

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
 Data File : BM013868.D  
 Acq On : 27 Jan 2018 05:34  
 Operator : SJ/JU  
 Sample : J1223-11DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A77DL

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 6.781    | 640        | 645      | 656       | rVB2  | 49764       | 102820     | 2.29%        | 0.158%     |
| 2      | 6.934    | 667        | 671      | 677       | rBV2  | 56165       | 86095      | 1.91%        | 0.133%     |
| 3      | 7.122    | 698        | 703      | 712       | rBV3  | 74318       | 139849     | 3.11%        | 0.215%     |
| 4      | 7.581    | 771        | 781      | 789       | rBV   | 587242      | 980883     | 21.80%       | 1.511%     |
| 5      | 8.322    | 899        | 907      | 915       | rBV7  | 39921       | 114606     | 2.55%        | 0.177%     |
| 6      | 8.752    | 974        | 980      | 984       | rBV2  | 75536       | 148646     | 3.30%        | 0.229%     |
| 7      | 8.793    | 984        | 987      | 997       | rVB   | 163271      | 253124     | 5.63%        | 0.390%     |
| 8      | 9.210    | 1052       | 1058     | 1065      | rBV7  | 34238       | 88505      | 1.97%        | 0.136%     |
| 9      | 9.463    | 1098       | 1101     | 1108      | rVV4  | 62267       | 124489     | 2.77%        | 0.192%     |
| 10     | 9.540    | 1108       | 1114     | 1120      | rVV6  | 52032       | 105700     | 2.35%        | 0.163%     |
| 11     | 9.640    | 1123       | 1131     | 1134      | rVB5  | 41550       | 77073      | 1.71%        | 0.119%     |
| 12     | 9.787    | 1148       | 1156     | 1164      | rBV3  | 99444       | 181745     | 4.04%        | 0.280%     |
| 13     | 9.887    | 1169       | 1173     | 1177      | rBV2  | 55593       | 75826      | 1.69%        | 0.117%     |
| 14     | 10.016   | 1188       | 1195     | 1198      | rBV3  | 62289       | 116040     | 2.58%        | 0.179%     |
| 15     | 10.334   | 1241       | 1249     | 1250      | rBV   | 627876      | 850288     | 18.90%       | 1.309%     |
| 16     | 10.357   | 1251       | 1253     | 1260      | rVV   | 783039      | 1090753    | 24.25%       | 1.680%     |
| 17     | 10.516   | 1276       | 1280     | 1287      | rVV3  | 269405      | 457458     | 10.17%       | 0.705%     |
| 18     | 10.581   | 1287       | 1291     | 1299      | rVV6  | 45909       | 97547      | 2.17%        | 0.150%     |
| 19     | 10.740   | 1312       | 1318     | 1325      | rBV7  | 47376       | 105698     | 2.35%        | 0.163%     |
| 20     | 11.046   | 1358       | 1370     | 1374      | rBV9  | 60322       | 168684     | 3.75%        | 0.260%     |
| 21     | 11.116   | 1379       | 1382     | 1389      | rVV4  | 79142       | 123650     | 2.75%        | 0.190%     |
| 22     | 11.187   | 1389       | 1394     | 1401      | rVB3  | 74331       | 131866     | 2.93%        | 0.203%     |
| 23     | 11.269   | 1403       | 1408     | 1414      | rVB   | 154148      | 254393     | 5.65%        | 0.392%     |
| 24     | 11.381   | 1421       | 1427     | 1432      | rBV   | 524324      | 849568     | 18.89%       | 1.308%     |
| 25     | 11.422   | 1432       | 1434     | 1446      | rVB9  | 82140       | 226217     | 5.03%        | 0.348%     |
| 26     | 11.787   | 1488       | 1496     | 1503      | rBV   | 1033904     | 1570761    | 34.92%       | 2.419%     |
| 27     | 12.087   | 1543       | 1547     | 1555      | rVB10 | 43228       | 87339      | 1.94%        | 0.135%     |
| 28     | 12.246   | 1567       | 1574     | 1577      | rBV7  | 45060       | 106068     | 2.36%        | 0.163%     |
| 29     | 12.440   | 1599       | 1607     | 1610      | rVV5  | 103155      | 220690     | 4.91%        | 0.340%     |
| 30     | 12.487   | 1610       | 1615     | 1621      | rVV5  | 114966      | 300184     | 6.67%        | 0.462%     |
| 31     | 12.545   | 1621       | 1625     | 1632      | rVV3  | 90338       | 191120     | 4.25%        | 0.294%     |
| 32     | 12.616   | 1633       | 1637     | 1648      | rVV   | 212080      | 433007     | 9.63%        | 0.667%     |
| 33     | 12.704   | 1648       | 1652     | 1657      | rVV   | 163438      | 258498     | 5.75%        | 0.398%     |
| 34     | 12.757   | 1657       | 1661     | 1666      | rVV   | 483070      | 686267     | 15.26%       | 1.057%     |

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Filtering: 5  
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 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 35 | 12.810 | 1666 | 1670 | 1680 | rVB10 | 77922   | 161975  | 3.60%  | 0.249% |
| 36 | 12.998 | 1696 | 1702 | 1704 | rBV6  | 61011   | 100000  | 2.22%  | 0.154% |
| 37 | 13.057 | 1706 | 1712 | 1719 | rVB   | 1155377 | 1782854 | 39.63% | 2.746% |
| 38 | 13.145 | 1724 | 1727 | 1731 | rBV6  | 58262   | 82938   | 1.84%  | 0.128% |
| 39 | 13.216 | 1736 | 1739 | 1744 | rVB7  | 68086   | 111711  | 2.48%  | 0.172% |
| 40 | 13.581 | 1799 | 1801 | 1806 | rVB5  | 56502   | 85316   | 1.90%  | 0.131% |
| 41 | 13.645 | 1806 | 1812 | 1818 | rBV2  | 244763  | 549432  | 12.21% | 0.846% |
| 42 | 13.716 | 1818 | 1824 | 1829 | rVV3  | 709286  | 1144307 | 25.44% | 1.762% |
| 43 | 13.763 | 1829 | 1832 | 1841 | rVB2  | 252322  | 385685  | 8.57%  | 0.594% |
| 44 | 13.840 | 1841 | 1845 | 1848 | rBV2  | 131860  | 186953  | 4.16%  | 0.288% |
| 45 | 13.928 | 1856 | 1860 | 1864 | rBV   | 220562  | 307805  | 6.84%  | 0.474% |
| 46 | 14.057 | 1878 | 1882 | 1890 | rVB3  | 148604  | 278290  | 6.19%  | 0.429% |
| 47 | 14.145 | 1890 | 1897 | 1901 | rBV   | 1316040 | 1745629 | 38.80% | 2.688% |
| 48 | 14.234 | 1901 | 1912 | 1919 | rVV2  | 1093123 | 1943746 | 43.21% | 2.993% |
| 49 | 14.298 | 1919 | 1923 | 1932 | rVB4  | 131364  | 253071  | 5.63%  | 0.390% |
| 50 | 14.381 | 1933 | 1937 | 1946 | rVB   | 196182  | 303907  | 6.76%  | 0.468% |
| 51 | 14.569 | 1964 | 1969 | 1970 | rBV4  | 46355   | 77817   | 1.73%  | 0.120% |
| 52 | 14.587 | 1970 | 1972 | 1978 | rVB7  | 83565   | 150129  | 3.34%  | 0.231% |
| 53 | 14.645 | 1979 | 1982 | 1986 | rVB2  | 163018  | 193127  | 4.29%  | 0.297% |
| 54 | 14.698 | 1989 | 1991 | 1995 | rVB5  | 67319   | 76008   | 1.69%  | 0.117% |
| 55 | 14.763 | 1998 | 2002 | 2006 | rBV3  | 316506  | 474537  | 10.55% | 0.731% |
| 56 | 14.951 | 2030 | 2034 | 2037 | rBV5  | 50683   | 78273   | 1.74%  | 0.121% |
| 57 | 15.010 | 2039 | 2044 | 2051 | rVB7  | 125145  | 280200  | 6.23%  | 0.432% |
| 58 | 15.098 | 2054 | 2059 | 2064 | rVV   | 1291614 | 1621520 | 36.05% | 2.497% |
| 59 | 15.239 | 2078 | 2083 | 2087 | rVB   | 266740  | 400013  | 8.89%  | 0.616% |
| 60 | 15.292 | 2088 | 2092 | 2094 | rBV3  | 65699   | 105918  | 2.35%  | 0.163% |
| 61 | 15.504 | 2122 | 2128 | 2133 | rBV   | 514457  | 837316  | 18.61% | 1.290% |
| 62 | 15.604 | 2140 | 2145 | 2150 | rVB4  | 181920  | 312409  | 6.94%  | 0.481% |
| 63 | 15.657 | 2150 | 2154 | 2158 | rBV2  | 165714  | 236121  | 5.25%  | 0.364% |
| 64 | 15.710 | 2159 | 2163 | 2175 | rVB4  | 235895  | 446395  | 9.92%  | 0.687% |
| 65 | 15.969 | 2201 | 2207 | 2209 | rBV   | 1522174 | 2459949 | 54.68% | 3.788% |
| 66 | 16.033 | 2215 | 2218 | 2223 | rVB5  | 108513  | 143346  | 3.19%  | 0.221% |
| 67 | 16.304 | 2261 | 2264 | 2268 | rBV3  | 113931  | 157441  | 3.50%  | 0.242% |
| 68 | 16.469 | 2290 | 2292 | 2297 | rVB2  | 101758  | 122612  | 2.73%  | 0.189% |
| 69 | 16.539 | 2301 | 2304 | 2306 | rVV3  | 105133  | 130596  | 2.90%  | 0.201% |
| 70 | 16.569 | 2306 | 2309 | 2312 | rVB2  | 105539  | 120553  | 2.68%  | 0.186% |
| 71 | 16.645 | 2317 | 2322 | 2330 | rVV   | 1531423 | 2192549 | 48.74% | 3.377% |

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Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 16.757 | 2337 | 2341 | 2346 | rBV  | 1429976 | 1727001 | 38.39%  | 2.660% |
| 73  | 16.810 | 2346 | 2350 | 2360 | rVB  | 524210  | 861007  | 19.14%  | 1.326% |
| 74  | 16.898 | 2362 | 2365 | 2374 | rVB4 | 125021  | 240891  | 5.35%   | 0.371% |
| 75  | 16.992 | 2376 | 2381 | 2385 | rBV  | 1338699 | 1901572 | 42.27%  | 2.929% |
| 76  | 17.033 | 2385 | 2388 | 2392 | rVV  | 208403  | 304217  | 6.76%   | 0.469% |
| 77  | 17.092 | 2394 | 2398 | 2402 | rVV  | 347427  | 530797  | 11.80%  | 0.817% |
| 78  | 17.128 | 2402 | 2404 | 2409 | rVB3 | 119723  | 156050  | 3.47%   | 0.240% |
| 79  | 17.228 | 2417 | 2421 | 2426 | rVB3 | 184621  | 300387  | 6.68%   | 0.463% |
| 80  | 17.351 | 2440 | 2442 | 2446 | rVB2 | 89006   | 87433   | 1.94%   | 0.135% |
| 81  | 17.416 | 2449 | 2453 | 2459 | rVB3 | 180425  | 285360  | 6.34%   | 0.439% |
| 82  | 17.498 | 2462 | 2467 | 2472 | rVB  | 1579615 | 1922087 | 42.73%  | 2.960% |
| 83  | 17.780 | 2511 | 2515 | 2524 | rBV  | 110640  | 235992  | 5.25%   | 0.363% |
| 84  | 17.998 | 2550 | 2552 | 2555 | rBV4 | 77884   | 99811   | 2.22%   | 0.154% |
| 85  | 18.192 | 2580 | 2585 | 2590 | rBV  | 1600914 | 2000999 | 44.48%  | 3.082% |
| 86  | 18.657 | 2661 | 2664 | 2668 | rVB2 | 118665  | 144485  | 3.21%   | 0.223% |
| 87  | 18.827 | 2689 | 2693 | 2701 | rVB  | 1766445 | 2063396 | 45.87%  | 3.178% |
| 88  | 18.992 | 2718 | 2721 | 2727 | rBV6 | 104142  | 179026  | 3.98%   | 0.276% |
| 89  | 19.057 | 2727 | 2732 | 2740 | rVB  | 1890488 | 2481260 | 55.16%  | 3.821% |
| 90  | 19.416 | 2785 | 2793 | 2802 | rBV3 | 2705983 | 4498584 | 100.00% | 6.928% |
| 91  | 19.951 | 2880 | 2884 | 2889 | rVB  | 1758980 | 1911242 | 42.49%  | 2.943% |
| 92  | 20.451 | 2964 | 2969 | 2977 | rBV  | 1458033 | 1707781 | 37.96%  | 2.630% |
| 93  | 20.916 | 3044 | 3048 | 3052 | rVB  | 1293147 | 1397066 | 31.06%  | 2.152% |
| 94  | 21.192 | 3089 | 3095 | 3099 | rBV2 | 1726552 | 2473283 | 54.98%  | 3.809% |
| 95  | 21.345 | 3118 | 3121 | 3126 | rVB  | 1012848 | 1170392 | 26.02%  | 1.802% |
| 96  | 21.774 | 3191 | 3194 | 3199 | rVB  | 860820  | 931398  | 20.70%  | 1.434% |
| 97  | 22.227 | 3267 | 3271 | 3275 | rBV  | 606429  | 752875  | 16.74%  | 1.159% |
| 98  | 22.715 | 3350 | 3354 | 3359 | rBV2 | 487777  | 718225  | 15.97%  | 1.106% |
| 99  | 23.262 | 3441 | 3447 | 3457 | rVB3 | 412476  | 1046628 | 23.27%  | 1.612% |
| 100 | 23.380 | 3462 | 3467 | 3474 | rVB2 | 1114892 | 1957279 | 43.51%  | 3.014% |

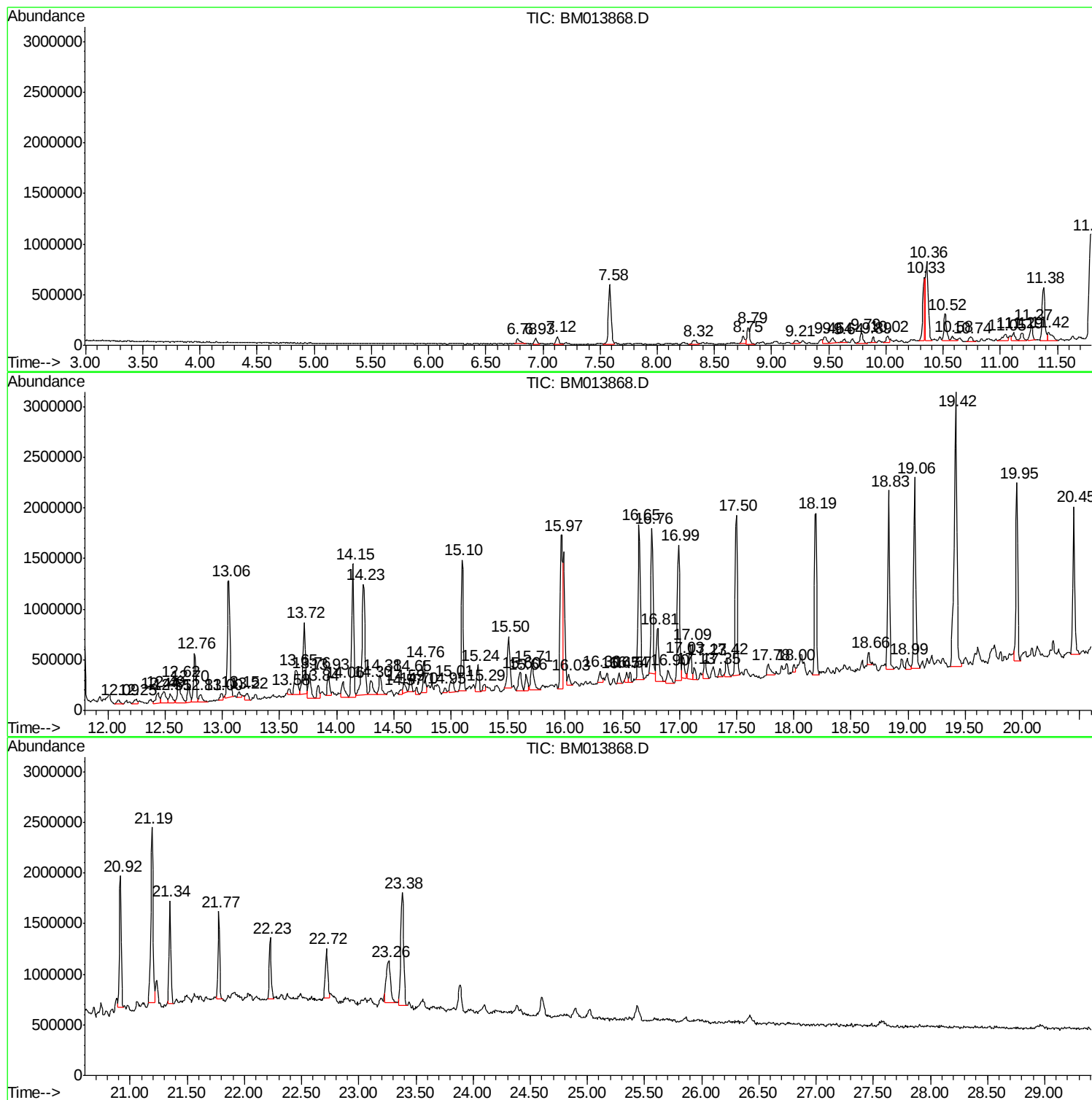
Sum of corrected areas: 64932429

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Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

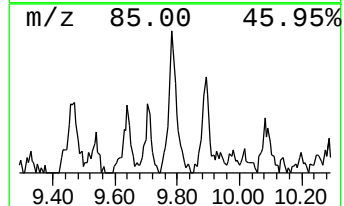
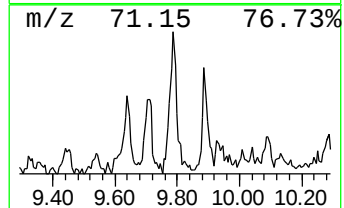
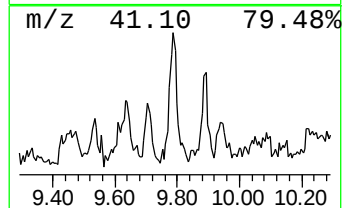
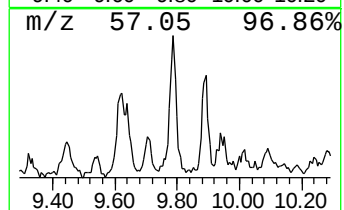
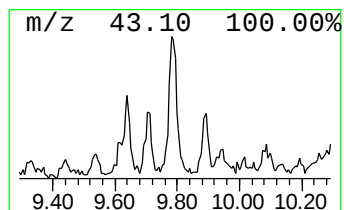
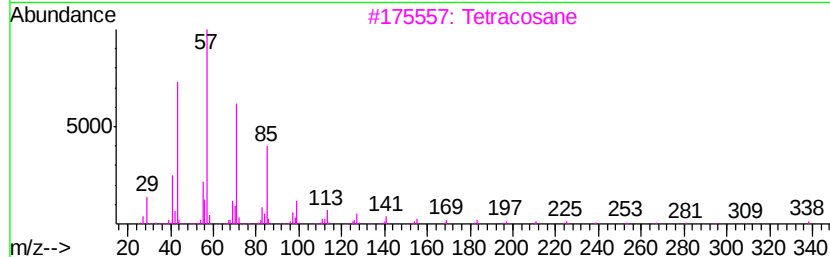
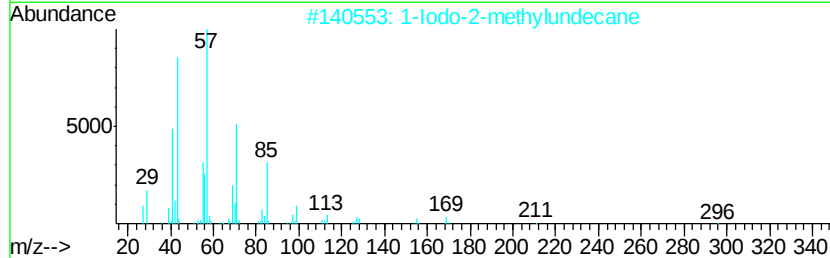
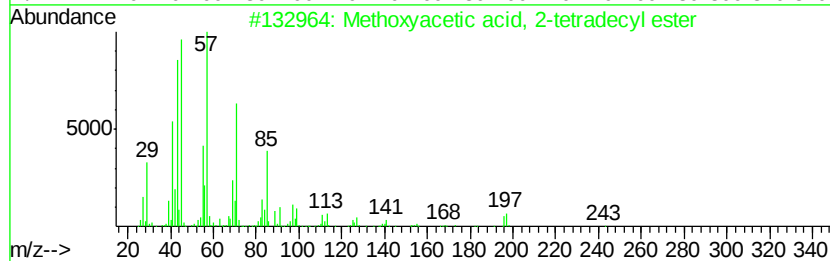
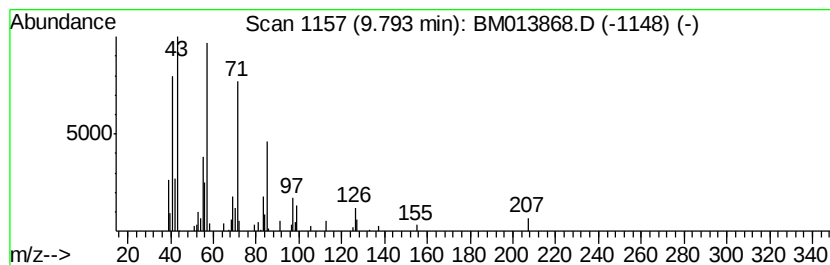
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Methoxyacetic acid, 2-tetra... Concentration Rank 26

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.79 | 3.33 ng/ul | 181745 | Naphthalene-d8   | 10.36 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methoxyacetic acid, 2-tetradecyl... | 286 | C17H34O3 | 1000282-04-8 | 83   |
| 2    |    |   | 1-Iodo-2-methylundecane             | 296 | C12H25I  | 073105-67-6  | 72   |
| 3    |    |   | Tetracosane                         | 338 | C24H50   | 000646-31-1  | 64   |
| 4    |    |   | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42   | 000638-36-8  | 64   |
| 5    |    |   | Octacosane                          | 394 | C28H58   | 000630-02-4  | 59   |



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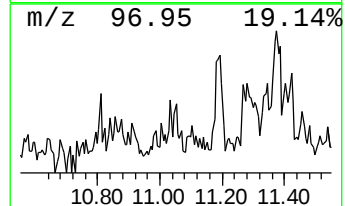
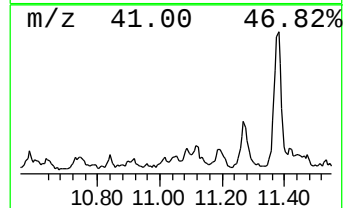
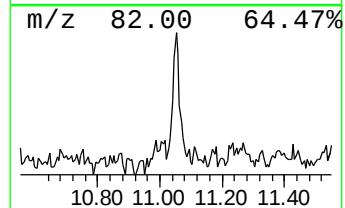
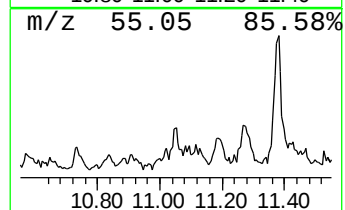
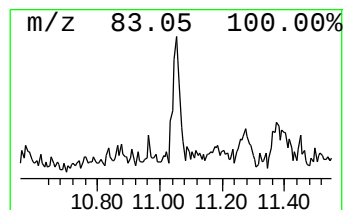
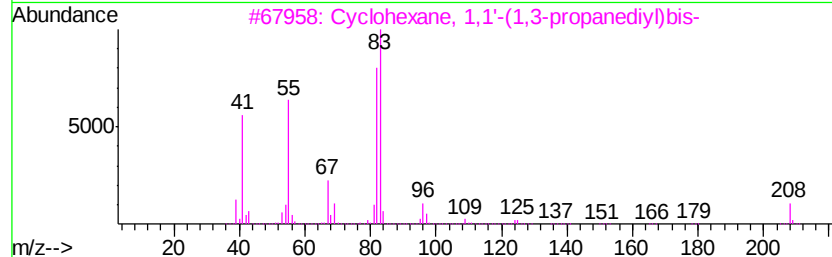
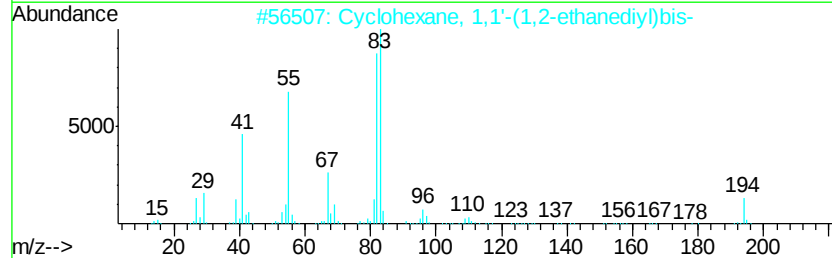
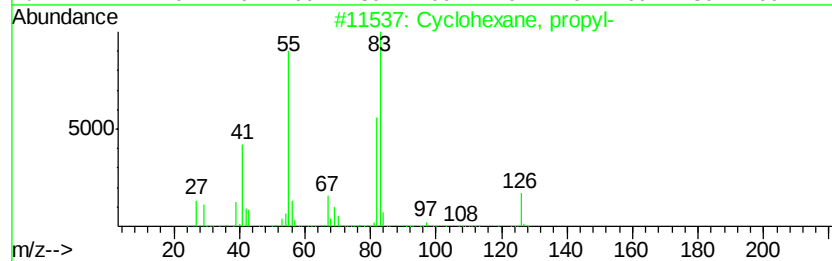
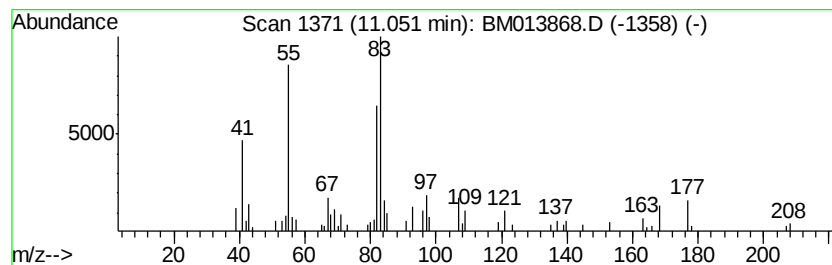
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Cyclic11.05 Concentration Rank 30

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.05 | 3.09 ng/ul | 168684 | Napthalene-d8    | 10.36 |

| Hit# | of | Tentative ID                           | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Cyclohexane, propyl-                   | 126 | C9H18   | 001678-92-8 | 43   |
| 2    |    | Cyclohexane, 1,1'-(1,2-ethanediyl)...  | 194 | C14H26  | 003321-50-4 | 43   |
| 3    |    | Cyclohexane, 1,1'-(1,3-propanediyl)... | 208 | C15H28  | 003178-24-3 | 43   |
| 4    |    | Cyclohexane, (4-methylpentyl)-         | 168 | C12H24  | 061142-20-9 | 43   |
| 5    |    | Cyclohexane, 2-propenyl-               | 124 | C9H16   | 002114-42-3 | 43   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

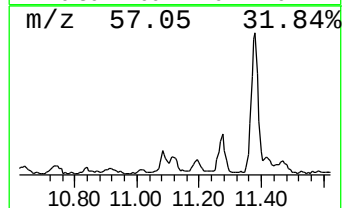
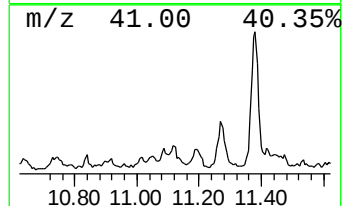
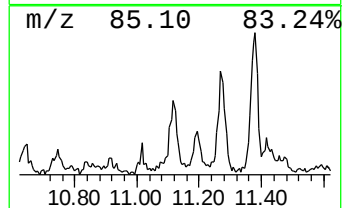
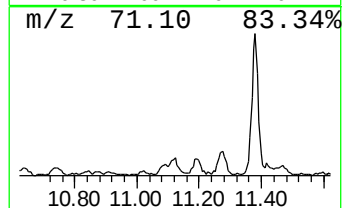
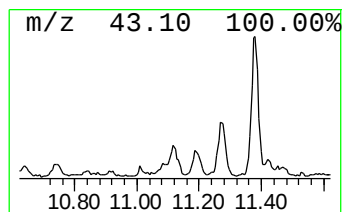
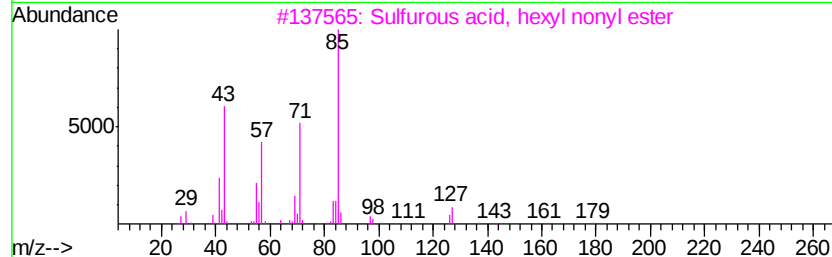
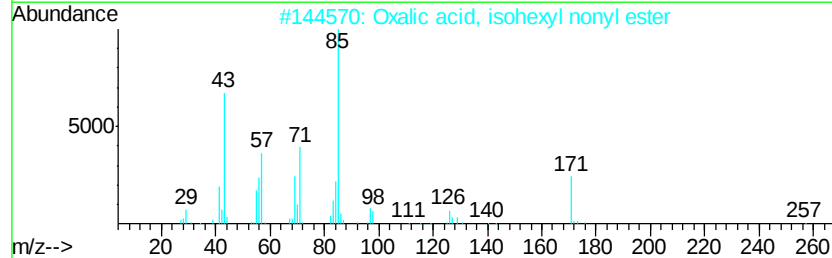
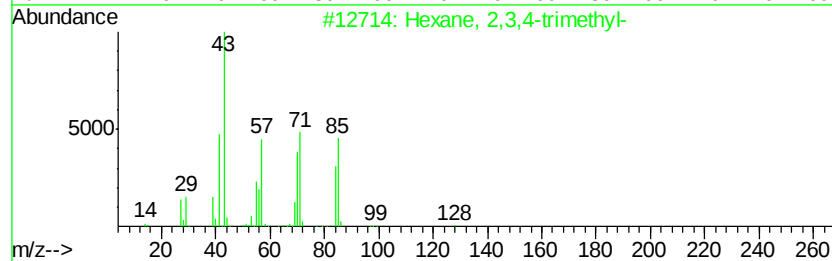
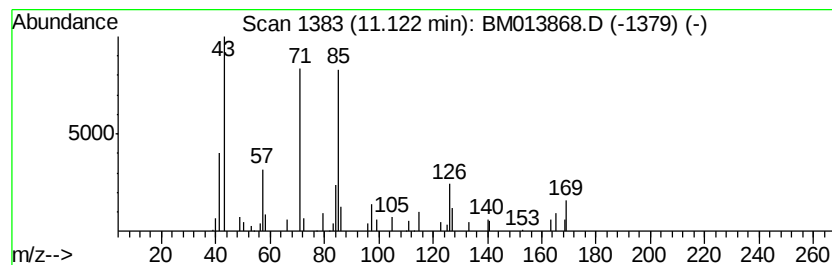
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.12 | 2.27 ng/ul | 123650 | Napthalene-d8    | 10.36 |

| Hit# | of | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|-----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Hexane, 2,3,4-trimethyl-          | 128 | C9H20     | 000921-47-1  | 43   |
| 2    |    | Oxalic acid, isohexyl nonyl ester | 300 | C17H32O4  | 1000309-33-2 | 42   |
| 3    |    | Sulfurous acid, hexyl nonyl ester | 292 | C15H32O3S | 1000309-13-1 | 40   |
| 4    |    | Decane, 4-ethyl-                  | 170 | C12H26    | 001636-44-8  | 38   |
| 5    |    | Hexane, 3-ethyl-                  | 114 | C8H18     | 000619-99-8  | 35   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

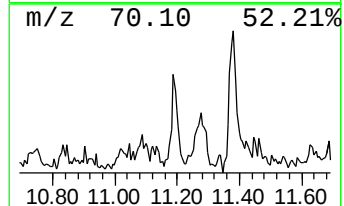
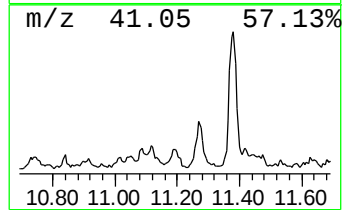
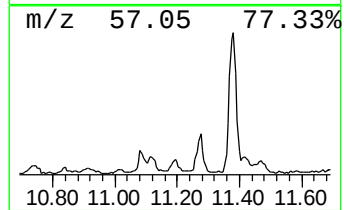
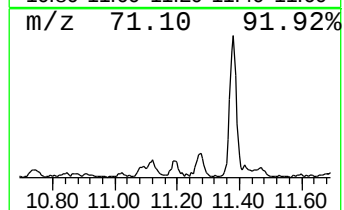
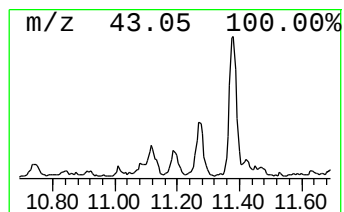
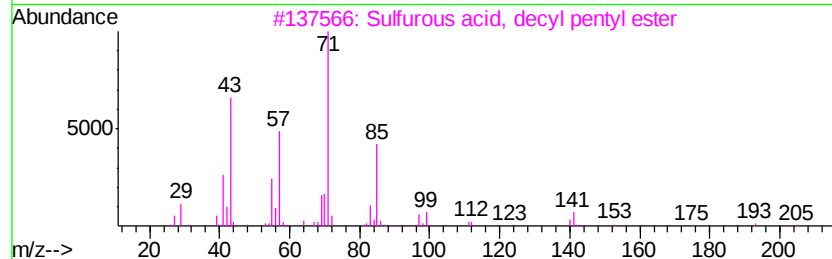
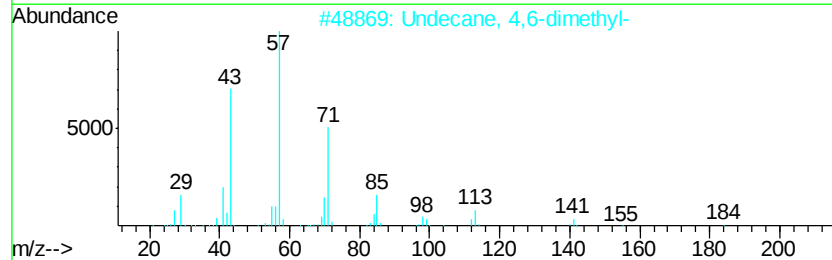
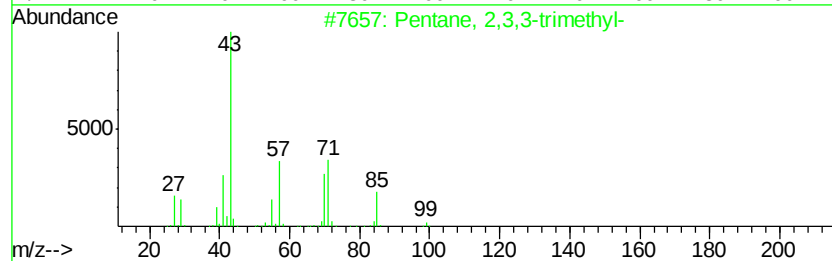
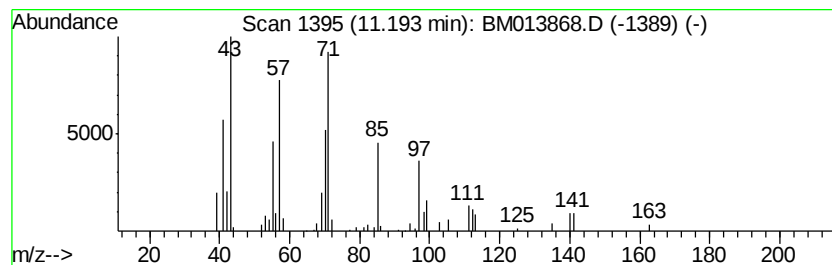
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 39

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.19 | 2.42 ng/ul | 131866 | Napthalene-d8    | 10.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Pentane, 2,3,3-trimethyl-           | 114 | C8H18     | 000560-21-4  | 50   |
| 2    |    | Undecane, 4,6-dimethyl-             | 184 | C13H28    | 017312-82-2  | 50   |
| 3    |    | Sulfurous acid, decyl pentyl ester  | 292 | C15H32O3S | 1000309-14-3 | 50   |
| 4    |    | Sulfurous acid, decyl 2-pentyl e... | 292 | C15H32O3S | 1000309-15-9 | 47   |
| 5    |    | Isobutyl isopentyl carbonate        | 188 | C10H20O3  | 1000372-76-3 | 47   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

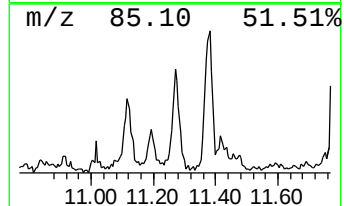
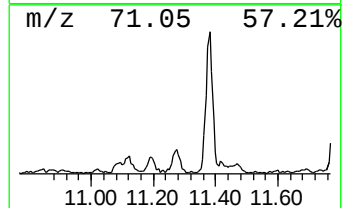
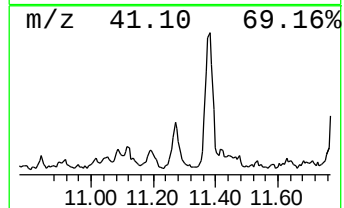
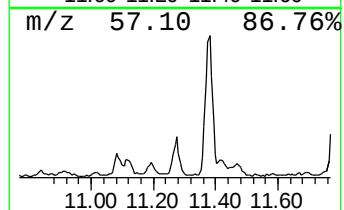
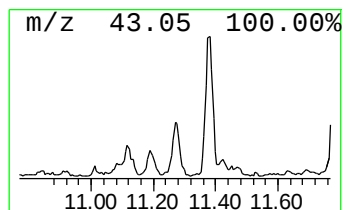
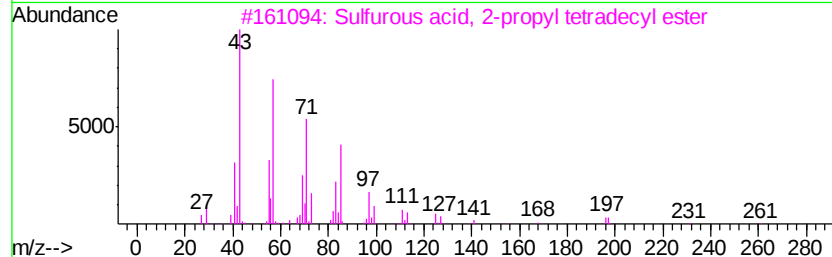
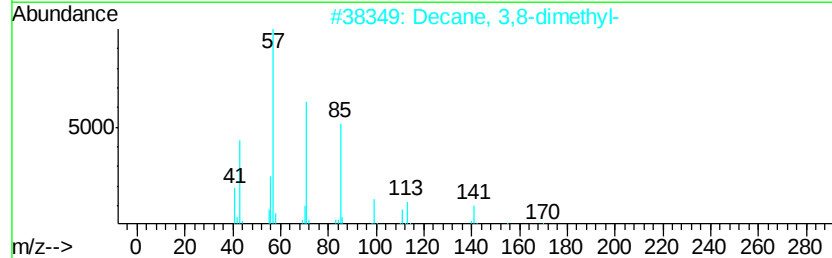
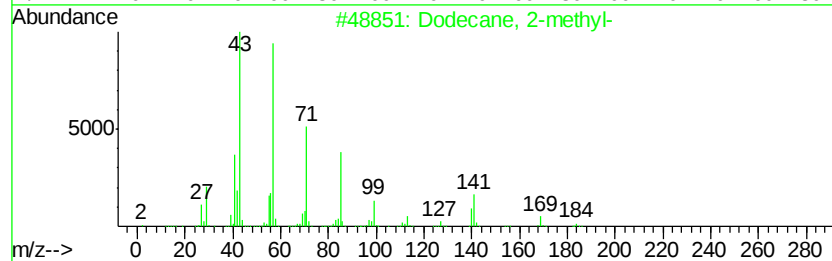
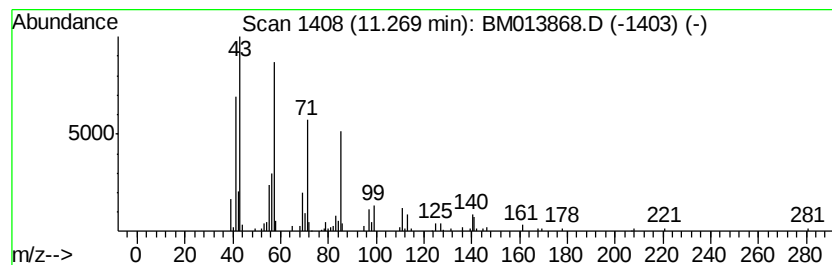
Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.      | EstConc                              | Area   | Relative to ISTD | R.T.         |      |
|-----------|--------------------------------------|--------|------------------|--------------|------|
| 11.27     | 4.66 ng/ul                           | 254393 | Napthalene-d8    | 10.36        |      |
| Hit# of 5 | Tentative ID                         | MW     | MolForm          | CAS#         | Qual |
| 1         | Dodecane, 2-methyl-                  | 184    | C13H28           | 001560-97-0  | 72   |
| 2         | Decane, 3,8-dimethyl-                | 170    | C12H26           | 017312-55-9  | 64   |
| 3         | Sulfurous acid, 2-propyl tetradec... | 320    | C17H36O3S        | 1000309-12-5 | 64   |
| 4         | Nonadecane, 9-methyl-                | 282    | C20H42           | 013287-24-6  | 58   |
| 5         | Decane, 1-iodo-                      | 268    | C10H21I          | 002050-77-3  | 58   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

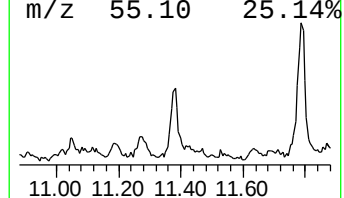
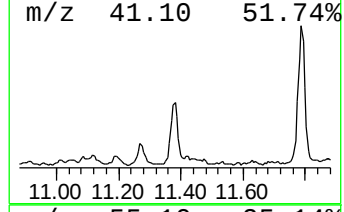
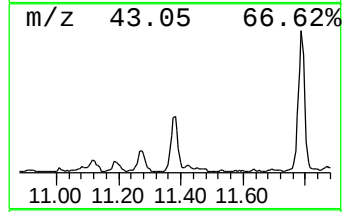
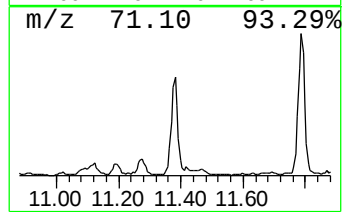
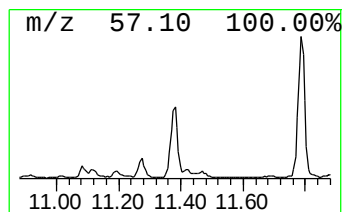
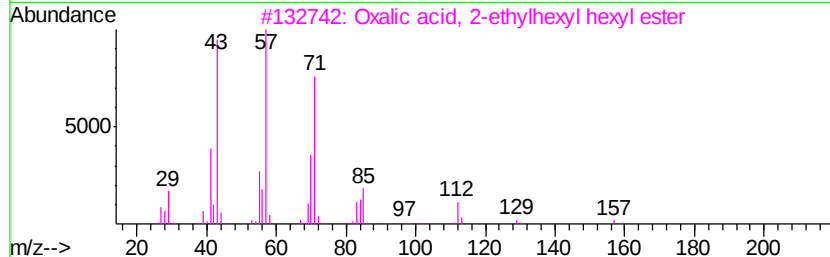
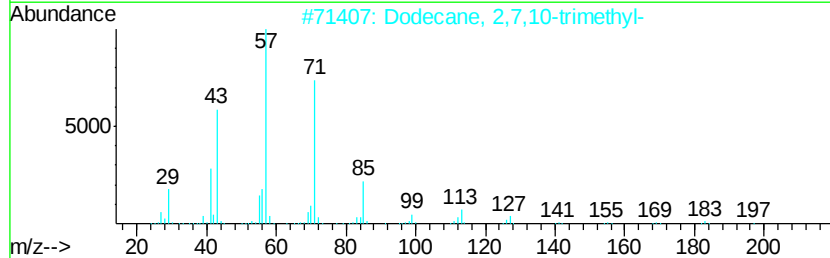
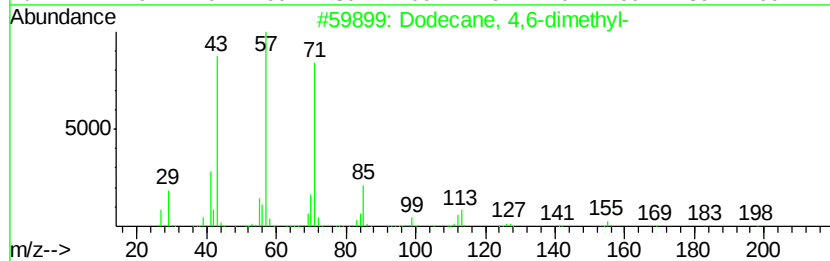
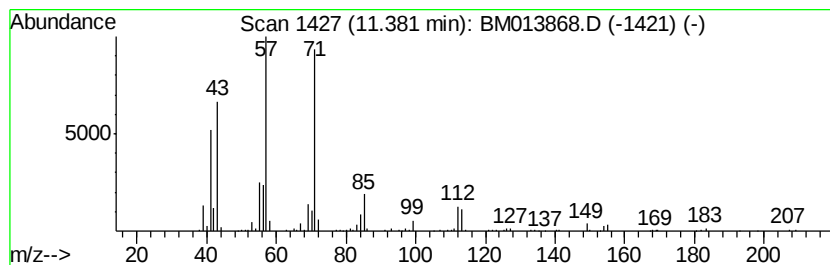
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.  |
|-------|-------------|--------|------------------|-------|
| 11.38 | 15.58 ng/ul | 849568 | Napthalene-d8    | 10.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Dodecane, 4,6-dimethyl-             | 198 | C14H30    | 061141-72-8  | 80   |
| 2    |    | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32    | 074645-98-0  | 72   |
| 3    |    | Oxalic acid, 2-ethylhexyl hexyl ... | 286 | C16H30O4  | 1000309-38-9 | 72   |
| 4    |    | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 72   |
| 5    |    | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 59   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

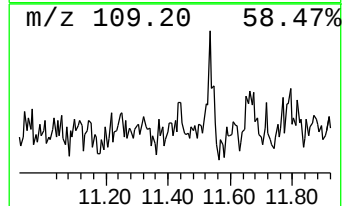
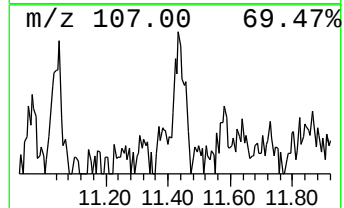
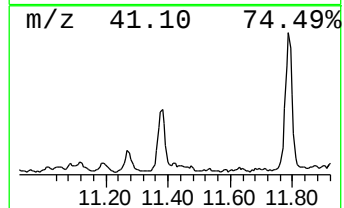
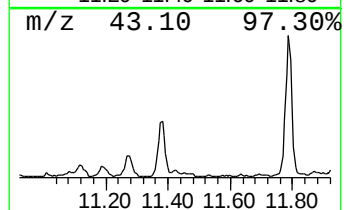
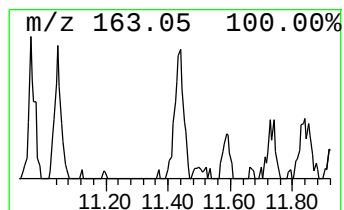
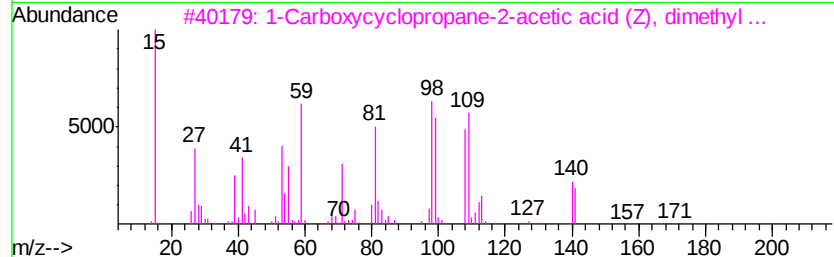
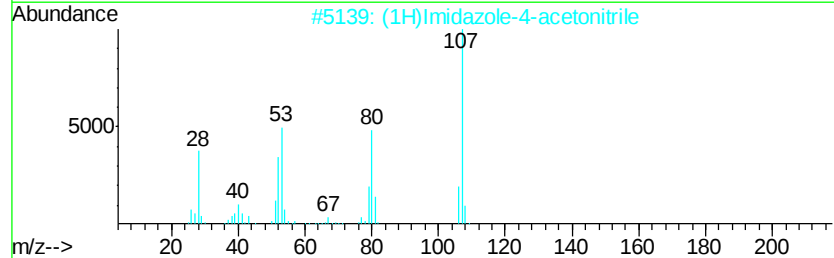
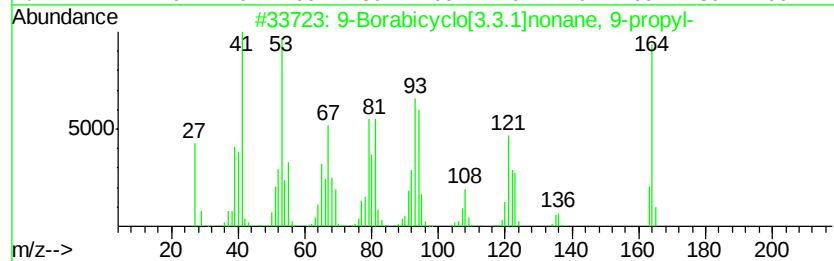
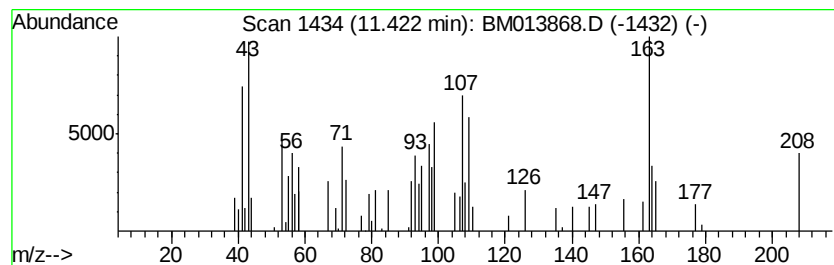
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown-01 Concentration Rank 24

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.42 | 4.15 ng/ul | 226217 | Naphthalene-d8   | 10.36 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 9-Borabicyclo[3.3.1]nonane, 9-pr... | 164 | C11H21B  | 001127-78-2  | 22   |
| 2    |    | (1H)Imidazole-4-acetonitrile        | 107 | C5H5N3   | 018502-05-1  | 16   |
| 3    |    | 1-Carboxycyclopropane-2-acetic a... | 172 | C8H12O4  | 077462-53-4  | 13   |
| 4    |    | 3,4-Pentadienal, 2,2-dimethyl-      | 110 | C7H10O   | 004058-51-9  | 10   |
| 5    |    | E-2-Methyl-5-(furan-3-yl)-pent-1... | 164 | C10H12O2 | 1000143-28-6 | 10   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

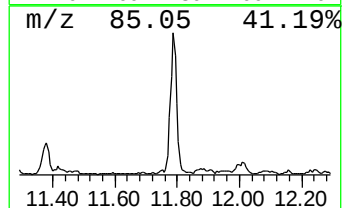
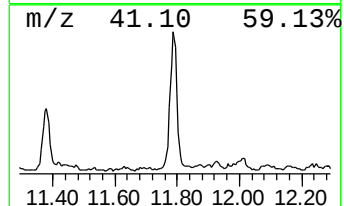
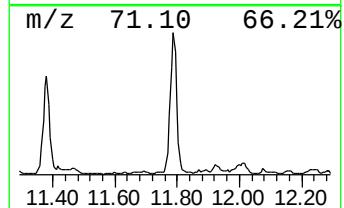
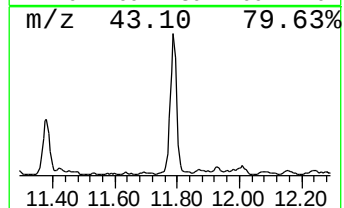
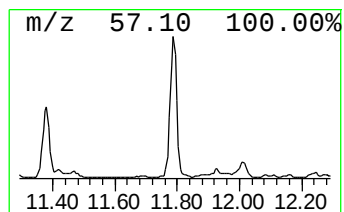
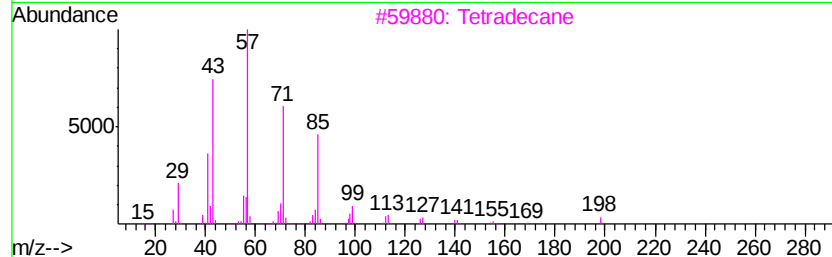
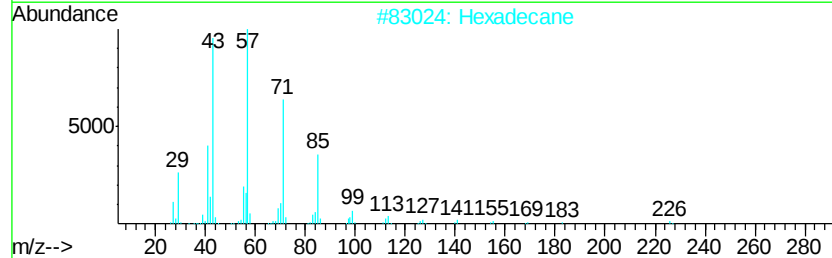
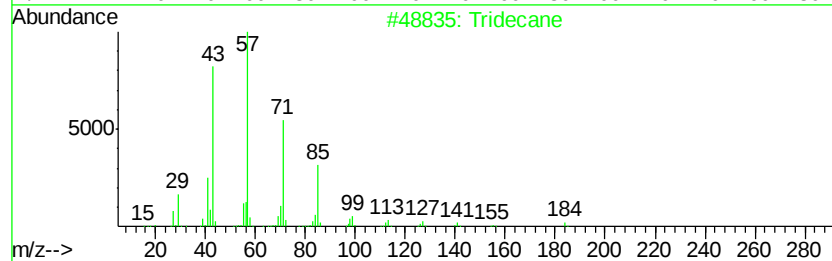
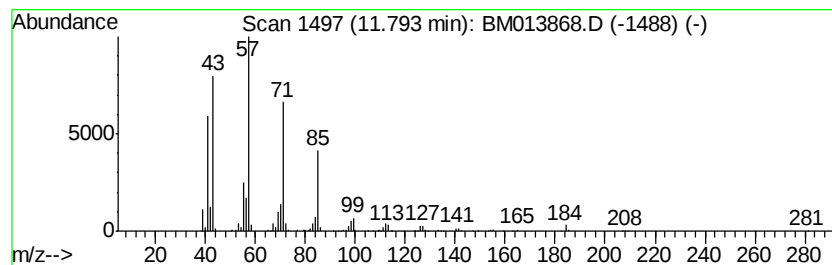
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 11.79 | 28.80 ng/ul | 1570760 | Napthalene-d8    | 10.36 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane                | 184 | C13H28  | 000629-50-5 | 94   |
| 2    |    | Hexadecane               | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    | Tetradecane              | 198 | C14H30  | 000629-59-4 | 90   |
| 4    |    | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 83   |
| 5    |    | Tridecane                | 184 | C13H28  | 000629-50-5 | 81   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

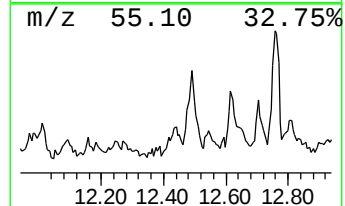
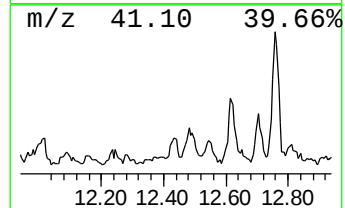
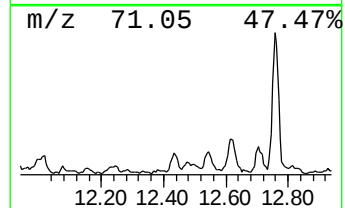
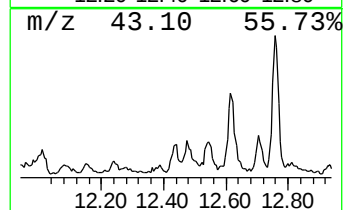
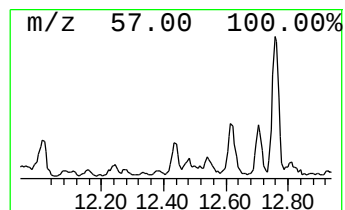
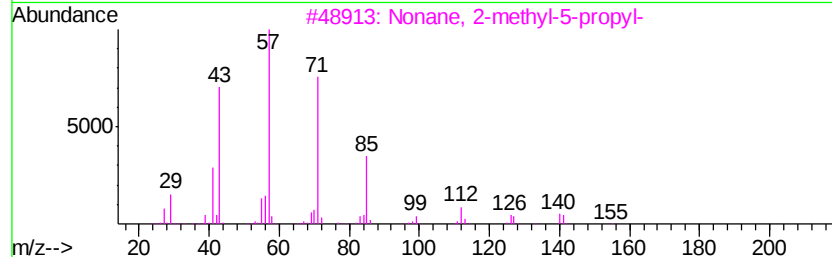
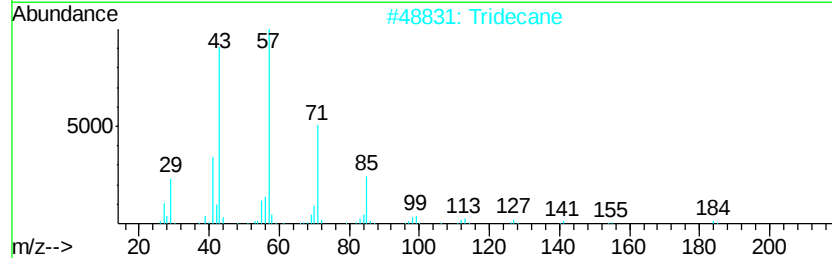
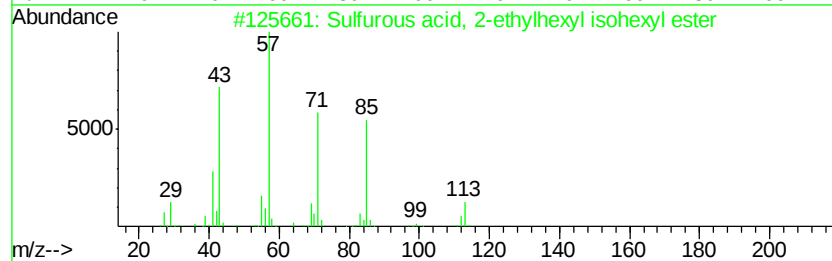
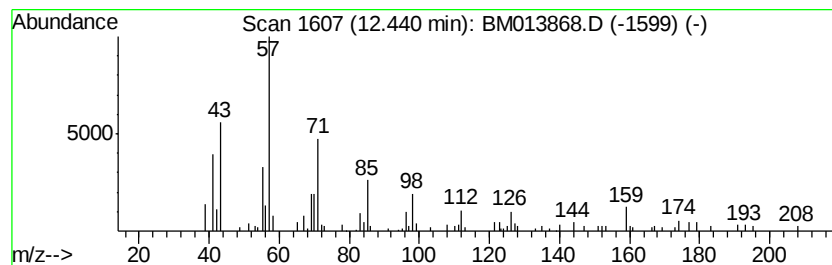
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ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 unknown-02 Concentration Rank 40

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.            |
|---------|------------|-------------------------------------|------------------|-----------------|
| 12.44   | 2.27 ng/ul | 220690                              | Acenaphthene-d10 | 14.23           |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |            | Sulfurous acid, 2-ethylhexyl iso... | 278 C14H30O3S    | 1000309-19-0 43 |
| 2       |            | Tridecane                           | 184 C13H28       | 000629-50-5 43  |
| 3       |            | Nonane, 2-methyl-5-propyl-          | 184 C13H28       | 031081-17-1 43  |
| 4       |            | Dodecane, 3-methyl-                 | 184 C13H28       | 017312-57-1 43  |
| 5       |            | Decane, 6-ethyl-2-methyl-           | 184 C13H28       | 062108-21-8 43  |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

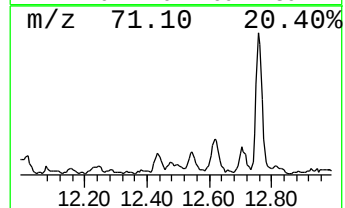
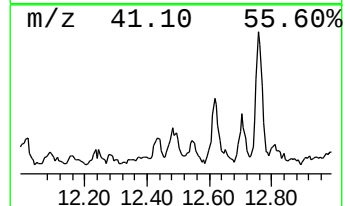
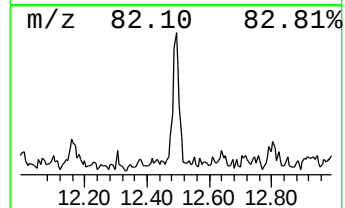
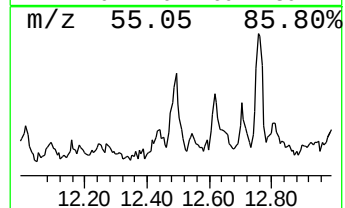
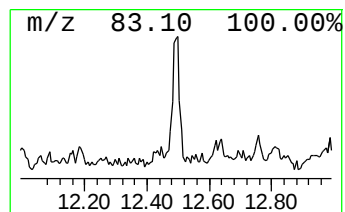
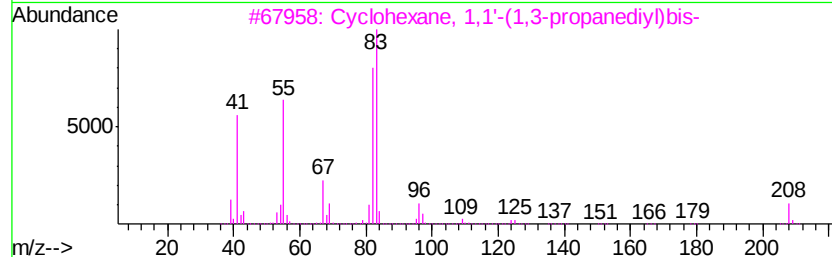
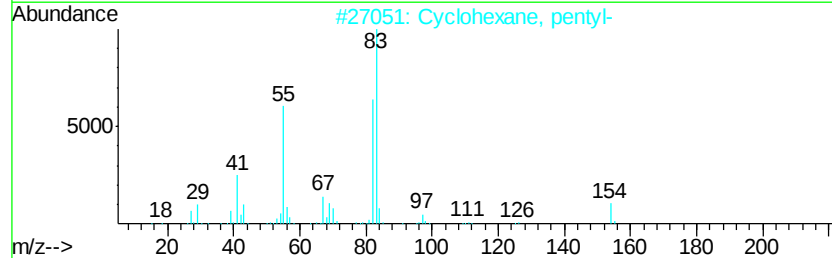
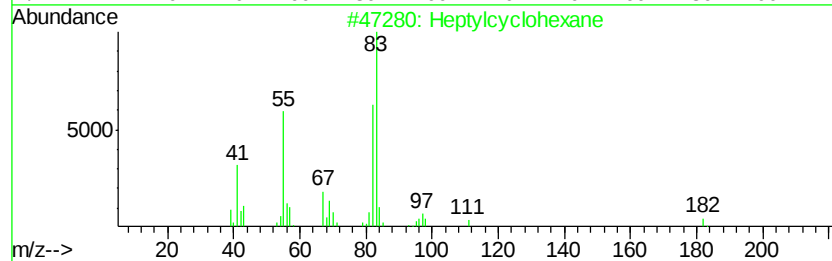
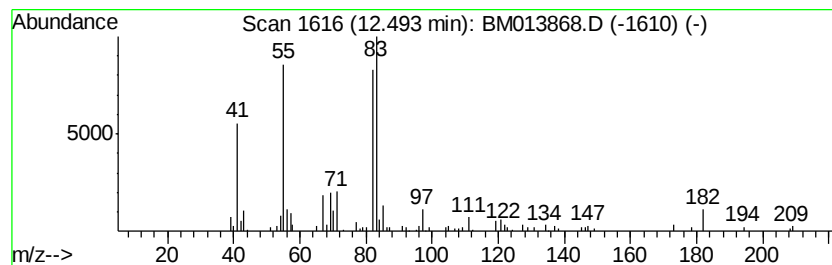
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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 31

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.           |
|---------|------------|-------------------------------------|------------------|----------------|
| 12.49   | 3.09 ng/ul | 300184                              | Acenaphthene-d10 | 14.23          |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |            | Heptylcyclohexane                   | 182 C13H26       | 005617-41-4 81 |
| 2       |            | Cyclohexane, pentyl-                | 154 C11H22       | 004292-92-6 76 |
| 3       |            | Cyclohexane, 1,1'-(1,3-propanedi... | 208 C15H28       | 003178-24-3 72 |
| 4       |            | Heptylcyclohexane                   | 182 C13H26       | 005617-41-4 72 |
| 5       |            | Cyclohexane, 1,1'-(1,3-propanedi... | 208 C15H28       | 003178-24-3 72 |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

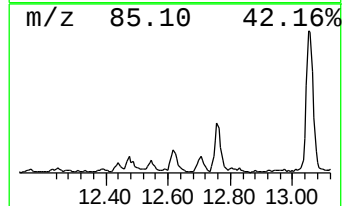
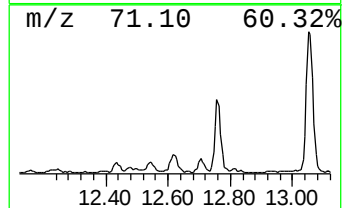
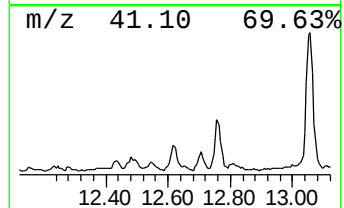
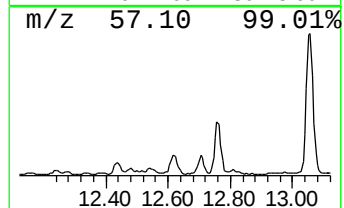
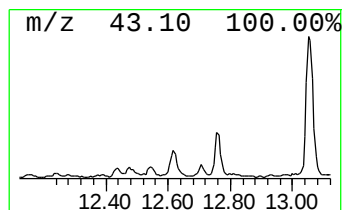
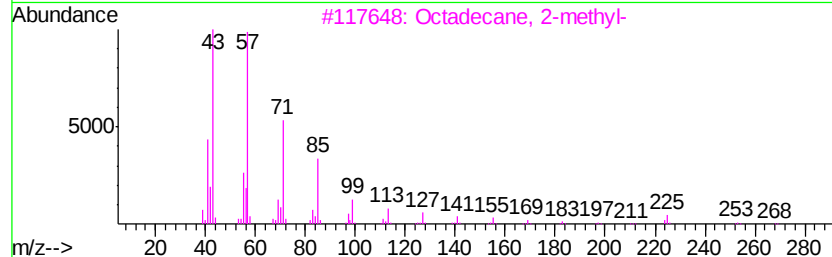
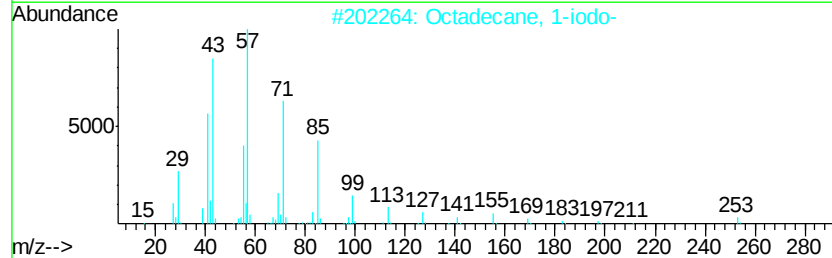
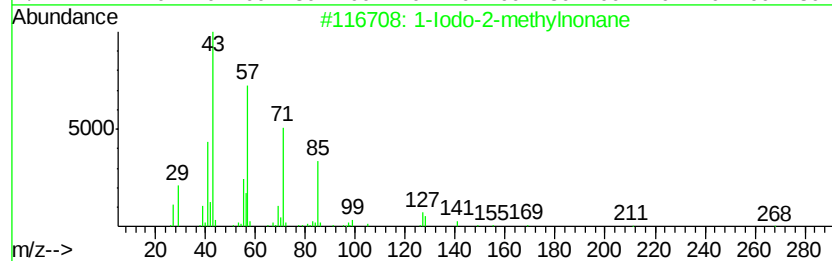
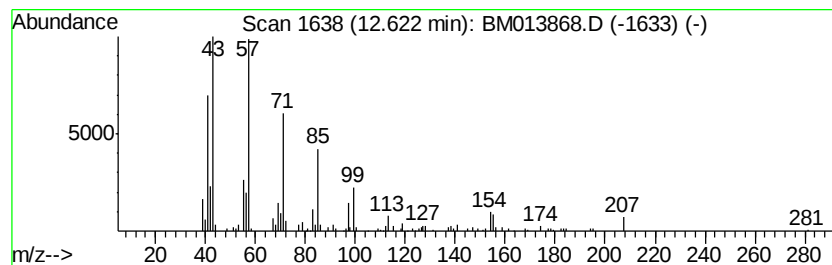
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ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 1-Iodo-2-methylnonane Concentration Rank 23

| R.T.    | EstConc               | Area         | Relative to ISTD | R.T.            |
|---------|-----------------------|--------------|------------------|-----------------|
| 12.62   | 4.46 ng/ul            | 433007       | Acenaphthene-d10 | 14.23           |
| Hit# of | 5                     | Tentative ID | MW MolForm       | CAS# Qual       |
| 1       | 1-Iodo-2-methylnonane | 268          | C10H21I          | 1000101-47-9 64 |
| 2       | Octadecane, 1-iodo-   | 380          | C18H37I          | 000629-93-6 64  |
| 3       | Octadecane, 2-methyl- | 268          | C19H40           | 001560-88-9 64  |
| 4       | Tridecane, 2-methyl-  | 198          | C14H30           | 001560-96-9 59  |
| 5       | Decane, 2-methyl-     | 156          | C11H24           | 006975-98-0 58  |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

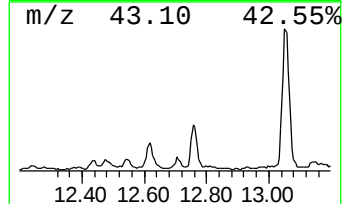
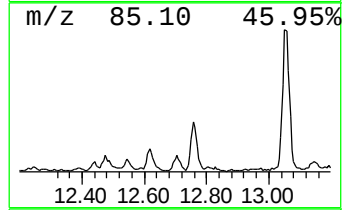
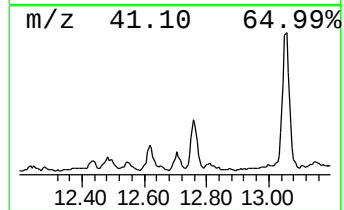
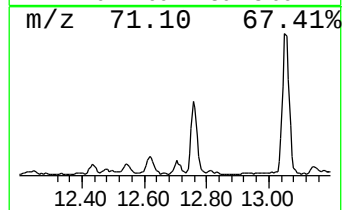
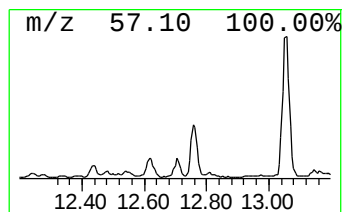
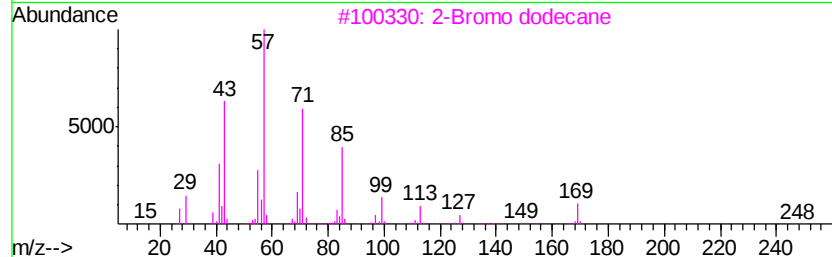
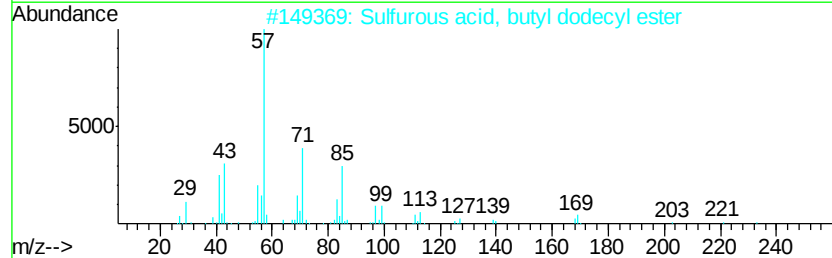
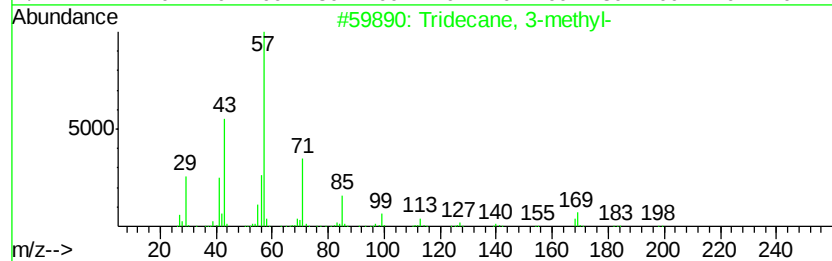
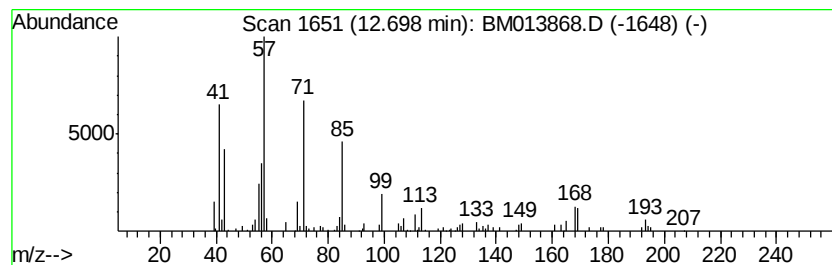
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.70 | 2.66 ng/ul | 258498 | Acenaphthene-d10 | 14.23 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Tridecane, 3-methyl-                | 198 | C14H30    | 006418-41-3  | 86   |
| 2    |    | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 72   |
| 3    |    | 2-Bromo dodecane                    | 248 | C12H25Br  | 013187-99-0  | 64   |
| 4    |    | Heptacosane                         | 380 | C27H56    | 000593-49-7  | 58   |
| 5    |    | Eicosane, 10-methyl-                | 296 | C21H44    | 054833-23-7  | 58   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

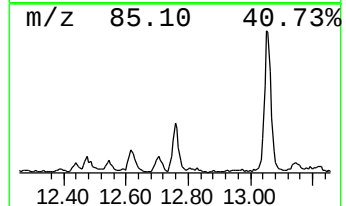
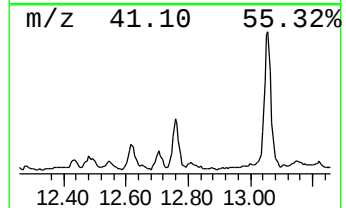
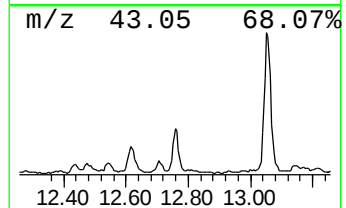
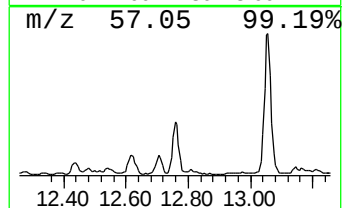
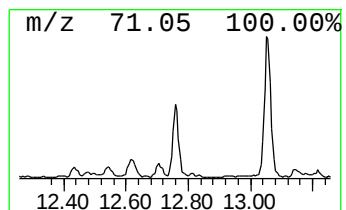
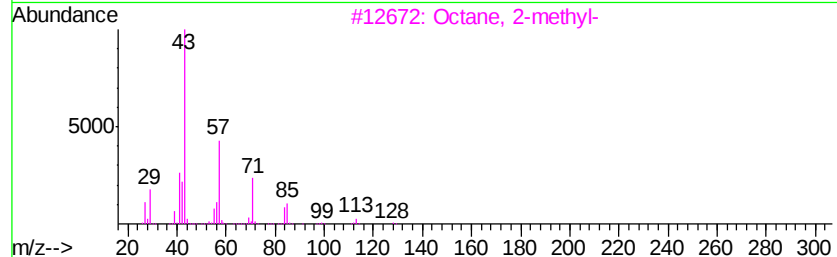
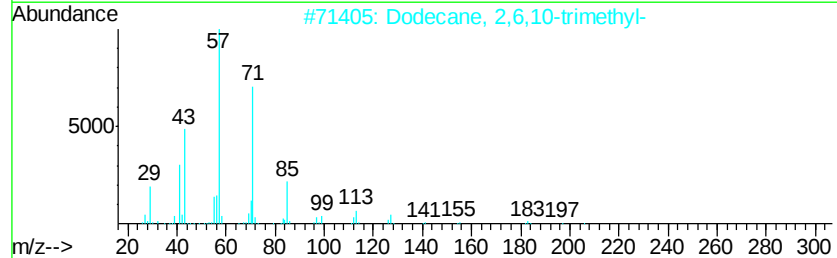
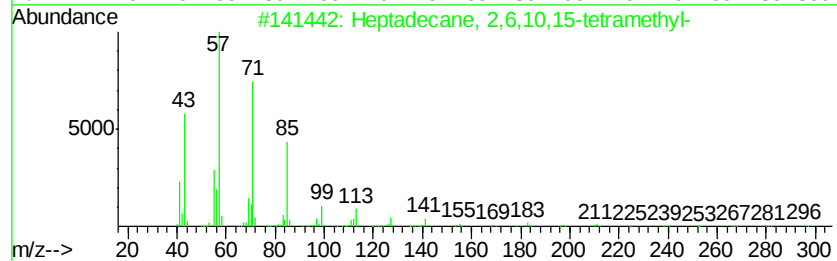
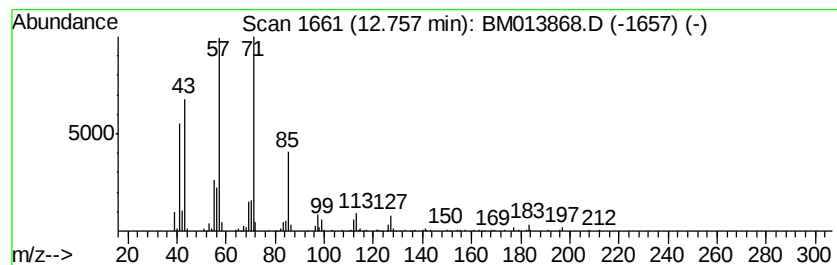
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 12.76 | 7.06 ng/ul | 686267 | Acenaphthene-d10 | 14.23 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 90   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 86   |
| 3    |    |   | Octane, 2-methyl-                   | 128 | C9H20   | 003221-61-2 | 83   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0 | 80   |
| 5    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32  | 031295-56-4 | 72   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

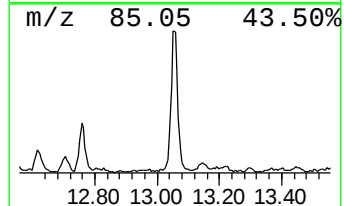
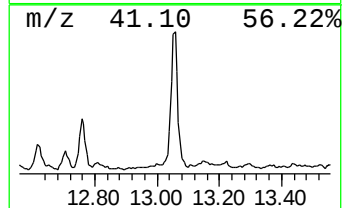
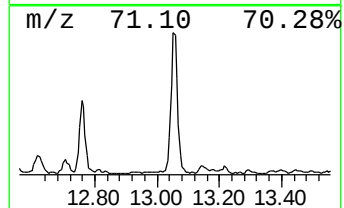
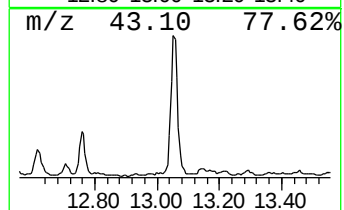
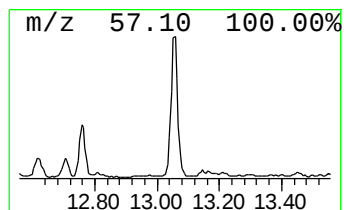
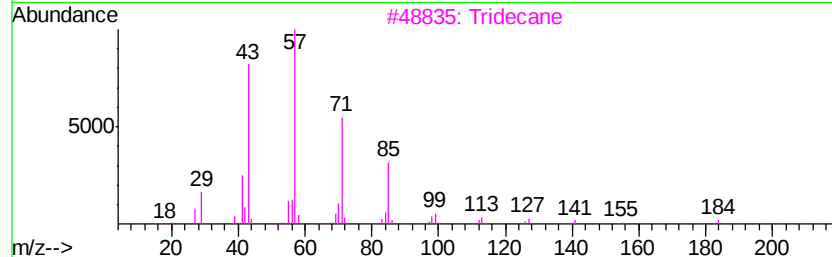
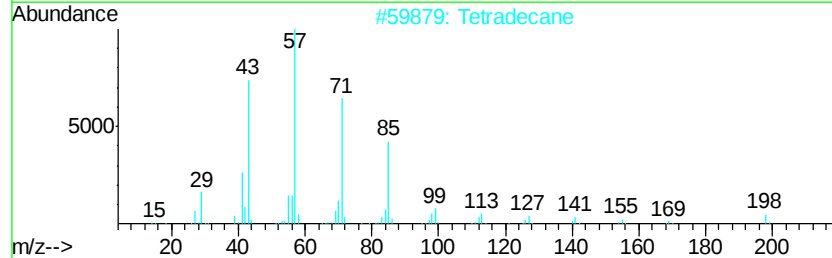
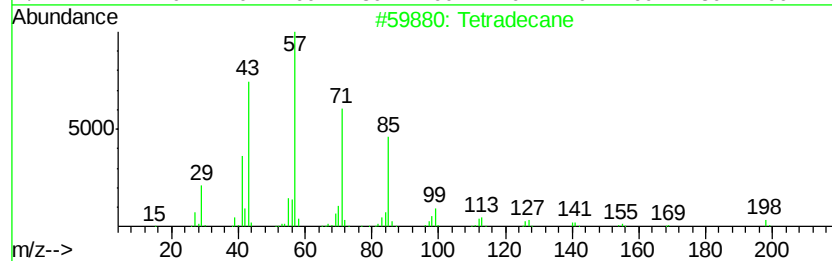
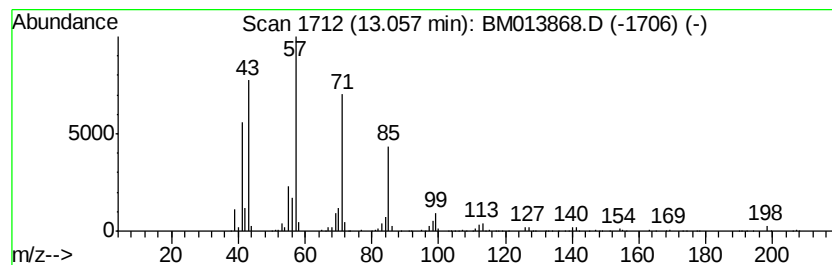
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 13.06 | 18.34 ng/ul | 1782850 | Acenaphthene-d10 | 14.23 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Tetradecane          | 198 | C14H30  | 000629-59-4 | 94   |
| 2    |    | Tetradecane          | 198 | C14H30  | 000629-59-4 | 90   |
| 3    |    | Tridecane            | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |    | Hexadecane           | 226 | C16H34  | 000544-76-3 | 90   |
| 5    |    | Tridecane, 7-propyl- | 226 | C16H34  | 055045-09-5 | 86   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

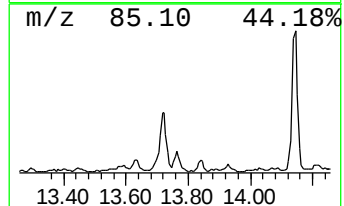
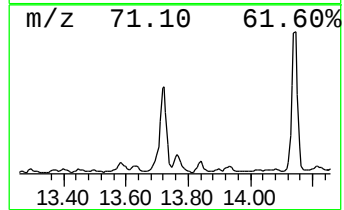
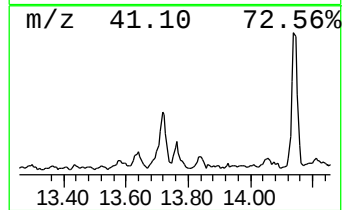
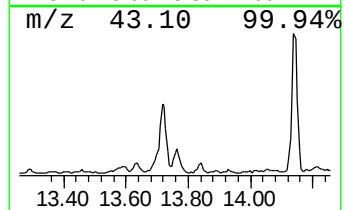
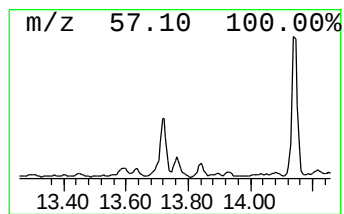
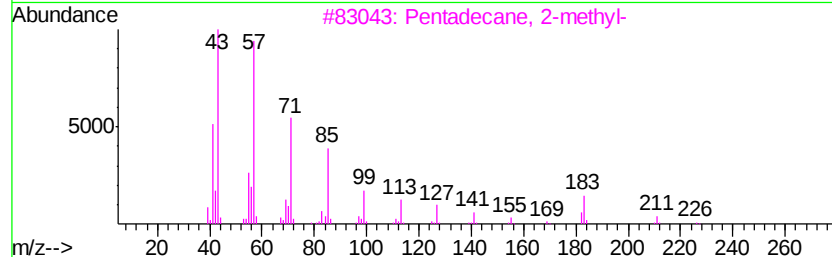
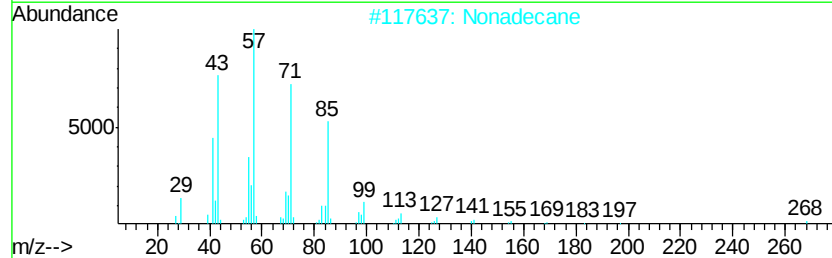
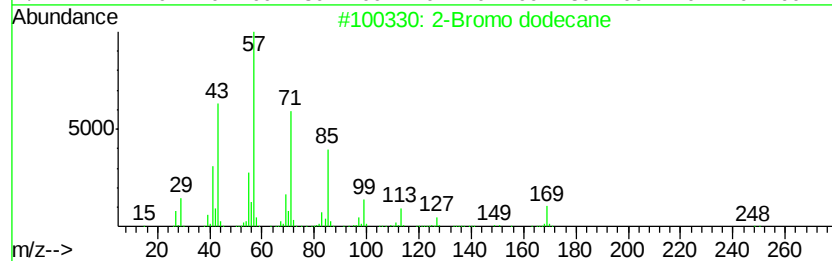
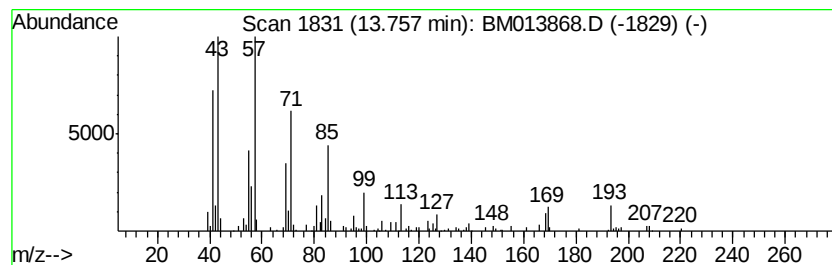
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 2-Bromo dodecane Concentration Rank 25

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 13.76 | 3.97 ng/ul | 385685 | Acenaphthene-d10 | 14.23 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Bromo dodecane       | 248 | C12H25Br | 013187-99-0 | 80   |
| 2    |    |   | Nonadecane             | 268 | C19H40   | 000629-92-5 | 80   |
| 3    |    |   | Pentadecane, 2-methyl- | 226 | C16H34   | 001560-93-6 | 72   |
| 4    |    |   | Hentriacontane         | 437 | C31H64   | 000630-04-6 | 64   |
| 5    |    |   | Decane, 3,6-dimethyl-  | 170 | C12H26   | 017312-53-7 | 64   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

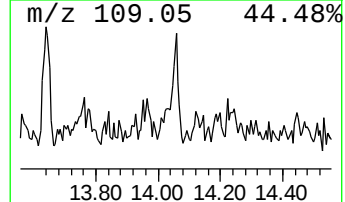
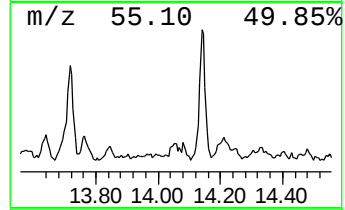
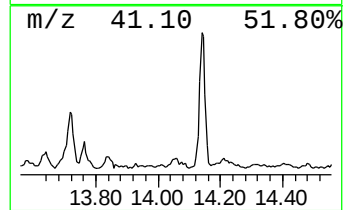
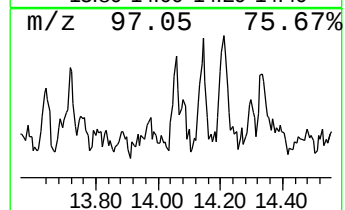
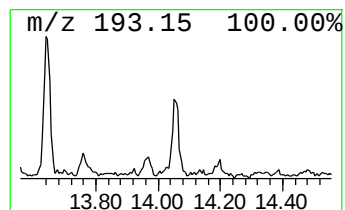
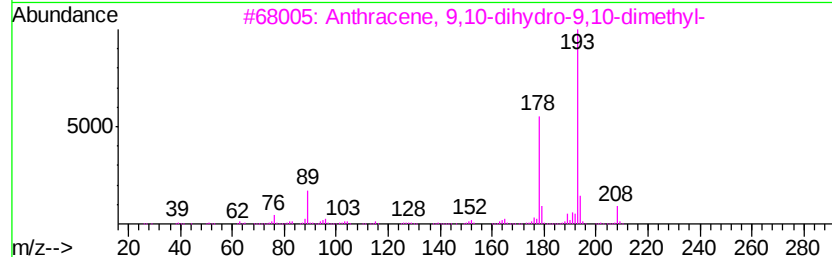
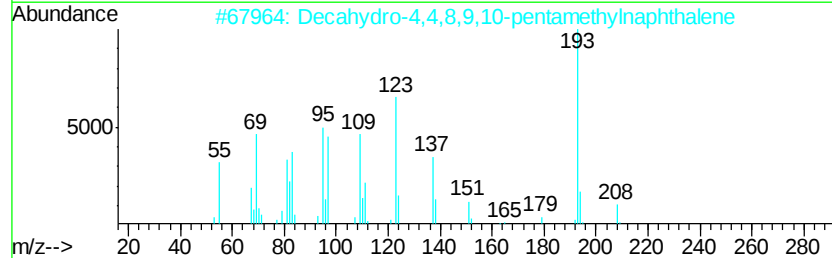
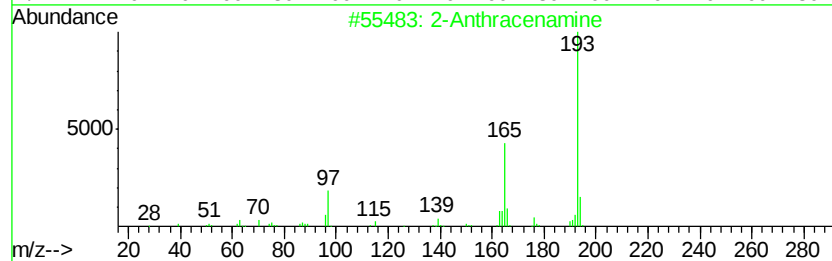
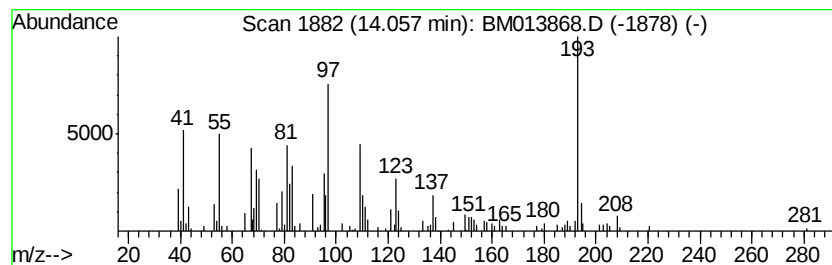
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 unknown-03 Concentration Rank 34

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.06 | 2.86 ng/ul | 278290 | Acenaphthene-d10 | 14.23 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Anthracenamine                    | 193 | C14H11N  | 000613-13-8  | 43   |
| 2    |    |   | Decahydro-4,4,8,9,10-pentamethyl... | 208 | C15H28   | 080655-44-3  | 41   |
| 3    |    |   | Anthracene, 9,10-dihydro-9,10-di... | 208 | C16H16   | 022566-43-4  | 35   |
| 4    |    |   | (7S,8S)-cis-syn-trans-Tricyclo[7... | 196 | C12H20O2 | 1000099-69-7 | 35   |
| 5    |    |   | Methylphosphonic acid, mono-(2,2... | 206 | C9H19O3P | 1000273-47-2 | 27   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

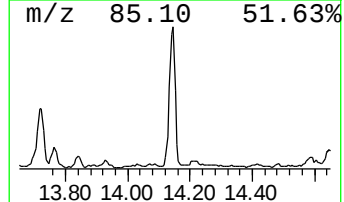
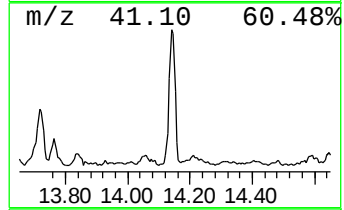
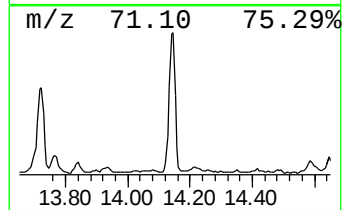
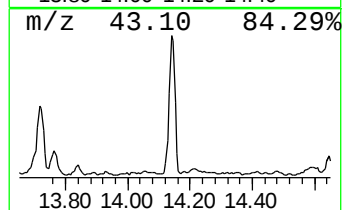
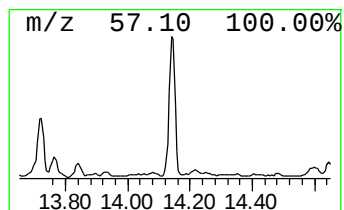
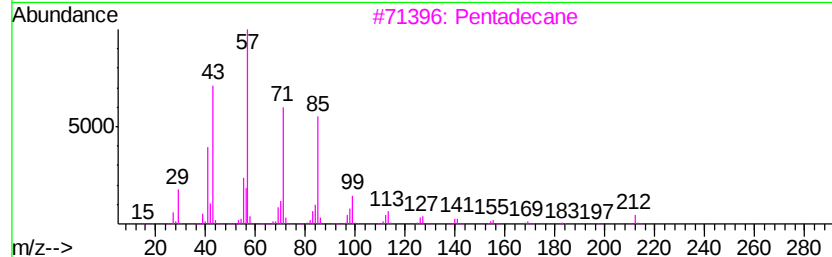
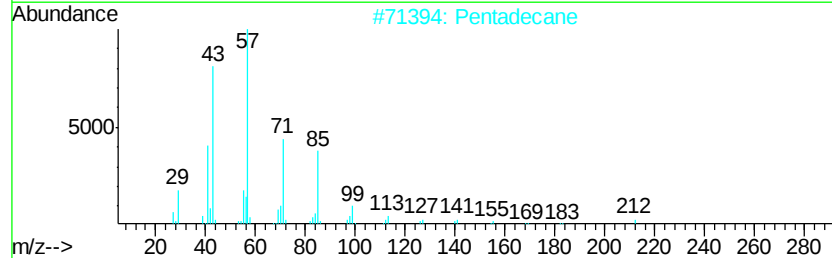
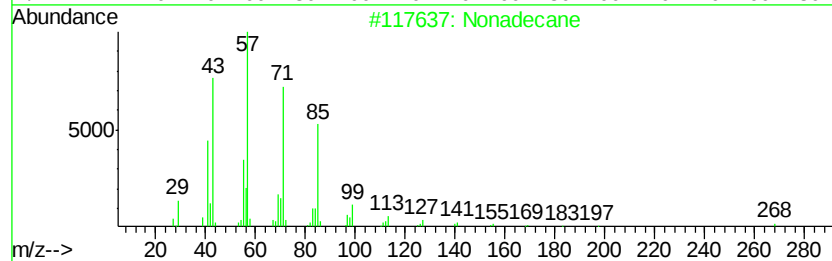
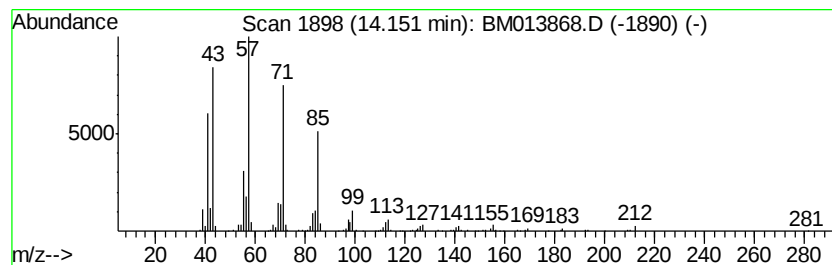
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 14.15 | 17.96 ng/ul | 1745630 | Acenaphthene-d10 | 14.23 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane   | 268 | C19H40  | 000629-92-5 | 91   |
| 2    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 91   |
| 3    |    |   | Pentadecane  | 212 | C15H32  | 000629-62-9 | 91   |
| 4    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 91   |
| 5    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

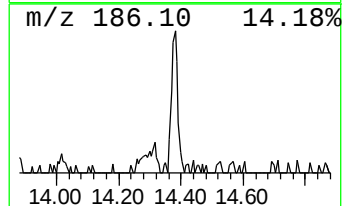
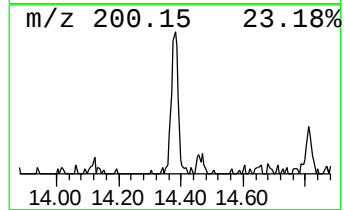
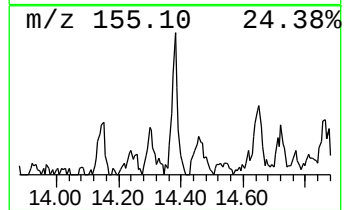
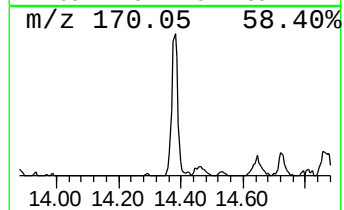
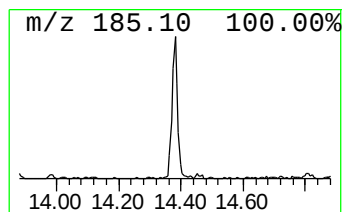
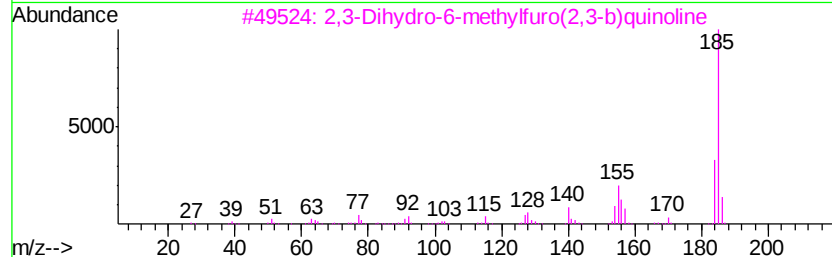
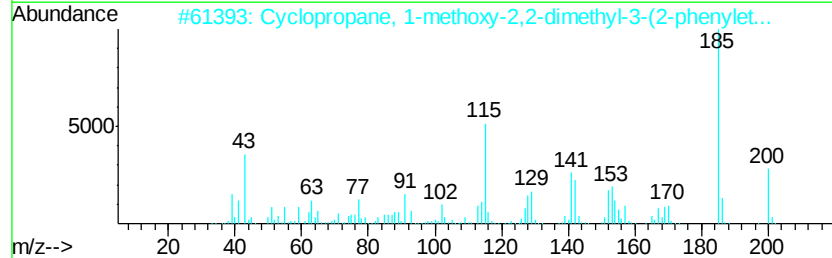
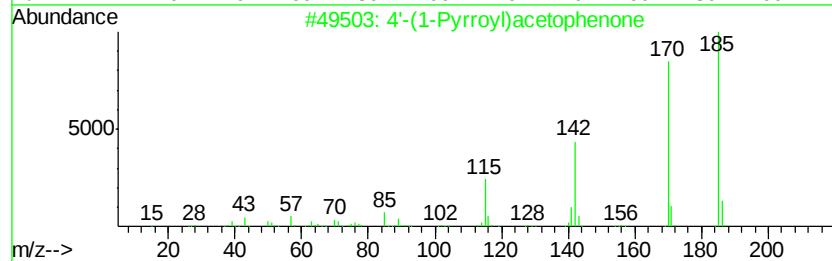
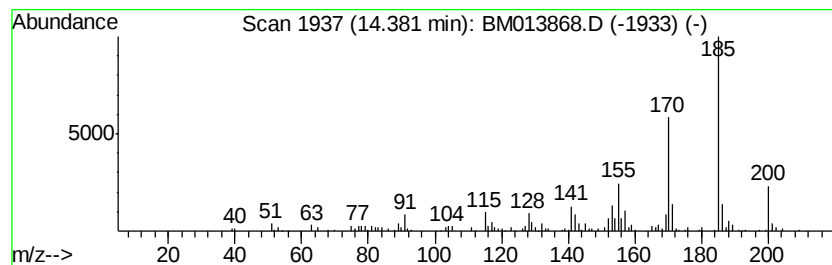
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 4'-(1-Pyrrolyl)acetophenone Concentration Rank 29

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.38 | 3.13 ng/ul | 303907 | Acenaphthene-d10 | 14.23 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4'-(1-Pyrrolyl)acetophenone         | 185 | C12H11NO  | 022106-37-2  | 52   |
| 2    |    | Cyclopropane, 1-methoxy-2,2-dime... | 200 | C14H16O   | 1000271-83-0 | 50   |
| 3    |    | 2,3-Dihydro-6-methylfuro(2,3-b)q... | 185 | C12H11NO  | 064124-83-0  | 49   |
| 4    |    | Methyl 2-diethylamino-3-methyl-b... | 185 | C10H19NO2 | 075122-81-5  | 47   |
| 5    |    | 5-Thiazolecarboxylic acid, 2,4-d... | 185 | C8H11NO2S | 007210-77-7  | 43   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

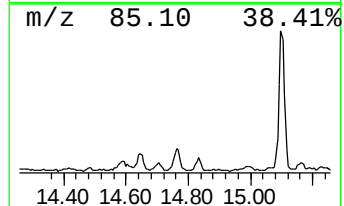
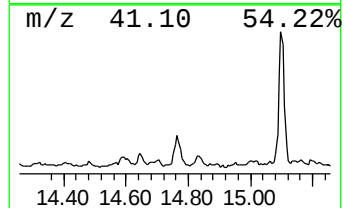
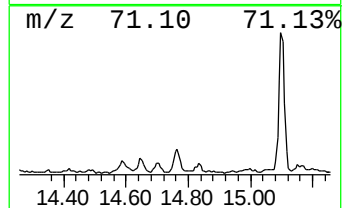
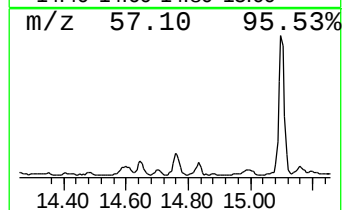
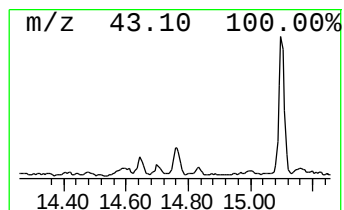
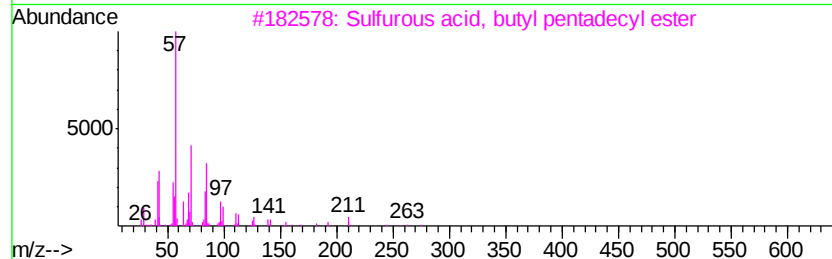
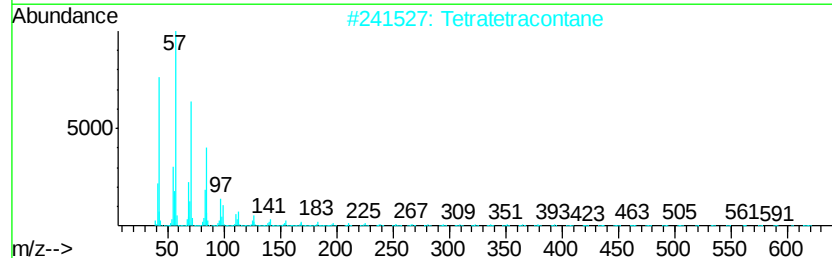
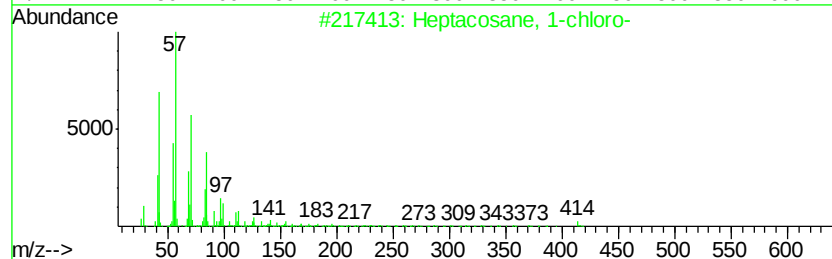
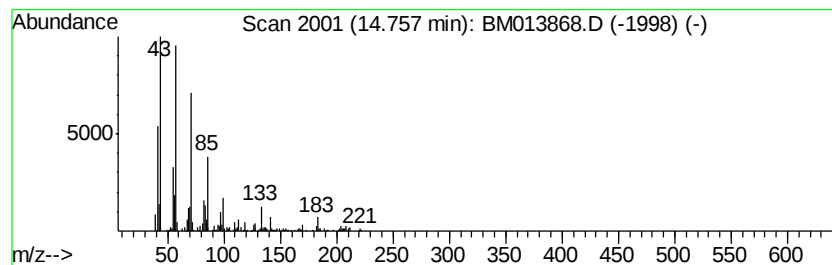
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.76 | 4.88 ng/ul | 474537 | Acenaphthene-d10 | 14.23 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Heptacosane, 1-chloro-              | 414 | C27H55Cl  | 062016-79-9  | 64   |
| 2    |    |   | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 64   |
| 3    |    |   | Sulfurous acid, butyl pentadecyl... | 348 | C19H40O3S | 1000309-18-2 | 64   |
| 4    |    |   | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 58   |
| 5    |    |   | Methoxyacetic acid, 2-tetradecyl... | 286 | C17H34O3  | 1000282-04-8 | 52   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

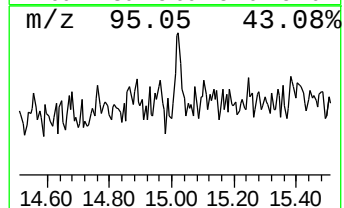
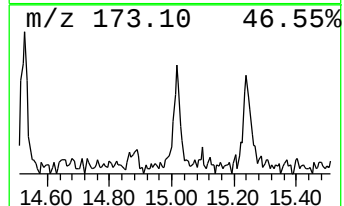
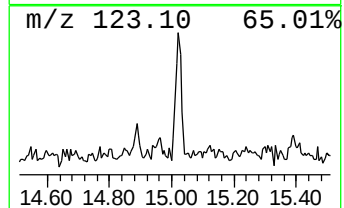
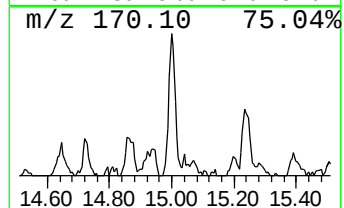
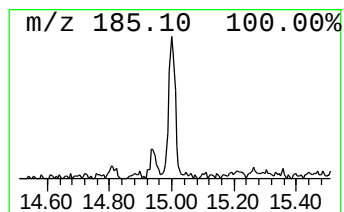
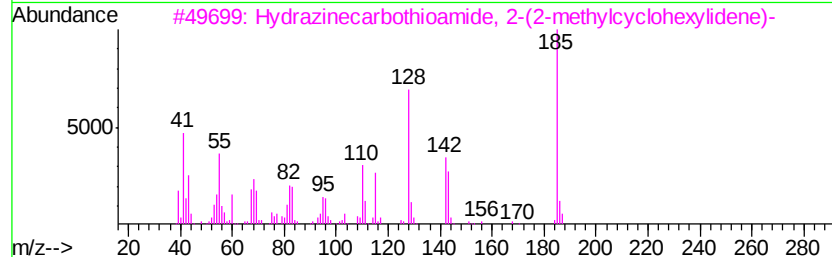
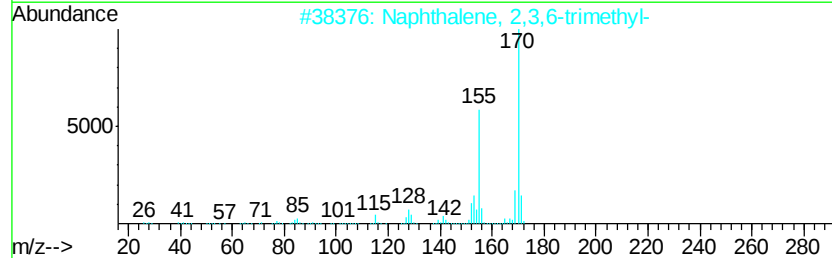
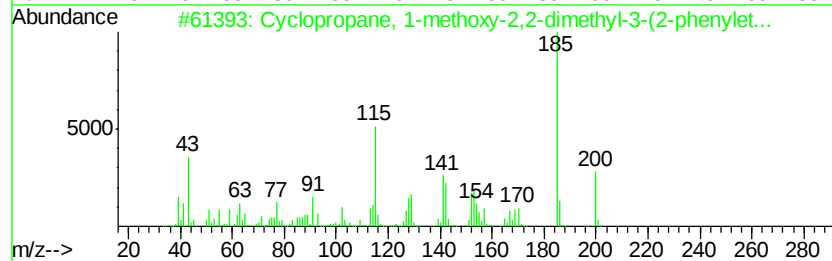
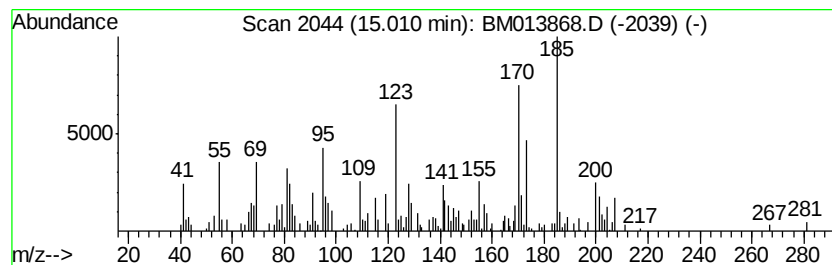
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 20 unknown-04 Concentration Rank 33

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.01 | 2.88 ng/ul | 280200 | Acenaphthene-d10 | 14.23 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Cyclopropane, 1-methoxy-2,2-dime... | 200 | C14H16O    | 1000271-83-0 | 38   |
| 2    |    |   | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14     | 000829-26-5  | 35   |
| 3    |    |   | Hydrazinecarbothioamide, 2-(2-me... | 185 | C8H15N3S   | 056324-61-9  | 20   |
| 4    |    |   | 1H-Pyrazole, 5-(t-butyl)-3-phenyl-  | 200 | C13H16N2   | 1000261-34-8 | 20   |
| 5    |    |   | 3-Chlorophenol, trimethylsilyl e... | 200 | C9H13ClOSi | 1000325-59-2 | 18   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

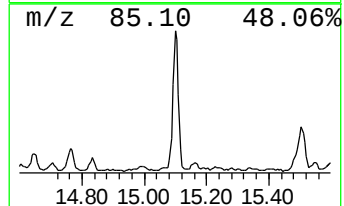
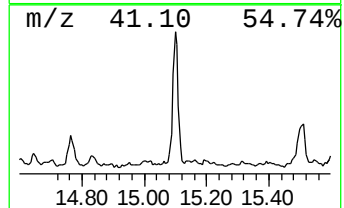
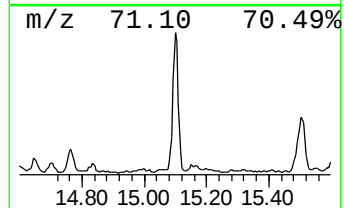
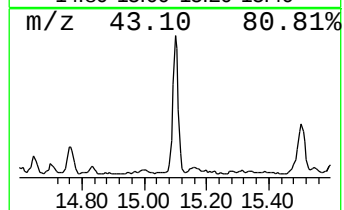
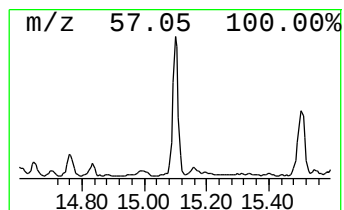
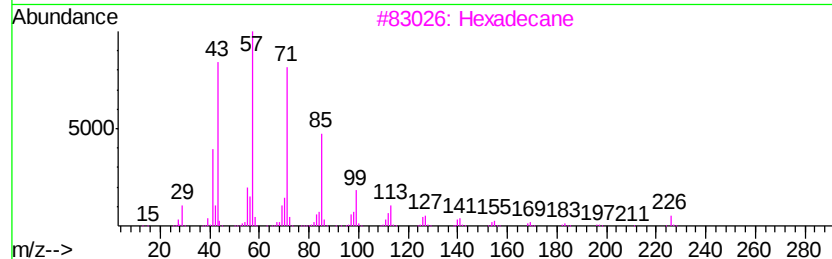
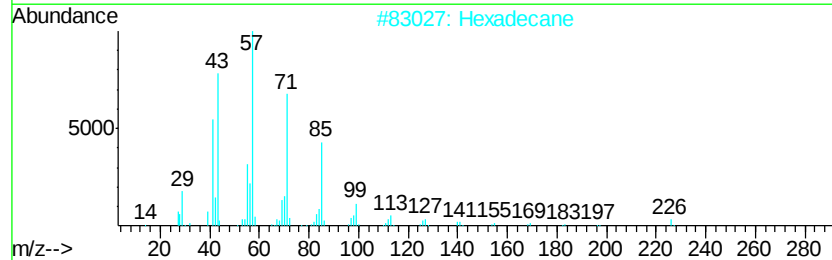
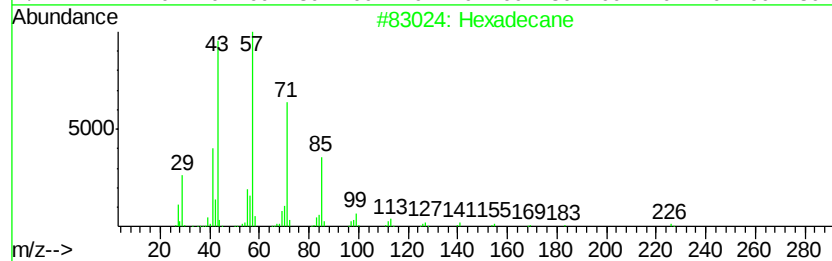
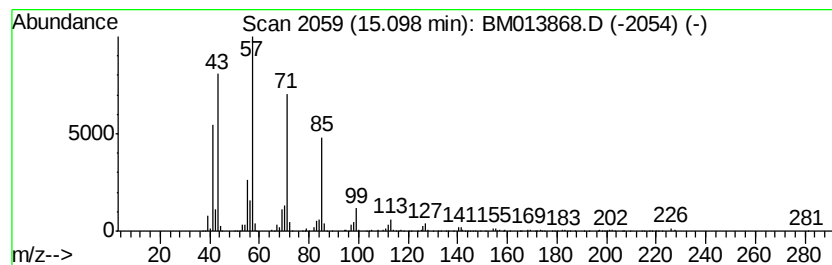
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 15.10 | 16.68 ng/ul | 1621520 | Acenaphthene-d10 | 14.23 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane         | 226 | C16H34  | 000544-76-3 | 96   |
| 2    |    |   | Hexadecane         | 226 | C16H34  | 000544-76-3 | 95   |
| 3    |    |   | Hexadecane         | 226 | C16H34  | 000544-76-3 | 95   |
| 4    |    |   | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90   |
| 5    |    |   | Tetradecane        | 198 | C14H30  | 000629-59-4 | 87   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

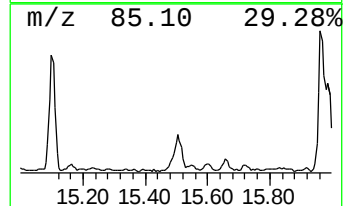
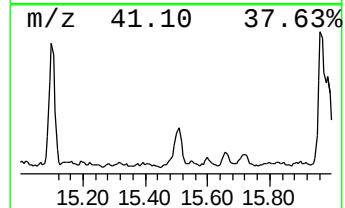
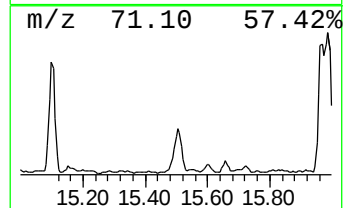
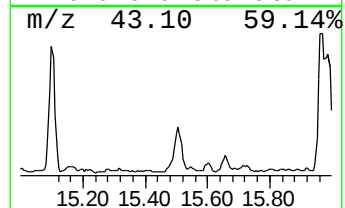
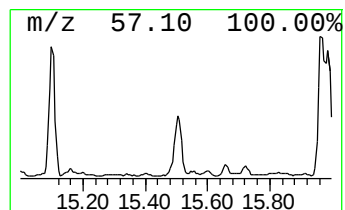
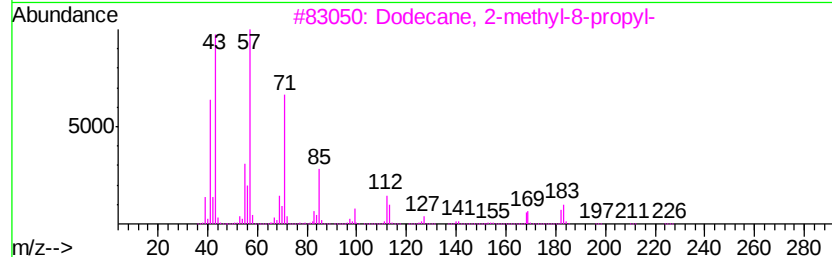
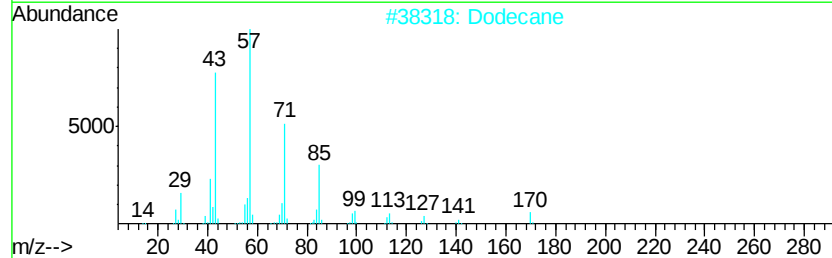
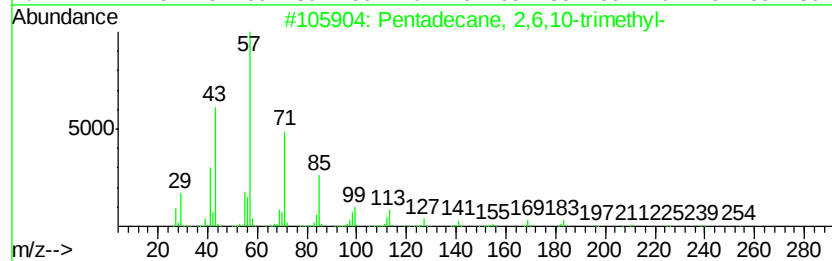
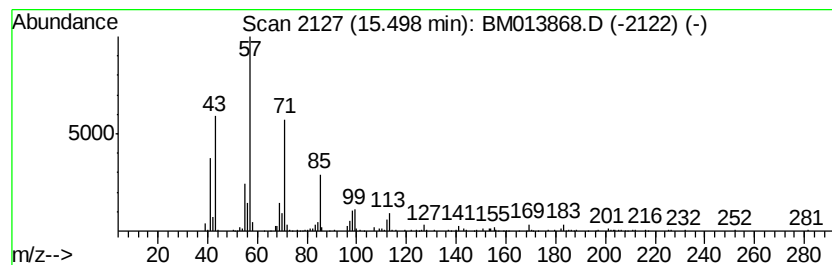
Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T.  | EstConc    | Area   | Relative to ISTD               |     | R.T.    |             |      |
|-------|------------|--------|--------------------------------|-----|---------|-------------|------|
| 15.50 | 8.62 ng/ul | 837316 | Acenaphthene-d10               |     | 14.23   |             |      |
| Hit#  | of         | 5      | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
| 1     |            |        | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 90   |
| 2     |            |        | Dodecane                       | 170 | C12H26  | 000112-40-3 | 87   |
| 3     |            |        | Dodecane, 2-methyl-8-propyl-   | 226 | C16H34  | 055045-07-3 | 81   |
| 4     |            |        | Heptacosane                    | 380 | C27H56  | 000593-49-7 | 72   |
| 5     |            |        | Tridecane, 3-ethyl-            | 212 | C15H32  | 013286-73-2 | 72   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

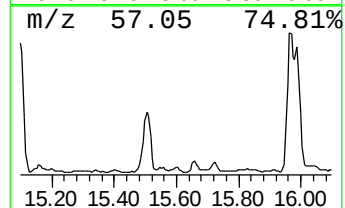
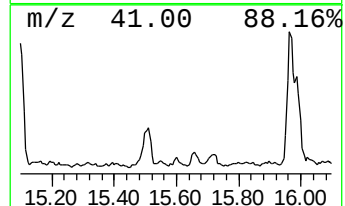
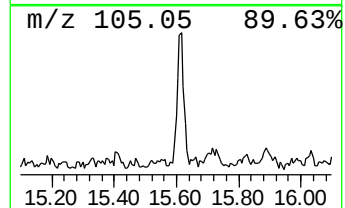
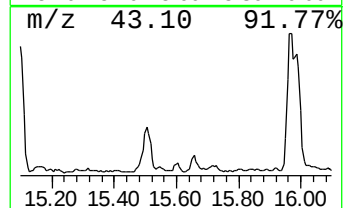
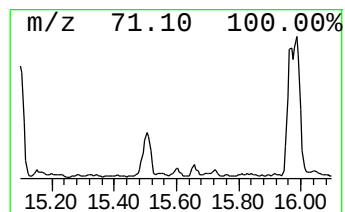
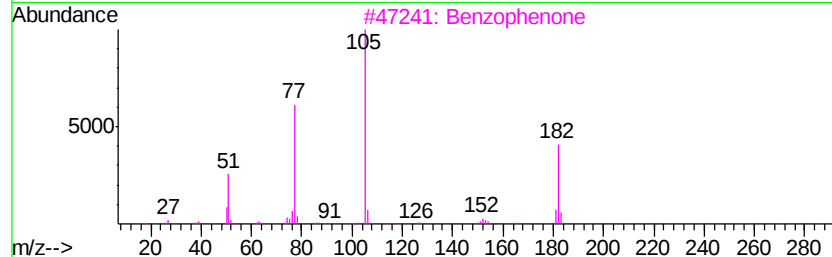
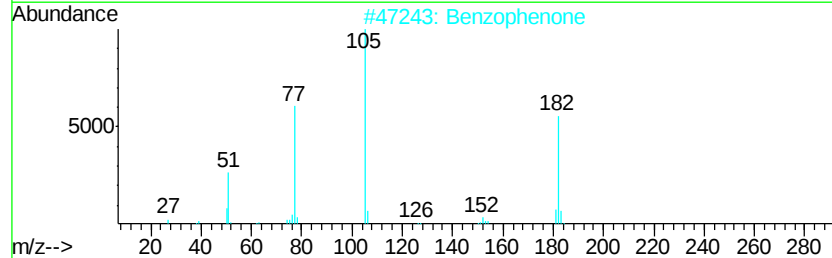
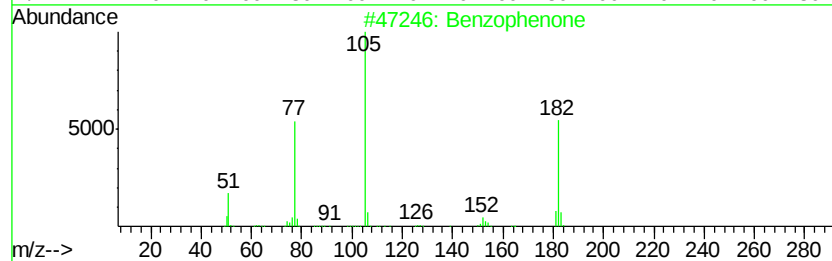
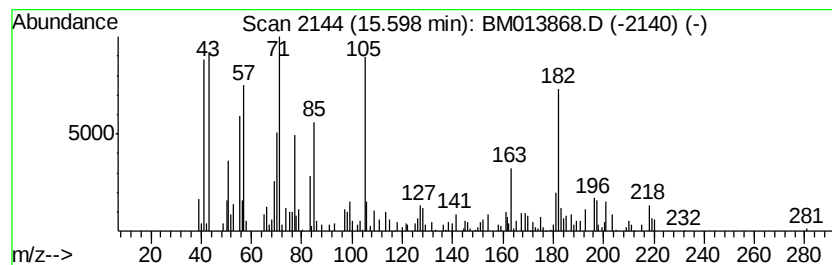
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ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 23 Benzophenone Concentration Rank 27

| R.T.    | EstConc                     | Area         | Relative to ISTD | R.T.      |
|---------|-----------------------------|--------------|------------------|-----------|
| 15.60   | 3.21 ng/ul                  | 312409       | Acenaphthene-d10 | 14.23     |
| Hit# of | 5                           | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Benzophenone                | 182 C13H10O  | 000119-61-9      | 64        |
| 2       | Benzophenone                | 182 C13H10O  | 000119-61-9      | 64        |
| 3       | Benzophenone                | 182 C13H10O  | 000119-61-9      | 58        |
| 4       | Benzophenone dimethyl ketal | 228 C15H16O2 | 002235-01-0      | 52        |
| 5       | Benzophenone                | 182 C13H10O  | 000119-61-9      | 49        |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

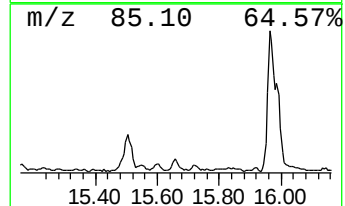
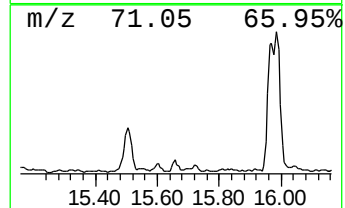
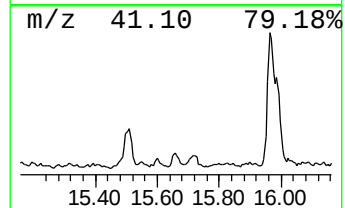
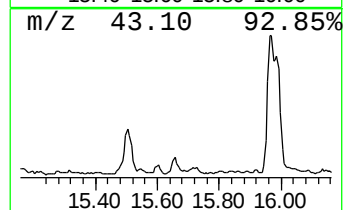
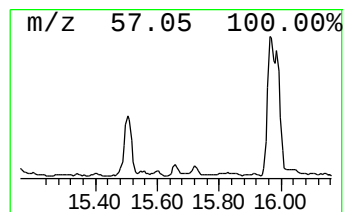
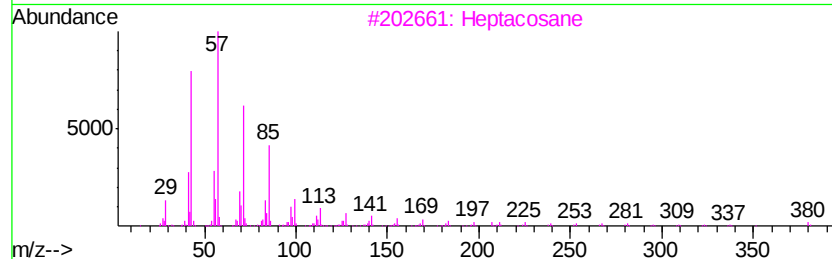
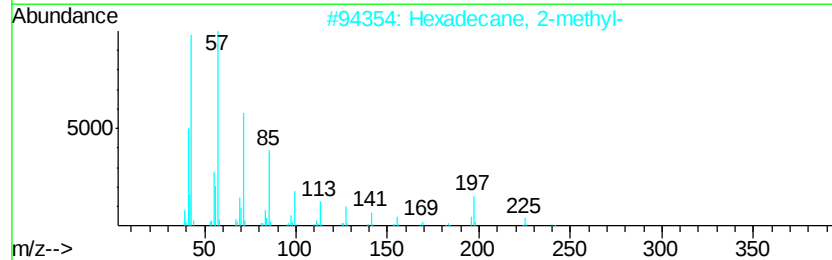
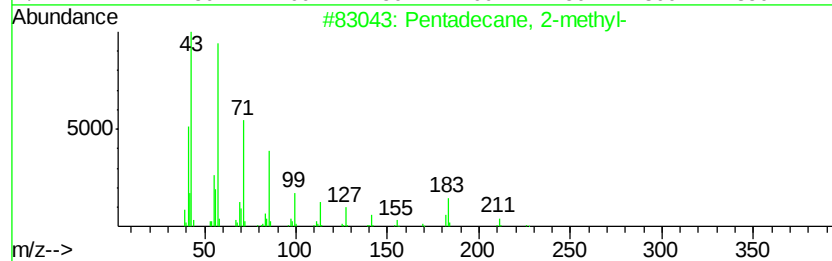
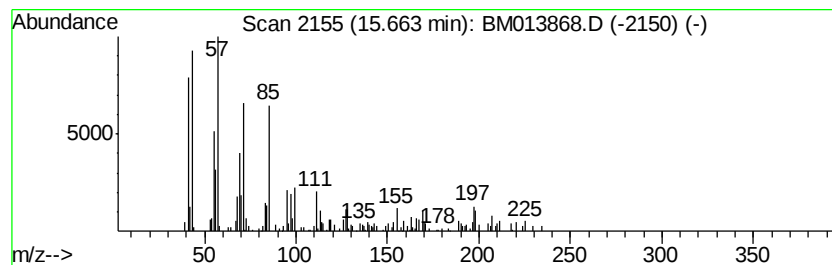
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.66 | 2.48 ng/ul | 236121 | Phenanthrene-d10 | 16.99 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | Pentadecane, 2-methyl-           | 226 | C16H34  | 001560-93-6  | 91   |
| 2    |    |   | Hexadecane, 2-methyl-            | 240 | C17H36  | 001560-92-5  | 87   |
| 3    |    |   | Heptacosane                      | 380 | C27H56  | 000593-49-7  | 87   |
| 4    |    |   | 2-methyloctacosane               | 408 | C29H60  | 1000376-72-8 | 86   |
| 5    |    |   | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6  | 86   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

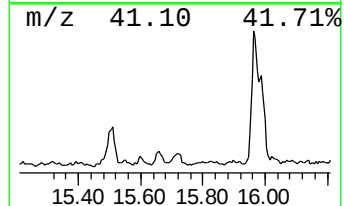
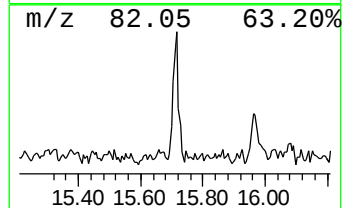
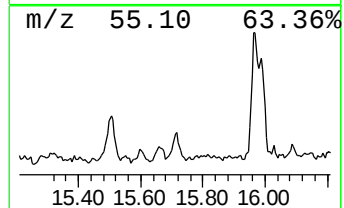
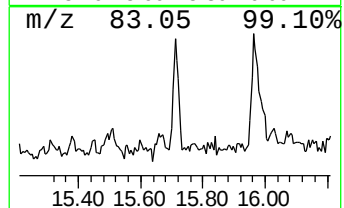
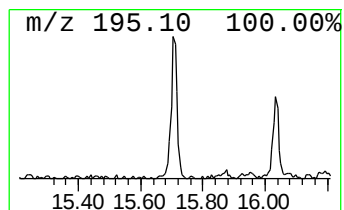
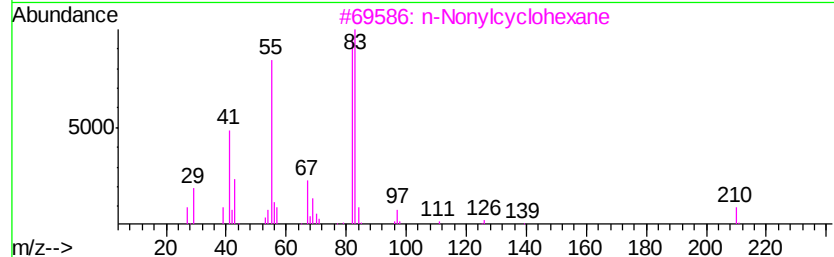
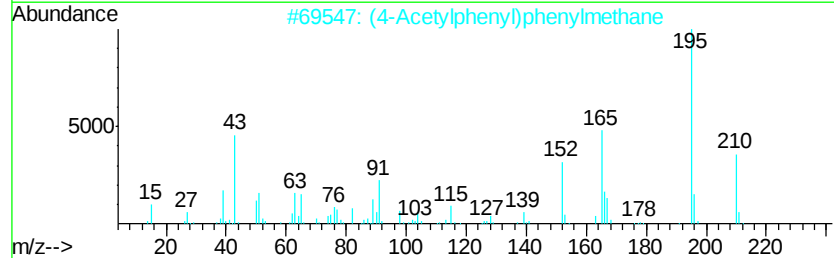
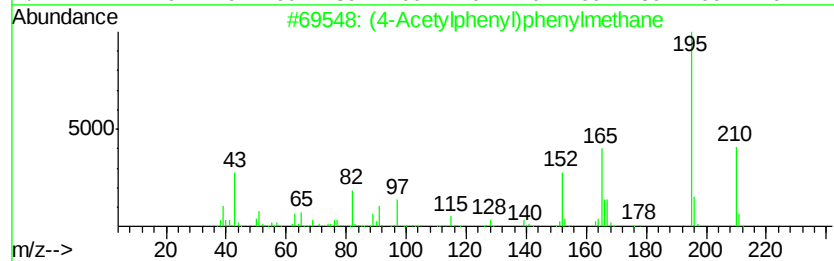
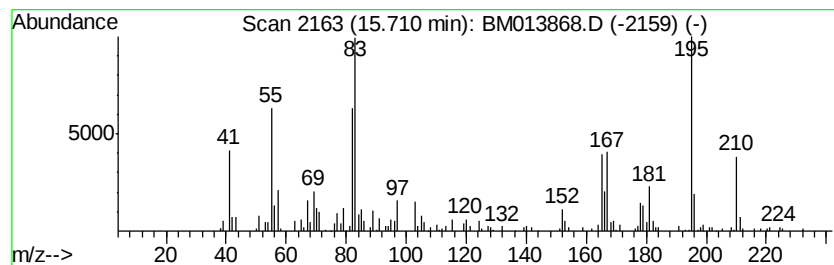
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 25 unknown-05 Concentration Rank 21

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.71 | 4.70 ng/ul | 446395 | Phenanthrene-d10 | 16.99 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | (4-Acetylphenyl)phenylmethane | 210 | C15H14O | 000782-92-3 | 43   |
| 2    |    |   | (4-Acetylphenyl)phenylmethane | 210 | C15H14O | 000782-92-3 | 43   |
| 3    |    |   | n-Nonylcyclohexane            | 210 | C15H30  | 002883-02-5 | 42   |
| 4    |    |   | Benzo[c]cinnolin-2-amine      | 195 | C12H9N3 | 004827-07-0 | 38   |
| 5    |    |   | 3-Acridinol                   | 195 | C13H9NO | 007132-70-9 | 30   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

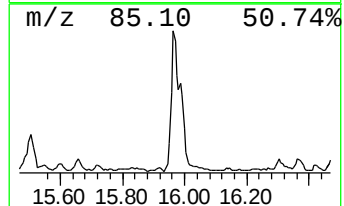
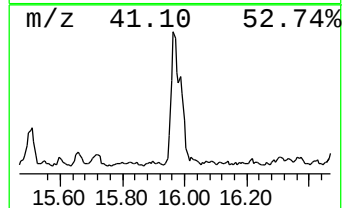
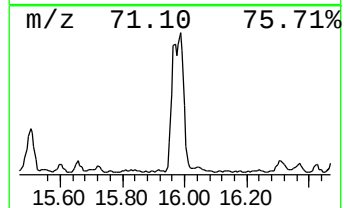
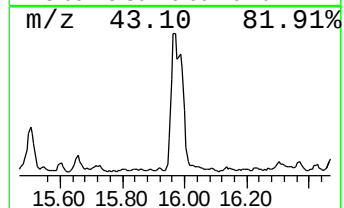
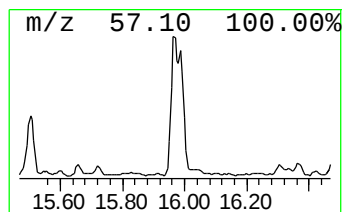
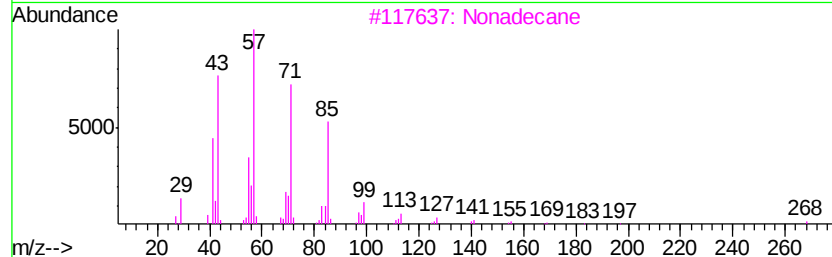
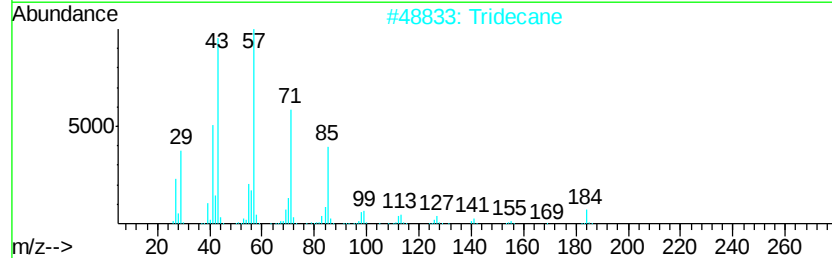
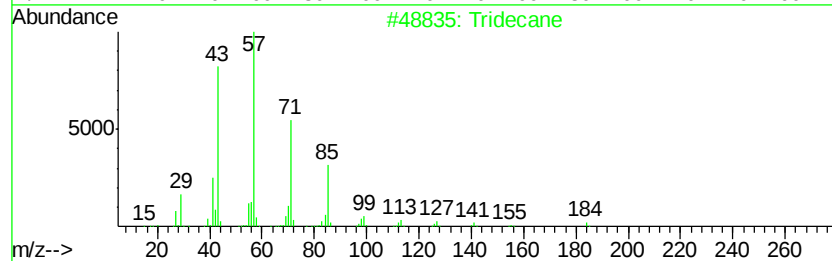
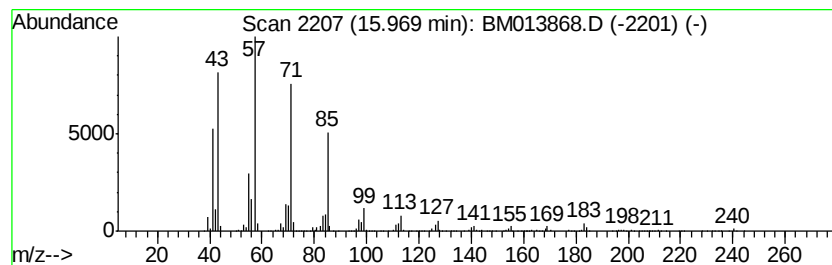
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 15.97 | 25.87 ng/ul | 2459950 | Phenanthrene-d10 | 16.99 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane                           | 184 | C13H28  | 000629-50-5 | 93   |
| 2    |    | Tridecane                           | 184 | C13H28  | 000629-50-5 | 91   |
| 3    |    | Nonadecane                          | 268 | C19H40  | 000629-92-5 | 91   |
| 4    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 91   |
| 5    |    | Tetradecane                         | 198 | C14H30  | 000629-59-4 | 91   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

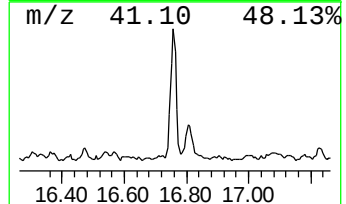
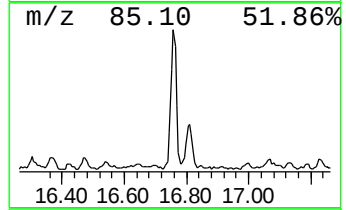
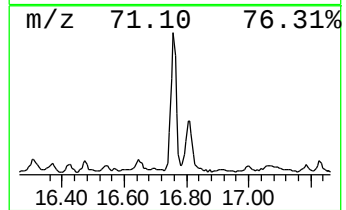
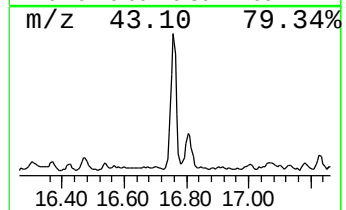
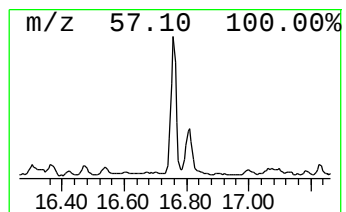
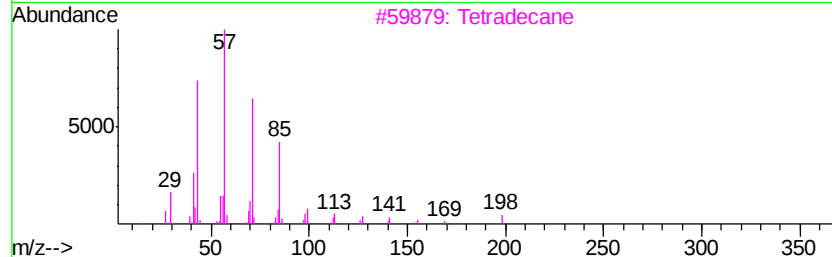
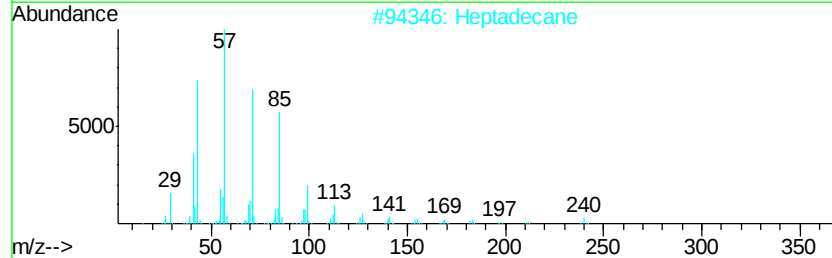
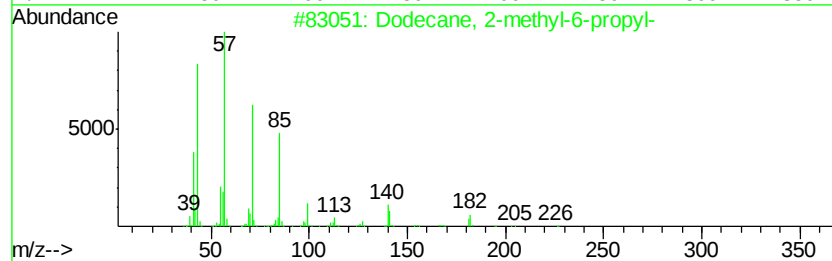
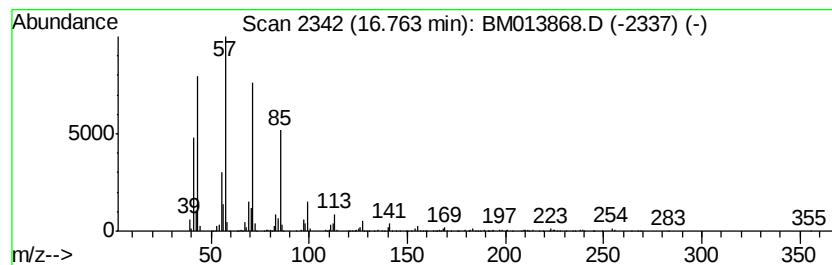
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 16.76 | 18.16 ng/ul | 1727000 | Phenanthrene-d10 | 16.99 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Dodecane, 2-methyl-6-propyl- | 226 | C16H34  | 055045-08-4 | 91   |
| 2    |    | Heptadecane                  | 240 | C17H36  | 000629-78-7 | 91   |
| 3    |    | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 91   |
| 4    |    | Tetradecane                  | 198 | C14H30  | 000629-59-4 | 91   |
| 5    |    | Hexadecane                   | 226 | C16H34  | 000544-76-3 | 90   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

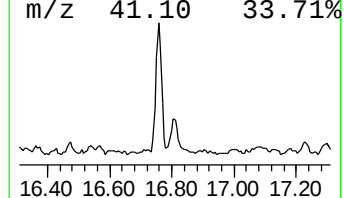
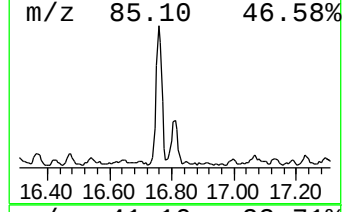
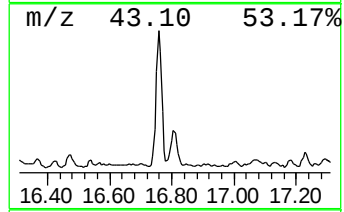
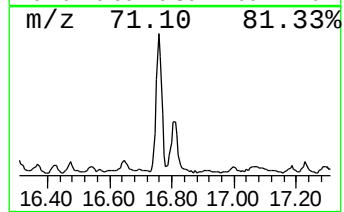
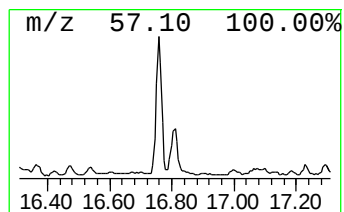
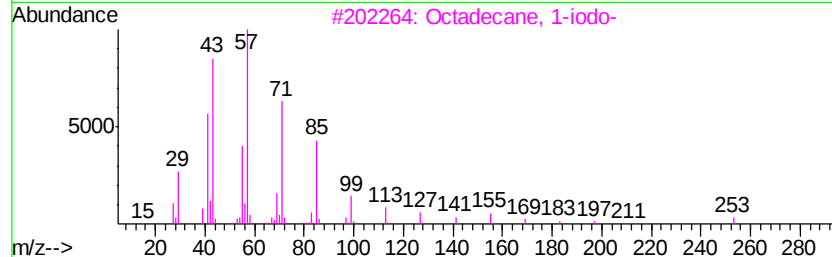
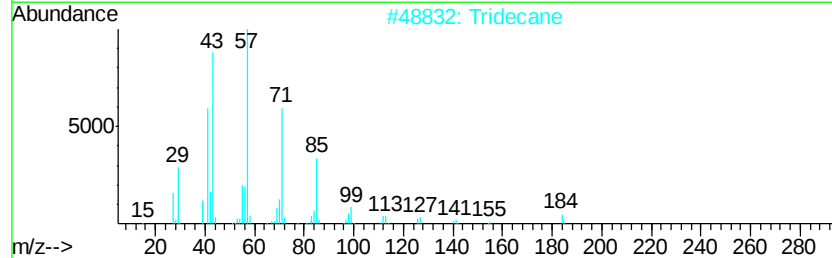
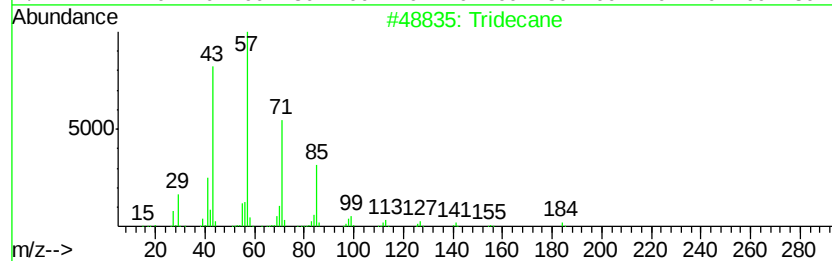
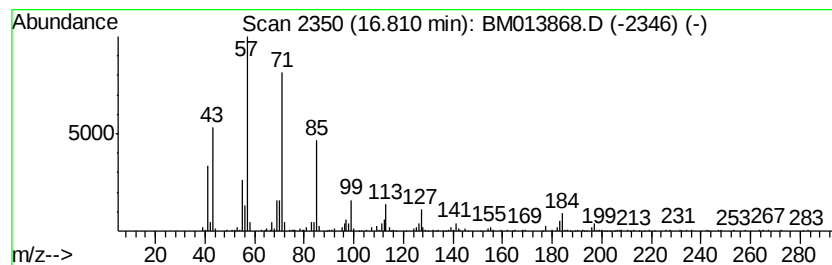
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 16.81 | 9.06 ng/ul | 861007 | Phenanthrene-d10 | 16.99 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                          | 184 | C13H28  | 000629-50-5 | 90   |
| 2    |    |   | Tridecane                          | 184 | C13H28  | 000629-50-5 | 86   |
| 3    |    |   | Octadecane, 1-iodo-                | 380 | C18H37I | 000629-93-6 | 86   |
| 4    |    |   | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 83   |
| 5    |    |   | Nonane, 3,7-dimethyl-              | 156 | C11H24  | 017302-32-8 | 81   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

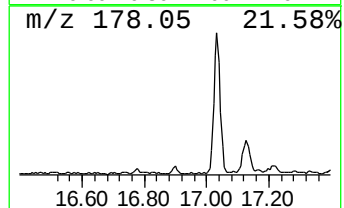
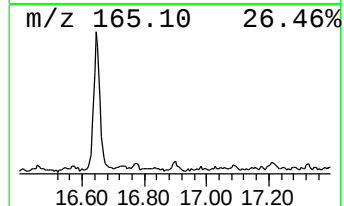
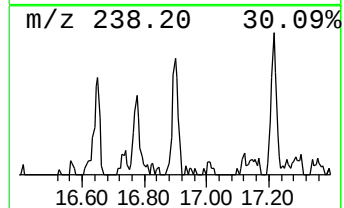
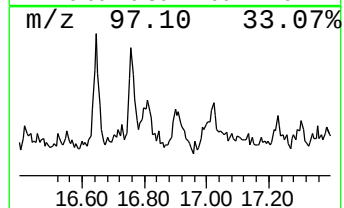
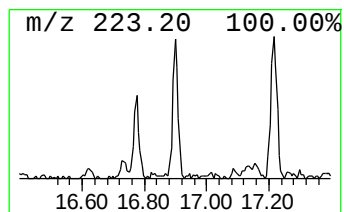
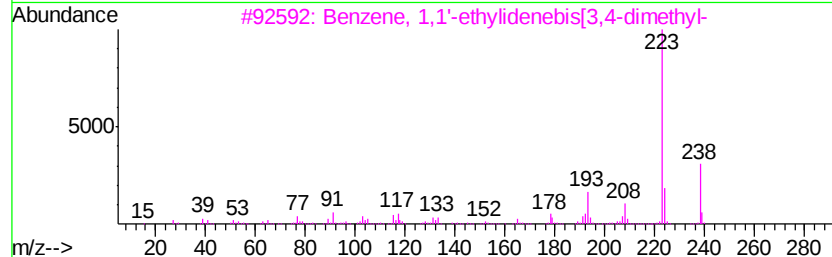
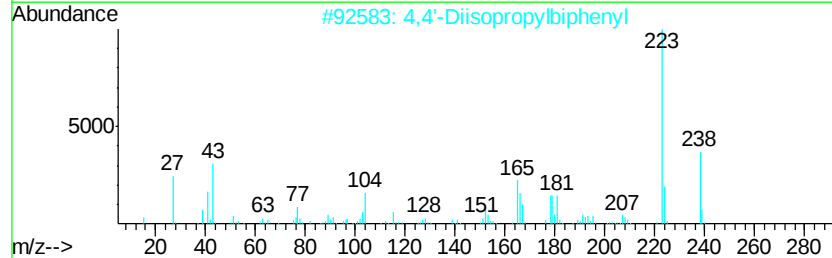
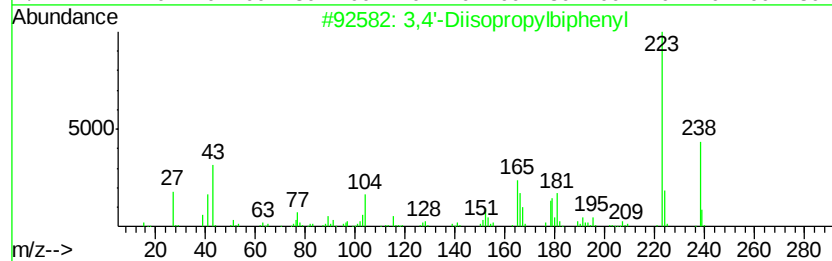
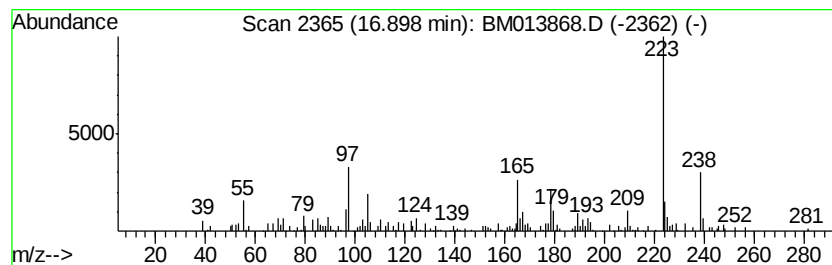
Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 29 3,4'-Diisopropylbiphenyl Concentration Rank 36

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.     |             |      |
|---------|------------|-------------------------------------|------------------|----------|-------------|------|
| 16.90   | 2.53 ng/ul | 240891                              | Phenanthrene-d10 | 16.99    |             |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm  | CAS#        | Qual |
| 1       |            | 3,4'-Diisopropylbiphenyl            | 238              | C18H22   | 061434-46-6 | 64   |
| 2       |            | 4,4'-Diisopropylbiphenyl            | 238              | C18H22   | 018970-30-4 | 58   |
| 3       |            | Benzene, 1,1'-ethylidenebis[3,4-... | 238              | C18H22   | 001742-14-9 | 49   |
| 4       |            | Ethane, 1-(2,3-xylyl)-1-(3,4-xyl... | 238              | C18H22   | 002816-98-0 | 47   |
| 5       |            | 2-Isopropylxanthen-9-one            | 238              | C16H14O2 | 069737-66-2 | 46   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

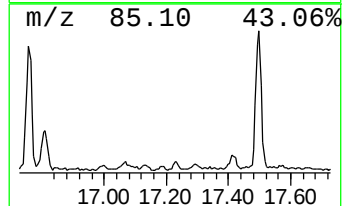
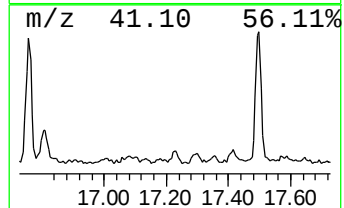
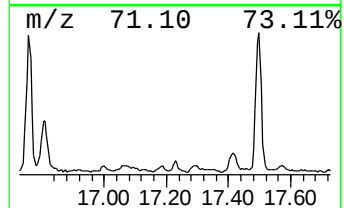
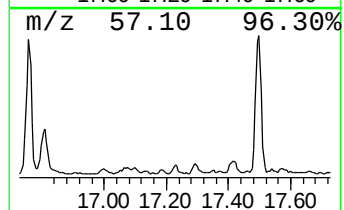
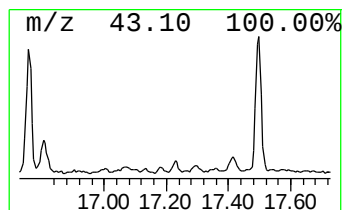
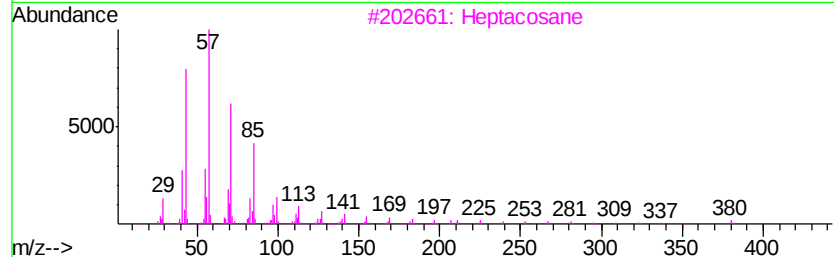
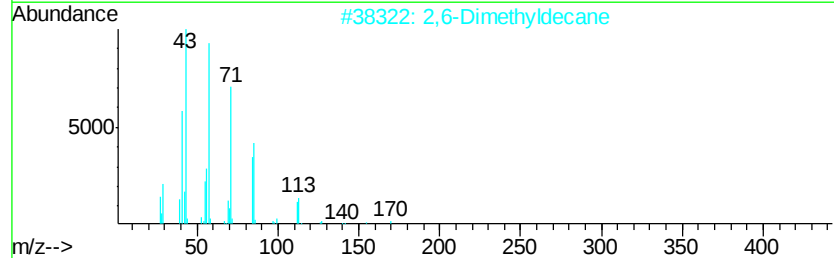
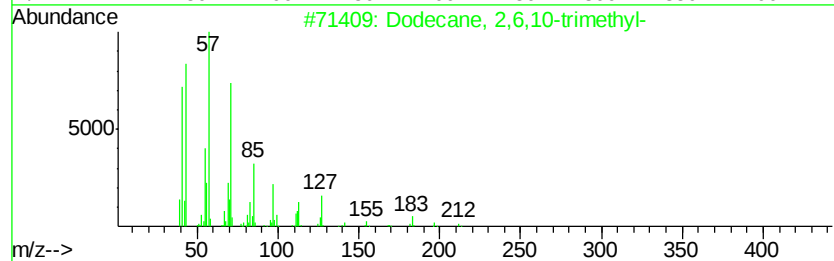
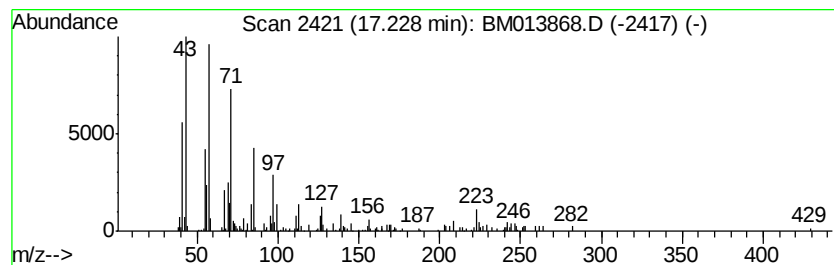
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.23 | 3.16 ng/ul | 300387 | Phenanthrene-d10 | 16.99 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-         | 212 | C15H32  | 003891-98-3 | 86   |
| 2    |    |   | 2,6-Dimethyldecane                  | 170 | C12H26  | 013150-81-7 | 55   |
| 3    |    |   | Heptacosane                         | 380 | C27H56  | 000593-49-7 | 52   |
| 4    |    |   | Octadecane, 3-ethyl-5-(2-ethylbu... | 366 | C26H54  | 055282-12-7 | 52   |
| 5    |    |   | Nonacosane                          | 408 | C29H60  | 000630-03-5 | 50   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

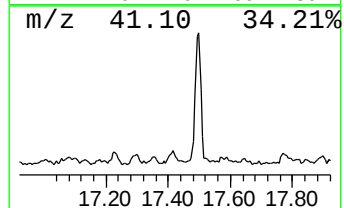
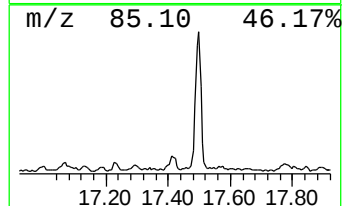
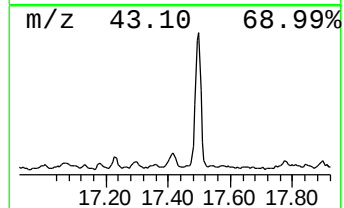
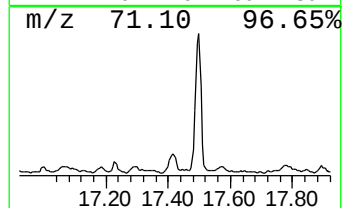
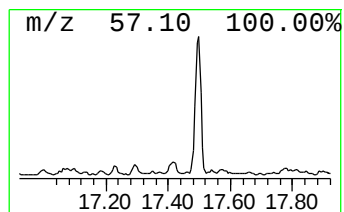
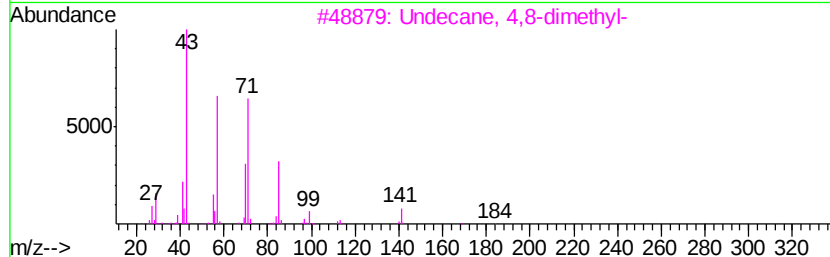
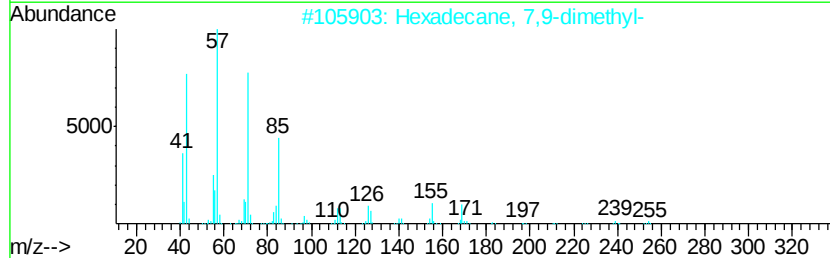
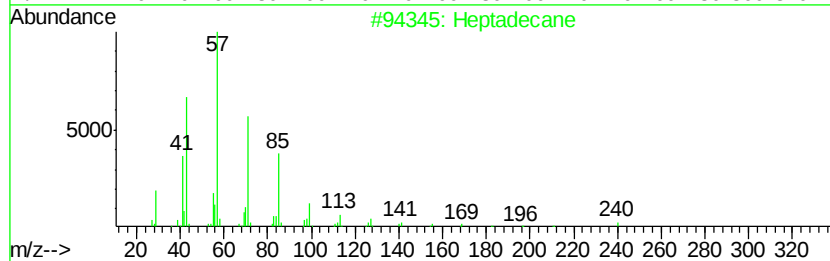
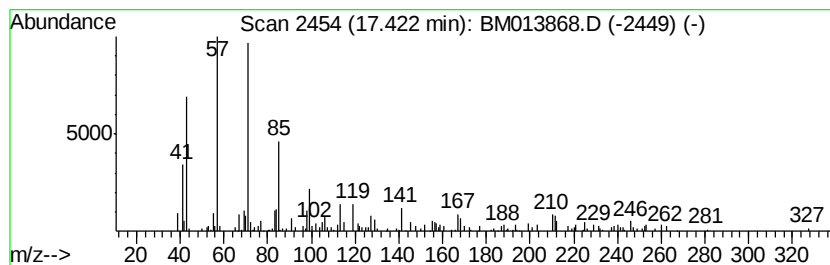
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.42 | 3.00 ng/ul | 285360 | Phenanthrene-d10 | 16.99 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane               | 240 | C17H36  | 000629-78-7 | 72   |
| 2    |    |   | Hexadecane, 7,9-dimethyl- | 254 | C18H38  | 021164-95-4 | 72   |
| 3    |    |   | Undecane, 4,8-dimethyl-   | 184 | C13H28  | 017301-33-6 | 64   |
| 4    |    |   | Heptacosane               | 380 | C27H56  | 000593-49-7 | 64   |
| 5    |    |   | Heptadecane               | 240 | C17H36  | 000629-78-7 | 64   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

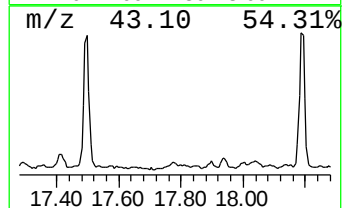
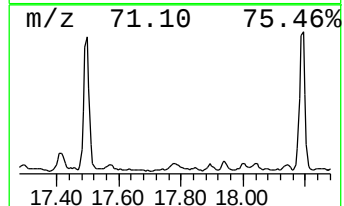
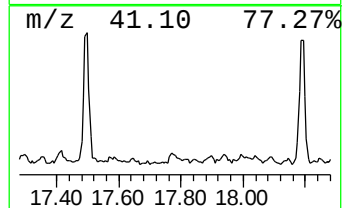
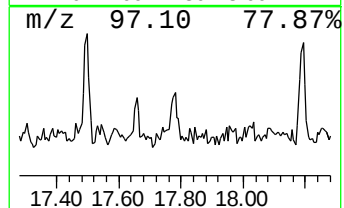
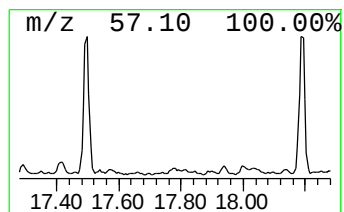
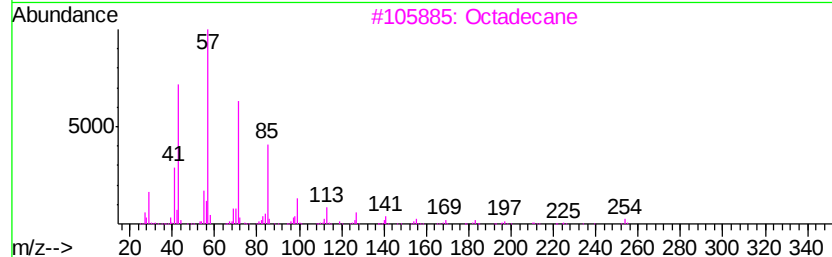
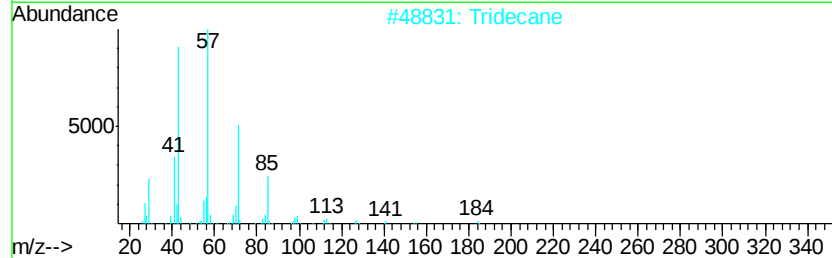
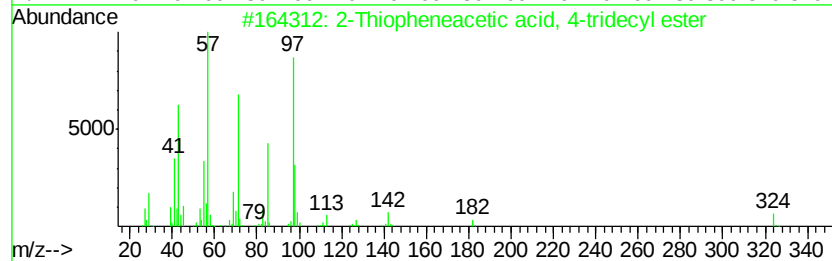
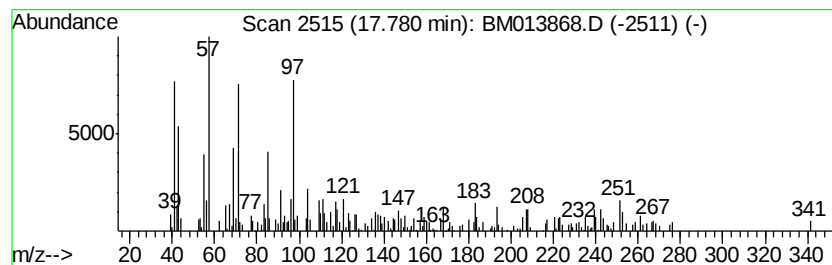
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 33 unknown-06 Concentration Rank 38

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.78 | 2.48 ng/ul | 235992 | Phenanthrene-d10 | 16.99 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 2-Thiopheneacetic acid, 4-tridec... | 324 | C19H32O2S | 1000280-66-8 | 49   |
| 2    |    |   | Tridecane                           | 184 | C13H28    | 000629-50-5  | 41   |
| 3    |    |   | Octadecane                          | 254 | C18H38    | 000593-45-3  | 38   |
| 4    |    |   | Nonane, 5-(2-methylpropyl)-         | 184 | C13H28    | 062185-53-9  | 38   |
| 5    |    |   | Undecane, 2-methyl-                 | 170 | C12H26    | 007045-71-8  | 38   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

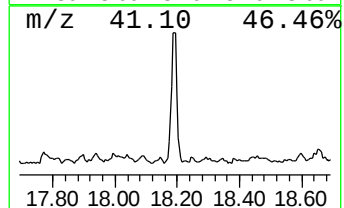
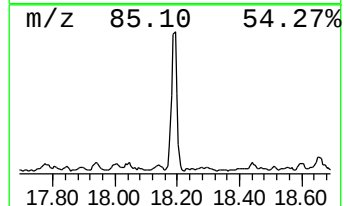
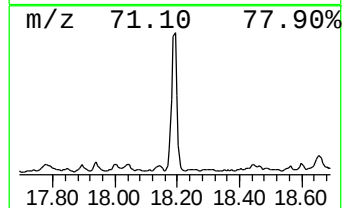
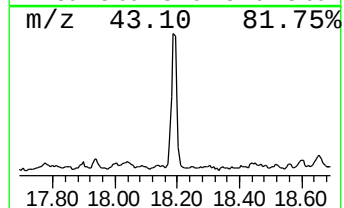
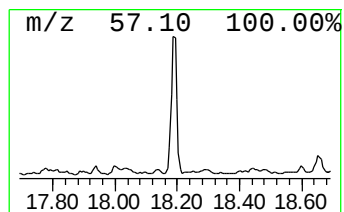
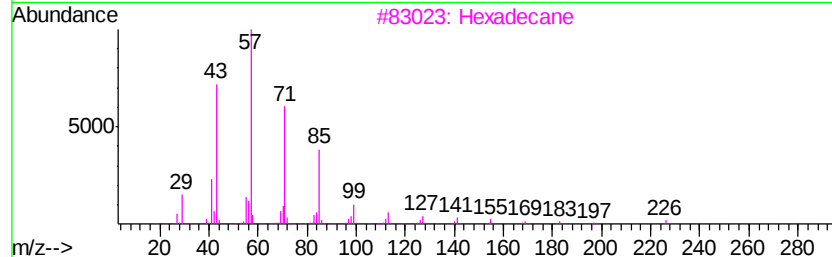
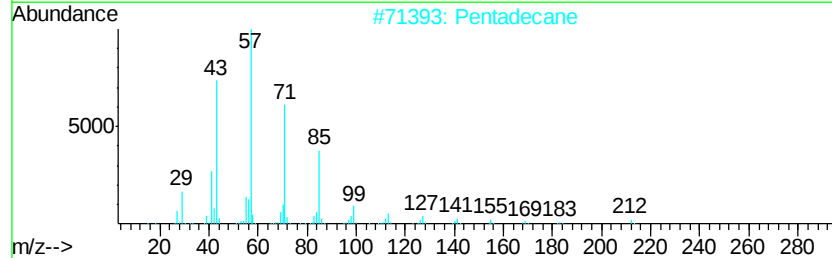
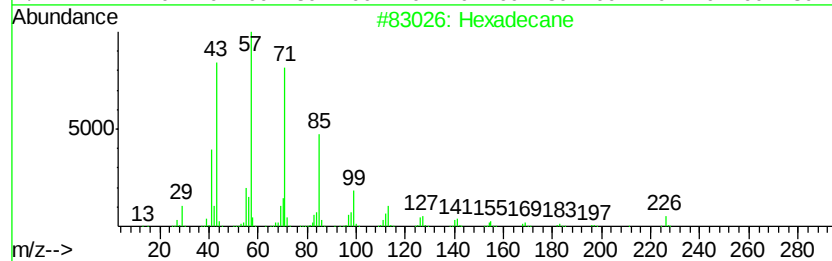
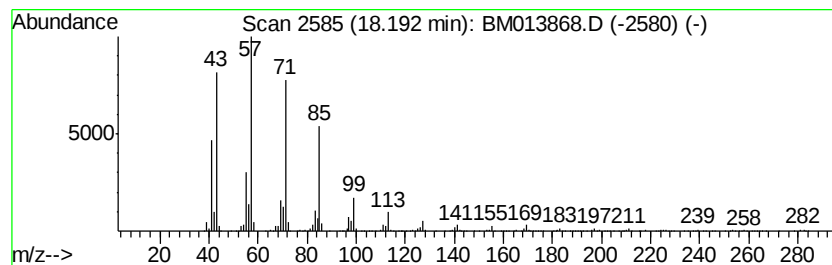
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 18.19 | 21.05 ng/ul | 2001000 | Phenanthrene-d10 | 16.99 |

| Hit# | of | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecane       | 226 | C16H34   | 000544-76-3 | 94   |
| 2    |    | Pentadecane      | 212 | C15H32   | 000629-62-9 | 91   |
| 3    |    | Hexadecane       | 226 | C16H34   | 000544-76-3 | 91   |
| 4    |    | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 91   |
| 5    |    | Tetracosane      | 338 | C24H50   | 000646-31-1 | 91   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

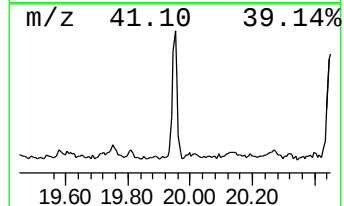
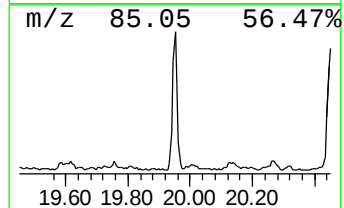
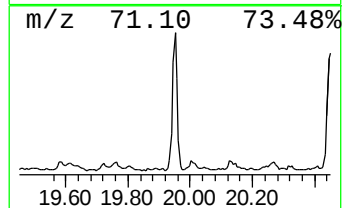
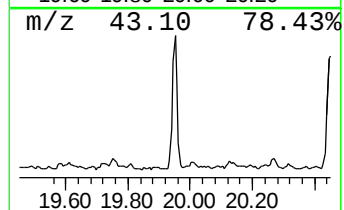
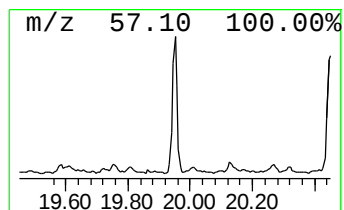
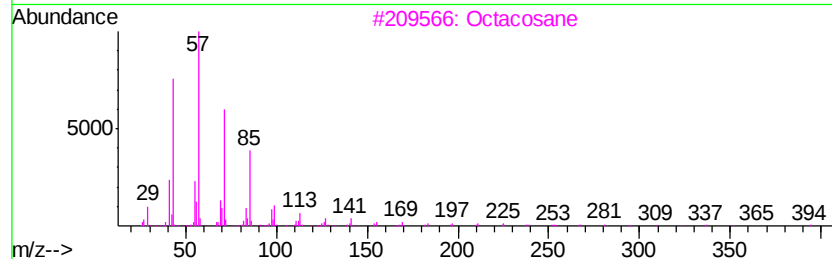
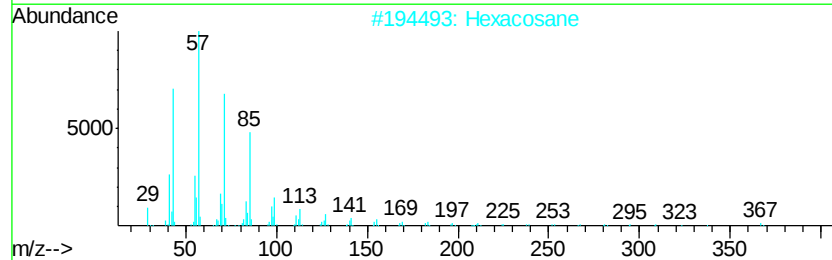
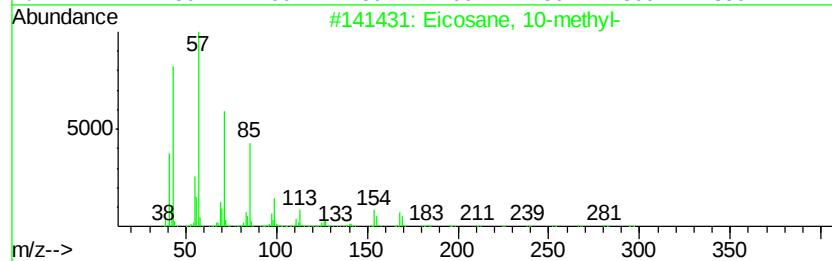
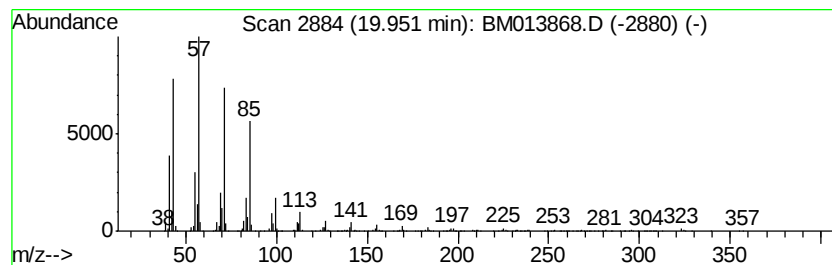
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 19.95 | 15.46 ng/ul | 1911240 | Chrysene-d12     | 21.19 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------|-----|----------|-------------|------|
| 1    |    |   | Eicosane, 10-methyl- | 296 | C21H44   | 054833-23-7 | 93   |
| 2    |    |   | Hexacosane           | 366 | C26H54   | 000630-01-3 | 91   |
| 3    |    |   | Octacosane           | 394 | C28H58   | 000630-02-4 | 91   |
| 4    |    |   | 2-Bromo dodecane     | 248 | C12H25Br | 013187-99-0 | 91   |
| 5    |    |   | Tetracosane          | 338 | C24H50   | 000646-31-1 | 91   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

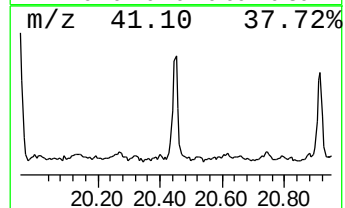
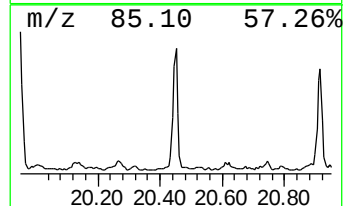
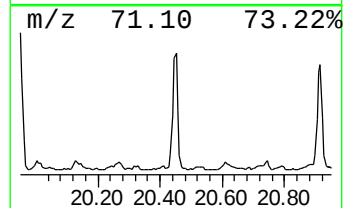
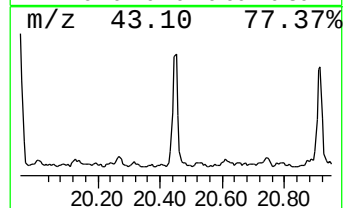
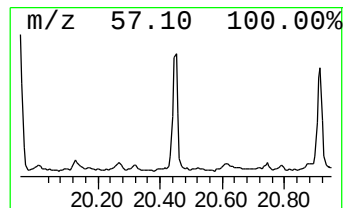
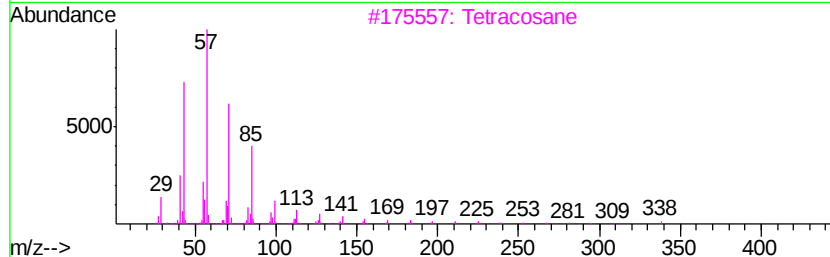
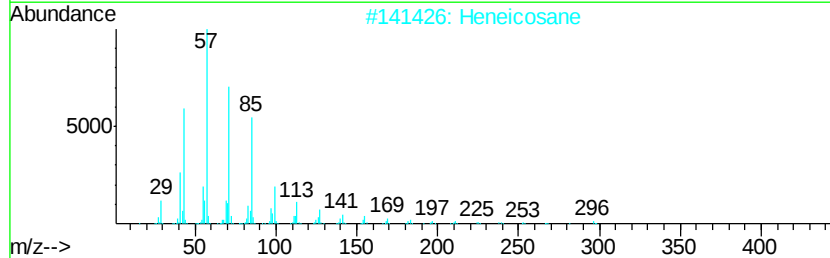
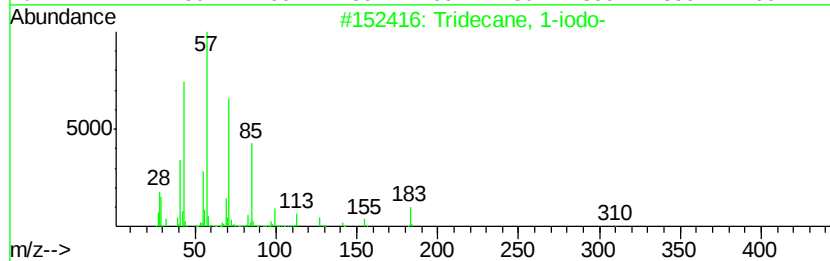
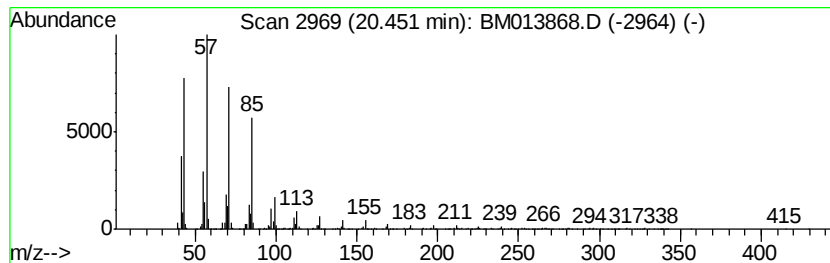
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 20.45 | 13.81 ng/ul | 1707780 | Chrysene-d12     | 21.19 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0 | 93   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 87   |
| 5    |    | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 87   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

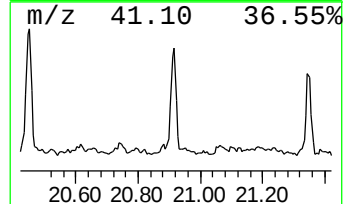
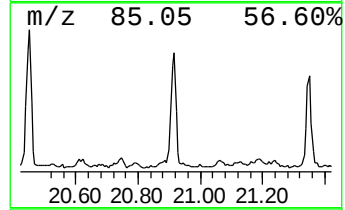
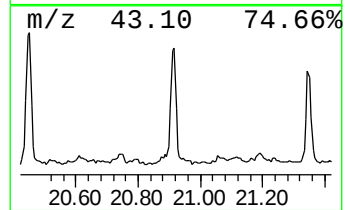
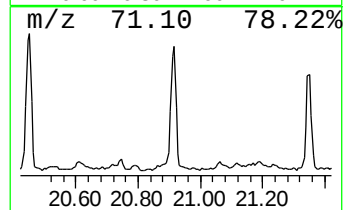
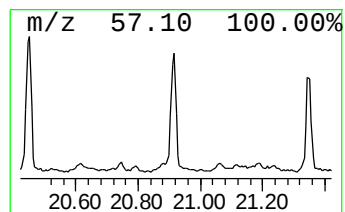
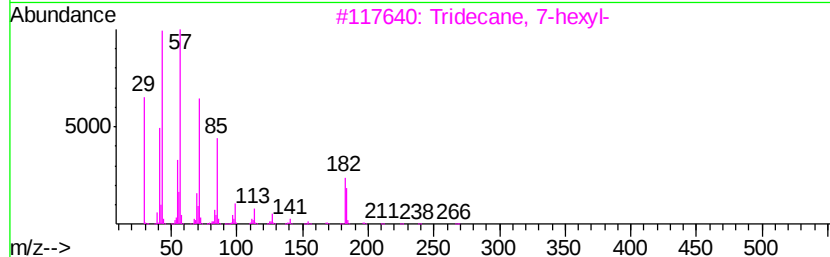
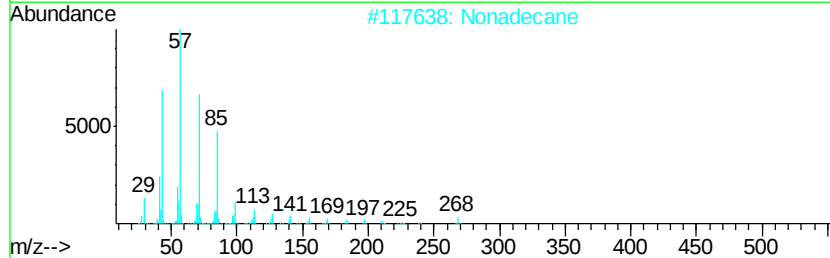
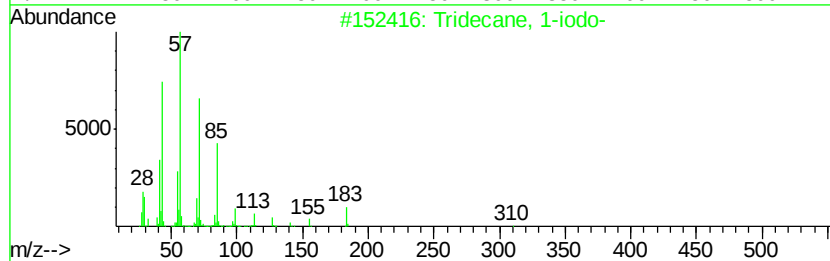
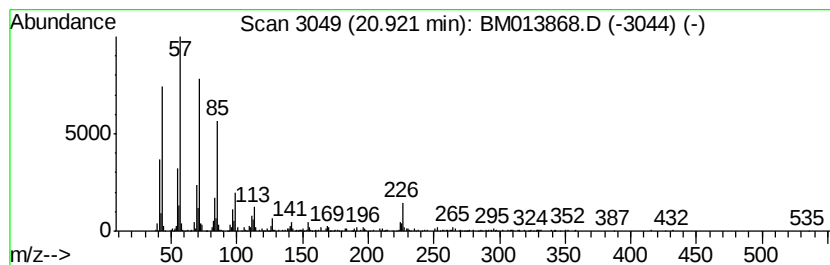
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 20.92 | 11.30 ng/ul | 1397070 | Chrysene-d12     | 21.19 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Tridecane, 1-iodo-  | 310 | C13H27I | 035599-77-0 | 94   |
| 2    |    | Nonadecane          | 268 | C19H40  | 000629-92-5 | 93   |
| 3    |    | Tridecane, 7-hexyl- | 268 | C19H40  | 007225-66-3 | 93   |
| 4    |    | Hexadecane          | 226 | C16H34  | 000544-76-3 | 93   |
| 5    |    | Hexacosane          | 366 | C26H54  | 000630-01-3 | 91   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

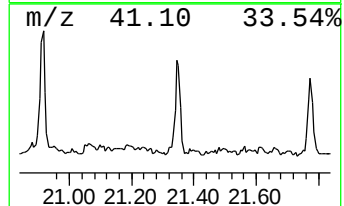
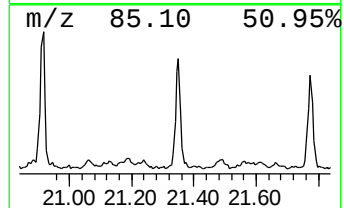
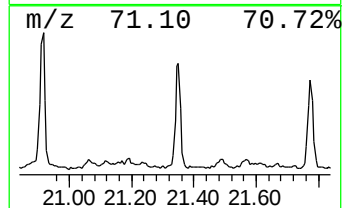
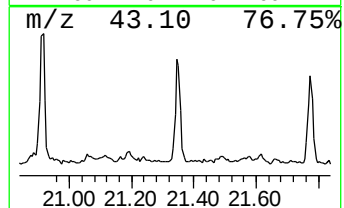
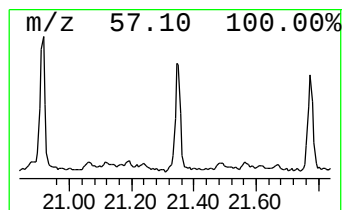
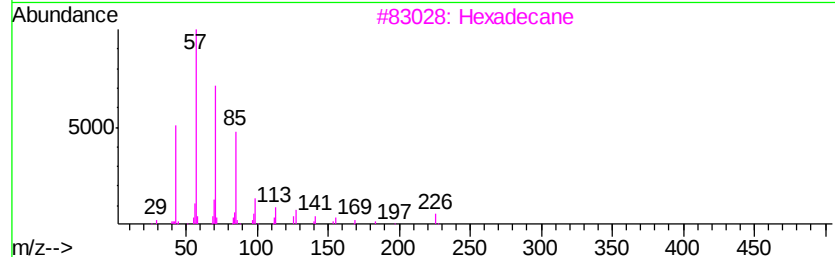
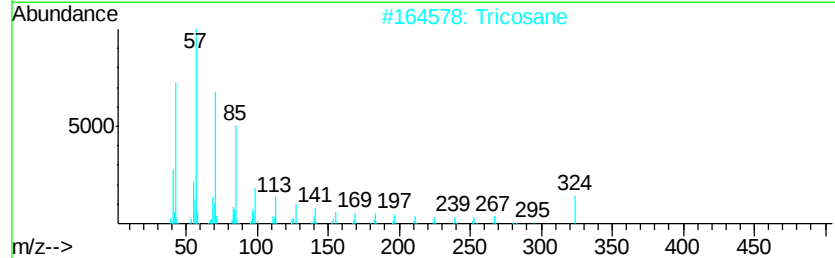
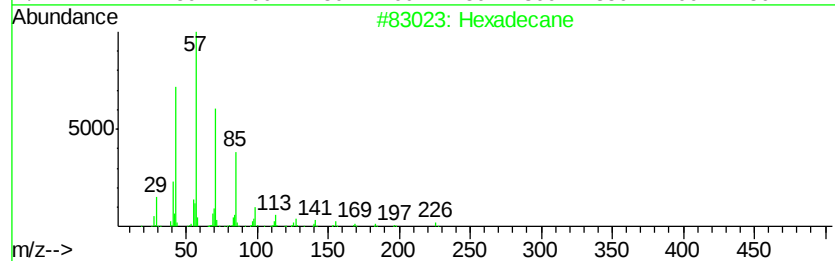
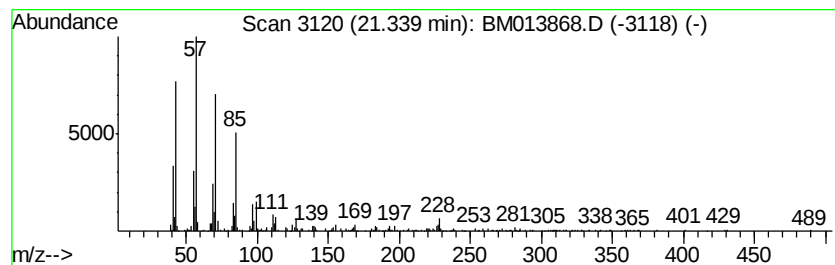
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 21.34 | 9.46 ng/ul | 1170390 | Chrysene-d12     | 21.19 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 96   |
| 2    |    |   | Tricosane           | 324 | C23H48  | 000638-67-5 | 93   |
| 3    |    |   | Hexadecane          | 226 | C16H34  | 000544-76-3 | 91   |
| 4    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3 | 91   |
| 5    |    |   | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8 | 90   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

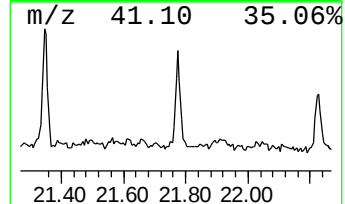
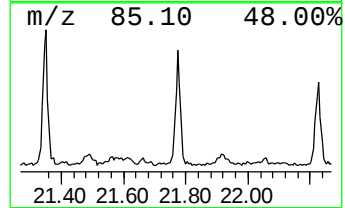
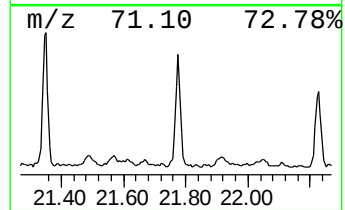
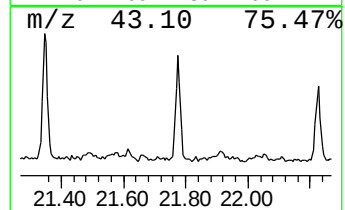
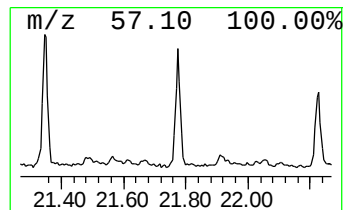
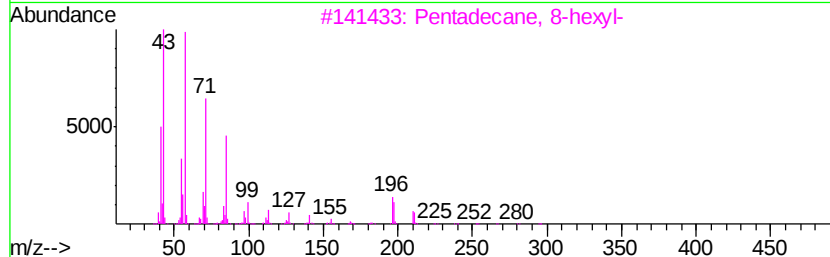
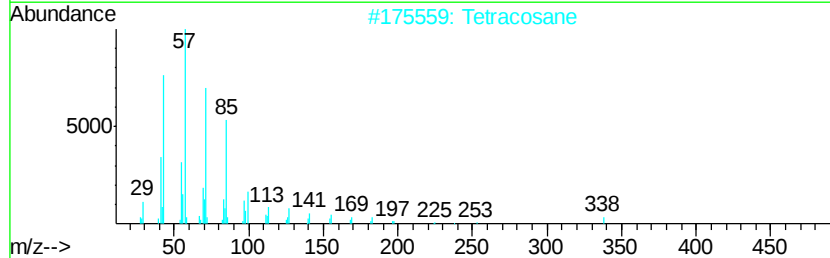
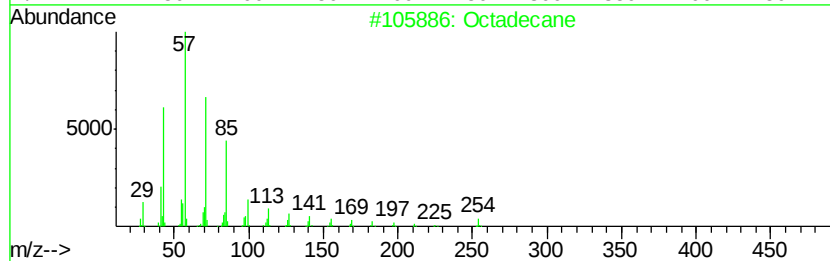
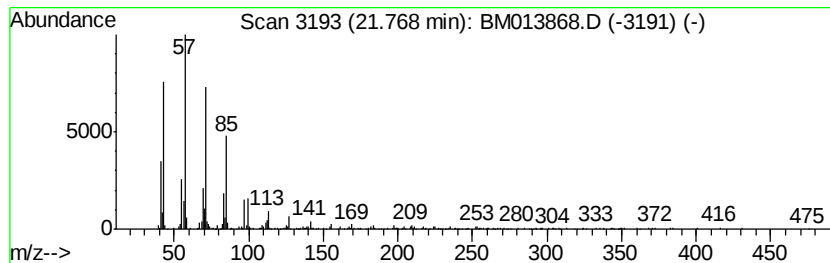
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.77 | 7.53 ng/ul | 931398 | Chrysene-d12     | 21.19 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane            | 254 | C18H38  | 000593-45-3 | 93   |
| 2    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1 | 93   |
| 3    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 93   |
| 4    |    |   | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0 | 91   |
| 5    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
Data File : BM013868.D  
Acq On : 27 Jan 2018 05:34  
Operator : SJ/JU  
Sample : J1223-11DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

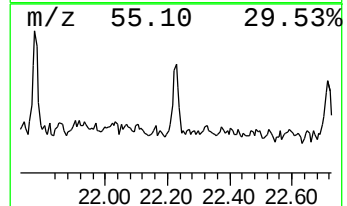
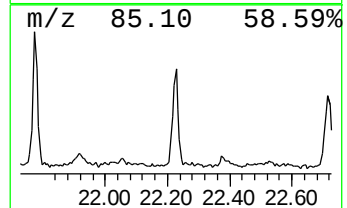
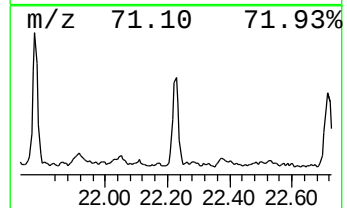
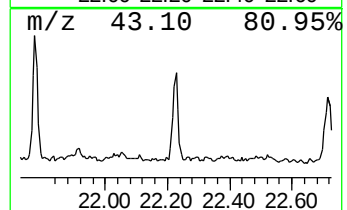
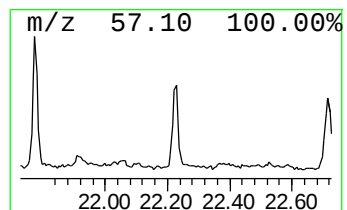
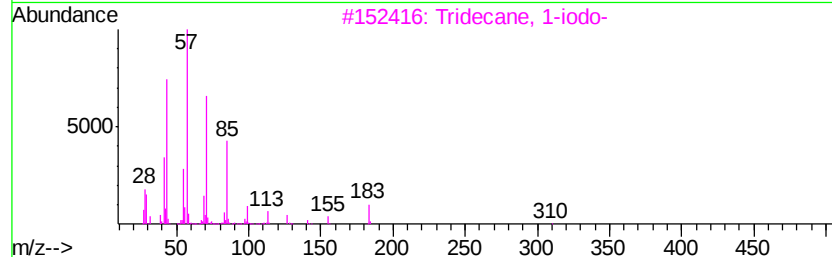
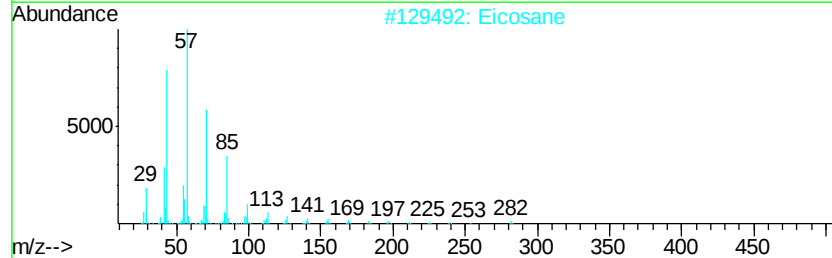
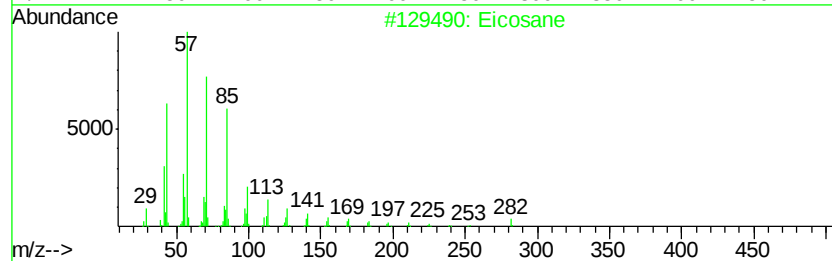
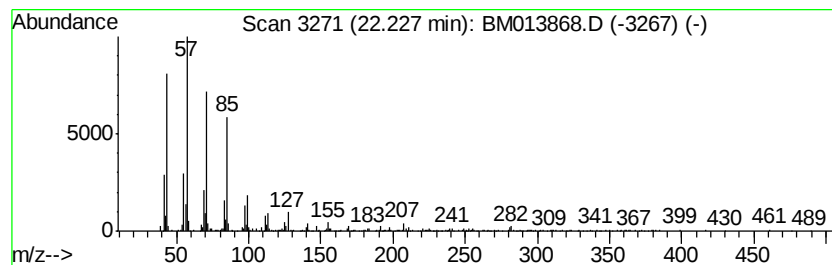
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.23 | 6.09 ng/ul | 752875 | Chrysene-d12     | 21.19 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Eicosane               |   |              | 282 | C20H42  | 000112-95-8 | 95   |
| 2    | Eicosane               |   |              | 282 | C20H42  | 000112-95-8 | 94   |
| 3    | Tridecane, 1-iodo-     |   |              | 310 | C13H27I | 035599-77-0 | 93   |
| 4    | Hexadecane, 1-iodo-    |   |              | 352 | C16H33I | 000544-77-4 | 93   |
| 5    | Heneicosane, 11-decyl- |   |              | 437 | C31H64  | 055320-06-4 | 91   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012618\  
 Data File : BM013868.D  
 Acq On : 27 Jan 2018 05:34  
 Operator : SJ/JU  
 Sample : J1223-11DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A77DL

Quant Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name      | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|-----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                       |       |         |       |          | #                     | RT    | Resp    | Conc |
| Methoxyacetic aci...  | 9.79  | 3.3     | ng/ul | 181745   | 2                     | 10.36 | 1090750 | 20.0 |
| (DEL) Alkane: Cyc...  | 11.05 | 3.1     | ng/ul | 168684   | 2                     | 10.36 | 1090750 | 20.0 |
| (DEL) Alkane: Str...  | 11.12 | 2.3     | ng/ul | 123650   | 2                     | 10.36 | 1090750 | 20.0 |
| (DEL) Alkane: Str...  | 11.19 | 2.4     | ng/ul | 131866   | 2                     | 10.36 | 1090750 | 20.0 |
| (DEL) Alkane: Str...  | 11.27 | 4.7     | ng/ul | 254393   | 2                     | 10.36 | 1090750 | 20.0 |
| (DEL) Alkane: Str...  | 11.38 | 15.6    | ng/ul | 849568   | 2                     | 10.36 | 1090750 | 20.0 |
| unknown-01            | 11.42 | 4.2     | ng/ul | 226217   | 2                     | 10.36 | 1090750 | 20.0 |
| (DEL) Alkane: Str...  | 11.79 | 28.8    | ng/ul | 1570760  | 2                     | 10.36 | 1090750 | 20.0 |
| unknown-02            | 12.44 | 2.3     | ng/ul | 220690   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 12.49 | 3.1     | ng/ul | 300184   | 3                     | 14.23 | 1943750 | 20.0 |
| 1-Iodo-2-methylno...  | 12.62 | 4.5     | ng/ul | 433007   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 12.70 | 2.7     | ng/ul | 258498   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 12.76 | 7.1     | ng/ul | 686267   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 13.06 | 18.3    | ng/ul | 1782850  | 3                     | 14.23 | 1943750 | 20.0 |
| 2-Bromo dodecane      | 13.76 | 4.0     | ng/ul | 385685   | 3                     | 14.23 | 1943750 | 20.0 |
| unknown-03            | 14.06 | 2.9     | ng/ul | 278290   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 14.15 | 18.0    | ng/ul | 1745630  | 3                     | 14.23 | 1943750 | 20.0 |
| 4'-(1-Pyrrolyl)ace... | 14.38 | 3.1     | ng/ul | 303907   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 14.76 | 4.9     | ng/ul | 474537   | 3                     | 14.23 | 1943750 | 20.0 |
| unknown-04            | 15.01 | 2.9     | ng/ul | 280200   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 15.10 | 16.7    | ng/ul | 1621520  | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 15.50 | 8.6     | ng/ul | 837316   | 3                     | 14.23 | 1943750 | 20.0 |
| Benzophenone          | 15.60 | 3.2     | ng/ul | 312409   | 3                     | 14.23 | 1943750 | 20.0 |
| (DEL) Alkane: Str...  | 15.66 | 2.5     | ng/ul | 236121   | 4                     | 16.99 | 1901570 | 20.0 |
| unknown-05            | 15.71 | 4.7     | ng/ul | 446395   | 4                     | 16.99 | 1901570 | 20.0 |
| (DEL) Alkane: Str...  | 15.97 | 25.9    | ng/ul | 2459950  | 4                     | 16.99 | 1901570 | 20.0 |
| (DEL) Alkane: Str...  | 16.76 | 18.2    | ng/ul | 1727000  | 4                     | 16.99 | 1901570 | 20.0 |
| (DEL) Alkane: Str...  | 16.81 | 9.1     | ng/ul | 861007   | 4                     | 16.99 | 1901570 | 20.0 |
| 3,4'-Diisopropylb...  | 16.90 | 2.5     | ng/ul | 240891   | 4                     | 16.99 | 1901570 | 20.0 |
| (DEL) Alkane: Str...  | 17.23 | 3.2     | ng/ul | 300387   | 4                     | 16.99 | 1901570 | 20.0 |
| (DEL) Alkane: Str...  | 17.42 | 3.0     | ng/ul | 285360   | 4                     | 16.99 | 1901570 | 20.0 |
| unknown-06            | 17.78 | 2.5     | ng/ul | 235992   | 4                     | 16.99 | 1901570 | 20.0 |
| (DEL) Alkane: Str...  | 18.19 | 21.1    | ng/ul | 2001000  | 4                     | 16.99 | 1901570 | 20.0 |
| (DEL) Alkane: Str...  | 19.95 | 15.5    | ng/ul | 1911240  | 5                     | 21.19 | 2473280 | 20.0 |
| (DEL) Alkane: Str...  | 20.45 | 13.8    | ng/ul | 1707780  | 5                     | 21.19 | 2473280 | 20.0 |
| (DEL) Alkane: Str...  | 20.92 | 11.3    | ng/ul | 1397070  | 5                     | 21.19 | 2473280 | 20.0 |
| (DEL) Alkane: Str...  | 21.34 | 9.5     | ng/ul | 1170390  | 5                     | 21.19 | 2473280 | 20.0 |
| (DEL) Alkane: Str...  | 21.77 | 7.5     | ng/ul | 931398   | 5                     | 21.19 | 2473280 | 20.0 |
| (DEL) Alkane: Str...  | 22.23 | 6.1     | ng/ul | 752875   | 5                     | 21.19 | 2473280 | 20.0 |