

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\  
 Data File : BG047040.D  
 Acq On : 22 Oct 2020 20:26  
 Operator : CG/JU  
 Sample : PB132450BL  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK36

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\_G\METHODS\SOM-EPA-BG102220MA.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         | 3.397       | 6             | 10          | 20           | rVB      | 220498         | 255134        | 37.04%          | 7.564%        |
| 2         | 3.743       | 65            | 69          | 75           | rVV3     | 8418           | 9975          | 1.45%           | 0.296%        |
| 3         | 3.802       | 78            | 79          | 81           | rVB3     | 1799           | 1129          | 0.16%           | 0.033%        |
| 4         | 3.890       | 91            | 94          | 95           | rBV      | 1593           | 1220          | 0.18%           | 0.036%        |
| 5         | 3.949       | 98            | 104         | 107          | rVB2     | 1581           | 3515          | 0.51%           | 0.104%        |
| 6         | 3.978       | 107           | 109         | 111          | rBV2     | 1388           | 1340          | 0.19%           | 0.040%        |
| 7         | 4.219       | 147           | 150         | 156          | rVB3     | 3179           | 4431          | 0.64%           | 0.131%        |
| 8         | 4.595       | 212           | 214         | 218          | rBV      | 1322           | 1555          | 0.23%           | 0.046%        |
| 9         | 4.848       | 254           | 257         | 260          | rBV      | 1474           | 2206          | 0.32%           | 0.065%        |
| 10        | 5.112       | 300           | 302         | 304          | rVV      | 902            | 1106          | 0.16%           | 0.033%        |
| 11        | 5.142       | 304           | 307         | 312          | rVB2     | 2109           | 3430          | 0.50%           | 0.102%        |
| 12        | 5.324       | 336           | 338         | 341          | rBV      | 1131           | 1496          | 0.22%           | 0.044%        |
| 13        | 5.424       | 353           | 355         | 359          | rVB      | 1183           | 1204          | 0.17%           | 0.036%        |
| 14        | 5.641       | 389           | 392         | 395          | rBV      | 960            | 1315          | 0.19%           | 0.039%        |
| 15        | 5.706       | 400           | 403         | 406          | rBV      | 920            | 1288          | 0.19%           | 0.038%        |
| 16        | 5.870       | 427           | 431         | 432          | rVB      | 1082           | 1363          | 0.20%           | 0.040%        |
| 17        | 5.900       | 434           | 436         | 439          | rVV      | 1179           | 1555          | 0.23%           | 0.046%        |
| 18        | 6.029       | 455           | 458         | 461          | rVB      | 1040           | 1282          | 0.19%           | 0.038%        |
| 19        | 6.064       | 461           | 464         | 466          | rBV      | 1198           | 1214          | 0.18%           | 0.036%        |
| 20        | 6.158       | 479           | 480         | 484          | rVB      | 1653           | 1515          | 0.22%           | 0.045%        |
| 21        | 6.193       | 484           | 486         | 490          | rBV2     | 1494           | 1954          | 0.28%           | 0.058%        |
| 22        | 6.235       | 490           | 493         | 496          | rVB      | 1419           | 1534          | 0.22%           | 0.045%        |
| 23        | 6.393       | 518           | 520         | 523          | rVB      | 1460           | 1344          | 0.20%           | 0.040%        |
| 24        | 7.192       | 651           | 656         | 659          | rVB      | 1986           | 2474          | 0.36%           | 0.073%        |
| 25        | 7.339       | 680           | 681         | 683          | rVV      | 1492           | 1156          | 0.17%           | 0.034%        |
| 26        | 7.386       | 687           | 689         | 692          | rVV      | 1271           | 1634          | 0.24%           | 0.048%        |
| 27        | 7.445       | 695           | 699         | 701          | rVV2     | 927            | 1428          | 0.21%           | 0.042%        |
| 28        | 7.768       | 752           | 754         | 757          | rBV2     | 1375           | 1195          | 0.17%           | 0.035%        |
| 29        | 8.056       | 796           | 803         | 812          | rBV2     | 159225         | 276292        | 40.11%          | 8.192%        |
| 30        | 8.144       | 817           | 818         | 824          | rVB      | 1163           | 1561          | 0.23%           | 0.046%        |
| 31        | 8.256       | 833           | 837         | 841          | rBV      | 1355           | 2119          | 0.31%           | 0.063%        |
| 32        | 8.479       | 874           | 875         | 878          | rBV      | 1781           | 1345          | 0.20%           | 0.040%        |
| 33        | 8.508       | 878           | 880         | 883          | rVV      | 1205           | 1184          | 0.17%           | 0.035%        |
| 34        | 8.614       | 895           | 898         | 900          | rBV      | 1183           | 1320          | 0.19%           | 0.039%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 8.632  | 900  | 901  | 904  | rBV  | 979    | 1117   | 0.16%  | 0.033%  |
| 36 | 8.679  | 908  | 909  | 912  | rBV  | 1822   | 1620   | 0.24%  | 0.048%  |
| 37 | 9.296  | 1010 | 1014 | 1015 | rBV  | 1330   | 1198   | 0.17%  | 0.036%  |
| 38 | 9.319  | 1015 | 1018 | 1021 | rVB  | 1365   | 1409   | 0.20%  | 0.042%  |
| 39 | 9.625  | 1067 | 1070 | 1072 | rBV  | 1346   | 1096   | 0.16%  | 0.032%  |
| 40 | 10.018 | 1136 | 1137 | 1141 | rVB  | 1657   | 1401   | 0.20%  | 0.042%  |
| 41 | 10.118 | 1152 | 1154 | 1158 | rVB  | 853    | 1150   | 0.17%  | 0.034%  |
| 42 | 10.371 | 1195 | 1197 | 1201 | rBV  | 1241   | 1363   | 0.20%  | 0.040%  |
| 43 | 10.512 | 1219 | 1221 | 1223 | rBV  | 1192   | 1136   | 0.16%  | 0.034%  |
| 44 | 10.647 | 1241 | 1244 | 1246 | rBV  | 1419   | 1336   | 0.19%  | 0.040%  |
| 45 | 10.870 | 1275 | 1282 | 1292 | rVV  | 188698 | 335900 | 48.77% | 9.959%  |
| 46 | 11.217 | 1337 | 1341 | 1343 | rVB  | 1120   | 1361   | 0.20%  | 0.040%  |
| 47 | 11.793 | 1434 | 1439 | 1442 | rBV  | 819    | 1500   | 0.22%  | 0.044%  |
| 48 | 11.946 | 1463 | 1465 | 1468 | rVB  | 1403   | 1165   | 0.17%  | 0.035%  |
| 49 | 12.222 | 1511 | 1512 | 1517 | rVB2 | 1147   | 1691   | 0.25%  | 0.050%  |
| 50 | 12.545 | 1565 | 1567 | 1572 | rVB  | 1421   | 1583   | 0.23%  | 0.047%  |
| 51 | 12.633 | 1581 | 1582 | 1586 | rVB  | 1176   | 1489   | 0.22%  | 0.044%  |
| 52 | 12.680 | 1589 | 1590 | 1593 | rBV  | 1482   | 1154   | 0.17%  | 0.034%  |
| 53 | 13.397 | 1710 | 1712 | 1717 | rBV  | 1084   | 1654   | 0.24%  | 0.049%  |
| 54 | 13.955 | 1804 | 1807 | 1809 | rBV2 | 1261   | 1352   | 0.20%  | 0.040%  |
| 55 | 14.037 | 1819 | 1821 | 1824 | rBV  | 1320   | 1504   | 0.22%  | 0.045%  |
| 56 | 14.554 | 1907 | 1909 | 1913 | rBV3 | 1173   | 1460   | 0.21%  | 0.043%  |
| 57 | 14.689 | 1925 | 1932 | 1939 | rBV2 | 290963 | 451679 | 65.57% | 13.392% |
| 58 | 14.783 | 1946 | 1948 | 1954 | rVB  | 1513   | 2138   | 0.31%  | 0.063%  |
| 59 | 14.936 | 1971 | 1974 | 1977 | rBV2 | 916    | 1489   | 0.22%  | 0.044%  |
| 60 | 15.230 | 2022 | 2024 | 2027 | rVB  | 1160   | 1261   | 0.18%  | 0.037%  |
| 61 | 15.259 | 2027 | 2029 | 2032 | rBV  | 1181   | 1097   | 0.16%  | 0.033%  |
| 62 | 15.565 | 2079 | 2081 | 2085 | rBV2 | 1014   | 1168   | 0.17%  | 0.035%  |
| 63 | 15.712 | 2103 | 2106 | 2108 | rVB2 | 1187   | 1145   | 0.17%  | 0.034%  |
| 64 | 16.329 | 2207 | 2211 | 2214 | rVB3 | 1141   | 1777   | 0.26%  | 0.053%  |
| 65 | 16.687 | 2269 | 2272 | 2275 | rBV3 | 828    | 1245   | 0.18%  | 0.037%  |
| 66 | 16.716 | 2275 | 2277 | 2281 | rVV2 | 1393   | 2008   | 0.29%  | 0.060%  |
| 67 | 16.928 | 2310 | 2313 | 2315 | rVB  | 1093   | 1157   | 0.17%  | 0.034%  |
| 68 | 17.028 | 2327 | 2330 | 2333 | rBV  | 1112   | 1284   | 0.19%  | 0.038%  |
| 69 | 17.433 | 2392 | 2399 | 2412 | rVV  | 350573 | 547975 | 79.55% | 16.247% |
| 70 | 17.521 | 2412 | 2414 | 2416 | rVV  | 2216   | 2542   | 0.37%  | 0.075%  |
| 71 | 17.545 | 2416 | 2418 | 2421 | rVV2 | 2303   | 2432   | 0.35%  | 0.072%  |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 72  | 17.574 | 2421 | 2423 | 2427 | rVB  | 1415   | 1347   | 0.20%   | 0.040%  |
| 73  | 18.150 | 2519 | 2521 | 2523 | rBV2 | 1270   | 1232   | 0.18%   | 0.037%  |
| 74  | 18.432 | 2567 | 2569 | 2572 | rVB3 | 1566   | 1757   | 0.26%   | 0.052%  |
| 75  | 18.456 | 2572 | 2573 | 2576 | rBV2 | 2285   | 1759   | 0.26%   | 0.052%  |
| 76  | 18.497 | 2576 | 2580 | 2581 | rVV2 | 1270   | 1291   | 0.19%   | 0.038%  |
| 77  | 18.526 | 2581 | 2585 | 2588 | rVV2 | 1450   | 1695   | 0.25%   | 0.050%  |
| 78  | 18.567 | 2588 | 2592 | 2593 | rVB2 | 1550   | 1735   | 0.25%   | 0.051%  |
| 79  | 18.591 | 2593 | 2596 | 2597 | rBV2 | 1394   | 1192   | 0.17%   | 0.035%  |
| 80  | 18.673 | 2607 | 2610 | 2611 | rBV3 | 1542   | 1271   | 0.18%   | 0.038%  |
| 81  | 18.820 | 2633 | 2635 | 2637 | rVB2 | 1574   | 1203   | 0.17%   | 0.036%  |
| 82  | 18.867 | 2637 | 2643 | 2646 | rBV3 | 2111   | 3737   | 0.54%   | 0.111%  |
| 83  | 18.920 | 2651 | 2652 | 2654 | rBV2 | 1721   | 1219   | 0.18%   | 0.036%  |
| 84  | 19.020 | 2667 | 2669 | 2670 | rBV2 | 1896   | 1430   | 0.21%   | 0.042%  |
| 85  | 19.072 | 2676 | 2678 | 2681 | rVB2 | 1655   | 1543   | 0.22%   | 0.046%  |
| 86  | 19.114 | 2681 | 2685 | 2687 | rBV2 | 1582   | 2194   | 0.32%   | 0.065%  |
| 87  | 19.231 | 2703 | 2705 | 2707 | rBV  | 1406   | 1476   | 0.21%   | 0.044%  |
| 88  | 19.249 | 2707 | 2708 | 2712 | rVV3 | 1836   | 1723   | 0.25%   | 0.051%  |
| 89  | 19.325 | 2719 | 2721 | 2723 | rBV2 | 1721   | 1768   | 0.26%   | 0.052%  |
| 90  | 19.372 | 2727 | 2729 | 2731 | rBV3 | 1711   | 1494   | 0.22%   | 0.044%  |
| 91  | 19.466 | 2743 | 2745 | 2746 | rVB  | 2464   | 1331   | 0.19%   | 0.039%  |
| 92  | 19.496 | 2748 | 2750 | 2752 | rVV2 | 1686   | 1281   | 0.19%   | 0.038%  |
| 93  | 19.601 | 2766 | 2768 | 2770 | rVB2 | 2672   | 1128   | 0.16%   | 0.033%  |
| 94  | 19.625 | 2770 | 2772 | 2774 | rBV3 | 2206   | 1622   | 0.24%   | 0.048%  |
| 95  | 19.689 | 2781 | 2783 | 2784 | rBV  | 2152   | 1218   | 0.18%   | 0.036%  |
| 96  | 19.883 | 2814 | 2816 | 2819 | rVB3 | 2488   | 2696   | 0.39%   | 0.080%  |
| 97  | 19.989 | 2832 | 2834 | 2835 | rBV2 | 2331   | 1362   | 0.20%   | 0.040%  |
| 98  | 20.242 | 2875 | 2877 | 2879 | rBV3 | 2646   | 2586   | 0.38%   | 0.077%  |
| 99  | 21.699 | 3119 | 3125 | 3134 | rBV2 | 392823 | 660863 | 95.94%  | 19.594% |
| 100 | 24.930 | 3665 | 3675 | 3686 | rBV2 | 234795 | 688807 | 100.00% | 20.422% |

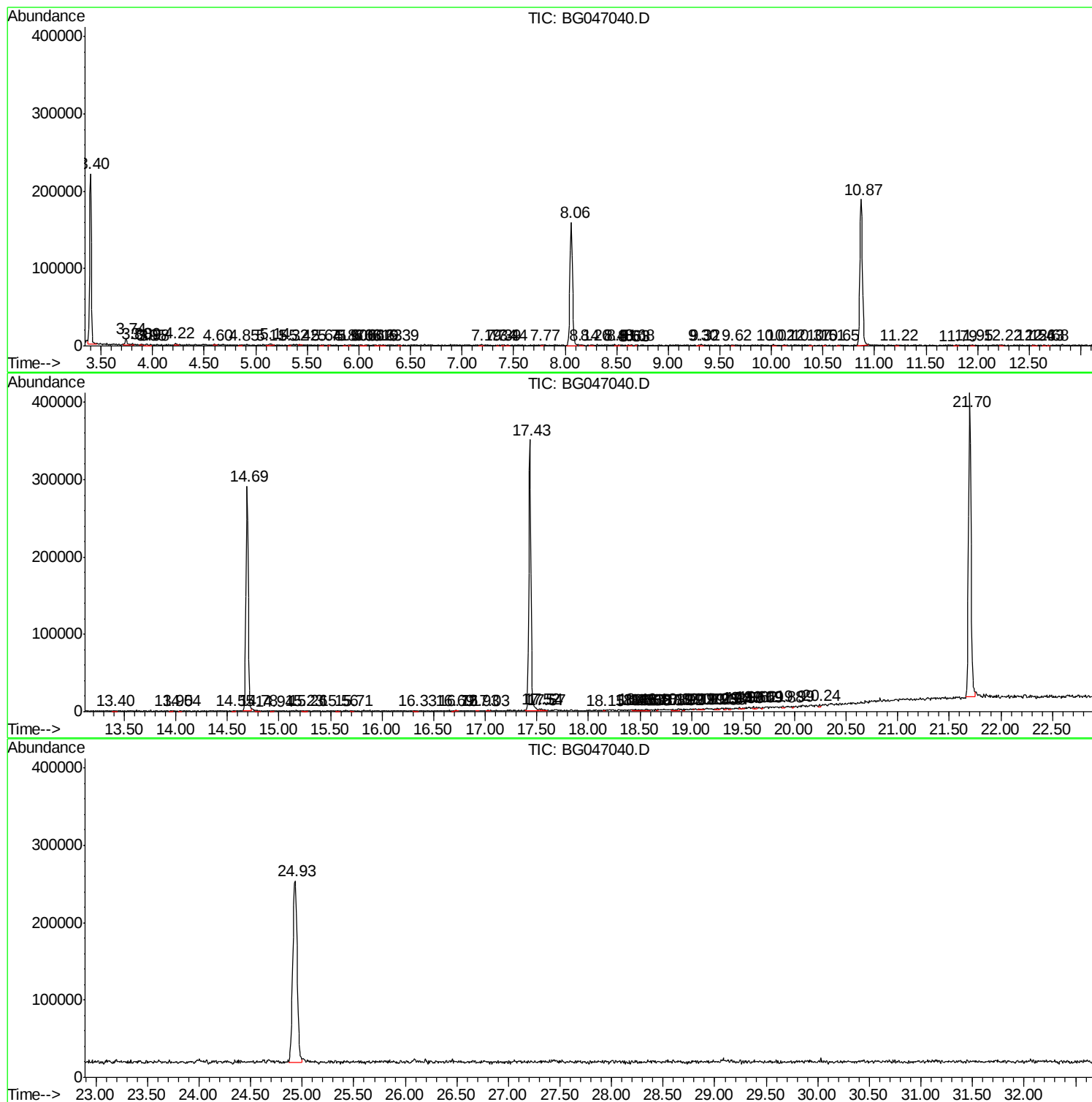
Sum of corrected areas: 3372809

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.M  
Quant Title : SVOA CALIBRATION

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



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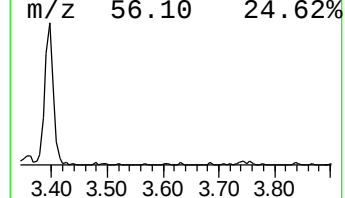
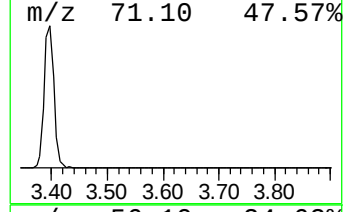
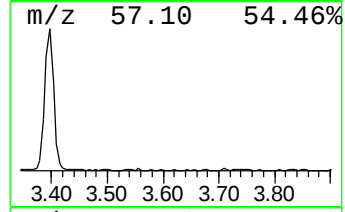
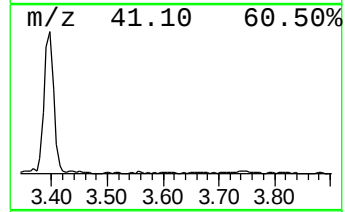
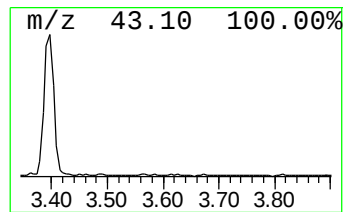
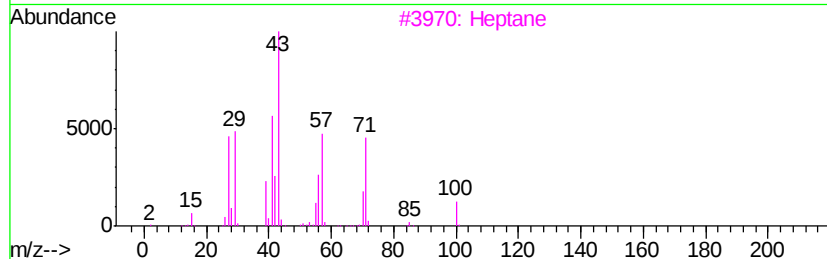
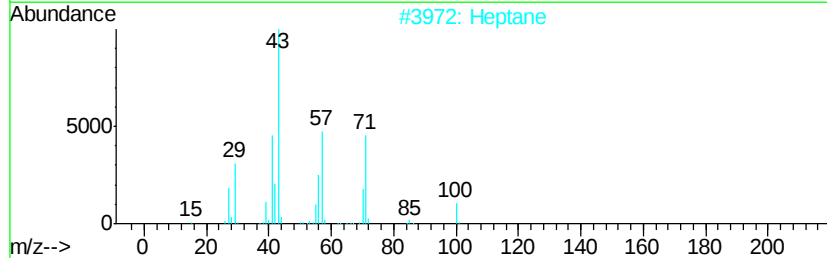
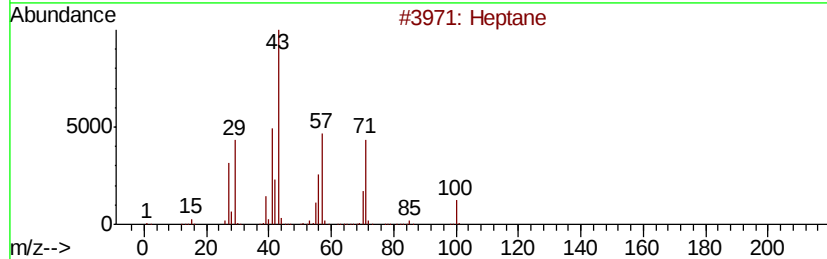
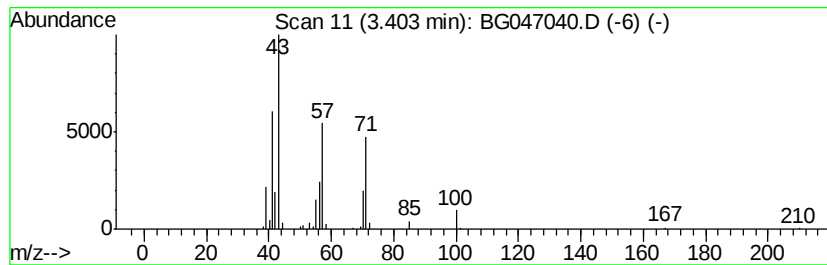
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.40 | 18.47 ng/ul | 255134 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Heptane                            | 100 | C7H16    | 000142-82-5  | 91   |
| 2    |    | Heptane                            | 100 | C7H16    | 000142-82-5  | 91   |
| 3    |    | Heptane                            | 100 | C7H16    | 000142-82-5  | 91   |
| 4    |    | Heptane                            | 100 | C7H16    | 000142-82-5  | 80   |
| 5    |    | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 45   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Str... | 3.40 | 18.5    | ng/ul | 255134   | 1                     | 8.06 | 276292 | 20.0 |