

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061124\  
 Data File : BM045985.D  
 Acq On : 11 Jun 2024 20:58  
 Operator : MA/JU  
 Sample : P2642-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BH6

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-BM053124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM045985.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         | 3.040       | 6             | 9           | 15           | rBV3     | 20880          | 29830         | 1.03%           | 0.087%        |
| 2         | 3.457       | 77            | 80          | 99           | rBV      | 161763         | 434164        | 15.06%          | 1.269%        |
| 3         | 3.722       | 123           | 125         | 130          | rVB3     | 8440           | 11215         | 0.39%           | 0.033%        |
| 4         | 4.146       | 193           | 197         | 203          | rVB2     | 21894          | 33782         | 1.17%           | 0.099%        |
| 5         | 4.651       | 280           | 283         | 284          | rVB2     | 4432           | 3613          | 0.13%           | 0.011%        |
| 6         | 4.669       | 284           | 286         | 291          | rBV6     | 3003           | 3968          | 0.14%           | 0.012%        |
| 7         | 5.657       | 451           | 454         | 456          | rBV4     | 4602           | 5582          | 0.19%           | 0.016%        |
| 8         | 6.593       | 608           | 613         | 615          | rBV5     | 5042           | 7452          | 0.26%           | 0.022%        |
| 9         | 6.645       | 620           | 622         | 624          | rVV3     | 3110           | 3381          | 0.12%           | 0.010%        |
| 10        | 6.692       | 624           | 630         | 644          | rVV      | 404386         | 814810        | 28.26%          | 2.381%        |
| 11        | 6.804       | 644           | 649         | 671          | rVB      | 283967         | 568766        | 19.73%          | 1.662%        |
| 12        | 6.998       | 676           | 682         | 696          | rBV      | 434107         | 754871        | 26.18%          | 2.206%        |
| 13        | 7.234       | 719           | 722         | 726          | rVV6     | 2566           | 4197          | 0.15%           | 0.012%        |
| 14        | 7.440       | 750           | 757         | 767          | rBV      | 479655         | 808219        | 28.03%          | 2.362%        |
| 15        | 7.569       | 775           | 779         | 783          | rVB7     | 4431           | 7146          | 0.25%           | 0.021%        |
| 16        | 8.210       | 881           | 888         | 907          | rBV      | 509525         | 963741        | 33.43%          | 2.816%        |
| 17        | 8.457       | 926           | 930         | 932          | rBV5     | 2384           | 3371          | 0.12%           | 0.010%        |
| 18        | 8.604       | 948           | 955         | 966          | rBV      | 467797         | 805902        | 27.95%          | 2.355%        |
| 19        | 8.681       | 966           | 968         | 972          | rVV5     | 7518           | 12205         | 0.42%           | 0.036%        |
| 20        | 8.804       | 987           | 989         | 991          | rVV3     | 3952           | 4529          | 0.16%           | 0.013%        |
| 21        | 8.828       | 991           | 993         | 997          | rVV5     | 3719           | 3563          | 0.12%           | 0.010%        |
| 22        | 9.045       | 1028          | 1030        | 1033         | rBV3     | 2817           | 3355          | 0.12%           | 0.010%        |
| 23        | 9.216       | 1055          | 1059        | 1060         | rVV3     | 6338           | 8012          | 0.28%           | 0.023%        |
| 24        | 9.251       | 1061          | 1065        | 1070         | rVV6     | 14221          | 34651         | 1.20%           | 0.101%        |
| 25        | 9.316       | 1070          | 1076        | 1090         | rVB      | 372397         | 665952        | 23.10%          | 1.946%        |
| 26        | 9.869       | 1163          | 1170        | 1186         | rBV      | 467346         | 957137        | 33.20%          | 2.797%        |
| 27        | 10.204      | 1219          | 1227        | 1241         | rBV      | 694743         | 1198547       | 41.57%          | 3.502%        |
| 28        | 10.392      | 1252          | 1259        | 1277         | rBV      | 373499         | 902236        | 31.29%          | 2.636%        |
| 29        | 10.869      | 1337          | 1340        | 1343         | rVB4     | 4939           | 5611          | 0.19%           | 0.016%        |
| 30        | 11.028      | 1361          | 1367        | 1377         | rBV3     | 25178          | 64420         | 2.23%           | 0.188%        |
| 31        | 11.104      | 1378          | 1380        | 1383         | rVB4     | 3987           | 3353          | 0.12%           | 0.010%        |
| 32        | 11.310      | 1412          | 1415        | 1417         | rVB4     | 3093           | 3306          | 0.11%           | 0.010%        |
| 33        | 11.345      | 1417          | 1421        | 1422         | rBV3     | 2609           | 3358          | 0.12%           | 0.010%        |
| 34        | 11.622      | 1464          | 1468        | 1470         | rVV3     | 2748           | 3593          | 0.12%           | 0.010%        |
| 35        | 11.692      | 1475          | 1480        | 1486         | rVB8     | 5081           | 10310         | 0.36%           | 0.030%        |
| 36        | 11.822      | 1499          | 1502        | 1506         | rBV6     | 9700           | 15531         | 0.54%           | 0.045%        |

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 A4BH6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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-BM053124.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 11.969 | 1524 | 1527 | 1530 | rVB4 | 3172 | 3247 | 0.11% | 0.009% |
| 38 | 12.139 | 1554 | 1556 | 1559 | rBV4 | 2729 | 3242 | 0.11% | 0.009% |
| 39 | 12.516 | 1615 | 1620 | 1622 | rVB5 | 3401 | 5288 | 0.18% | 0.015% |
| 40 | 12.663 | 1642 | 1645 | 1648 | rVB5 | 2692 | 3360 | 0.12% | 0.010% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 41 | 12.927 | 1687 | 1690 | 1696 | rBV5 | 6958    | 9392    | 0.33%  | 0.027% |
| 42 | 13.057 | 1709 | 1712 | 1718 | rVB6 | 3843    | 6317    | 0.22%  | 0.018% |
| 43 | 13.533 | 1787 | 1793 | 1806 | rBV  | 874561  | 1397651 | 48.47% | 4.084% |
| 44 | 13.774 | 1827 | 1834 | 1846 | rBV  | 1126459 | 1669241 | 57.89% | 4.877% |
| 45 | 14.010 | 1872 | 1874 | 1879 | rBV6 | 3772    | 4222    | 0.15%  | 0.012% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 46 | 14.086 | 1880 | 1887 | 1895 | rBV  | 1025618 | 1560789 | 54.13% | 4.560% |
| 47 | 14.351 | 1922 | 1932 | 1935 | rBV  | 379891  | 851825  | 29.54% | 2.489% |
| 48 | 14.386 | 1935 | 1938 | 1963 | rVB  | 383867  | 808462  | 28.04% | 2.362% |
| 49 | 14.686 | 1988 | 1989 | 1992 | rBV3 | 4217    | 3830    | 0.13%  | 0.011% |
| 50 | 14.898 | 2023 | 2025 | 2029 | rVB5 | 3300    | 4361    | 0.15%  | 0.013% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 14.945 | 2029 | 2033 | 2034 | rBV4 | 2688    | 3711    | 0.13%  | 0.011% |
| 52 | 14.963 | 2034 | 2036 | 2040 | rVB4 | 8069    | 9514    | 0.33%  | 0.028% |
| 53 | 15.086 | 2050 | 2057 | 2065 | rBV  | 1380749 | 2002642 | 69.46% | 5.852% |
| 54 | 15.227 | 2075 | 2081 | 2088 | rBV  | 364576  | 544100  | 18.87% | 1.590% |
| 55 | 15.321 | 2094 | 2097 | 2100 | rVB5 | 6697    | 8675    | 0.30%  | 0.025% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 56 | 15.415 | 2110 | 2113 | 2114 | rBV2 | 3558 | 4253  | 0.15% | 0.012% |
| 57 | 15.527 | 2128 | 2132 | 2137 | rVB8 | 5694 | 10050 | 0.35% | 0.029% |
| 58 | 15.657 | 2148 | 2154 | 2157 | rBV7 | 5191 | 7664  | 0.27% | 0.022% |
| 59 | 15.692 | 2157 | 2160 | 2165 | rBV6 | 3350 | 5376  | 0.19% | 0.016% |
| 60 | 15.780 | 2173 | 2175 | 2180 | rVB5 | 3707 | 5140  | 0.18% | 0.015% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 61 | 15.827 | 2180 | 2183 | 2187 | rBV6 | 8132 | 12591 | 0.44% | 0.037% |
| 62 | 15.863 | 2187 | 2189 | 2192 | rVV4 | 3189 | 3353  | 0.12% | 0.010% |
| 63 | 16.068 | 2222 | 2224 | 2232 | rVB9 | 2999 | 5838  | 0.20% | 0.017% |
| 64 | 16.192 | 2240 | 2245 | 2247 | rBV6 | 2557 | 4599  | 0.16% | 0.013% |
| 65 | 16.304 | 2259 | 2264 | 2267 | rBV7 | 5002 | 8658  | 0.30% | 0.025% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 66 | 16.415 | 2279 | 2283 | 2288 | rBV6 | 6139 | 12342 | 0.43% | 0.036% |
| 67 | 16.457 | 2288 | 2290 | 2292 | rVV3 | 4204 | 3600  | 0.12% | 0.011% |
| 68 | 16.504 | 2296 | 2298 | 2306 | rVB8 | 4618 | 8437  | 0.29% | 0.025% |
| 69 | 16.574 | 2306 | 2310 | 2313 | rBV6 | 4227 | 6001  | 0.21% | 0.018% |
| 70 | 16.621 | 2313 | 2318 | 2321 | rVV7 | 7021 | 11196 | 0.39% | 0.033% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 16.657 | 2321 | 2324 | 2328 | rVB6 | 7896    | 7616    | 0.26%  | 0.022% |
| 72 | 16.780 | 2343 | 2345 | 2347 | rBV2 | 3709    | 4052    | 0.14%  | 0.012% |
| 73 | 16.827 | 2347 | 2353 | 2358 | rVV  | 1411601 | 1910121 | 66.25% | 5.581% |
| 74 | 16.868 | 2358 | 2360 | 2364 | rVV  | 66317   | 83828   | 2.91%  | 0.245% |
| 75 | 16.927 | 2364 | 2370 | 2384 | rVB  | 1523015 | 2199941 | 76.30% | 6.428% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 76 | 17.162 | 2404 | 2410 | 2412 | rBV7 | 7426 | 11564 | 0.40% | 0.034% |
|----|--------|------|------|------|------|------|-------|-------|--------|

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 BNA\_M  
 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM053124.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 17.439 | 2455 | 2457 | 2462 | rVB6 | 6553    | 9657    | 0.33%   | 0.028% |
| 78  | 17.527 | 2468 | 2472 | 2475 | rBV3 | 18187   | 24680   | 0.86%   | 0.072% |
| 79  | 17.645 | 2489 | 2492 | 2494 | rBV4 | 5114    | 6165    | 0.21%   | 0.018% |
| 80  | 17.709 | 2499 | 2503 | 2506 | rBV4 | 9293    | 13026   | 0.45%   | 0.038% |
| 81  | 17.762 | 2507 | 2512 | 2520 | rBV  | 159697  | 284780  | 9.88%   | 0.832% |
| 82  | 17.909 | 2532 | 2537 | 2540 | rVB6 | 16712   | 29220   | 1.01%   | 0.085% |
| 83  | 18.033 | 2556 | 2558 | 2561 | rBV3 | 5394    | 4192    | 0.15%   | 0.012% |
| 84  | 18.074 | 2561 | 2565 | 2570 | rVB6 | 9625    | 15153   | 0.53%   | 0.044% |
| 85  | 18.215 | 2584 | 2589 | 2592 | rBV7 | 8151    | 14234   | 0.49%   | 0.042% |
| 86  | 18.333 | 2606 | 2609 | 2611 | rBV3 | 6073    | 7457    | 0.26%   | 0.022% |
| 87  | 18.633 | 2657 | 2660 | 2662 | rBV3 | 11810   | 15286   | 0.53%   | 0.045% |
| 88  | 18.680 | 2664 | 2668 | 2669 | rBV4 | 21505   | 22513   | 0.78%   | 0.066% |
| 89  | 18.709 | 2669 | 2673 | 2675 | rVB  | 34782   | 39691   | 1.38%   | 0.116% |
| 90  | 18.792 | 2681 | 2687 | 2692 | rVB6 | 25928   | 53846   | 1.87%   | 0.157% |
| 91  | 18.868 | 2692 | 2700 | 2701 | rBV3 | 22081   | 48314   | 1.68%   | 0.141% |
| 92  | 18.892 | 2701 | 2704 | 2711 | rVB  | 136442  | 180833  | 6.27%   | 0.528% |
| 93  | 19.051 | 2726 | 2731 | 2738 | rBV3 | 87201   | 164450  | 5.70%   | 0.481% |
| 94  | 19.227 | 2756 | 2761 | 2771 | rBV  | 2048662 | 2883268 | 100.00% | 8.425% |
| 95  | 20.262 | 2934 | 2937 | 2940 | rBV3 | 28904   | 32074   | 1.11%   | 0.094% |
| 96  | 20.756 | 3017 | 3021 | 3026 | rBV2 | 142250  | 239042  | 8.29%   | 0.698% |
| 97  | 20.974 | 3055 | 3058 | 3062 | rBV  | 195574  | 227387  | 7.89%   | 0.664% |
| 98  | 21.045 | 3064 | 3070 | 3074 | rBV  | 1665781 | 2298669 | 79.72%  | 6.717% |
| 99  | 23.556 | 3490 | 3497 | 3516 | rVB2 | 1287088 | 2836568 | 98.38%  | 8.288% |
| 100 | 23.744 | 3521 | 3529 | 3537 | rVV  | 1056703 | 2383888 | 82.68%  | 6.966% |

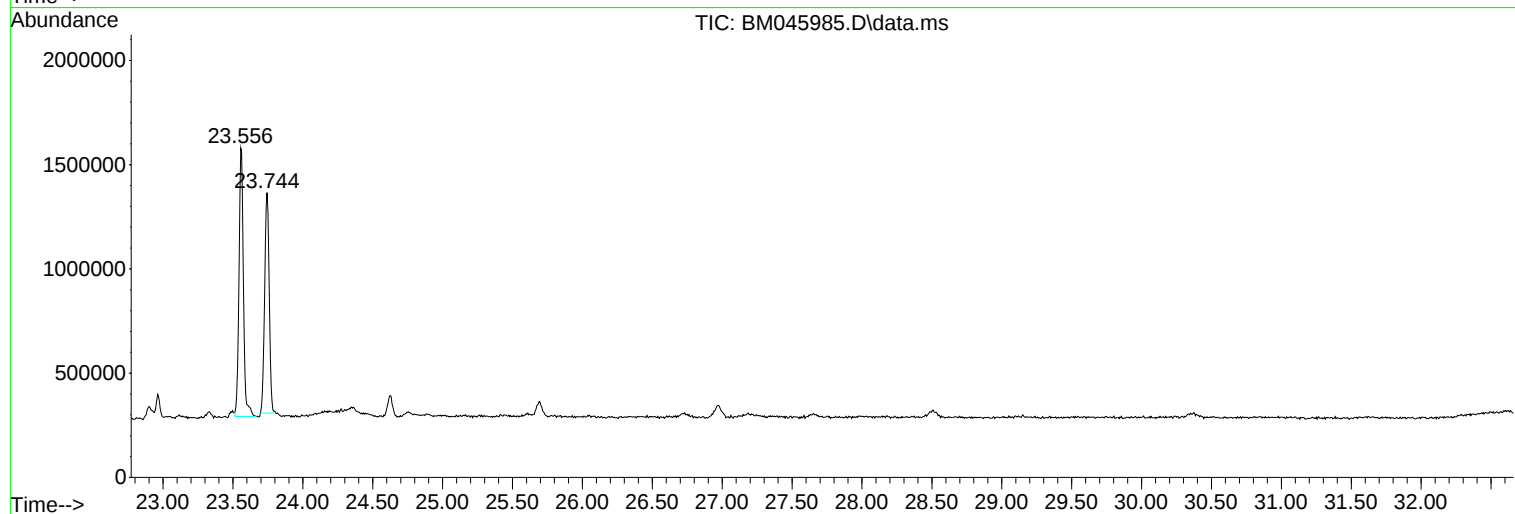
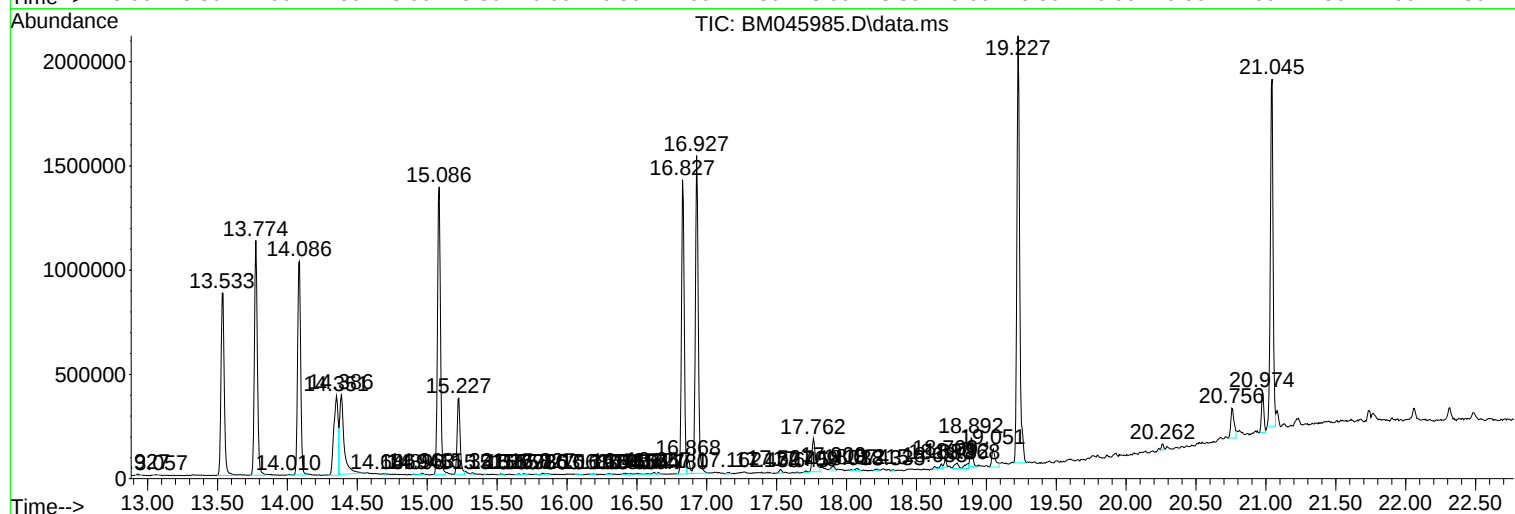
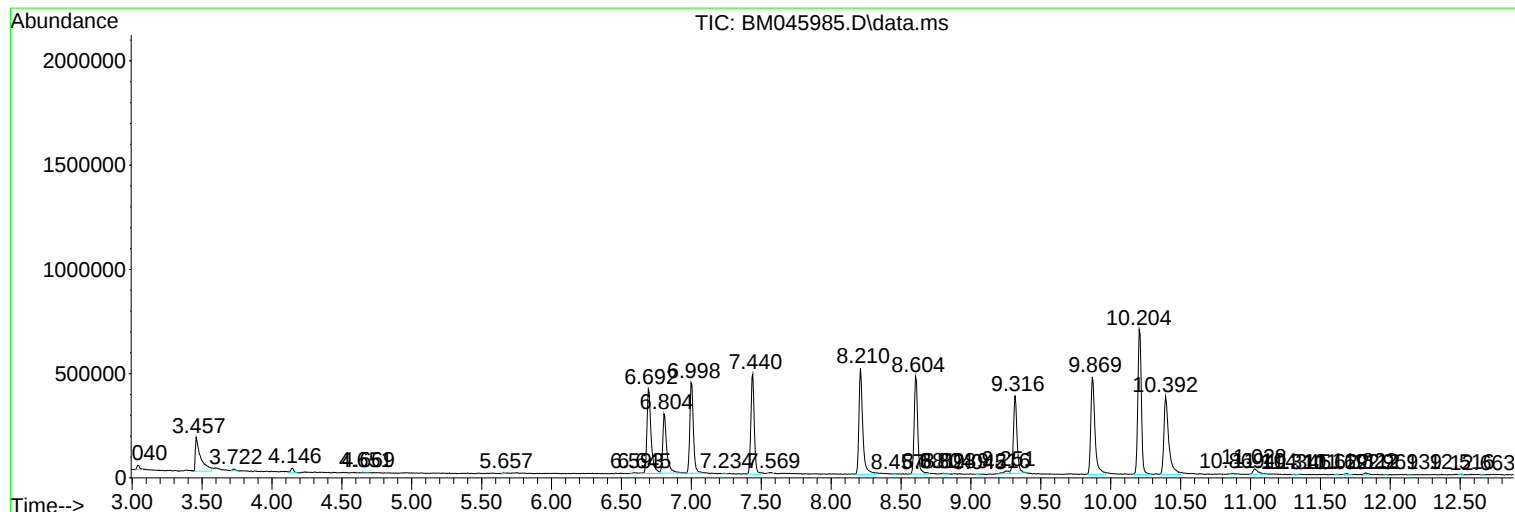
Sum of corrected areas: 34224161

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM053124.MA.M  
Quant Title : SVOA CALIBRATION

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



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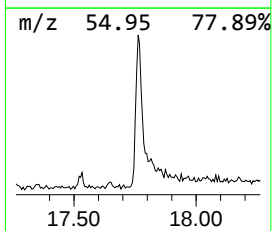
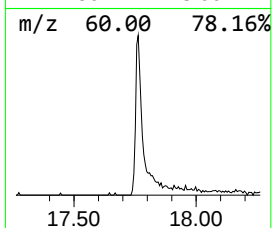
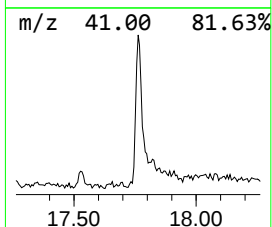
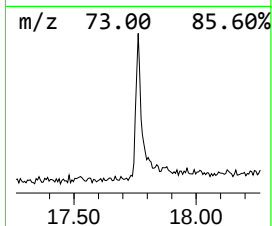
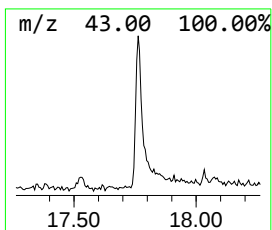
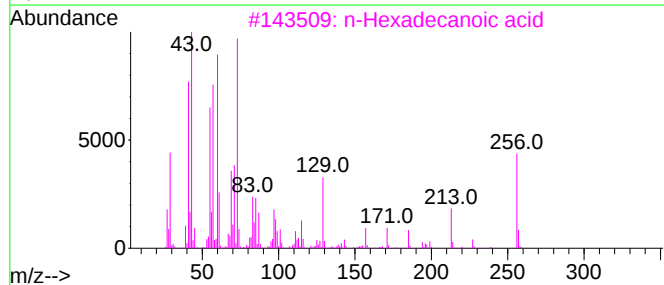
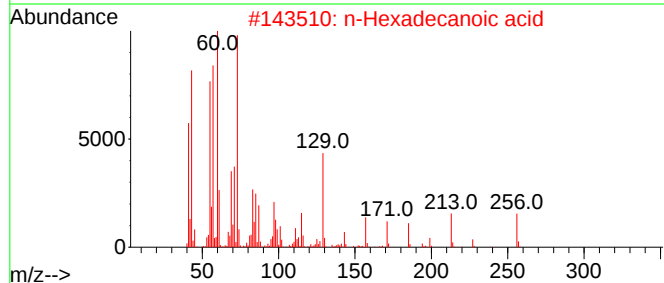
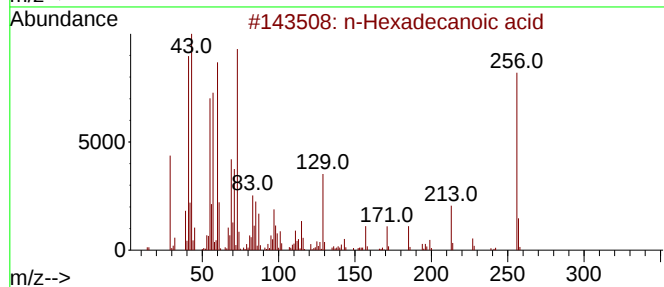
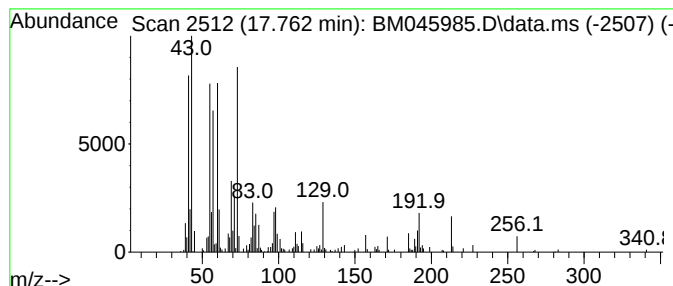
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM053124.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 17.762 | 2.98 ng/ul | 284780 | Phenanthrene-d10 | 16.827 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 81   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 64   |



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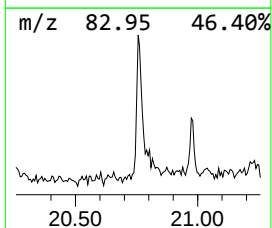
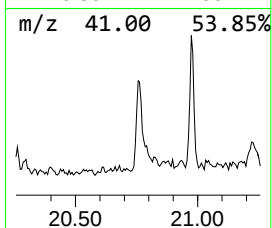
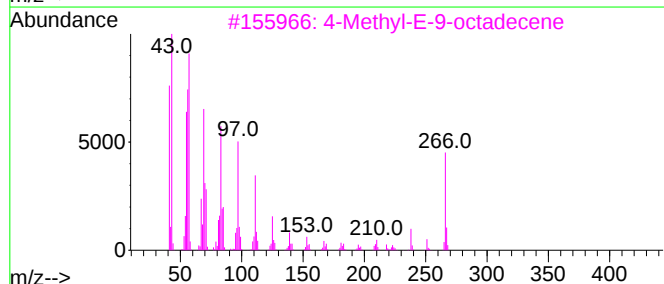
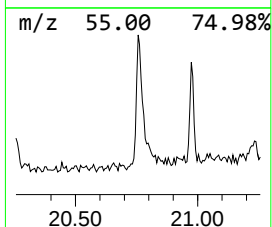
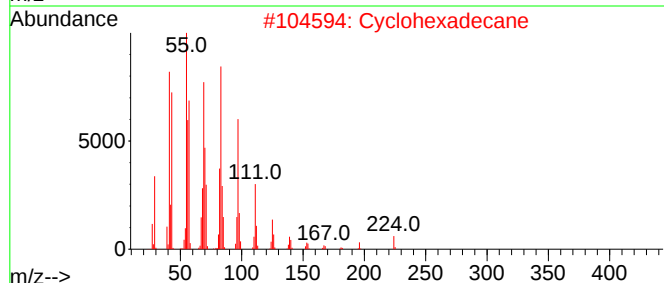
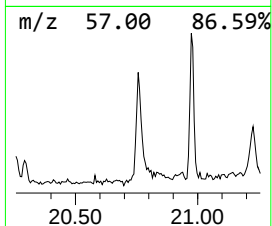
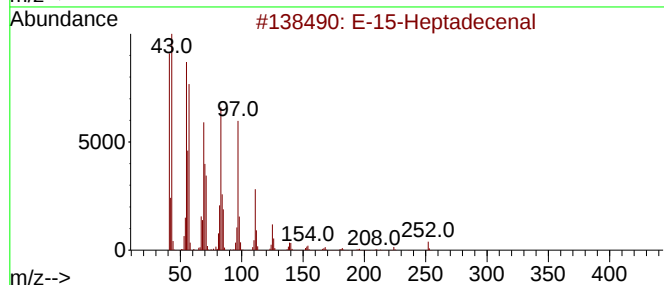
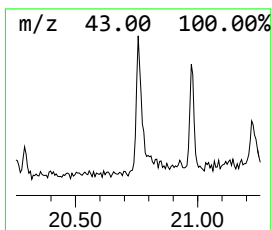
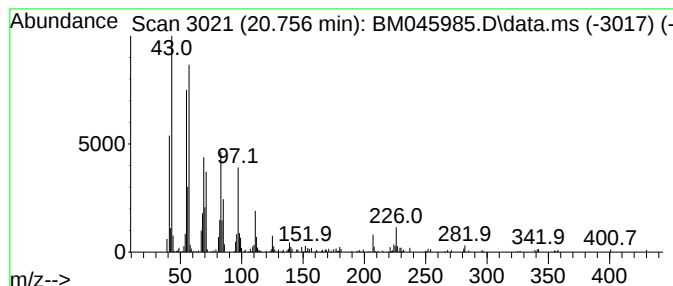
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM053124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 E-15-Heptadecenal Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.756 | 2.08 ng/ul | 239042 | Chrysene-d12     | 21.044 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | E-15-Heptadecenal                   | 252 | C17H32O    | 1000130-97-9 | 90   |
| 2    |    |   | Cyclohexadecane                     | 224 | C16H32     | 000295-65-8  | 89   |
| 3    |    |   | 4-Methyl-E-9-octadecene             | 266 | C19H38     | 1000130-87-1 | 89   |
| 4    |    |   | Eicosyl trifluoroacetate            | 394 | C22H41F3O2 | 1000351-75-2 | 87   |
| 5    |    |   | Carbonic acid, isobutyl octadecy... | 370 | C23H46O3   | 1000314-61-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061124\  
Data File : BM045985.D  
Acq On : 11 Jun 2024 20:58  
Operator : MA/JU  
Sample : P2642-09  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM053124.MA.M  
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 |
| n-Hexadecanoic ... | 17.762 | 3.0     | ng/ul | 284780   | 4                     | 16.827 | 1910120 | 20.0 |
| E-15-Heptadecenal  | 20.756 | 2.1     | ng/ul | 239042   | 5                     | 21.044 | 2298670 | 20.0 |