

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\  
 Data File : BM022815.D  
 Acq On : 28 Sep 2019 09:08  
 Operator : JU  
 Sample : K4988-01  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ESNX9

## 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-BM092719MA.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      | 3.022    | 3          | 6        | 15        | rVB   | 146916      | 177748     | 4.44%        | 0.833%     |
| 2      | 3.110    | 16         | 21       | 24        | rVV2  | 82341       | 110048     | 2.75%        | 0.516%     |
| 3      | 3.157    | 27         | 29       | 32        | rVV   | 29449       | 28103      | 0.70%        | 0.132%     |
| 4      | 3.193    | 32         | 35       | 42        | rVB   | 491166      | 529333     | 13.24%       | 2.481%     |
| 5      | 3.534    | 85         | 93       | 99        | rBV   | 38355       | 47728      | 1.19%        | 0.224%     |
| 6      | 3.922    | 156        | 159      | 165       | rVV5  | 2385        | 4219       | 0.11%        | 0.020%     |
| 7      | 4.010    | 169        | 174      | 179       | rVB   | 11245       | 17446      | 0.44%        | 0.082%     |
| 8      | 4.657    | 281        | 284      | 289       | rVB2  | 9384        | 11632      | 0.29%        | 0.055%     |
| 9      | 5.269    | 384        | 388      | 396       | rVB4  | 4353        | 7673       | 0.19%        | 0.036%     |
| 10     | 7.804    | 813        | 819      | 830       | rBV   | 897756      | 1421770    | 35.55%       | 6.663%     |
| 11     | 10.392   | 1253       | 1259     | 1264      | rBV4  | 7824        | 13479      | 0.34%        | 0.063%     |
| 12     | 10.598   | 1284       | 1294     | 1305      | rBV   | 1213832     | 2027349    | 50.69%       | 9.502%     |
| 13     | 10.745   | 1314       | 1319     | 1324      | rBV5  | 6008        | 10731      | 0.27%        | 0.050%     |
| 14     | 10.869   | 1336       | 1340     | 1345      | rVB4  | 5659        | 7676       | 0.19%        | 0.036%     |
| 15     | 11.022   | 1362       | 1366     | 1371      | rBV4  | 3294        | 4296       | 0.11%        | 0.020%     |
| 16     | 11.080   | 1371       | 1376     | 1381      | rBV4  | 5152        | 8758       | 0.22%        | 0.041%     |
| 17     | 14.445   | 1941       | 1948     | 1957      | rBV   | 1975602     | 2845999    | 71.17%       | 13.338%    |
| 18     | 15.304   | 2090       | 2094     | 2099      | rBV3  | 3283        | 4195       | 0.10%        | 0.020%     |
| 19     | 16.162   | 2236       | 2240     | 2242      | rBV3  | 4295        | 5308       | 0.13%        | 0.025%     |
| 20     | 16.186   | 2242       | 2244     | 2250      | rVB2  | 4525        | 6440       | 0.16%        | 0.030%     |
| 21     | 16.968   | 2371       | 2377     | 2380      | rBV3  | 7013        | 13012      | 0.33%        | 0.061%     |
| 22     | 17.009   | 2380       | 2384     | 2387      | rVB6  | 3866        | 4800       | 0.12%        | 0.022%     |
| 23     | 17.180   | 2407       | 2413     | 2419      | rBV2  | 2578836     | 3606892    | 90.19%       | 16.905%    |
| 24     | 17.221   | 2419       | 2420     | 2426      | rVV   | 57400       | 50915      | 1.27%        | 0.239%     |
| 25     | 17.280   | 2426       | 2430     | 2434      | rVV2  | 6330        | 9129       | 0.23%        | 0.043%     |
| 26     | 17.692   | 2497       | 2500     | 2507      | rVB6  | 3664        | 4629       | 0.12%        | 0.022%     |
| 27     | 18.056   | 2559       | 2562     | 2566      | rBV4  | 5566        | 8352       | 0.21%        | 0.039%     |
| 28     | 18.103   | 2567       | 2570     | 2575      | rVB3  | 8363        | 11386      | 0.28%        | 0.053%     |
| 29     | 18.250   | 2590       | 2595     | 2600      | rBV   | 98067       | 121430     | 3.04%        | 0.569%     |
| 30     | 18.315   | 2602       | 2606     | 2610      | rVB2  | 15050       | 18192      | 0.45%        | 0.085%     |
| 31     | 18.539   | 2640       | 2644     | 2651      | rVB3  | 31665       | 40958      | 1.02%        | 0.192%     |
| 32     | 18.715   | 2670       | 2674     | 2677      | rBV3  | 9723        | 10844      | 0.27%        | 0.051%     |
| 33     | 19.021   | 2722       | 2726     | 2731      | rBV5  | 20641       | 28372      | 0.71%        | 0.133%     |
| 34     | 19.074   | 2731       | 2735     | 2737      | rVV   | 87350       | 118305     | 2.96%        | 0.554%     |

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Max Peaks: 100  
Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 19.098 | 2737 | 2739 | 2745 | rVB2 | 144719  | 192485  | 4.81%   | 0.902%  |
| 36 | 19.186 | 2751 | 2754 | 2758 | rBV3 | 18759   | 20191   | 0.50%   | 0.095%  |
| 37 | 19.239 | 2758 | 2763 | 2767 | rBV  | 112622  | 148532  | 3.71%   | 0.696%  |
| 38 | 19.309 | 2771 | 2775 | 2782 | rVV2 | 31887   | 49788   | 1.24%   | 0.233%  |
| 39 | 19.380 | 2783 | 2787 | 2794 | rVV  | 249455  | 333985  | 8.35%   | 1.565%  |
| 40 | 19.445 | 2794 | 2798 | 2803 | rVV  | 94180   | 117201  | 2.93%   | 0.549%  |
| 41 | 19.574 | 2817 | 2820 | 2821 | rBV2 | 16529   | 18282   | 0.46%   | 0.086%  |
| 42 | 19.597 | 2821 | 2824 | 2829 | rVB  | 48677   | 58514   | 1.46%   | 0.274%  |
| 43 | 19.645 | 2829 | 2832 | 2837 | rBV3 | 63666   | 73783   | 1.84%   | 0.346%  |
| 44 | 19.721 | 2841 | 2845 | 2850 | rVB  | 105190  | 127117  | 3.18%   | 0.596%  |
| 45 | 19.774 | 2850 | 2854 | 2858 | rBV3 | 42854   | 51758   | 1.29%   | 0.243%  |
| 46 | 19.827 | 2858 | 2863 | 2868 | rVV  | 245609  | 314175  | 7.86%   | 1.472%  |
| 47 | 20.092 | 2904 | 2908 | 2912 | rBV3 | 108238  | 136817  | 3.42%   | 0.641%  |
| 48 | 20.139 | 2912 | 2916 | 2921 | rBV  | 222774  | 272858  | 6.82%   | 1.279%  |
| 49 | 20.368 | 2952 | 2955 | 2960 | rVB  | 118409  | 129616  | 3.24%   | 0.607%  |
| 50 | 20.427 | 2961 | 2965 | 2966 | rBV3 | 61603   | 75244   | 1.88%   | 0.353%  |
| 51 | 20.450 | 2966 | 2969 | 2973 | rVB  | 90201   | 106320  | 2.66%   | 0.498%  |
| 52 | 20.686 | 3003 | 3009 | 3017 | rBV2 | 156111  | 243269  | 6.08%   | 1.140%  |
| 53 | 20.991 | 3058 | 3061 | 3065 | rBV3 | 50842   | 68052   | 1.70%   | 0.319%  |
| 54 | 21.362 | 3118 | 3124 | 3128 | rBV  | 3057889 | 3999111 | 100.00% | 18.743% |
| 55 | 23.627 | 3502 | 3509 | 3518 | rBV  | 1838402 | 3462512 | 86.58%  | 16.228% |

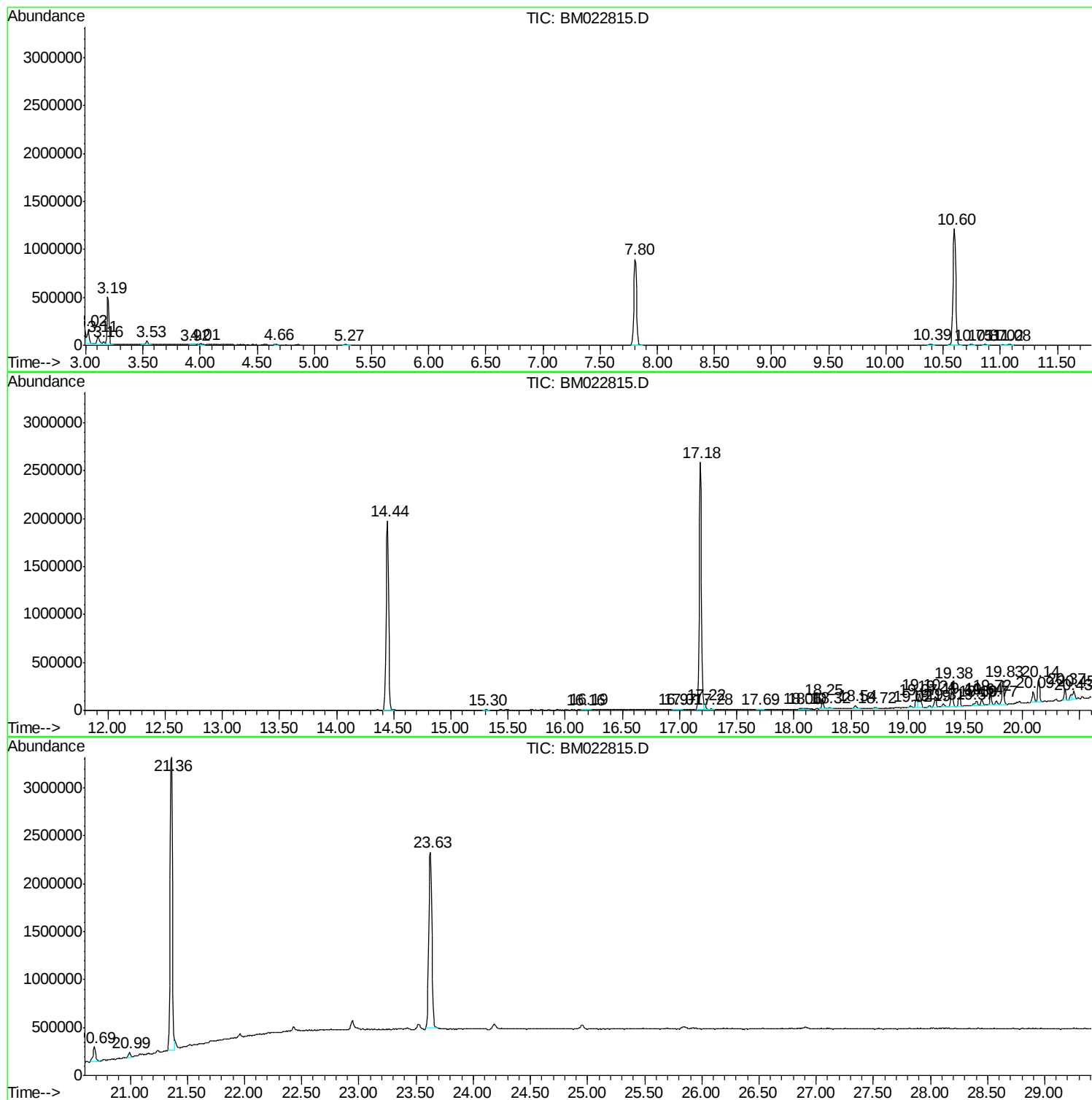
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Quant Title : SVOA CALIBRATION

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



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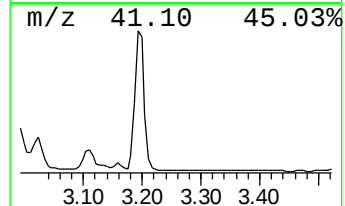
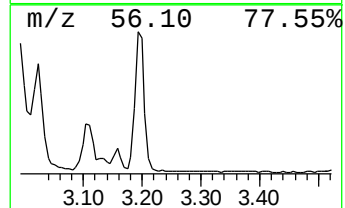
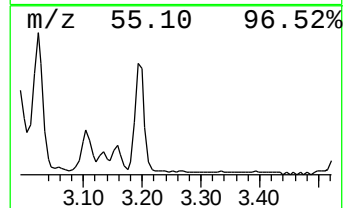
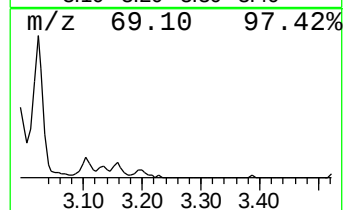
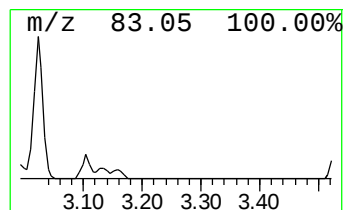
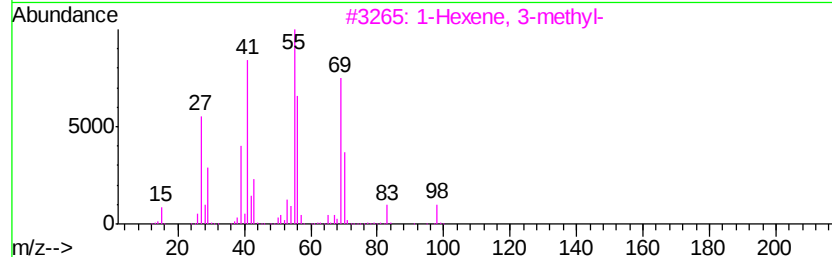
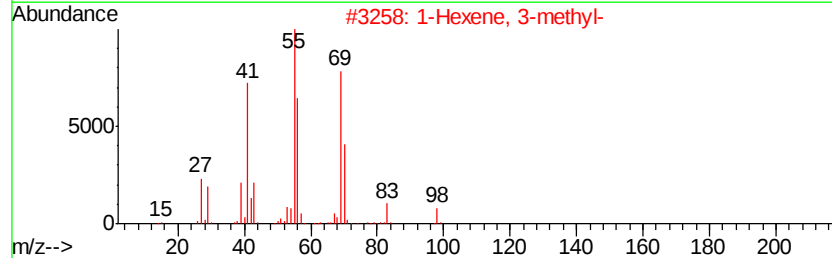
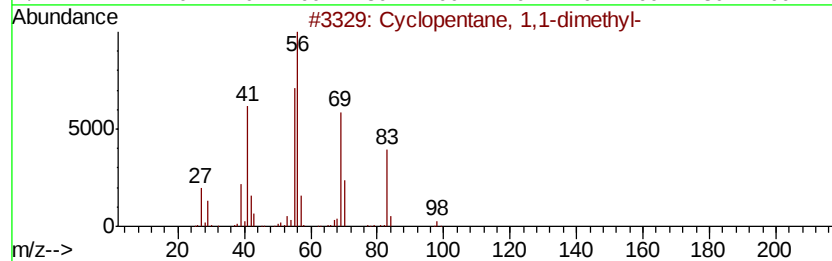
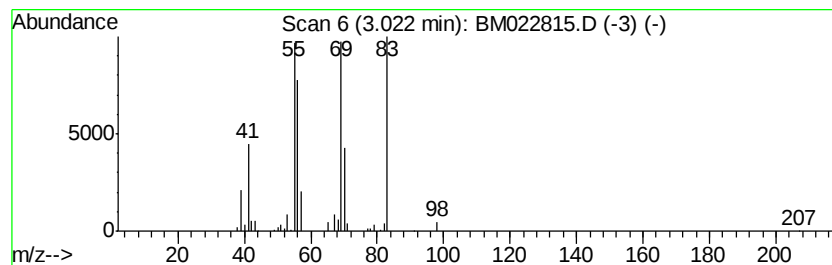
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic3.02 Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.02 | 2.50 ng/ul | 177748 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | 5 | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane, 1,1-dimethyl- | 98 | C7H14   | 001638-26-2 | 43   |
| 2    |    |   | 1-Hexene, 3-methyl-         | 98 | C7H14   | 003404-61-3 | 38   |
| 3    |    |   | 1-Hexene, 3-methyl-         | 98 | C7H14   | 003404-61-3 | 37   |
| 4    |    |   | 1-Pentene, 3,3-dimethyl-    | 98 | C7H14   | 003404-73-7 | 27   |
| 5    |    |   | (Z)-4-Methyl-2-hexene       | 98 | C7H14   | 003683-19-0 | 22   |



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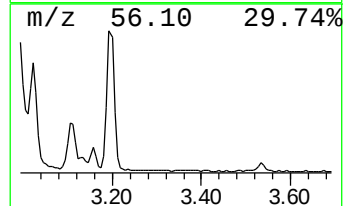
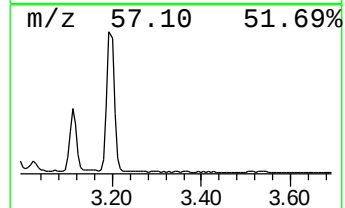
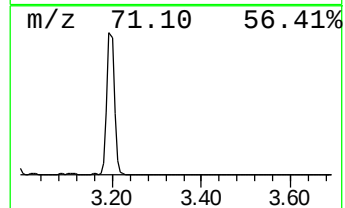
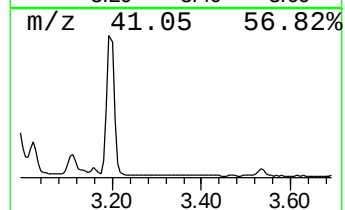
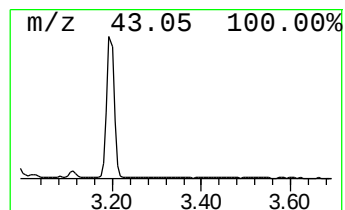
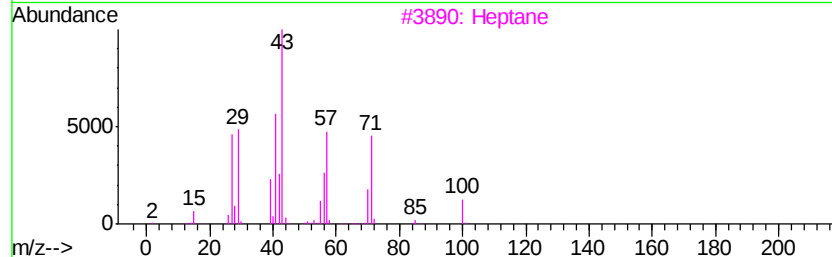
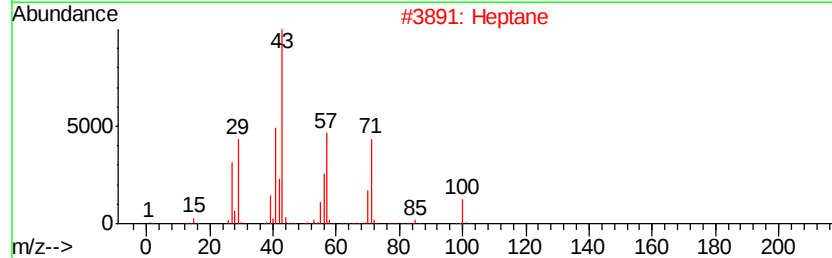
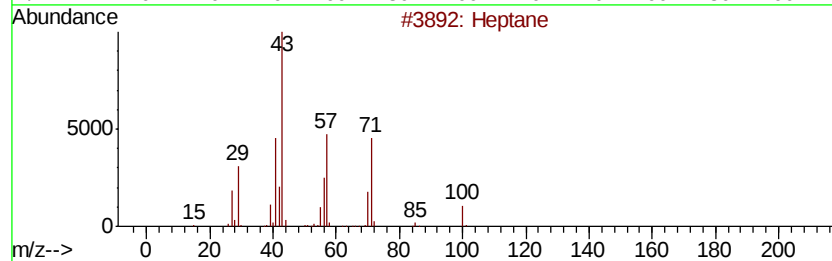
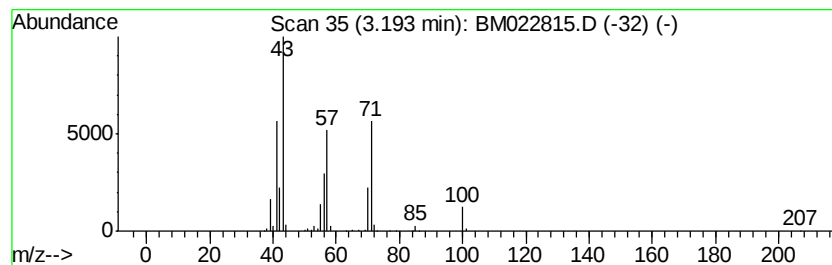
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.19 | 7.45 ng/ul | 529333 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane               | 100 | C7H16   | 000142-82-5 | 95   |
| 2    |    | Heptane               | 100 | C7H16   | 000142-82-5 | 94   |
| 3    |    | Heptane               | 100 | C7H16   | 000142-82-5 | 91   |
| 4    |    | Heptane               | 100 | C7H16   | 000142-82-5 | 91   |
| 5    |    | Hexane, 2,3-dimethyl- | 114 | C8H18   | 000584-94-1 | 40   |



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|                      |      |         |       |          | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
| TIC Top Hit name     | RT   | EstConc | Units | Response | #                     | RT   | Resp    | Conc |
| (DEL) Alkane: Cyc... | 3.02 | 2.5     | ng/ul | 177748   | 1                     | 7.80 | 1421770 | 20.0 |
| (DEL) Alkane: Str... | 3.19 | 7.5     | ng/ul | 529333   | 1                     | 7.80 | 1421770 | 20.0 |