

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081524\  
 Data File : BG062427.D  
 Acq On : 15 Aug 2024 22:50  
 Operator : MA/JU  
 Sample : P3533-07  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E0AD6

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\_G\Methods\SFAM-EPA-BG081424.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG062427.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         | 3.422       | 19            | 23          | 28           | rVB4     | 13602          | 19744         | 0.82%           | 0.090%        |
| 2         | 3.828       | 88            | 92          | 102          | rBV      | 54241          | 88020         | 3.68%           | 0.402%        |
| 3         | 4.168       | 147           | 150         | 155          | rVB3     | 5354           | 8056          | 0.34%           | 0.037%        |
| 4         | 6.935       | 616           | 621         | 625          | rBV3     | 1761           | 2807          | 0.12%           | 0.013%        |
| 5         | 7.111       | 644           | 651         | 659          | rBV      | 94845          | 161161        | 6.73%           | 0.736%        |
| 6         | 7.282       | 673           | 680         | 690          | rBV      | 231877         | 388549        | 16.23%          | 1.773%        |
| 7         | 7.487       | 708           | 715         | 724          | rBV      | 276192         | 465495        | 19.44%          | 2.124%        |
| 8         | 7.587       | 729           | 732         | 738          | rVB3     | 2279           | 3609          | 0.15%           | 0.016%        |
| 9         | 7.957       | 788           | 795         | 803          | rBV      | 256644         | 424604        | 17.73%          | 1.938%        |
| 10        | 8.650       | 903           | 913         | 923          | rBV      | 254083         | 431746        | 18.03%          | 1.970%        |
| 11        | 9.050       | 977           | 981         | 983          | rBV2     | 2042           | 2855          | 0.12%           | 0.013%        |
| 12        | 9.109       | 983           | 991         | 1002         | rVB      | 302112         | 529596        | 22.12%          | 2.417%        |
| 13        | 9.831       | 1106          | 1114        | 1123         | rBV      | 246118         | 435562        | 18.19%          | 1.988%        |
| 14        | 10.049      | 1147          | 1151        | 1156         | rBV3     | 2164           | 3267          | 0.14%           | 0.015%        |
| 15        | 10.366      | 1198          | 1205        | 1212         | rBV      | 390766         | 685564        | 28.63%          | 3.129%        |
| 16        | 10.748      | 1263          | 1270        | 1278         | rBV      | 380637         | 678349        | 28.33%          | 3.096%        |
| 17        | 10.877      | 1283          | 1292        | 1303         | rBV      | 350289         | 625719        | 26.13%          | 2.856%        |
| 18        | 11.394      | 1372          | 1380        | 1387         | rVB      | 16437          | 28457         | 1.19%           | 0.130%        |
| 19        | 11.535      | 1397          | 1404        | 1409         | rVB6     | 2640           | 6044          | 0.25%           | 0.028%        |
| 20        | 11.605      | 1409          | 1416        | 1419         | rBV3     | 1236           | 2405          | 0.10%           | 0.011%        |
| 21        | 12.328      | 1535          | 1539        | 1547         | rVB      | 8384           | 13137         | 0.55%           | 0.060%        |
| 22        | 12.939      | 1639          | 1643        | 1651         | rVB5     | 5742           | 9483          | 0.40%           | 0.043%        |
| 23        | 13.191      | 1681          | 1686        | 1691         | rVB5     | 4959           | 8143          | 0.34%           | 0.037%        |
| 24        | 13.984      | 1814          | 1821        | 1827         | rBV      | 722728         | 1048577       | 43.79%          | 4.786%        |
| 25        | 14.037      | 1827          | 1830        | 1832         | rVB4     | 1956           | 2400          | 0.10%           | 0.011%        |
| 26        | 14.266      | 1858          | 1869        | 1878         | rBV      | 806810         | 1326212       | 55.39%          | 6.053%        |
| 27        | 14.578      | 1914          | 1922        | 1930         | rVB      | 662387         | 1046744       | 43.72%          | 4.777%        |
| 28        | 14.754      | 1946          | 1952        | 1958         | rVV      | 90943          | 147137        | 6.15%           | 0.672%        |
| 29        | 14.813      | 1959          | 1962        | 1967         | rVB5     | 6901           | 10734         | 0.45%           | 0.049%        |
| 30        | 14.989      | 1989          | 1992        | 1998         | rVB5     | 3841           | 5198          | 0.22%           | 0.024%        |
| 31        | 15.230      | 2028          | 2033        | 2041         | rVB2     | 27808          | 41359         | 1.73%           | 0.189%        |
| 32        | 15.312      | 2041          | 2047        | 2051         | rBV3     | 4911           | 8675          | 0.36%           | 0.040%        |
| 33        | 15.388      | 2056          | 2060        | 2068         | rVB3     | 8483           | 13092         | 0.55%           | 0.060%        |
| 34        | 15.565      | 2083          | 2090        | 2098         | rBV      | 1057731        | 1662682       | 69.44%          | 7.588%        |
| 35        | 15.670      | 2103          | 2108        | 2117         | rBV      | 309448         | 464401        | 19.40%          | 2.119%        |
| 36        | 15.735      | 2117          | 2119        | 2122         | rVB4     | 4339           | 3711          | 0.15%           | 0.017%        |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 E0AD6

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\_G\Methods\SFAM-EPA-BG081424.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.805 | 2128 | 2131 | 2134 | rVB3 | 4208    | 5641    | 0.24%   | 0.026%  |
| 38 | 15.935 | 2149 | 2153 | 2158 | rVB6 | 5685    | 9203    | 0.38%   | 0.042%  |
| 39 | 15.988 | 2158 | 2162 | 2165 | rVB6 | 4450    | 5945    | 0.25%   | 0.027%  |
| 40 | 16.252 | 2202 | 2207 | 2212 | rVB5 | 4257    | 7371    | 0.31%   | 0.034%  |
| 41 | 16.346 | 2218 | 2223 | 2224 | rBV4 | 2083    | 2837    | 0.12%   | 0.013%  |
| 42 | 16.816 | 2301 | 2303 | 2307 | rVB4 | 2467    | 2441    | 0.10%   | 0.011%  |
| 43 | 16.869 | 2309 | 2312 | 2316 | rBV5 | 2273    | 3016    | 0.13%   | 0.014%  |
| 44 | 16.922 | 2316 | 2321 | 2322 | rBV4 | 2424    | 4203    | 0.18%   | 0.019%  |
| 45 | 17.074 | 2343 | 2347 | 2349 | rBV5 | 2218    | 3073    | 0.13%   | 0.014%  |
| 46 | 17.315 | 2381 | 2388 | 2396 | rVB  | 826862  | 1230527 | 51.39%  | 5.616%  |
| 47 | 17.415 | 2398 | 2405 | 2413 | rVV2 | 1208765 | 1808445 | 75.53%  | 8.254%  |
| 48 | 17.538 | 2422 | 2426 | 2427 | rBV3 | 2096    | 2838    | 0.12%   | 0.013%  |
| 49 | 17.603 | 2435 | 2437 | 2441 | rBV3 | 5647    | 10581   | 0.44%   | 0.048%  |
| 50 | 17.674 | 2441 | 2449 | 2459 | rVV5 | 24318   | 70563   | 2.95%   | 0.322%  |
| 51 | 17.738 | 2459 | 2460 | 2464 | rVB4 | 3506    | 2705    | 0.11%   | 0.012%  |
| 52 | 17.932 | 2489 | 2493 | 2496 | rBV4 | 1931    | 2756    | 0.12%   | 0.013%  |
| 53 | 17.985 | 2499 | 2502 | 2506 | rVB5 | 13106   | 15256   | 0.64%   | 0.070%  |
| 54 | 18.208 | 2535 | 2540 | 2547 | rBV3 | 22737   | 33473   | 1.40%   | 0.153%  |
| 55 | 18.284 | 2549 | 2553 | 2557 | rVB2 | 4778    | 7009    | 0.29%   | 0.032%  |
| 56 | 18.414 | 2571 | 2575 | 2576 | rBV3 | 2183    | 2906    | 0.12%   | 0.013%  |
| 57 | 18.519 | 2591 | 2593 | 2598 | rVB6 | 2085    | 3071    | 0.13%   | 0.014%  |
| 58 | 18.637 | 2611 | 2613 | 2619 | rBV6 | 2861    | 5691    | 0.24%   | 0.026%  |
| 59 | 18.825 | 2643 | 2645 | 2650 | rVB5 | 6028    | 8226    | 0.34%   | 0.038%  |
| 60 | 19.160 | 2699 | 2702 | 2706 | rVB6 | 5283    | 7301    | 0.30%   | 0.033%  |
| 61 | 19.260 | 2710 | 2719 | 2726 | rBV5 | 24745   | 63461   | 2.65%   | 0.290%  |
| 62 | 19.330 | 2727 | 2731 | 2736 | rVB  | 21526   | 33243   | 1.39%   | 0.152%  |
| 63 | 19.483 | 2753 | 2757 | 2760 | rBV5 | 17154   | 21447   | 0.90%   | 0.098%  |
| 64 | 19.694 | 2787 | 2793 | 2798 | rBV  | 1497764 | 2394380 | 100.00% | 10.928% |
| 65 | 20.675 | 2957 | 2960 | 2963 | rBV5 | 13565   | 15232   | 0.64%   | 0.070%  |
| 66 | 21.333 | 3063 | 3072 | 3084 | rBV5 | 46951   | 219622  | 9.17%   | 1.002%  |
| 67 | 21.556 | 3103 | 3110 | 3118 | rBV  | 836058  | 1341201 | 56.01%  | 6.121%  |
| 68 | 23.806 | 3488 | 3493 | 3499 | rVB6 | 16313   | 31282   | 1.31%   | 0.143%  |
| 69 | 24.435 | 3589 | 3600 | 3612 | rBV2 | 830543  | 2241401 | 93.61%  | 10.229% |
| 70 | 24.646 | 3625 | 3636 | 3645 | rBV  | 530920  | 1491580 | 62.30%  | 6.807%  |

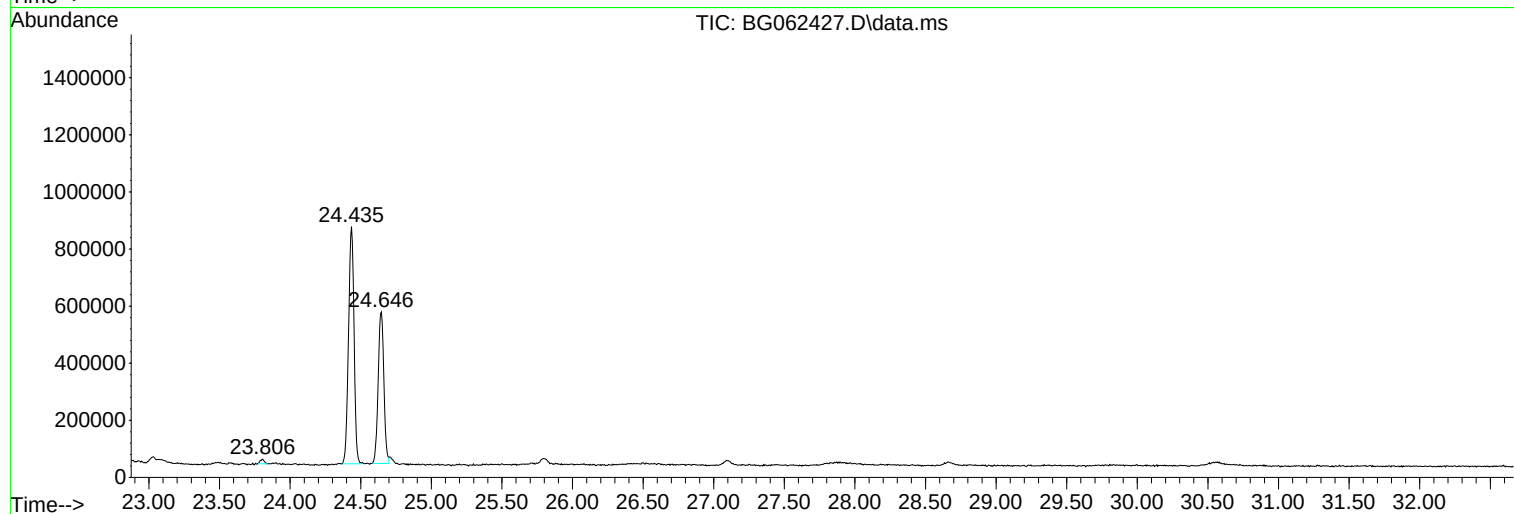
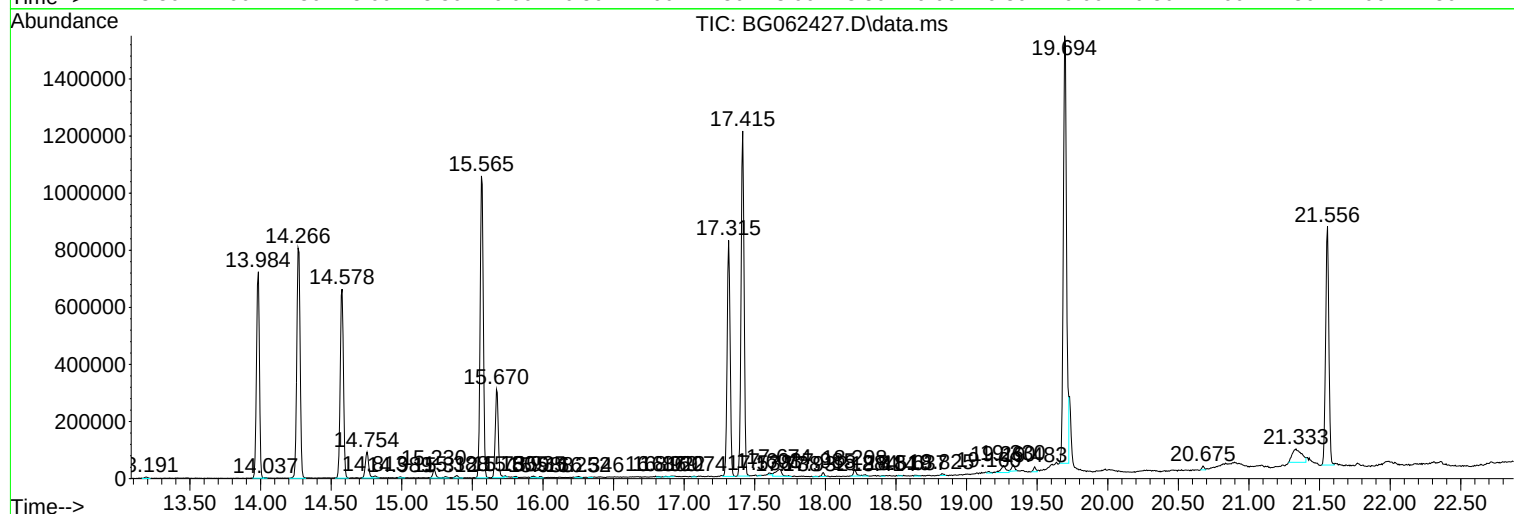
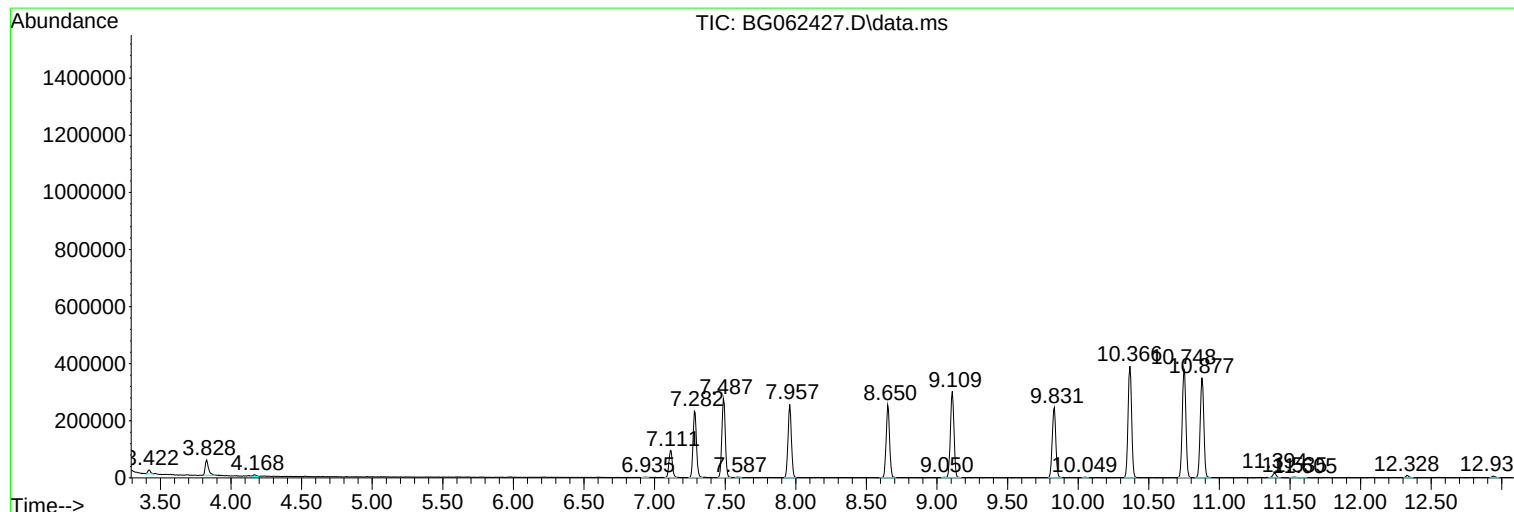
Sum of corrected areas: 21911221

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG081424.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081524\  
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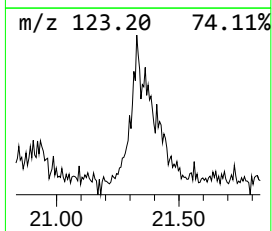
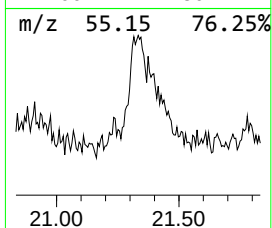
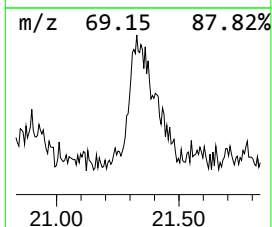
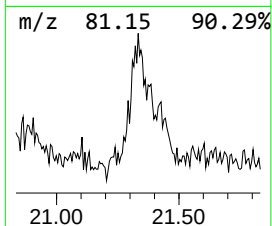
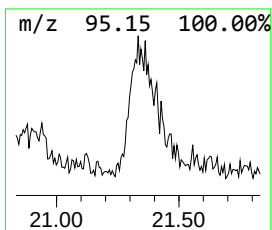
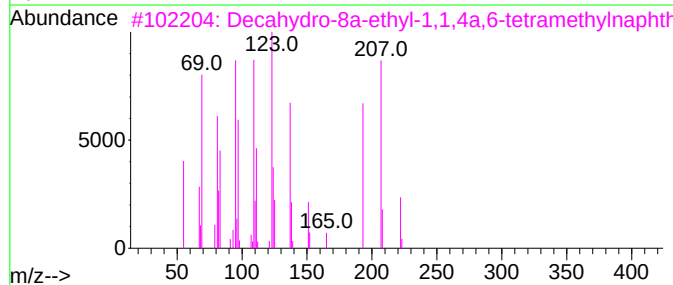
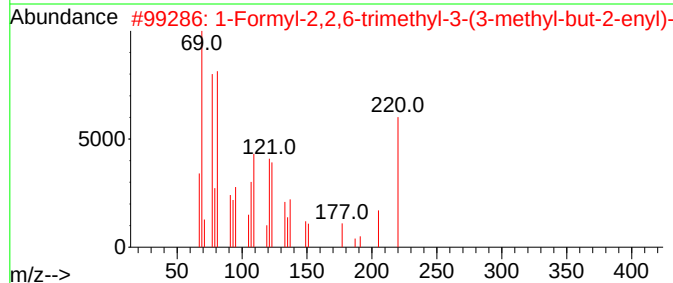
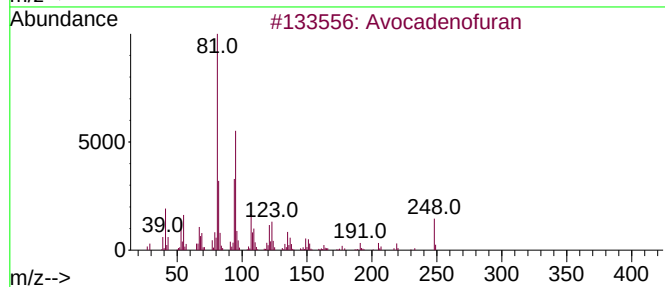
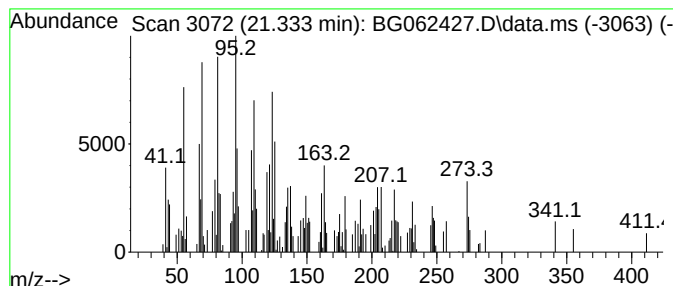
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Avocadenofuran Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.333 | 3.28 ng/ul | 219622 | Chrysene-d12     | 21.557 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Avocadenofuran                      | 248 | C17H28O | 025346-24-1  | 70   |
| 2    |    |   | 1-Formyl-2,2,6-trimethyl-3-(3-me... | 220 | C15H24O | 108287-18-9  | 43   |
| 3    |    |   | Decahydro-8a-ethyl-1,1,4a,6-tetr... | 222 | C16H30  | 1000100-23-6 | 41   |
| 4    |    |   | 1-Formyl-2,2-dimethyl-3-trans-(3... | 220 | C15H24O | 1000144-09-7 | 40   |
| 5    |    |   | 1-Hexadecyne                        | 222 | C16H30  | 000629-74-3  | 35   |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Avocadenofuran   | 21.333 | 3.3     | ng/u1 | 219622   | 5                     | 21.557 | 1341200 | 20.0 |