

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\  
 Data File : BG047633.D  
 Acq On : 8 Dec 2020 1:30  
 Operator : CG/JU  
 Sample : L4862-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0B56

## 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-BG120720MA.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         | 3.757       | 69            | 71          | 73           | rVB2     | 2761           | 1621          | 0.30%           | 0.037%        |
| 2         | 4.262       | 155           | 157         | 160          | rBV      | 2651           | 2221          | 0.41%           | 0.051%        |
| 3         | 4.309       | 163           | 165         | 170          | rVB2     | 2340           | 2910          | 0.54%           | 0.067%        |
| 4         | 4.392       | 178           | 179         | 184          | rVB2     | 1669           | 2044          | 0.38%           | 0.047%        |
| 5         | 4.433       | 184           | 186         | 190          | rBV3     | 1542           | 1509          | 0.28%           | 0.035%        |
| 6         | 4.468       | 190           | 192         | 194          | rBV      | 2141           | 1733          | 0.32%           | 0.040%        |
| 7         | 5.214       | 315           | 319         | 320          | rBV      | 1563           | 1824          | 0.34%           | 0.042%        |
| 8         | 5.255       | 323           | 326         | 331          | rVB2     | 3811           | 7224          | 1.34%           | 0.167%        |
| 9         | 5.332       | 336           | 339         | 340          | rBV2     | 2026           | 1877          | 0.35%           | 0.043%        |
| 10        | 5.567       | 375           | 379         | 383          | rBV2     | 1856           | 2487          | 0.46%           | 0.057%        |
| 11        | 5.637       | 389           | 391         | 393          | rVB2     | 2249           | 1699          | 0.31%           | 0.039%        |
| 12        | 6.219       | 488           | 490         | 495          | rVB2     | 1559           | 1827          | 0.34%           | 0.042%        |
| 13        | 6.419       | 523           | 524         | 527          | rBV2     | 1737           | 2053          | 0.38%           | 0.047%        |
| 14        | 6.483       | 532           | 535         | 538          | rBV2     | 1440           | 2002          | 0.37%           | 0.046%        |
| 15        | 6.683       | 566           | 569         | 570          | rBV2     | 1568           | 1625          | 0.30%           | 0.037%        |
| 16        | 6.883       | 601           | 603         | 608          | rVB      | 3978           | 5240          | 0.97%           | 0.121%        |
| 17        | 7.212       | 658           | 659         | 666          | rBV      | 2046           | 3087          | 0.57%           | 0.071%        |
| 18        | 7.347       | 677           | 682         | 688          | rBV2     | 38834          | 69528         | 12.86%          | 1.604%        |
| 19        | 7.523       | 707           | 712         | 720          | rVB      | 26068          | 40033         | 7.41%           | 0.924%        |
| 20        | 7.741       | 743           | 749         | 754          | rBV3     | 39068          | 66242         | 12.25%          | 1.529%        |
| 21        | 7.829       | 762           | 764         | 766          | rVB3     | 2898           | 1763          | 0.33%           | 0.041%        |
| 22        | 8.217       | 822           | 830         | 838          | rBV2     | 98466          | 174358        | 32.25%          | 4.023%        |
| 23        | 8.599       | 889           | 895         | 896          | rBV2     | 1628           | 2134          | 0.39%           | 0.049%        |
| 24        | 8.704       | 910           | 913         | 917          | rVB2     | 1517           | 1886          | 0.35%           | 0.044%        |
| 25        | 8.816       | 928           | 932         | 935          | rVB2     | 1239           | 1643          | 0.30%           | 0.038%        |
| 26        | 8.910       | 942           | 948         | 955          | rVB2     | 31124          | 57475         | 10.63%          | 1.326%        |
| 27        | 9.039       | 965           | 970         | 976          | rBV3     | 7452           | 13370         | 2.47%           | 0.309%        |
| 28        | 9.380       | 1022          | 1028        | 1035         | rVB3     | 37326          | 72119         | 13.34%          | 1.664%        |
| 29        | 9.744       | 1088          | 1090        | 1093         | rBV3     | 2913           | 2389          | 0.44%           | 0.055%        |
| 30        | 9.785       | 1095          | 1097        | 1102         | rVV      | 2706           | 4142          | 0.77%           | 0.096%        |
| 31        | 10.109      | 1147          | 1152        | 1162         | rVB3     | 39536          | 71725         | 13.27%          | 1.655%        |
| 32        | 10.208      | 1165          | 1169        | 1171         | rBV3     | 1306           | 1606          | 0.30%           | 0.037%        |
| 33        | 10.396      | 1197          | 1201        | 1202         | rVB3     | 1329           | 1549          | 0.29%           | 0.036%        |
| 34        | 10.455      | 1209          | 1211        | 1214         | rBV      | 2091           | 1959          | 0.36%           | 0.045%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 10.590 | 1232 | 1234 | 1236 | rBV  | 1901   | 1650   | 0.31%  | 0.038% |
| 36 | 10.649 | 1238 | 1244 | 1254 | rVB2 | 51894  | 95041  | 17.58% | 2.193% |
| 37 | 10.866 | 1278 | 1281 | 1282 | rBV2 | 1710   | 1637   | 0.30%  | 0.038% |
| 38 | 10.896 | 1282 | 1286 | 1288 | rVV  | 1159   | 1598   | 0.30%  | 0.037% |
| 39 | 11.043 | 1304 | 1311 | 1320 | rVB  | 124277 | 234287 | 43.34% | 5.406% |
| 40 | 11.166 | 1325 | 1332 | 1338 | rBV4 | 35679  | 66211  | 12.25% | 1.528% |
| 41 | 11.307 | 1354 | 1356 | 1360 | rVB4 | 1804   | 2269   | 0.42%  | 0.052% |
| 42 | 11.336 | 1360 | 1361 | 1366 | rBV4 | 2236   | 2366   | 0.44%  | 0.055% |
| 43 | 11.724 | 1424 | 1427 | 1429 | rBV4 | 1555   | 1611   | 0.30%  | 0.037% |
| 44 | 11.912 | 1458 | 1459 | 1463 | rBV4 | 1680   | 1781   | 0.33%  | 0.041% |
| 45 | 12.500 | 1554 | 1559 | 1561 | rVB4 | 1208   | 1667   | 0.31%  | 0.038% |
| 46 | 12.606 | 1573 | 1577 | 1579 | rBV  | 1911   | 2144   | 0.40%  | 0.049% |
| 47 | 12.946 | 1634 | 1635 | 1638 | rBV  | 1330   | 1540   | 0.28%  | 0.036% |
| 48 | 13.422 | 1714 | 1716 | 1717 | rBV  | 2020   | 1510   | 0.28%  | 0.035% |
| 49 | 13.593 | 1742 | 1745 | 1748 | rVB  | 1824   | 1927   | 0.36%  | 0.044% |
| 50 | 13.704 | 1762 | 1764 | 1765 | rBV  | 1746   | 1656   | 0.31%  | 0.038% |
| 51 | 13.722 | 1765 | 1767 | 1771 | rVB2 | 3980   | 4019   | 0.74%  | 0.093% |
| 52 | 13.881 | 1788 | 1794 | 1795 | rBV2 | 1570   | 2256   | 0.42%  | 0.052% |
| 53 | 14.121 | 1834 | 1835 | 1838 | rBV2 | 2400   | 1754   | 0.32%  | 0.040% |
| 54 | 14.163 | 1838 | 1842 | 1847 | rVV2 | 5547   | 8137   | 1.51%  | 0.188% |
| 55 | 14.227 | 1847 | 1853 | 1857 | rVV  | 106266 | 156261 | 28.91% | 3.606% |
| 56 | 14.268 | 1857 | 1860 | 1865 | rVV  | 35951  | 50386  | 9.32%  | 1.163% |
| 57 | 14.445 | 1889 | 1890 | 1893 | rBV  | 1562   | 1513   | 0.28%  | 0.035% |
| 58 | 14.527 | 1899 | 1904 | 1912 | rVB2 | 99137  | 163316 | 30.21% | 3.768% |
| 59 | 14.580 | 1912 | 1913 | 1916 | rBV2 | 2317   | 2369   | 0.44%  | 0.055% |
| 60 | 14.621 | 1918 | 1920 | 1923 | rVB2 | 1868   | 1805   | 0.33%  | 0.042% |
| 61 | 14.674 | 1923 | 1929 | 1932 | rBV2 | 3416   | 5091   | 0.94%  | 0.117% |
| 62 | 14.703 | 1932 | 1934 | 1939 | rVB2 | 1374   | 2250   | 0.42%  | 0.052% |
| 63 | 14.791 | 1942 | 1949 | 1951 | rBV3 | 29050  | 40891  | 7.56%  | 0.944% |
| 64 | 14.832 | 1951 | 1956 | 1963 | rVB2 | 215532 | 346398 | 64.08% | 7.993% |
| 65 | 14.897 | 1963 | 1967 | 1969 | rBV2 | 4977   | 4904   | 0.91%  | 0.113% |
| 66 | 14.932 | 1972 | 1973 | 1977 | rVB2 | 2632   | 1750   | 0.32%  | 0.040% |
| 67 | 15.003 | 1977 | 1985 | 1991 | rBV3 | 44635  | 78445  | 14.51% | 1.810% |
| 68 | 15.109 | 2001 | 2003 | 2006 | rVB3 | 2085   | 1626   | 0.30%  | 0.038% |
| 69 | 15.138 | 2006 | 2008 | 2009 | rBV3 | 3738   | 2786   | 0.52%  | 0.064% |
| 70 | 15.420 | 2055 | 2056 | 2061 | rBV3 | 1610   | 2171   | 0.40%  | 0.050% |
| 71 | 15.655 | 2094 | 2096 | 2098 | rBV3 | 1857   | 1869   | 0.35%  | 0.043% |

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 72  | 15.819 | 2118 | 2124 | 2131 | rBV  | 143236 | 217634 | 40.26%  | 5.022%  |
| 73  | 15.925 | 2137 | 2142 | 2148 | rBV2 | 50209  | 76634  | 14.18%  | 1.768%  |
| 74  | 16.049 | 2159 | 2163 | 2168 | rBV  | 2965   | 4880   | 0.90%   | 0.113%  |
| 75  | 16.148 | 2179 | 2180 | 2185 | rVB  | 4435   | 3382   | 0.63%   | 0.078%  |
| 76  | 16.295 | 2201 | 2205 | 2209 | rBV5 | 9417   | 11172  | 2.07%   | 0.258%  |
| 77  | 16.384 | 2217 | 2220 | 2223 | rBV  | 3364   | 4865   | 0.90%   | 0.112%  |
| 78  | 16.801 | 2288 | 2291 | 2293 | rBV3 | 2264   | 1846   | 0.34%   | 0.043%  |
| 79  | 16.924 | 2309 | 2312 | 2314 | rBV3 | 1778   | 2172   | 0.40%   | 0.050%  |
| 80  | 17.030 | 2329 | 2330 | 2334 | rVB  | 2336   | 2157   | 0.40%   | 0.050%  |
| 81  | 17.141 | 2347 | 2349 | 2350 | rVB  | 2943   | 1544   | 0.29%   | 0.036%  |
| 82  | 17.171 | 2350 | 2354 | 2356 | rVB  | 2398   | 2348   | 0.43%   | 0.054%  |
| 83  | 17.224 | 2361 | 2363 | 2366 | rBV  | 2058   | 2315   | 0.43%   | 0.053%  |
| 84  | 17.294 | 2373 | 2375 | 2380 | rBV2 | 3856   | 5074   | 0.94%   | 0.117%  |
| 85  | 17.382 | 2388 | 2390 | 2393 | rVB  | 2714   | 2165   | 0.40%   | 0.050%  |
| 86  | 17.465 | 2400 | 2404 | 2406 | rVB  | 1863   | 1980   | 0.37%   | 0.046%  |
| 87  | 17.570 | 2415 | 2422 | 2427 | rBV  | 330932 | 504333 | 93.30%  | 11.637% |
| 88  | 17.670 | 2433 | 2439 | 2447 | rVB  | 165184 | 260040 | 48.11%  | 6.000%  |
| 89  | 17.811 | 2459 | 2463 | 2465 | rBV  | 2859   | 2619   | 0.48%   | 0.060%  |
| 90  | 18.252 | 2534 | 2538 | 2540 | rVB2 | 2760   | 3500   | 0.65%   | 0.081%  |
| 91  | 18.440 | 2566 | 2570 | 2574 | rVB2 | 4755   | 7422   | 1.37%   | 0.171%  |
| 92  | 18.816 | 2633 | 2634 | 2635 | rBV  | 2874   | 1785   | 0.33%   | 0.041%  |
| 93  | 18.922 | 2649 | 2652 | 2653 | rBV  | 6382   | 5918   | 1.09%   | 0.137%  |
| 94  | 19.163 | 2691 | 2693 | 2695 | rBV2 | 4116   | 3388   | 0.63%   | 0.078%  |
| 95  | 19.215 | 2701 | 2702 | 2703 | rBV  | 5552   | 3015   | 0.56%   | 0.070%  |
| 96  | 19.433 | 2738 | 2739 | 2741 | rBV  | 5654   | 2455   | 0.45%   | 0.057%  |
| 97  | 19.603 | 2764 | 2768 | 2774 | rVB  | 107429 | 148659 | 27.50%  | 3.430%  |
| 98  | 19.938 | 2820 | 2825 | 2829 | rBV  | 246926 | 398379 | 73.70%  | 9.192%  |
| 99  | 21.278 | 3049 | 3053 | 3060 | rVB  | 130911 | 185720 | 34.36%  | 4.285%  |
| 100 | 21.848 | 3144 | 3150 | 3155 | rBV  | 304936 | 540565 | 100.00% | 12.473% |

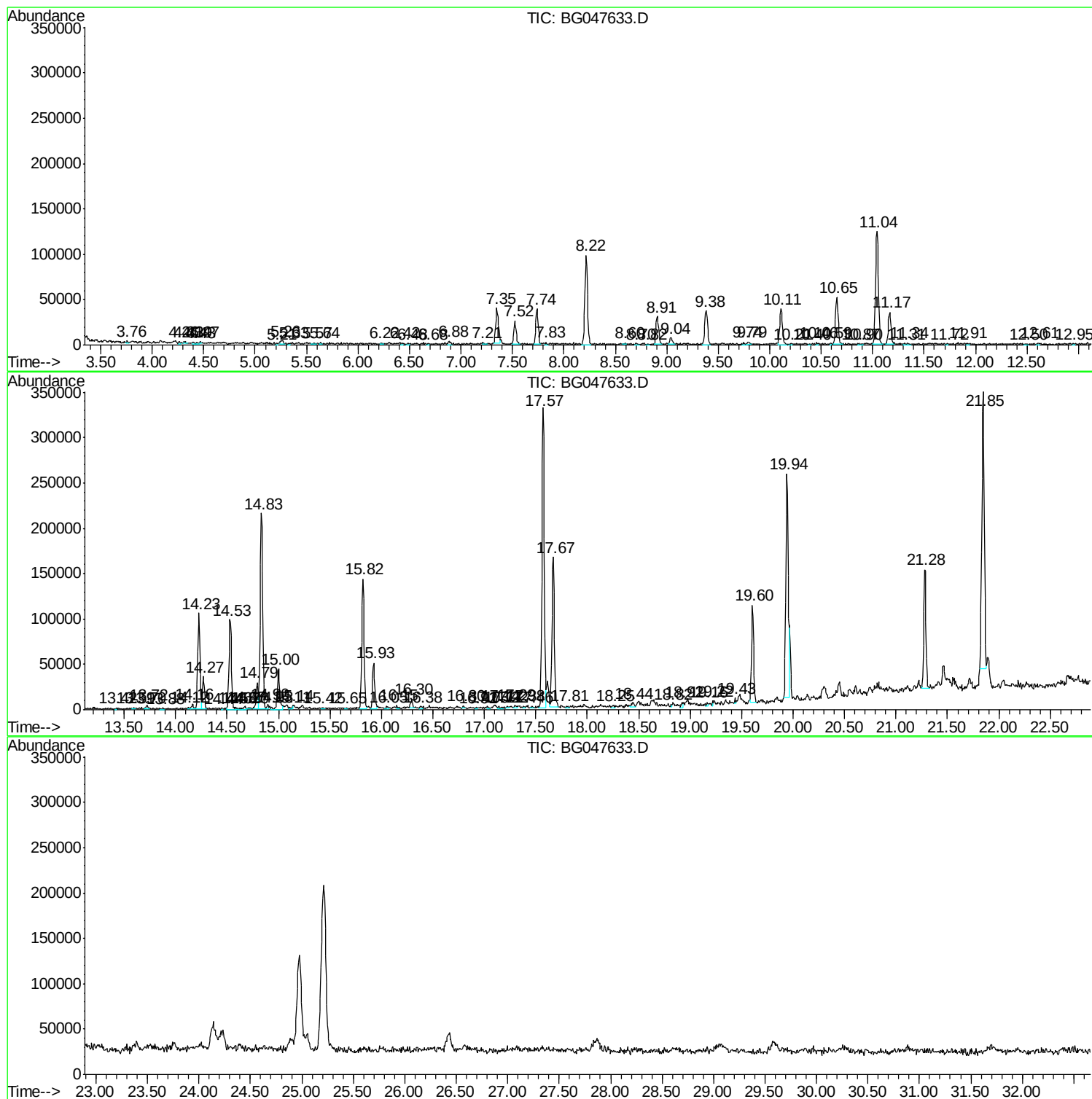
Sum of corrected areas: 4333762

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG120720MA.M  
Quant Title : SVOA CALIBRATION

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



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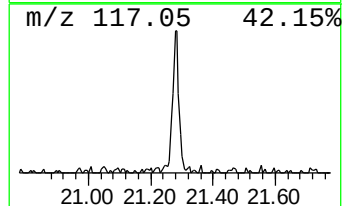
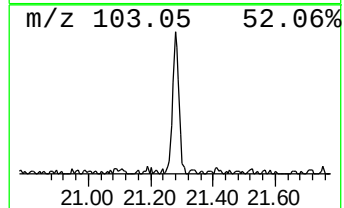
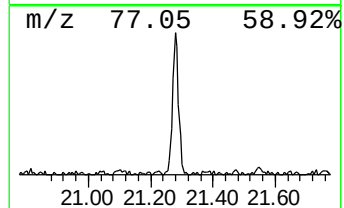
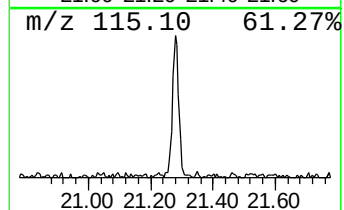
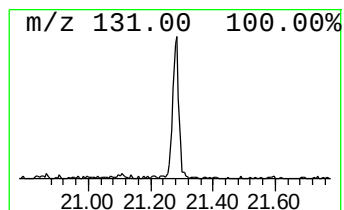
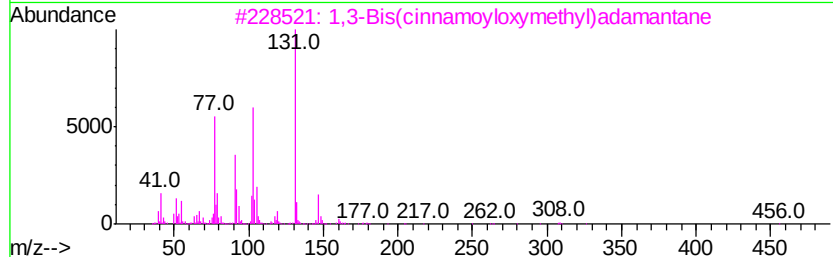
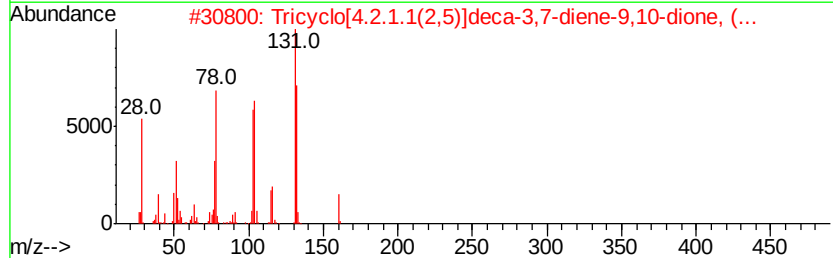
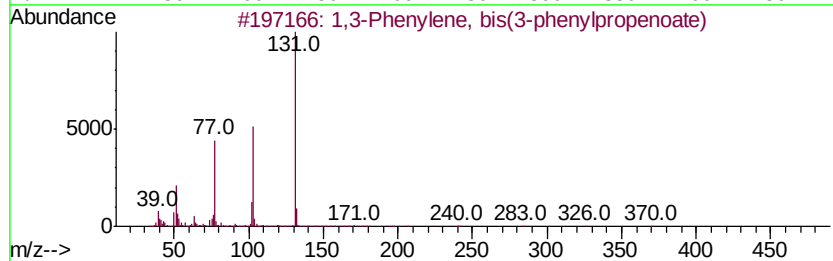
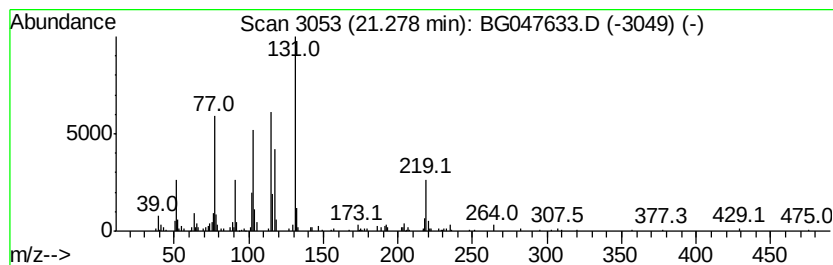
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.28 | 6.87 ng/ul | 185720 | Chrysene-d12     | 21.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1,3-Phenylene, bis(3-phenylprope... | 370 | C24H18O4  | 1000259-62-4 | 46   |
| 2    |    | Tricyclo[4.2.1.1(2,5)]deca-3,7-d... | 160 | C10H8O2   | 014224-65-8  | 43   |
| 3    |    | 1,3-Bis(cinnamoyloxymethyl)adama... | 456 | C30H32O4  | 303797-58-2  | 43   |
| 4    |    | trans-1-Cinnamoylimidazole          | 198 | C12H10N2O | 001138-15-4  | 43   |
| 5    |    | Benzoic acid, 2-(1-methylethyl)-    | 164 | C10H12O2  | 002438-04-2  | 43   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 21.28 | 6.9     | ng/ul | 185720   | 5                     | 21.85 | 540565 | 20.0 |