

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\  
 Data File : BM028171.D  
 Acq On : 18 Dec 2020 22:53  
 Operator : JU/CG  
 Sample : L5068-18  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A54H6

## 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-BM121520MA.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         | 3.422       | 36            | 40          | 48           | rVB      | 15857          | 24491         | 1.73%           | 0.139%        |
| 2         | 3.763       | 94            | 98          | 100          | rBV5     | 1696           | 2847          | 0.20%           | 0.016%        |
| 3         | 3.993       | 133           | 137         | 144          | rVB6     | 4556           | 7377          | 0.52%           | 0.042%        |
| 4         | 4.081       | 149           | 152         | 155          | rBV4     | 1863           | 2183          | 0.15%           | 0.012%        |
| 5         | 4.228       | 171           | 177         | 186          | rBV      | 231449         | 339595        | 23.93%          | 1.928%        |
| 6         | 4.475       | 213           | 219         | 224          | rVB4     | 4375           | 7138          | 0.50%           | 0.041%        |
| 7         | 4.910       | 289           | 293         | 298          | rVB4     | 2995           | 4490          | 0.32%           | 0.025%        |
| 8         | 5.234       | 345           | 348         | 354          | rVB2     | 3609           | 5057          | 0.36%           | 0.029%        |
| 9         | 5.781       | 438           | 441         | 444          | rBV3     | 1153           | 1538          | 0.11%           | 0.009%        |
| 10        | 6.163       | 504           | 506         | 512          | rVB4     | 2079           | 2811          | 0.20%           | 0.016%        |
| 11        | 6.245       | 515           | 520         | 526          | rVB5     | 4101           | 6973          | 0.49%           | 0.040%        |
| 12        | 7.163       | 668           | 676         | 677          | rBV3     | 1449           | 2359          | 0.17%           | 0.013%        |
| 13        | 7.345       | 699           | 707         | 717          | rVB2     | 242920         | 448628        | 31.62%          | 2.548%        |
| 14        | 7.469       | 722           | 728         | 730          | rBV5     | 825            | 1735          | 0.12%           | 0.010%        |
| 15        | 7.522       | 730           | 737         | 748          | rBV      | 190652         | 302515        | 21.32%          | 1.718%        |
| 16        | 7.728       | 766           | 772         | 779          | rBV      | 262587         | 414012        | 29.18%          | 2.351%        |
| 17        | 7.798       | 779           | 784         | 792          | rVB2     | 12086          | 23378         | 1.65%           | 0.133%        |
| 18        | 7.992       | 812           | 817         | 822          | rBV4     | 2187           | 4604          | 0.32%           | 0.026%        |
| 19        | 8.210       | 846           | 854         | 860          | rBV      | 407918         | 651775        | 45.93%          | 3.701%        |
| 20        | 8.263       | 860           | 863         | 867          | rVB2     | 3268           | 4737          | 0.33%           | 0.027%        |
| 21        | 8.445       | 885           | 894         | 899          | rBV5     | 3647           | 7206          | 0.51%           | 0.041%        |
| 22        | 8.910       | 966           | 973         | 982          | rBV      | 285311         | 448917        | 31.64%          | 2.549%        |
| 23        | 9.039       | 991           | 995         | 1000         | rVB5     | 1350           | 2539          | 0.18%           | 0.014%        |
| 24        | 9.381       | 1046          | 1053        | 1061         | rBV      | 221694         | 360832        | 25.43%          | 2.049%        |
| 25        | 9.539       | 1075          | 1080        | 1087         | rBV4     | 2356           | 4154          | 0.29%           | 0.024%        |
| 26        | 9.775       | 1116          | 1120        | 1125         | rVB      | 8614           | 11966         | 0.84%           | 0.068%        |
| 27        | 10.110      | 1170          | 1177        | 1185         | rVB      | 177838         | 288775        | 20.35%          | 1.640%        |
| 28        | 10.645      | 1261          | 1268        | 1279         | rBV      | 283606         | 458440        | 32.31%          | 2.603%        |
| 29        | 10.792      | 1288          | 1293        | 1297         | rVB4     | 1214           | 1859          | 0.13%           | 0.011%        |
| 30        | 11.033      | 1327          | 1334        | 1342         | rBV      | 517524         | 875033        | 61.66%          | 4.969%        |
| 31        | 11.163      | 1348          | 1356        | 1367         | rBV      | 263355         | 435283        | 30.67%          | 2.472%        |
| 32        | 11.780      | 1459          | 1461        | 1465         | rBV2     | 1283           | 1516          | 0.11%           | 0.009%        |
| 33        | 12.498      | 1580          | 1583        | 1586         | rBV3     | 1325           | 1790          | 0.13%           | 0.010%        |
| 34        | 12.604      | 1598          | 1601        | 1606         | rBV3     | 4432           | 6549          | 0.46%           | 0.037%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 13.198 | 1698 | 1702 | 1705 | rBV3 | 2106   | 3081    | 0.22%  | 0.017% |
| 36 | 13.439 | 1739 | 1743 | 1748 | rBV6 | 3658   | 5691    | 0.40%  | 0.032% |
| 37 | 13.645 | 1773 | 1778 | 1783 | rBV5 | 3838   | 6161    | 0.43%  | 0.035% |
| 38 | 13.716 | 1785 | 1790 | 1794 | rVV2 | 3731   | 5131    | 0.36%  | 0.029% |
| 39 | 14.227 | 1871 | 1877 | 1882 | rBV  | 458056 | 644727  | 45.43% | 3.661% |
| 40 | 14.274 | 1882 | 1885 | 1891 | rVB  | 80569  | 109221  | 7.70%  | 0.620% |
| 41 | 14.527 | 1922 | 1928 | 1938 | rVB  | 520727 | 762335  | 53.72% | 4.329% |
| 42 | 14.704 | 1955 | 1958 | 1962 | rVB2 | 3828   | 5218    | 0.37%  | 0.030% |
| 43 | 14.833 | 1973 | 1980 | 1987 | rBV  | 756448 | 1070465 | 75.44% | 6.079% |
| 44 | 14.963 | 1997 | 2002 | 2003 | rBV3 | 1762   | 2368    | 0.17%  | 0.013% |
| 45 | 14.998 | 2003 | 2008 | 2016 | rVV  | 180492 | 267225  | 18.83% | 1.518% |
| 46 | 15.074 | 2016 | 2021 | 2029 | rVB  | 65596  | 103351  | 7.28%  | 0.587% |
| 47 | 15.204 | 2039 | 2043 | 2049 | rVB5 | 1954   | 3871    | 0.27%  | 0.022% |
| 48 | 15.427 | 2076 | 2081 | 2084 | rBV5 | 1751   | 2263    | 0.16%  | 0.013% |
| 49 | 15.598 | 2105 | 2110 | 2116 | rBV3 | 2925   | 5474    | 0.39%  | 0.031% |
| 50 | 15.645 | 2116 | 2118 | 2122 | rVV3 | 3060   | 4092    | 0.29%  | 0.023% |
| 51 | 15.815 | 2139 | 2147 | 2154 | rVB  | 664971 | 934959  | 65.89% | 5.309% |
| 52 | 15.921 | 2159 | 2165 | 2174 | rBV  | 197689 | 267774  | 18.87% | 1.521% |
| 53 | 16.051 | 2182 | 2187 | 2191 | rVB2 | 6751   | 8684    | 0.61%  | 0.049% |
| 54 | 16.157 | 2200 | 2205 | 2206 | rBV3 | 1273   | 2090    | 0.15%  | 0.012% |
| 55 | 16.192 | 2208 | 2211 | 2213 | rBV3 | 1587   | 1576    | 0.11%  | 0.009% |
| 56 | 16.433 | 2248 | 2252 | 2258 | rBV5 | 8473   | 12421   | 0.88%  | 0.071% |
| 57 | 16.498 | 2262 | 2263 | 2268 | rVB3 | 1954   | 1954    | 0.14%  | 0.011% |
| 58 | 16.586 | 2276 | 2278 | 2282 | rVB2 | 2547   | 2786    | 0.20%  | 0.016% |
| 59 | 16.674 | 2291 | 2293 | 2297 | rBV2 | 1422   | 1902    | 0.13%  | 0.011% |
| 60 | 16.774 | 2306 | 2310 | 2314 | rBV3 | 3987   | 5719    | 0.40%  | 0.032% |
| 61 | 16.845 | 2318 | 2322 | 2323 | rBV4 | 1282   | 1611    | 0.11%  | 0.009% |
| 62 | 17.033 | 2352 | 2354 | 2357 | rVB3 | 1454   | 1477    | 0.10%  | 0.008% |
| 63 | 17.286 | 2394 | 2397 | 2401 | rVB3 | 2339   | 2615    | 0.18%  | 0.015% |
| 64 | 17.339 | 2403 | 2406 | 2411 | rVV3 | 3054   | 4375    | 0.31%  | 0.025% |
| 65 | 17.551 | 2436 | 2442 | 2449 | rBV  | 883992 | 1199868 | 84.56% | 6.814% |
| 66 | 17.651 | 2453 | 2459 | 2474 | rVV  | 751111 | 1022676 | 72.07% | 5.808% |
| 67 | 17.868 | 2493 | 2496 | 2498 | rBV4 | 1329   | 1768    | 0.12%  | 0.010% |
| 68 | 18.127 | 2537 | 2540 | 2541 | rBV2 | 1813   | 1846    | 0.13%  | 0.010% |
| 69 | 18.403 | 2582 | 2587 | 2594 | rBV  | 64838  | 93407   | 6.58%  | 0.530% |
| 70 | 18.833 | 2656 | 2660 | 2663 | rBV6 | 2941   | 5251    | 0.37%  | 0.030% |
| 71 | 19.439 | 2761 | 2763 | 2766 | rBV4 | 3409   | 4205    | 0.30%  | 0.024% |

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Sampling : 1  
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Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 72 | 19.550 | 2779 | 2782 | 2784 | rBV3 | 7674    | 8293    | 0.58%   | 0.047% |
| 73 | 19.656 | 2797 | 2800 | 2805 | rBV4 | 17513   | 24836   | 1.75%   | 0.141% |
| 74 | 19.909 | 2837 | 2843 | 2851 | rBV  | 937449  | 1305040 | 91.97%  | 7.411% |
| 75 | 21.350 | 3084 | 3088 | 3096 | rBV  | 229384  | 337229  | 23.76%  | 1.915% |
| 76 | 21.662 | 3136 | 3141 | 3147 | rBV  | 1058739 | 1375889 | 96.96%  | 7.813% |
| 77 | 23.874 | 3511 | 3517 | 3527 | rVB  | 720480  | 1419016 | 100.00% | 8.058% |
| 78 | 24.027 | 3537 | 3543 | 3552 | rVB2 | 728848  | 1396427 | 98.41%  | 7.930% |

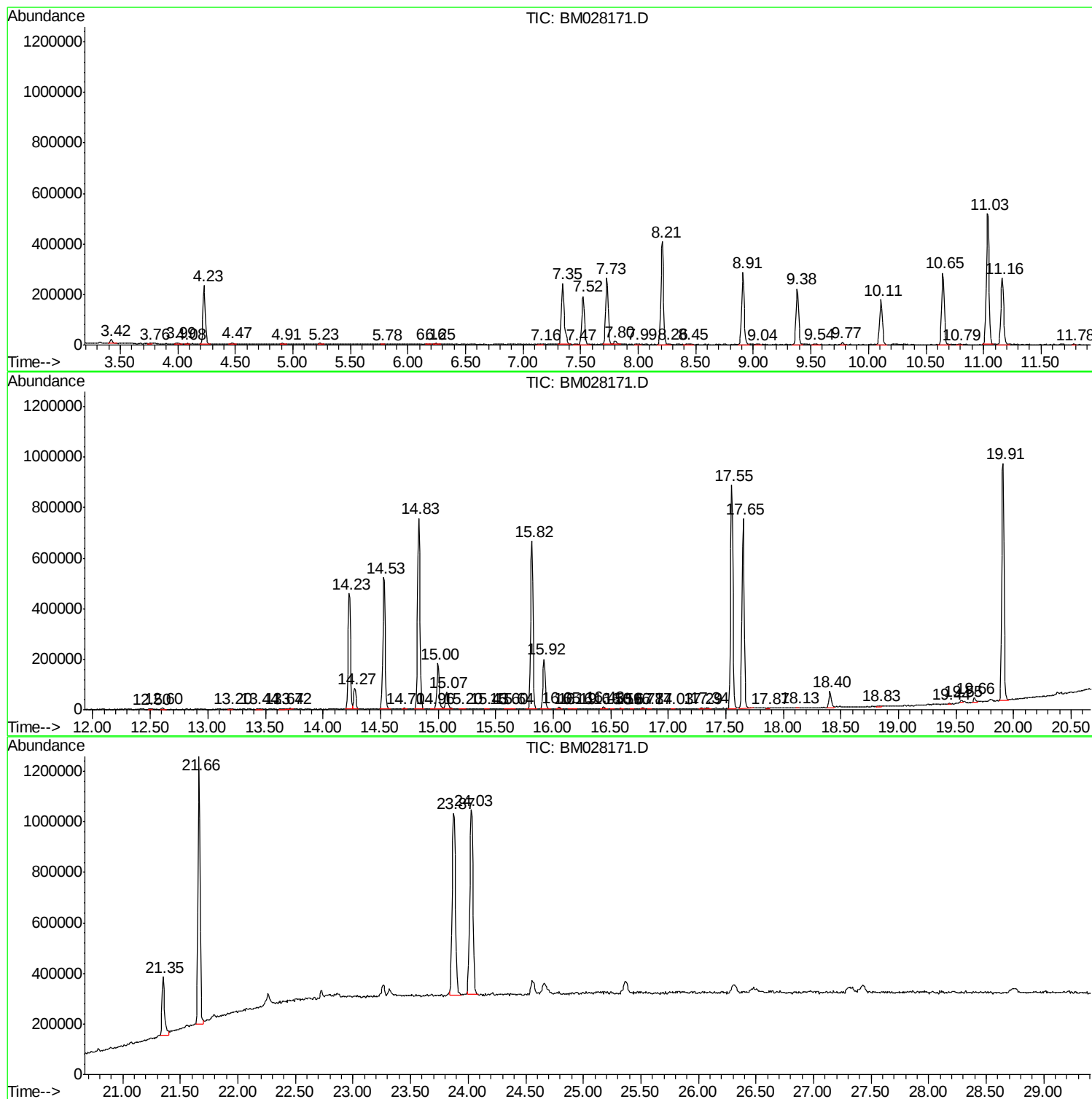
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Instrument :  
BNA\_M  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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



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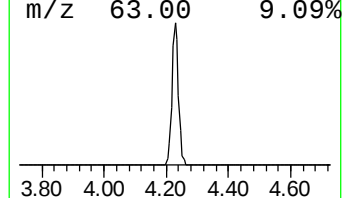
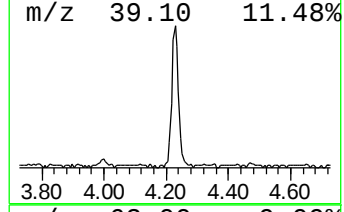
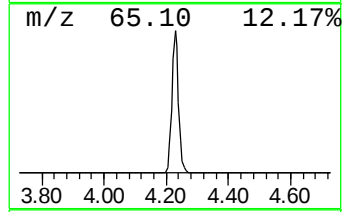
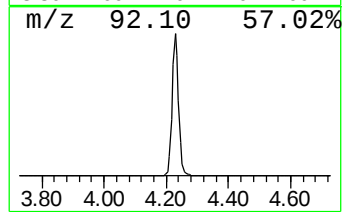
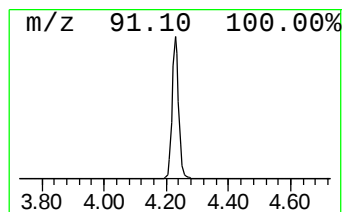
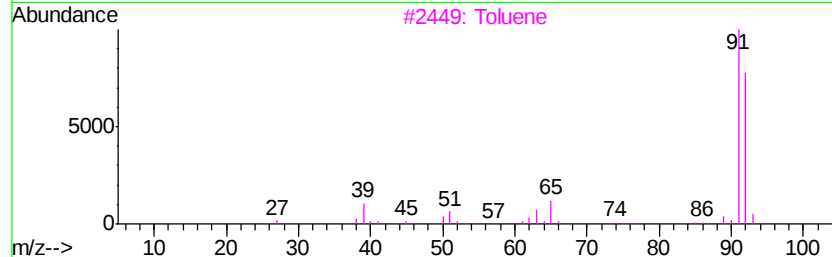
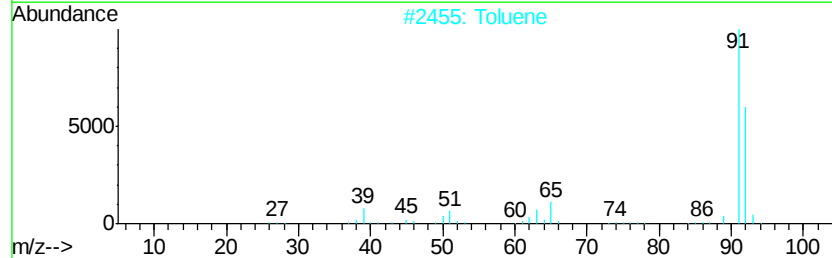
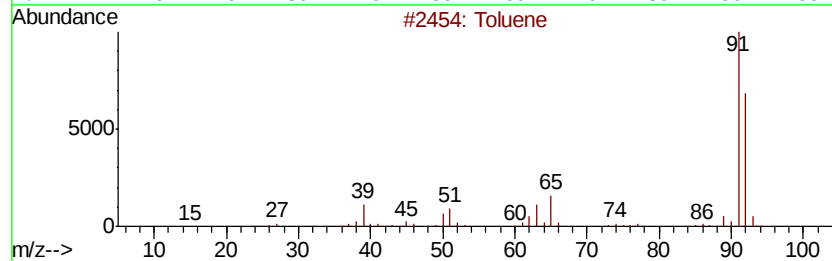
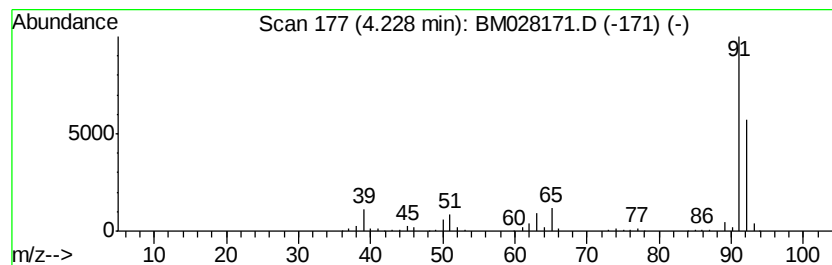
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Toluene Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 4.23 | 10.42 ng/ul | 339595 | 1,4-Dichlorobenzene-d4 | 8.21 |

| Hit# | of | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|--------------|----|---------|-------------|------|
| 1    | 5  | Toluene      | 92 | C7H8    | 000108-88-3 | 95   |
| 2    |    | Toluene      | 92 | C7H8    | 000108-88-3 | 95   |
| 3    |    | Toluene      | 92 | C7H8    | 000108-88-3 | 94   |
| 4    |    | Toluene      | 92 | C7H8    | 000108-88-3 | 91   |
| 5    |    | Toluene      | 92 | C7H8    | 000108-88-3 | 91   |



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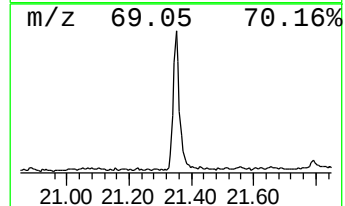
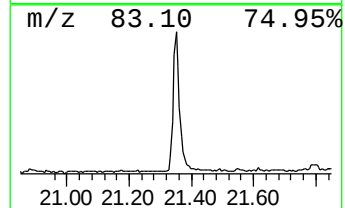
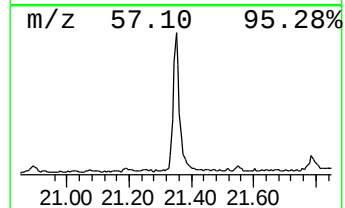
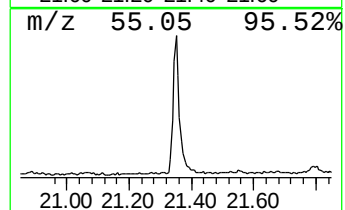
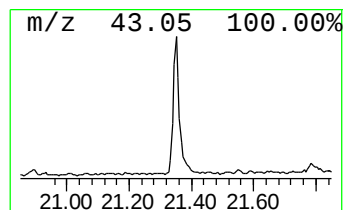
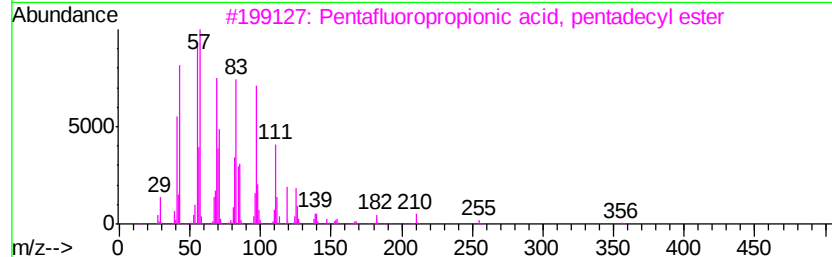
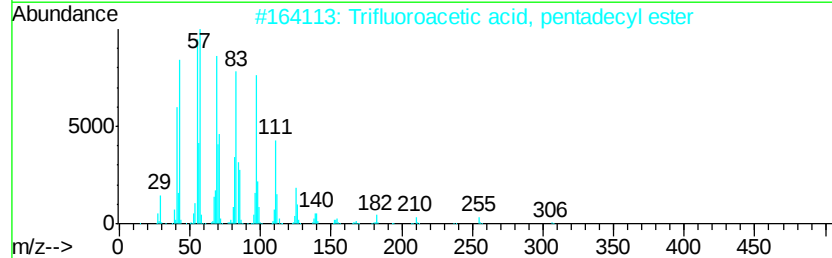
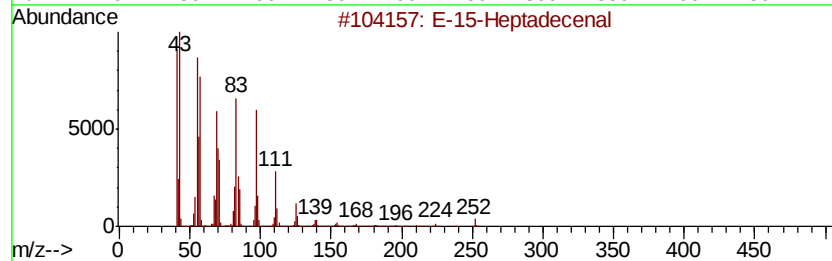
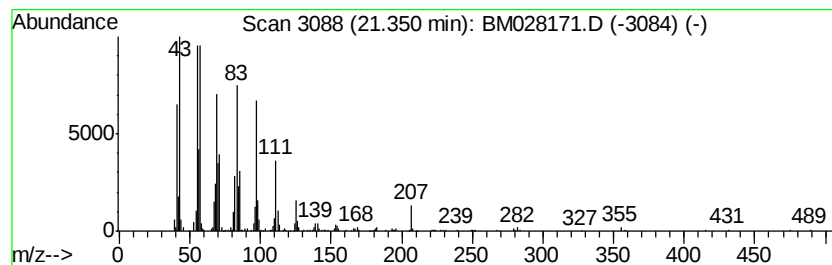
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 E-15-Heptadecenal Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.35 | 4.90 ng/ul | 337229 | Chrysene-d12     | 21.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | E-15-Heptadecenal                   | 252 | C17H32O    | 1000130-97-9 | 95   |
| 2    |    | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2  | 94   |
| 3    |    | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1  | 94   |
| 4    |    | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7  | 94   |
| 5    |    | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5  | 94   |



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| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                   |       |         |       |          | #                     | RT    | Resp    | Conc |
| Toluene           | 4.23  | 10.4    | ng/ul | 339595   | 1                     | 8.21  | 651775  | 20.0 |
| E-15-Heptadecenal | 21.35 | 4.9     | ng/ul | 337229   | 5                     | 21.66 | 1375890 | 20.0 |