

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070920\  
 Data File : BN011129.D  
 Acq On : 09 Jul 2020 10:27  
 Operator : CG/JU  
 Sample : L3229-10  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SVOC-GPC2-BLANK

## 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\_N\METHODS\SOM-EPA-BN070820MA.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         | 2.864       | 6             | 13          | 23           | rBV5     | 51150          | 180427        | 8.88%           | 1.658%        |
| 2         | 3.034       | 40            | 42          | 44           | rBV2     | 6812           | 7020          | 0.35%           | 0.064%        |
| 3         | 3.581       | 134           | 135         | 137          | rBV      | 3775           | 2766          | 0.14%           | 0.025%        |
| 4         | 3.758       | 163           | 165         | 167          | rBV3     | 2727           | 2959          | 0.15%           | 0.027%        |
| 5         | 3.858       | 179           | 182         | 184          | rBV4     | 7476           | 10389         | 0.51%           | 0.095%        |
| 6         | 4.116       | 222           | 226         | 227          | rBV4     | 2821           | 2862          | 0.14%           | 0.026%        |
| 7         | 4.728       | 327           | 330         | 334          | rBV3     | 3020           | 3688          | 0.18%           | 0.034%        |
| 8         | 5.569       | 470           | 473         | 474          | rBV3     | 3096           | 2378          | 0.12%           | 0.022%        |
| 9         | 5.581       | 474           | 475         | 478          | rVV2     | 2269           | 2374          | 0.12%           | 0.022%        |
| 10        | 5.793       | 508           | 511         | 512          | rVB2     | 3047           | 2651          | 0.13%           | 0.024%        |
| 11        | 6.116       | 564           | 566         | 570          | rVB      | 2230           | 2314          | 0.11%           | 0.021%        |
| 12        | 6.446       | 620           | 622         | 626          | rBV2     | 2272           | 2104          | 0.10%           | 0.019%        |
| 13        | 7.022       | 717           | 720         | 724          | rBV4     | 3324           | 5183          | 0.26%           | 0.048%        |
| 14        | 7.428       | 785           | 789         | 794          | rBV4     | 2552           | 5965          | 0.29%           | 0.055%        |
| 15        | 7.505       | 796           | 802         | 812          | rBV      | 742838         | 1266229       | 62.35%          | 11.632%       |
| 16        | 7.987       | 882           | 884         | 891          | rVB3     | 1623           | 2355          | 0.12%           | 0.022%        |
| 17        | 8.081       | 897           | 900         | 901          | rBV2     | 2206           | 2121          | 0.10%           | 0.019%        |
| 18        | 8.275       | 930           | 933         | 937          | rBV3     | 1654           | 2653          | 0.13%           | 0.024%        |
| 19        | 8.322       | 937           | 941         | 945          | rBV4     | 1997           | 2960          | 0.15%           | 0.027%        |
| 20        | 8.446       | 958           | 962         | 966          | rVB3     | 1914           | 2854          | 0.14%           | 0.026%        |
| 21        | 9.046       | 1062          | 1064        | 1071         | rVB2     | 1521           | 2760          | 0.14%           | 0.025%        |
| 22        | 9.252       | 1097          | 1099        | 1104         | rVB      | 1373           | 2050          | 0.10%           | 0.019%        |
| 23        | 9.563       | 1151          | 1152        | 1157         | rVB2     | 2055           | 2969          | 0.15%           | 0.027%        |
| 24        | 10.251      | 1262          | 1269        | 1286         | rBV      | 855075         | 1494973       | 73.61%          | 13.734%       |
| 25        | 10.369      | 1286          | 1289        | 1293         | rVV3     | 3767           | 7011          | 0.35%           | 0.064%        |
| 26        | 10.404      | 1293          | 1295        | 1298         | rVB2     | 2026           | 2209          | 0.11%           | 0.020%        |
| 27        | 10.640      | 1333          | 1335        | 1338         | rVB2     | 2244           | 2062          | 0.10%           | 0.019%        |
| 28        | 10.687      | 1338          | 1343        | 1345         | rBV      | 2315           | 3994          | 0.20%           | 0.037%        |
| 29        | 11.128      | 1416          | 1418        | 1421         | rBV3     | 2043           | 2353          | 0.12%           | 0.022%        |
| 30        | 11.528      | 1483          | 1486        | 1489         | rBV      | 2313           | 2087          | 0.10%           | 0.019%        |
| 31        | 11.881      | 1544          | 1546        | 1551         | rVB2     | 1821           | 2245          | 0.11%           | 0.021%        |
| 32        | 14.128      | 1922          | 1928        | 1937         | rBV2     | 1164964        | 1813786       | 89.31%          | 16.663%       |
| 33        | 14.751      | 2033          | 2034        | 2038         | rBV3     | 1771           | 2050          | 0.10%           | 0.019%        |
| 34        | 15.069      | 2083          | 2088        | 2089         | rBV2     | 1410           | 2369          | 0.12%           | 0.022%        |

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## Integration Parameters: LSCINT.P

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 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\_N\METHODS\SOM-EPA-BN070820MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 15.122 | 2092 | 2097 | 2101 | rBV2 | 1568    | 3116    | 0.15%  | 0.029%  |
| 36 | 15.410 | 2142 | 2146 | 2150 | rBV3 | 1637    | 2423    | 0.12%  | 0.022%  |
| 37 | 15.945 | 2232 | 2237 | 2238 | rBV3 | 1885    | 2194    | 0.11%  | 0.020%  |
| 38 | 16.075 | 2257 | 2259 | 2264 | rVB3 | 1778    | 2386    | 0.12%  | 0.022%  |
| 39 | 16.257 | 2289 | 2290 | 2295 | rVB  | 1842    | 2238    | 0.11%  | 0.021%  |
| 40 | 16.298 | 2295 | 2297 | 2299 | rBV2 | 2085    | 2062    | 0.10%  | 0.019%  |
| 41 | 16.675 | 2358 | 2361 | 2363 | rBV3 | 2939    | 3606    | 0.18%  | 0.033%  |
| 42 | 16.886 | 2391 | 2397 | 2413 | rBV  | 1250536 | 1920567 | 94.57% | 17.644% |
| 43 | 17.081 | 2427 | 2430 | 2436 | rVB4 | 3755    | 7602    | 0.37%  | 0.070%  |
| 44 | 17.363 | 2475 | 2478 | 2481 | rVB  | 1924    | 2630    | 0.13%  | 0.024%  |
| 45 | 17.604 | 2516 | 2519 | 2521 | rVB2 | 2200    | 2399    | 0.12%  | 0.022%  |
| 46 | 17.639 | 2523 | 2525 | 2527 | rBV2 | 2524    | 2440    | 0.12%  | 0.022%  |
| 47 | 17.710 | 2534 | 2537 | 2541 | rBV3 | 2018    | 2729    | 0.13%  | 0.025%  |
| 48 | 17.751 | 2541 | 2544 | 2546 | rBV2 | 2013    | 2496    | 0.12%  | 0.023%  |
| 49 | 17.863 | 2560 | 2563 | 2564 | rBV3 | 2314    | 2998    | 0.15%  | 0.028%  |
| 50 | 17.910 | 2569 | 2571 | 2574 | rBV4 | 2214    | 2199    | 0.11%  | 0.020%  |
| 51 | 17.945 | 2574 | 2577 | 2579 | rVB3 | 2042    | 2134    | 0.11%  | 0.020%  |
| 52 | 18.069 | 2596 | 2598 | 2600 | rBV  | 2028    | 2419    | 0.12%  | 0.022%  |
| 53 | 18.263 | 2629 | 2631 | 2634 | rBV4 | 2826    | 2477    | 0.12%  | 0.023%  |
| 54 | 18.316 | 2638 | 2640 | 2642 | rBV2 | 2017    | 2489    | 0.12%  | 0.023%  |
| 55 | 18.398 | 2651 | 2654 | 2656 | rBV2 | 1729    | 2173    | 0.11%  | 0.020%  |
| 56 | 18.439 | 2656 | 2661 | 2662 | rVV3 | 5175    | 6597    | 0.32%  | 0.061%  |
| 57 | 18.475 | 2665 | 2667 | 2668 | rVB2 | 3664    | 2586    | 0.13%  | 0.024%  |
| 58 | 18.492 | 2668 | 2670 | 2672 | rBV3 | 4768    | 4522    | 0.22%  | 0.042%  |
| 59 | 18.563 | 2680 | 2682 | 2686 | rBV5 | 3221    | 2831    | 0.14%  | 0.026%  |
| 60 | 18.598 | 2686 | 2688 | 2691 | rBV4 | 3589    | 4218    | 0.21%  | 0.039%  |
| 61 | 18.627 | 2691 | 2693 | 2698 | rVB4 | 3132    | 4258    | 0.21%  | 0.039%  |
| 62 | 18.686 | 2701 | 2703 | 2704 | rBV2 | 4280    | 2936    | 0.14%  | 0.027%  |
| 63 | 18.810 | 2722 | 2724 | 2725 | rVB2 | 4836    | 3362    | 0.17%  | 0.031%  |
| 64 | 18.827 | 2725 | 2727 | 2728 | rBV2 | 3845    | 2672    | 0.13%  | 0.025%  |
| 65 | 18.892 | 2735 | 2738 | 2740 | rBV3 | 5676    | 7744    | 0.38%  | 0.071%  |
| 66 | 18.916 | 2740 | 2742 | 2743 | rVB2 | 4539    | 2411    | 0.12%  | 0.022%  |
| 67 | 18.939 | 2743 | 2746 | 2749 | rBV5 | 4111    | 7351    | 0.36%  | 0.068%  |
| 68 | 19.180 | 2785 | 2787 | 2788 | rBV2 | 3947    | 2242    | 0.11%  | 0.021%  |
| 69 | 19.351 | 2814 | 2816 | 2818 | rBV2 | 4819    | 3544    | 0.17%  | 0.033%  |
| 70 | 19.474 | 2835 | 2837 | 2838 | rBV2 | 4069    | 2852    | 0.14%  | 0.026%  |
| 71 | 19.639 | 2863 | 2865 | 2866 | rBV2 | 5444    | 2925    | 0.14%  | 0.027%  |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SVOC-GPC2-BLANK

## Integration Parameters: LSCINT.P

Integrator: RTE  
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\_N\METHODS\SOM-EPA-BN070820MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 72 | 21.098 | 3108 | 3113 | 3121 | rBV  | 1643449 | 2030826 | 100.00% | 18.657% |
| 73 | 23.233 | 3470 | 3476 | 3489 | rVB2 | 1068966 | 1960479 | 96.54%  | 18.010% |

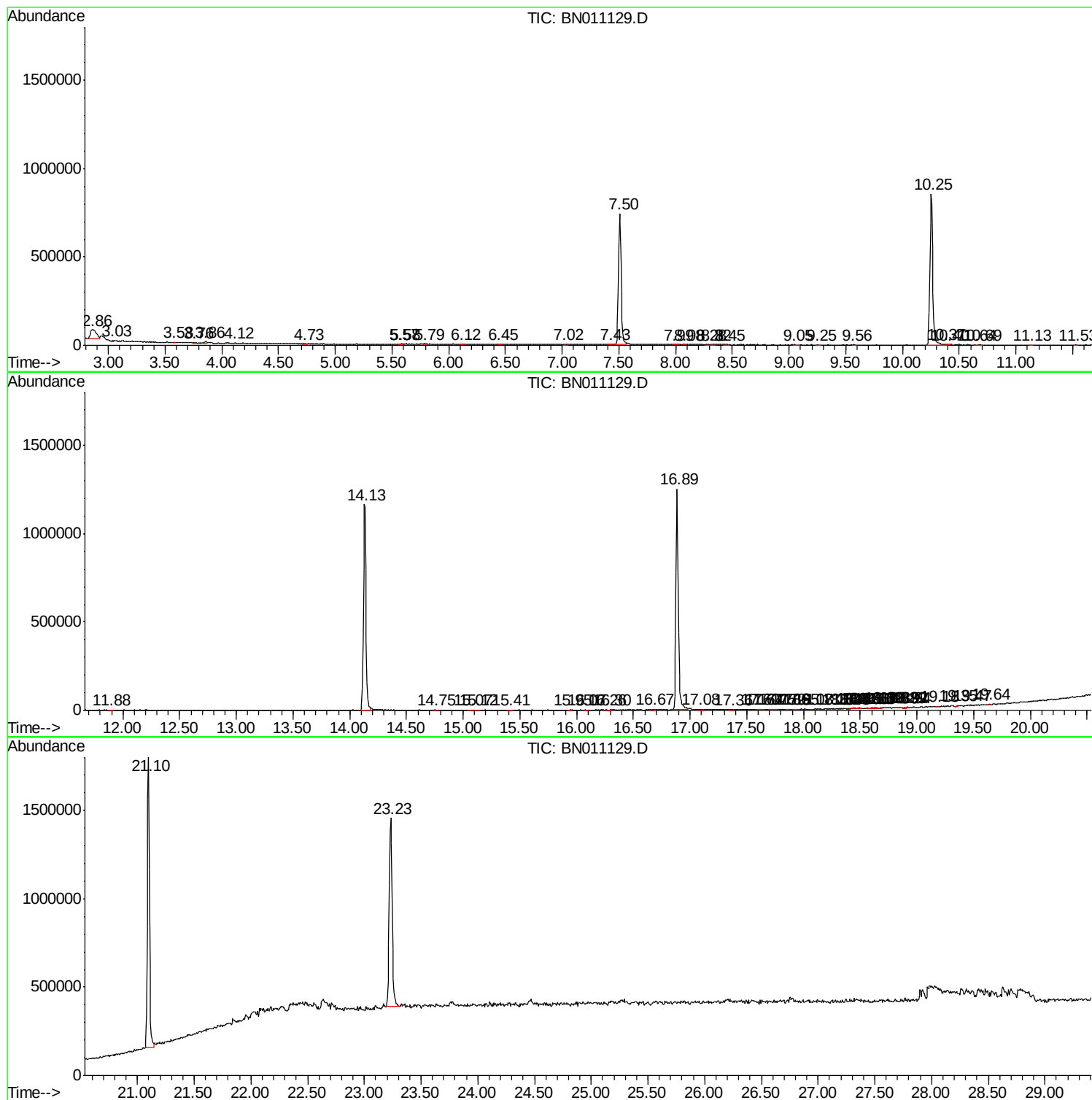
Sum of corrected areas: 10885303

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN070820MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

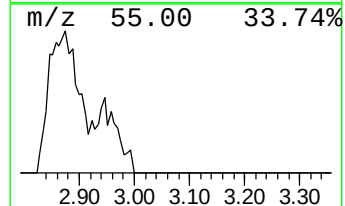
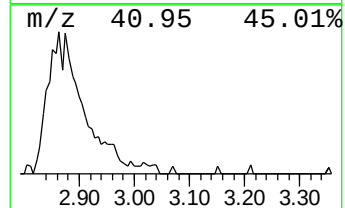
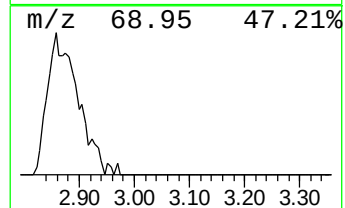
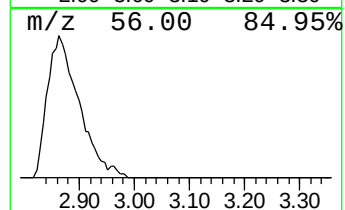
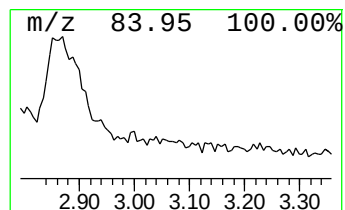
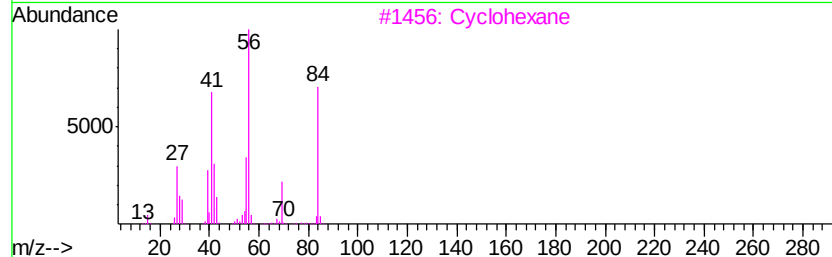
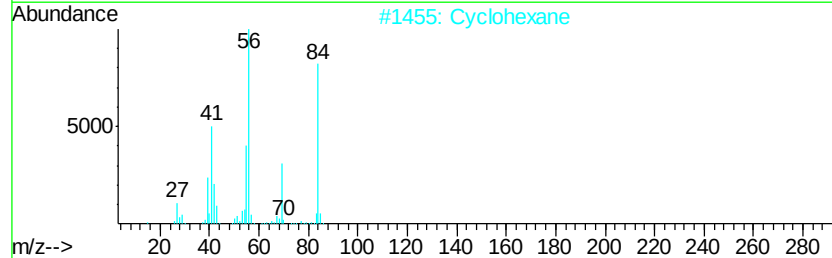
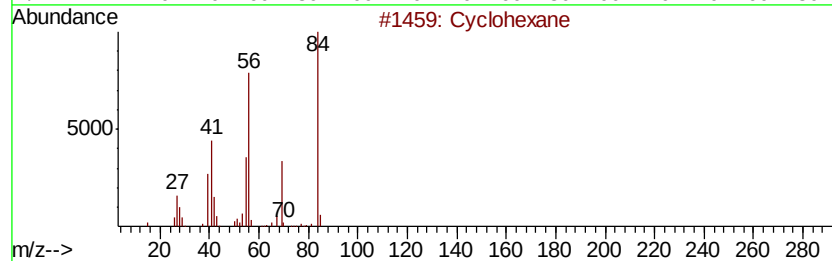
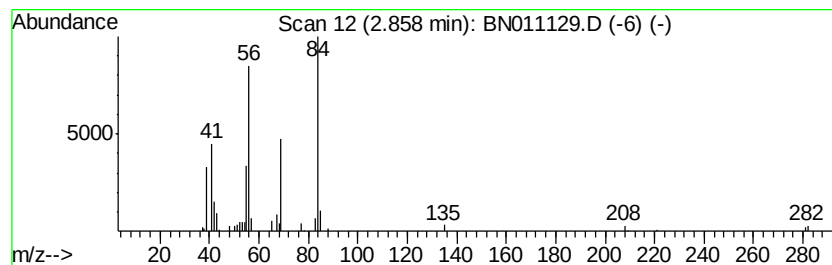
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic2.86 Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.86 | 2.85 ng/ul | 180427 | 1,4-Dichlorobenzene-d4 | 7.50 |

| Hit# | of | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|--------------|----|---------|-------------|------|
| 1    | 5  | Cyclohexane  | 84 | C6H12   | 000110-82-7 | 90   |
| 2    |    | Cyclohexane  | 84 | C6H12   | 000110-82-7 | 86   |
| 3    |    | Cyclohexane  | 84 | C6H12   | 000110-82-7 | 78   |
| 4    |    | Cyclohexane  | 84 | C6H12   | 000110-82-7 | 72   |
| 5    |    | 1-Hexene     | 84 | C6H12   | 000592-41-6 | 72   |



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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| (DEL) Alkane: Cyc... | 2.86 | 2.9     | ng/ul | 180427   | 1                     | 7.50 | 1266230 | 20.0 |