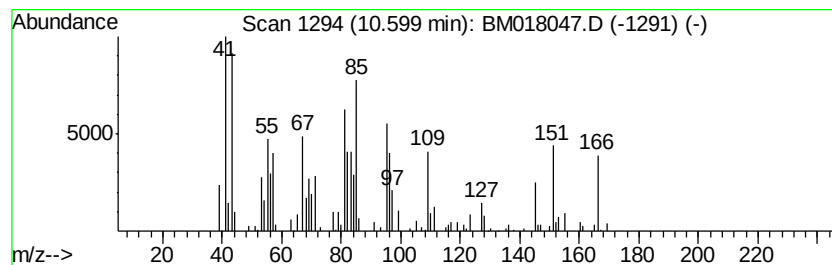
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TIC Integration Parameters: LSCINT.P

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Peak Number 24 unknown-06 Concentration Rank 32

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 10.60 | 3.46 ng/ul | 352168 | Naphthalene-d8   | 10.32 |

| Hit# | of                                                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|---------------------------------------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | trans,trans-1,6-Dimethylspiro[4.5]decahydro-2,3-dimethylnaphthalene | 166 | C12H22       | 1000111-72-1 | 42      |      |      |
| 2    | cis,cis-1,6-Dimethylspiro[4.5]decahydro-2,3-dimethylnaphthalene     | 166 | C12H22       | 1000111-72-4 | 27      |      |      |
| 3    | 1-Octadecyne                                                        | 250 | C18H34       | 000629-89-0  | 27      |      |      |
| 4    | Naphthalene, decahydro-2,3-dimethyl-1H                              | 166 | C12H22       | 001008-80-6  | 27      |      |      |
| 5    | 1-Pentadecyne                                                       | 208 | C15H28       | 000765-13-9  | 22      |      |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

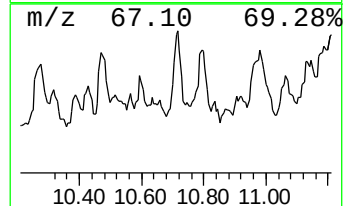
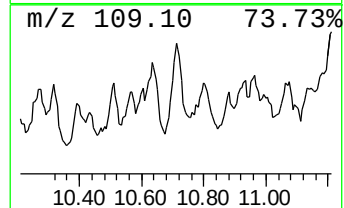
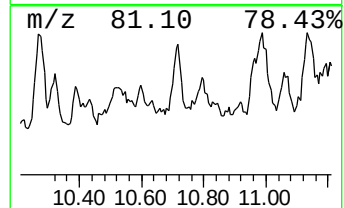
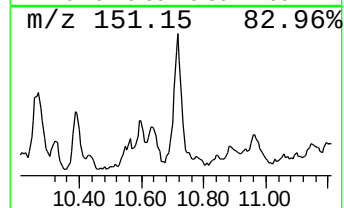
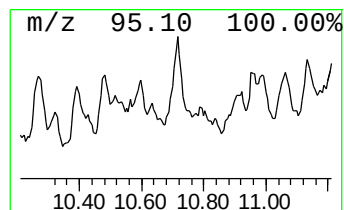
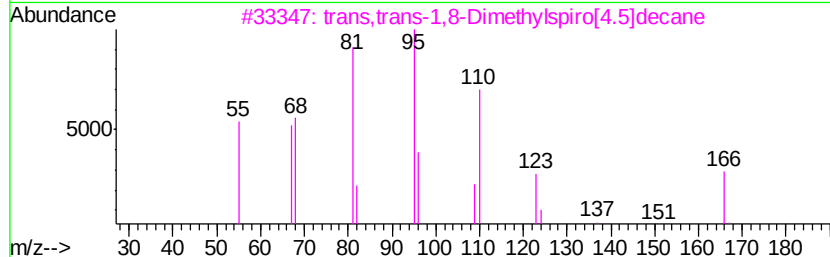
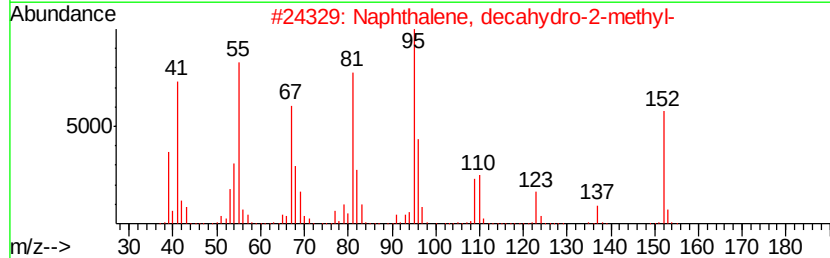
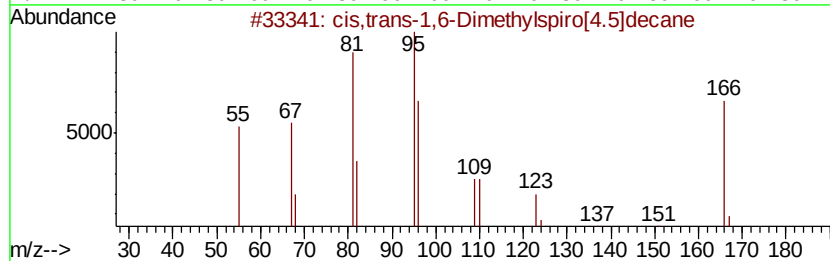
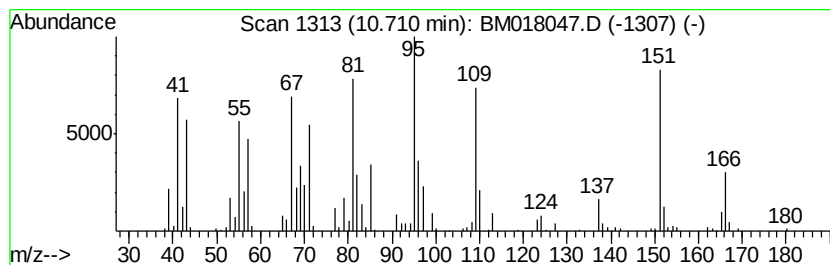
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 25 unknown-07 Concentration Rank 15

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 10.71 | 6.40 ng/ul | 650640 | Naphthalene-d8   | 10.32 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | cis,trans-1,6-Dimethylspiro[4.5]... | 166 | C12H22  | 1000111-72-3 | 41   |
| 2    |    |   | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 41   |
| 3    |    |   | trans,trans-1,8-Dimethylspiro[4.... | 166 | C12H22  | 1000111-72-8 | 38   |
| 4    |    |   | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 029606-79-9  | 30   |
| 5    |    |   | Cyclohexene,1-hexyl-                | 166 | C12H22  | 003964-66-7  | 20   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

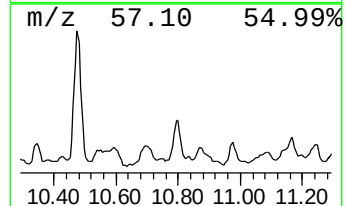
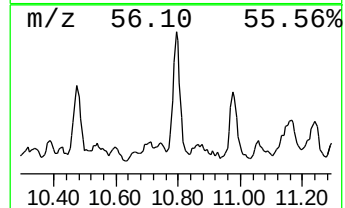
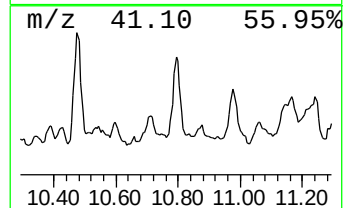
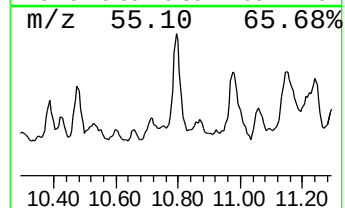
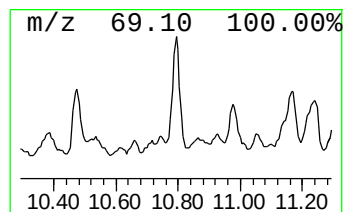
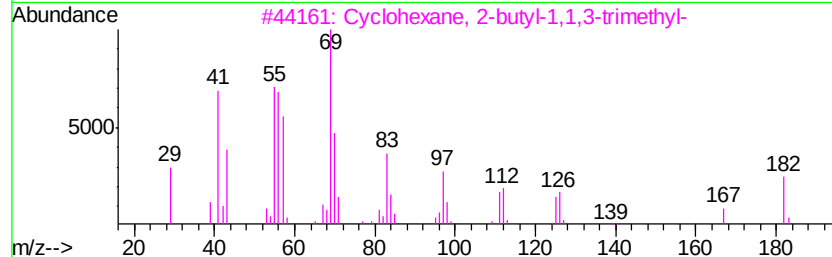
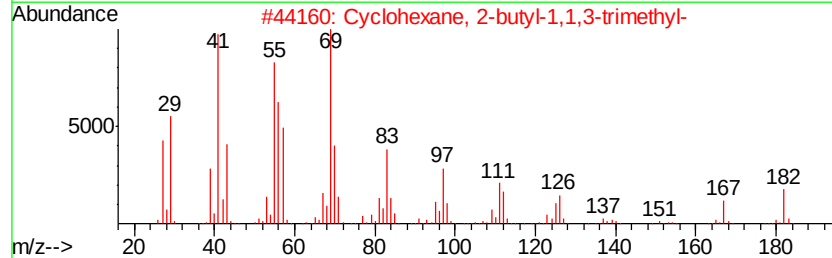
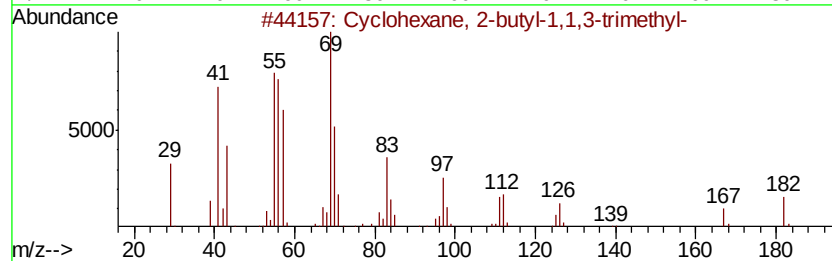
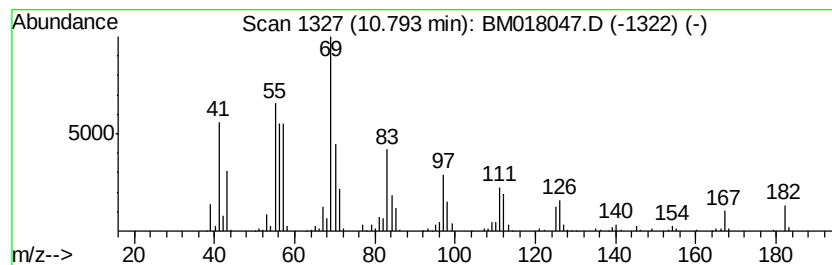
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 26 (DEL) Alkane: Cyclic10.79 Concentration Rank 5

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 10.79 | 12.82 ng/ul | 1303190 | Napthalene-d8    | 10.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26  | 054676-39-0 | 95   |
| 2    |    | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26  | 054676-39-0 | 95   |
| 3    |    | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26  | 054676-39-0 | 94   |
| 4    |    | 4-Nonene, 5-butyl-                  | 182 | C13H26  | 007367-38-6 | 70   |
| 5    |    | Cyclopentane, butyl-                | 126 | C9H18   | 002040-95-1 | 68   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

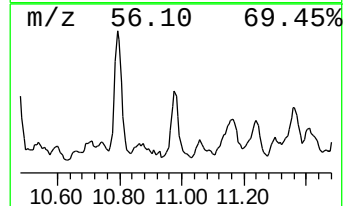
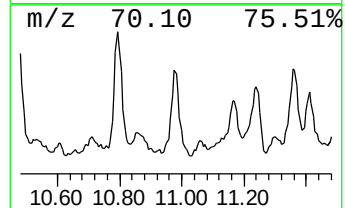
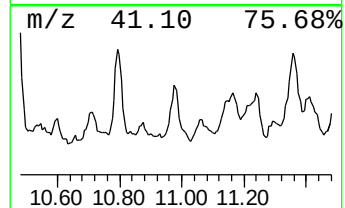
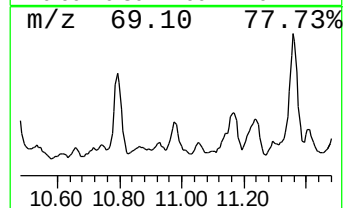
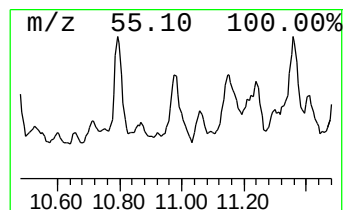
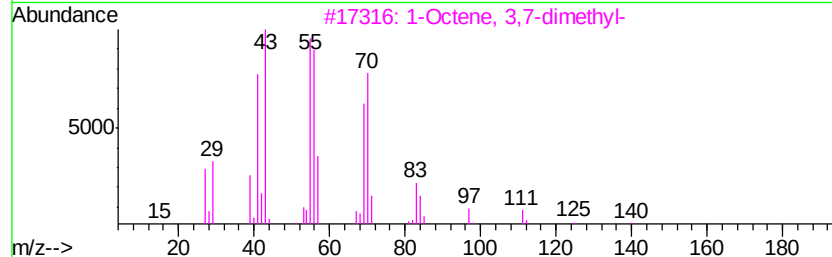
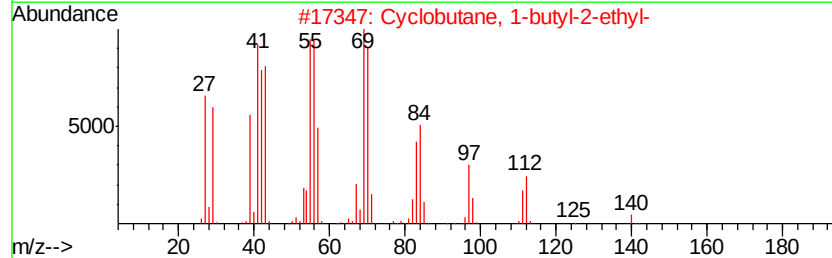
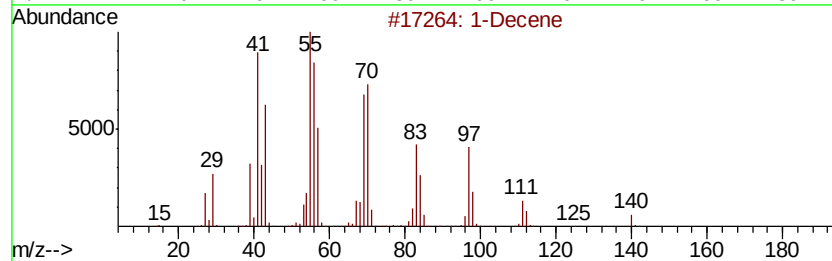
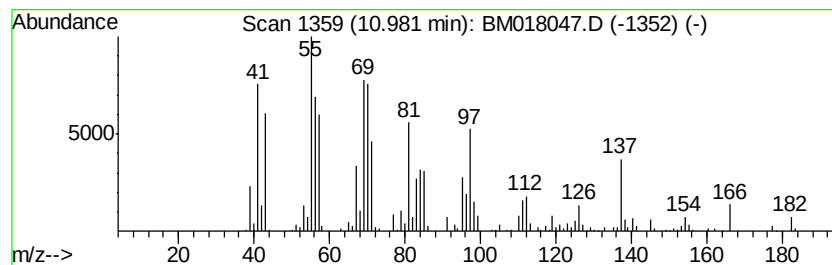
Instrument :  
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ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 27 (DEL) Alkane: Cyclic10.98 Concentration Rank 8

| R.T.    | EstConc                       | Area         | Relative to ISTD | R.T.            |
|---------|-------------------------------|--------------|------------------|-----------------|
| 10.98   | 12.39 ng/ul                   | 1259860      | Napthalene-d8    | 10.32           |
| Hit# of | 5                             | Tentative ID | MW MolForm       | CAS# Qual       |
| 1       | 1-Decene                      |              | 140 C10H20       | 000872-05-9 90  |
| 2       | Cyclobutane, 1-butyl-2-ethyl- |              | 140 C10H20       | 1000150-67-3 70 |
| 3       | 1-Octene, 3,7-dimethyl-       |              | 140 C10H20       | 004984-01-4 62  |
| 4       | 6-Tridecene                   |              | 182 C13H26       | 024949-38-0 60  |
| 5       | 2-Undecene, (Z)-              |              | 154 C11H22       | 000821-96-5 58  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

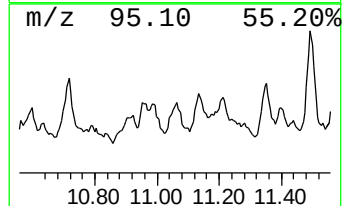
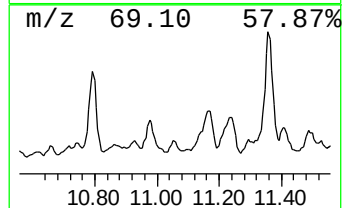
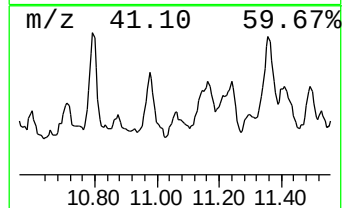
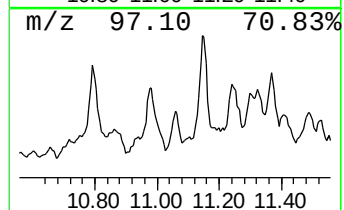
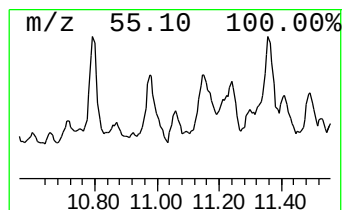
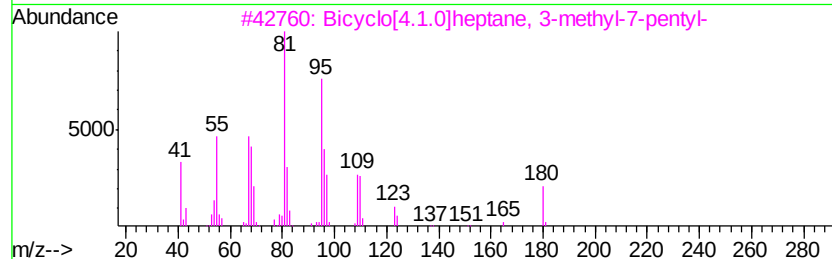
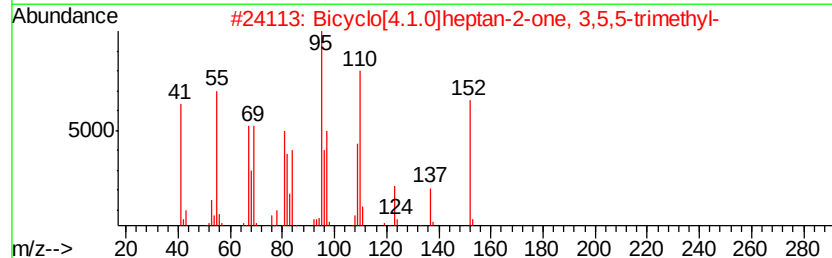
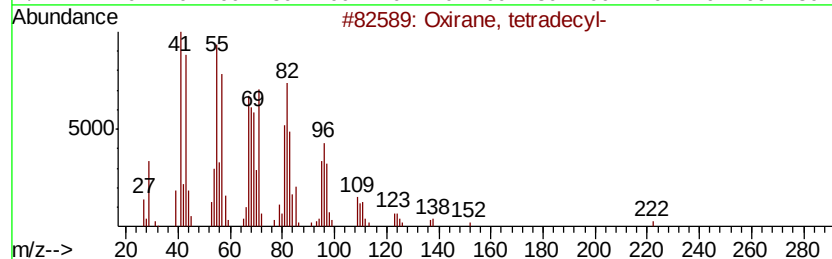
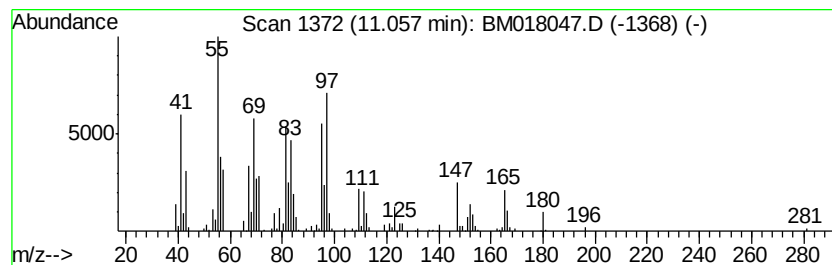
Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 28 unknown-08 Concentration Rank 21

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 11.06   | 4.53 ng/ul                          | 460186       | Naphthalene-d8   | 10.32     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Oxirane, tetradecyl-                | 240 C16H32O  | 007320-37-8      | 47        |
| 2       | Bicyclo[4.1.0]heptan-2-one, 3,5,... | 152 C10H16O  | 029750-24-1      | 38        |
| 3       | Bicyclo[4.1.0]heptane, 3-methyl-... | 180 C13H24   | 041977-48-4      | 30        |
| 4       | 3,5-Dodecadiene, 2-methyl-          | 180 C13H24   | 055638-51-2      | 25        |
| 5       | Naphthalene, decahydro-2-methyl-    | 152 C11H20   | 002958-76-1      | 25        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

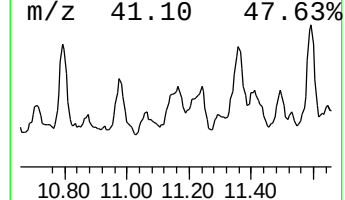
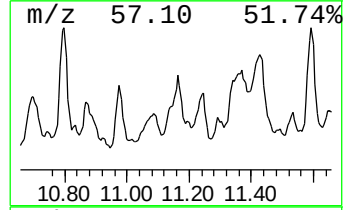
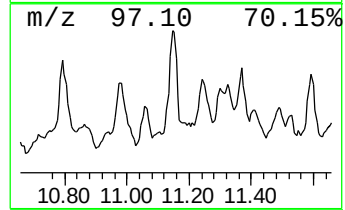
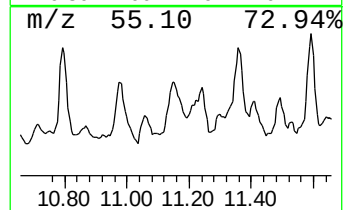
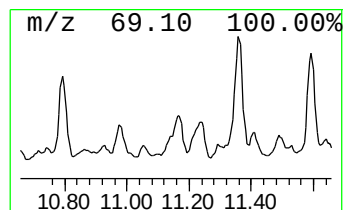
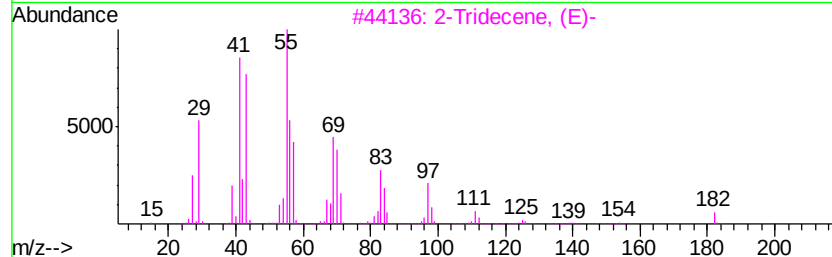
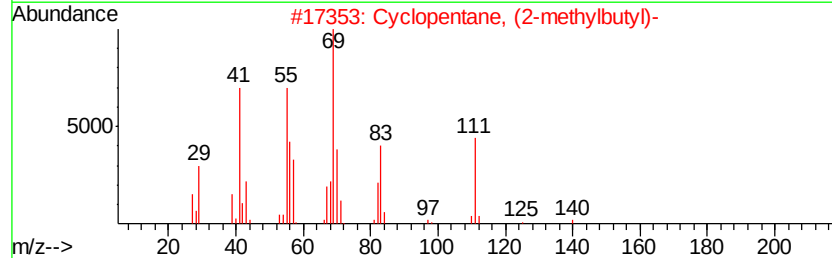
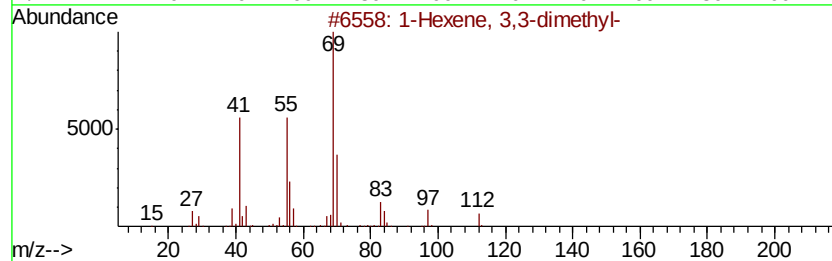
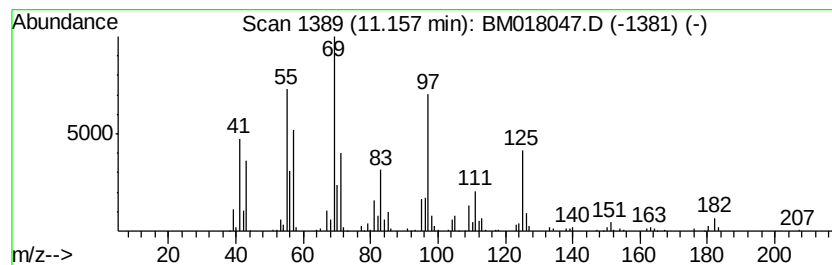
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TIC Integration Parameters: LSCINT.P

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Peak Number 29 (DEL) Alkane: Cyclic11.16 Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 11.16 | 12.62 ng/ul | 1282400 | Napthalene-d8    | 10.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Hexene, 3,3-dimethyl-             | 112 | C8H16   | 003404-77-1 | 42   |
| 2    |    | Cyclopentane, (2-methylbutyl)-      | 140 | C10H20  | 053366-38-4 | 30   |
| 3    |    | 2-Tridecene, (E)-                   | 182 | C13H26  | 041446-58-6 | 30   |
| 4    |    | 1-Hexene, 3,3-dimethyl-             | 112 | C8H16   | 003404-77-1 | 27   |
| 5    |    | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20  | 050876-32-9 | 25   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

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Quant Title : SVOA CALIBRATION

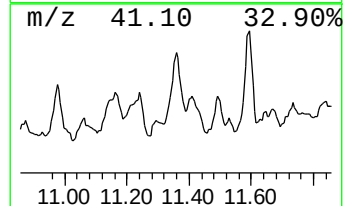
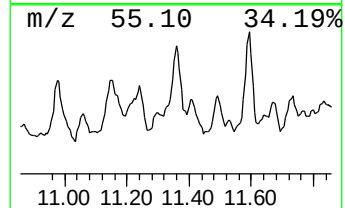
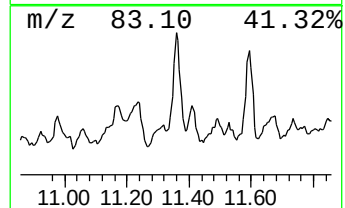
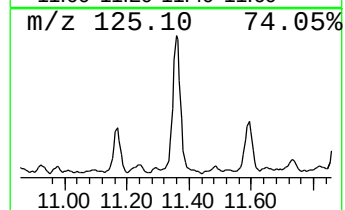
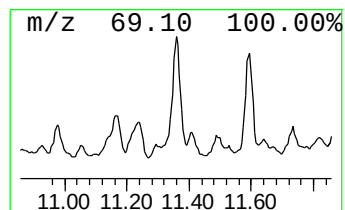
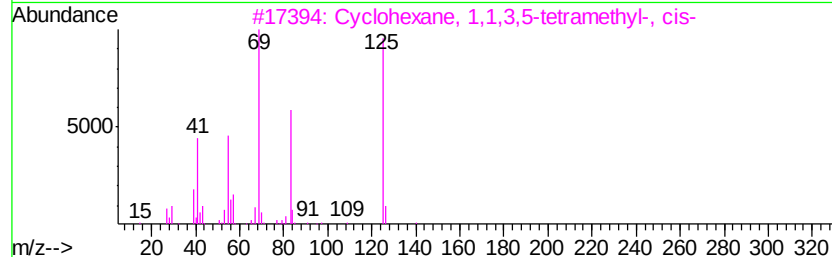
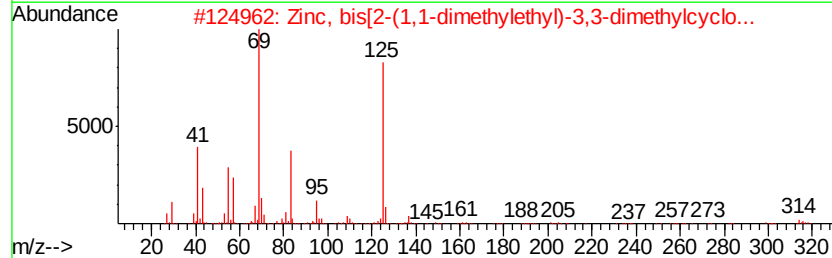
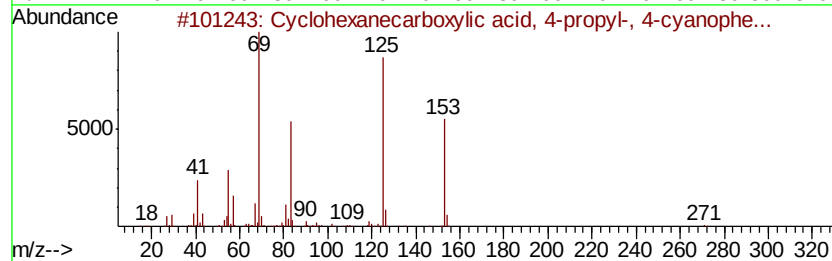
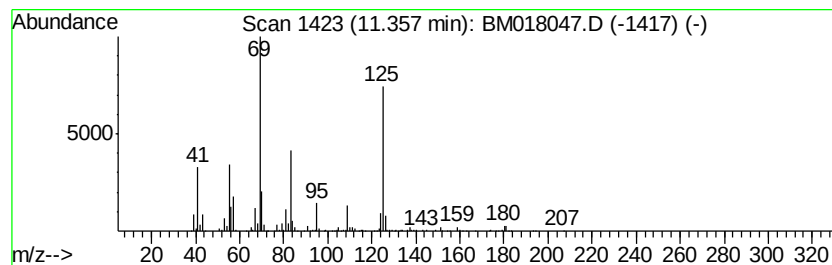
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TIC Integration Parameters: LSCINT.P

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Peak Number 30 Cyclohexanecarboxylic acid,... Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 11.36 | 15.90 ng/ul | 1616250 | Naphthalene-d8   | 10.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Cyclohexanecarboxylic acid, 4-pr... | 271 | C17H21NO2  | 062439-33-2 | 72   |
| 2    |    | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 | C18H34Zn   | 074793-36-5 | 64   |
| 3    |    | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20     | 050876-32-9 | 64   |
| 4    |    | Cyclohexane, 1,2-diethyl-3-methyl-  | 154 | C11H22     | 061141-80-8 | 56   |
| 5    |    | Cyclohexanecarboxylic acid, 4-pr... | 368 | C22H28N2O3 | 075941-67-2 | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

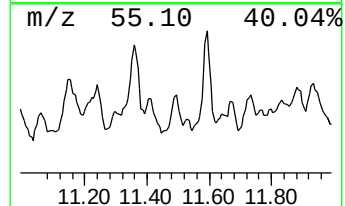
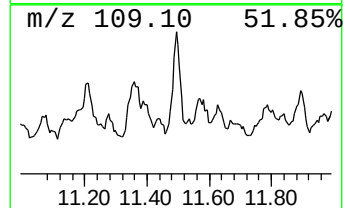
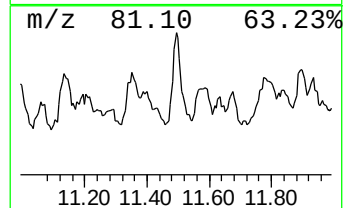
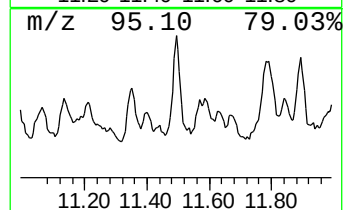
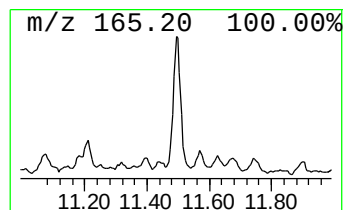
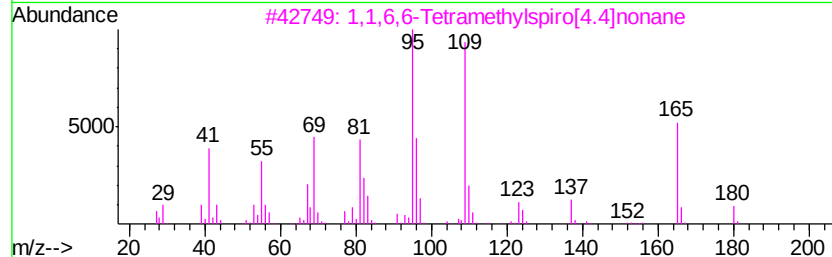
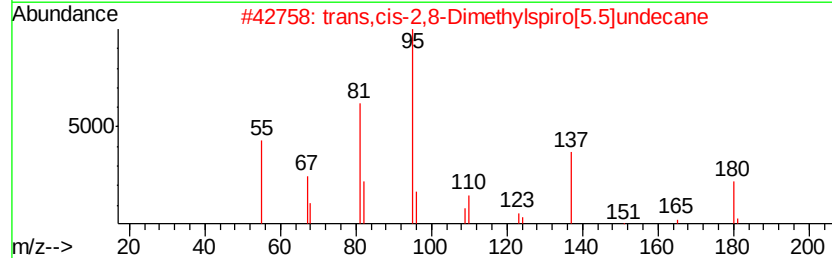
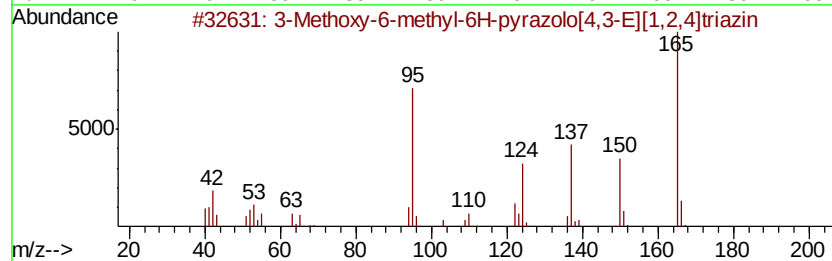
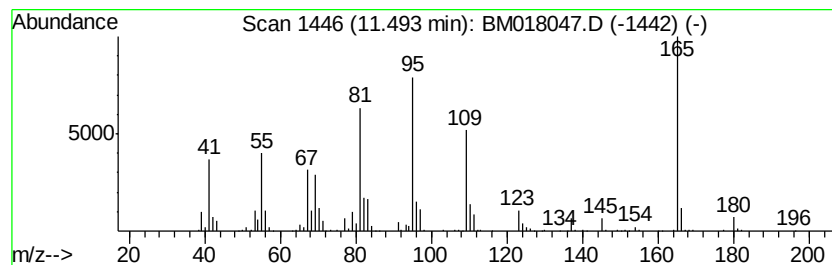
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ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 31 3-Methoxy-6-methyl-6H-pyraz... Concentration Rank 13

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.        |      |      |
|---------|-------------------------------------|--------------|------------------|-------------|------|------|
| 11.49   | 7.18 ng/ul                          | 729871       | Naphthalene-d8   | 10.32       |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm     | CAS# | Qual |
| 1       | 3-Methoxy-6-methyl-6H-pyrazolo[4... | 165          | C6H7N5O          | 037526-57-1 | 50   |      |
| 2       | trans,cis-2,8-Dimethylspiro[5.5]... | 180          | C13H24           | 095472-52-9 | 50   |      |
| 3       | 1,1,6,6-Tetramethylspiro[4.4]nonane | 180          | C13H24           | 074054-92-5 | 49   |      |
| 4       | 1-Ethynylcyclopentanol              | 110          | C7H10O           | 017356-19-3 | 45   |      |
| 5       | Naphthalene, decahydro-2,6-dimet... | 166          | C12H22           | 001618-22-0 | 43   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

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

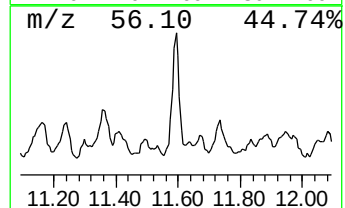
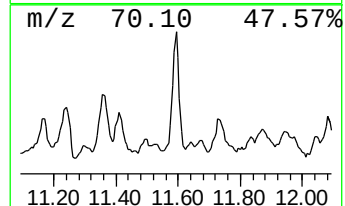
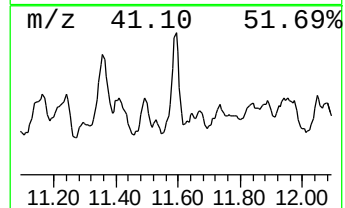
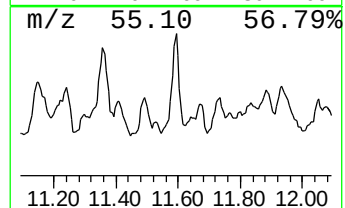
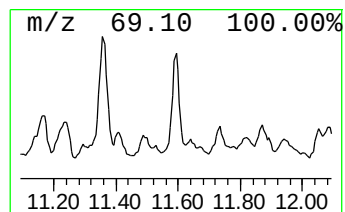
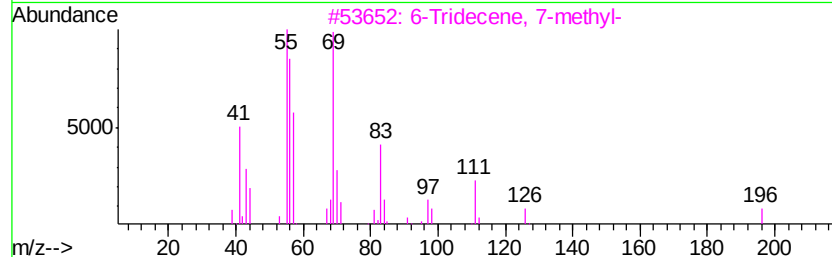
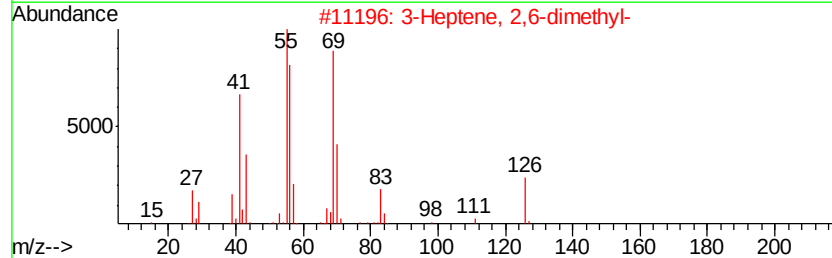
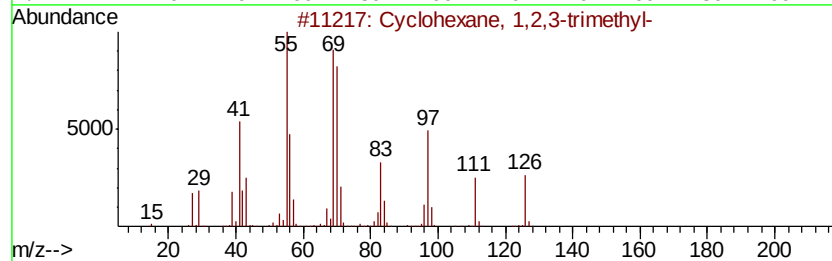
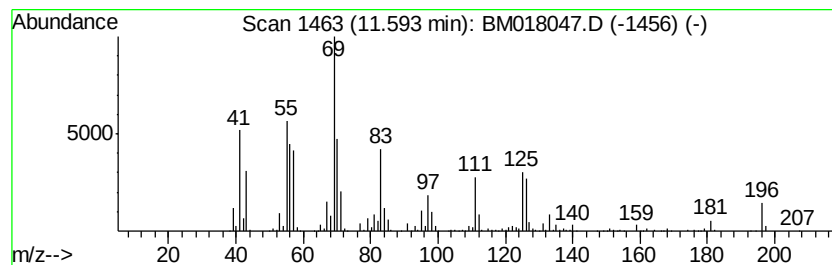
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 32 (DEL) Alkane: Cyclic11.59 Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 11.59 | 19.94 ng/ul | 2026650 | Napthalene-d8    | 10.32 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1,2,3-trimethyl-        | 126 | C9H18   | 001678-97-3 | 70   |
| 2    |    | 3-Heptene, 2,6-dimethyl-             | 126 | C9H18   | 002738-18-3 | 58   |
| 3    |    | 6-Tridecene, 7-methyl-               | 196 | C14H28  | 024949-42-6 | 55   |
| 4    |    | Cyclohexane, 1,2,3-trimethyl-, (...) | 126 | C9H18   | 001678-81-5 | 52   |
| 5    |    | Cyclohexane, 1,2,3-trimethyl-        | 126 | C9H18   | 001678-97-3 | 52   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

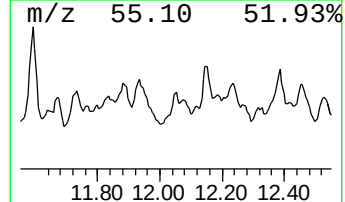
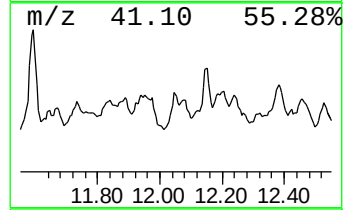
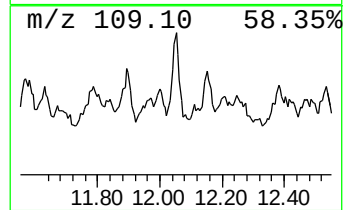
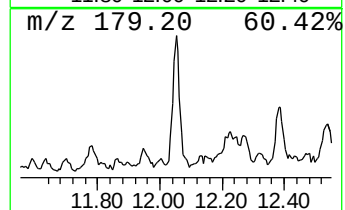
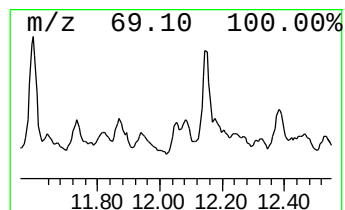
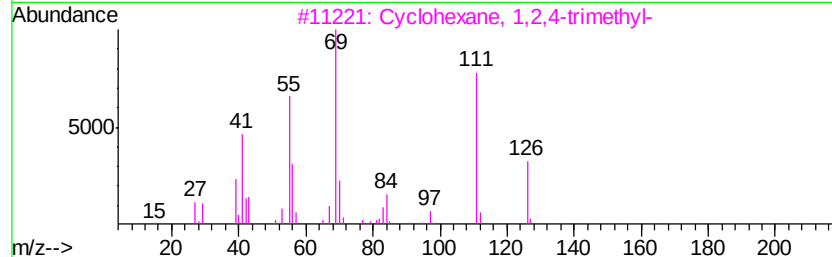
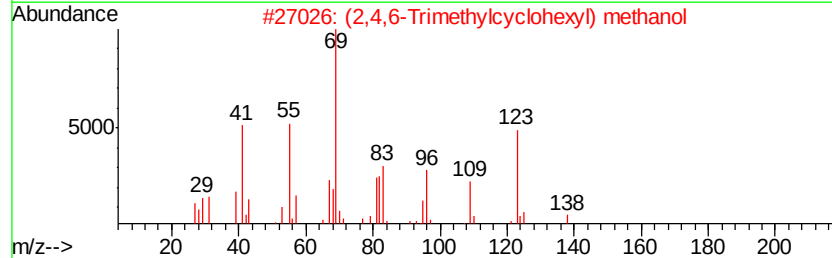
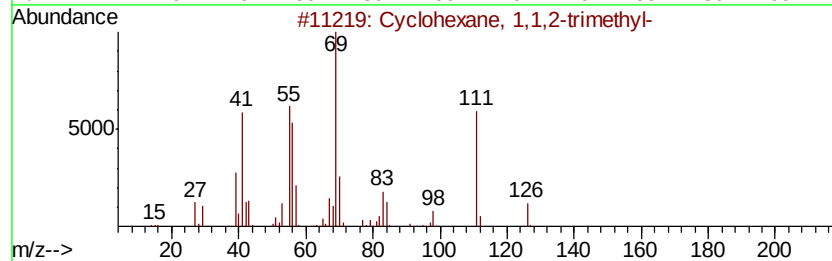
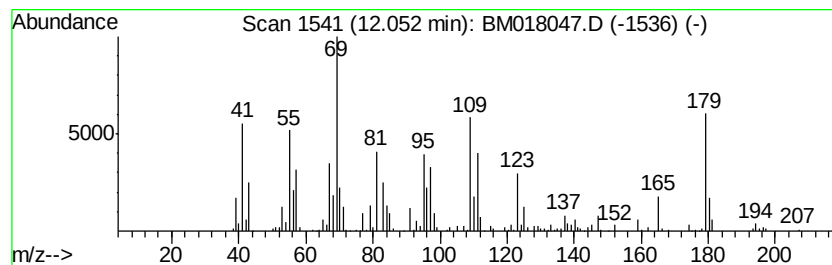
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 33 (DEL) Alkane: Cyclic12.05 Concentration Rank 14

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.05 | 6.70 ng/ul | 680690 | Naphthalene-d8   | 10.32 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,1,2-trimethyl-       | 126 | C9H18   | 007094-26-0 | 38   |
| 2    |    |   | (2,4,6-Trimethylcyclohexyl) meth... | 156 | C10H20O | 013702-56-2 | 35   |
| 3    |    |   | Cyclohexane, 1,2,4-trimethyl-       | 126 | C9H18   | 002234-75-5 | 27   |
| 4    |    |   | Cyclohexane, 1,2,4-trimethyl-       | 126 | C9H18   | 002234-75-5 | 27   |
| 5    |    |   | 2(1H)-Naphthalenone, octahydro-1... | 180 | C12H20O | 022738-31-4 | 15   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

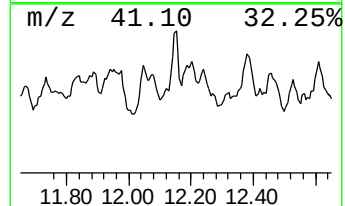
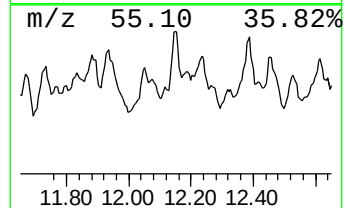
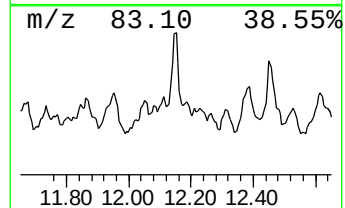
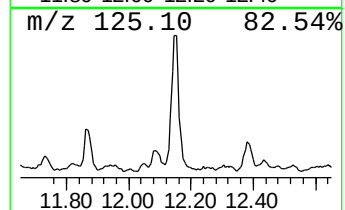
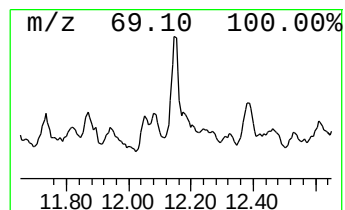
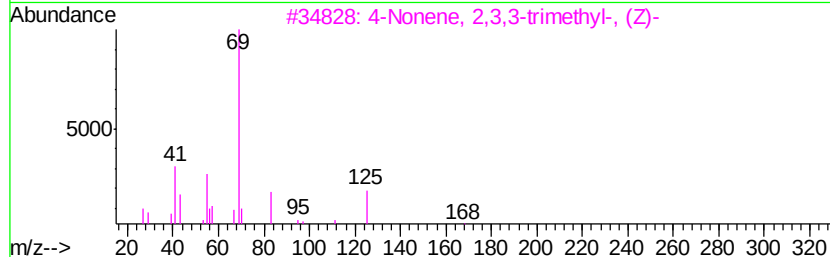
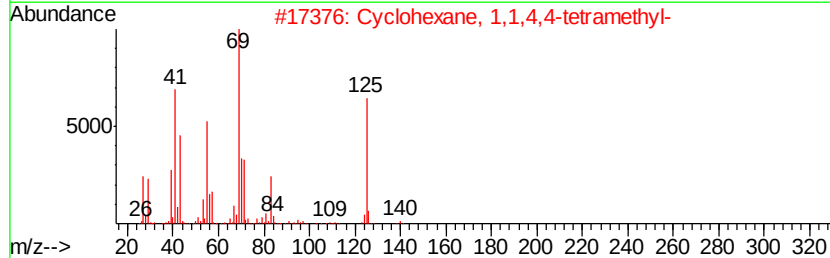
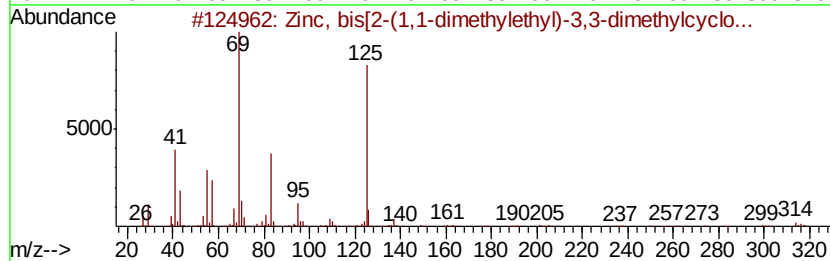
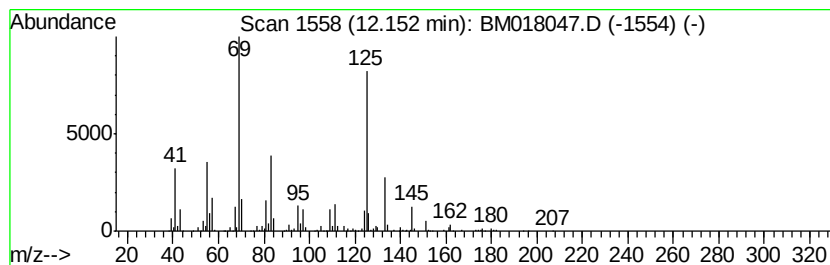
Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

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Quant Title : SVOA CALIBRATION

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

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Peak Number 34 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 11

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.           |
|---------|------------|-------------------------------------|------------------|----------------|
| 12.15   | 8.33 ng/ul | 847012                              | Napthalene-d8    | 10.32          |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |            | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 C18H34Zn     | 074793-36-5 64 |
| 2       |            | Cyclohexane, 1,1,4,4-tetramethyl-   | 140 C10H20       | 002223-52-1 58 |
| 3       |            | 4-Nonene, 2,3,3-trimethyl-, (Z)-    | 168 C12H24       | 063830-68-2 53 |
| 4       |            | 1-Isopropyl-1,4,5-trimethylcyclo... | 168 C12H24       | 219783-06-9 45 |
| 5       |            | Cyclohexane, 2,4-diethyl-1-methyl-  | 154 C11H22       | 061142-70-9 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

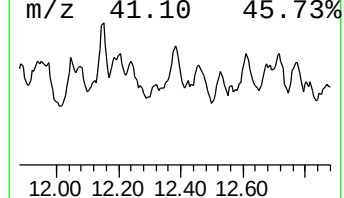
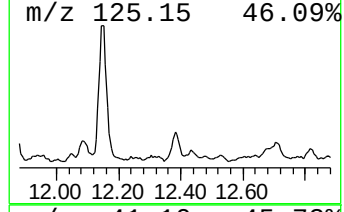
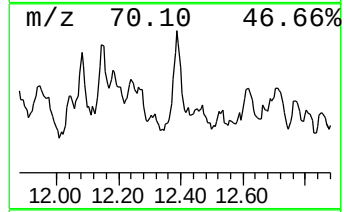
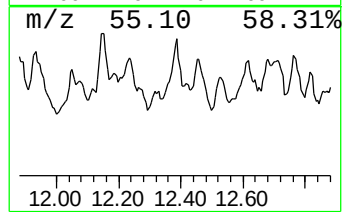
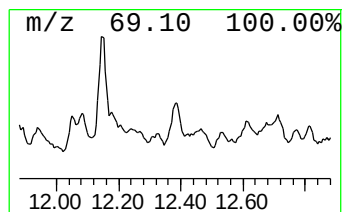
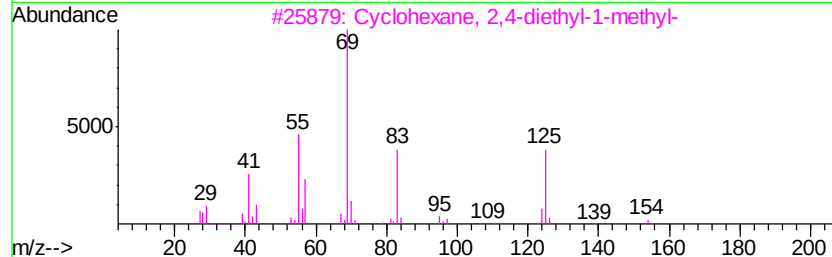
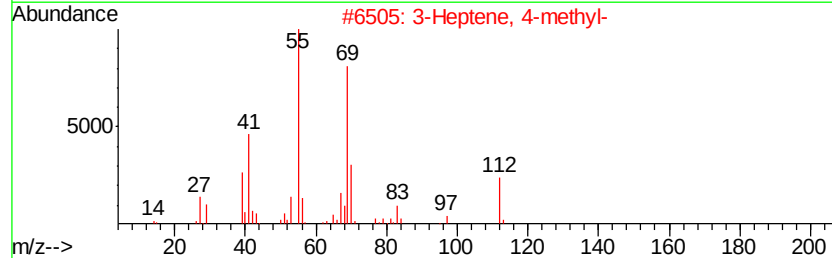
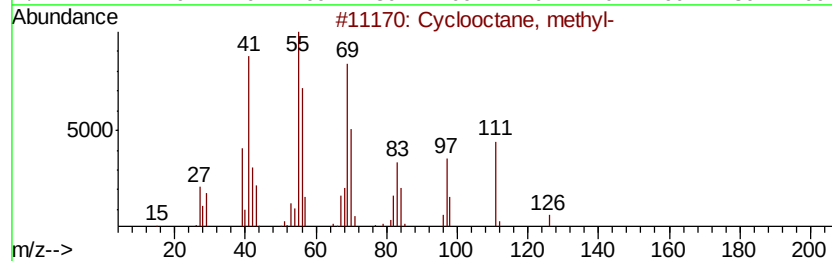
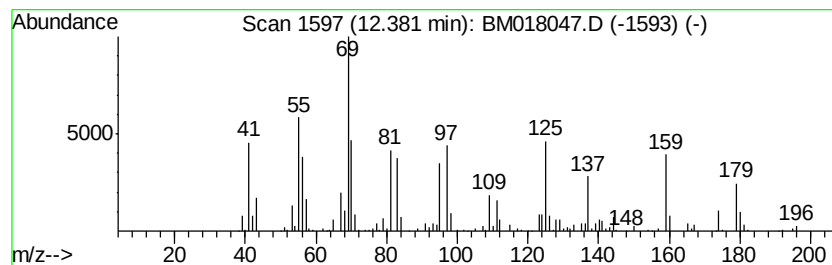
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TIC Integration Parameters: LSCINT.P

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Peak Number 35 (DEL) Alkane: Cyclic12.38 Concentration Rank 28

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.38 | 4.14 ng/ul | 634204 | Acenaphthene-d10 | 14.20 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclooctane, methyl-               | 126 | C9H18   | 001502-38-1 | 38   |
| 2    |    | 3-Heptene, 4-methyl-               | 112 | C8H16   | 004485-16-9 | 27   |
| 3    |    | Cyclohexane, 2,4-diethyl-1-methyl- | 154 | C11H22  | 061142-70-9 | 27   |
| 4    |    | 1,1,4-Trimethylcyclohexane         | 126 | C9H18   | 007094-27-1 | 27   |
| 5    |    | Cyclohexane, 1,2,3-trimethyl-      | 126 | C9H18   | 001678-97-3 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

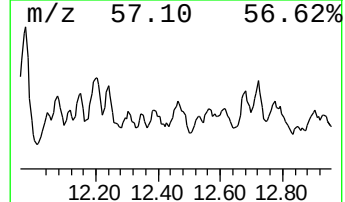
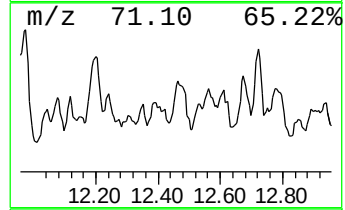
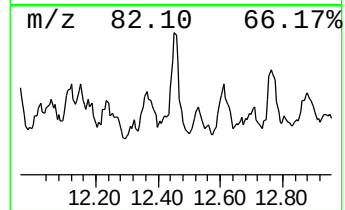
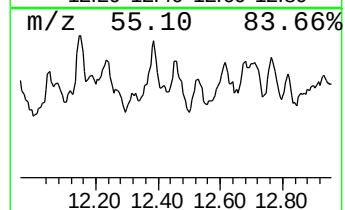
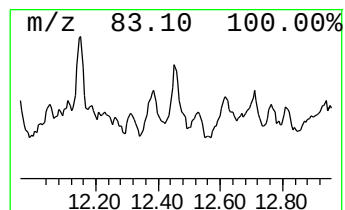
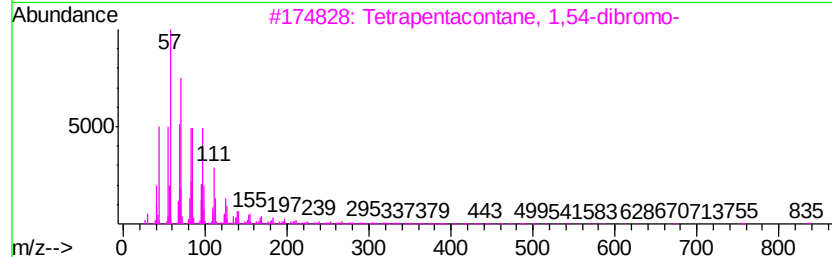
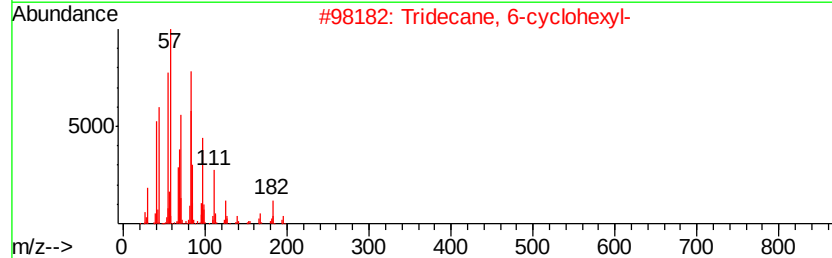
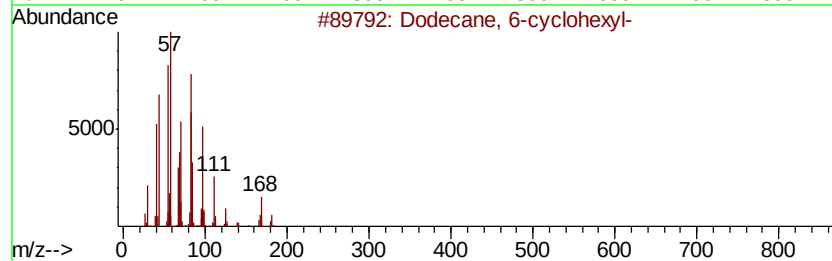
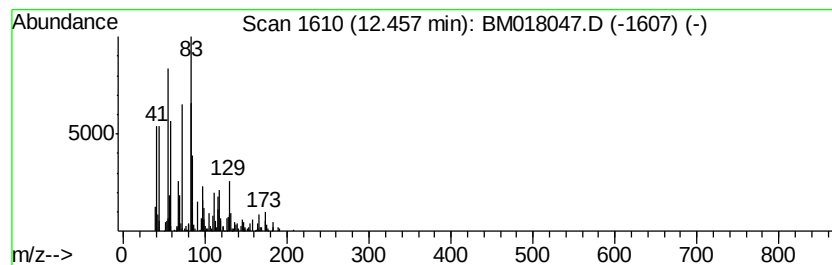
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.46 | 4.30 ng/ul | 659815 | Acenaphthene-d10 | 14.20 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Dodecane, 6-cyclohexyl-             | 252 | C18H36     | 013151-86-5  | 38   |
| 2    |    |   | Tridecane, 6-cyclohexyl-            | 266 | C19H38     | 013151-91-2  | 35   |
| 3    |    |   | Tetrapentacontane, 1,54-dibromo-    | 915 | C54H108Br2 | 1000156-09-4 | 27   |
| 4    |    |   | 4-Octanone                          | 128 | C8H16O     | 000589-63-9  | 18   |
| 5    |    |   | Cyclohexanecarboxylic acid, cycl... | 196 | C12H20O2   | 005420-91-7  | 18   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

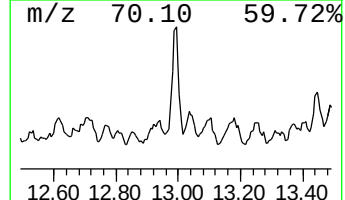
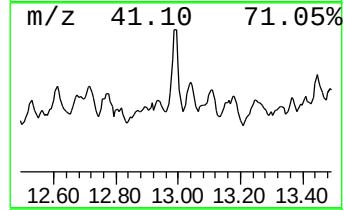
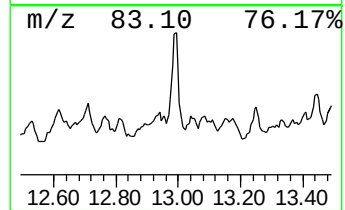
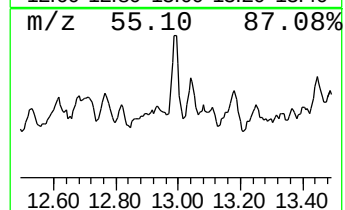
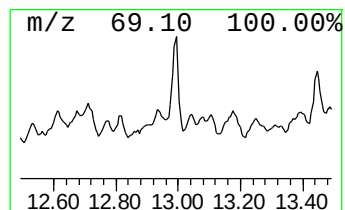
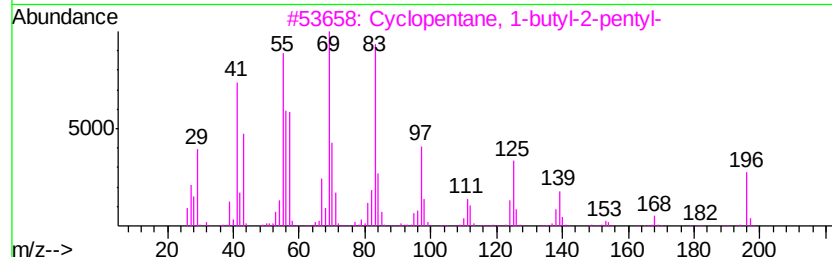
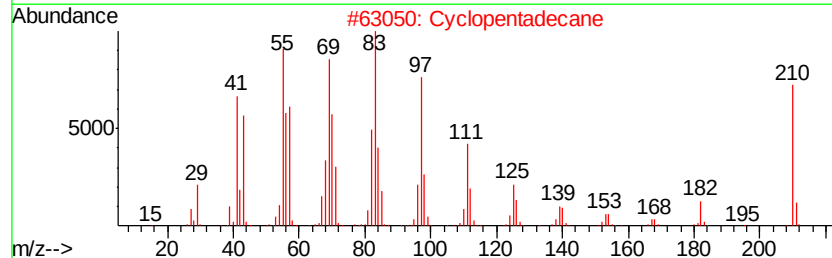
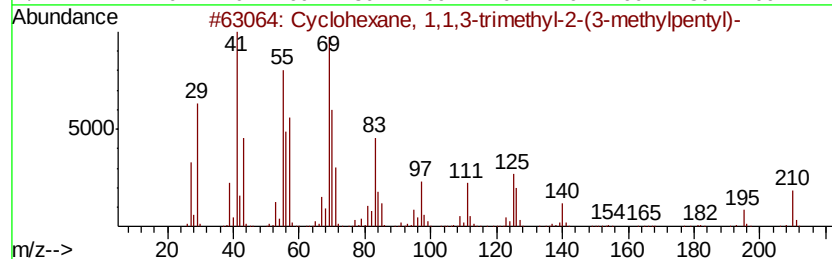
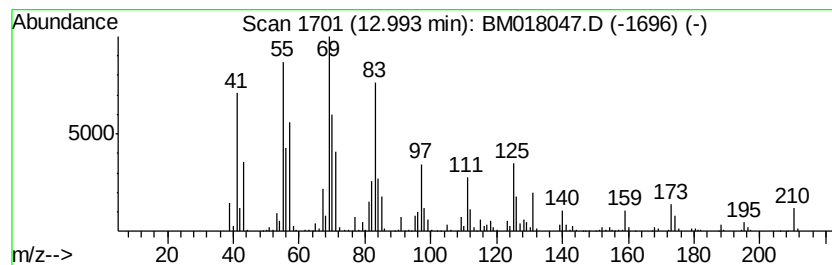
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 39 (DEL) Alkane: Cyclic12.99 Concentration Rank 12

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 12.99 | 8.12 ng/ul | 1244800 | Acenaphthene-d10 | 14.20 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1,1,3-trimethyl-2-(... | 210 | C15H30  | 054965-05-8 | 90   |
| 2    |    | Cyclopentadecane                    | 210 | C15H30  | 000295-48-7 | 64   |
| 3    |    | Cyclopentane, 1-butyl-2-pentyl-     | 196 | C14H28  | 061142-52-7 | 58   |
| 4    |    | 1-Pentadecene                       | 210 | C15H30  | 013360-61-7 | 55   |
| 5    |    | 7-Tetradecene, (E)-                 | 196 | C14H28  | 041446-63-3 | 53   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

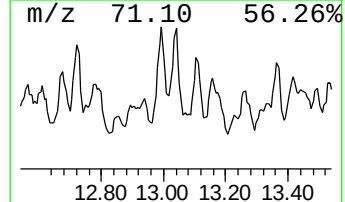
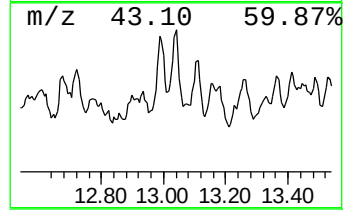
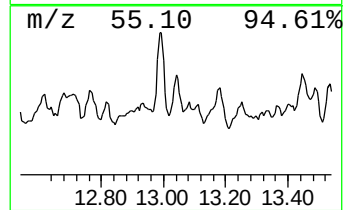
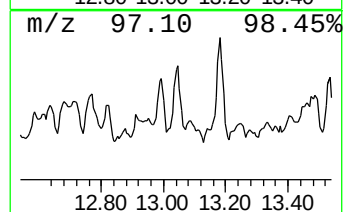
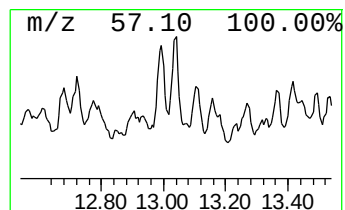
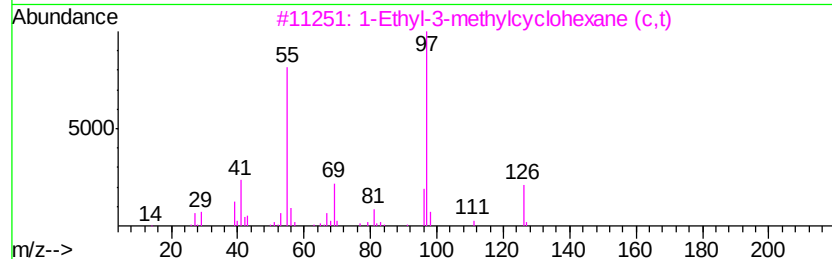
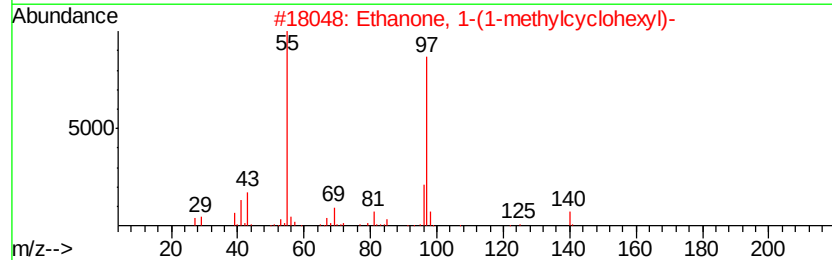
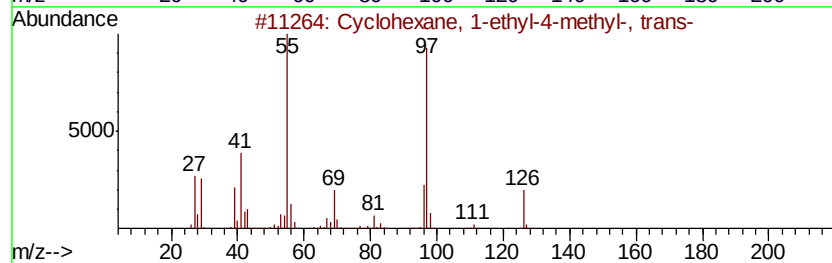
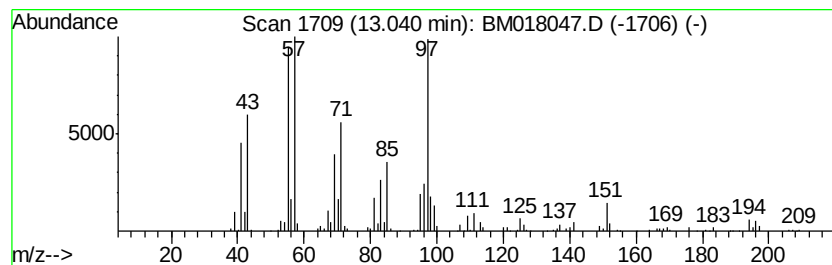
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 40 (DEL) Alkane: Cyclic13.04 Concentration Rank 46

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 13.04 | 2.36 ng/ul | 362404 | Acenaphthene-d10 | 14.20 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 006236-88-0 | 43   |
| 2    |    |   | Ethanone, 1-(1-methylcyclohexyl)-   | 140 | C9H16O  | 002890-62-2 | 43   |
| 3    |    |   | 1-Ethyl-3-methylcyclohexane (c,t)   | 126 | C9H18   | 003728-55-0 | 38   |
| 4    |    |   | Cyclohexane, 1-methyl-3-propyl-     | 140 | C10H20  | 004291-80-9 | 38   |
| 5    |    |   | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18   | 006236-88-0 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

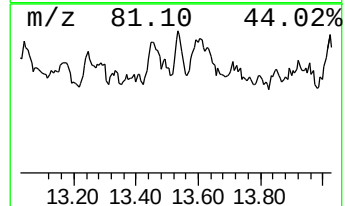
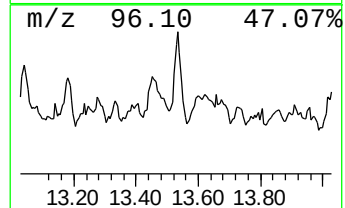
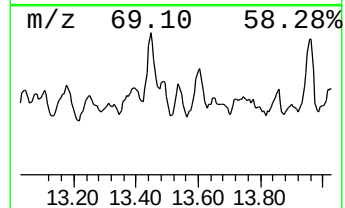
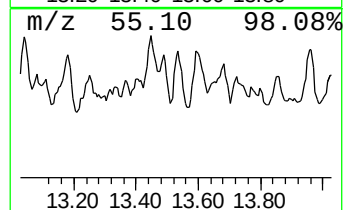
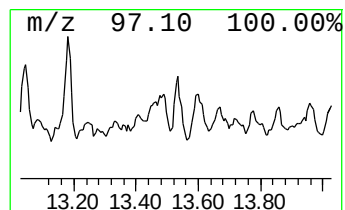
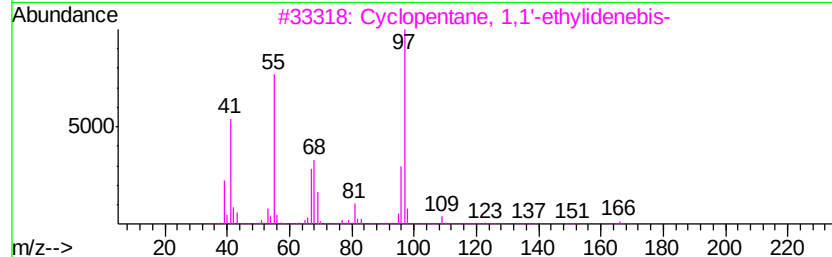
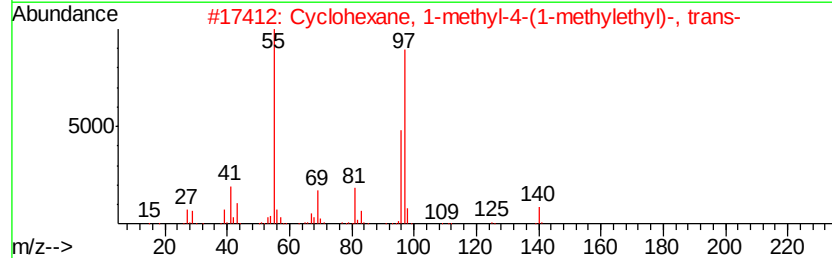
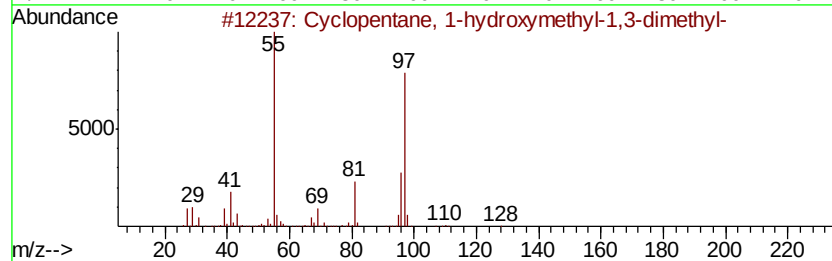
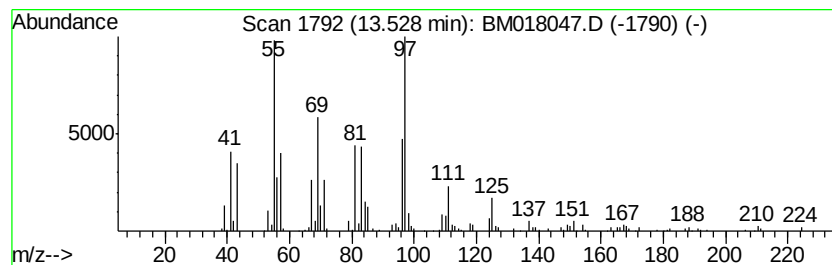
Instrument :  
BNA\_M  
ClientSampled :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 43 (DEL) Alkane: Cyclic13.53 Concentration Rank 49

| R.T.    | EstConc    | Area                                  | Relative to ISTD | R.T.            |
|---------|------------|---------------------------------------|------------------|-----------------|
| 13.53   | 2.06 ng/ul | 315837                                | Acenaphthene-d10 | 14.20           |
| Hit# of | 5          | Tentative ID                          | MW MolForm       | CAS# Qual       |
| 1       |            | Cyclopentane, 1-hydroxymethyl-1,...   | 128 C8H16O       | 1000156-73-8 43 |
| 2       |            | Cyclohexane, 1-methyl-4-(1-methyl-... | 140 C10H20       | 001678-82-6 38  |
| 3       |            | Cyclopentane, 1,1'-ethylidenebis-     | 166 C12H22       | 004413-21-2 38  |
| 4       |            | m-Menthane, (1S,3S)-(+)-              | 140 C10H20       | 013837-67-7 38  |
| 5       |            | 1,1'-Bicycloheptyl                    | 194 C14H26       | 023183-11-1 30  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

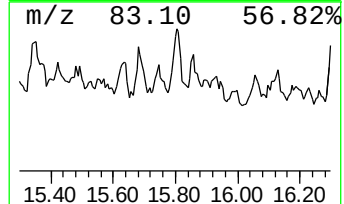
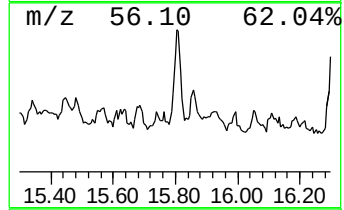
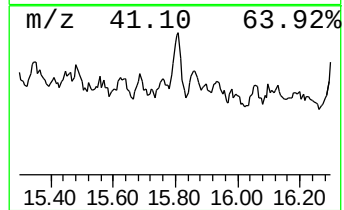
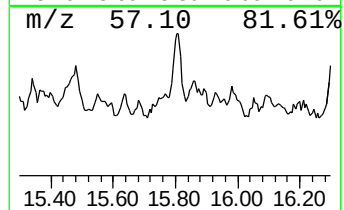
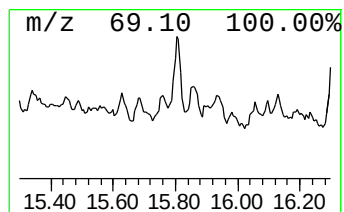
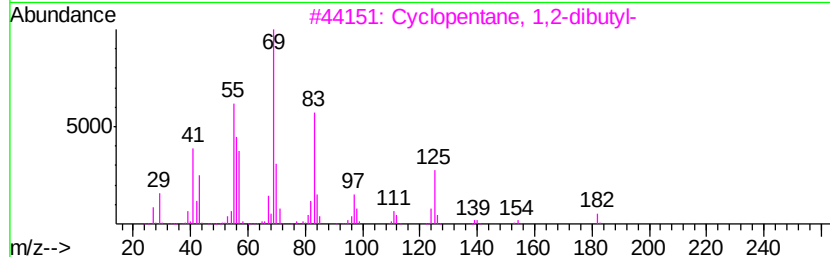
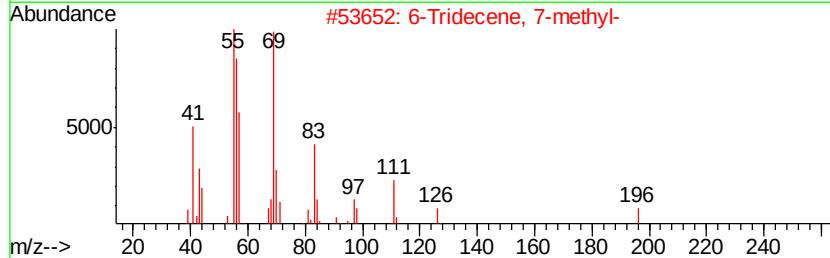
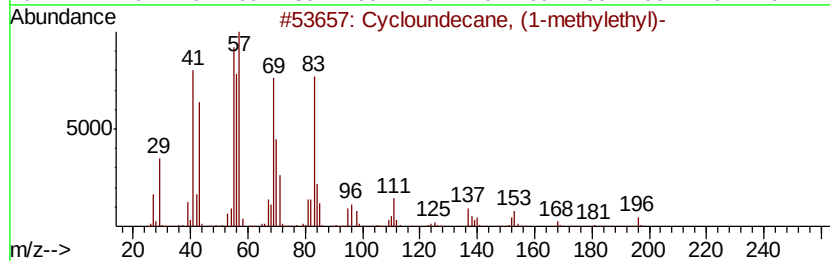
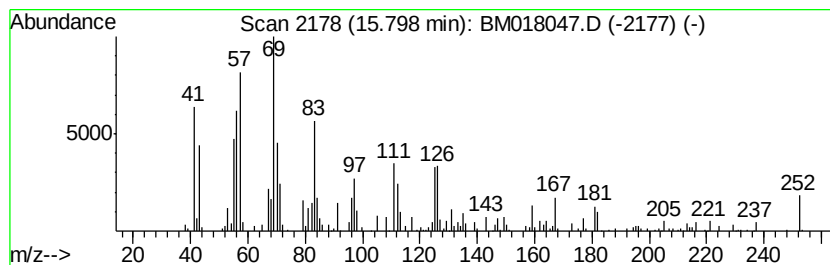
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 44 (DEL) Alkane: Cyclic15.80 Concentration Rank 34

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.80 | 3.40 ng/ul | 476411 | Phenanthrene-d10 | 16.96 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cycloundecane, (1-methylethyl)- | 196 | C14H28  | 062338-56-1 | 56   |
| 2    |    |   | 6-Tridecene, 7-methyl-          | 196 | C14H28  | 024949-42-6 | 47   |
| 3    |    |   | Cyclopentane, 1,2-dibutyl-      | 182 | C13H26  | 062199-52-4 | 46   |
| 4    |    |   | 7-Heptadecene, 7-methyl-, (E)-  | 252 | C18H36  | 055044-75-2 | 45   |
| 5    |    |   | 3-Heptene, 4-methyl-            | 112 | C8H16   | 004485-16-9 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\  
Data File : BM018047.D  
Acq On : 11 Dec 2018 04:57  
Operator : JU/SJ  
Sample : J6077-17  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION

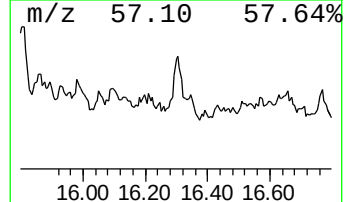
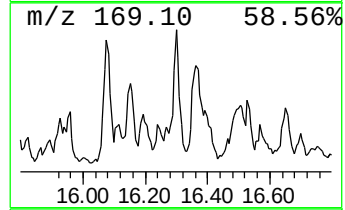
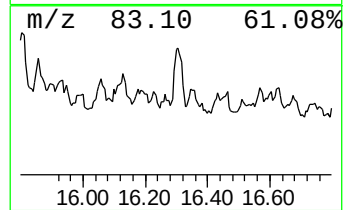
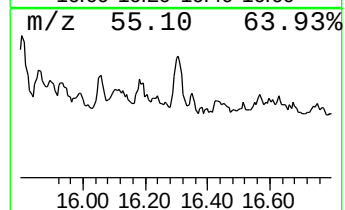
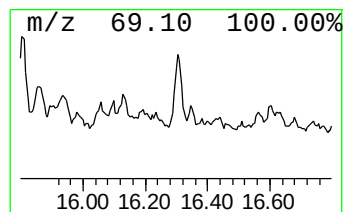
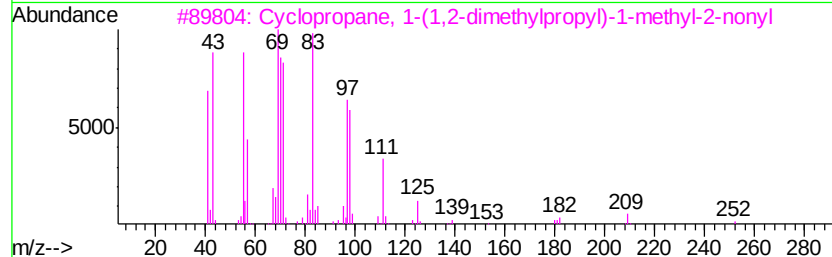
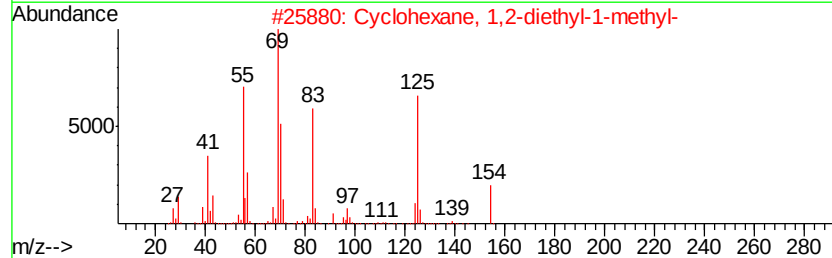
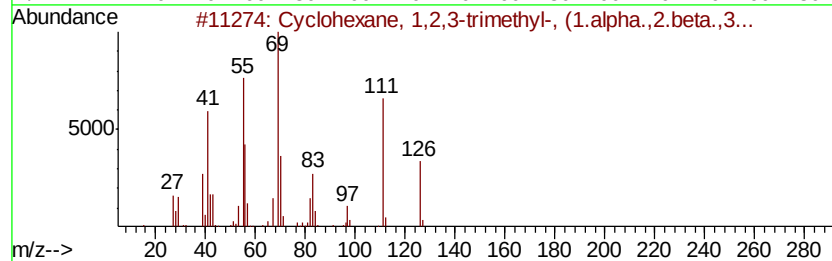
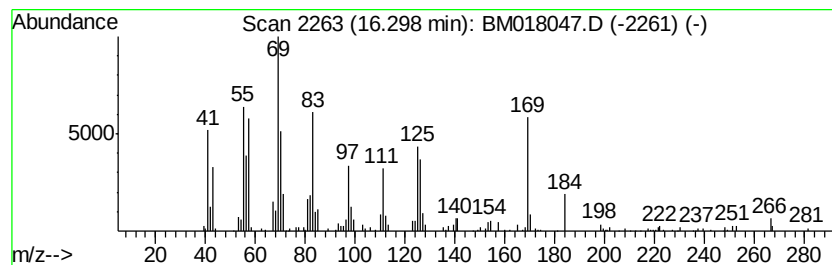
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 45 (DEL) Alkane: Cyclic16.30 Concentration Rank 38

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 16.30 | 2.99 ng/ul | 418929 | Phenanthrene-d10 | 16.96 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, 1,2,3-trimethyl-, (... | 126 | C9H18   | 001678-81-5 | 53   |
| 2    |    | Cyclohexane, 1,2-diethyl-1-methyl-  | 154 | C11H22  | 061141-79-5 | 52   |
| 3    |    | Cyclopropane, 1-(1,2-dimethylpro... | 252 | C18H36  | 041977-42-8 | 51   |
| 4    |    | 3-Heptene, 2,6-dimethyl-            | 126 | C9H18   | 002738-18-3 | 49   |
| 5    |    | Cyclohexane, 2,4-diethyl-1-methyl-  | 154 | C11H22  | 061142-70-9 | 46   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM121018\  
 Data File : BM018047.D  
 Acq On : 11 Dec 2018 04:57  
 Operator : JU/SJ  
 Sample : J6077-17  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9Y37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Cyc... | 5.82  | 2.3     | ng/ul | 154604   | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Str... | 6.23  | 3.4     | ng/ul | 226240   | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Cyc... | 6.69  | 2.2     | ng/ul | 149588   | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Cyc... | 7.36  | 3.5     | ng/ul | 233401   | 1                     | 7.55  | 1351720 | 20.0 |
| unknown-01           | 7.46  | 6.3     | ng/ul | 423551   | 1                     | 7.55  | 1351720 | 20.0 |
| unknown-02           | 7.61  | 2.5     | ng/ul | 165506   | 1                     | 7.55  | 1351720 | 20.0 |
| Cyclopropane, 2-(... | 7.70  | 8.6     | ng/ul | 583445   | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Str... | 7.79  | 3.0     | ng/ul | 206004   | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Cyc... | 8.08  | 5.2     | ng/ul | 350282   | 1                     | 7.55  | 1351720 | 20.0 |
| unknown-03           | 8.40  | 2.5     | ng/ul | 168839   | 1                     | 7.55  | 1351720 | 20.0 |
| trans-1,3-Diethyl... | 8.51  | 4.4     | ng/ul | 295133   | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Str... | 8.62  | 17.0    | ng/ul | 1146950  | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Cyc... | 8.87  | 12.4    | ng/ul | 841166   | 1                     | 7.55  | 1351720 | 20.0 |
| (DEL) Alkane: Cyc... | 8.98  | 5.6     | ng/ul | 567990   | 2                     | 10.32 | 2032900 | 20.0 |
| unknown-04           | 9.10  | 3.6     | ng/ul | 364281   | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Str... | 9.17  | 4.0     | ng/ul | 407193   | 2                     | 10.32 | 2032900 | 20.0 |
| Naphthalene, deca... | 9.23  | 3.2     | ng/ul | 326611   | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Cyc... | 9.76  | 4.8     | ng/ul | 487590   | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Str... | 10.05 | 4.2     | ng/ul | 430367   | 2                     | 10.32 | 2032900 | 20.0 |
| Naphthalene, deca... | 10.09 | 2.5     | ng/ul | 256436   | 2                     | 10.32 | 2032900 | 20.0 |
| unknown-05           | 10.39 | 4.4     | ng/ul | 447490   | 2                     | 10.32 | 2032900 | 20.0 |
| unknown-06           | 10.60 | 3.5     | ng/ul | 352168   | 2                     | 10.32 | 2032900 | 20.0 |
| unknown-07           | 10.71 | 6.4     | ng/ul | 650640   | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Cyc... | 10.79 | 12.8    | ng/ul | 1303190  | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Cyc... | 10.98 | 12.4    | ng/ul | 1259860  | 2                     | 10.32 | 2032900 | 20.0 |
| unknown-08           | 11.06 | 4.5     | ng/ul | 460186   | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Cyc... | 11.16 | 12.6    | ng/ul | 1282400  | 2                     | 10.32 | 2032900 | 20.0 |
| Cyclohexanecarbox... | 11.36 | 15.9    | ng/ul | 1616250  | 2                     | 10.32 | 2032900 | 20.0 |
| 3-Methoxy-6-methy... | 11.49 | 7.2     | ng/ul | 729871   | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Cyc... | 11.59 | 19.9    | ng/ul | 2026650  | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Cyc... | 12.05 | 6.7     | ng/ul | 680690   | 2                     | 10.32 | 2032900 | 20.0 |
| Zinc, bis[2-(1,1-... | 12.15 | 8.3     | ng/ul | 847012   | 2                     | 10.32 | 2032900 | 20.0 |
| (DEL) Alkane: Cyc... | 12.38 | 4.1     | ng/ul | 634204   | 3                     | 14.20 | 3066390 | 20.0 |
| (DEL) Alkane: Str... | 12.46 | 4.3     | ng/ul | 659815   | 3                     | 14.20 | 3066390 | 20.0 |
| (DEL) Alkane: Cyc... | 12.99 | 8.1     | ng/ul | 1244800  | 3                     | 14.20 | 3066390 | 20.0 |
| (DEL) Alkane: Cyc... | 13.04 | 2.4     | ng/ul | 362404   | 3                     | 14.20 | 3066390 | 20.0 |
| (DEL) Alkane: Cyc... | 13.53 | 2.1     | ng/ul | 315837   | 3                     | 14.20 | 3066390 | 20.0 |
| (DEL) Alkane: Cyc... | 15.80 | 3.4     | ng/ul | 476411   | 4                     | 16.96 | 2799360 | 20.0 |
| (DEL) Alkane: Cyc... | 16.30 | 3.0     | ng/ul | 418929   | 4                     | 16.96 | 2799360 | 20.0 |