

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091625\  
 Data File : BN037735.D  
 Acq On : 16 Sep 2025 16:46  
 Operator : RC/JU  
 Sample : Q3084-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PMW-7D(20250910)

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-BN091225.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN037735.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         | 3.264       | 26            | 30          | 32           | rBV      | 56253          | 66765         | 0.90%           | 0.114%        |
| 2         | 3.299       | 32            | 36          | 41           | rVB      | 108226         | 139891        | 1.88%           | 0.239%        |
| 3         | 3.546       | 71            | 78          | 80           | rBV5     | 9251           | 13289         | 0.18%           | 0.023%        |
| 4         | 3.675       | 95            | 100         | 110          | rBV      | 285373         | 432678        | 5.82%           | 0.738%        |
| 5         | 4.011       | 152           | 157         | 163          | rVB      | 18900          | 26160         | 0.35%           | 0.045%        |
| 6         | 4.381       | 217           | 220         | 222          | rBV4     | 6938           | 8563          | 0.12%           | 0.015%        |
| 7         | 4.411       | 222           | 225         | 230          | rVB2     | 27911          | 34358         | 0.46%           | 0.059%        |
| 8         | 4.928       | 308           | 313         | 318          | rBV      | 23772          | 34877         | 0.47%           | 0.059%        |
| 9         | 5.140       | 343           | 349         | 360          | rVB      | 592208         | 901740        | 12.13%          | 1.538%        |
| 10        | 5.763       | 451           | 455         | 459          | rVB4     | 7614           | 10259         | 0.14%           | 0.018%        |
| 11        | 6.540       | 581           | 587         | 594          | rBV      | 19498          | 30057         | 0.40%           | 0.051%        |
| 12        | 6.981       | 655           | 662         | 670          | rBV      | 220523         | 360210        | 4.84%           | 0.614%        |
| 13        | 7.157       | 682           | 692         | 703          | rBV      | 809628         | 1253752       | 16.86%          | 2.139%        |
| 14        | 7.252       | 703           | 708         | 713          | rVB2     | 13607          | 20983         | 0.28%           | 0.036%        |
| 15        | 7.363       | 718           | 727         | 736          | rVV      | 806099         | 1281385       | 17.23%          | 2.186%        |
| 16        | 7.446       | 736           | 741         | 751          | rVB      | 26507          | 45523         | 0.61%           | 0.078%        |
| 17        | 7.722       | 781           | 788         | 796          | rBV      | 962691         | 1547417       | 20.81%          | 2.640%        |
| 18        | 7.834       | 800           | 807         | 809          | rVV      | 717058         | 1147583       | 15.43%          | 1.958%        |
| 19        | 7.869       | 809           | 813         | 822          | rVB      | 4621653        | 7435688       | 100.00%         | 12.684%       |
| 20        | 8.187       | 862           | 867         | 874          | rVB      | 69724          | 113828        | 1.53%           | 0.194%        |
| 21        | 8.534       | 917           | 926         | 931          | rBV      | 653640         | 1022847       | 13.76%          | 1.745%        |
| 22        | 8.575       | 931           | 933         | 940          | rVB      | 38601          | 52447         | 0.71%           | 0.089%        |
| 23        | 8.987       | 996           | 1003        | 1013         | rVB      | 882372         | 1454784       | 19.56%          | 2.482%        |
| 24        | 9.310       | 1053          | 1058        | 1064         | rBV      | 19548          | 32039         | 0.43%           | 0.055%        |
| 25        | 9.428       | 1073          | 1078        | 1086         | rBV6     | 7117           | 11640         | 0.16%           | 0.020%        |
| 26        | 9.716       | 1120          | 1127        | 1135         | rBV      | 593275         | 963672        | 12.96%          | 1.644%        |
| 27        | 9.769       | 1135          | 1136        | 1141         | rVB4     | 8783           | 10474         | 0.14%           | 0.018%        |
| 28        | 9.940       | 1160          | 1165        | 1170         | rVB4     | 7265           | 12766         | 0.17%           | 0.022%        |
| 29        | 9.999       | 1170          | 1175        | 1182         | rBV2     | 19276          | 32880         | 0.44%           | 0.056%        |
| 30        | 10.163      | 1194          | 1203        | 1208         | rVB6     | 6826           | 13246         | 0.18%           | 0.023%        |
| 31        | 10.257      | 1211          | 1219        | 1226         | rBV      | 1023729        | 1704949       | 22.93%          | 2.908%        |
| 32        | 10.322      | 1226          | 1230        | 1240         | rVB      | 66995          | 113751        | 1.53%           | 0.194%        |
| 33        | 10.510      | 1257          | 1262        | 1269         | rVB4     | 10792          | 20131         | 0.27%           | 0.034%        |
| 34        | 10.646      | 1277          | 1285        | 1296         | rBV      | 902480         | 1554316       | 20.90%          | 2.651%        |
| 35        | 10.769      | 1296          | 1306        | 1320         | rBV      | 1001808        | 1789675       | 24.07%          | 3.053%        |
| 36        | 10.881      | 1320          | 1325        | 1331         | rVB7     | 6420           | 11094         | 0.15%           | 0.019%        |

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 Sample : Q3084-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PMW-7D(20250910)

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-BN091225.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 11.340 | 1397 | 1403 | 1408 | rVB3  | 6794    | 12263   | 0.16%  | 0.021% |
| 38 | 11.428 | 1412 | 1418 | 1423 | rBV6  | 7252    | 14413   | 0.19%  | 0.025% |
| 39 | 11.681 | 1456 | 1461 | 1470 | rVB   | 57543   | 91599   | 1.23%  | 0.156% |
| 40 | 12.234 | 1551 | 1555 | 1560 | rVB2  | 16791   | 26384   | 0.35%  | 0.045% |
| 41 | 13.463 | 1758 | 1764 | 1771 | rBV9  | 4699    | 11009   | 0.15%  | 0.019% |
| 42 | 13.898 | 1830 | 1838 | 1848 | rBV   | 1812046 | 2485835 | 33.43% | 4.240% |
| 43 | 14.145 | 1870 | 1880 | 1883 | rBV2  | 478380  | 746590  | 10.04% | 1.274% |
| 44 | 14.187 | 1883 | 1887 | 1895 | rVV2  | 2044909 | 3119938 | 41.96% | 5.322% |
| 45 | 14.281 | 1899 | 1903 | 1912 | rVB5  | 13688   | 32763   | 0.44%  | 0.056% |
| 46 | 14.428 | 1923 | 1928 | 1933 | rBV   | 74953   | 108139  | 1.45%  | 0.184% |
| 47 | 14.492 | 1933 | 1939 | 1947 | rVB   | 1262766 | 1807407 | 24.31% | 3.083% |
| 48 | 14.563 | 1947 | 1951 | 1955 | rBV6  | 7515    | 11125   | 0.15%  | 0.019% |
| 49 | 14.610 | 1955 | 1959 | 1963 | rVB   | 14477   | 18769   | 0.25%  | 0.032% |
| 50 | 14.669 | 1963 | 1969 | 1976 | rBV   | 164937  | 247259  | 3.33%  | 0.422% |
| 51 | 14.839 | 1993 | 1998 | 2003 | rVB6  | 8780    | 18281   | 0.25%  | 0.031% |
| 52 | 14.916 | 2007 | 2011 | 2014 | rBV5  | 8096    | 11806   | 0.16%  | 0.020% |
| 53 | 15.034 | 2025 | 2031 | 2038 | rBV   | 242726  | 351456  | 4.73%  | 0.600% |
| 54 | 15.181 | 2048 | 2056 | 2062 | rBV   | 21028   | 35372   | 0.48%  | 0.060% |
| 55 | 15.486 | 2102 | 2108 | 2118 | rBV   | 2707511 | 3848259 | 51.75% | 6.564% |
| 56 | 15.592 | 2120 | 2126 | 2135 | rVV   | 542947  | 746123  | 10.03% | 1.273% |
| 57 | 15.669 | 2137 | 2139 | 2144 | rVV4  | 13953   | 22037   | 0.30%  | 0.038% |
| 58 | 15.728 | 2146 | 2149 | 2155 | rVB   | 13480   | 20832   | 0.28%  | 0.036% |
| 59 | 15.851 | 2166 | 2170 | 2176 | rVB   | 55202   | 72539   | 0.98%  | 0.124% |
| 60 | 16.051 | 2198 | 2204 | 2211 | rBV   | 92708   | 140374  | 1.89%  | 0.239% |
| 61 | 16.269 | 2239 | 2241 | 2250 | rVB10 | 4552    | 8066    | 0.11%  | 0.014% |
| 62 | 17.028 | 2363 | 2370 | 2373 | rBV5  | 10494   | 16545   | 0.22%  | 0.028% |
| 63 | 17.163 | 2384 | 2393 | 2398 | rVB9  | 8026    | 17643   | 0.24%  | 0.030% |
| 64 | 17.239 | 2398 | 2406 | 2413 | rBV2  | 1353821 | 1892585 | 25.45% | 3.228% |
| 65 | 17.339 | 2416 | 2423 | 2435 | rVV   | 3083821 | 4224395 | 56.81% | 7.206% |
| 66 | 17.616 | 2465 | 2470 | 2471 | rBV5  | 6499    | 9881    | 0.13%  | 0.017% |
| 67 | 17.639 | 2471 | 2474 | 2483 | rVB8  | 13663   | 22037   | 0.30%  | 0.038% |
| 68 | 18.145 | 2555 | 2560 | 2569 | rBV2  | 51317   | 78677   | 1.06%  | 0.134% |
| 69 | 19.192 | 2734 | 2738 | 2744 | rBV2  | 39009   | 54848   | 0.74%  | 0.094% |
| 70 | 19.275 | 2746 | 2752 | 2754 | rBV2  | 65738   | 109419  | 1.47%  | 0.187% |
| 71 | 19.310 | 2754 | 2758 | 2768 | rVB   | 195672  | 319969  | 4.30%  | 0.546% |
| 72 | 19.422 | 2775 | 2777 | 2783 | rVB5  | 25217   | 33404   | 0.45%  | 0.057% |
| 73 | 19.627 | 2806 | 2812 | 2825 | rBV   | 3361365 | 4813523 | 64.74% | 8.211% |
| 74 | 21.492 | 3123 | 3129 | 3136 | rBV   | 1297498 | 1984487 | 26.69% | 3.385% |
| 75 | 22.133 | 3235 | 3238 | 3244 | rVB4  | 47049   | 66011   | 0.89%  | 0.113% |
| 76 | 24.368 | 3608 | 3618 | 3632 | rVB   | 2020463 | 5045892 | 67.86% | 8.607% |

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Operator : RC/JU  
Sample : Q3084-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PMW-7D(20250910)

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-BN091225.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |        |         |        |        |
|----|--------|------|------|------|-----|--------|---------|--------|--------|
| 77 | 24.574 | 3645 | 3653 | 3665 | rVB | 869485 | 2218644 | 29.84% | 3.785% |
|----|--------|------|------|------|-----|--------|---------|--------|--------|

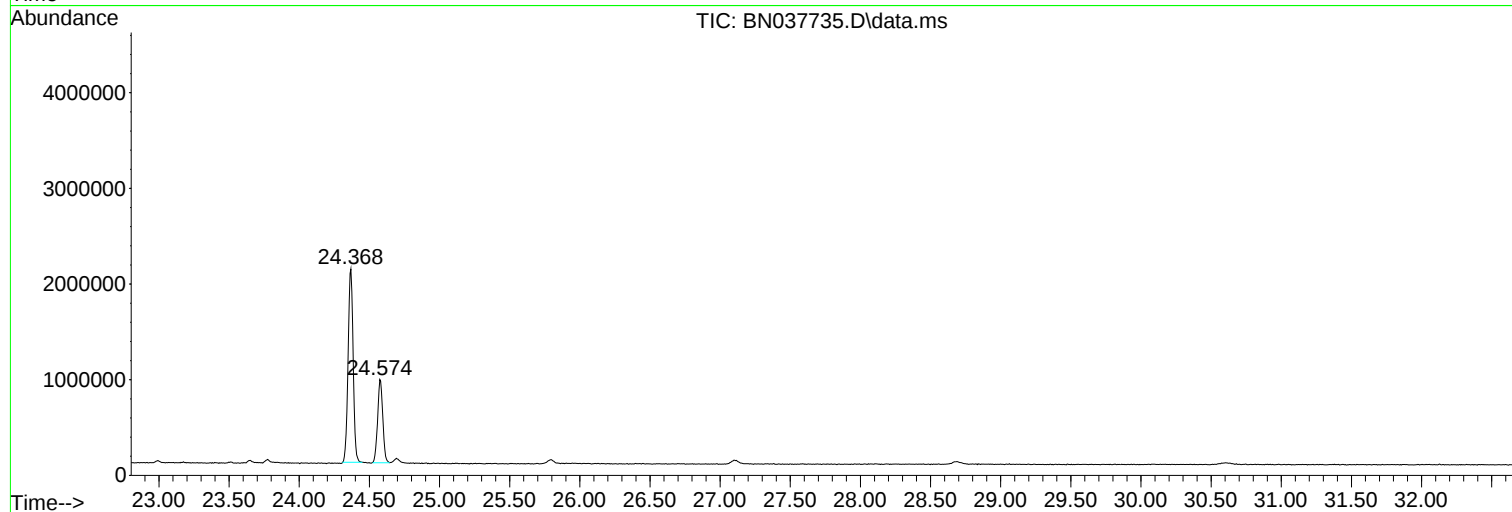
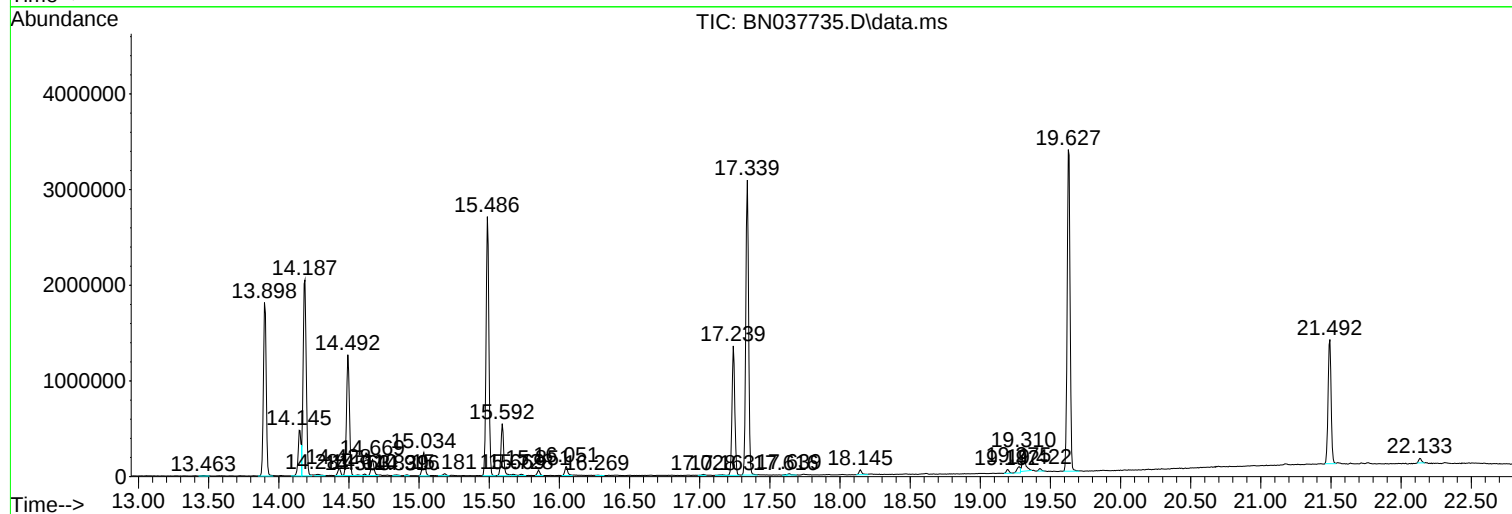
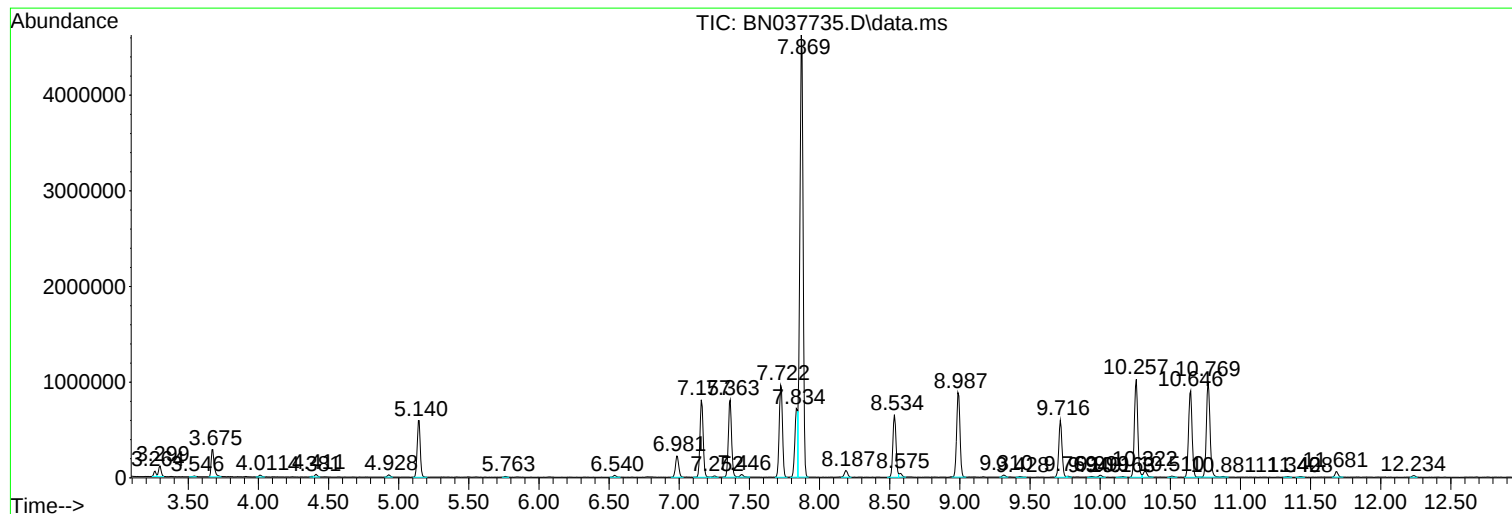
Sum of corrected areas: 58622315

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091625\  
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Instrument :  
BNA\_N  
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PMW-7D(20250910)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091225.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\BN091625\  
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Instrument :  
BNA\_N  
ClientSampleId :  
PMW-7D(20250910)

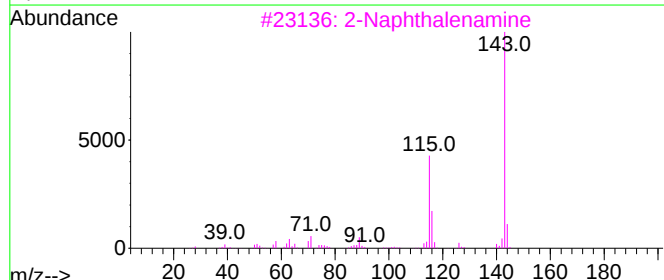
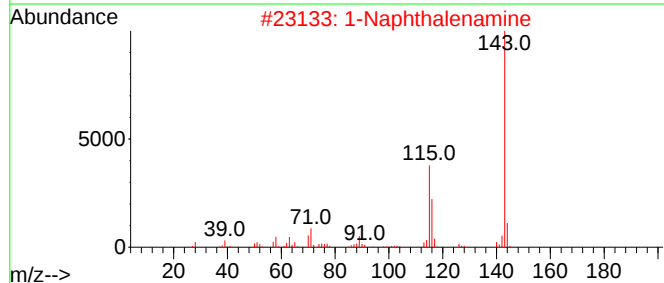
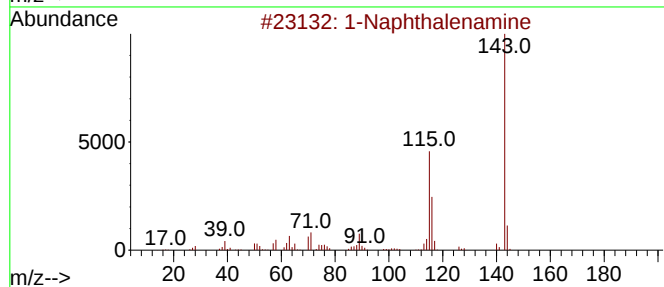
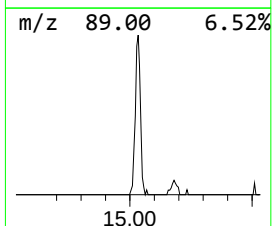
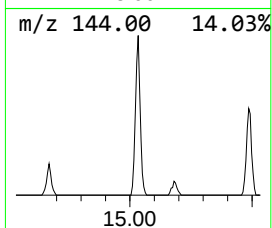
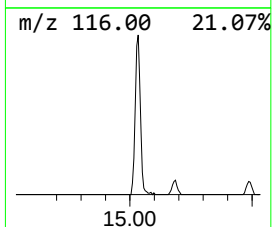
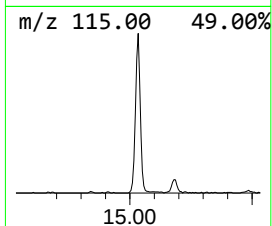
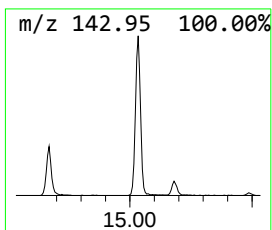
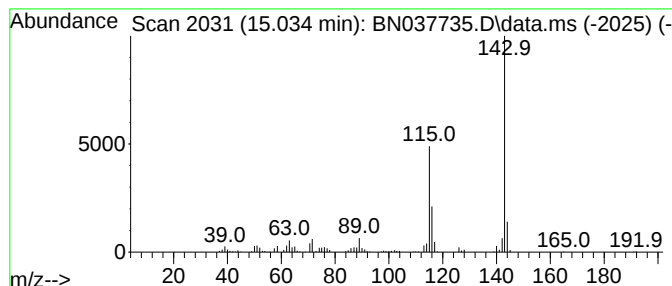
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091225.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1-Naphthalenamine Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.034 | 3.89 ng/ul | 351456 | Acenaphthene-d10 | 14.492 |

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



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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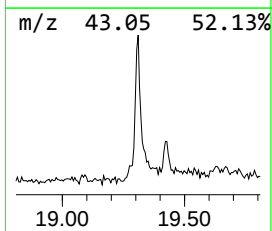
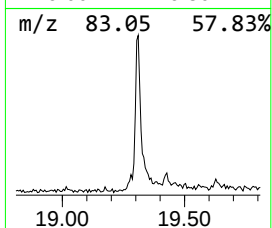
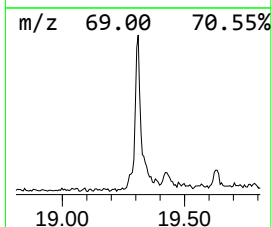
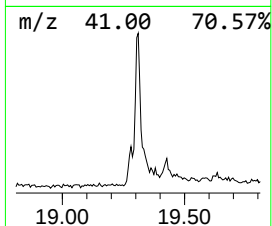
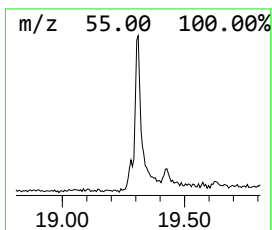
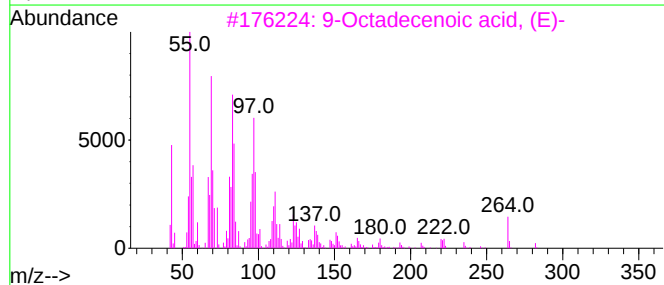
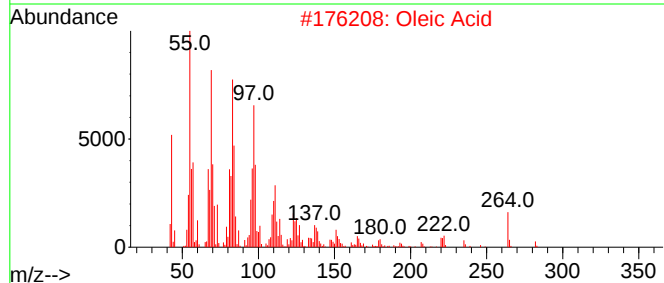
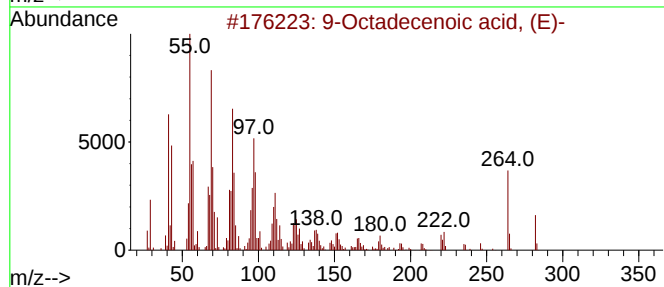
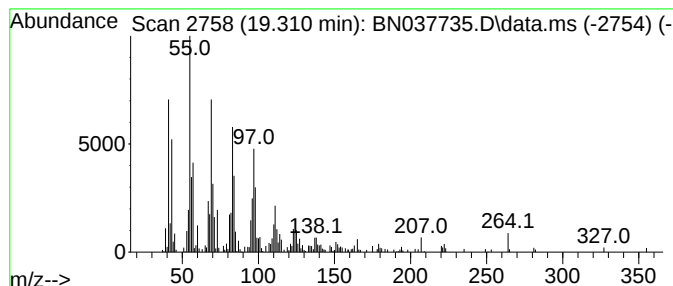
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091225.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.310 | 3.38 ng/ul | 319969 | Phenanthrene-d10 | 17.239 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8 | 99   |
| 2    |    |   | Oleic Acid                | 282 | C18H34O2 | 000112-80-1 | 99   |
| 3    |    |   | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8 | 99   |
| 4    |    |   | cis-13-Octadecenoic acid  | 282 | C18H34O2 | 013126-39-1 | 97   |
| 5    |    |   | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8 | 96   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091225.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 |
| 1-Naphthalenamine  | 15.034 | 3.9     | ng/ul | 351456   | 3                     | 14.492 | 1807410 | 20.0 |
| 9-Octadecenoic ... | 19.310 | 3.4     | ng/ul | 319969   | 4                     | 17.239 | 1892590 | 20.0 |