

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
 Data File : BN030588.D  
 Acq On : 01 Apr 2024 14:23  
 Operator : MA/JU  
 Sample : P1925-12  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PMW-9S(20240327)

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\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN030588.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         | 3.193       | 31            | 35          | 38           | rBV      | 52512          | 69693         | 0.17%           | 0.041%        |
| 2         | 3.228       | 38            | 41          | 48           | rVB      | 68065          | 95289         | 0.23%           | 0.056%        |
| 3         | 3.599       | 102           | 104         | 119          | rBV      | 354619         | 585631        | 1.44%           | 0.341%        |
| 4         | 3.922       | 154           | 159         | 169          | rBV      | 39826          | 56534         | 0.14%           | 0.033%        |
| 5         | 5.034       | 341           | 348         | 364          | rBV      | 8526714        | 13615622      | 33.57%          | 7.936%        |
| 6         | 5.205       | 372           | 377         | 385          | rVB2     | 29511          | 55343         | 0.14%           | 0.032%        |
| 7         | 6.863       | 652           | 659         | 673          | rVB      | 342118         | 558285        | 1.38%           | 0.325%        |
| 8         | 7.040       | 682           | 689         | 702          | rBV      | 879805         | 1418290       | 3.50%           | 0.827%        |
| 9         | 7.228       | 714           | 721         | 732          | rBV      | 896866         | 1434268       | 3.54%           | 0.836%        |
| 10        | 7.593       | 773           | 783         | 795          | rBV      | 12930846       | 23092832      | 56.94%          | 13.460%       |
| 11        | 7.746       | 795           | 809         | 815          | rBV      | 19314862       | 40557332      | 100.00%         | 23.639%       |
| 12        | 8.046       | 852           | 860         | 871          | rBV      | 1896630        | 2993451       | 7.38%           | 1.745%        |
| 13        | 8.393       | 912           | 919         | 928          | rBV      | 848928         | 1386686       | 3.42%           | 0.808%        |
| 14        | 8.675       | 961           | 967         | 974          | rBV      | 201808         | 326179        | 0.80%           | 0.190%        |
| 15        | 8.793       | 982           | 987         | 991          | rBV      | 31326          | 50655         | 0.12%           | 0.030%        |
| 16        | 8.852       | 991           | 997         | 1009         | rVV      | 1043995        | 1675746       | 4.13%           | 0.977%        |
| 17        | 9.416       | 1088          | 1093        | 1099         | rBV2     | 24423          | 41218         | 0.10%           | 0.024%        |
| 18        | 9.510       | 1102          | 1109        | 1113         | rBV      | 92625          | 156049        | 0.38%           | 0.091%        |
| 19        | 9.569       | 1113          | 1119        | 1125         | rVV      | 741410         | 1210097       | 2.98%           | 0.705%        |
| 20        | 9.622       | 1125          | 1128        | 1137         | rVB2     | 23969          | 41039         | 0.10%           | 0.024%        |
| 21        | 10.099      | 1199          | 1209        | 1217         | rBV      | 1303668        | 2178968       | 5.37%           | 1.270%        |
| 22        | 10.163      | 1217          | 1220        | 1229         | rVV2     | 62804          | 118554        | 0.29%           | 0.069%        |
| 23        | 10.340      | 1243          | 1250        | 1262         | rVV      | 295733         | 518240        | 1.28%           | 0.302%        |
| 24        | 10.481      | 1267          | 1274        | 1280         | rBV      | 1205683        | 1994457       | 4.92%           | 1.162%        |
| 25        | 10.528      | 1280          | 1282        | 1288         | rVB2     | 36464          | 52576         | 0.13%           | 0.031%        |
| 26        | 10.640      | 1288          | 1301        | 1312         | rBV2     | 1852006        | 5009718       | 12.35%          | 2.920%        |
| 27        | 10.857      | 1332          | 1338        | 1351         | rVB      | 57674          | 113667        | 0.28%           | 0.066%        |
| 28        | 11.410      | 1422          | 1432        | 1444         | rBV      | 120666         | 298042        | 0.73%           | 0.174%        |
| 29        | 11.957      | 1519          | 1525        | 1535         | rVB3     | 22805          | 52561         | 0.13%           | 0.031%        |
| 30        | 12.069      | 1539          | 1544        | 1553         | rBV2     | 24224          | 49639         | 0.12%           | 0.029%        |
| 31        | 12.534      | 1618          | 1623        | 1629         | rVB      | 42102          | 69851         | 0.17%           | 0.041%        |
| 32        | 13.140      | 1722          | 1726        | 1738         | rBV4     | 27915          | 69357         | 0.17%           | 0.040%        |
| 33        | 13.351      | 1757          | 1762        | 1768         | rVV      | 29025          | 46391         | 0.11%           | 0.027%        |
| 34        | 13.581      | 1793          | 1801        | 1810         | rBV      | 1337386        | 2026688       | 5.00%           | 1.181%        |
| 35        | 13.675      | 1814          | 1817        | 1822         | rVV2     | 29173          | 52136         | 0.13%           | 0.030%        |
| 36        | 13.757      | 1824          | 1831        | 1838         | rVV      | 2584196        | 3687125       | 9.09%           | 2.149%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
 Data File : BN030588.D  
 Acq On : 01 Apr 2024 14:23  
 Operator : MA/JU  
 Sample : P1925-12  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PMW-9S(20240327)

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\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |        |         |
|----|--------|------|------|------|------|----------|----------|--------|---------|
| 37 | 14.028 | 1867 | 1877 | 1888 | rBV  | 2856651  | 4479868  | 11.05% | 2.611%  |
| 38 | 14.340 | 1923 | 1930 | 1942 | rBV  | 1885929  | 2808318  | 6.92%  | 1.637%  |
| 39 | 14.534 | 1957 | 1963 | 1970 | rBV2 | 392278   | 624564   | 1.54%  | 0.364%  |
| 40 | 14.898 | 2017 | 2025 | 2034 | rBV  | 10601992 | 17231781 | 42.49% | 10.043% |
| 41 | 15.039 | 2044 | 2049 | 2055 | rVV  | 290162   | 417406   | 1.03%  | 0.243%  |
| 42 | 15.128 | 2062 | 2064 | 2074 | rVB6 | 19155    | 45596    | 0.11%  | 0.027%  |
| 43 | 15.334 | 2093 | 2099 | 2110 | rBV  | 3899219  | 5655737  | 13.95% | 3.296%  |
| 44 | 15.451 | 2113 | 2119 | 2133 | rVV  | 999237   | 1438199  | 3.55%  | 0.838%  |
| 45 | 16.739 | 2334 | 2338 | 2346 | rBV  | 31111    | 61575    | 0.15%  | 0.036%  |
| 46 | 17.086 | 2391 | 2397 | 2404 | rBV  | 2444522  | 3267686  | 8.06%  | 1.905%  |
| 47 | 17.186 | 2407 | 2414 | 2425 | rVB  | 4381234  | 6240399  | 15.39% | 3.637%  |
| 48 | 17.451 | 2455 | 2459 | 2462 | rBV  | 77207    | 113192   | 0.28%  | 0.066%  |
| 49 | 17.598 | 2480 | 2484 | 2491 | rVB  | 95224    | 134048   | 0.33%  | 0.078%  |
| 50 | 17.986 | 2546 | 2550 | 2558 | rBV  | 194101   | 301879   | 0.74%  | 0.176%  |
| 51 | 18.398 | 2616 | 2620 | 2622 | rBV  | 40925    | 54414    | 0.13%  | 0.032%  |
| 52 | 18.428 | 2622 | 2625 | 2630 | rVB3 | 59136    | 80700    | 0.20%  | 0.047%  |
| 53 | 19.045 | 2726 | 2730 | 2735 | rBV2 | 67829    | 92374    | 0.23%  | 0.054%  |
| 54 | 19.116 | 2739 | 2742 | 2746 | rVV  | 50131    | 64712    | 0.16%  | 0.038%  |
| 55 | 19.275 | 2766 | 2769 | 2778 | rBV2 | 81032    | 126463   | 0.31%  | 0.074%  |
| 56 | 19.486 | 2799 | 2805 | 2811 | rBV2 | 5341579  | 7410618  | 18.27% | 4.319%  |
| 57 | 21.016 | 3062 | 3065 | 3074 | rBV  | 107453   | 146023   | 0.36%  | 0.085%  |
| 58 | 21.322 | 3111 | 3117 | 3127 | rBV  | 2466635  | 3622528  | 8.93%  | 2.111%  |
| 59 | 22.898 | 3381 | 3385 | 3392 | rVB  | 134154   | 221602   | 0.55%  | 0.129%  |
| 60 | 24.068 | 3574 | 3584 | 3599 | rBV2 | 3069375  | 7454682  | 18.38% | 4.345%  |
| 61 | 24.268 | 3609 | 3618 | 3638 | rVB  | 1451246  | 3719879  | 9.17%  | 2.168%  |

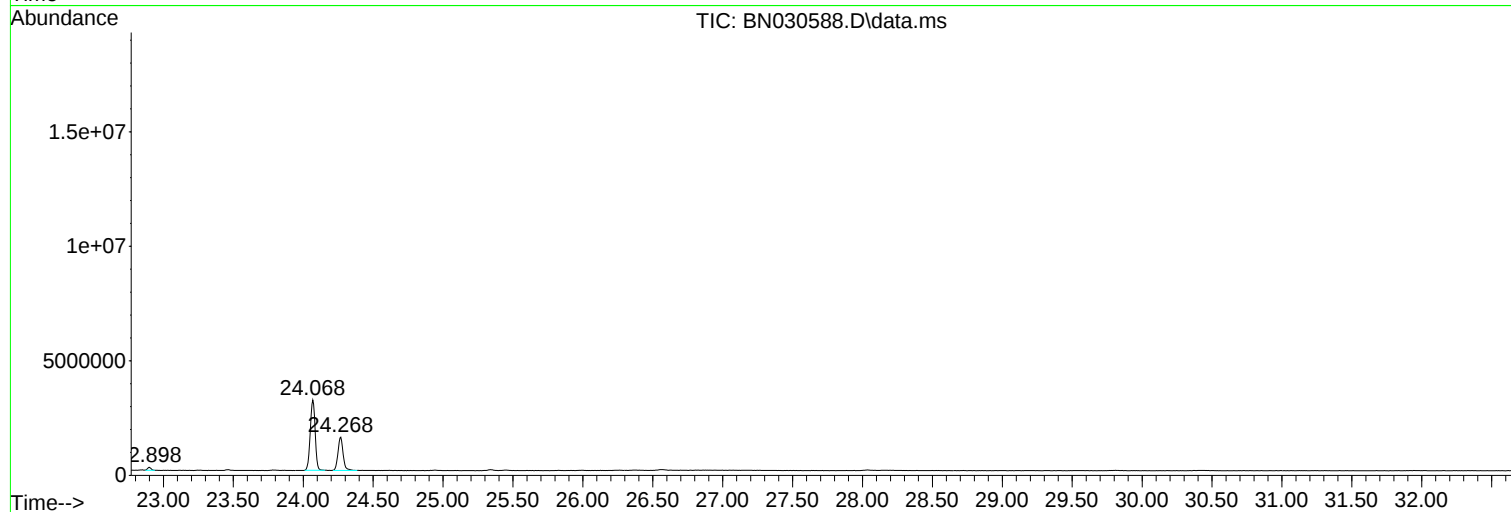
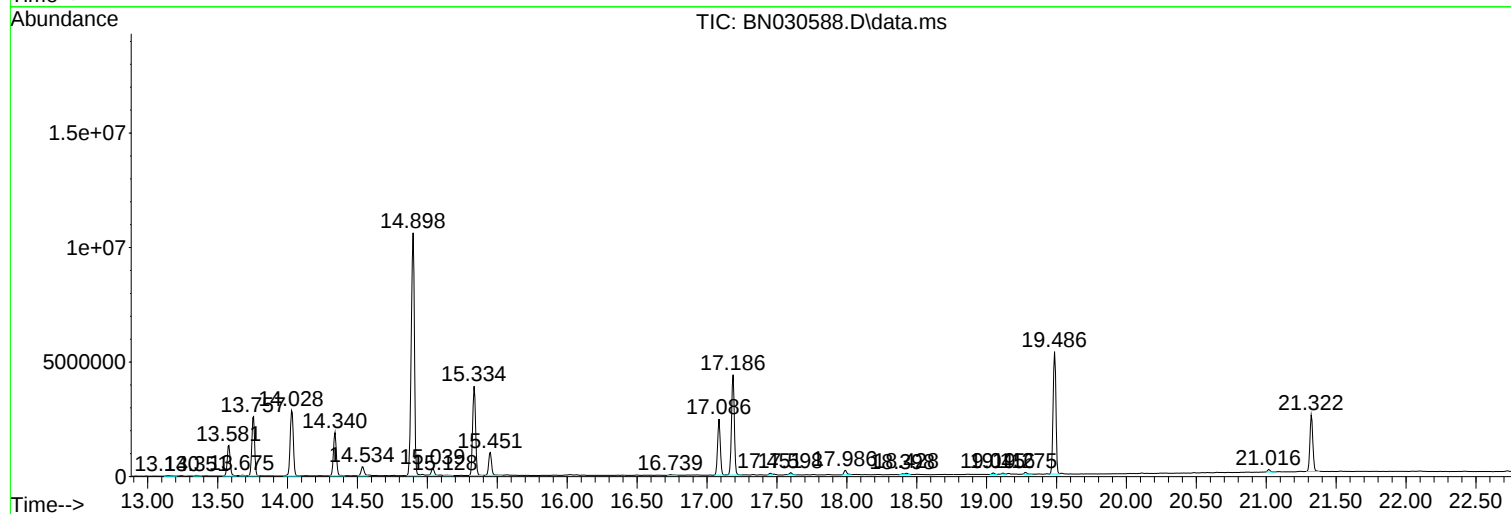
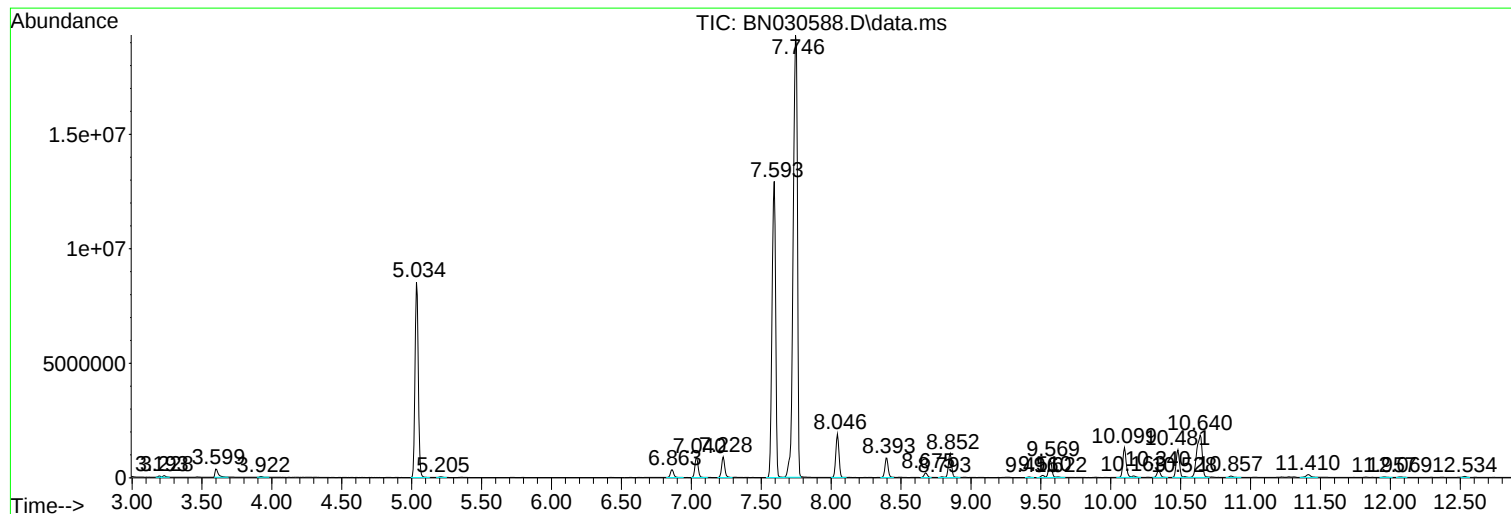
Sum of corrected areas: 171572452

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
Data File : BN030588.D  
Acq On : 01 Apr 2024 14:23  
Operator : MA/JU  
Sample : P1925-12  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PMW-9S(20240327)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
Data File : BN030588.D  
Acq On : 01 Apr 2024 14:23  
Operator : MA/JU  
Sample : P1925-12  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PMW-9S(20240327)

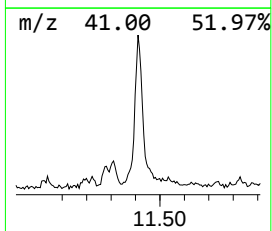
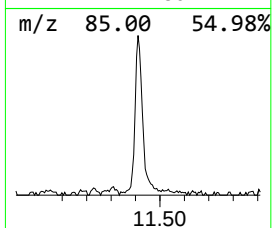
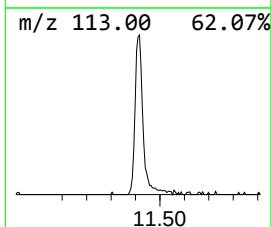
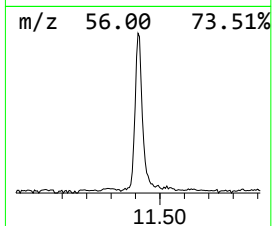
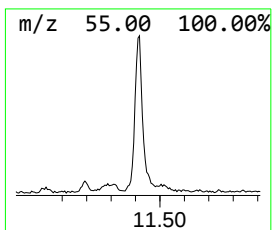
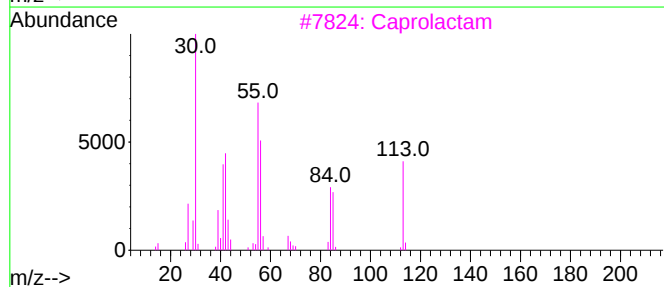
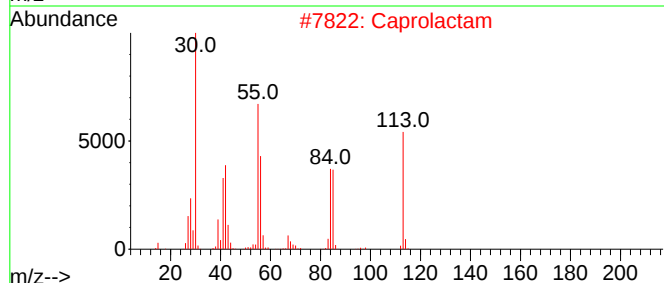
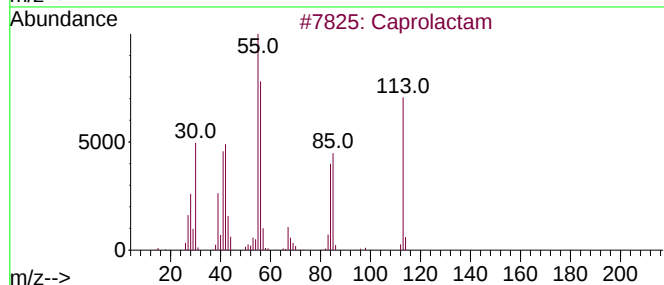
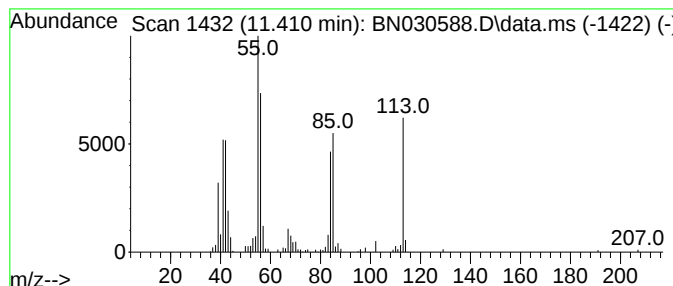
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Capro lactam Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.410 | 2.99 ng/ul | 298042 | Naphthalene-d8   | 10.481 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Caprolactam          | 113 | C6H11NO | 000105-60-2 | 96   |
| 2    |    |   | Caprolactam          | 113 | C6H11NO | 000105-60-2 | 95   |
| 3    |    |   | Caprolactam          | 113 | C6H11NO | 000105-60-2 | 93   |
| 4    |    |   | Caprolactam          | 113 | C6H11NO | 000105-60-2 | 87   |
| 5    |    |   | Piperidine-2,5-dione | 113 | C5H7NO2 | 052065-78-8 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
Data File : BN030588.D  
Acq On : 01 Apr 2024 14:23  
Operator : MA/JU  
Sample : P1925-12  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PMW-9S(20240327)

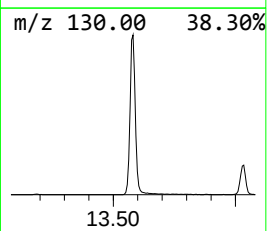
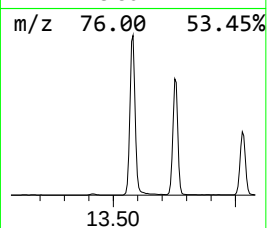
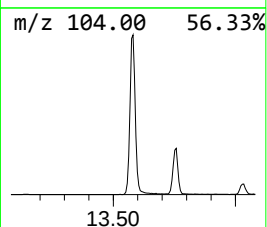
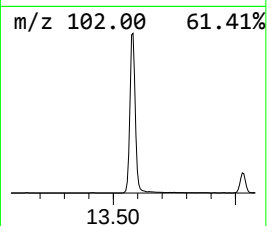
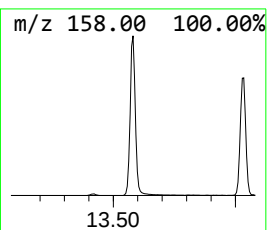
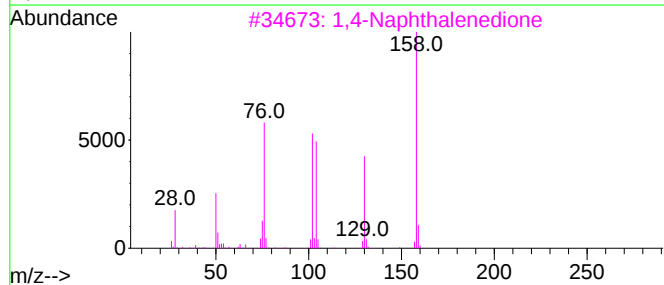
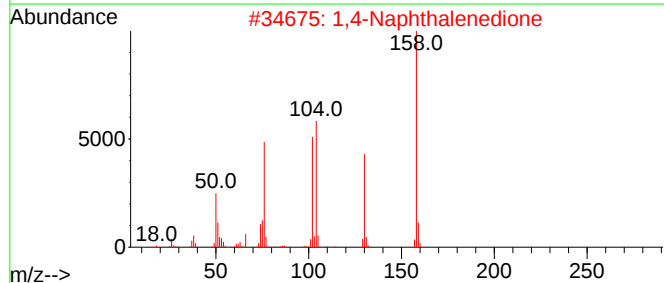
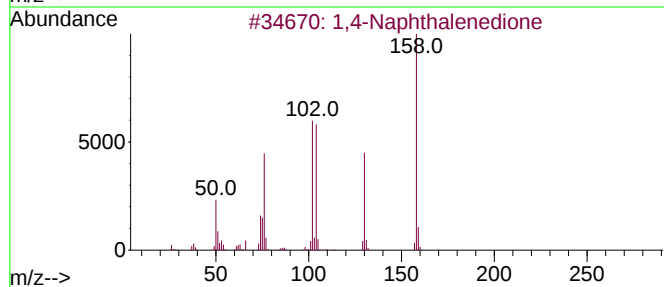
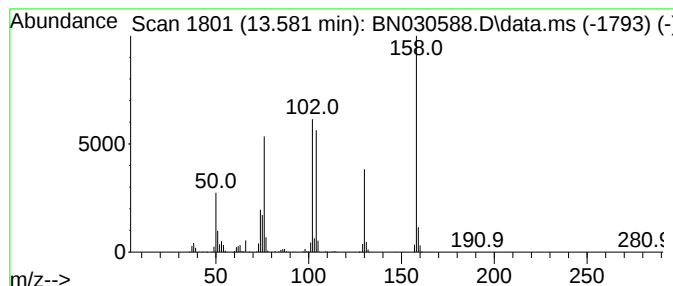
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 1,4-Naphthalenedione Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 13.581 | 14.43 ng/ul | 2026690 | Acenaphthene-d10 | 14.339 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1,4-Naphthalenedione         | 158 | C10H6O2 | 000130-15-4 | 98   |
| 2    |    |   | 1,4-Naphthalenedione         | 158 | C10H6O2 | 000130-15-4 | 96   |
| 3    |    |   | 1,4-Naphthalenedione         | 158 | C10H6O2 | 000130-15-4 | 96   |
| 4    |    |   | 1,4-Naphthalenedione         | 158 | C10H6O2 | 000130-15-4 | 94   |
| 5    |    |   | Quinoxaline-2-carboxaldehyde | 158 | C9H6N2O | 001593-08-4 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
Data File : BN030588.D  
Acq On : 01 Apr 2024 14:23  
Operator : MA/JU  
Sample : P1925-12  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PMW-9S(20240327)

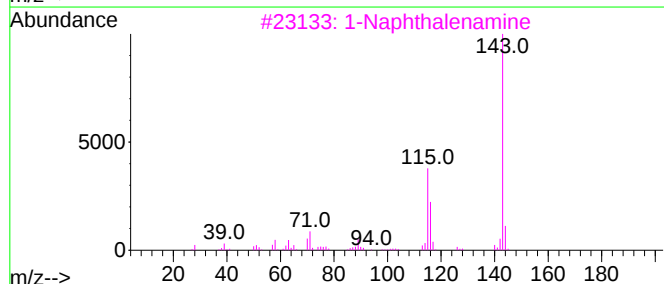
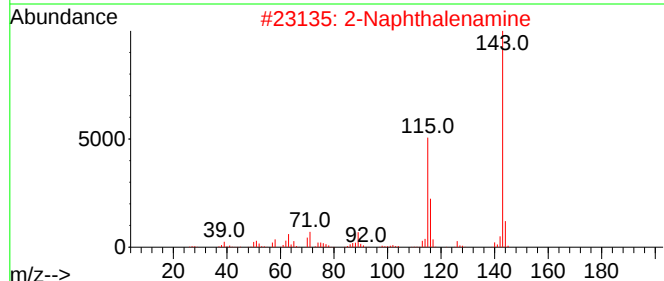
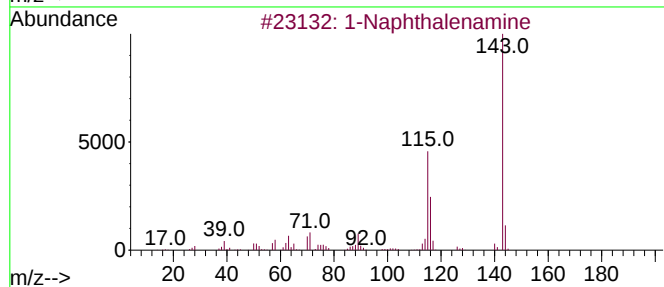
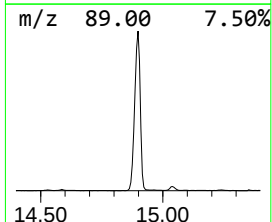
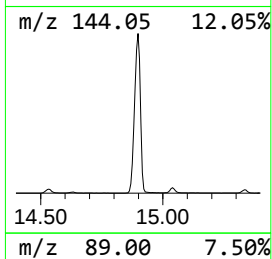
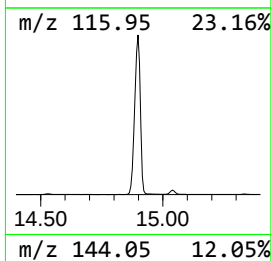
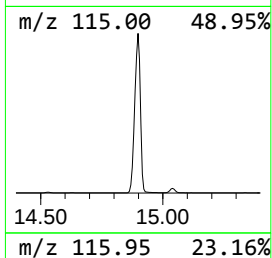
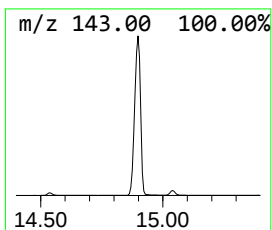
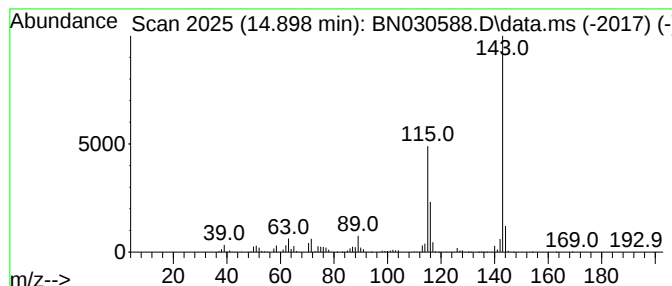
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 1-Naphthalenamine Concentration Rank 1

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 14.898 | 122.72 ng/ul | 17231800 | Acenaphthene-d10 | 14.339 |

| Hit# | of                | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Naphthalenamine |   |              | 143 | C10H9N  | 000134-32-7 | 97   |
| 2    | 2-Naphthalenamine |   |              | 143 | C10H9N  | 000091-59-8 | 97   |
| 3    | 1-Naphthalenamine |   |              | 143 | C10H9N  | 000134-32-7 | 97   |
| 4    | 2-Naphthalenamine |   |              | 143 | C10H9N  | 000091-59-8 | 95   |
| 5    | 1-Naphthalenamine |   |              | 143 | C10H9N  | 000134-32-7 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
Data File : BN030588.D  
Acq On : 01 Apr 2024 14:23  
Operator : MA/JU  
Sample : P1925-12  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PMW-9S(20240327)

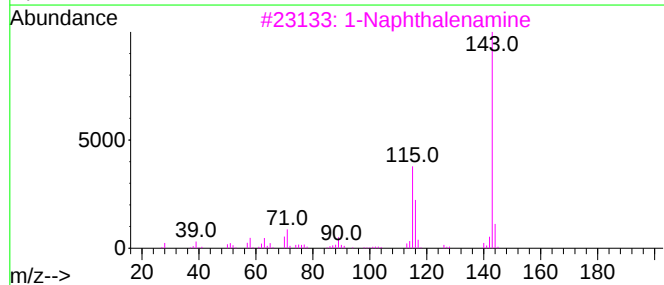
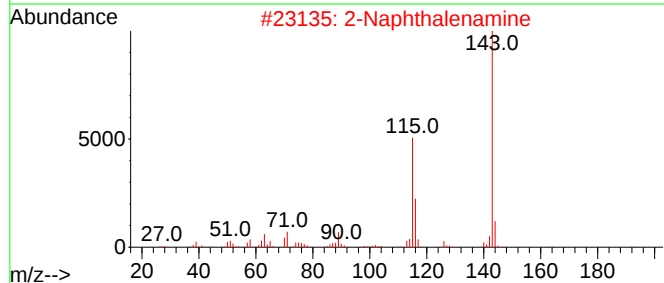
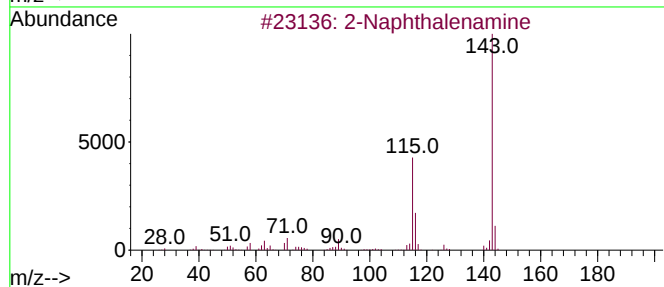
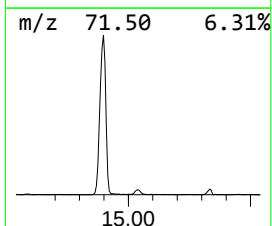
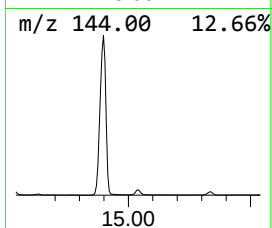
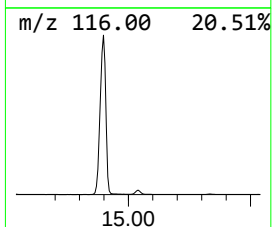
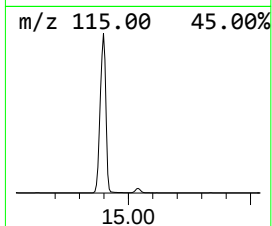
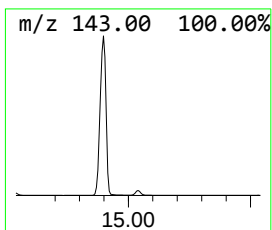
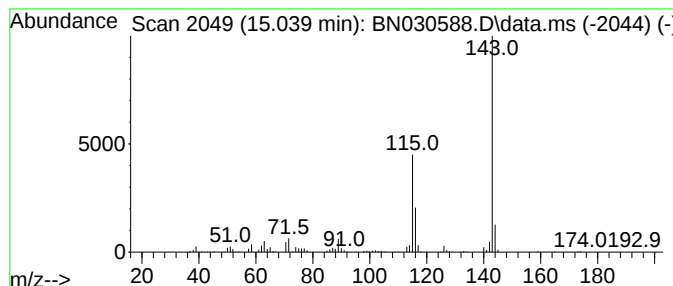
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 2-Naphthalenamine Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.040 | 2.97 ng/ul | 417406 | Acenaphthene-d10 | 14.339 |

| Hit# | of                | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Naphthalenamine |   |              | 143 | C10H9N  | 000091-59-8 | 97   |
| 2    | 2-Naphthalenamine |   |              | 143 | C10H9N  | 000091-59-8 | 96   |
| 3    | 1-Naphthalenamine |   |              | 143 | C10H9N  | 000134-32-7 | 95   |
| 4    | 2-Naphthalenamine |   |              | 143 | C10H9N  | 000091-59-8 | 91   |
| 5    | 1-Naphthalenamine |   |              | 143 | C10H9N  | 000134-32-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040224\  
Data File : BN030588.D  
Acq On : 01 Apr 2024 14:23  
Operator : MA/JU  
Sample : P1925-12  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PMW-9S(20240327)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.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       | 11.410 | 3.0     | ng/ul | 298042   | 2                     | 10.481 | 1994460 | 20.0 |
| 1,4-Naphthalene... | 13.581 | 14.4    | ng/ul | 2026690  | 3                     | 14.339 | 2808320 | 20.0 |
| 1-Naphthalenamine  | 14.898 | 122.7   | ng/ul | 17231800 | 3                     | 14.339 | 2808320 | 20.0 |
| 2-Naphthalenamine  | 15.040 | 3.0     | ng/ul | 417406   | 3                     | 14.339 | 2808320 | 20.0 |