

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052721\  
 Data File : BM030213.D  
 Acq On : 27 May 2021 22:52  
 Operator : CG/JU  
 Sample : M2528-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YARK5

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-BM052621.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM030213.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         | 3.305       | 34            | 37          | 39           | rBV3     | 9802           | 12771         | 0.17%           | 0.019%        |
| 2         | 3.334       | 39            | 42          | 48           | rVB      | 46387          | 66387         | 0.90%           | 0.099%        |
| 3         | 3.981       | 147           | 152         | 161          | rVV      | 29025          | 50862         | 0.69%           | 0.076%        |
| 4         | 4.075       | 164           | 168         | 173          | rVB      | 18869          | 30094         | 0.41%           | 0.045%        |
| 5         | 4.175       | 181           | 185         | 190          | rBV7     | 11243          | 16056         | 0.22%           | 0.024%        |
| 6         | 4.604       | 254           | 258         | 265          | rVB2     | 17933          | 27494         | 0.37%           | 0.041%        |
| 7         | 4.993       | 320           | 324         | 330          | rVB2     | 7762           | 14317         | 0.19%           | 0.021%        |
| 8         | 6.263       | 535           | 540         | 547          | rVB5     | 10229          | 18754         | 0.25%           | 0.028%        |
| 9         | 7.028       | 664           | 670         | 680          | rBV      | 231420         | 407274        | 5.51%           | 0.607%        |
| 10        | 7.204       | 693           | 700         | 715          | rBV      | 845517         | 1400483       | 18.96%          | 2.087%        |
| 11        | 7.404       | 725           | 734         | 741          | rBV      | 893710         | 1436902       | 19.45%          | 2.141%        |
| 12        | 7.875       | 803           | 814         | 821          | rBV      | 986986         | 1617250       | 21.89%          | 2.410%        |
| 13        | 8.563       | 924           | 931         | 942          | rBV      | 680983         | 1094190       | 14.81%          | 1.630%        |
| 14        | 9.028       | 1000          | 1010        | 1019         | rBV      | 1056991        | 1770196       | 23.96%          | 2.638%        |
| 15        | 9.187       | 1034          | 1037        | 1045         | rVB7     | 10603          | 19441         | 0.26%           | 0.029%        |
| 16        | 9.451       | 1077          | 1082        | 1090         | rVB4     | 8857           | 16124         | 0.22%           | 0.024%        |
| 17        | 9.745       | 1124          | 1132        | 1144         | rBV      | 764865         | 1276815       | 17.28%          | 1.903%        |
| 18        | 10.075      | 1183          | 1188        | 1194         | rVB8     | 4571           | 7753          | 0.10%           | 0.012%        |
| 19        | 10.275      | 1214          | 1222        | 1240         | rBV      | 1280476        | 2185190       | 29.58%          | 3.256%        |
| 20        | 10.663      | 1279          | 1288        | 1297         | rVB      | 1477610        | 2448305       | 33.14%          | 3.648%        |
| 21        | 10.798      | 1300          | 1311        | 1319         | rBV      | 58993          | 111998        | 1.52%           | 0.167%        |
| 22        | 11.445      | 1415          | 1421        | 1424         | rBV8     | 4435           | 8656          | 0.12%           | 0.013%        |
| 23        | 11.939      | 1500          | 1505        | 1511         | rBV6     | 5481           | 11276         | 0.15%           | 0.017%        |
| 24        | 12.245      | 1552          | 1557        | 1563         | rVB3     | 28051          | 46637         | 0.63%           | 0.069%        |
| 25        | 12.863      | 1656          | 1662        | 1667         | rBV6     | 8436           | 15061         | 0.20%           | 0.022%        |
| 26        | 13.104      | 1698          | 1703        | 1708         | rVB4     | 13005          | 19124         | 0.26%           | 0.028%        |
| 27        | 13.386      | 1746          | 1751        | 1756         | rVV7     | 6921           | 14120         | 0.19%           | 0.021%        |
| 28        | 13.463      | 1759          | 1764        | 1769         | rVB5     | 7258           | 11338         | 0.15%           | 0.017%        |
| 29        | 13.898      | 1831          | 1838        | 1843         | rBV      | 2777167        | 3792904       | 51.35%          | 5.652%        |
| 30        | 13.945      | 1843          | 1846        | 1854         | rVB      | 187411         | 249965        | 3.38%           | 0.372%        |
| 31        | 14.186      | 1880          | 1887        | 1898         | rVB      | 3171339        | 4485952       | 60.73%          | 6.684%        |
| 32        | 14.345      | 1910          | 1914        | 1918         | rBV5     | 8655           | 13321         | 0.18%           | 0.020%        |
| 33        | 14.392      | 1920          | 1922        | 1928         | rVB7     | 6498           | 9126          | 0.12%           | 0.014%        |
| 34        | 14.492      | 1932          | 1939        | 1950         | rVB      | 2358520        | 3452048       | 46.73%          | 5.144%        |
| 35        | 14.669      | 1963          | 1969        | 1975         | rBV      | 188308         | 292111        | 3.95%           | 0.435%        |
| 36        | 14.898      | 2005          | 2008        | 2012         | rBV6     | 5983           | 9507          | 0.13%           | 0.014%        |

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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-BM052621.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.304 | 2071 | 2077 | 2081 | rBV3 | 15335   | 28931   | 0.39%   | 0.043%  |
| 38 | 15.480 | 2100 | 2107 | 2115 | rBV  | 4191552 | 6019966 | 81.49%  | 8.970%  |
| 39 | 15.592 | 2117 | 2126 | 2139 | rVV  | 1076275 | 1536976 | 20.81%  | 2.290%  |
| 40 | 15.721 | 2143 | 2148 | 2157 | rVB2 | 50149   | 79282   | 1.07%   | 0.118%  |
| 41 | 15.839 | 2165 | 2168 | 2173 | rVB5 | 8708    | 12024   | 0.16%   | 0.018%  |
| 42 | 16.157 | 2218 | 2222 | 2225 | rBV6 | 8426    | 15019   | 0.20%   | 0.022%  |
| 43 | 16.263 | 2236 | 2240 | 2245 | rBV5 | 16887   | 25777   | 0.35%   | 0.038%  |
| 44 | 16.468 | 2272 | 2275 | 2282 | rVB5 | 6870    | 13524   | 0.18%   | 0.020%  |
| 45 | 16.910 | 2347 | 2350 | 2354 | rBV5 | 7718    | 7986    | 0.11%   | 0.012%  |
| 46 | 16.992 | 2359 | 2364 | 2374 | rBV2 | 99142   | 176326  | 2.39%   | 0.263%  |
| 47 | 17.227 | 2397 | 2404 | 2413 | rBV  | 2711393 | 3918407 | 53.04%  | 5.839%  |
| 48 | 17.327 | 2414 | 2421 | 2431 | rBV  | 4644272 | 6719275 | 90.96%  | 10.012% |
| 49 | 17.510 | 2449 | 2452 | 2459 | rVB4 | 7862    | 11261   | 0.15%   | 0.017%  |
| 50 | 17.586 | 2461 | 2465 | 2470 | rBV2 | 15868   | 26541   | 0.36%   | 0.040%  |
| 51 | 17.892 | 2513 | 2517 | 2521 | rBV7 | 12648   | 18265   | 0.25%   | 0.027%  |
| 52 | 18.110 | 2549 | 2554 | 2563 | rBV  | 201468  | 328030  | 4.44%   | 0.489%  |
| 53 | 18.186 | 2564 | 2567 | 2572 | rVB  | 20903   | 31858   | 0.43%   | 0.047%  |
| 54 | 19.239 | 2742 | 2746 | 2754 | rBV  | 59895   | 100900  | 1.37%   | 0.150%  |
| 55 | 19.380 | 2767 | 2770 | 2775 | rBV5 | 42237   | 61393   | 0.83%   | 0.091%  |
| 56 | 19.492 | 2785 | 2789 | 2794 | rBV2 | 49666   | 80593   | 1.09%   | 0.120%  |
| 57 | 19.609 | 2802 | 2809 | 2815 | rBV  | 5465082 | 7387018 | 100.00% | 11.007% |
| 58 | 21.092 | 3057 | 3061 | 3067 | rBV2 | 346612  | 526170  | 7.12%   | 0.784%  |
| 59 | 21.380 | 3105 | 3110 | 3118 | rBV  | 2914046 | 3732126 | 50.52%  | 5.561%  |
| 60 | 23.527 | 3468 | 3475 | 3486 | rVB2 | 3289311 | 6358838 | 86.08%  | 9.475%  |
| 61 | 23.674 | 3494 | 3500 | 3510 | rVB2 | 1813489 | 3436004 | 46.51%  | 5.120%  |

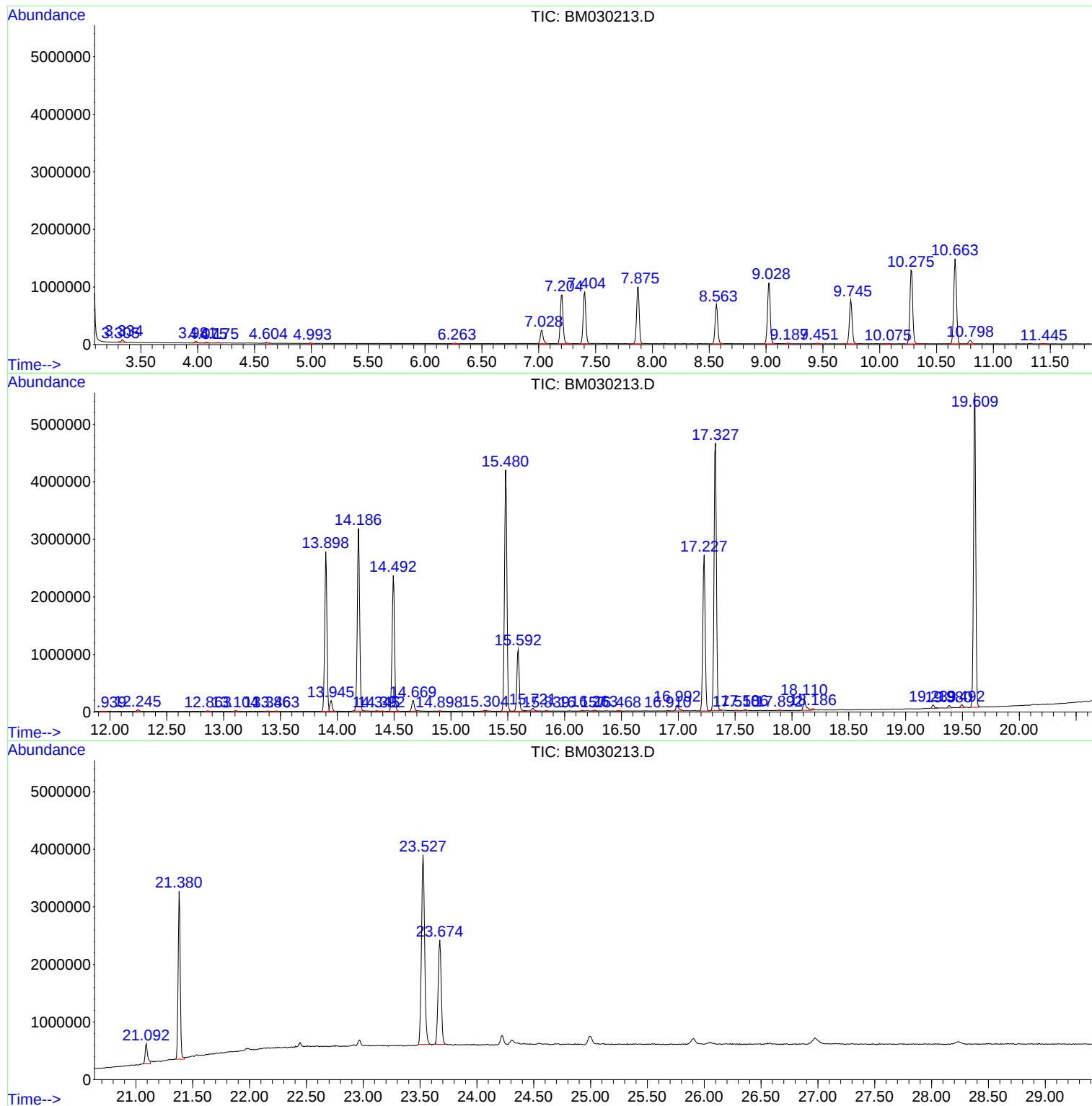
Sum of corrected areas: 67112292

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM052621.M  
Quant Title : SVOA CALIBRATION

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



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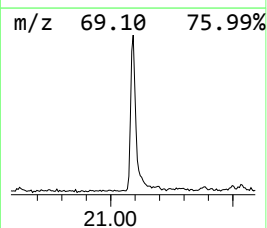
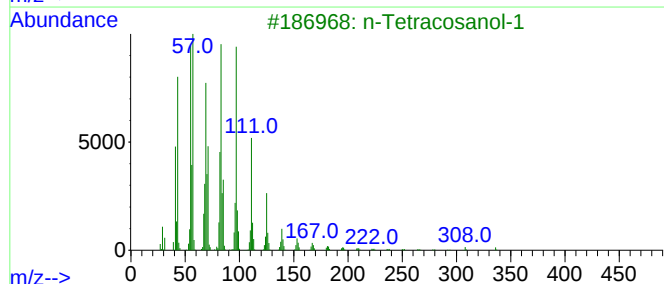
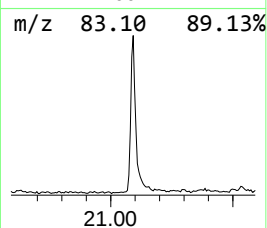
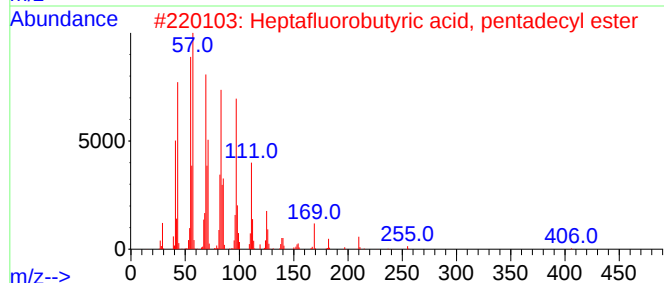
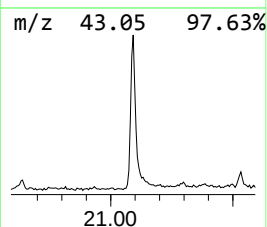
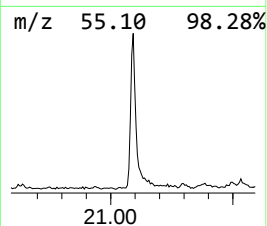
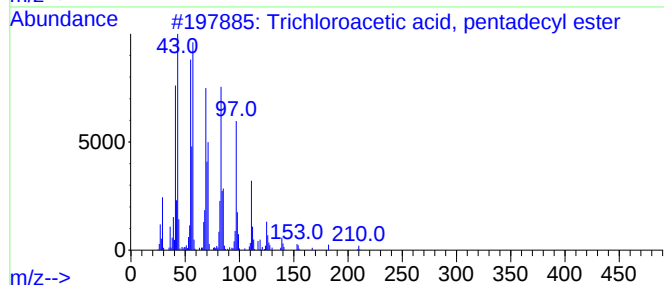
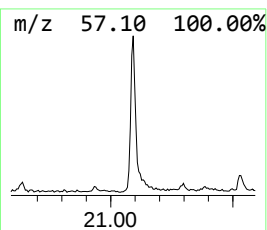
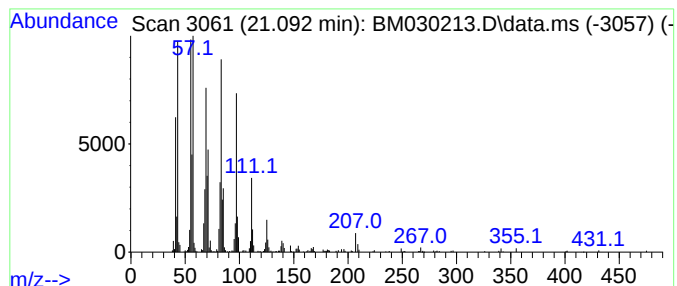
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM052621.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Trichloroacetic acid, penta... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.090 | 2.82 ng/ul | 526170 | Chrysene-d12     | 21.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 94   |
| 2    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2  | 959261-23-5 | 94   |
| 3    |    |   | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4 | 94   |
| 4    |    |   | Cyclotetracosane                    | 336 | C24H48      | 000297-03-0 | 93   |
| 5    |    |   | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2  | 005454-48-8 | 91   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Trichloroacetic... | 21.090 | 2.8     | ng/ul | 526170   | 5                     | 21.380 | 3732130 | 20.0 |