

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040124\  
 Data File : BM044873.D  
 Acq On : 01 Apr 2024 19:54  
 Operator : MA/JU  
 Sample : P1925-26  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EB(20240328)

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-BM030524.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM044873.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         | 3.234       | 22            | 25          | 29           | rVB      | 21018          | 23249         | 0.93%           | 0.106%        |
| 2         | 3.640       | 91            | 94          | 105          | rBV      | 79245          | 148587        | 5.96%           | 0.675%        |
| 3         | 3.928       | 140           | 143         | 150          | rVB6     | 5821           | 11407         | 0.46%           | 0.052%        |
| 4         | 6.334       | 548           | 552         | 556          | rBV4     | 3609           | 4461          | 0.18%           | 0.020%        |
| 5         | 6.840       | 632           | 638         | 651          | rVB2     | 96649          | 174838        | 7.01%           | 0.794%        |
| 6         | 7.010       | 660           | 667         | 678          | rBV      | 364633         | 579254        | 23.23%          | 2.632%        |
| 7         | 7.193       | 691           | 698         | 708          | rBV      | 351973         | 569436        | 22.84%          | 2.587%        |
| 8         | 7.263       | 708           | 710         | 715          | rVB4     | 2384           | 3590          | 0.14%           | 0.016%        |
| 9         | 7.434       | 736           | 739         | 744          | rBV5     | 2191           | 4463          | 0.18%           | 0.020%        |
| 10        | 7.657       | 770           | 777         | 785          | rBV      | 283388         | 454154        | 18.21%          | 2.063%        |
| 11        | 7.722       | 786           | 788         | 794          | rVB6     | 3338           | 4774          | 0.19%           | 0.022%        |
| 12        | 8.369       | 890           | 898         | 907          | rBV      | 250140         | 441030        | 17.69%          | 2.004%        |
| 13        | 8.487       | 915           | 918         | 924          | rVB6     | 5630           | 10283         | 0.41%           | 0.047%        |
| 14        | 8.822       | 967           | 975         | 989          | rBV      | 421150         | 724488        | 29.06%          | 3.291%        |
| 15        | 8.981       | 999           | 1002        | 1006         | rVB6     | 2608           | 3130          | 0.13%           | 0.014%        |
| 16        | 9.534       | 1089          | 1096        | 1105         | rBV      | 333886         | 583357        | 23.40%          | 2.650%        |
| 17        | 9.828       | 1141          | 1146        | 1149         | rBV6     | 1923           | 3083          | 0.12%           | 0.014%        |
| 18        | 10.063      | 1179          | 1186        | 1210         | rBV      | 418678         | 769075        | 30.84%          | 3.494%        |
| 19        | 10.216      | 1210          | 1212        | 1218         | rVB7     | 2094           | 3051          | 0.12%           | 0.014%        |
| 20        | 10.434      | 1242          | 1249        | 1257         | rBV      | 373880         | 625491        | 25.09%          | 2.842%        |
| 21        | 10.586      | 1268          | 1275        | 1294         | rBV      | 371110         | 742445        | 29.78%          | 3.373%        |
| 22        | 10.881      | 1323          | 1325        | 1328         | rBV4     | 1824           | 2504          | 0.10%           | 0.011%        |
| 23        | 10.986      | 1337          | 1343        | 1349         | rBV      | 14363          | 30833         | 1.24%           | 0.140%        |
| 24        | 11.051      | 1349          | 1354        | 1364         | rVB      | 17108          | 40756         | 1.63%           | 0.185%        |
| 25        | 11.263      | 1385          | 1390        | 1391         | rBV4     | 4297           | 5540          | 0.22%           | 0.025%        |
| 26        | 11.334      | 1399          | 1402        | 1404         | rVB4     | 2296           | 2792          | 0.11%           | 0.013%        |
| 27        | 12.039      | 1517          | 1522        | 1531         | rVB4     | 6492           | 12117         | 0.49%           | 0.055%        |
| 28        | 13.204      | 1714          | 1720        | 1726         | rBV2     | 9363           | 15435         | 0.62%           | 0.070%        |
| 29        | 13.275      | 1729          | 1732        | 1738         | rBV7     | 1363           | 2992          | 0.12%           | 0.014%        |
| 30        | 13.592      | 1781          | 1786        | 1791         | rVB5     | 1554           | 3192          | 0.13%           | 0.015%        |
| 31        | 13.727      | 1802          | 1809        | 1820         | rBV      | 809159         | 1173958       | 47.08%          | 5.333%        |
| 32        | 13.998      | 1848          | 1855        | 1866         | rBV      | 946763         | 1429513       | 57.33%          | 6.494%        |
| 33        | 14.251      | 1895          | 1898        | 1901         | rBV4     | 3764           | 4704          | 0.19%           | 0.021%        |
| 34        | 14.304      | 1901          | 1907        | 1915         | rVB      | 519975         | 749350        | 30.05%          | 3.404%        |
| 35        | 14.557      | 1942          | 1950        | 1962         | rBV      | 34930          | 103537        | 4.15%           | 0.470%        |
| 36        | 14.786      | 1987          | 1989        | 1995         | rVB6     | 1835           | 2747          | 0.11%           | 0.012%        |

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 ClientSampleId :  
 EB(20240328)

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-BM030524.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.304 | 2068 | 2077 | 2087 | rBV  | 1208078 | 1762116 | 70.67%  | 8.006%  |
| 38 | 15.445 | 2094 | 2101 | 2114 | rBV  | 393397  | 592392  | 23.76%  | 2.691%  |
| 39 | 15.551 | 2116 | 2119 | 2122 | rVB3 | 3837    | 4629    | 0.19%   | 0.021%  |
| 40 | 16.039 | 2196 | 2202 | 2216 | rBV  | 22988   | 50563   | 2.03%   | 0.230%  |
| 41 | 16.551 | 2284 | 2289 | 2290 | rVB5 | 2314    | 2551    | 0.10%   | 0.012%  |
| 42 | 16.857 | 2335 | 2341 | 2343 | rVV5 | 2271    | 3215    | 0.13%   | 0.015%  |
| 43 | 17.063 | 2368 | 2376 | 2385 | rBV  | 641389  | 914623  | 36.68%  | 4.155%  |
| 44 | 17.163 | 2386 | 2393 | 2406 | rVV  | 1467057 | 2047572 | 82.12%  | 9.302%  |
| 45 | 17.363 | 2423 | 2427 | 2430 | rBV4 | 2766    | 3034    | 0.12%   | 0.014%  |
| 46 | 17.463 | 2440 | 2444 | 2448 | rBV5 | 3961    | 5490    | 0.22%   | 0.025%  |
| 47 | 17.739 | 2485 | 2491 | 2493 | rBV5 | 2168    | 4751    | 0.19%   | 0.022%  |
| 48 | 17.968 | 2525 | 2530 | 2539 | rBV2 | 49921   | 80769   | 3.24%   | 0.367%  |
| 49 | 18.039 | 2540 | 2542 | 2546 | rVB3 | 3297    | 4539    | 0.18%   | 0.021%  |
| 50 | 18.268 | 2576 | 2581 | 2584 | rBV7 | 1860    | 3678    | 0.15%   | 0.017%  |
| 51 | 18.345 | 2592 | 2594 | 2599 | rVB4 | 2235    | 2845    | 0.11%   | 0.013%  |
| 52 | 18.404 | 2600 | 2604 | 2609 | rVV6 | 4651    | 5920    | 0.24%   | 0.027%  |
| 53 | 18.833 | 2675 | 2677 | 2683 | rVV6 | 2100    | 3556    | 0.14%   | 0.016%  |
| 54 | 19.027 | 2706 | 2710 | 2716 | rBV2 | 15647   | 20469   | 0.82%   | 0.093%  |
| 55 | 19.098 | 2718 | 2722 | 2725 | rBV2 | 13501   | 20392   | 0.82%   | 0.093%  |
| 56 | 19.139 | 2725 | 2729 | 2742 | rVV  | 163588  | 231167  | 9.27%   | 1.050%  |
| 57 | 19.257 | 2745 | 2749 | 2756 | rBV4 | 31127   | 51475   | 2.06%   | 0.234%  |
| 58 | 19.409 | 2773 | 2775 | 2778 | rVB3 | 6675    | 4879    | 0.20%   | 0.022%  |
| 59 | 19.462 | 2778 | 2784 | 2793 | rBV  | 1715373 | 2309779 | 92.64%  | 10.494% |
| 60 | 21.262 | 3084 | 3090 | 3096 | rBV  | 731593  | 921043  | 36.94%  | 4.184%  |
| 61 | 23.350 | 3438 | 3445 | 3452 | rBV2 | 1355358 | 2493372 | 100.00% | 11.328% |
| 62 | 23.492 | 3463 | 3469 | 3478 | rVB  | 510894  | 1002852 | 40.22%  | 4.556%  |

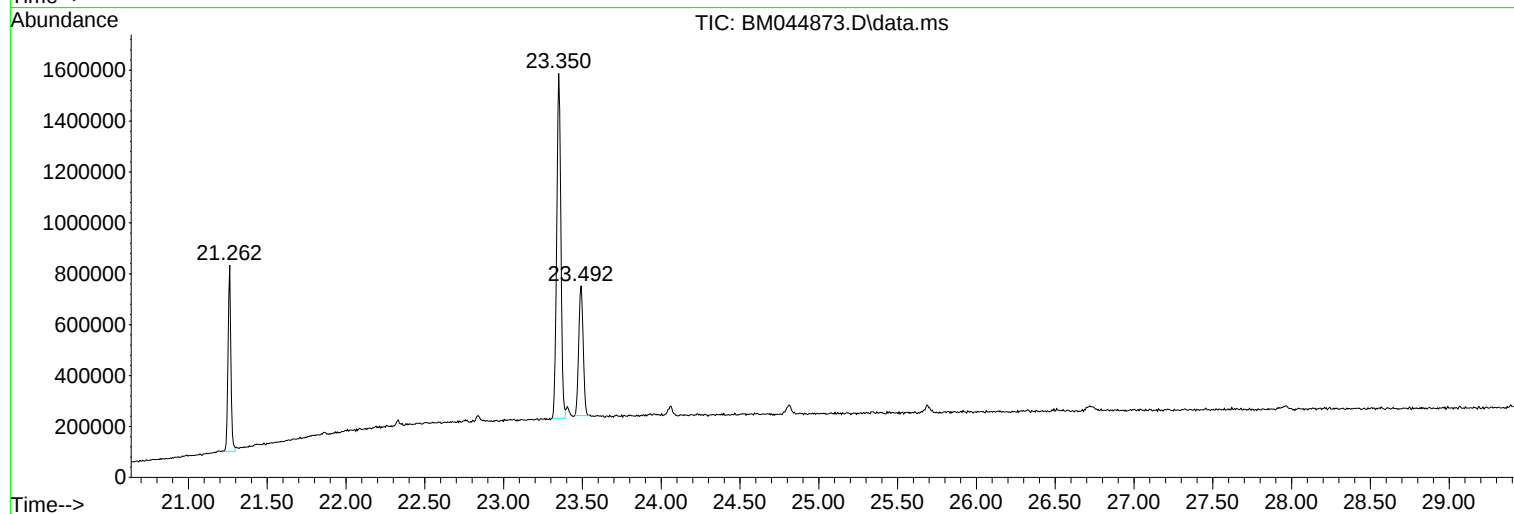
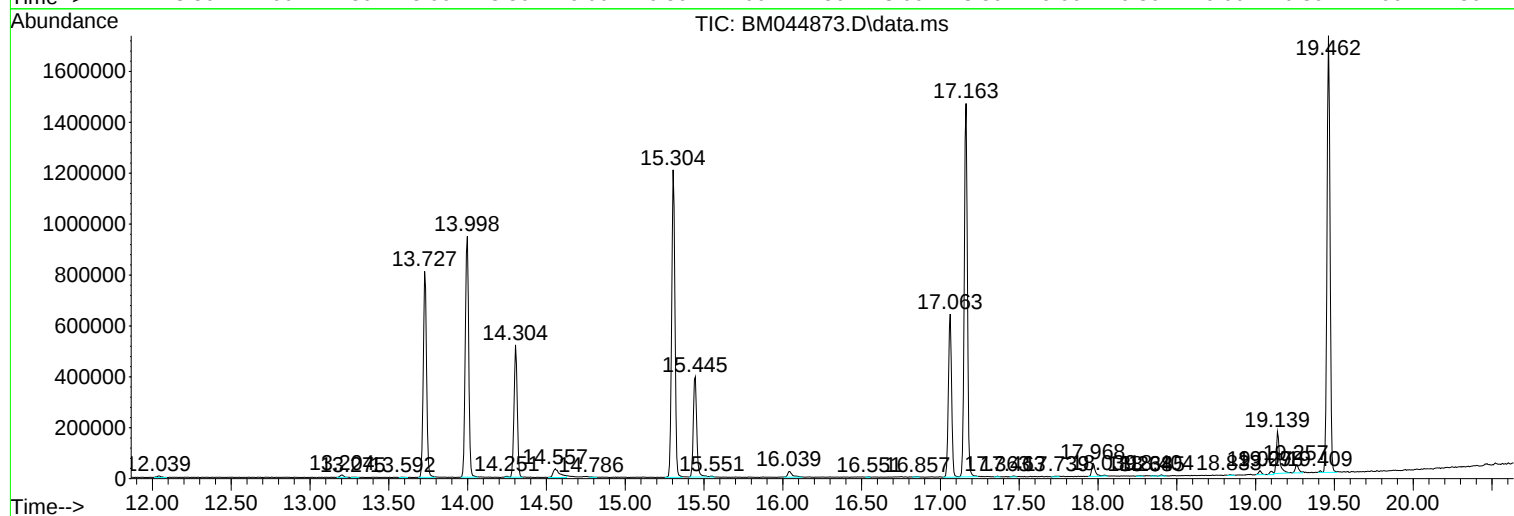
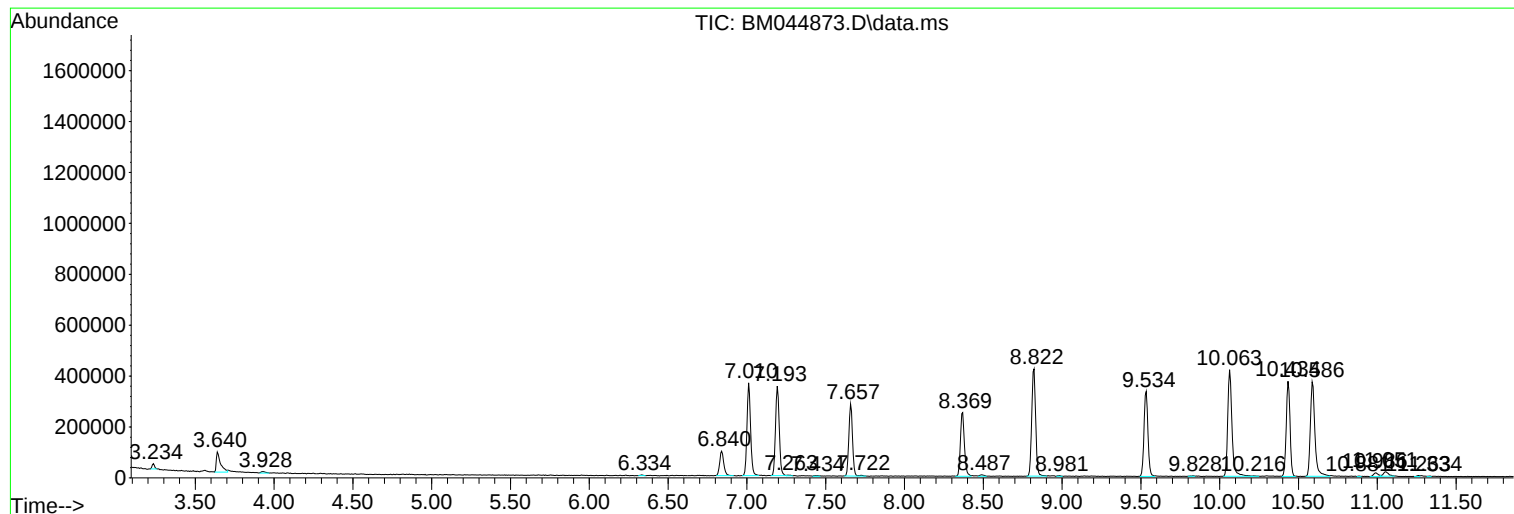
Sum of corrected areas: 22011287

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Misc :  
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Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
Quant Title : SVOA CALIBRATION

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



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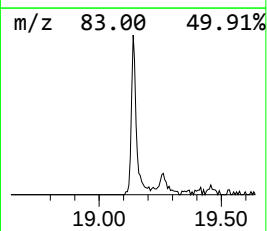
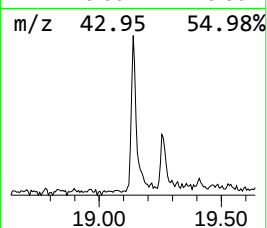
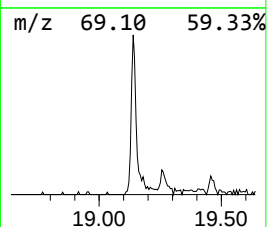
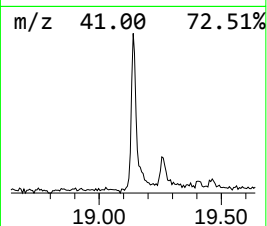
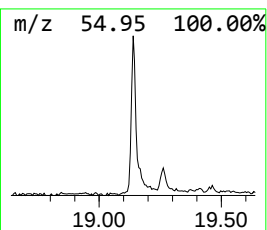
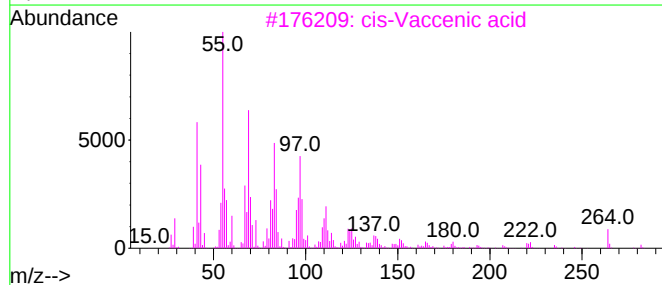
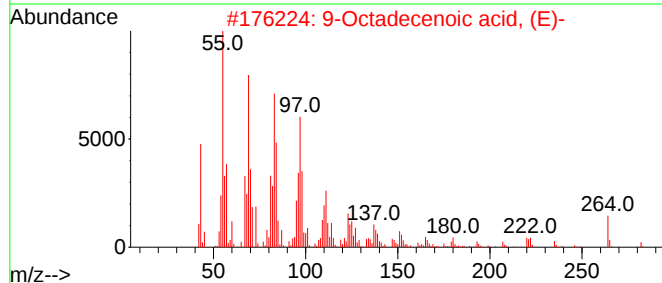
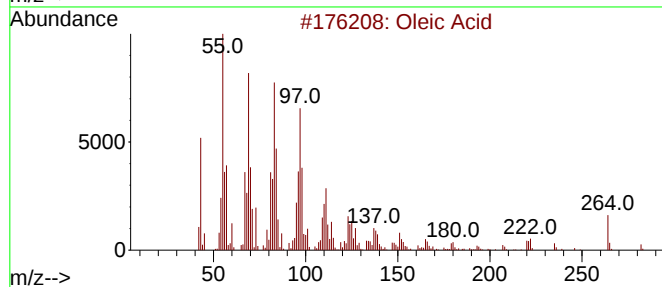
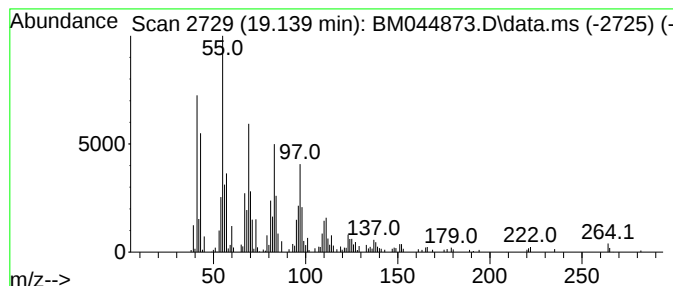
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Oleic Acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.139 | 5.05 ng/ul | 231167 | Phenanthrene-d10 | 17.063 |

| Hit# | of                        | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|---------------------------|---|--------------|-----|----------|-------------|------|
| 1    | Oleic Acid                |   |              | 282 | C18H34O2 | 000112-80-1 | 99   |
| 2    | 9-Octadecenoic acid, (E)- |   |              | 282 | C18H34O2 | 000112-79-8 | 99   |
| 3    | cis-Vaccenic acid         |   |              | 282 | C18H34O2 | 000506-17-2 | 98   |
| 4    | 9-Octadecenoic acid, (E)- |   |              | 282 | C18H34O2 | 000112-79-8 | 96   |
| 5    | Oleic Acid                |   |              | 282 | C18H34O2 | 000112-80-1 | 94   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Oleic Acid       | 19.139 | 5.0     | ng/ul | 231167   | 4                     | 17.063 | 914623 | 20.0 |