

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
 Data File : BM019484.D  
 Acq On : 26 Mar 2019 23:32  
 Operator : JU/SJ  
 Sample : K2063-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DB6S2

## Integration Parameters: LSCINT.P

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

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.146       | 24            | 27          | 37           | rVB      | 28868          | 42270         | 0.98%           | 0.090%        |
| 2         | 3.846       | 141           | 146         | 152          | rBV      | 98314          | 147551        | 3.44%           | 0.313%        |
| 3         | 4.952       | 327           | 334         | 340          | rBV3     | 17258          | 36748         | 0.86%           | 0.078%        |
| 4         | 5.128       | 359           | 364         | 370          | rBV      | 45358          | 64608         | 1.50%           | 0.137%        |
| 5         | 5.258       | 380           | 386         | 388          | rBV      | 54698          | 80153         | 1.87%           | 0.170%        |
| 6         | 5.622       | 443           | 448         | 453          | rVB      | 34018          | 49092         | 1.14%           | 0.104%        |
| 7         | 5.699       | 453           | 461         | 467          | rVB5     | 10711          | 24762         | 0.58%           | 0.052%        |
| 8         | 6.575       | 605           | 610         | 615          | rBV      | 18152          | 26733         | 0.62%           | 0.057%        |
| 9         | 6.681       | 624           | 628         | 634          | rBV      | 52430          | 76864         | 1.79%           | 0.163%        |
| 10        | 6.740       | 634           | 638         | 642          | rBV      | 27103          | 36888         | 0.86%           | 0.078%        |
| 11        | 6.787       | 642           | 646         | 649          | rBV      | 130194         | 223665        | 5.21%           | 0.474%        |
| 12        | 6.952       | 668           | 674         | 691          | rBV      | 406488         | 737634        | 17.18%          | 1.564%        |
| 13        | 7.134       | 699           | 705         | 717          | rBV      | 500916         | 828486        | 19.29%          | 1.757%        |
| 14        | 7.234       | 717           | 722         | 731          | rVB      | 120698         | 193057        | 4.50%           | 0.409%        |
| 15        | 7.599       | 776           | 784         | 797          | rBV      | 627820         | 1045938       | 24.35%          | 2.218%        |
| 16        | 7.693       | 797           | 800         | 808          | rVB8     | 11591          | 30267         | 0.70%           | 0.064%        |
| 17        | 7.910       | 831           | 837         | 840          | rVV3     | 17728          | 29402         | 0.68%           | 0.062%        |
| 18        | 7.957       | 840           | 845         | 849          | rVV4     | 27908          | 46739         | 1.09%           | 0.099%        |
| 19        | 8.022       | 851           | 856         | 860          | rVB4     | 10753          | 20141         | 0.47%           | 0.043%        |
| 20        | 8.075       | 860           | 865         | 869          | rBV3     | 23491          | 37026         | 0.86%           | 0.079%        |
| 21        | 8.128       | 869           | 874         | 879          | rBV      | 39877          | 61393         | 1.43%           | 0.130%        |
| 22        | 8.222       | 885           | 890         | 894          | rBV2     | 67131          | 101966        | 2.37%           | 0.216%        |
| 23        | 8.269       | 894           | 898         | 901          | rVV5     | 17094          | 30212         | 0.70%           | 0.064%        |
| 24        | 8.316       | 901           | 906         | 914          | rVV      | 400183         | 718391        | 16.73%          | 1.523%        |
| 25        | 8.528       | 932           | 942         | 948          | rBV3     | 89650          | 195299        | 4.55%           | 0.414%        |
| 26        | 8.581       | 948           | 951         | 954          | rVV2     | 34948          | 56686         | 1.32%           | 0.120%        |
| 27        | 8.646       | 954           | 962         | 966          | rVV      | 196776         | 402980        | 9.38%           | 0.854%        |
| 28        | 8.681       | 966           | 968         | 972          | rVV      | 54051          | 69974         | 1.63%           | 0.148%        |
| 29        | 8.722       | 972           | 975         | 977          | rVV3     | 17191          | 23791         | 0.55%           | 0.050%        |
| 30        | 8.769       | 977           | 983         | 995          | rVV      | 518579         | 891676        | 20.76%          | 1.891%        |
| 31        | 8.922       | 1002          | 1009        | 1013         | rVB9     | 10315          | 25311         | 0.59%           | 0.054%        |
| 32        | 9.204       | 1051          | 1057        | 1062         | rBV      | 18202          | 31048         | 0.72%           | 0.066%        |
| 33        | 9.263       | 1062          | 1067        | 1072         | rBV2     | 22384          | 34364         | 0.80%           | 0.073%        |
| 34        | 9.363       | 1077          | 1084        | 1088         | rBV7     | 11938          | 28513         | 0.66%           | 0.060%        |

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 Sampling : 1  
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 Stop Thrs : 0

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 35 | 9.404  | 1088 | 1091 | 1097 | rVB5  | 20574   | 29302   | 0.68%  | 0.062% |
| 36 | 9.481  | 1097 | 1104 | 1113 | rBV   | 432273  | 786816  | 18.32% | 1.668% |
| 37 | 9.575  | 1116 | 1120 | 1124 | rVV2  | 14694   | 26190   | 0.61%  | 0.056% |
| 38 | 9.622  | 1127 | 1128 | 1138 | rVB6  | 12196   | 24116   | 0.56%  | 0.051% |
| 39 | 9.734  | 1138 | 1147 | 1151 | rBV5  | 18847   | 45242   | 1.05%  | 0.096% |
| 40 | 9.840  | 1161 | 1165 | 1172 | rVB7  | 20630   | 37245   | 0.87%  | 0.079% |
| 41 | 10.016 | 1188 | 1195 | 1217 | rBV   | 548163  | 1250476 | 29.12% | 2.651% |
| 42 | 10.381 | 1248 | 1257 | 1264 | rBV   | 924293  | 1542838 | 35.92% | 3.271% |
| 43 | 10.569 | 1285 | 1289 | 1297 | rVB6  | 10762   | 22266   | 0.52%  | 0.047% |
| 44 | 10.781 | 1320 | 1325 | 1333 | rVB9  | 11124   | 24774   | 0.58%  | 0.053% |
| 45 | 11.081 | 1370 | 1376 | 1384 | rVB2  | 41728   | 90532   | 2.11%  | 0.192% |
| 46 | 11.193 | 1390 | 1395 | 1404 | rBV8  | 16573   | 48303   | 1.12%  | 0.102% |
| 47 | 11.340 | 1413 | 1420 | 1430 | rBV10 | 12279   | 32177   | 0.75%  | 0.068% |
| 48 | 11.587 | 1457 | 1462 | 1467 | rVB5  | 12983   | 21291   | 0.50%  | 0.045% |
| 49 | 11.975 | 1524 | 1528 | 1532 | rVV5  | 15128   | 27401   | 0.64%  | 0.058% |
| 50 | 12.051 | 1539 | 1541 | 1547 | rVB7  | 10847   | 20363   | 0.47%  | 0.043% |
| 51 | 12.292 | 1578 | 1582 | 1588 | rBV6  | 11656   | 25484   | 0.59%  | 0.054% |
| 52 | 12.351 | 1588 | 1592 | 1597 | rBV7  | 9195    | 21651   | 0.50%  | 0.046% |
| 53 | 12.475 | 1609 | 1613 | 1619 | rVB6  | 12853   | 19784   | 0.46%  | 0.042% |
| 54 | 12.798 | 1664 | 1668 | 1673 | rVV6  | 11415   | 21084   | 0.49%  | 0.045% |
| 55 | 13.134 | 1721 | 1725 | 1732 | rVB   | 62811   | 107465  | 2.50%  | 0.228% |
| 56 | 13.675 | 1811 | 1817 | 1823 | rBV   | 1418494 | 1980315 | 46.11% | 4.199% |
| 57 | 13.722 | 1823 | 1825 | 1832 | rVV   | 101139  | 140209  | 3.26%  | 0.297% |
| 58 | 13.951 | 1857 | 1864 | 1881 | rVB   | 1663579 | 2442093 | 56.86% | 5.178% |
| 59 | 14.139 | 1889 | 1896 | 1900 | rBV4  | 13714   | 29146   | 0.68%  | 0.062% |
| 60 | 14.257 | 1909 | 1916 | 1924 | rBV2  | 1450143 | 2169372 | 50.51% | 4.599% |
| 61 | 14.334 | 1924 | 1929 | 1941 | rBV   | 361800  | 651085  | 15.16% | 1.380% |
| 62 | 14.516 | 1954 | 1960 | 1962 | rBV2  | 83054   | 159172  | 3.71%  | 0.337% |
| 63 | 14.586 | 1969 | 1972 | 1980 | rVB4  | 38003   | 56307   | 1.31%  | 0.119% |
| 64 | 14.686 | 1985 | 1989 | 1997 | rVB9  | 9752    | 21260   | 0.50%  | 0.045% |
| 65 | 15.257 | 2080 | 2086 | 2097 | rBV   | 2238105 | 3049203 | 71.00% | 6.465% |
| 66 | 15.398 | 2104 | 2110 | 2121 | rBV   | 743280  | 1042838 | 24.28% | 2.211% |
| 67 | 15.498 | 2123 | 2127 | 2131 | rVB   | 27744   | 37047   | 0.86%  | 0.079% |
| 68 | 15.633 | 2144 | 2150 | 2159 | rBV   | 126034  | 193621  | 4.51%  | 0.411% |
| 69 | 15.998 | 2208 | 2212 | 2217 | rVV2  | 51213   | 76099   | 1.77%  | 0.161% |
| 70 | 16.092 | 2223 | 2228 | 2232 | rVV   | 97260   | 124396  | 2.90%  | 0.264% |
| 71 | 16.151 | 2233 | 2238 | 2244 | rVV2  | 113077  | 222828  | 5.19%  | 0.472% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 16.216 | 2244 | 2249 | 2253 | rVV2 | 103467  | 181461  | 4.23%   | 0.385% |
| 73  | 16.257 | 2253 | 2256 | 2260 | rVV  | 56707   | 70422   | 1.64%   | 0.149% |
| 74  | 16.310 | 2260 | 2265 | 2267 | rVV4 | 25965   | 39203   | 0.91%   | 0.083% |
| 75  | 16.333 | 2267 | 2269 | 2271 | rVV  | 26304   | 32788   | 0.76%   | 0.070% |
| 76  | 16.363 | 2271 | 2274 | 2276 | rVV2 | 24726   | 31883   | 0.74%   | 0.068% |
| 77  | 16.410 | 2277 | 2282 | 2290 | rVV3 | 61102   | 130667  | 3.04%   | 0.277% |
| 78  | 16.480 | 2290 | 2294 | 2298 | rVV  | 94539   | 128757  | 3.00%   | 0.273% |
| 79  | 16.522 | 2298 | 2301 | 2303 | rVV2 | 24642   | 35765   | 0.83%   | 0.076% |
| 80  | 16.551 | 2303 | 2306 | 2312 | rVV2 | 45199   | 65940   | 1.54%   | 0.140% |
| 81  | 16.804 | 2346 | 2349 | 2357 | rVV7 | 9291    | 19281   | 0.45%   | 0.041% |
| 82  | 17.016 | 2379 | 2385 | 2395 | rBV  | 1901535 | 2547397 | 59.31%  | 5.401% |
| 83  | 17.116 | 2395 | 2402 | 2412 | rVV  | 2541889 | 3616630 | 84.21%  | 7.668% |
| 84  | 17.910 | 2531 | 2537 | 2549 | rBV  | 297599  | 470812  | 10.96%  | 0.998% |
| 85  | 19.057 | 2727 | 2732 | 2737 | rBV  | 36637   | 62648   | 1.46%   | 0.133% |
| 86  | 19.198 | 2751 | 2756 | 2766 | rBV  | 110990  | 170996  | 3.98%   | 0.363% |
| 87  | 19.310 | 2772 | 2775 | 2778 | rBV2 | 24852   | 29536   | 0.69%   | 0.063% |
| 88  | 19.421 | 2788 | 2794 | 2808 | rVV  | 3311622 | 4253985 | 99.05%  | 9.019% |
| 89  | 19.657 | 2830 | 2834 | 2838 | rBV2 | 44103   | 52031   | 1.21%   | 0.110% |
| 90  | 19.933 | 2877 | 2881 | 2884 | rBV6 | 15253   | 22946   | 0.53%   | 0.049% |
| 91  | 20.921 | 3044 | 3049 | 3060 | rBV  | 472104  | 628648  | 14.64%  | 1.333% |
| 92  | 21.221 | 3094 | 3100 | 3107 | rBV  | 2145701 | 2809188 | 65.41%  | 5.956% |
| 93  | 21.357 | 3120 | 3123 | 3131 | rBV2 | 73522   | 99830   | 2.32%   | 0.212% |
| 94  | 21.786 | 3192 | 3196 | 3199 | rBV  | 128563  | 160694  | 3.74%   | 0.341% |
| 95  | 22.239 | 3269 | 3273 | 3280 | rVB  | 223160  | 291728  | 6.79%   | 0.619% |
| 96  | 22.733 | 3353 | 3357 | 3362 | rVB  | 269596  | 387407  | 9.02%   | 0.821% |
| 97  | 23.292 | 3445 | 3452 | 3463 | rBV2 | 2353667 | 4294704 | 100.00% | 9.106% |
| 98  | 23.433 | 3469 | 3476 | 3491 | rVB2 | 1328486 | 2606316 | 60.69%  | 5.526% |
| 99  | 23.915 | 3553 | 3558 | 3566 | rVB  | 261551  | 467246  | 10.88%  | 0.991% |
| 100 | 24.645 | 3677 | 3682 | 3689 | rVB3 | 196567  | 387667  | 9.03%   | 0.822% |

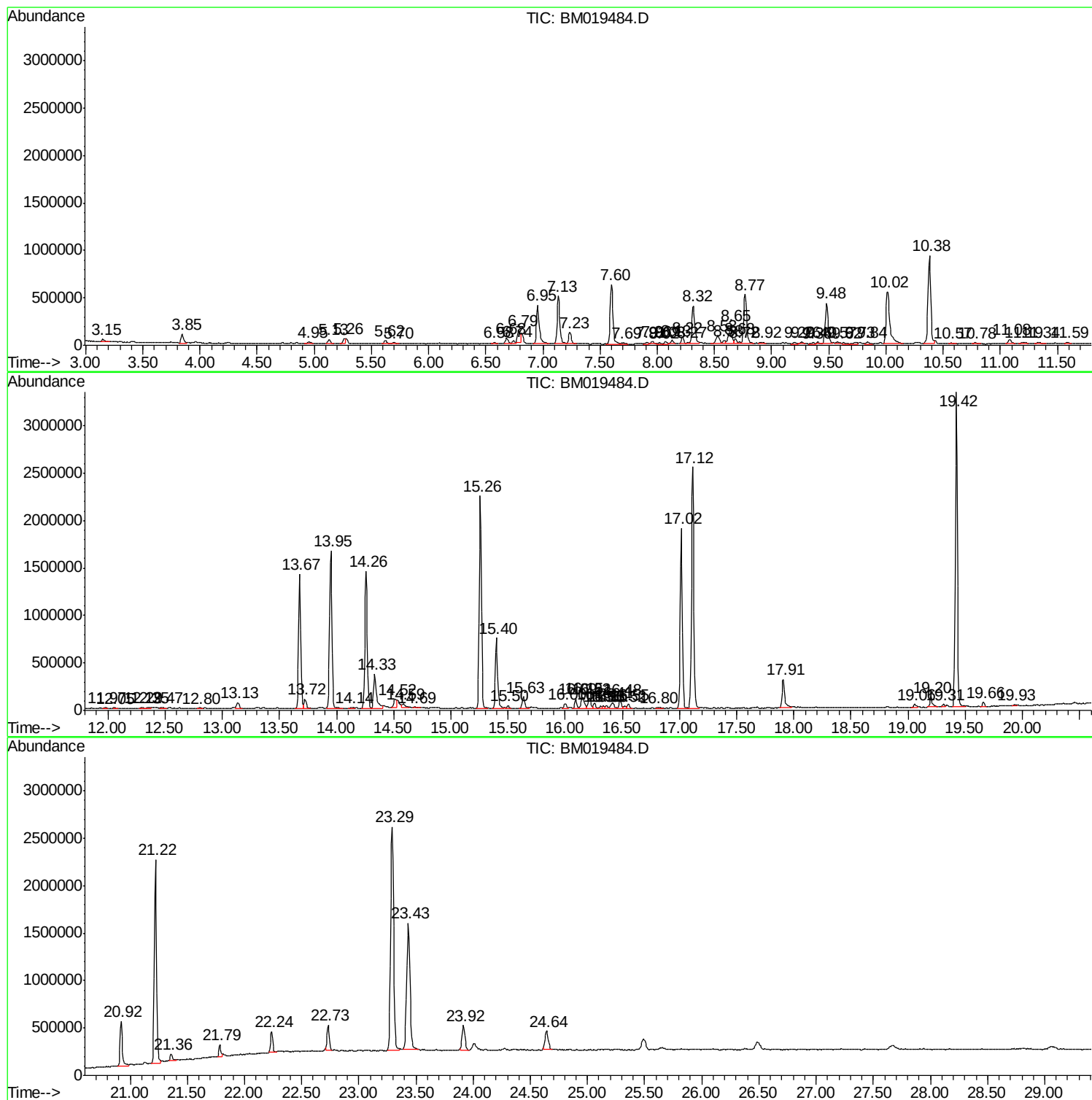
Sum of corrected areas: 47165995

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

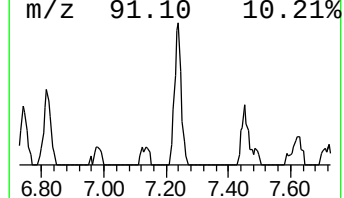
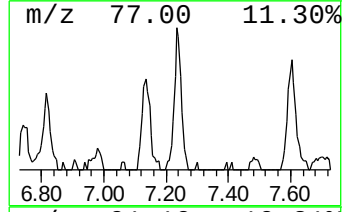
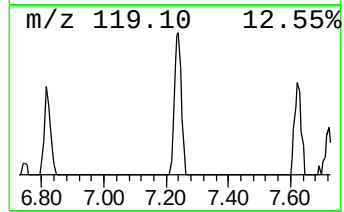
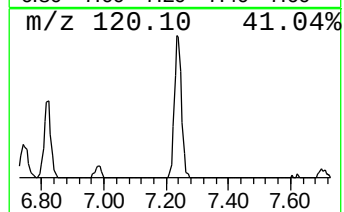
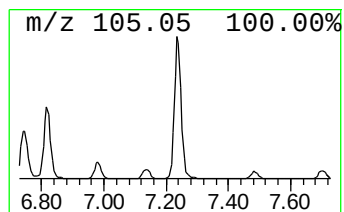
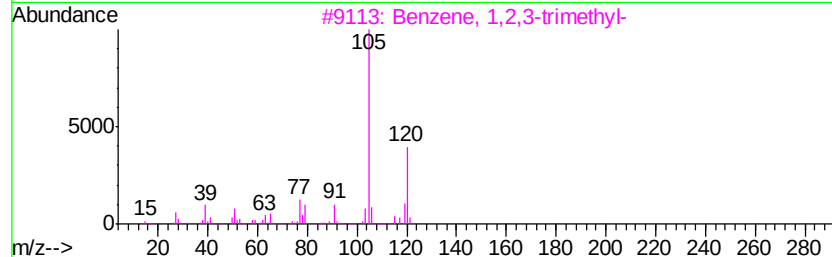
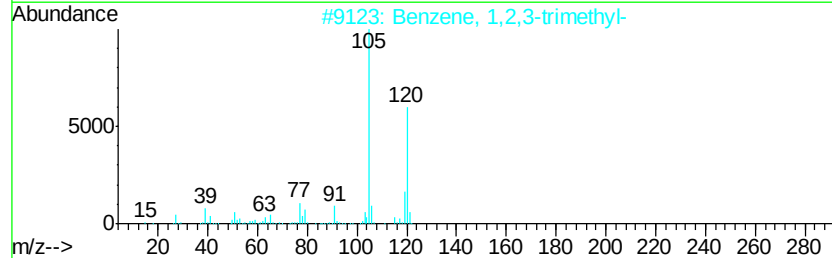
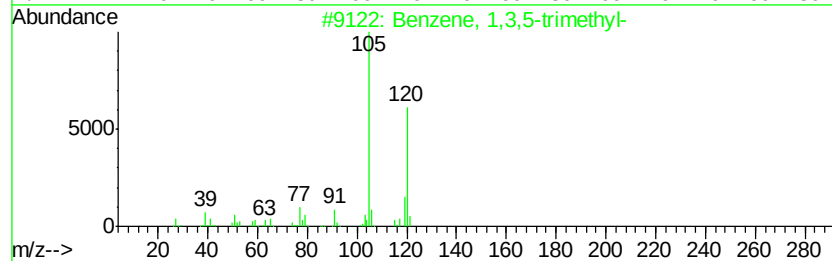
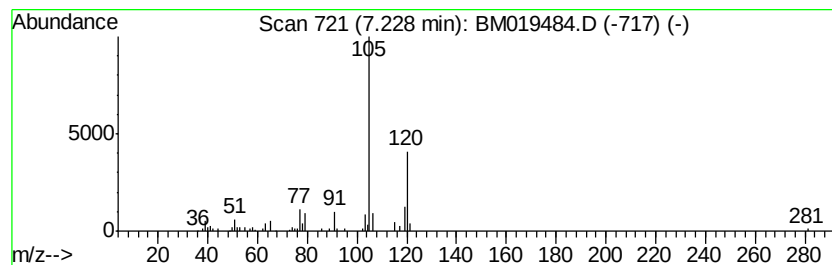
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1,3,5-trimethyl- Concentration Rank 6

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.23 | 3.69 ng/ul | 193057 | 1,4-Dichlorobenzene-d4 | 7.60 |

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



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Quant Title : SVOA CALIBRATION

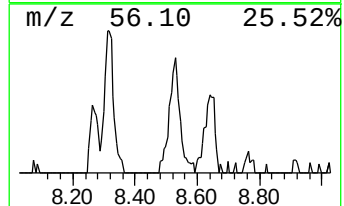
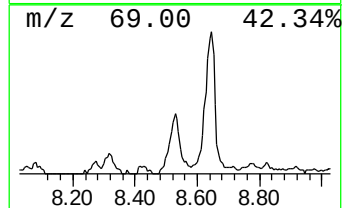
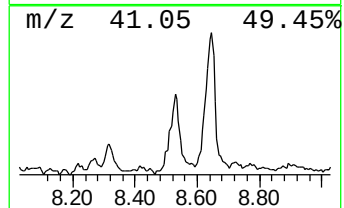
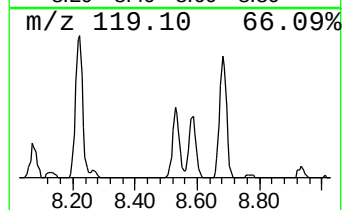
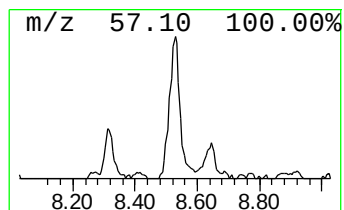
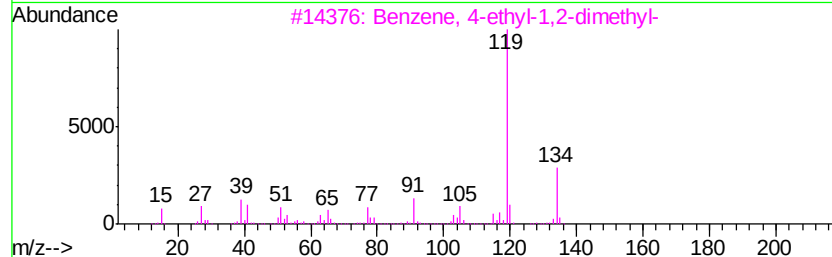
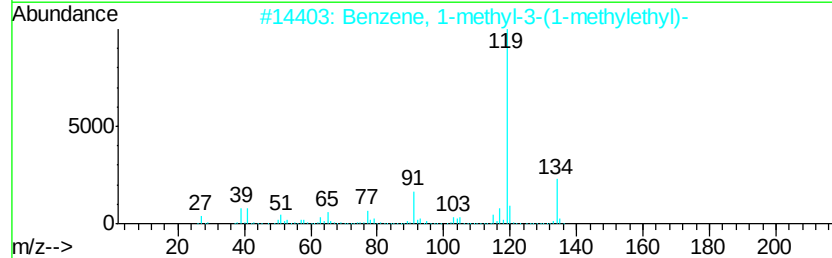
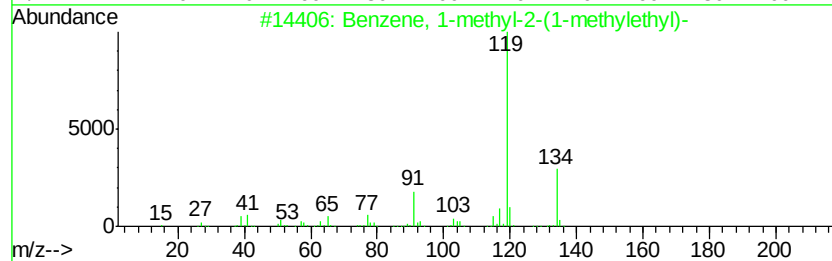
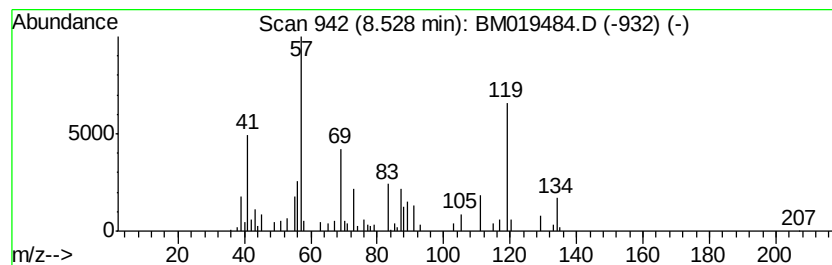
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown-01 Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.53 | 3.73 ng/ul | 195299 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14  | 000527-84-4 | 25   |
| 2    |    | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 18   |
| 3    |    | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 15   |
| 4    |    | Benzene, 1-ethyl-3,5-dimethyl-      | 134 | C10H14  | 000934-74-7 | 15   |
| 5    |    | Benzene, 1-methyl-4-(1-methyleth... | 134 | C10H14  | 000099-87-6 | 15   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB6S2

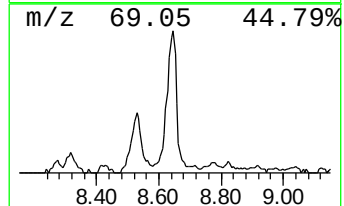
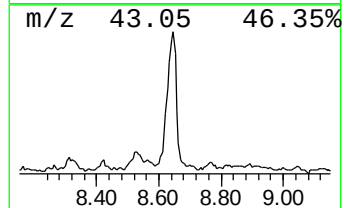
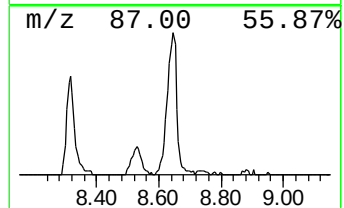
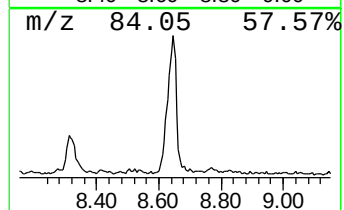
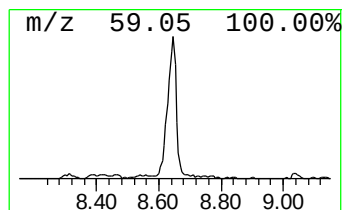
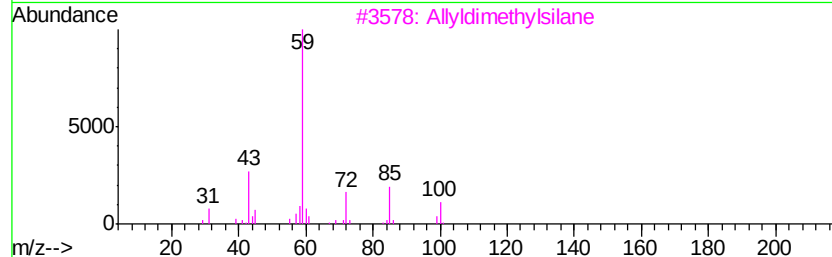
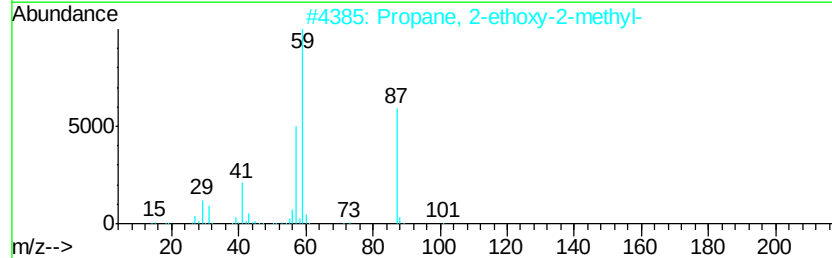
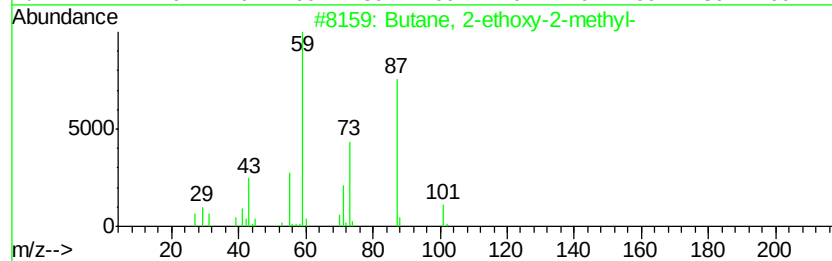
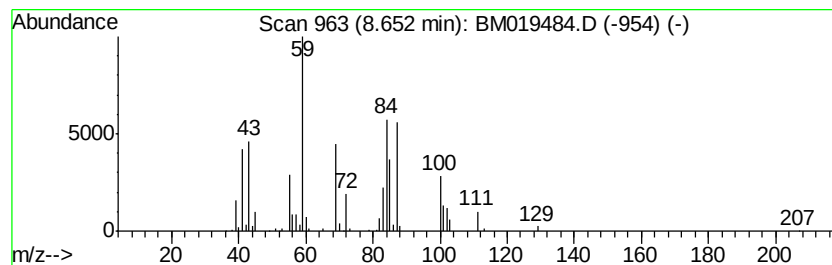
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 unknown-02 Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.65 | 7.71 ng/ul | 402980 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-ethoxy-2-methyl-  | 116 | C7H16O  | 000919-94-8 | 38   |
| 2    |    | Propane, 2-ethoxy-2-methyl- | 102 | C6H14O  | 000637-92-3 | 35   |
| 3    |    | Allyldimethylsilane         | 100 | C5H12Si | 003937-30-2 | 32   |
| 4    |    | 3-Hexanol, 3-ethyl-         | 130 | C8H18O  | 000597-76-2 | 25   |
| 5    |    | 3-Heptanol                  | 116 | C7H16O  | 000589-82-2 | 25   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

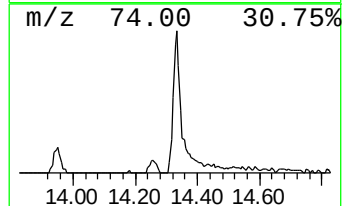
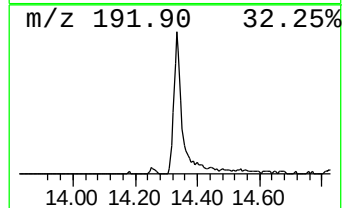
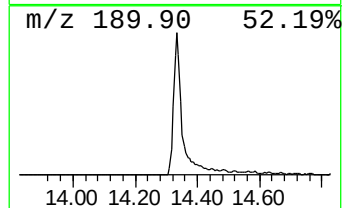
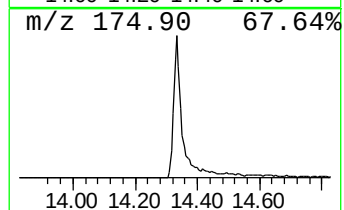
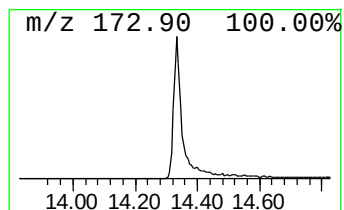
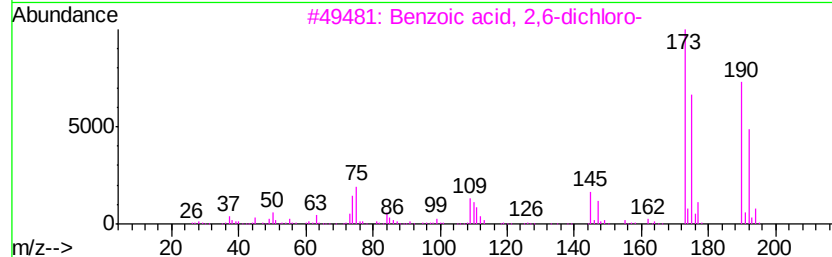
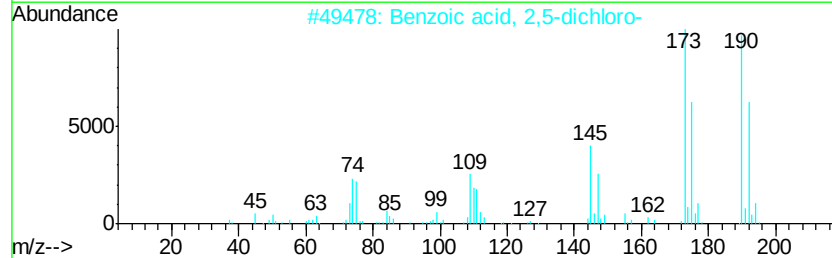
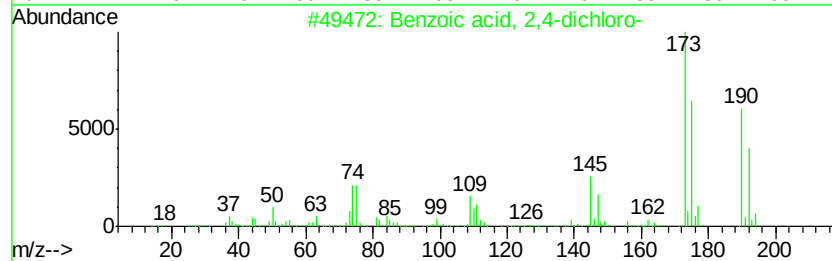
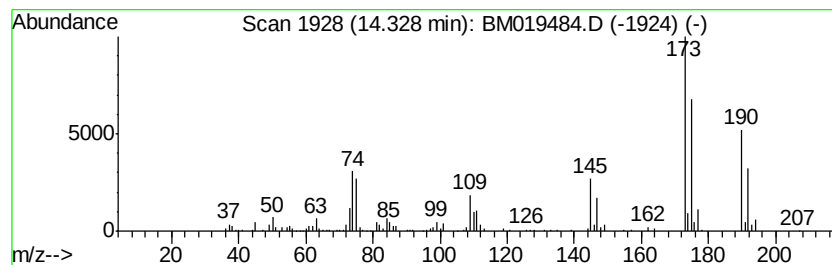
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Benzoic acid, 2,4-dichloro- Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.33 | 6.00 ng/ul | 651085 | Acenaphthene-d10 | 14.26 |

| Hit# | of | Tentative ID                | MW  | MolForm   | CAS#        | Qual |
|------|----|-----------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benzoic acid, 2,4-dichloro- | 190 | C7H4Cl2O2 | 000050-84-0 | 98   |
| 2    |    | Benzoic acid, 2,5-dichloro- | 190 | C7H4Cl2O2 | 000050-79-3 | 97   |
| 3    |    | Benzoic acid, 2,6-dichloro- | 190 | C7H4Cl2O2 | 000050-30-6 | 96   |
| 4    |    | Benzoic acid, 3,4-dichloro- | 190 | C7H4Cl2O2 | 000051-44-5 | 96   |
| 5    |    | Benzoic acid, 2,4-dichloro- | 190 | C7H4Cl2O2 | 000050-84-0 | 95   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

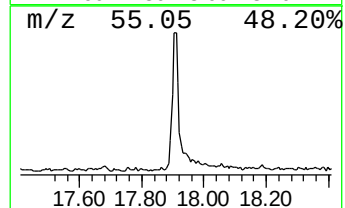
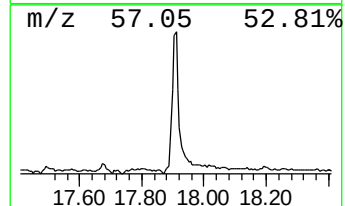
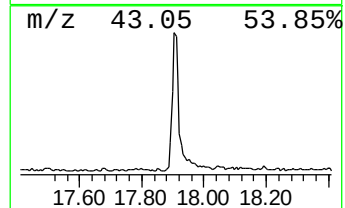
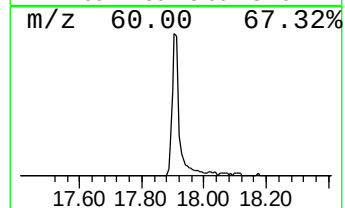
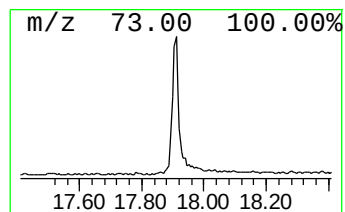
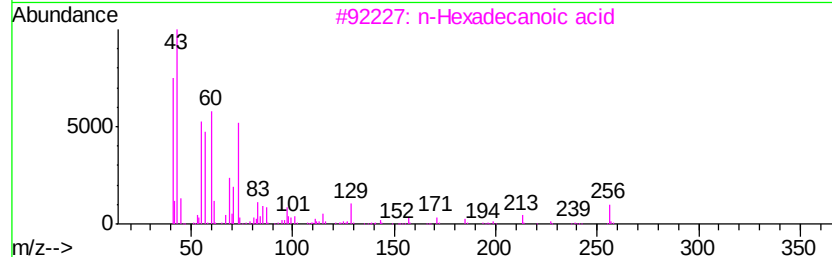
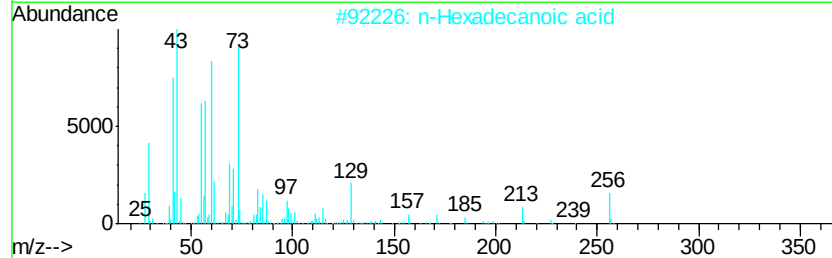
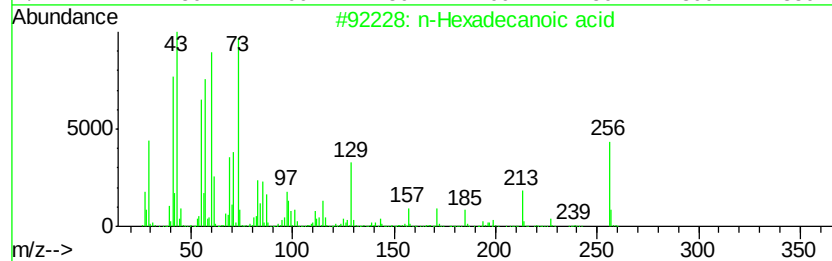
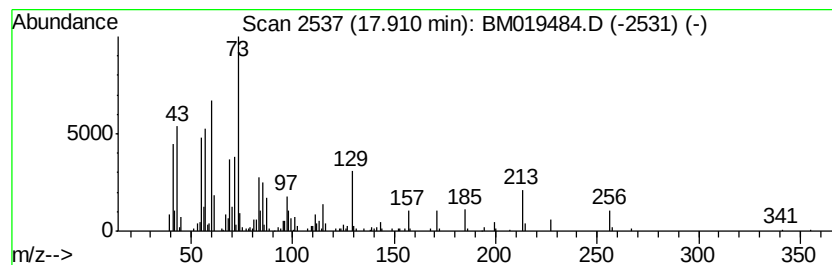
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.91 | 3.70 ng/ul | 470812 | Phenanthrene-d10 | 17.02 |

| Hit# of | 5                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------|--------------|----------|-------------|------|------|
| 1       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 94   |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 93   |      |
| 3       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 91   |      |
| 4       | Tridecanoic acid    | 214          | C13H26O2 | 000638-53-9 | 60   |      |
| 5       | Pentadecanoic acid  | 242          | C15H30O2 | 001002-84-2 | 58   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

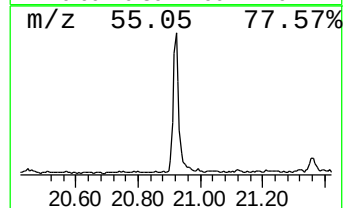
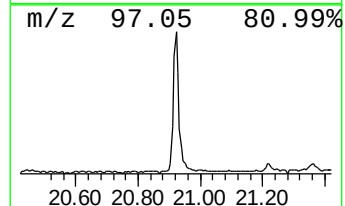
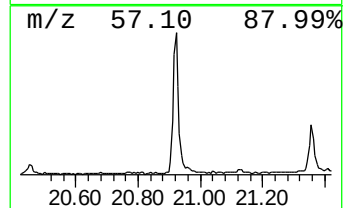
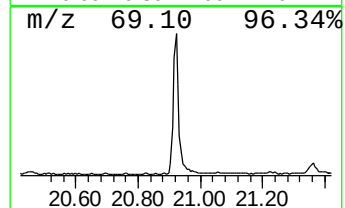
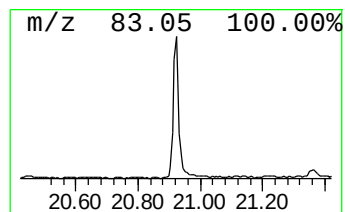
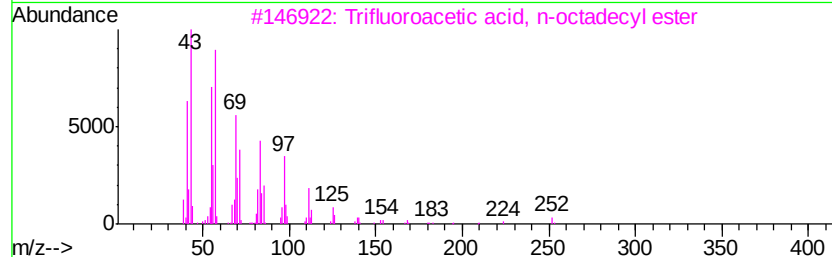
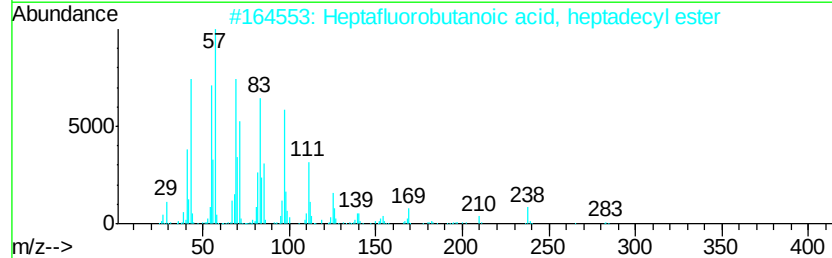
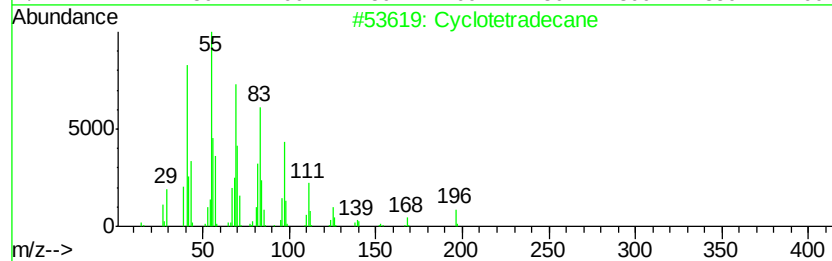
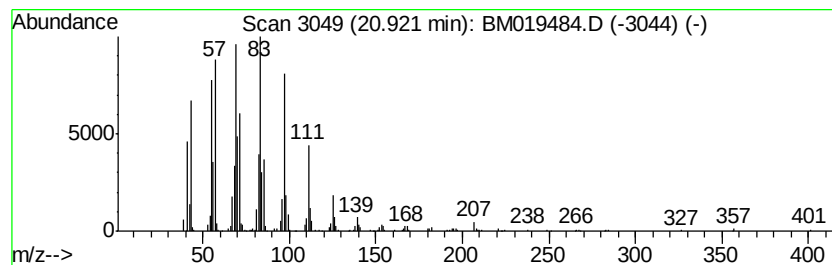
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Cyclic20.92 Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.92 | 4.48 ng/ul | 628648 | Chrysene-d12     | 21.22 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclotetradecane                    | 196 | C14H28      | 000295-17-0  | 94   |
| 2    |    | Heptafluorobutanoic acid, heptad... | 452 | C21H35F7O2  | 1000282-97-3 | 91   |
| 3    |    | Trifluoroacetic acid, n-octadecy... | 366 | C20H37F3O2  | 079392-43-1  | 91   |
| 4    |    | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9  | 91   |
| 5    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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

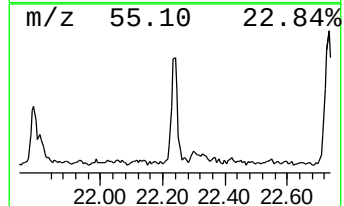
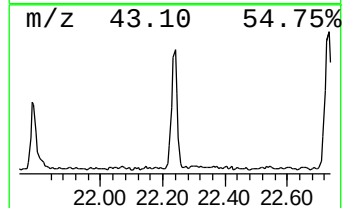
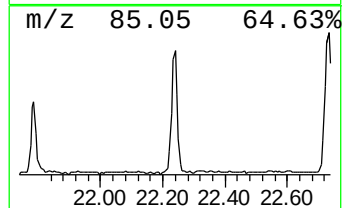
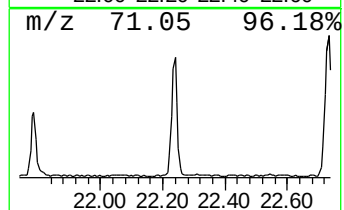
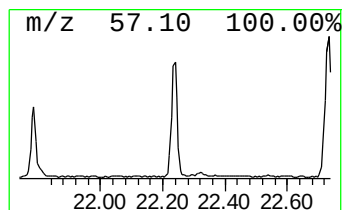
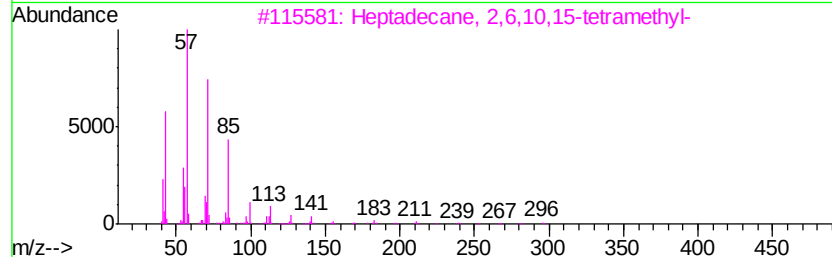
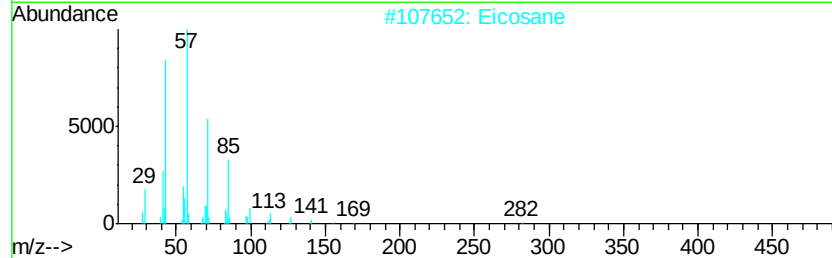
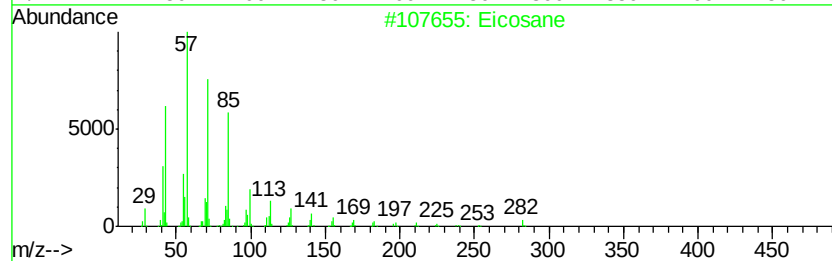
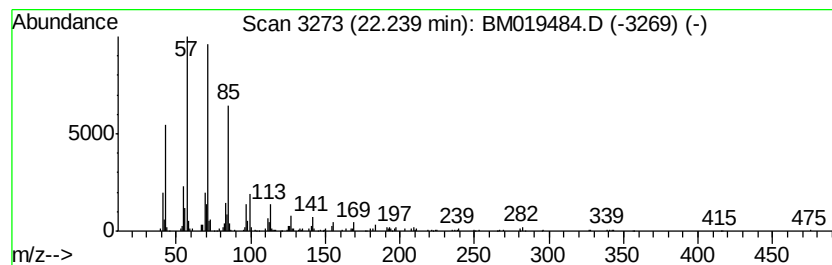
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.24 | 2.08 ng/ul | 291728 | Chrysene-d12     | 21.22 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane                            | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    | Eicosane                            | 282 | C20H42  | 000112-95-8 | 94   |
| 3    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 93   |
| 4    |    | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    | triacontane                         | 422 | C30H62  | 000638-68-6 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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

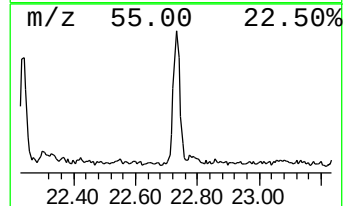
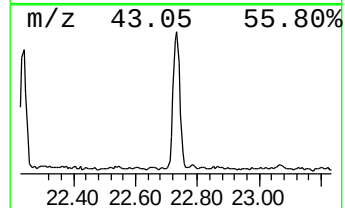
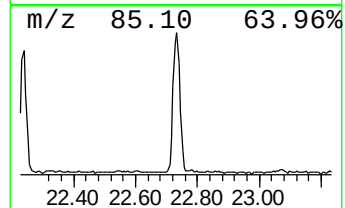
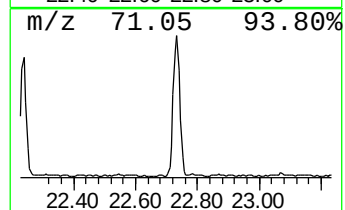
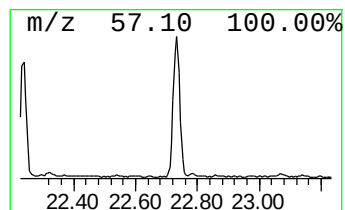
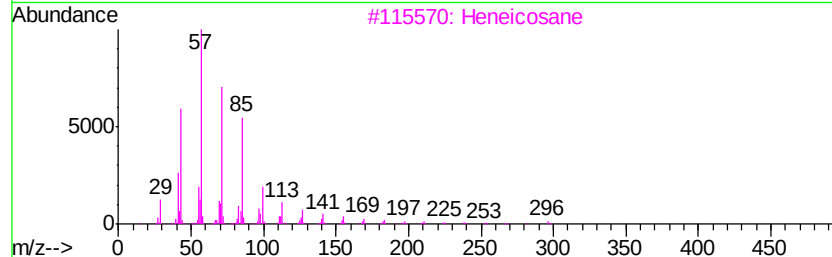
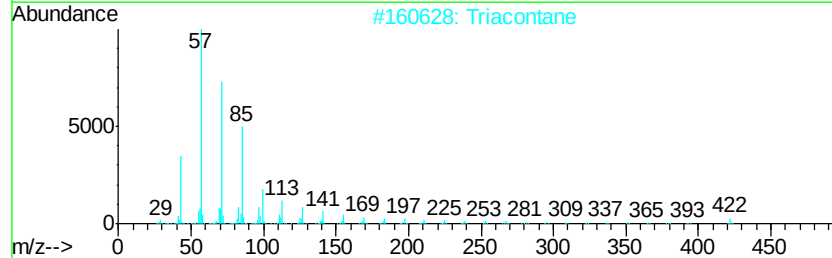
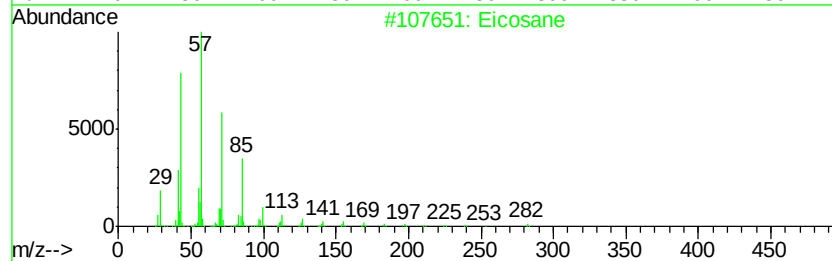
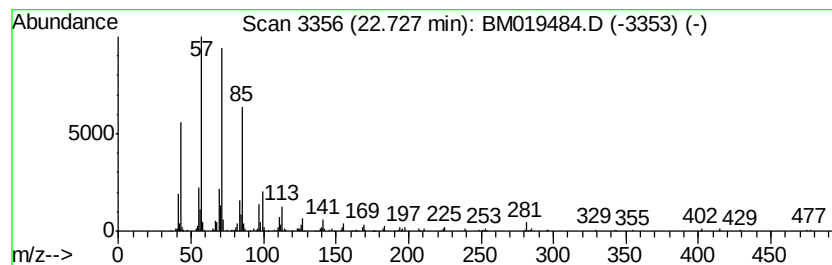
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.73 | 2.97 ng/ul | 387407 | Perylene-d12     | 23.43 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane                         | 282 | C20H42  | 000112-95-8 | 91   |
| 2    |    | Triacontane                      | 422 | C30H62  | 000638-68-6 | 90   |
| 3    |    | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 87   |
| 4    |    | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 87   |
| 5    |    | Heptadecane, 9-octyl-            | 352 | C25H52  | 007225-64-1 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

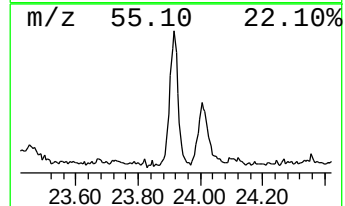
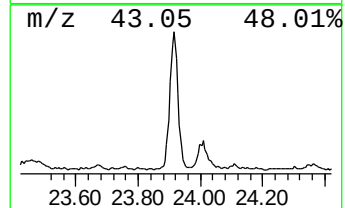
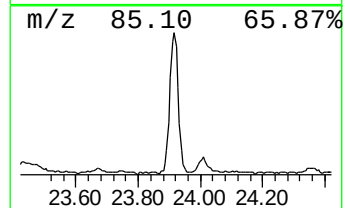
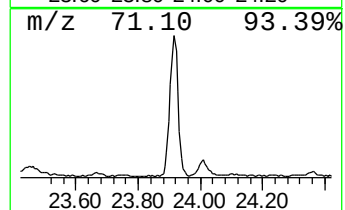
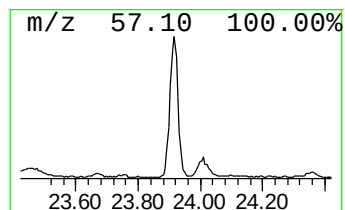
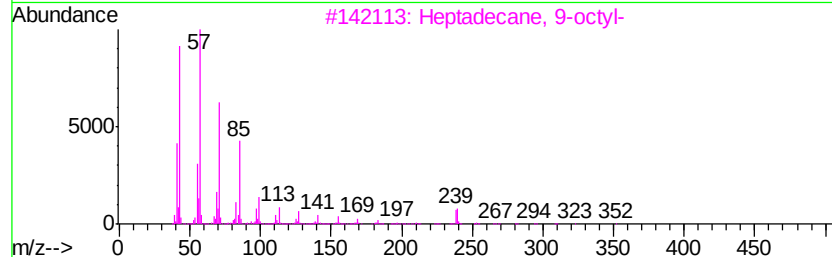
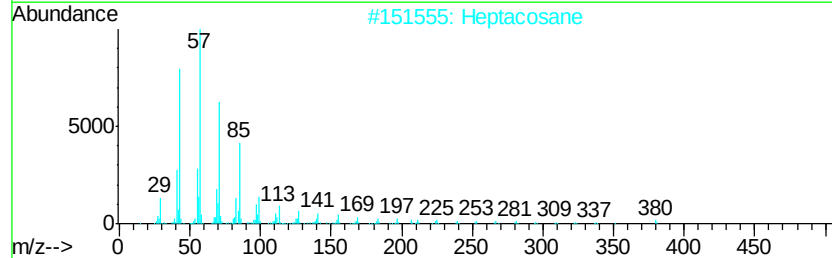
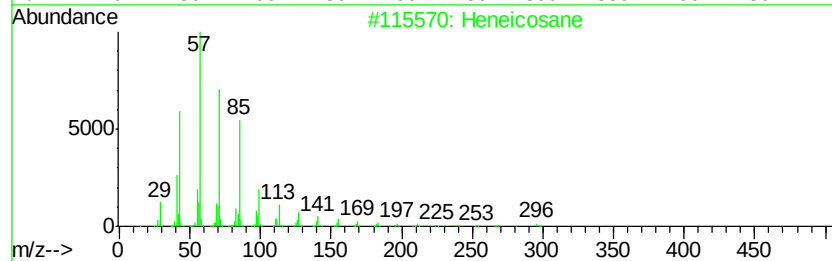
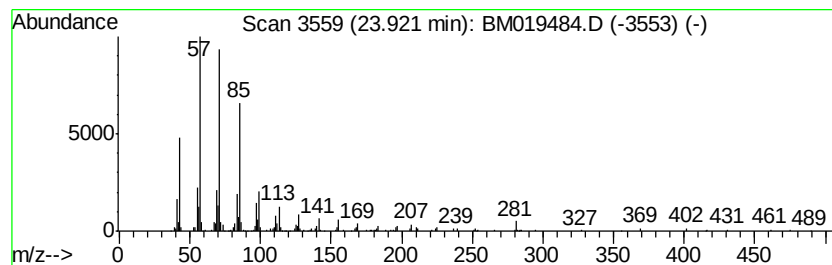
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.92 | 3.59 ng/ul | 467246 | Perylene-d12     | 23.43 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane                      | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    |   | Heptacosane                      | 380 | C27H56  | 000593-49-7 | 91   |
| 3    |    |   | Heptadecane, 9-octyl-            | 352 | C25H52  | 007225-64-1 | 91   |
| 4    |    |   | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 91   |
| 5    |    |   | Pentadecane, 8-heptyl-           | 310 | C22H46  | 071005-15-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

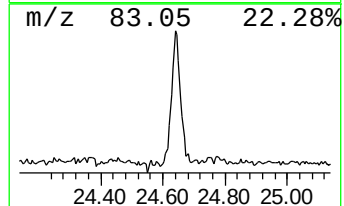
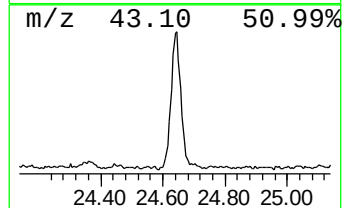
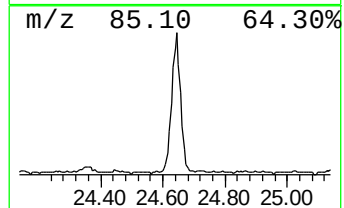
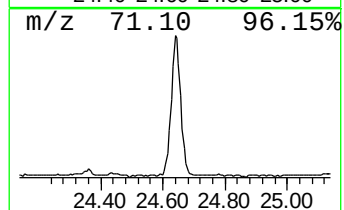
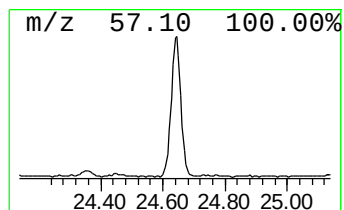
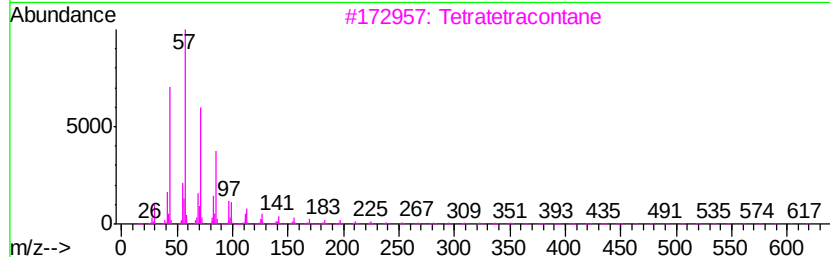
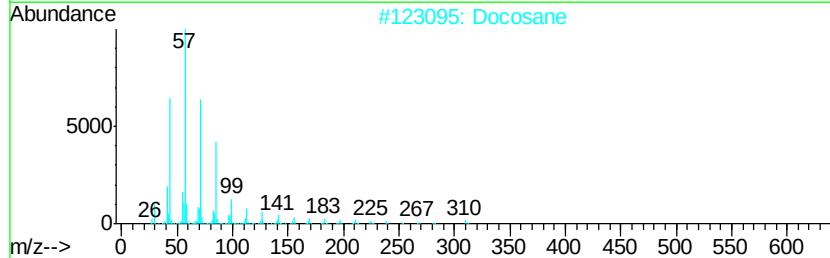
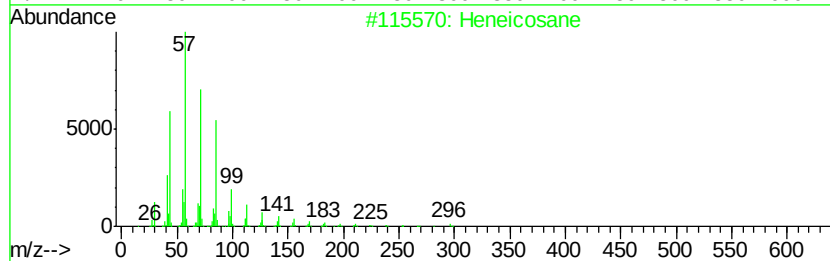
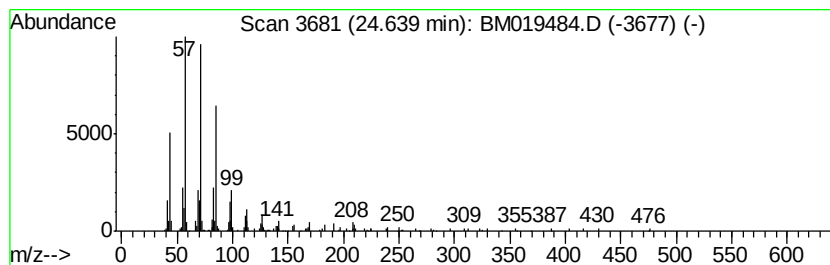
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.64 | 2.97 ng/ul | 387667 | Perylene-d12     | 23.43 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane       | 296 | C21H44  | 000629-94-7 | 87   |
| 2    |    | Docosane          | 310 | C22H46  | 000629-97-0 | 87   |
| 3    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 83   |
| 4    |    | Tetracosane       | 338 | C24H50  | 000646-31-1 | 83   |
| 5    |    | Docosane          | 310 | C22H46  | 000629-97-0 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
Data File : BM019484.D  
Acq On : 26 Mar 2019 23:32  
Operator : JU/SJ  
Sample : K2063-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Benzene, 1,3,5-tr... | 7.23  | 3.7     | ng/ul | 193057   | 1                     | 7.60  | 1045940 | 20.0 |
| unknown-01           | 8.53  | 3.7     | ng/ul | 195299   | 1                     | 7.60  | 1045940 | 20.0 |
| unknown-02           | 8.65  | 7.7     | ng/ul | 402980   | 1                     | 7.60  | 1045940 | 20.0 |
| Benzoic acid, 2,4... | 14.33 | 6.0     | ng/ul | 651085   | 3                     | 14.26 | 2169370 | 20.0 |
| n-Hexadecanoic acid  | 17.91 | 3.7     | ng/ul | 470812   | 4                     | 17.02 | 2547400 | 20.0 |
| (DEL) Alkane: Cyc... | 20.92 | 4.5     | ng/ul | 628648   | 5                     | 21.22 | 2809190 | 20.0 |
| (DEL) Alkane: Str... | 22.24 | 2.1     | ng/ul | 291728   | 5                     | 21.22 | 2809190 | 20.0 |
| (DEL) Alkane: Str... | 22.73 | 3.0     | ng/ul | 387407   | 6                     | 23.43 | 2606320 | 20.0 |
| (DEL) Alkane: Str... | 23.92 | 3.6     | ng/ul | 467246   | 6                     | 23.43 | 2606320 | 20.0 |
| (DEL) Alkane: Str... | 24.64 | 3.0     | ng/ul | 387667   | 6                     | 23.43 | 2606320 | 20.0 |