

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080824\  
 Data File : BG062344.D  
 Acq On : 9 Aug 2024 2:28  
 Operator : MA/JU  
 Sample : P3434-09  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E05Z0

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-BG080524.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG062344.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       | 20            | 23          | 27           | rVB3     | 6099           | 8102          | 0.56%           | 0.053%        |
| 2         | 3.686       | 65            | 68          | 74           | rBV3     | 5146           | 8224          | 0.57%           | 0.054%        |
| 3         | 3.939       | 107           | 111         | 118          | rVB3     | 8534           | 13532         | 0.94%           | 0.089%        |
| 4         | 4.162       | 146           | 149         | 155          | rVB3     | 4101           | 6864          | 0.48%           | 0.045%        |
| 5         | 5.073       | 299           | 304         | 307          | rBV2     | 5493           | 8473          | 0.59%           | 0.055%        |
| 6         | 6.042       | 464           | 469         | 473          | rVV2     | 5519           | 7595          | 0.53%           | 0.050%        |
| 7         | 7.058       | 638           | 642         | 645          | rVV3     | 5818           | 9478          | 0.66%           | 0.062%        |
| 8         | 7.111       | 645           | 651         | 661          | rVV      | 155379         | 279345        | 19.37%          | 1.828%        |
| 9         | 7.282       | 673           | 680         | 688          | rBV      | 115396         | 202628        | 14.05%          | 1.326%        |
| 10        | 7.487       | 708           | 715         | 723          | rBV      | 143537         | 245640        | 17.04%          | 1.608%        |
| 11        | 7.605       | 729           | 735         | 742          | rVB5     | 9659           | 21498         | 1.49%           | 0.141%        |
| 12        | 7.957       | 788           | 795         | 802          | rBV      | 228130         | 389624        | 27.02%          | 2.550%        |
| 13        | 8.016       | 802           | 805         | 811          | rVB5     | 5215           | 7697          | 0.53%           | 0.050%        |
| 14        | 8.650       | 906           | 913         | 921          | rBV      | 152808         | 262697        | 18.22%          | 1.719%        |
| 15        | 8.774       | 927           | 934         | 943          | rBV      | 28489          | 51466         | 3.57%           | 0.337%        |
| 16        | 9.103       | 983           | 990         | 999          | rBV      | 140785         | 251015        | 17.41%          | 1.643%        |
| 17        | 9.667       | 1080          | 1086        | 1094         | rVB      | 21990          | 33416         | 2.32%           | 0.219%        |
| 18        | 9.831       | 1107          | 1114        | 1122         | rBV      | 111462         | 200173        | 13.88%          | 1.310%        |
| 19        | 9.954       | 1129          | 1135        | 1145         | rBV3     | 4066           | 10417         | 0.72%           | 0.068%        |
| 20        | 10.189      | 1169          | 1175        | 1179         | rBV3     | 4375           | 7130          | 0.49%           | 0.047%        |
| 21        | 10.366      | 1198          | 1205        | 1218         | rVB      | 188880         | 343355        | 23.81%          | 2.247%        |
| 22        | 10.747      | 1263          | 1270        | 1277         | rBV      | 360505         | 649361        | 45.03%          | 4.250%        |
| 23        | 10.794      | 1277          | 1278        | 1283         | rVV      | 8903           | 11116         | 0.77%           | 0.073%        |
| 24        | 10.877      | 1283          | 1292        | 1303         | rVV      | 147557         | 279995        | 19.42%          | 1.833%        |
| 25        | 11.282      | 1354          | 1361        | 1366         | rVB4     | 9906           | 16067         | 1.11%           | 0.105%        |
| 26        | 11.482      | 1389          | 1395        | 1401         | rBV      | 34772          | 59986         | 4.16%           | 0.393%        |
| 27        | 12.334      | 1535          | 1540        | 1547         | rVB4     | 3621           | 6717          | 0.47%           | 0.044%        |
| 28        | 12.404      | 1547          | 1552        | 1557         | rBV2     | 4443           | 7183          | 0.50%           | 0.047%        |
| 29        | 13.420      | 1720          | 1725        | 1728         | rBV2     | 5187           | 7787          | 0.54%           | 0.051%        |
| 30        | 13.978      | 1814          | 1820        | 1828         | rVB      | 361406         | 513808        | 35.63%          | 3.363%        |
| 31        | 14.266      | 1856          | 1869        | 1878         | rBV      | 422218         | 658728        | 45.68%          | 4.312%        |
| 32        | 14.489      | 1902          | 1907        | 1910         | rVB4     | 3759           | 6025          | 0.42%           | 0.039%        |
| 33        | 14.572      | 1914          | 1921        | 1929         | rVV      | 658292         | 1001347       | 69.44%          | 6.554%        |
| 34        | 14.748      | 1943          | 1951        | 1955         | rBV      | 116290         | 194312        | 13.48%          | 1.272%        |
| 35        | 14.907      | 1973          | 1978        | 1984         | rBV5     | 5599           | 8832          | 0.61%           | 0.058%        |
| 36        | 14.983      | 1986          | 1991        | 1998         | rBV7     | 9954           | 16370         | 1.14%           | 0.107%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |        |         |        |        |
|----|--------|------|------|------|-------|--------|---------|--------|--------|
| 37 | 15.382 | 2053 | 2059 | 2062 | rVV5  | 4967   | 8162    | 0.57%  | 0.053% |
| 38 | 15.435 | 2064 | 2068 | 2072 | rVV2  | 5045   | 6080    | 0.42%  | 0.040% |
| 39 | 15.506 | 2076 | 2080 | 2083 | rVV2  | 11684  | 15856   | 1.10%  | 0.104% |
| 40 | 15.564 | 2083 | 2090 | 2096 | rVV   | 563855 | 835237  | 57.92% | 5.467% |
| 41 | 15.670 | 2102 | 2108 | 2117 | rBV   | 89090  | 136158  | 9.44%  | 0.891% |
| 42 | 16.299 | 2209 | 2215 | 2216 | rBV   | 8985   | 11982   | 0.83%  | 0.078% |
| 43 | 16.857 | 2306 | 2310 | 2318 | rBV8  | 8071   | 17191   | 1.19%  | 0.113% |
| 44 | 17.021 | 2335 | 2338 | 2341 | rBV5  | 4314   | 6171    | 0.43%  | 0.040% |
| 45 | 17.086 | 2345 | 2349 | 2354 | rBV4  | 6510   | 9755    | 0.68%  | 0.064% |
| 46 | 17.215 | 2367 | 2371 | 2376 | rBV3  | 10683  | 17606   | 1.22%  | 0.115% |
| 47 | 17.309 | 2379 | 2387 | 2393 | rVV   | 761169 | 1187040 | 82.32% | 7.770% |
| 48 | 17.356 | 2393 | 2395 | 2398 | rVV2  | 38994  | 44922   | 3.12%  | 0.294% |
| 49 | 17.409 | 2398 | 2404 | 2413 | rVV   | 578504 | 851854  | 59.08% | 5.576% |
| 50 | 17.497 | 2416 | 2419 | 2424 | rVV6  | 4233   | 6606    | 0.46%  | 0.043% |
| 51 | 17.826 | 2472 | 2475 | 2478 | rVV3  | 6315   | 7439    | 0.52%  | 0.049% |
| 52 | 17.991 | 2499 | 2503 | 2507 | rVB4  | 6322   | 8443    | 0.59%  | 0.055% |
| 53 | 18.096 | 2516 | 2521 | 2526 | rBV7  | 9959   | 22684   | 1.57%  | 0.148% |
| 54 | 18.149 | 2526 | 2530 | 2532 | rVV4  | 13193  | 17517   | 1.21%  | 0.115% |
| 55 | 18.179 | 2532 | 2535 | 2536 | rVV3  | 16972  | 19917   | 1.38%  | 0.130% |
| 56 | 18.214 | 2536 | 2541 | 2551 | rVV2  | 143790 | 247453  | 17.16% | 1.620% |
| 57 | 18.278 | 2551 | 2552 | 2556 | rVV3  | 10514  | 12960   | 0.90%  | 0.085% |
| 58 | 18.314 | 2556 | 2558 | 2564 | rVV6  | 7583   | 14440   | 1.00%  | 0.095% |
| 59 | 18.372 | 2564 | 2568 | 2573 | rVV8  | 10436  | 21285   | 1.48%  | 0.139% |
| 60 | 18.419 | 2573 | 2576 | 2582 | rVB6  | 6688   | 9778    | 0.68%  | 0.064% |
| 61 | 18.519 | 2588 | 2593 | 2599 | rBV5  | 9397   | 18953   | 1.31%  | 0.124% |
| 62 | 18.690 | 2617 | 2622 | 2631 | rVV10 | 9845   | 23622   | 1.64%  | 0.155% |
| 63 | 18.772 | 2631 | 2636 | 2643 | rVB4  | 15028  | 27813   | 1.93%  | 0.182% |
| 64 | 19.001 | 2669 | 2675 | 2677 | rBV2  | 9300   | 14966   | 1.04%  | 0.098% |
| 65 | 19.089 | 2686 | 2690 | 2695 | rVB4  | 18402  | 26320   | 1.83%  | 0.172% |
| 66 | 19.142 | 2695 | 2699 | 2705 | rBV7  | 7420   | 12609   | 0.87%  | 0.083% |
| 67 | 19.259 | 2712 | 2719 | 2725 | rBV9  | 13346  | 27864   | 1.93%  | 0.182% |
| 68 | 19.359 | 2728 | 2736 | 2745 | rVB   | 84053  | 135663  | 9.41%  | 0.888% |
| 69 | 19.483 | 2754 | 2757 | 2764 | rBV3  | 42690  | 63060   | 4.37%  | 0.413% |
| 70 | 19.694 | 2786 | 2793 | 2802 | rBV   | 608690 | 1004100 | 69.63% | 6.572% |
| 71 | 19.800 | 2808 | 2811 | 2817 | rVB7  | 5541   | 7410    | 0.51%  | 0.049% |
| 72 | 20.035 | 2848 | 2851 | 2853 | rBV4  | 5640   | 6377    | 0.44%  | 0.042% |
| 73 | 20.211 | 2877 | 2881 | 2885 | rVV3  | 16728  | 22621   | 1.57%  | 0.148% |
| 74 | 20.246 | 2885 | 2887 | 2891 | rVB   | 10841  | 12610   | 0.87%  | 0.083% |
| 75 | 20.311 | 2894 | 2898 | 2903 | rBV5  | 8659   | 11622   | 0.81%  | 0.076% |
| 76 | 20.370 | 2903 | 2908 | 2911 | rBV5  | 8743   | 12809   | 0.89%  | 0.084% |

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Integrator: RTE

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 20.675 | 2956 | 2960 | 2963 | rVB6 | 8019   | 9345    | 0.65%   | 0.061% |
| 78  | 20.740 | 2967 | 2971 | 2975 | rVV4 | 17733  | 24731   | 1.72%   | 0.162% |
| 79  | 20.775 | 2975 | 2977 | 2984 | rVB7 | 5645   | 8960    | 0.62%   | 0.059% |
| 80  | 20.963 | 3007 | 3009 | 3013 | rVV5 | 7356   | 10434   | 0.72%   | 0.068% |
| 81  | 21.139 | 3037 | 3039 | 3044 | rVB3 | 7438   | 10445   | 0.72%   | 0.068% |
| 82  | 21.186 | 3044 | 3047 | 3050 | rBV5 | 7497   | 11143   | 0.77%   | 0.073% |
| 83  | 21.227 | 3050 | 3054 | 3061 | rBV3 | 72934  | 129178  | 8.96%   | 0.846% |
| 84  | 21.462 | 3092 | 3094 | 3100 | rVB4 | 11111  | 11827   | 0.82%   | 0.077% |
| 85  | 21.550 | 3100 | 3109 | 3115 | rBV2 | 827651 | 1441950 | 100.00% | 9.438% |
| 86  | 21.774 | 3144 | 3147 | 3150 | rBV3 | 18214  | 24826   | 1.72%   | 0.162% |
| 87  | 22.338 | 3238 | 3243 | 3244 | rBV5 | 10537  | 19414   | 1.35%   | 0.127% |
| 88  | 22.367 | 3244 | 3248 | 3259 | rVB3 | 34417  | 81171   | 5.63%   | 0.531% |
| 89  | 22.520 | 3270 | 3274 | 3280 | rBV3 | 20776  | 40154   | 2.78%   | 0.263% |
| 90  | 23.037 | 3358 | 3362 | 3368 | rVB2 | 21848  | 31093   | 2.16%   | 0.204% |
| 91  | 23.548 | 3446 | 3449 | 3450 | rBV3 | 5557   | 6155    | 0.43%   | 0.040% |
| 92  | 23.659 | 3460 | 3468 | 3476 | rBV2 | 43267  | 141722  | 9.83%   | 0.928% |
| 93  | 23.812 | 3487 | 3494 | 3500 | rBV2 | 35576  | 76794   | 5.33%   | 0.503% |
| 94  | 24.353 | 3578 | 3586 | 3588 | rBV4 | 13629  | 30075   | 2.09%   | 0.197% |
| 95  | 24.417 | 3588 | 3597 | 3607 | rVV  | 261840 | 691123  | 47.93%  | 4.524% |
| 96  | 24.635 | 3623 | 3634 | 3644 | rBV  | 523398 | 1428879 | 99.09%  | 9.352% |
| 97  | 24.729 | 3646 | 3650 | 3657 | rVB4 | 26158  | 56396   | 3.91%   | 0.369% |
| 98  | 25.815 | 3829 | 3835 | 3844 | rVB2 | 28426  | 77951   | 5.41%   | 0.510% |
| 99  | 27.125 | 4050 | 4058 | 4066 | rVB6 | 17439  | 55833   | 3.87%   | 0.365% |
| 100 | 28.694 | 4317 | 4325 | 4338 | rVB6 | 22497  | 87515   | 6.07%   | 0.573% |

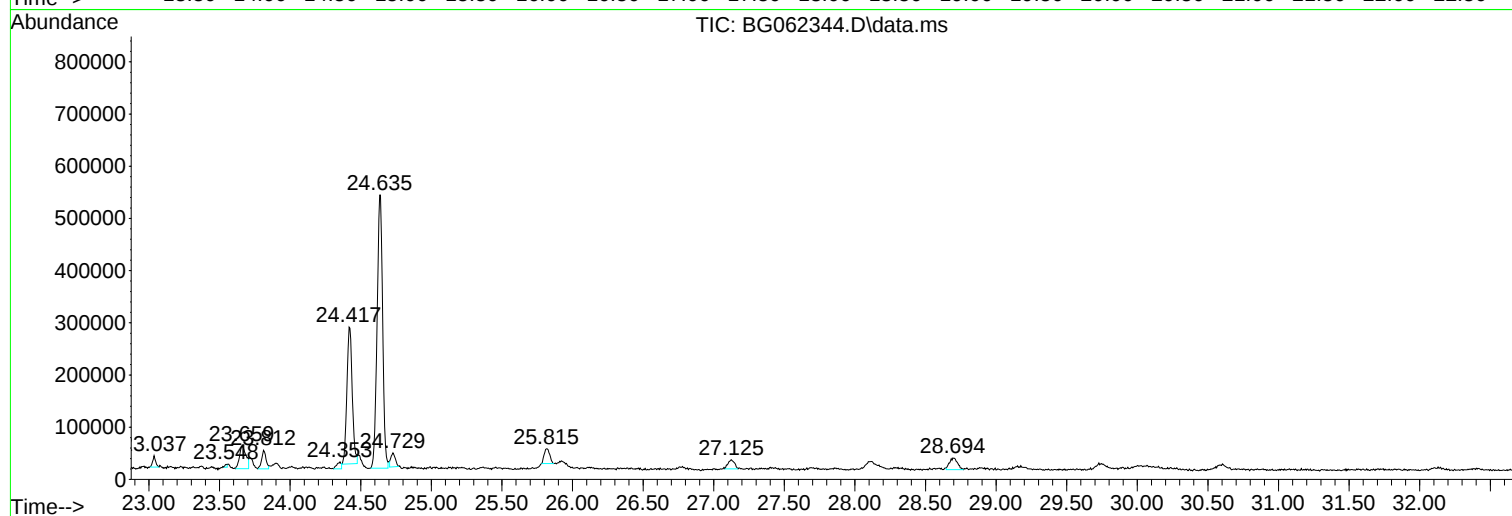
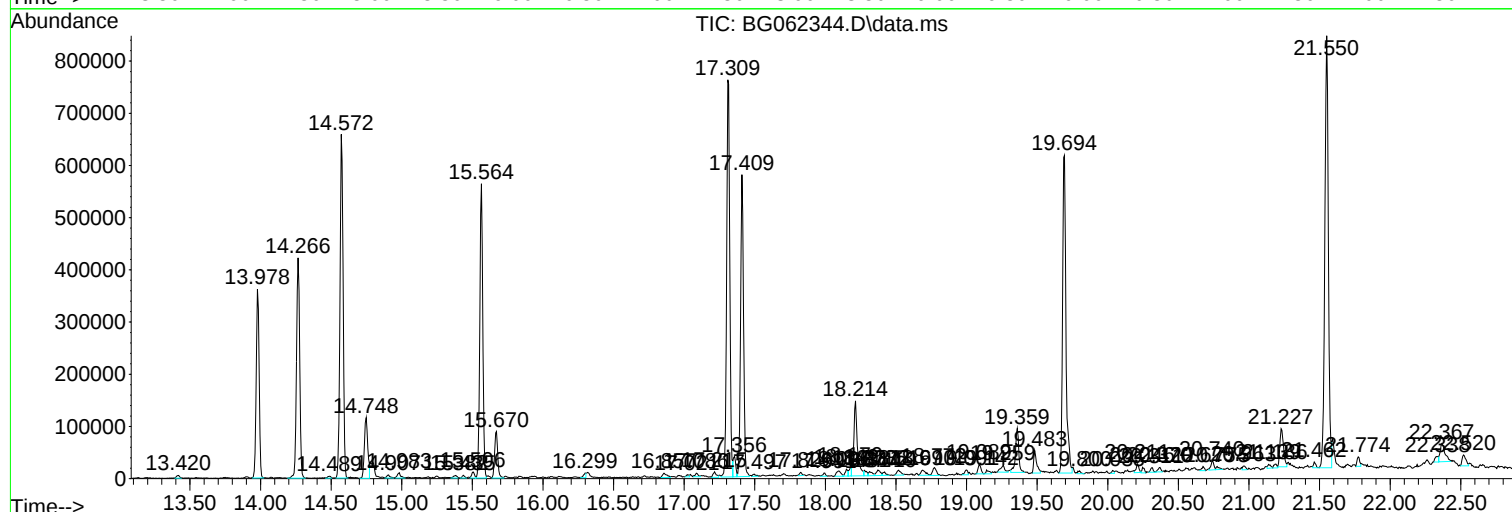
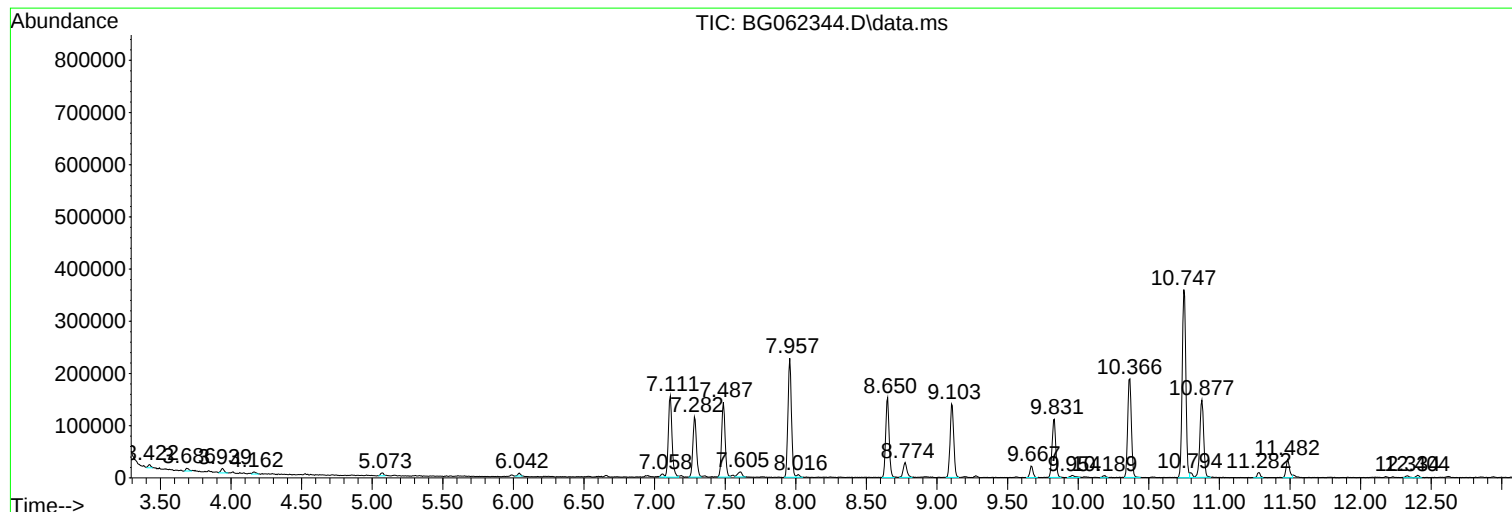
Sum of corrected areas: 15278072

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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



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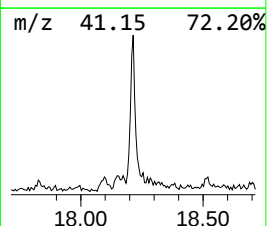
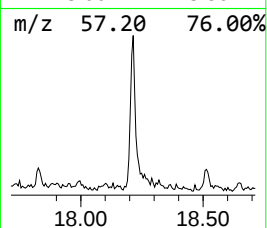
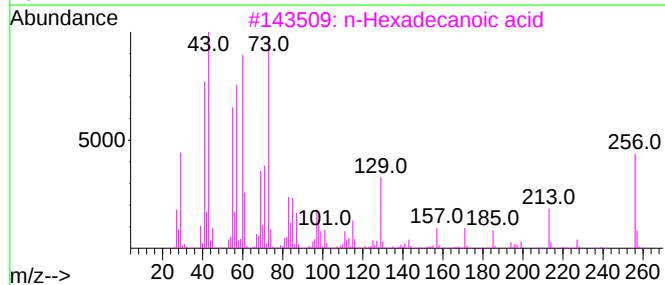
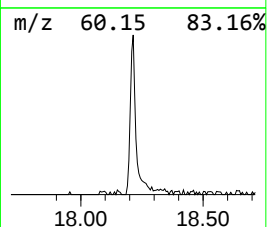
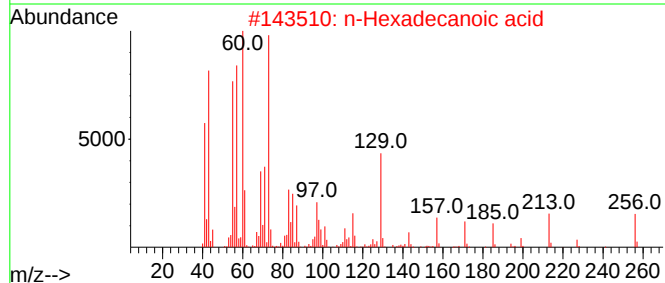
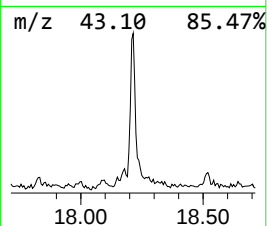
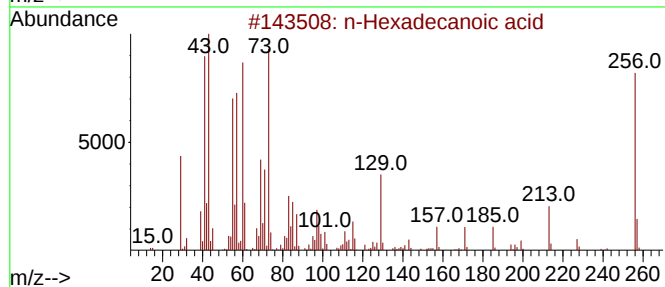
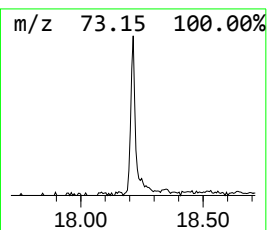
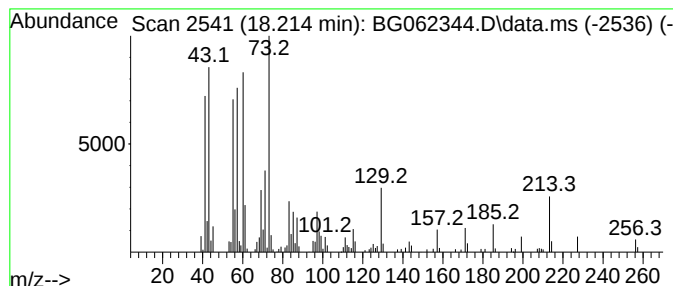
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.214 | 4.17 ng/ul | 247453 | Phenanthrene-d10 | 17.315 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 93      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 87      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 83      |      |      |
| 5    | Pentadecanoic acid  | 242 | C15H30O2     | 001002-84-2 | 81      |      |      |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.214 | 4.2     | ng/u1 | 247453   | 4                     | 17.315 | 1187040 | 20.0 |