

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100224\  
 Data File : BN034384.D  
 Acq On : 03 Oct 2024 23:46  
 Operator : RC/JU  
 Sample : P4084-11  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCYM9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BN091124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN034384.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         | 3.005       | 17            | 20          | 27           | rVB      | 30151          | 40023         | 1.37%           | 0.127%        |
| 2         | 3.393       | 83            | 86          | 100          | rBV      | 272149         | 433517        | 14.79%          | 1.374%        |
| 3         | 3.693       | 133           | 137         | 143          | rVB      | 15985          | 23311         | 0.80%           | 0.074%        |
| 4         | 4.569       | 282           | 286         | 288          | rBV4     | 4044           | 5348          | 0.18%           | 0.017%        |
| 5         | 6.581       | 621           | 628         | 643          | rBV      | 401018         | 649055        | 22.14%          | 2.057%        |
| 6         | 6.734       | 648           | 654         | 666          | rVV      | 336362         | 531235        | 18.12%          | 1.683%        |
| 7         | 6.922       | 679           | 686         | 701          | rBV      | 450537         | 705140        | 24.06%          | 2.234%        |
| 8         | 7.381       | 757           | 764         | 775          | rBV      | 725617         | 1106618       | 37.75%          | 3.507%        |
| 9         | 8.099       | 879           | 886         | 900          | rBV      | 481135         | 812787        | 27.73%          | 2.576%        |
| 10        | 8.522       | 951           | 958         | 970          | rBV      | 384276         | 624169        | 21.29%          | 1.978%        |
| 11        | 8.969       | 1030          | 1034        | 1039         | rVB5     | 4454           | 5863          | 0.20%           | 0.019%        |
| 12        | 9.110       | 1052          | 1058        | 1066         | rBV      | 36842          | 62869         | 2.14%           | 0.199%        |
| 13        | 9.234       | 1073          | 1079        | 1089         | rBV      | 288264         | 486246        | 16.59%          | 1.541%        |
| 14        | 9.769       | 1163          | 1170        | 1181         | rBV      | 483691         | 803173        | 27.40%          | 2.545%        |
| 15        | 10.134      | 1224          | 1232        | 1245         | rBV      | 892799         | 1469505       | 50.14%          | 4.657%        |
| 16        | 10.287      | 1251          | 1258        | 1273         | rBV      | 430994         | 808065        | 27.57%          | 2.561%        |
| 17        | 10.546      | 1300          | 1302        | 1307         | rVB5     | 3011           | 4886          | 0.17%           | 0.015%        |
| 18        | 10.728      | 1327          | 1333        | 1334         | rBV5     | 7015           | 9393          | 0.32%           | 0.030%        |
| 19        | 11.734      | 1499          | 1504        | 1512         | rVV4     | 7159           | 13194         | 0.45%           | 0.042%        |
| 20        | 12.645      | 1656          | 1659        | 1662         | rBV4     | 2041           | 3455          | 0.12%           | 0.011%        |
| 21        | 12.675      | 1662          | 1664        | 1669         | rVB6     | 1617           | 2959          | 0.10%           | 0.009%        |
| 22        | 12.875      | 1694          | 1698        | 1705         | rBV5     | 5374           | 8516          | 0.29%           | 0.027%        |
| 23        | 13.457      | 1790          | 1797        | 1808         | rBV      | 798211         | 1187545       | 40.52%          | 3.763%        |
| 24        | 13.587      | 1816          | 1819        | 1824         | rVB7     | 2046           | 3045          | 0.10%           | 0.010%        |
| 25        | 13.722      | 1834          | 1842        | 1853         | rBV      | 993496         | 1504179       | 51.32%          | 4.766%        |
| 26        | 13.975      | 1880          | 1885        | 1889         | rBV6     | 3351           | 6267          | 0.21%           | 0.020%        |
| 27        | 14.034      | 1889          | 1895        | 1907         | rBV      | 1280341        | 1829168       | 62.41%          | 5.796%        |
| 28        | 14.269      | 1929          | 1935        | 1957         | rBV      | 151349         | 364901        | 12.45%          | 1.156%        |
| 29        | 14.869      | 2034          | 2037        | 2039         | rBV4     | 2890           | 3452          | 0.12%           | 0.011%        |
| 30        | 14.928      | 2045          | 2047        | 2051         | rBV4     | 2435           | 3221          | 0.11%           | 0.010%        |
| 31        | 15.039      | 2059          | 2066        | 2083         | rBV      | 1298522        | 1892038       | 64.55%          | 5.996%        |
| 32        | 15.169      | 2083          | 2088        | 2103         | rVV      | 236145         | 346241        | 11.81%          | 1.097%        |
| 33        | 15.281      | 2103          | 2107        | 2110         | rVB3     | 5067           | 6864          | 0.23%           | 0.022%        |
| 34        | 15.416      | 2125          | 2130        | 2138         | rBV      | 208336         | 282832        | 9.65%           | 0.896%        |
| 35        | 15.981      | 2223          | 2226        | 2232         | rVB5     | 5175           | 9004          | 0.31%           | 0.029%        |
| 36        | 16.586      | 2325          | 2329        | 2331         | rVV3     | 4733           | 5319          | 0.18%           | 0.017%        |

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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-BN091124.MA.M  
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|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 16.792 | 2358 | 2364 | 2374 | rVV  | 1443433 | 2074799 | 70.79%  | 6.575% |
| 38 | 16.886 | 2375 | 2380 | 2391 | rVV2 | 1333852 | 1977030 | 67.45%  | 6.265% |
| 39 | 17.016 | 2398 | 2402 | 2410 | rVB7 | 13817   | 23684   | 0.81%   | 0.075% |
| 40 | 17.269 | 2442 | 2445 | 2448 | rBV5 | 2357    | 3061    | 0.10%   | 0.010% |
| 41 | 17.727 | 2516 | 2523 | 2533 | rBV  | 170755  | 300922  | 10.27%  | 0.954% |
| 42 | 18.163 | 2594 | 2597 | 2600 | rBV5 | 3079    | 3122    | 0.11%   | 0.010% |
| 43 | 18.539 | 2656 | 2661 | 2662 | rBV5 | 4337    | 6793    | 0.23%   | 0.022% |
| 44 | 18.763 | 2695 | 2699 | 2703 | rBV3 | 20491   | 25440   | 0.87%   | 0.081% |
| 45 | 18.833 | 2707 | 2711 | 2714 | rBV  | 18235   | 21014   | 0.72%   | 0.067% |
| 46 | 18.869 | 2715 | 2717 | 2720 | rVB2 | 5721    | 6337    | 0.22%   | 0.020% |
| 47 | 19.022 | 2739 | 2743 | 2751 | rBV6 | 36511   | 68367   | 2.33%   | 0.217% |
| 48 | 19.198 | 2768 | 2773 | 2788 | rBV  | 1789253 | 2470896 | 84.30%  | 7.830% |
| 49 | 19.798 | 2873 | 2875 | 2880 | rVB5 | 10767   | 11519   | 0.39%   | 0.037% |
| 50 | 20.757 | 3035 | 3038 | 3046 | rBV2 | 203224  | 295455  | 10.08%  | 0.936% |
| 51 | 21.027 | 3078 | 3084 | 3095 | rBV2 | 1733772 | 2520086 | 85.98%  | 7.986% |
| 52 | 23.551 | 3505 | 3513 | 3526 | rVB  | 1255562 | 2764424 | 94.31%  | 8.760% |
| 53 | 23.733 | 3536 | 3544 | 3552 | rBV  | 1298450 | 2931067 | 100.00% | 9.288% |

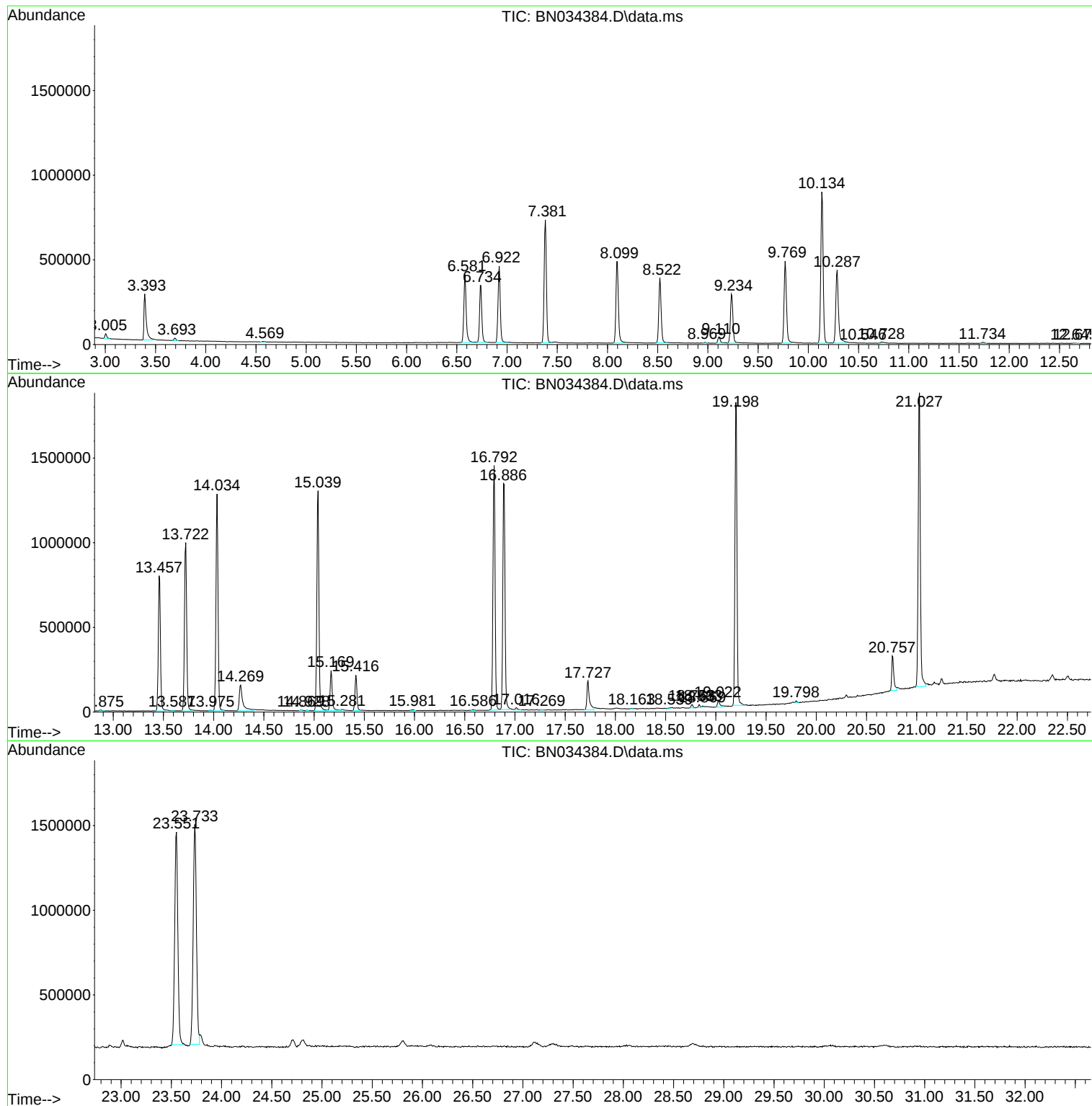
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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DCYM9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

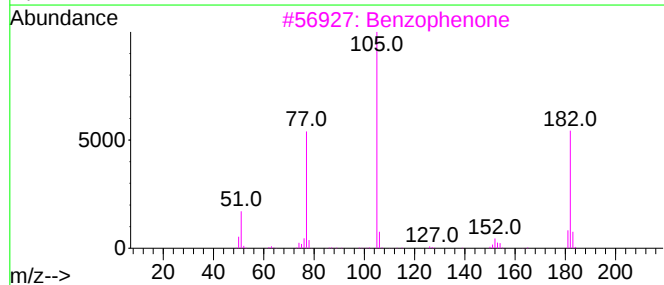
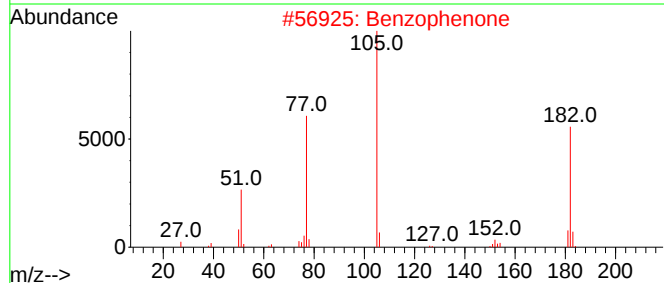
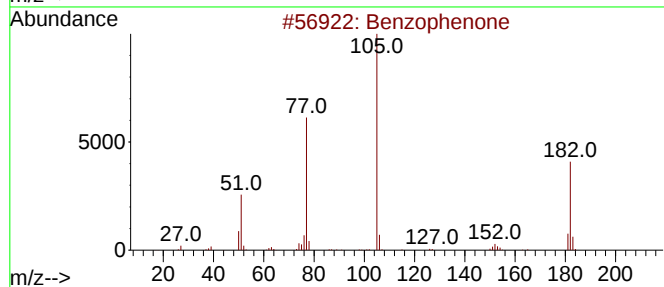
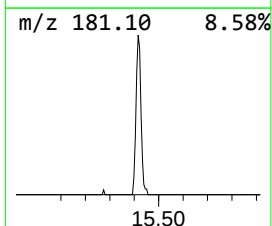
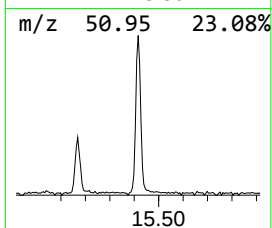
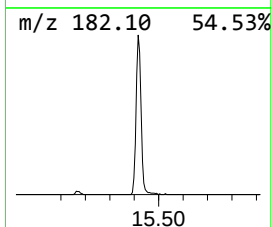
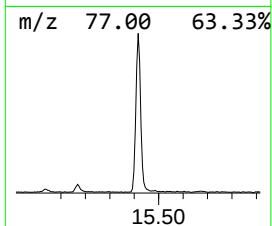
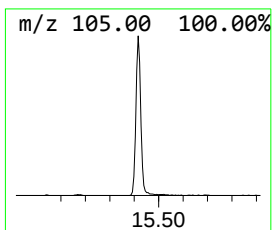
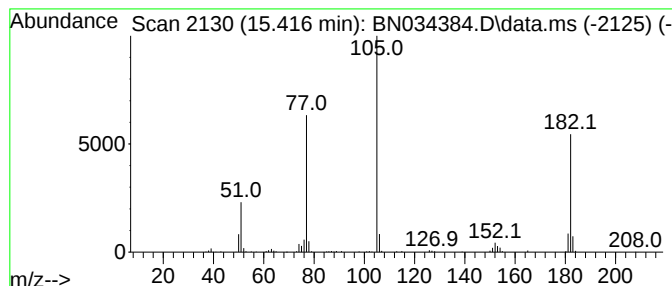
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.416 | 2.73 ng/ul | 282832 | Phenanthrene-d10 | 16.792 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



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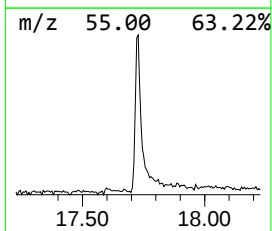
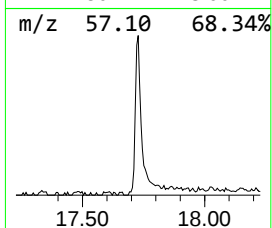
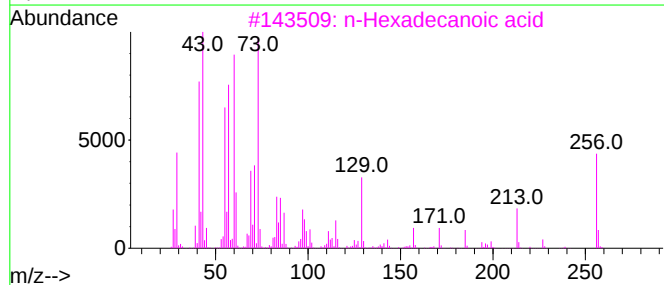
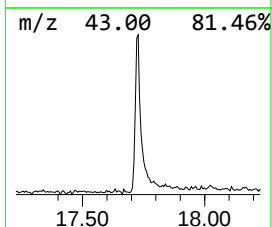
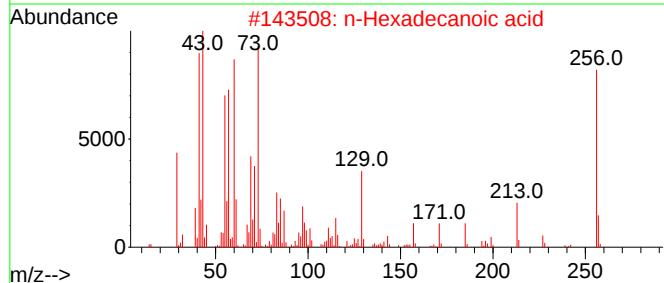
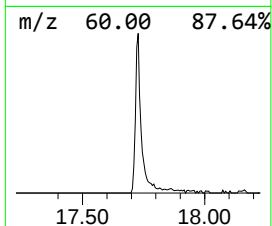
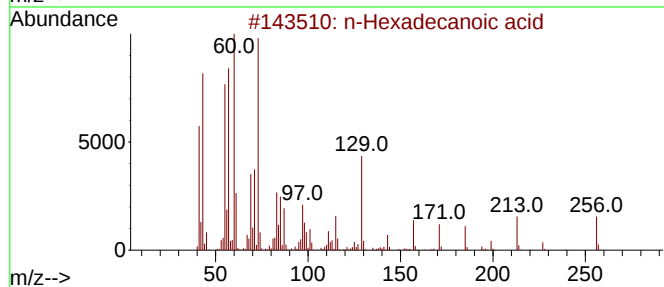
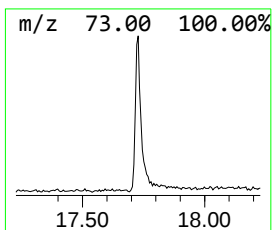
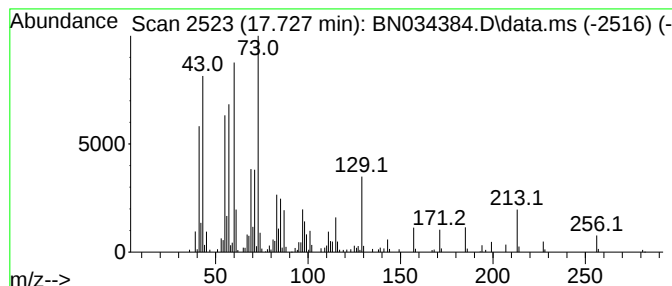
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.727 | 2.90 ng/ul | 300922 | Phenanthrene-d10 | 16.792 |

| 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 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |



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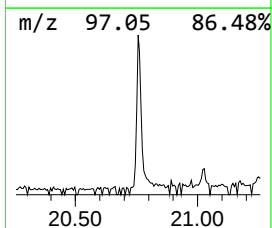
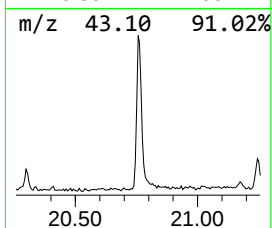
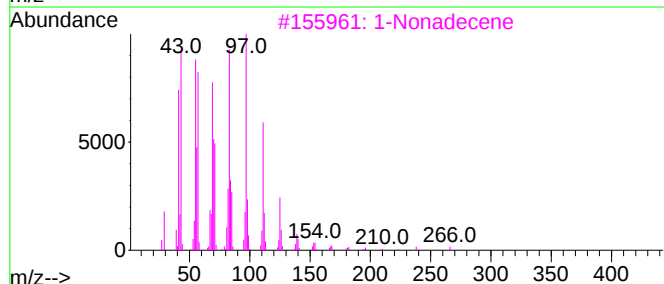
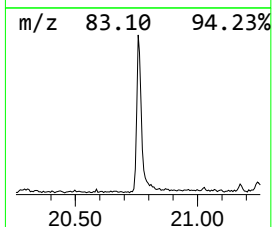
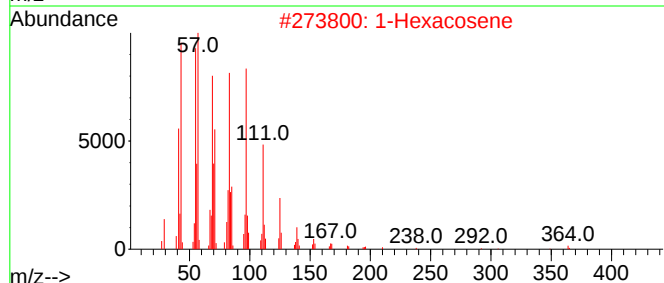
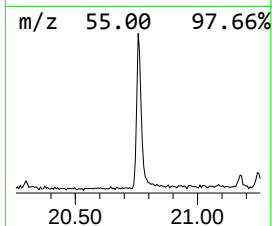
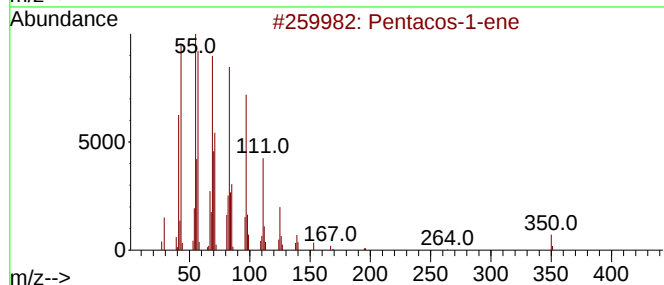
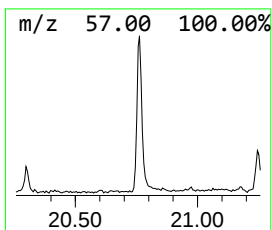
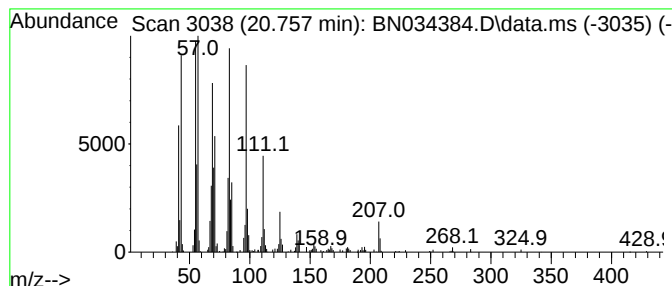
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.757 | 2.34 ng/ul | 295455 | Chrysene-d12     | 21.027 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Pentacos-1-ene                      | 350 | C25H50     | 016980-85-1 | 94   |
| 2    |    |   | 1-Hexacosene                        | 364 | C26H52     | 018835-33-1 | 93   |
| 3    |    |   | 1-Nonadecene                        | 266 | C19H38     | 018435-45-5 | 91   |
| 4    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91   |
| 5    |    |   | 1-Tetracosene                       | 336 | C24H48     | 010192-32-2 | 91   |



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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 |
| Benzophenone       | 15.416 | 2.7     | ng/u1 | 282832   | 4                     | 16.792 | 2074800 | 20.0 |
| n-Hexadecanoic ... | 17.727 | 2.9     | ng/u1 | 300922   | 4                     | 16.792 | 2074800 | 20.0 |
| (DEL) Alkane: S... | 20.757 | 2.3     | ng/u1 | 295455   | 5                     | 21.027 | 2520090 | 20.0 |