

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM081919\  
 Data File : BM022191.D  
 Acq On : 19 Aug 2019 14:51  
 Operator : HP/JU  
 Sample : PB122051BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK51

## 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-BM072619MA.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         | 3.016       | 3             | 5           | 6            | rVB2     | 2112           | 1182          | 0.27%           | 0.054%        |
| 2         | 3.046       | 6             | 10          | 14           | rVB      | 45981          | 44405         | 10.01%          | 2.035%        |
| 3         | 3.205       | 36            | 37          | 40           | rVB3     | 1123           | 755           | 0.17%           | 0.035%        |
| 4         | 3.246       | 42            | 44          | 45           | rVV      | 1023           | 607           | 0.14%           | 0.028%        |
| 5         | 3.263       | 45            | 47          | 48           | rVB      | 883            | 562           | 0.13%           | 0.026%        |
| 6         | 3.287       | 48            | 51          | 52           | rVB2     | 916            | 774           | 0.17%           | 0.035%        |
| 7         | 3.369       | 62            | 65          | 68           | rBV2     | 2399           | 2633          | 0.59%           | 0.121%        |
| 8         | 3.405       | 70            | 71          | 73           | rBV2     | 1038           | 562           | 0.13%           | 0.026%        |
| 9         | 3.452       | 75            | 79          | 82           | rBV3     | 984            | 1551          | 0.35%           | 0.071%        |
| 10        | 3.540       | 91            | 94          | 95           | rBV      | 1263           | 1012          | 0.23%           | 0.046%        |
| 11        | 3.593       | 100           | 103         | 105          | rVV2     | 1162           | 1143          | 0.26%           | 0.052%        |
| 12        | 3.652       | 111           | 113         | 114          | rVV      | 625            | 533           | 0.12%           | 0.024%        |
| 13        | 3.669       | 114           | 116         | 118          | rVV      | 1133           | 922           | 0.21%           | 0.042%        |
| 14        | 3.699       | 118           | 121         | 123          | rVV      | 1328           | 1073          | 0.24%           | 0.049%        |
| 15        | 3.722       | 123           | 125         | 127          | rVB      | 704            | 592           | 0.13%           | 0.027%        |
| 16        | 3.816       | 139           | 141         | 142          | rVV      | 719            | 612           | 0.14%           | 0.028%        |
| 17        | 3.834       | 142           | 144         | 147          | rVV2     | 1411           | 1490          | 0.34%           | 0.068%        |
| 18        | 3.875       | 150           | 151         | 154          | rVV2     | 504            | 509           | 0.11%           | 0.023%        |
| 19        | 3.910       | 154           | 157         | 159          | rVB      | 850            | 953           | 0.21%           | 0.044%        |
| 20        | 3.928       | 159           | 160         | 162          | rBV      | 1021           | 744           | 0.17%           | 0.034%        |
| 21        | 3.957       | 162           | 165         | 168          | rVV      | 471            | 657           | 0.15%           | 0.030%        |
| 22        | 3.999       | 168           | 172         | 173          | rVB      | 792            | 934           | 0.21%           | 0.043%        |
| 23        | 4.034       | 175           | 178         | 181          | rBV      | 776            | 1066          | 0.24%           | 0.049%        |
| 24        | 4.057       | 181           | 182         | 185          | rVV      | 888            | 723           | 0.16%           | 0.033%        |
| 25        | 4.099       | 185           | 189         | 190          | rVV      | 449            | 526           | 0.12%           | 0.024%        |
| 26        | 4.269       | 217           | 218         | 221          | rVB      | 643            | 489           | 0.11%           | 0.022%        |
| 27        | 4.322       | 226           | 227         | 230          | rVB      | 712            | 550           | 0.12%           | 0.025%        |
| 28        | 4.351       | 230           | 232         | 234          | rBV      | 679            | 605           | 0.14%           | 0.028%        |
| 29        | 4.381       | 234           | 237         | 240          | rVB      | 704            | 924           | 0.21%           | 0.042%        |
| 30        | 4.599       | 270           | 274         | 275          | rBB      | 756            | 740           | 0.17%           | 0.034%        |
| 31        | 4.740       | 296           | 298         | 301          | rVB      | 434            | 501           | 0.11%           | 0.023%        |
| 32        | 7.575       | 774           | 780         | 791          | rBV      | 116781         | 197866        | 44.60%          | 9.066%        |
| 33        | 10.351      | 1245          | 1252        | 1268         | rBV      | 141166         | 257627        | 58.07%          | 11.805%       |
| 34        | 14.169      | 1898          | 1901        | 1904         | rBB      | 761            | 861           | 0.19%           | 0.039%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 14.233 | 1904 | 1912 | 1923 | rBV  | 227561 | 361586 | 81.50% | 16.568% |
| 36 | 14.451 | 1946 | 1949 | 1951 | rBB  | 411    | 487    | 0.11%  | 0.022%  |
| 37 | 14.910 | 2025 | 2027 | 2029 | rBB  | 761    | 630    | 0.14%  | 0.029%  |
| 38 | 15.110 | 2059 | 2061 | 2063 | rBV  | 632    | 679    | 0.15%  | 0.031%  |
| 39 | 15.163 | 2068 | 2070 | 2072 | rBB  | 813    | 515    | 0.12%  | 0.024%  |
| 40 | 15.239 | 2081 | 2083 | 2085 | rBB  | 669    | 481    | 0.11%  | 0.022%  |
| 41 | 15.268 | 2085 | 2088 | 2089 | rBB  | 720    | 522    | 0.12%  | 0.024%  |
| 42 | 15.351 | 2100 | 2102 | 2105 | rBB  | 768    | 751    | 0.17%  | 0.034%  |
| 43 | 15.386 | 2106 | 2108 | 2109 | rBV  | 757    | 645    | 0.15%  | 0.030%  |
| 44 | 15.439 | 2114 | 2117 | 2122 | rBB  | 644    | 846    | 0.19%  | 0.039%  |
| 45 | 15.486 | 2122 | 2125 | 2126 | rBB  | 667    | 578    | 0.13%  | 0.026%  |
| 46 | 15.504 | 2126 | 2128 | 2130 | rBB  | 669    | 477    | 0.11%  | 0.022%  |
| 47 | 15.551 | 2134 | 2136 | 2137 | rBV  | 687    | 597    | 0.13%  | 0.027%  |
| 48 | 15.615 | 2146 | 2147 | 2152 | rBV  | 778    | 1152   | 0.26%  | 0.053%  |
| 49 | 15.680 | 2157 | 2158 | 2161 | rBV  | 842    | 689    | 0.16%  | 0.032%  |
| 50 | 15.792 | 2175 | 2177 | 2179 | rBB  | 703    | 492    | 0.11%  | 0.023%  |
| 51 | 15.833 | 2182 | 2184 | 2186 | rBB  | 792    | 788    | 0.18%  | 0.036%  |
| 52 | 15.857 | 2186 | 2188 | 2189 | rBV  | 626    | 447    | 0.10%  | 0.020%  |
| 53 | 15.886 | 2192 | 2193 | 2196 | rVB  | 815    | 770    | 0.17%  | 0.035%  |
| 54 | 15.921 | 2196 | 2199 | 2201 | rBV  | 800    | 848    | 0.19%  | 0.039%  |
| 55 | 15.945 | 2201 | 2203 | 2205 | rVV2 | 450    | 457    | 0.10%  | 0.021%  |
| 56 | 16.004 | 2210 | 2213 | 2215 | rVV  | 509    | 591    | 0.13%  | 0.027%  |
| 57 | 16.021 | 2215 | 2216 | 2219 | rVB  | 717    | 615    | 0.14%  | 0.028%  |
| 58 | 16.057 | 2219 | 2222 | 2223 | rBV  | 450    | 511    | 0.12%  | 0.023%  |
| 59 | 16.327 | 2265 | 2268 | 2271 | rVB2 | 748    | 1149   | 0.26%  | 0.053%  |
| 60 | 16.362 | 2273 | 2274 | 2276 | rVB  | 760    | 516    | 0.12%  | 0.024%  |
| 61 | 16.380 | 2276 | 2277 | 2280 | rBV  | 832    | 824    | 0.19%  | 0.038%  |
| 62 | 16.410 | 2280 | 2282 | 2286 | rBV  | 564    | 776    | 0.17%  | 0.036%  |
| 63 | 16.445 | 2286 | 2288 | 2290 | rBV  | 466    | 451    | 0.10%  | 0.021%  |
| 64 | 16.492 | 2293 | 2296 | 2298 | rBV  | 402    | 572    | 0.13%  | 0.026%  |
| 65 | 16.592 | 2308 | 2313 | 2314 | rBV  | 858    | 1353   | 0.30%  | 0.062%  |
| 66 | 16.927 | 2369 | 2370 | 2372 | rVB  | 760    | 478    | 0.11%  | 0.022%  |
| 67 | 16.951 | 2372 | 2374 | 2376 | rBV  | 570    | 749    | 0.17%  | 0.034%  |
| 68 | 16.998 | 2376 | 2382 | 2393 | rVV  | 247348 | 400897 | 90.36% | 18.369% |
| 69 | 17.192 | 2414 | 2415 | 2421 | rBV2 | 391    | 509    | 0.11%  | 0.023%  |
| 70 | 17.245 | 2422 | 2424 | 2427 | rVB  | 478    | 452    | 0.10%  | 0.021%  |
| 71 | 17.433 | 2453 | 2456 | 2458 | rVB2 | 605    | 482    | 0.11%  | 0.022%  |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072619MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 72  | 17.533 | 2471 | 2473 | 2474 | rBV2 | 646    | 507    | 0.11%   | 0.023%  |
| 73  | 17.733 | 2505 | 2507 | 2508 | rVB  | 888    | 533    | 0.12%   | 0.024%  |
| 74  | 17.745 | 2508 | 2509 | 2511 | rBV  | 834    | 724    | 0.16%   | 0.033%  |
| 75  | 17.892 | 2530 | 2534 | 2540 | rVB3 | 6173   | 9143   | 2.06%   | 0.419%  |
| 76  | 18.151 | 2576 | 2578 | 2580 | rVB3 | 737    | 752    | 0.17%   | 0.034%  |
| 77  | 18.180 | 2580 | 2583 | 2586 | rBV3 | 1170   | 956    | 0.22%   | 0.044%  |
| 78  | 18.221 | 2586 | 2590 | 2591 | rBV2 | 901    | 1065   | 0.24%   | 0.049%  |
| 79  | 18.298 | 2599 | 2603 | 2604 | rBV3 | 942    | 1041   | 0.23%   | 0.048%  |
| 80  | 18.351 | 2610 | 2612 | 2614 | rBV3 | 713    | 702    | 0.16%   | 0.032%  |
| 81  | 18.386 | 2614 | 2618 | 2621 | rVB2 | 881    | 1033   | 0.23%   | 0.047%  |
| 82  | 18.427 | 2621 | 2625 | 2627 | rBV3 | 1227   | 1667   | 0.38%   | 0.076%  |
| 83  | 18.462 | 2629 | 2631 | 2633 | rBV3 | 1014   | 1152   | 0.26%   | 0.053%  |
| 84  | 18.486 | 2633 | 2635 | 2637 | rVB3 | 797    | 668    | 0.15%   | 0.031%  |
| 85  | 18.504 | 2637 | 2638 | 2640 | rBV  | 662    | 575    | 0.13%   | 0.026%  |
| 86  | 18.615 | 2654 | 2657 | 2658 | rBV3 | 1136   | 1143   | 0.26%   | 0.052%  |
| 87  | 18.633 | 2658 | 2660 | 2661 | rVV  | 631    | 460    | 0.10%   | 0.021%  |
| 88  | 18.651 | 2661 | 2663 | 2666 | rVV3 | 1181   | 895    | 0.20%   | 0.041%  |
| 89  | 18.704 | 2671 | 2672 | 2675 | rBV3 | 1073   | 969    | 0.22%   | 0.044%  |
| 90  | 18.733 | 2675 | 2677 | 2679 | rVB3 | 887    | 653    | 0.15%   | 0.030%  |
| 91  | 18.904 | 2704 | 2706 | 2709 | rBV3 | 1155   | 865    | 0.19%   | 0.040%  |
| 92  | 18.933 | 2709 | 2711 | 2713 | rVV2 | 1420   | 1388   | 0.31%   | 0.064%  |
| 93  | 18.956 | 2713 | 2715 | 2716 | rVV2 | 1416   | 992    | 0.22%   | 0.045%  |
| 94  | 18.968 | 2716 | 2717 | 2720 | rVB  | 1226   | 1044   | 0.24%   | 0.048%  |
| 95  | 19.145 | 2745 | 2747 | 2750 | rVB2 | 1555   | 1182   | 0.27%   | 0.054%  |
| 96  | 19.186 | 2751 | 2754 | 2760 | rVB5 | 3736   | 6145   | 1.39%   | 0.282%  |
| 97  | 19.233 | 2760 | 2762 | 2765 | rBV2 | 2528   | 2671   | 0.60%   | 0.122%  |
| 98  | 19.592 | 2819 | 2823 | 2825 | rBV5 | 1735   | 2914   | 0.66%   | 0.134%  |
| 99  | 21.203 | 3092 | 3097 | 3108 | rBV  | 306274 | 443642 | 100.00% | 20.328% |
| 100 | 23.403 | 3466 | 3471 | 3481 | rVB  | 200072 | 384903 | 86.76%  | 17.636% |

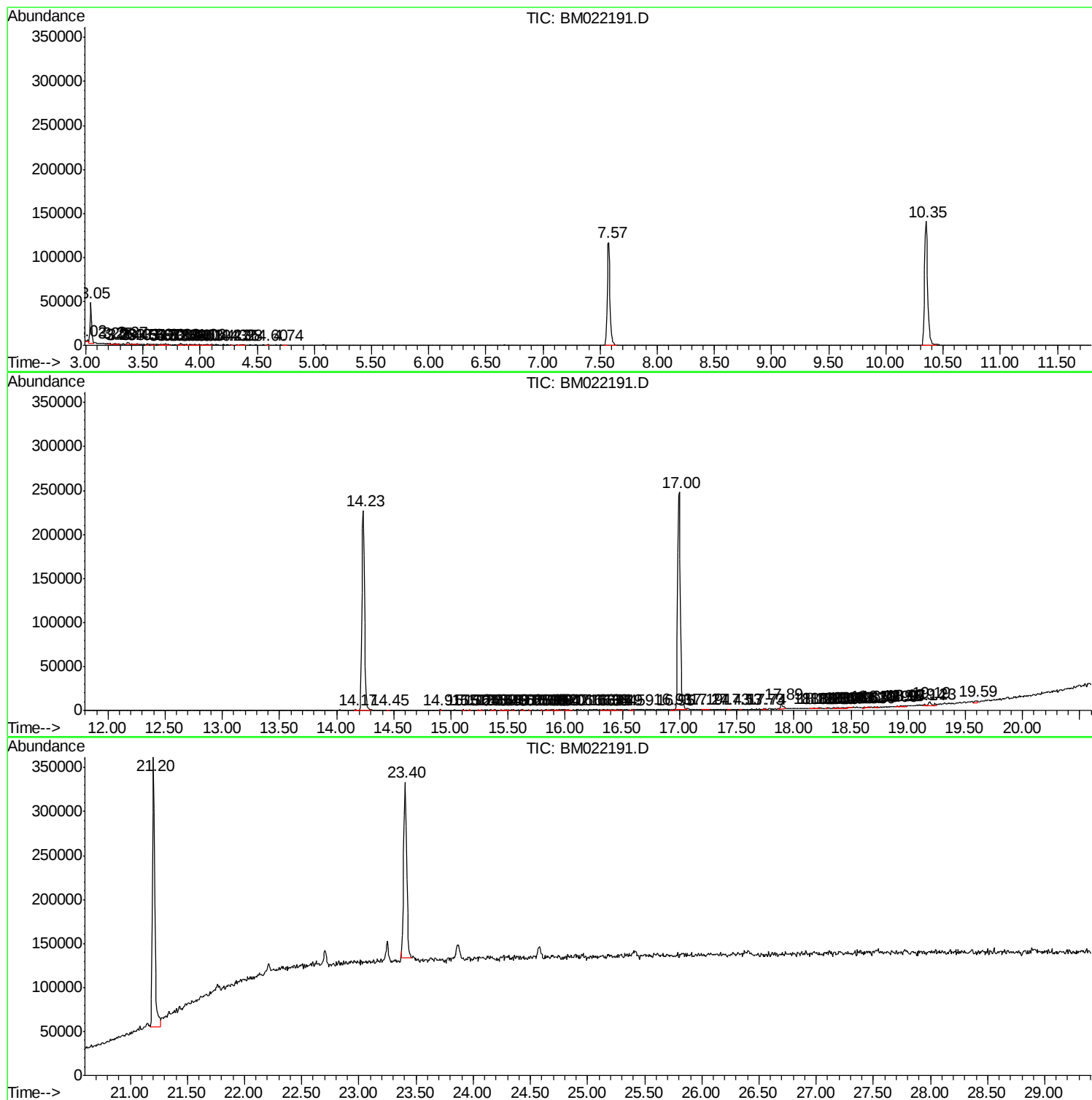
Sum of corrected areas: 2182429

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM072619MA.M  
Quant Title : SVOA CALIBRATION

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



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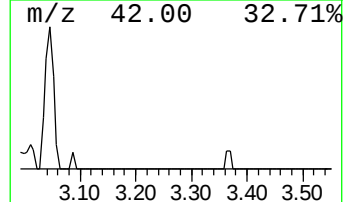
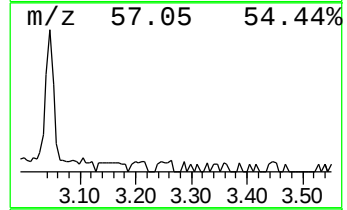
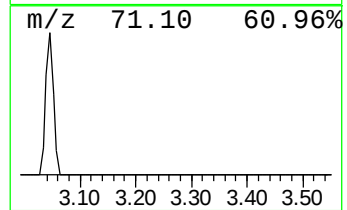
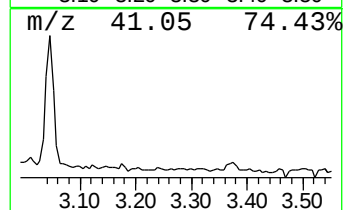
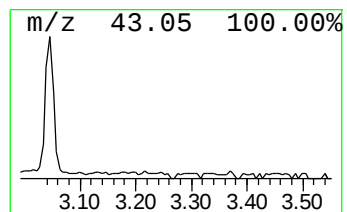
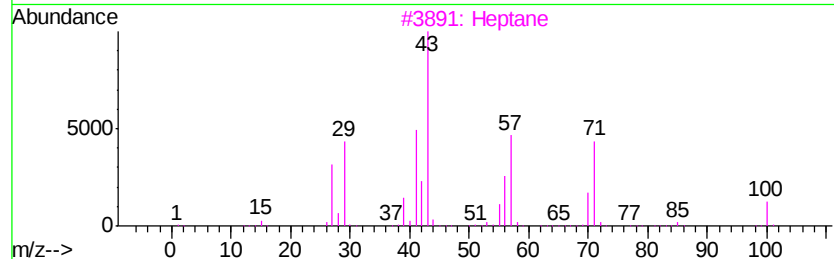
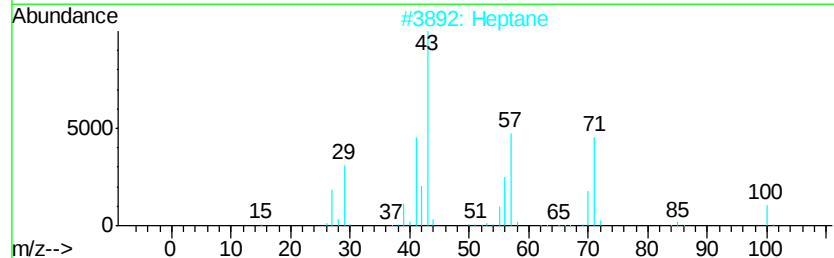
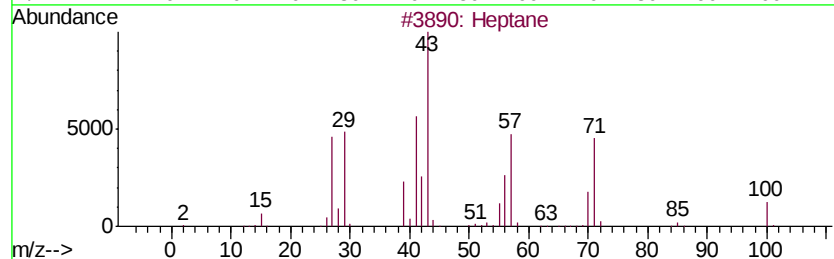
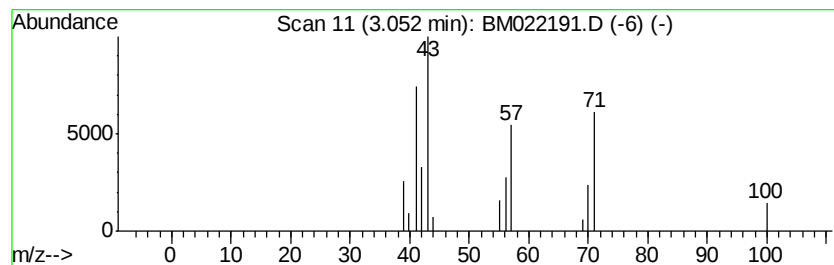
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 3.05 | 4.49 ng/ul | 44405 | 1,4-Dichlorobenzene-d4 | 7.57 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane                            | 100 | C7H16   | 000142-82-5 | 87   |
| 2    |    | Heptane                            | 100 | C7H16   | 000142-82-5 | 87   |
| 3    |    | Heptane                            | 100 | C7H16   | 000142-82-5 | 83   |
| 4    |    | Heptane                            | 100 | C7H16   | 000142-82-5 | 74   |
| 5    |    | Hydroxylamine, O-(2-methylpropyl)- | 89  | C4H11NO | 005618-62-2 | 72   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Str... | 3.05 | 4.5     | ng/ul | 44405    | 1                     | 7.57 | 197866 | 20.0 |