

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
 Data File : BM039639.D  
 Acq On : 25 Apr 2023 14:17  
 Operator : CG/JU  
 Sample : 02433-15  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHE50

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-BM041823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM039639.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         | 3.207       | 26            | 29          | 34           | rVB      | 41171          | 52657         | 0.91%           | 0.095%        |
| 2         | 3.637       | 100           | 102         | 121          | rBV      | 118453         | 241274        | 4.17%           | 0.436%        |
| 3         | 3.854       | 136           | 139         | 149          | rVB2     | 22211          | 37475         | 0.65%           | 0.068%        |
| 4         | 3.954       | 153           | 156         | 162          | rVB      | 18634          | 27083         | 0.47%           | 0.049%        |
| 5         | 5.495       | 414           | 418         | 425          | rBV      | 12318          | 21468         | 0.37%           | 0.039%        |
| 6         | 7.001       | 668           | 674         | 690          | rBV      | 89353          | 241082        | 4.16%           | 0.435%        |
| 7         | 7.142       | 692           | 698         | 716          | rBV      | 619203         | 1090560       | 18.83%          | 1.969%        |
| 8         | 7.342       | 725           | 732         | 749          | rBV      | 548473         | 1031108       | 17.81%          | 1.862%        |
| 9         | 7.525       | 761           | 763         | 771          | rVB6     | 5813           | 10356         | 0.18%           | 0.019%        |
| 10        | 7.807       | 803           | 811         | 820          | rBV      | 725088         | 1254563       | 21.67%          | 2.265%        |
| 11        | 8.542       | 930           | 936         | 953          | rBV      | 344621         | 775490        | 13.39%          | 1.400%        |
| 12        | 8.983       | 1004          | 1011        | 1030         | rBV      | 699517         | 1352595       | 23.36%          | 2.443%        |
| 13        | 9.119       | 1030          | 1034        | 1042         | rBV5     | 15483          | 43861         | 0.76%           | 0.079%        |
| 14        | 9.701       | 1127          | 1133        | 1148         | rBV      | 544420         | 1075999       | 18.58%          | 1.943%        |
| 15        | 10.254      | 1220          | 1227        | 1247         | rBV      | 554993         | 1388890       | 23.99%          | 2.508%        |
| 16        | 10.613      | 1279          | 1288        | 1307         | rBV      | 1088210        | 1941323       | 33.53%          | 3.506%        |
| 17        | 10.772      | 1308          | 1315        | 1337         | rBV      | 470338         | 1161902       | 20.07%          | 2.098%        |
| 18        | 11.301      | 1401          | 1405        | 1409         | rBV6     | 3621           | 5885          | 0.10%           | 0.011%        |
| 19        | 11.466      | 1427          | 1433        | 1439         | rBV10    | 12161          | 29700         | 0.51%           | 0.054%        |
| 20        | 11.566      | 1444          | 1450        | 1476         | rVV      | 161669         | 463263        | 8.00%           | 0.837%        |
| 21        | 11.877      | 1498          | 1503        | 1509         | rVB5     | 8808           | 16267         | 0.28%           | 0.029%        |
| 22        | 11.977      | 1512          | 1520        | 1526         | rVV9     | 10765          | 31539         | 0.54%           | 0.057%        |
| 23        | 12.030      | 1526          | 1529        | 1534         | rVB7     | 4838           | 8601          | 0.15%           | 0.016%        |
| 24        | 12.130      | 1541          | 1546        | 1552         | rBV2     | 11348          | 22601         | 0.39%           | 0.041%        |
| 25        | 12.219      | 1556          | 1561        | 1567         | rVV2     | 11598          | 23657         | 0.41%           | 0.043%        |
| 26        | 12.354      | 1583          | 1584        | 1591         | rBV7     | 2502           | 5886          | 0.10%           | 0.011%        |
| 27        | 12.760      | 1648          | 1653        | 1658         | rBV7     | 8011           | 13968         | 0.24%           | 0.025%        |
| 28        | 12.813      | 1659          | 1662        | 1667         | rVV6     | 5998           | 9316          | 0.16%           | 0.017%        |
| 29        | 13.071      | 1700          | 1706        | 1709         | rBV5     | 10864          | 15761         | 0.27%           | 0.028%        |
| 30        | 13.360      | 1752          | 1755        | 1762         | rVB8     | 8116           | 15586         | 0.27%           | 0.028%        |
| 31        | 13.448      | 1765          | 1770        | 1772         | rBV6     | 4055           | 6018          | 0.10%           | 0.011%        |
| 32        | 13.883      | 1833          | 1844        | 1858         | rBV      | 1898153        | 2810723       | 48.54%          | 5.076%        |
| 33        | 14.160      | 1881          | 1891        | 1908         | rBV      | 2225349        | 3294040       | 56.89%          | 5.948%        |
| 34        | 14.465      | 1934          | 1943        | 1954         | rBV      | 1824361        | 2729016       | 47.13%          | 4.928%        |
| 35        | 14.554      | 1954          | 1958        | 1965         | rVB7     | 9984           | 20165         | 0.35%           | 0.036%        |
| 36        | 14.783      | 1991          | 1997        | 2001         | rBV5     | 19066          | 50062         | 0.86%           | 0.090%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
 Data File : BM039639.D  
 Acq On : 25 Apr 2023 14:17  
 Operator : CG/JU  
 Sample : 02433-15  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHE50

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-BM041823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.930 | 2017 | 2022 | 2033 | rVB5 | 13253   | 36294   | 0.63%   | 0.066%  |
| 38 | 15.142 | 2054 | 2058 | 2066 | rVV4 | 10197   | 23174   | 0.40%   | 0.042%  |
| 39 | 15.218 | 2068 | 2071 | 2074 | rVV3 | 8474    | 12308   | 0.21%   | 0.022%  |
| 40 | 15.260 | 2074 | 2078 | 2081 | rVV  | 19358   | 31392   | 0.54%   | 0.057%  |
| 41 | 15.295 | 2081 | 2084 | 2091 | rVB  | 22786   | 35982   | 0.62%   | 0.065%  |
| 42 | 15.460 | 2106 | 2112 | 2131 | rBV  | 2749761 | 4171473 | 72.04%  | 7.533%  |
| 43 | 15.601 | 2131 | 2136 | 2151 | rBV  | 699435  | 1232894 | 21.29%  | 2.226%  |
| 44 | 15.836 | 2171 | 2176 | 2182 | rVB6 | 17042   | 30034   | 0.52%   | 0.054%  |
| 45 | 16.007 | 2200 | 2205 | 2208 | rBV3 | 7411    | 12404   | 0.21%   | 0.022%  |
| 46 | 16.077 | 2214 | 2217 | 2221 | rBV6 | 6846    | 9338    | 0.16%   | 0.017%  |
| 47 | 16.165 | 2229 | 2232 | 2236 | rVB6 | 4645    | 6495    | 0.11%   | 0.012%  |
| 48 | 16.536 | 2292 | 2295 | 2300 | rVB7 | 4493    | 8713    | 0.15%   | 0.016%  |
| 49 | 16.636 | 2308 | 2312 | 2314 | rBV5 | 5699    | 7845    | 0.14%   | 0.014%  |
| 50 | 16.812 | 2338 | 2342 | 2345 | rVB3 | 10842   | 13726   | 0.24%   | 0.025%  |
| 51 | 17.218 | 2405 | 2411 | 2422 | rBV  | 2112219 | 3016121 | 52.09%  | 5.447%  |
| 52 | 17.318 | 2422 | 2428 | 2448 | rVB  | 3305496 | 4909545 | 84.79%  | 8.866%  |
| 53 | 17.506 | 2456 | 2460 | 2464 | rVB2 | 8762    | 11693   | 0.20%   | 0.021%  |
| 54 | 17.883 | 2519 | 2524 | 2531 | rBV  | 210840  | 288303  | 4.98%   | 0.521%  |
| 55 | 18.118 | 2559 | 2564 | 2573 | rBV  | 241208  | 448269  | 7.74%   | 0.809%  |
| 56 | 18.201 | 2573 | 2578 | 2588 | rVB2 | 143371  | 281471  | 4.86%   | 0.508%  |
| 57 | 18.365 | 2604 | 2606 | 2610 | rVB5 | 8427    | 10065   | 0.17%   | 0.018%  |
| 58 | 18.406 | 2610 | 2613 | 2619 | rVB8 | 8901    | 14077   | 0.24%   | 0.025%  |
| 59 | 18.630 | 2647 | 2651 | 2655 | rBV7 | 8249    | 13931   | 0.24%   | 0.025%  |
| 60 | 18.701 | 2658 | 2663 | 2667 | rVB  | 50792   | 68312   | 1.18%   | 0.123%  |
| 61 | 18.977 | 2706 | 2710 | 2717 | rBV7 | 25451   | 42672   | 0.74%   | 0.077%  |
| 62 | 19.183 | 2741 | 2745 | 2751 | rBV2 | 40373   | 58751   | 1.01%   | 0.106%  |
| 63 | 19.253 | 2754 | 2757 | 2764 | rBV2 | 34034   | 61875   | 1.07%   | 0.112%  |
| 64 | 19.342 | 2769 | 2772 | 2777 | rVB3 | 23482   | 29952   | 0.52%   | 0.054%  |
| 65 | 19.400 | 2777 | 2782 | 2802 | rBV  | 619272  | 1172354 | 20.25%  | 2.117%  |
| 66 | 19.542 | 2804 | 2806 | 2809 | rVV3 | 33963   | 41613   | 0.72%   | 0.075%  |
| 67 | 19.618 | 2813 | 2819 | 2837 | rVV  | 4337730 | 5790403 | 100.00% | 10.456% |
| 68 | 20.153 | 2907 | 2910 | 2914 | rBV  | 40218   | 47880   | 0.83%   | 0.086%  |
| 69 | 20.553 | 2974 | 2978 | 2982 | rBV2 | 51250   | 73154   | 1.26%   | 0.132%  |
| 70 | 20.653 | 2992 | 2995 | 2999 | rVB  | 75856   | 77880   | 1.34%   | 0.141%  |
| 71 | 21.118 | 3071 | 3074 | 3078 | rBV2 | 116066  | 126272  | 2.18%   | 0.228%  |
| 72 | 21.418 | 3120 | 3125 | 3139 | rBV  | 2212906 | 3081737 | 53.22%  | 5.565%  |
| 73 | 21.559 | 3146 | 3149 | 3154 | rVB  | 121754  | 130763  | 2.26%   | 0.236%  |
| 74 | 22.012 | 3223 | 3226 | 3233 | rVB  | 129572  | 149491  | 2.58%   | 0.270%  |
| 75 | 22.500 | 3305 | 3309 | 3324 | rBV3 | 199489  | 355931  | 6.15%   | 0.643%  |
| 76 | 23.036 | 3397 | 3400 | 3405 | rVB  | 134295  | 186564  | 3.22%   | 0.337%  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
Data File : BM039639.D  
Acq On : 25 Apr 2023 14:17  
Operator : CG/JU  
Sample : 02433-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHE50

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-BM041823.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 23.630 | 3493 | 3501 | 3518 | rBV2 | 2368016 | 5143425 | 88.83% | 9.288% |
| 78 | 23.777 | 3520 | 3526 | 3545 | rVB2 | 1248734 | 2792657 | 48.23% | 5.043% |

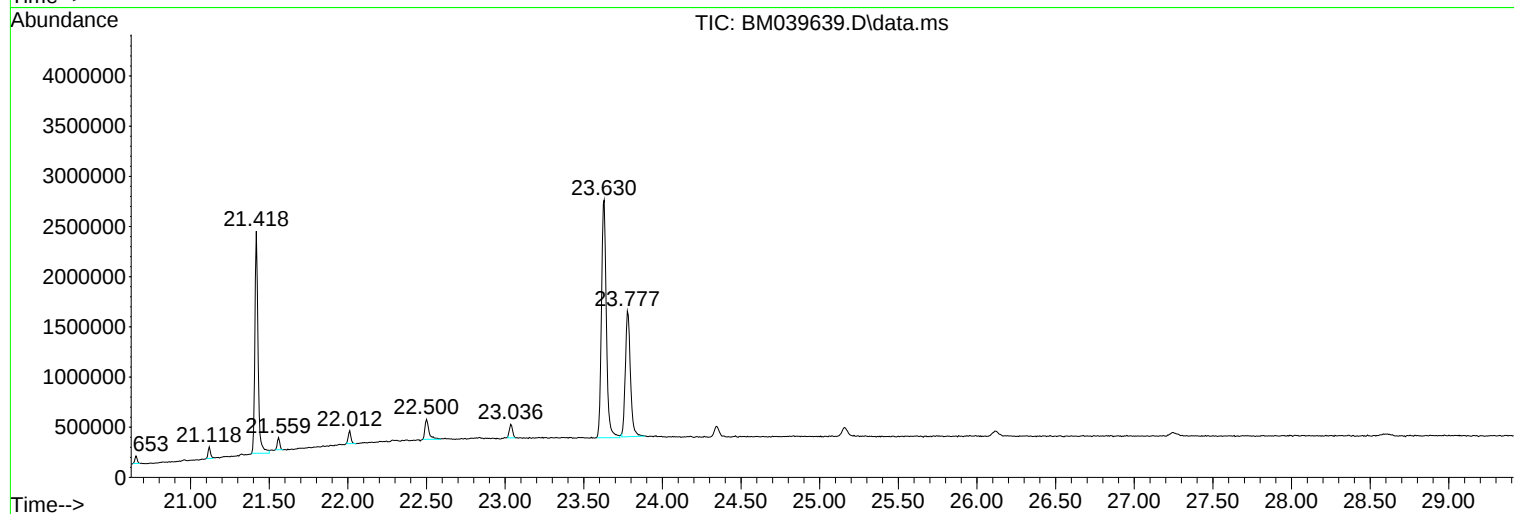
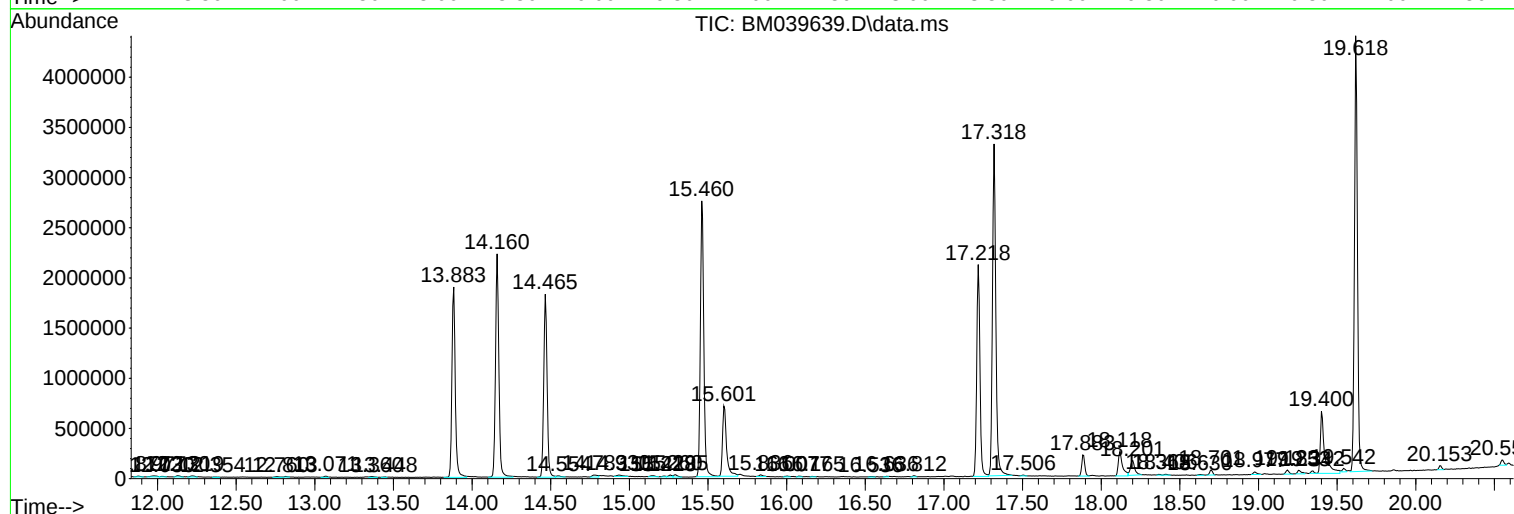
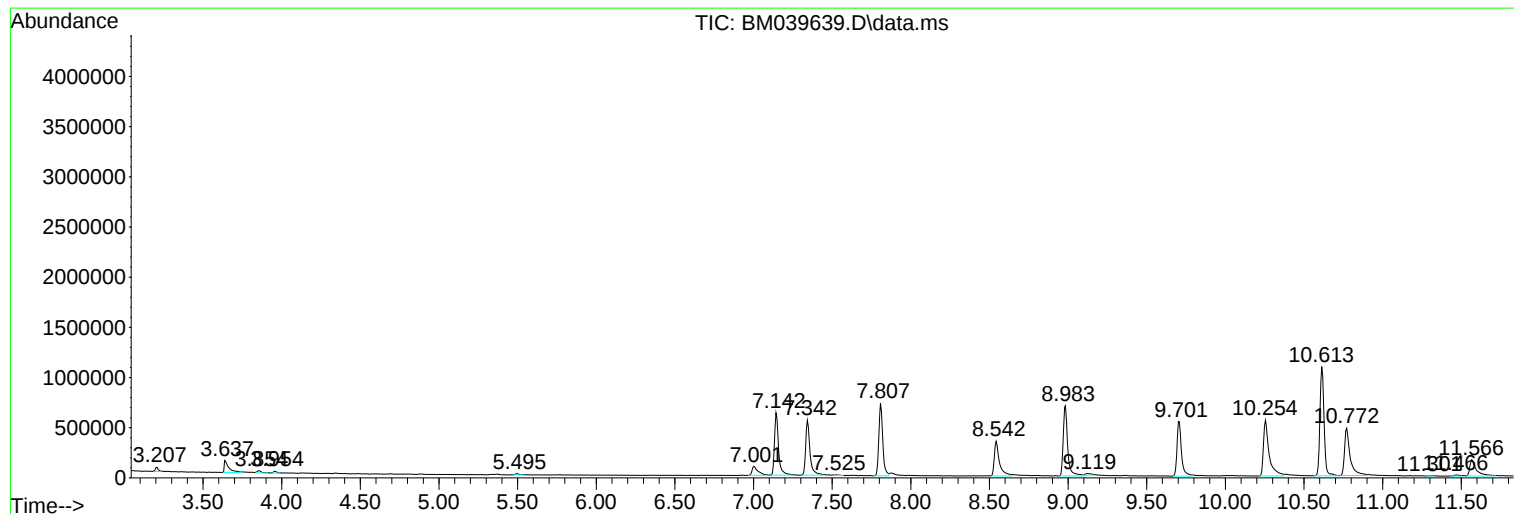
Sum of corrected areas: 55376973

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
Data File : BM039639.D  
Acq On : 25 Apr 2023 14:17  
Operator : CG/JU  
Sample : 02433-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHE50

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
Data File : BM039639.D  
Acq On : 25 Apr 2023 14:17  
Operator : CG/JU  
Sample : 02433-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHE50

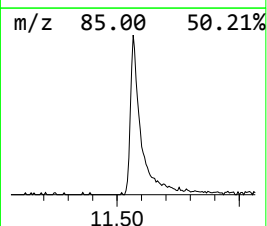
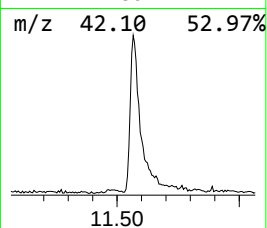
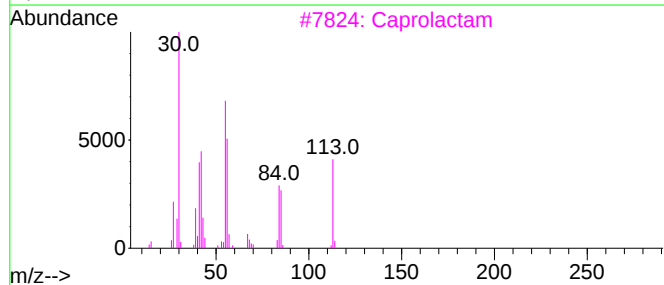
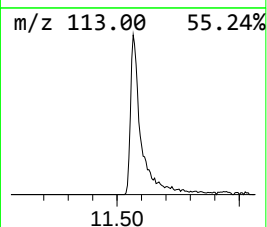
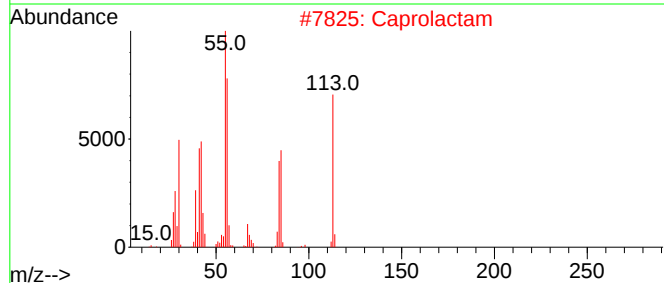
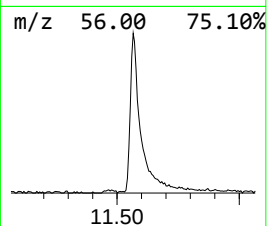
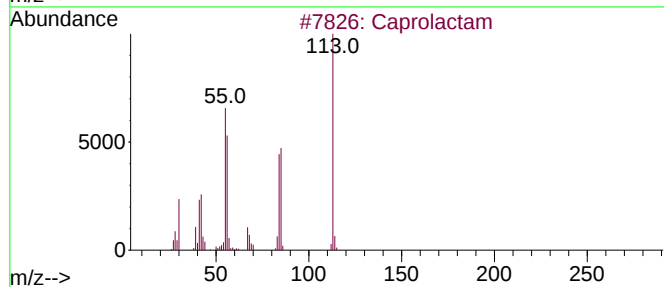
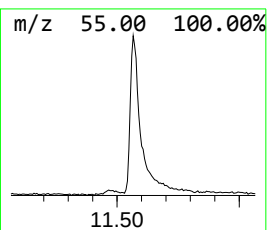
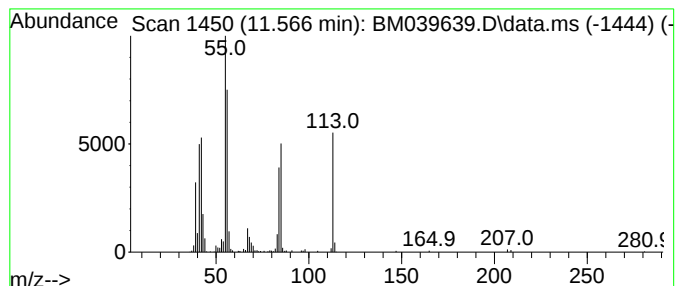
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Capro lactam Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.566 | 4.77 ng/ul | 463263 | Naphthalene-d8   | 10.613 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Caprolactam  | 113 | C6H11NO | 000105-60-2 | 87   |
| 2    |    |   | Caprolactam  | 113 | C6H11NO | 000105-60-2 | 87   |
| 3    |    |   | Caprolactam  | 113 | C6H11NO | 000105-60-2 | 87   |
| 4    |    |   | Caprolactam  | 113 | C6H11NO | 000105-60-2 | 81   |
| 5    |    |   | Caprolactam  | 113 | C6H11NO | 000105-60-2 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
Data File : BM039639.D  
Acq On : 25 Apr 2023 14:17  
Operator : CG/JU  
Sample : 02433-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHE50

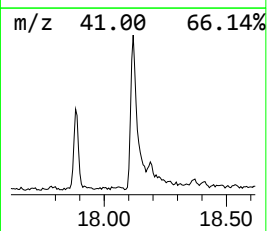
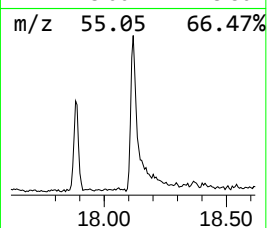
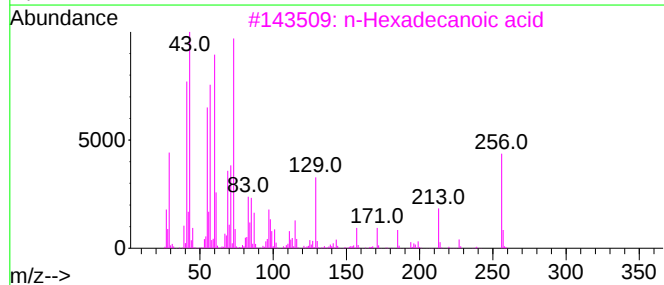
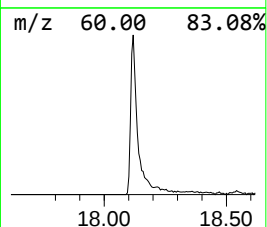
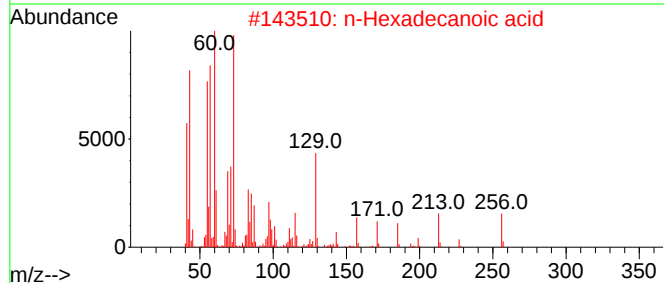
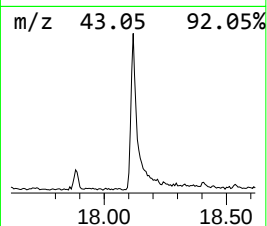
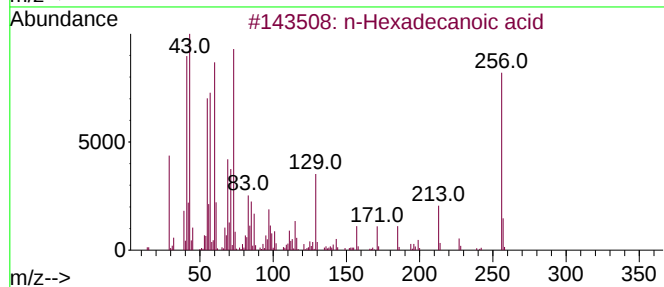
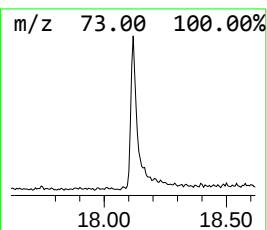
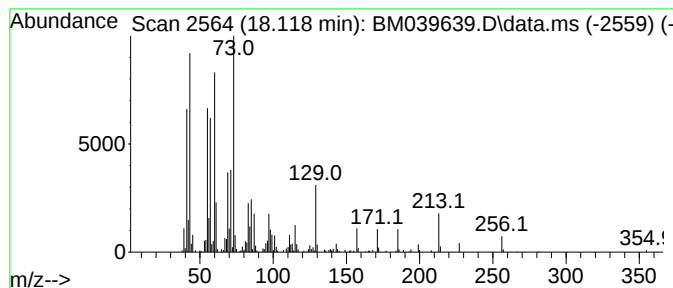
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.118 | 2.97 ng/ul | 448269 | Phenanthrene-d10 | 17.218 |

| Hit# | of                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|---------------------|-----|--------------|-------------|---------|------|------|
| 1    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 99      |      |      |
| 2    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 3    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 98      |      |      |
| 4    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 93      |      |      |
| 5    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 91      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
Data File : BM039639.D  
Acq On : 25 Apr 2023 14:17  
Operator : CG/JU  
Sample : 02433-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHE50

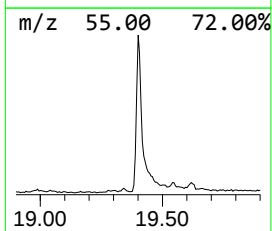
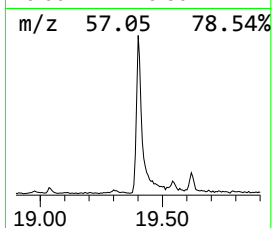
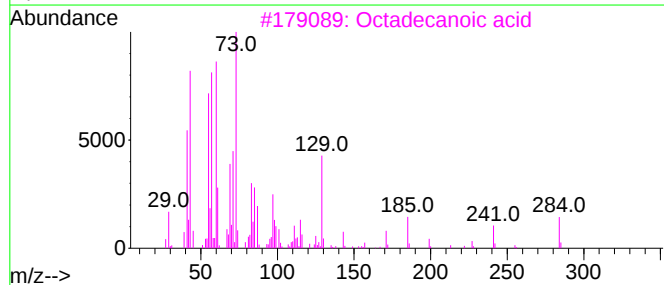
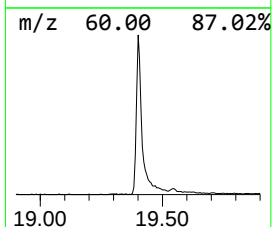
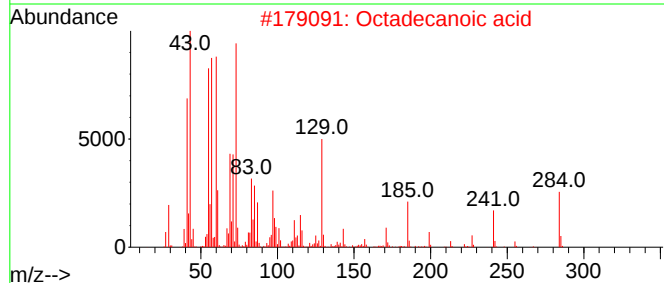
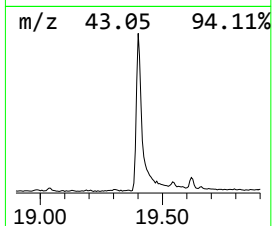
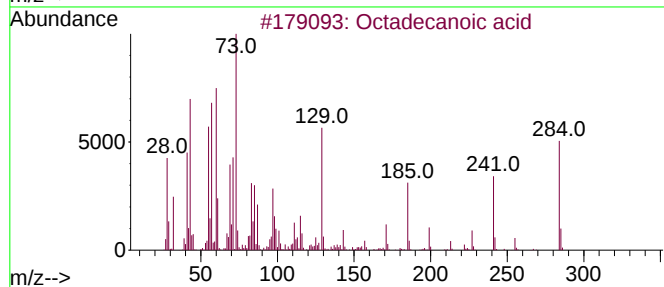
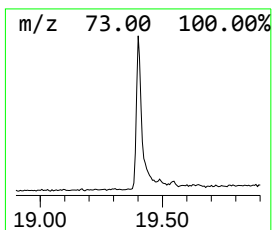
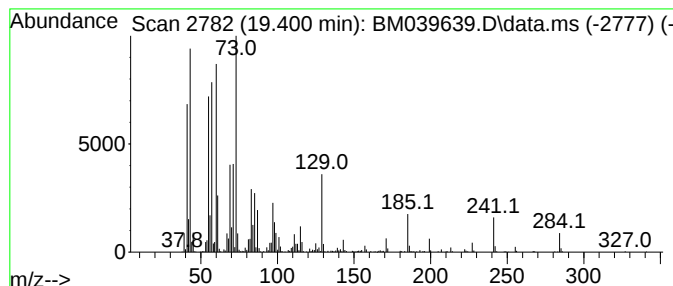
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Octadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 19.400 | 7.61 ng/ul | 1172350 | Chrysene-d12     | 21.418 |

| Hit# | of                | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|-------------------|---|--------------|-----|----------|-------------|------|
| 1    | Octadecanoic acid |   |              | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    | Octadecanoic acid |   |              | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    | Octadecanoic acid |   |              | 284 | C18H36O2 | 000057-11-4 | 98   |
| 4    | Octadecanoic acid |   |              | 284 | C18H36O2 | 000057-11-4 | 95   |
| 5    | Octadecanoic acid |   |              | 284 | C18H36O2 | 000057-11-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
Data File : BM039639.D  
Acq On : 25 Apr 2023 14:17  
Operator : CG/JU  
Sample : 02433-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHE50

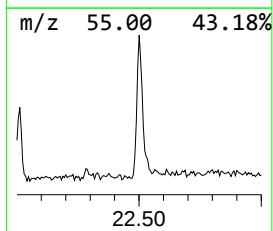
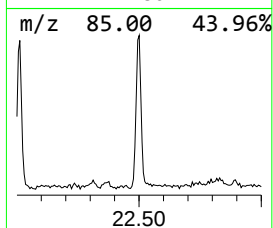
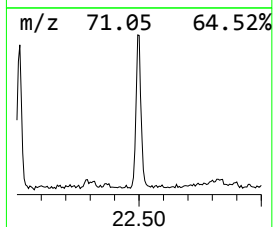
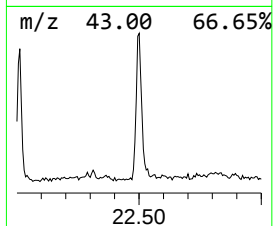
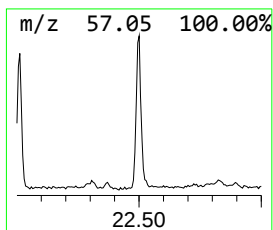
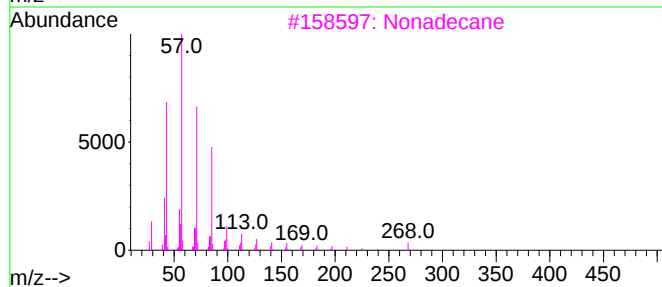
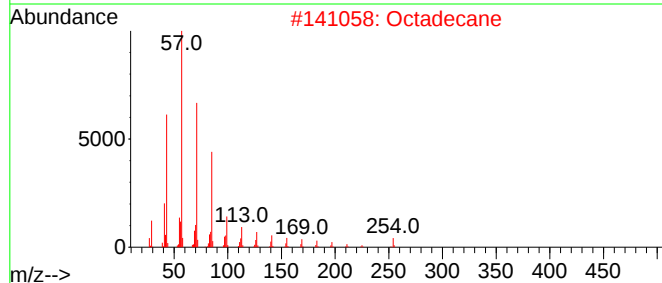
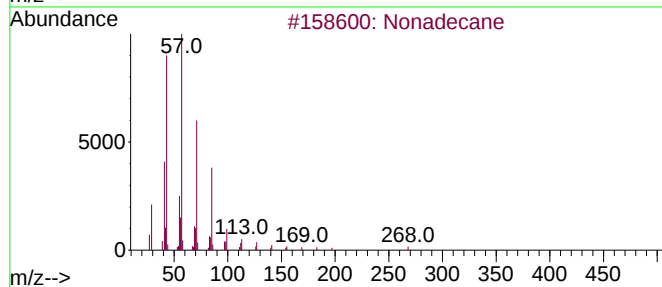
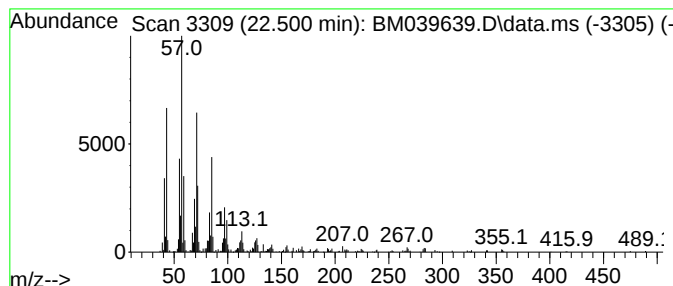
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.500 | 2.31 ng/ul | 355931 | Chrysene-d12     | 21.418 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 93   |
| 2    |      | Octadecane   | 254 | C18H38  | 000593-45-3 | 92   |
| 3    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 92   |
| 4    |      | Pentadecane  | 212 | C15H32  | 000629-62-9 | 91   |
| 5    |      | Eicosane     | 282 | C20H42  | 000112-95-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042523\  
Data File : BM039639.D  
Acq On : 25 Apr 2023 14:17  
Operator : CG/JU  
Sample : 02433-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BHE50

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.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 |
| Capro lactam       | 11.566 | 4.8     | ng/ul | 463263   | 2                     | 10.613 | 1941320 | 20.0 |
| n-Hexadecanoic ... | 18.118 | 3.0     | ng/ul | 448269   | 4                     | 17.218 | 3016120 | 20.0 |
| Octadecanoic acid  | 19.400 | 7.6     | ng/ul | 1172350  | 5                     | 21.418 | 3081740 | 20.0 |
| (DEL) Alkane: S... | 22.500 | 2.3     | ng/ul | 355931   | 5                     | 21.418 | 3081740 | 20.0 |