

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080324\  
 Data File : BM046975.D  
 Acq On : 03 Aug 2024 22:08  
 Operator : MA/JU  
 Sample : P3276-13  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E20J2

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-BM080224.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM046975.D\data.ms

| 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         | 3.022       | 20            | 23          | 28           | rVB      | 30050          | 34539         | 1.18%           | 0.109%        |
| 2         | 3.069       | 28            | 31          | 34           | rBV5     | 4002           | 5559          | 0.19%           | 0.018%        |
| 3         | 3.287       | 65            | 68          | 73           | rBV      | 17554          | 24421         | 0.83%           | 0.077%        |
| 4         | 3.410       | 85            | 89          | 102          | rBV      | 305120         | 430694        | 14.68%          | 1.362%        |
| 5         | 3.710       | 136           | 140         | 147          | rVB4     | 10585          | 16765         | 0.57%           | 0.053%        |
| 6         | 4.587       | 286           | 289         | 290          | rBV3     | 3132           | 3090          | 0.11%           | 0.010%        |
| 7         | 4.928       | 345           | 347         | 352          | rBV6     | 2024           | 3786          | 0.13%           | 0.012%        |
| 8         | 5.234       | 396           | 399         | 402          | rBV5     | 2476           | 3684          | 0.13%           | 0.012%        |
| 9         | 5.540       | 449           | 451         | 454          | rBV4     | 4051           | 4506          | 0.15%           | 0.014%        |
| 10        | 6.598       | 625           | 631         | 643          | rVB      | 364253         | 586779        | 20.00%          | 1.855%        |
| 11        | 6.751       | 652           | 657         | 666          | rBV      | 322053         | 504809        | 17.20%          | 1.596%        |
| 12        | 6.940       | 681           | 689         | 696          | rBV      | 424272         | 635545        | 21.66%          | 2.009%        |
| 13        | 7.051       | 704           | 708         | 712          | rVB7     | 2542           | 4281          | 0.15%           | 0.014%        |
| 14        | 7.398       | 760           | 767         | 775          | rBV      | 729599         | 1115144       | 38.00%          | 3.526%        |
| 15        | 7.481       | 778           | 781         | 783          | rBV4     | 4256           | 4942          | 0.17%           | 0.016%        |
| 16        | 8.116       | 882           | 889         | 900          | rBV      | 469981         | 732404        | 24.96%          | 2.316%        |
| 17        | 8.245       | 908           | 911         | 912          | rVB3     | 3902           | 3013          | 0.10%           | 0.010%        |
| 18        | 8.481       | 948           | 951         | 954          | rBV4     | 1937           | 3021          | 0.10%           | 0.010%        |
| 19        | 8.539       | 954           | 961         | 969          | rBV      | 394936         | 626205        | 21.34%          | 1.980%        |
| 20        | 8.992       | 1032          | 1038        | 1045         | rVB9     | 5224           | 11648         | 0.40%           | 0.037%        |
| 21        | 9.128       | 1055          | 1061        | 1066         | rBV5     | 15928          | 26813         | 0.91%           | 0.085%        |
| 22        | 9.257       | 1076          | 1083        | 1092         | rBV      | 317431         | 520087        | 17.72%          | 1.644%        |
| 23        | 9.481       | 1118          | 1121        | 1124         | rVB5     | 2568           | 3082          | 0.11%           | 0.010%        |
| 24        | 9.534       | 1124          | 1130        | 1132         | rBV6     | 2345           | 5190          | 0.18%           | 0.016%        |
| 25        | 9.681       | 1152          | 1155        | 1160         | rBV5     | 3266           | 4675          | 0.16%           | 0.015%        |
| 26        | 9.734       | 1160          | 1164        | 1166         | rBV4     | 1995           | 2982          | 0.10%           | 0.009%        |
| 27        | 9.792       | 1166          | 1174        | 1184         | rBV      | 474572         | 790967        | 26.96%          | 2.501%        |
| 28        | 9.963       | 1199          | 1203        | 1206         | rBV6     | 1987           | 3110          | 0.11%           | 0.010%        |
| 29        | 10.157      | 1228          | 1236        | 1245         | rVB      | 898493         | 1478587       | 50.39%          | 4.675%        |
| 30        | 10.304      | 1254          | 1261        | 1273         | rBV      | 472146         | 789861        | 26.92%          | 2.497%        |
| 31        | 10.739      | 1330          | 1335        | 1343         | rVB      | 4439           | 10234         | 0.35%           | 0.032%        |
| 32        | 10.881      | 1353          | 1359        | 1360         | rBV5     | 2589           | 4097          | 0.14%           | 0.013%        |
| 33        | 10.916      | 1360          | 1365        | 1375         | rVV      | 38320          | 73304         | 2.50%           | 0.232%        |
| 34        | 10.992      | 1375          | 1378        | 1385         | rVB7     | 3369           | 6717          | 0.23%           | 0.021%        |
| 35        | 11.757      | 1504          | 1508        | 1514         | rVB5     | 7609           | 12232         | 0.42%           | 0.039%        |
| 36        | 12.398      | 1613          | 1617        | 1619         | rBV5     | 2956           | 3811          | 0.13%           | 0.012%        |

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Start Thrs: 0.2

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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-BM080224.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 12.622 | 1652 | 1655 | 1659 | rVB5 | 2560    | 3206    | 0.11%  | 0.010% |
| 38 | 12.663 | 1659 | 1662 | 1663 | rBV3 | 3799    | 4599    | 0.16%  | 0.015% |
| 39 | 12.898 | 1698 | 1702 | 1706 | rVB6 | 3907    | 5374    | 0.18%  | 0.017% |
| 40 | 13.292 | 1763 | 1769 | 1772 | rVB5 | 2581    | 4672    | 0.16%  | 0.015% |
| 41 | 13.480 | 1795 | 1801 | 1809 | rBV  | 848674  | 1173915 | 40.01% | 3.712% |
| 42 | 13.739 | 1839 | 1845 | 1856 | rBV  | 956711  | 1421846 | 48.46% | 4.495% |
| 43 | 13.816 | 1856 | 1858 | 1861 | rVV4 | 3110    | 3400    | 0.12%  | 0.011% |
| 44 | 13.874 | 1865 | 1868 | 1871 | rBV4 | 2960    | 3293    | 0.11%  | 0.010% |
| 45 | 13.992 | 1885 | 1888 | 1891 | rVB5 | 3002    | 3716    | 0.13%  | 0.012% |
| 46 | 14.057 | 1891 | 1899 | 1911 | rBV  | 1282673 | 1939440 | 66.09% | 6.132% |
| 47 | 14.292 | 1931 | 1939 | 1953 | rBV2 | 278053  | 523845  | 17.85% | 1.656% |
| 48 | 14.821 | 2027 | 2029 | 2035 | rVB6 | 2409    | 3696    | 0.13%  | 0.012% |
| 49 | 14.892 | 2037 | 2041 | 2044 | rBV3 | 6397    | 10524   | 0.36%  | 0.033% |
| 50 | 14.951 | 2048 | 2051 | 2055 | rBV5 | 3735    | 5177    | 0.18%  | 0.016% |
| 51 | 15.057 | 2063 | 2069 | 2082 | rVB  | 1198886 | 1759262 | 59.95% | 5.562% |
| 52 | 15.192 | 2086 | 2092 | 2099 | rBV  | 248029  | 348966  | 11.89% | 1.103% |
| 53 | 15.298 | 2107 | 2110 | 2113 | rVB5 | 5095    | 5953    | 0.20%  | 0.019% |
| 54 | 15.451 | 2132 | 2136 | 2138 | rBV5 | 4326    | 5352    | 0.18%  | 0.017% |
| 55 | 15.516 | 2144 | 2147 | 2151 | rBV6 | 5125    | 7181    | 0.24%  | 0.023% |
| 56 | 15.563 | 2151 | 2155 | 2157 | rBV5 | 2443    | 3636    | 0.12%  | 0.011% |
| 57 | 15.651 | 2167 | 2170 | 2174 | rVB5 | 2841    | 3511    | 0.12%  | 0.011% |
| 58 | 15.757 | 2181 | 2188 | 2189 | rBV4 | 2953    | 4235    | 0.14%  | 0.013% |
| 59 | 15.821 | 2195 | 2199 | 2201 | rBV5 | 5124    | 6321    | 0.22%  | 0.020% |
| 60 | 15.857 | 2203 | 2205 | 2209 | rVB5 | 5138    | 5609    | 0.19%  | 0.018% |
| 61 | 15.974 | 2221 | 2225 | 2233 | rBV7 | 6135    | 13341   | 0.45%  | 0.042% |
| 62 | 16.227 | 2264 | 2268 | 2270 | rBV5 | 5598    | 6957    | 0.24%  | 0.022% |
| 63 | 16.268 | 2271 | 2275 | 2278 | rVV6 | 6532    | 9427    | 0.32%  | 0.030% |
| 64 | 16.398 | 2295 | 2297 | 2301 | rVB5 | 4344    | 4868    | 0.17%  | 0.015% |
| 65 | 16.468 | 2307 | 2309 | 2314 | rVB6 | 2053    | 3225    | 0.11%  | 0.010% |
| 66 | 16.563 | 2322 | 2325 | 2327 | rBV4 | 4727    | 4689    | 0.16%  | 0.015% |
| 67 | 16.615 | 2327 | 2334 | 2336 | rBV4 | 7023    | 12391   | 0.42%  | 0.039% |
| 68 | 16.774 | 2357 | 2361 | 2362 | rBV4 | 4800    | 4585    | 0.16%  | 0.014% |
| 69 | 16.815 | 2362 | 2368 | 2378 | rVV  | 1669055 | 2321143 | 79.10% | 7.339% |
| 70 | 16.915 | 2378 | 2385 | 2399 | rVV  | 1385476 | 1941807 | 66.18% | 6.139% |
| 71 | 17.033 | 2402 | 2405 | 2409 | rVV6 | 15178   | 20226   | 0.69%  | 0.064% |
| 72 | 17.086 | 2412 | 2414 | 2417 | rVB4 | 4426    | 3277    | 0.11%  | 0.010% |
| 73 | 17.245 | 2438 | 2441 | 2444 | rVB5 | 3827    | 3472    | 0.12%  | 0.011% |
| 74 | 17.427 | 2470 | 2472 | 2475 | rVB4 | 3291    | 3077    | 0.10%  | 0.010% |
| 75 | 17.627 | 2501 | 2506 | 2516 | rBV8 | 17438   | 32342   | 1.10%  | 0.102% |
| 76 | 17.751 | 2523 | 2527 | 2535 | rBV  | 139397  | 212738  | 7.25%  | 0.673% |

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Start Thrs: 0.2

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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\SFAM-EPA-BM080224.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 18.192 | 2598 | 2602 | 2604 | rBV5 | 6456    | 8397    | 0.29%   | 0.027% |
| 78 | 18.439 | 2642 | 2644 | 2647 | rBV4 | 5963    | 5873    | 0.20%   | 0.019% |
| 79 | 18.786 | 2699 | 2703 | 2707 | rVB4 | 18470   | 24261   | 0.83%   | 0.077% |
| 80 | 18.856 | 2712 | 2715 | 2718 | rBV2 | 19554   | 25366   | 0.86%   | 0.080% |
| 81 | 19.051 | 2745 | 2748 | 2756 | rBV5 | 45948   | 79058   | 2.69%   | 0.250% |
| 82 | 19.227 | 2772 | 2778 | 2785 | rBV  | 1675755 | 2246033 | 76.54%  | 7.101% |
| 83 | 20.786 | 3040 | 3043 | 3049 | rBV2 | 168045  | 251540  | 8.57%   | 0.795% |
| 84 | 21.050 | 3082 | 3088 | 3097 | rBV  | 1896900 | 2638184 | 89.91%  | 8.341% |
| 85 | 22.527 | 3335 | 3339 | 3345 | rVB  | 355667  | 551240  | 18.79%  | 1.743% |
| 86 | 23.574 | 3510 | 3517 | 3528 | rVB  | 1121084 | 2519760 | 85.87%  | 7.967% |
| 87 | 23.762 | 3541 | 3549 | 3556 | rBV  | 1296551 | 2934339 | 100.00% | 9.277% |

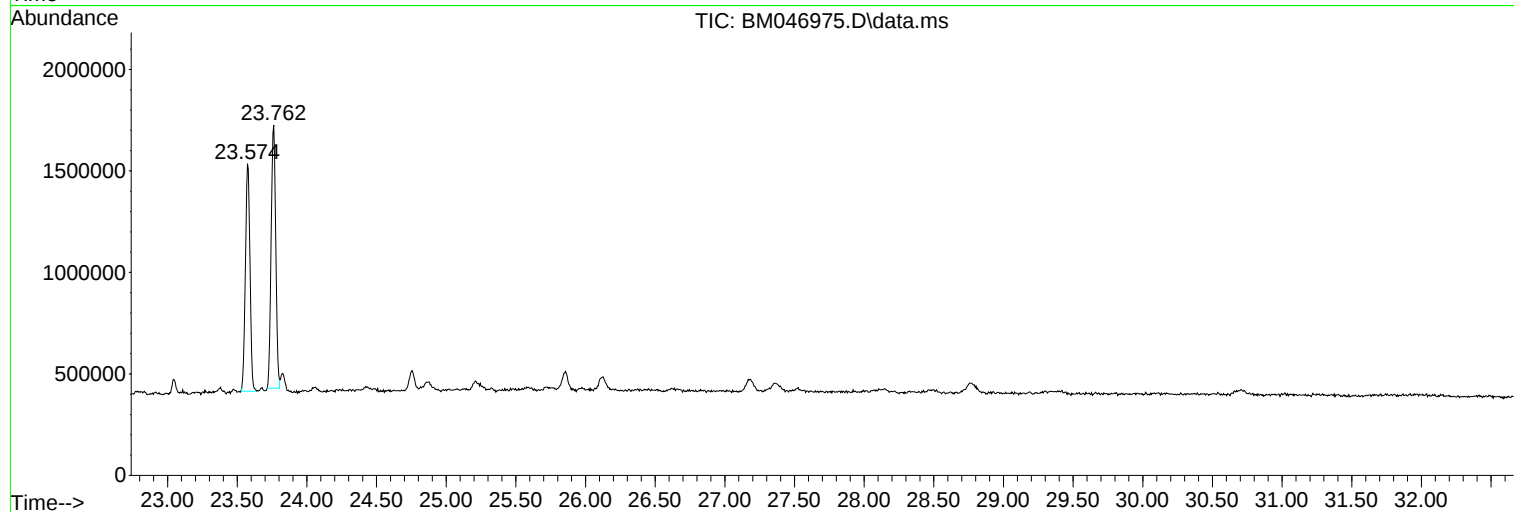
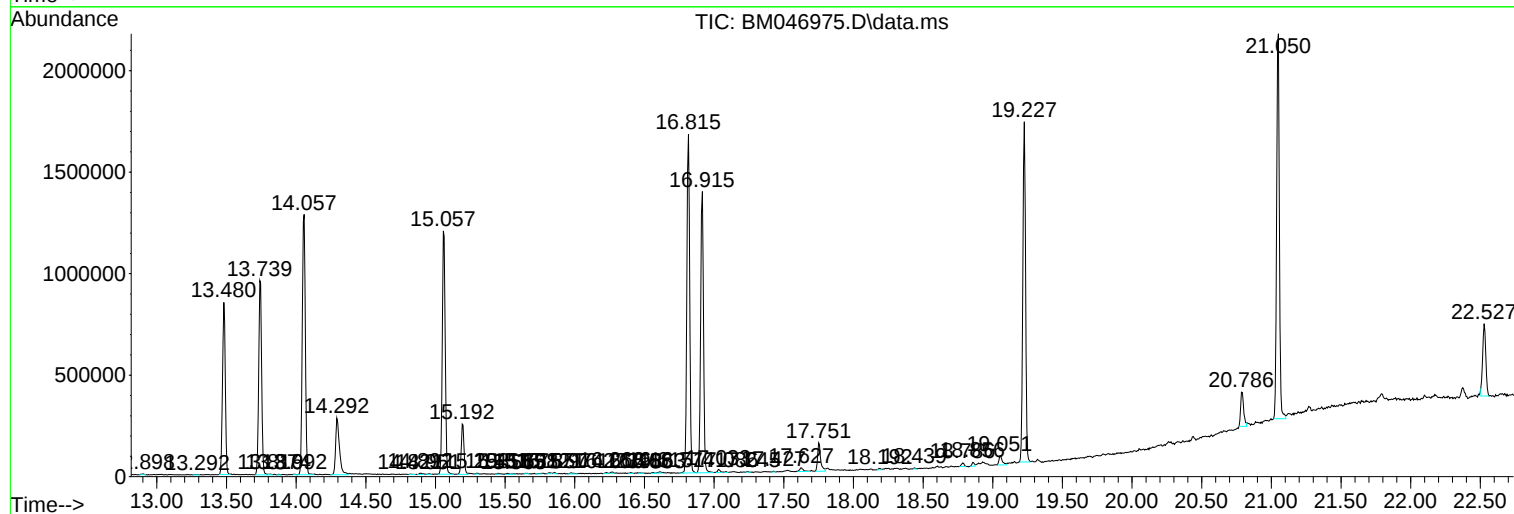
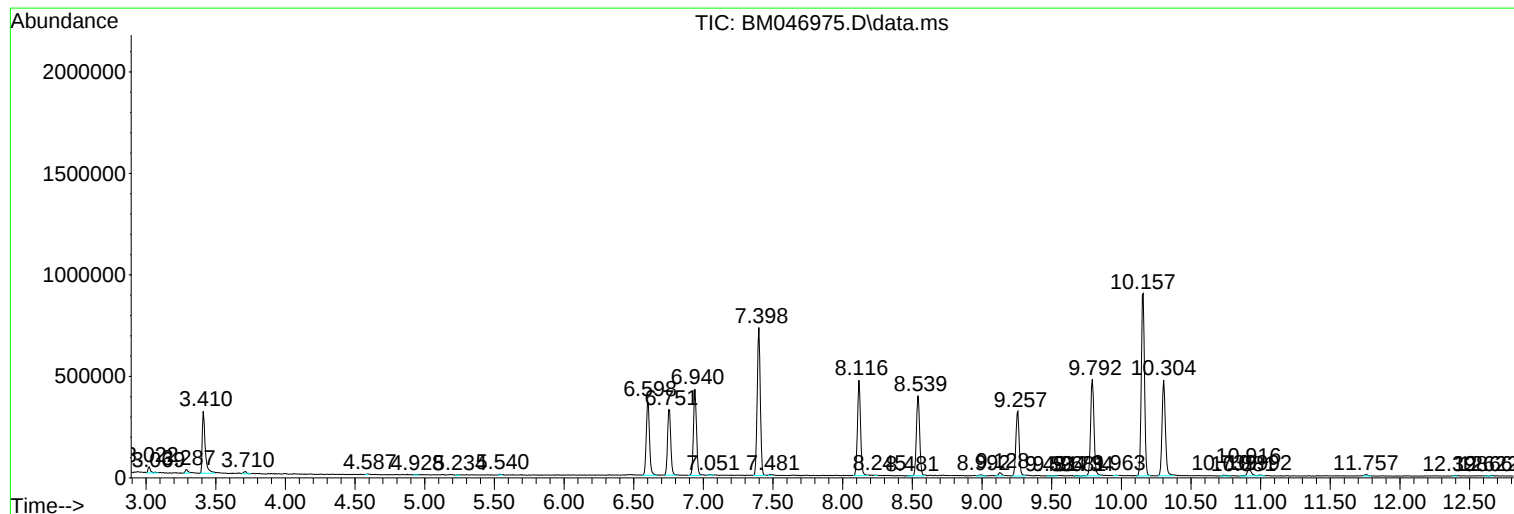
Sum of corrected areas: 31628929

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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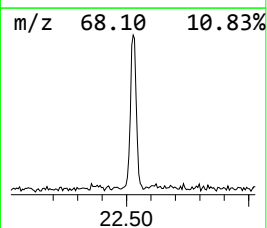
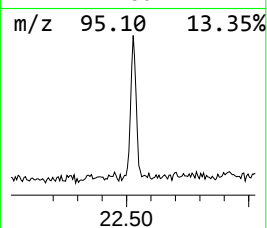
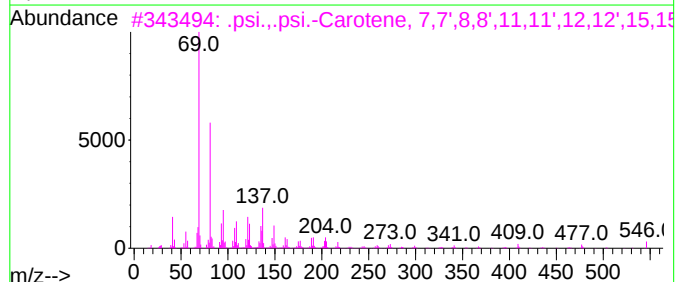
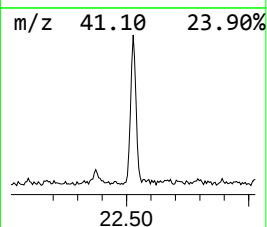
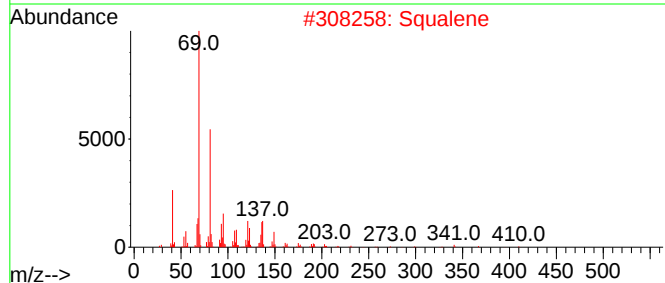
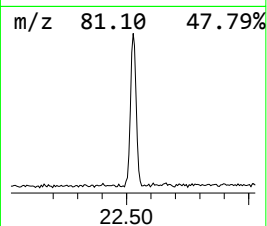
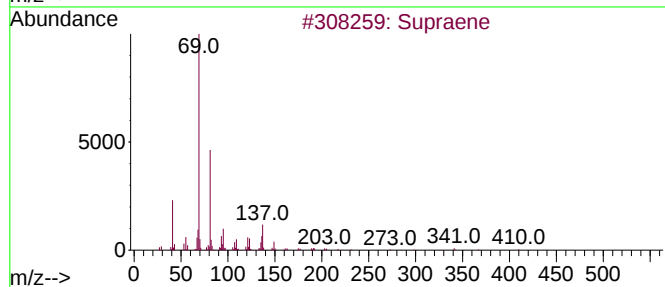
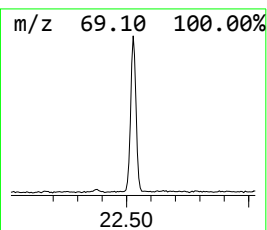
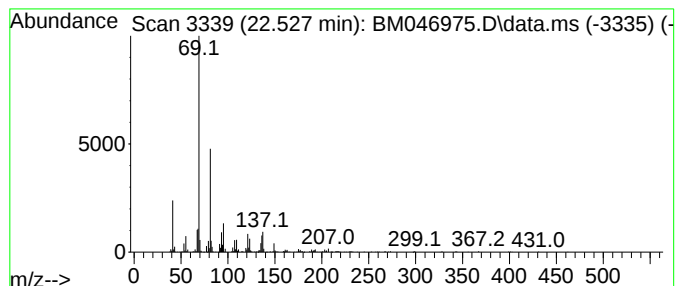
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Supraene Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.527 | 3.76 ng/ul | 551240 | Perylene-d12     | 23.762 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50  | 007683-64-9 | 91   |
| 2    |    |   | Squalene                            | 410 | C30H50  | 000111-02-4 | 90   |
| 3    |    |   | .psi.,.psi.-Carotene, 7,7',8,8',... | 547 | C40H66  | 000502-62-5 | 83   |
| 4    |    |   | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O | 056882-09-8 | 83   |
| 5    |    |   | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 72   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Supraene         | 22.527 | 3.8     | ng/u1 | 551240   | 6                     | 23.762 | 2934340 | 20.0 |