

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070621\  
 Data File : BM030841.D  
 Acq On : 07 Jul 2021 04:51  
 Operator : CG/JU  
 Sample : M2854-19  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDW3

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : 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\SFAM-EPA-BM070621.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM030841.D

| 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         | 3.263       | 26            | 30          | 38           | rVB      | 12318          | 19943         | 1.40%           | 0.117%        |
| 2         | 3.704       | 102           | 105         | 113          | rBV      | 22528          | 53611         | 3.76%           | 0.314%        |
| 3         | 3.775       | 113           | 117         | 123          | rVB2     | 14746          | 26871         | 1.88%           | 0.157%        |
| 4         | 3.987       | 148           | 153         | 160          | rVB2     | 8506           | 13335         | 0.94%           | 0.078%        |
| 5         | 4.540       | 243           | 247         | 251          | rVB4     | 2830           | 4394          | 0.31%           | 0.026%        |
| 6         | 4.934       | 311           | 314         | 318          | rVB4     | 1749           | 1437          | 0.10%           | 0.008%        |
| 7         | 5.051       | 332           | 334         | 339          | rVB6     | 2180           | 2317          | 0.16%           | 0.014%        |
| 8         | 5.234       | 362           | 365         | 368          | rBV5     | 1269           | 1857          | 0.13%           | 0.011%        |
| 9         | 5.416       | 394           | 396         | 398          | rBV2     | 2446           | 2637          | 0.18%           | 0.015%        |
| 10        | 5.787       | 455           | 459         | 464          | rBV5     | 2662           | 3377          | 0.24%           | 0.020%        |
| 11        | 6.757       | 620           | 624         | 630          | rVB3     | 4538           | 7251          | 0.51%           | 0.042%        |
| 12        | 6.934       | 646           | 654         | 662          | rBV      | 217588         | 363513        | 25.49%          | 2.127%        |
| 13        | 7.098       | 676           | 682         | 694          | rBV      | 171946         | 292686        | 20.52%          | 1.713%        |
| 14        | 7.298       | 709           | 716         | 725          | rBV      | 237752         | 386603        | 27.11%          | 2.262%        |
| 15        | 7.381       | 727           | 730         | 736          | rVB4     | 4646           | 6729          | 0.47%           | 0.039%        |
| 16        | 7.604       | 765           | 768         | 771          | rVB3     | 1740           | 2199          | 0.15%           | 0.013%        |
| 17        | 7.763       | 787           | 795         | 804          | rBV      | 392738         | 629299        | 44.12%          | 3.682%        |
| 18        | 7.834       | 804           | 807         | 811          | rVV4     | 3189           | 4746          | 0.33%           | 0.028%        |
| 19        | 7.887       | 813           | 816         | 822          | rVB2     | 3462           | 4995          | 0.35%           | 0.029%        |
| 20        | 7.987       | 828           | 833         | 840          | rBV2     | 12513          | 21291         | 1.49%           | 0.125%        |
| 21        | 8.175       | 860           | 865         | 870          | rVB4     | 1621           | 2593          | 0.18%           | 0.015%        |
| 22        | 8.239       | 873           | 876         | 880          | rVV3     | 2981           | 4349          | 0.30%           | 0.025%        |
| 23        | 8.298       | 880           | 886         | 889          | rVV2     | 9040           | 14571         | 1.02%           | 0.085%        |
| 24        | 8.328       | 889           | 891         | 897          | rVB3     | 3454           | 4588          | 0.32%           | 0.027%        |
| 25        | 8.463       | 902           | 914         | 927          | rBV      | 213039         | 379669        | 26.62%          | 2.221%        |
| 26        | 8.598       | 933           | 937         | 939          | rBV3     | 2567           | 3697          | 0.26%           | 0.022%        |
| 27        | 8.628       | 941           | 942         | 948          | rVB4     | 2166           | 3278          | 0.23%           | 0.019%        |
| 28        | 8.922       | 985           | 992         | 1004         | rBV      | 206078         | 364440        | 25.55%          | 2.132%        |
| 29        | 9.086       | 1016          | 1020        | 1024         | rBV6     | 2194           | 3005          | 0.21%           | 0.018%        |
| 30        | 9.328       | 1057          | 1061        | 1067         | rVB5     | 1957           | 3531          | 0.25%           | 0.021%        |
| 31        | 9.639       | 1107          | 1114        | 1124         | rBV      | 170110         | 292022        | 20.48%          | 1.709%        |
| 32        | 10.175      | 1197          | 1205        | 1222         | rBV      | 238747         | 457136        | 32.05%          | 2.675%        |
| 33        | 10.392      | 1234          | 1242        | 1248         | rBV4     | 4654           | 12155         | 0.85%           | 0.071%        |
| 34        | 10.545      | 1261          | 1268        | 1281         | rVB      | 532458         | 895367        | 62.78%          | 5.239%        |
| 35        | 10.692      | 1286          | 1293        | 1312         | rBV      | 201761         | 418449        | 29.34%          | 2.448%        |
| 36        | 12.139      | 1536          | 1539        | 1546         | rVB3     | 3708           | 5984          | 0.42%           | 0.035%        |

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 BGDW3

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

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|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 12.751 | 1639 | 1643 | 1647 | rVB3 | 1768 | 2947 | 0.21% | 0.017% |
| 38 | 13.004 | 1681 | 1686 | 1691 | rBV3 | 2322 | 3458 | 0.24% | 0.020% |
| 39 | 13.221 | 1715 | 1723 | 1725 | rBV5 | 2948 | 5277 | 0.37% | 0.031% |
| 40 | 13.292 | 1732 | 1735 | 1740 | rVB4 | 1520 | 2226 | 0.16% | 0.013% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 13.369 | 1743 | 1748 | 1751 | rBV4 | 1153   | 2307   | 0.16%  | 0.013% |
| 42 | 13.804 | 1816 | 1822 | 1833 | rBV  | 496933 | 727049 | 50.98% | 4.254% |
| 43 | 13.910 | 1838 | 1840 | 1844 | rVB4 | 1477   | 2190   | 0.15%  | 0.013% |
| 44 | 14.086 | 1859 | 1870 | 1881 | rBV  | 568065 | 862367 | 60.47% | 5.046% |
| 45 | 14.292 | 1899 | 1905 | 1910 | rVB  | 3926   | 6058   | 0.42%  | 0.035% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 46 | 14.392 | 1915 | 1922 | 1930 | rBV  | 847222 | 1222348 | 85.71% | 7.152% |
| 47 | 14.610 | 1952 | 1959 | 1972 | rBV  | 77795  | 212721  | 14.92% | 1.245% |
| 48 | 14.733 | 1978 | 1980 | 1987 | rVB6 | 2986   | 4988    | 0.35%  | 0.029% |
| 49 | 14.827 | 1992 | 1996 | 1997 | rBV3 | 2064   | 1953    | 0.14%  | 0.011% |
| 50 | 14.910 | 2006 | 2010 | 2016 | rVV5 | 1397   | 2735    | 0.19%  | 0.016% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 51 | 14.986 | 2020 | 2023 | 2026 | rVB4 | 1527   | 1881    | 0.13%  | 0.011% |
| 52 | 15.027 | 2029 | 2030 | 2035 | rVB4 | 1569   | 1623    | 0.11%  | 0.009% |
| 53 | 15.186 | 2052 | 2057 | 2060 | rBV5 | 2011   | 2610    | 0.18%  | 0.015% |
| 54 | 15.245 | 2063 | 2067 | 2072 | rVB2 | 4947   | 6230    | 0.44%  | 0.036% |
| 55 | 15.386 | 2084 | 2091 | 2106 | rBV  | 784907 | 1139606 | 79.91% | 6.668% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 15.510 | 2107 | 2112 | 2122 | rBV  | 140916 | 233118 | 16.35% | 1.364% |
| 57 | 15.627 | 2128 | 2132 | 2138 | rVB5 | 10076  | 14780  | 1.04%  | 0.086% |
| 58 | 15.810 | 2156 | 2163 | 2167 | rBV4 | 4952   | 7695   | 0.54%  | 0.045% |
| 59 | 16.045 | 2197 | 2203 | 2205 | rBV6 | 2173   | 4124   | 0.29%  | 0.024% |
| 60 | 16.104 | 2210 | 2213 | 2215 | rBV2 | 2739   | 2750   | 0.19%  | 0.016% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 16.168 | 2221 | 2224 | 2230 | rVB2 | 10000 | 11957 | 0.84% | 0.070% |
| 62 | 16.280 | 2239 | 2243 | 2247 | rVB7 | 3646  | 6245  | 0.44% | 0.037% |
| 63 | 16.368 | 2253 | 2258 | 2263 | rVV3 | 6210  | 9597  | 0.67% | 0.056% |
| 64 | 16.451 | 2263 | 2272 | 2275 | rBV9 | 2354  | 5308  | 0.37% | 0.031% |
| 65 | 16.521 | 2280 | 2284 | 2290 | rVV3 | 9631  | 14734 | 1.03% | 0.086% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 66 | 16.598 | 2292 | 2297 | 2300 | rVB2 | 3361 | 5057  | 0.35% | 0.030% |
| 67 | 16.674 | 2305 | 2310 | 2318 | rBV8 | 7547 | 14068 | 0.99% | 0.082% |
| 68 | 16.739 | 2318 | 2321 | 2324 | rBV4 | 1800 | 1807  | 0.13% | 0.011% |
| 69 | 16.798 | 2329 | 2331 | 2336 | rVB5 | 1400 | 1664  | 0.12% | 0.010% |
| 70 | 16.868 | 2336 | 2343 | 2350 | rBV7 | 8959 | 22061 | 1.55% | 0.129% |

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 71 | 16.921 | 2350 | 2352 | 2355 | rBV3 | 2427   | 2992    | 0.21%   | 0.018% |
| 72 | 17.133 | 2381 | 2388 | 2394 | rBV  | 985790 | 1426193 | 100.00% | 8.345% |
| 73 | 17.227 | 2398 | 2404 | 2416 | rVB  | 775974 | 1199763 | 84.12%  | 7.020% |
| 74 | 17.380 | 2428 | 2430 | 2432 | rVB3 | 2589   | 1932    | 0.14%   | 0.011% |
| 75 | 17.492 | 2446 | 2449 | 2451 | rBV4 | 2281   | 2979    | 0.21%   | 0.017% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 17.656 | 2475 | 2477 | 2483 | rBV7 | 2512 | 3754 | 0.26% | 0.022% |
|----|--------|------|------|------|------|------|------|-------|--------|

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Instrument :  
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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\_M\METHODS\SFAM-EPA-BM070621.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 17.739 | 2489 | 2491 | 2495 | rBV4 | 1690    | 2543    | 0.18%  | 0.015% |
| 78 | 17.798 | 2498 | 2501 | 2507 | rVB6 | 6707    | 9224    | 0.65%  | 0.054% |
| 79 | 17.904 | 2516 | 2519 | 2523 | rVB6 | 3516    | 4843    | 0.34%  | 0.028% |
| 80 | 18.021 | 2533 | 2539 | 2549 | rBV2 | 68537   | 137725  | 9.66%  | 0.806% |
| 81 | 18.092 | 2549 | 2551 | 2556 | rVV  | 7586    | 11706   | 0.82%  | 0.068% |
| 82 | 18.139 | 2556 | 2559 | 2565 | rVB6 | 5408    | 8136    | 0.57%  | 0.048% |
| 83 | 18.204 | 2565 | 2570 | 2573 | rBV2 | 11081   | 18983   | 1.33%  | 0.111% |
| 84 | 18.304 | 2585 | 2587 | 2588 | rBV2 | 2168    | 1869    | 0.13%  | 0.011% |
| 85 | 18.462 | 2611 | 2614 | 2618 | rBV  | 7574    | 12032   | 0.84%  | 0.070% |
| 86 | 18.515 | 2619 | 2623 | 2626 | rVB5 | 6403    | 9730    | 0.68%  | 0.057% |
| 87 | 18.921 | 2689 | 2692 | 2694 | rBV4 | 10397   | 12824   | 0.90%  | 0.075% |
| 88 | 19.186 | 2729 | 2737 | 2745 | rBV  | 104618  | 176425  | 12.37% | 1.032% |
| 89 | 19.298 | 2753 | 2756 | 2761 | rBV4 | 30403   | 49961   | 3.50%  | 0.292% |
| 90 | 19.515 | 2788 | 2793 | 2808 | rVB2 | 698087  | 1087978 | 76.29% | 6.366% |
| 91 | 20.509 | 2958 | 2962 | 2968 | rBV  | 390994  | 430941  | 30.22% | 2.521% |
| 92 | 21.009 | 3044 | 3047 | 3056 | rVB5 | 78451   | 113941  | 7.99%  | 0.667% |
| 93 | 21.297 | 3091 | 3096 | 3101 | rBV  | 1014979 | 1357546 | 95.19% | 7.943% |
| 94 | 23.403 | 3449 | 3454 | 3466 | rVB  | 235679  | 533901  | 37.44% | 3.124% |
| 95 | 23.544 | 3472 | 3478 | 3495 | rVB2 | 589419  | 1193322 | 83.67% | 6.982% |

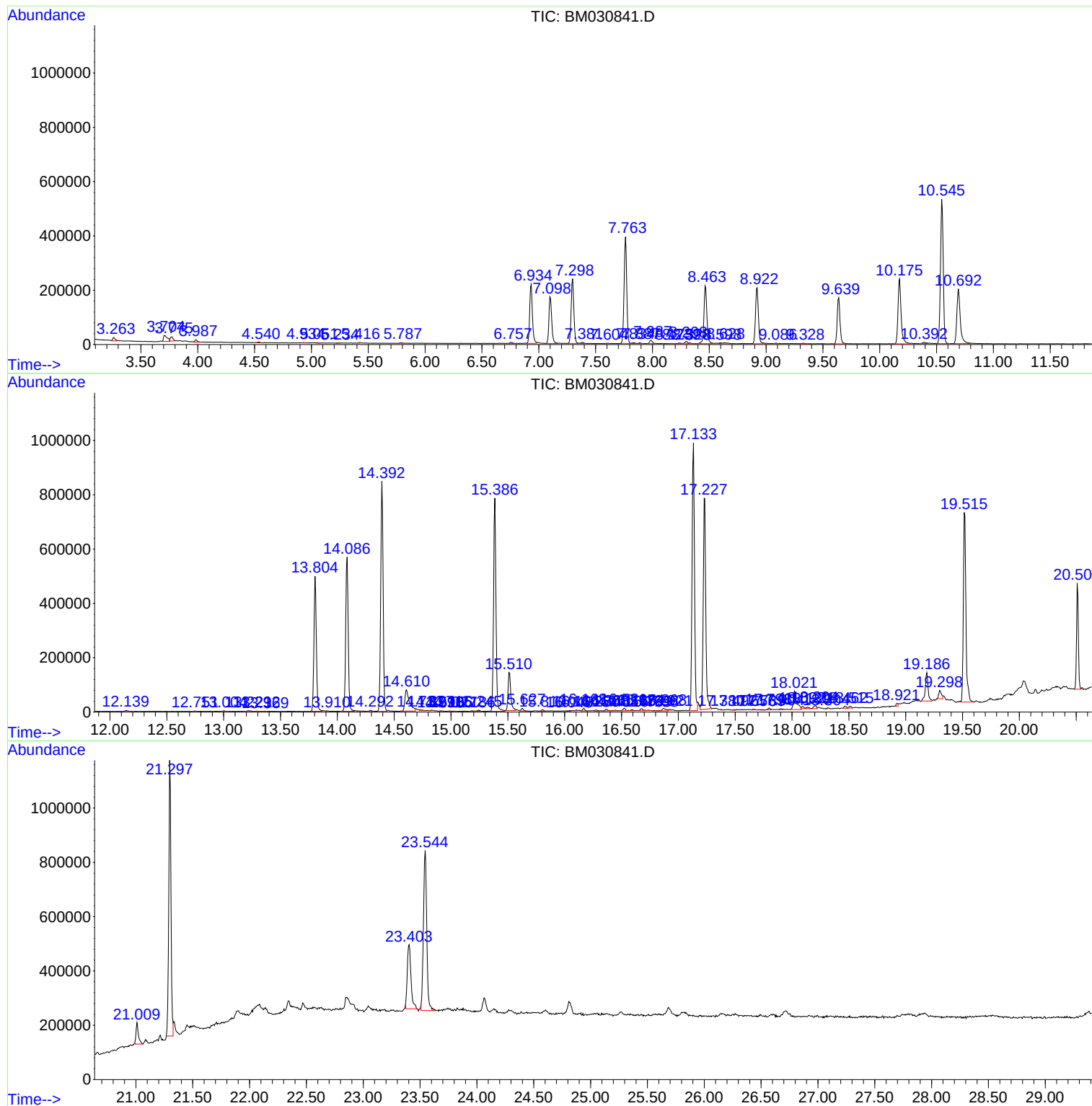
Sum of corrected areas: 17090707

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM070621.M  
Quant Title : SVOA CALIBRATION

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



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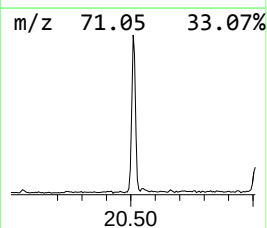
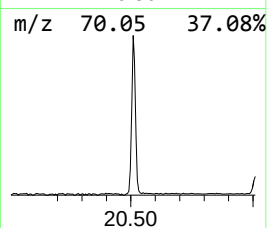
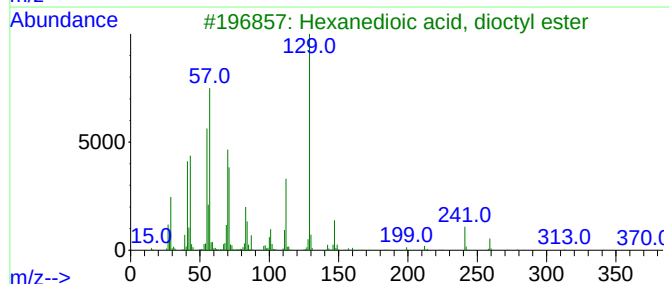
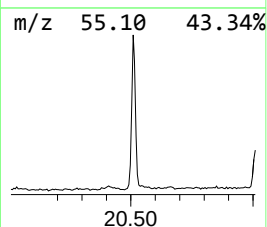
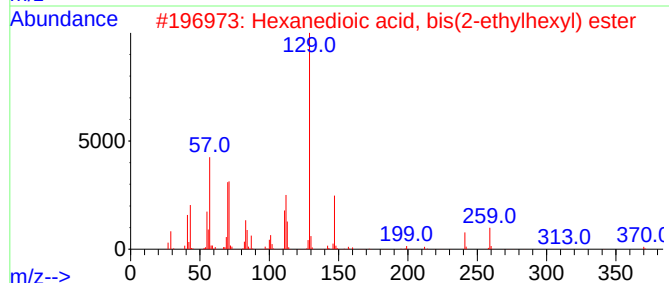
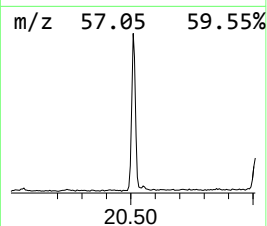
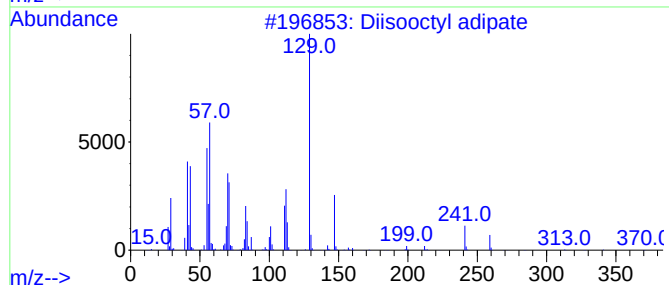
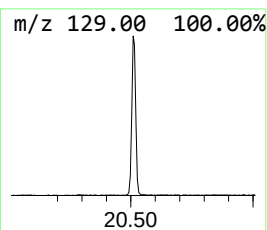
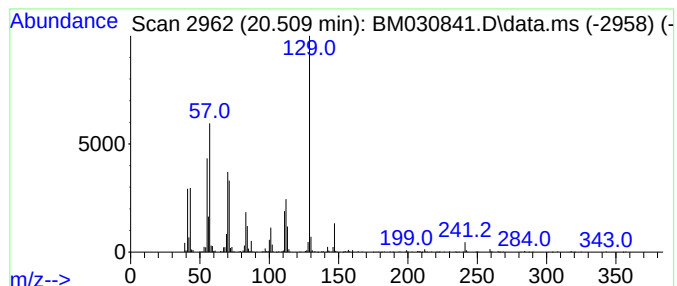
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Diisooctyl adipate Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.510 | 6.35 ng/ul | 430941 | Chrysene-d12     | 21.297 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Diisooctyl adipate                  | 370 | C22H42O4 | 001330-86-5 | 78   |
| 2    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 78   |
| 3    |    |   | Hexanedioic acid, dioctyl ester     | 370 | C22H42O4 | 000123-79-5 | 70   |
| 4    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 68   |
| 5    |    |   | Hexanedioic acid, bis(2-ethylhex... | 370 | C22H42O4 | 000103-23-1 | 64   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Diisooctyl adipate | 20.510 | 6.3     | ng/ul | 430941   | 5                     | 21.297 | 1357550 | 20.0 |