

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\  
 Data File : BM029474.D  
 Acq On : 14 Apr 2021 20:41  
 Operator : CG/JU  
 Sample : M1870-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AZ2

## 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-BM040721MA.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      | 2.940    | 6          | 9        | 15        | rVB   | 124624      | 137451     | 6.08%        | 1.197%     |
| 2      | 3.016    | 19         | 22       | 25        | rVV2  | 33550       | 35851      | 1.59%        | 0.312%     |
| 3      | 3.046    | 25         | 27       | 29        | rVV   | 16437       | 13494      | 0.60%        | 0.118%     |
| 4      | 3.069    | 29         | 31       | 33        | rVV2  | 21178       | 18972      | 0.84%        | 0.165%     |
| 5      | 3.110    | 33         | 38       | 42        | rVB   | 2145571     | 2261849    | 100.00%      | 19.704%    |
| 6      | 3.410    | 86         | 89       | 90        | rBV3  | 4649        | 4444       | 0.20%        | 0.039%     |
| 7      | 3.440    | 90         | 94       | 98        | rVB   | 59459       | 68592      | 3.03%        | 0.598%     |
| 8      | 3.528    | 106        | 109      | 113       | rVB4  | 5467        | 5646       | 0.25%        | 0.049%     |
| 9      | 3.904    | 169        | 173      | 177       | rBV   | 12730       | 15368      | 0.68%        | 0.134%     |
| 10     | 4.345    | 244        | 248      | 254       | rVB   | 4796        | 7319       | 0.32%        | 0.064%     |
| 11     | 6.828    | 666        | 670      | 676       | rVB6  | 3327        | 5058       | 0.22%        | 0.044%     |
| 12     | 7.675    | 807        | 814      | 825       | rBV   | 524884      | 823184     | 36.39%       | 7.171%     |
| 13     | 10.457   | 1278       | 1287     | 1302      | rBV   | 649680      | 1087352    | 48.07%       | 9.473%     |
| 14     | 13.163   | 1741       | 1747     | 1750      | rBV4  | 1362        | 2738       | 0.12%        | 0.024%     |
| 15     | 14.315   | 1936       | 1943     | 1951      | rBV   | 978742      | 1387921    | 61.36%       | 12.091%    |
| 16     | 15.368   | 2119       | 2122     | 2127      | rVB4  | 2379        | 4126       | 0.18%        | 0.036%     |
| 17     | 15.586   | 2154       | 2159     | 2164      | rVB5  | 3395        | 5278       | 0.23%        | 0.046%     |
| 18     | 16.039   | 2233       | 2236     | 2237      | rBV2  | 3201        | 2823       | 0.12%        | 0.025%     |
| 19     | 16.068   | 2237       | 2241     | 2248      | rVB5  | 6208        | 10701      | 0.47%        | 0.093%     |
| 20     | 16.456   | 2302       | 2307     | 2309      | rVB6  | 1956        | 2878       | 0.13%        | 0.025%     |
| 21     | 16.527   | 2316       | 2319     | 2321      | rBV4  | 2254        | 2498       | 0.11%        | 0.022%     |
| 22     | 16.592   | 2327       | 2330     | 2334      | rVB5  | 5684        | 7150       | 0.32%        | 0.062%     |
| 23     | 16.845   | 2369       | 2373     | 2376      | rBV3  | 3891        | 5885       | 0.26%        | 0.051%     |
| 24     | 16.880   | 2377       | 2379     | 2384      | rVB4  | 4406        | 6021       | 0.27%        | 0.052%     |
| 25     | 16.974   | 2393       | 2395     | 2400      | rVB6  | 1974        | 2650       | 0.12%        | 0.023%     |
| 26     | 17.056   | 2403       | 2409     | 2414      | rVV   | 1133763     | 1601190    | 70.79%       | 13.949%    |
| 27     | 17.098   | 2414       | 2416     | 2422      | rVV   | 53134       | 64854      | 2.87%        | 0.565%     |
| 28     | 17.151   | 2422       | 2425     | 2430      | rVB7  | 4493        | 6683       | 0.30%        | 0.058%     |
| 29     | 17.239   | 2436       | 2440     | 2447      | rVB7  | 9550        | 14544      | 0.64%        | 0.127%     |
| 30     | 17.486   | 2479       | 2482     | 2485      | rBV4  | 3256        | 4831       | 0.21%        | 0.042%     |
| 31     | 17.509   | 2485       | 2486     | 2489      | rVV3  | 2803        | 2659       | 0.12%        | 0.023%     |
| 32     | 17.662   | 2505       | 2512     | 2519      | rBV   | 81992       | 115368     | 5.10%        | 1.005%     |
| 33     | 17.774   | 2527       | 2531     | 2539      | rBV9  | 9978        | 16540      | 0.73%        | 0.144%     |
| 34     | 17.909   | 2550       | 2554     | 2560      | rBV4  | 24208       | 40155      | 1.78%        | 0.350%     |

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 Max Peaks: 100  
 Peak Location: TOP

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

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 35 | 17.962 | 2560 | 2563 | 2573 | rVB9 | 17045 | 29480 | 1.30% | 0.257% |
| 36 | 18.068 | 2579 | 2581 | 2586 | rVB6 | 4304  | 4918  | 0.22% | 0.043% |
| 37 | 18.127 | 2586 | 2591 | 2595 | rBV  | 62652 | 81323 | 3.60% | 0.708% |
| 38 | 18.186 | 2597 | 2601 | 2605 | rVV2 | 43210 | 56265 | 2.49% | 0.490% |
| 39 | 18.233 | 2605 | 2609 | 2617 | rVB5 | 20860 | 28973 | 1.28% | 0.252% |
| 40 | 18.374 | 2629 | 2633 | 2635 | rBV5 | 2245  | 3742  | 0.17% | 0.033% |
| 41 | 18.415 | 2635 | 2640 | 2644 | rVV  | 51702 | 73814 | 3.26% | 0.643% |
| 42 | 18.462 | 2645 | 2648 | 2653 | rVV6 | 20182 | 24477 | 1.08% | 0.213% |
| 43 | 18.515 | 2654 | 2657 | 2660 | rVV5 | 6608  | 8589  | 0.38% | 0.075% |
| 44 | 18.556 | 2661 | 2664 | 2666 | rVV2 | 11364 | 12387 | 0.55% | 0.108% |
| 45 | 18.592 | 2666 | 2670 | 2674 | rVB2 | 36969 | 44505 | 1.97% | 0.388% |
| 46 | 18.692 | 2683 | 2687 | 2690 | rBV6 | 8311  | 12120 | 0.54% | 0.106% |
| 47 | 18.903 | 2718 | 2723 | 2727 | rBV3 | 24454 | 33537 | 1.48% | 0.292% |
| 48 | 18.950 | 2727 | 2731 | 2733 | rBV5 | 17622 | 23134 | 1.02% | 0.202% |
| 49 | 18.986 | 2733 | 2737 | 2742 | rVB4 | 62124 | 95357 | 4.22% | 0.831% |
| 50 | 19.062 | 2748 | 2750 | 2754 | rVB5 | 4073  | 3260  | 0.14% | 0.028% |
| 51 | 19.115 | 2754 | 2759 | 2763 | rBV  | 47912 | 65235 | 2.88% | 0.568% |
| 52 | 19.203 | 2769 | 2774 | 2780 | rBV5 | 27509 | 54067 | 2.39% | 0.471% |
| 53 | 19.262 | 2780 | 2784 | 2788 | rVV3 | 37936 | 51174 | 2.26% | 0.446% |
| 54 | 19.327 | 2791 | 2795 | 2799 | rBV6 | 10757 | 13580 | 0.60% | 0.118% |
| 55 | 19.397 | 2803 | 2807 | 2812 | rBV6 | 15319 | 20099 | 0.89% | 0.175% |
| 56 | 19.450 | 2812 | 2816 | 2818 | rBV4 | 8112  | 12444 | 0.55% | 0.108% |
| 57 | 19.474 | 2818 | 2820 | 2824 | rVV2 | 17227 | 18571 | 0.82% | 0.162% |
| 58 | 19.521 | 2825 | 2828 | 2832 | rVB5 | 10483 | 13568 | 0.60% | 0.118% |
| 59 | 19.603 | 2838 | 2842 | 2845 | rBV5 | 13526 | 17790 | 0.79% | 0.155% |
| 60 | 19.650 | 2848 | 2850 | 2853 | rVV4 | 6403  | 7379  | 0.33% | 0.064% |
| 61 | 19.709 | 2854 | 2860 | 2864 | rVB5 | 27981 | 42828 | 1.89% | 0.373% |
| 62 | 19.827 | 2877 | 2880 | 2883 | rBV4 | 9053  | 12031 | 0.53% | 0.105% |
| 63 | 19.874 | 2886 | 2888 | 2889 | rBV2 | 5429  | 4208  | 0.19% | 0.037% |
| 64 | 19.974 | 2901 | 2905 | 2908 | rBV4 | 36824 | 44578 | 1.97% | 0.388% |
| 65 | 20.021 | 2909 | 2913 | 2918 | rVB5 | 22349 | 29865 | 1.32% | 0.260% |
| 66 | 20.250 | 2948 | 2952 | 2956 | rVB2 | 51744 | 59755 | 2.64% | 0.521% |
| 67 | 20.303 | 2958 | 2961 | 2963 | rBV4 | 11871 | 14288 | 0.63% | 0.124% |
| 68 | 20.403 | 2975 | 2978 | 2982 | rBV5 | 11422 | 13847 | 0.61% | 0.121% |
| 69 | 20.439 | 2982 | 2984 | 2987 | rVB4 | 14631 | 12768 | 0.56% | 0.111% |
| 70 | 20.562 | 3003 | 3005 | 3011 | rVB7 | 31119 | 40811 | 1.80% | 0.356% |
| 71 | 20.715 | 3028 | 3031 | 3034 | rVB5 | 16381 | 17052 | 0.75% | 0.149% |

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ClientSampleId :  
C0AZ2

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Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 0.1 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 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-BM040721MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 72 | 21.233 | 3114 | 3119 | 3123 | rBV  | 1179653 | 1417888 | 62.69% | 12.352% |
| 73 | 23.438 | 3488 | 3494 | 3502 | rVB2 | 623694  | 1167211 | 51.60% | 10.168% |

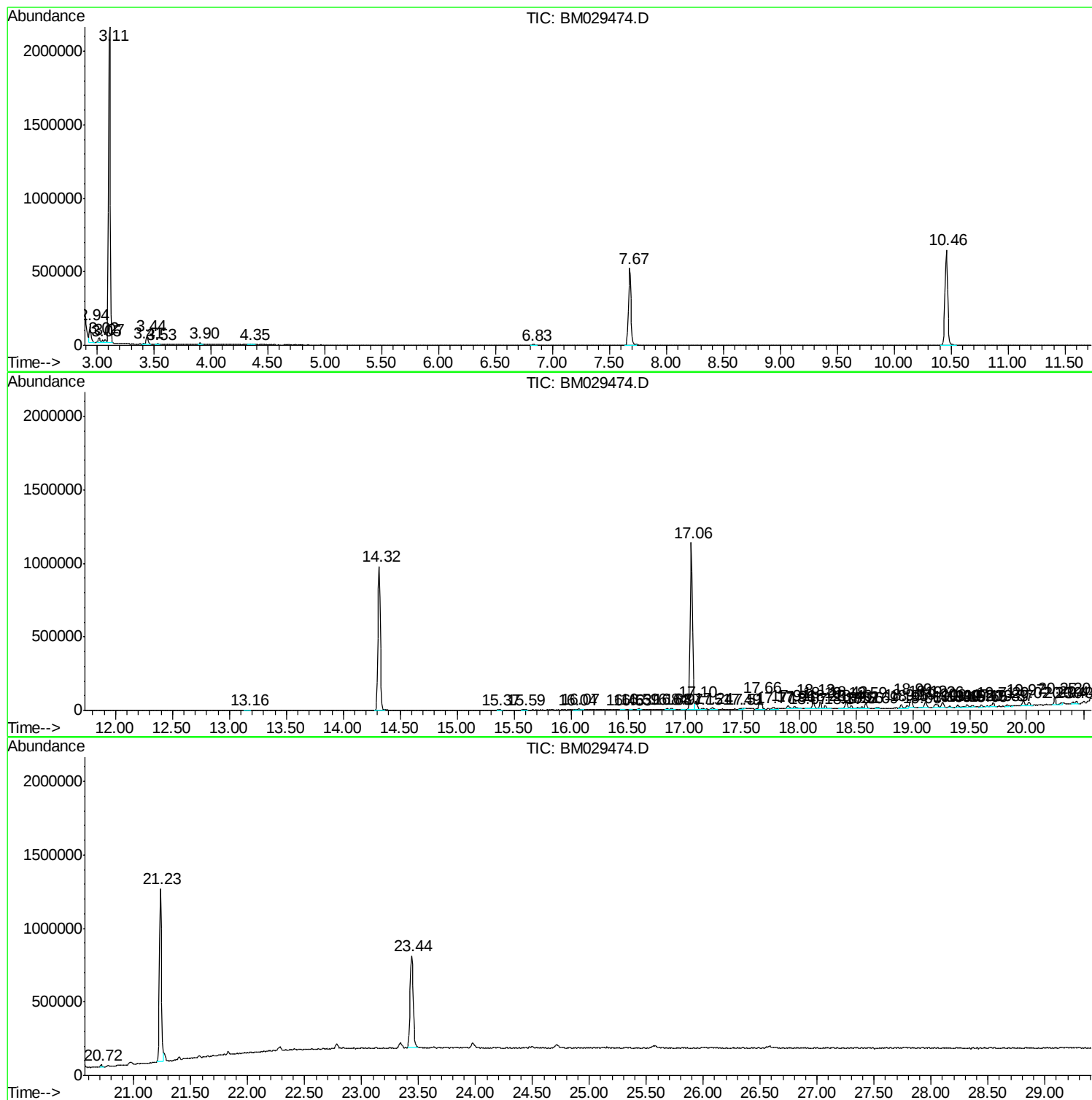
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0A22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

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



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Misc :  
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

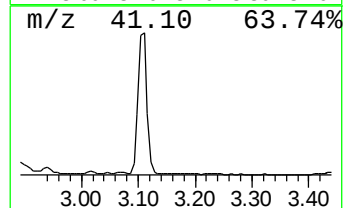
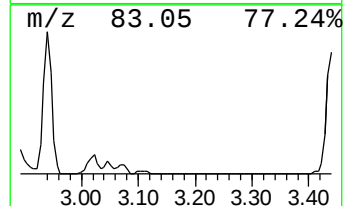
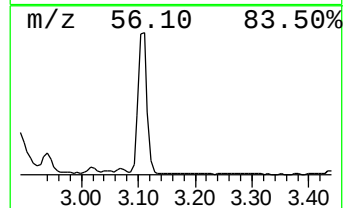
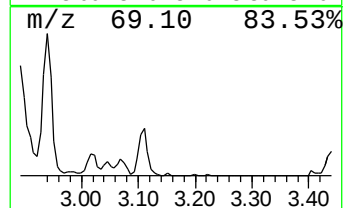
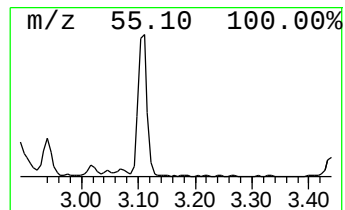
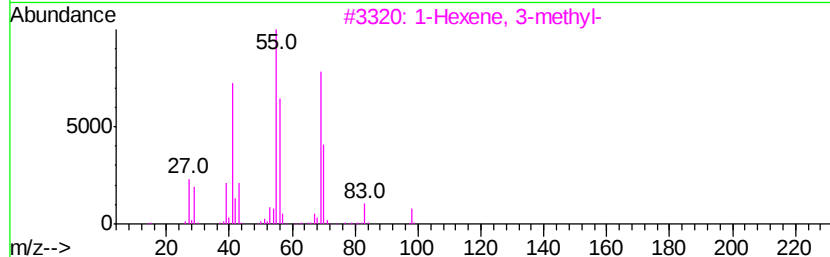
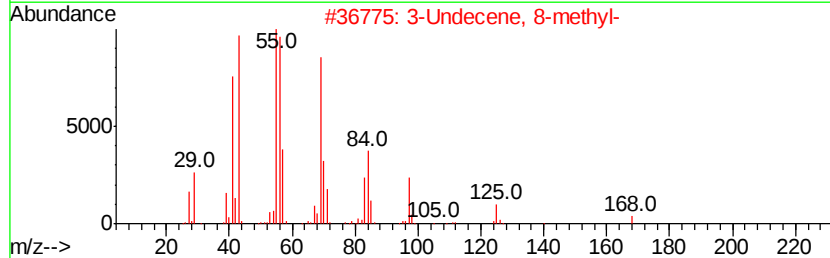
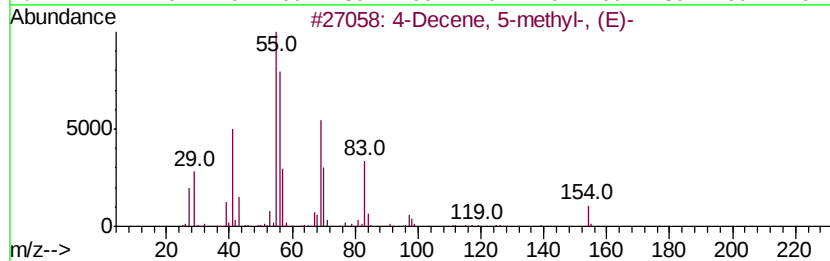
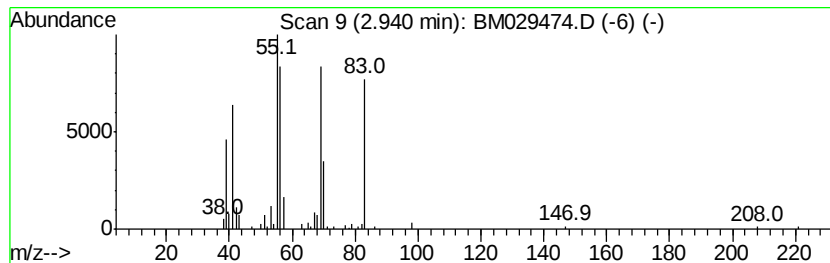
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.94 | 3.34 ng/ul | 137451 | 1,4-Dichlorobenzene-d4 | 7.67 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------------|-----|---------|--------------|------|
| 1    | 5  | 4-Decene, 5-methyl-, (E)- | 154 | C11H22  | 062338-51-6  | 53   |
| 2    |    | 3-Undecene, 8-methyl-     | 168 | C12H24  | 1000061-84-4 | 47   |
| 3    |    | 1-Hexene, 3-methyl-       | 98  | C7H14   | 003404-61-3  | 43   |
| 4    |    | 3-Heptene, (E)-           | 98  | C7H14   | 014686-14-7  | 43   |
| 5    |    | 3-Heptene, (E)-           | 98  | C7H14   | 014686-14-7  | 43   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION

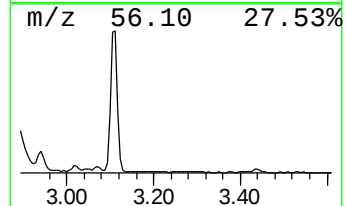
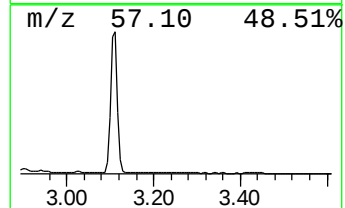
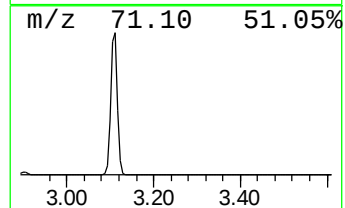
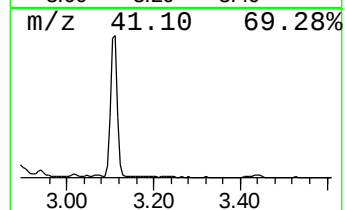
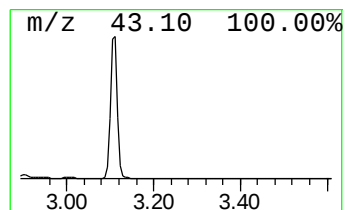
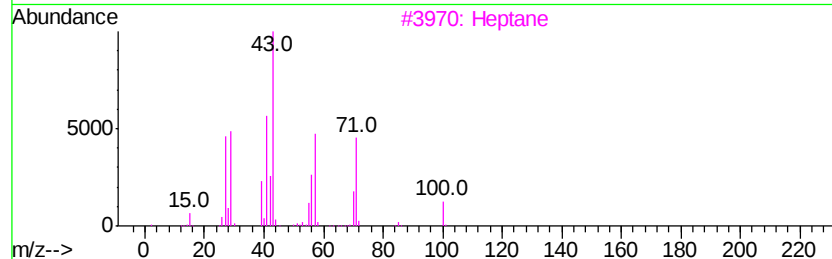
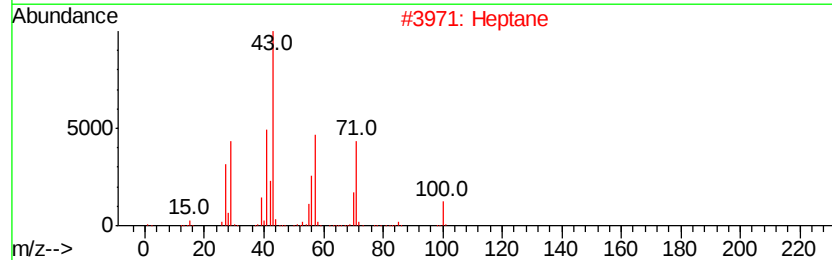
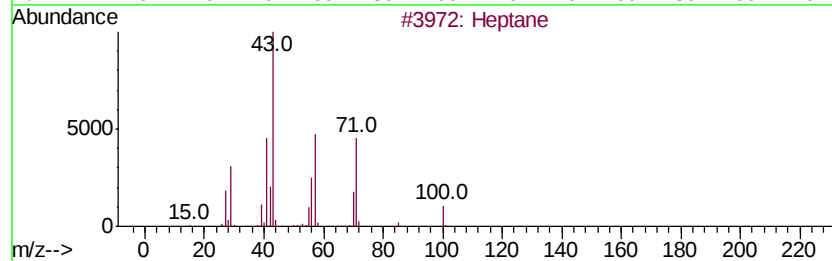
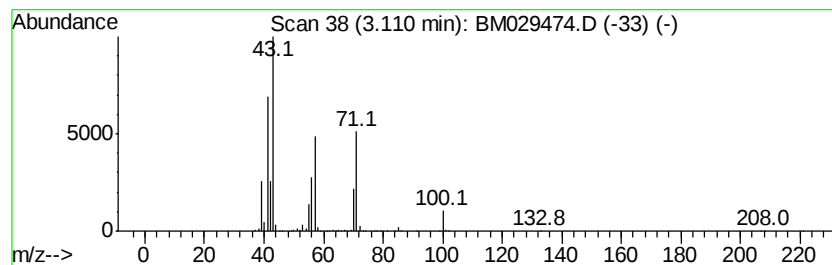
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.11 | 54.95 ng/ul | 2261850 | 1,4-Dichlorobenzene-d4 | 7.67 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Heptane           | 100 | C7H16   | 000142-82-5 | 91   |
| 2    |    | Heptane           | 100 | C7H16   | 000142-82-5 | 90   |
| 3    |    | Heptane           | 100 | C7H16   | 000142-82-5 | 86   |
| 4    |    | Heptane           | 100 | C7H16   | 000142-82-5 | 80   |
| 5    |    | Hexane, 3-methyl- | 100 | C7H16   | 000589-34-4 | 45   |



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|                      |      |         |       |          | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
| TIC Top Hit name     | RT   | EstConc | Units | Response | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Str... | 2.94 | 3.3     | ng/ul | 137451   | 1                     | 7.67 | 823184 | 20.0 |
| (DEL) Alkane: Str... | 3.11 | 55.0    | ng/ul | 2261850  | 1                     | 7.67 | 823184 | 20.0 |