

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091324\  
 Data File : BN033906.D  
 Acq On : 13 Sep 2024 21:02  
 Operator : JU/RC  
 Sample : P3898-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDC79

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  
 Title : SVOA CALIBRATION

Signal : TIC: BN033906.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         | 3.111       | 17            | 21          | 29           | rVB      | 33063          | 46088         | 1.47%           | 0.128%        |
| 2         | 3.499       | 83            | 87          | 103          | rBV      | 372927         | 571359        | 18.21%          | 1.586%        |
| 3         | 3.805       | 134           | 139         | 143          | rVB      | 18131          | 24259         | 0.77%           | 0.067%        |
| 4         | 4.675       | 283           | 287         | 288          | rBV4     | 2632           | 3196          | 0.10%           | 0.009%        |
| 5         | 5.558       | 433           | 437         | 442          | rBV7     | 2264           | 4017          | 0.13%           | 0.011%        |
| 6         | 6.522       | 596           | 601         | 605          | rBV7     | 4265           | 7196          | 0.23%           | 0.020%        |
| 7         | 6.681       | 622           | 628         | 641          | rVB      | 485021         | 751246        | 23.94%          | 2.086%        |
| 8         | 6.840       | 649           | 655         | 664          | rBV      | 369078         | 558283        | 17.79%          | 1.550%        |
| 9         | 6.940       | 669           | 672         | 676          | rVB6     | 2617           | 3393          | 0.11%           | 0.009%        |
| 10        | 7.028       | 679           | 687         | 696          | rBV      | 493862         | 748225        | 23.85%          | 2.077%        |
| 11        | 7.134       | 702           | 705         | 710          | rVB7     | 2439           | 3877          | 0.12%           | 0.011%        |
| 12        | 7.487       | 758           | 765         | 773          | rBV      | 742828         | 1165306       | 37.14%          | 3.235%        |
| 13        | 7.575       | 775           | 780         | 786          | rVB6     | 7736           | 12828         | 0.41%           | 0.036%        |
| 14        | 7.728       | 802           | 806         | 809          | rBV6     | 2505           | 4097          | 0.13%           | 0.011%        |
| 15        | 7.916       | 834           | 838         | 842          | rVB5     | 2692           | 4405          | 0.14%           | 0.012%        |
| 16        | 8.199       | 879           | 886         | 896          | rBV      | 591266         | 900857        | 28.71%          | 2.501%        |
| 17        | 8.628       | 951           | 959         | 967          | rBV      | 431456         | 700794        | 22.33%          | 1.946%        |
| 18        | 8.816       | 985           | 991         | 994          | rBV7     | 2752           | 4235          | 0.13%           | 0.012%        |
| 19        | 9.022       | 1023          | 1026        | 1028         | rBV4     | 2313           | 3303          | 0.11%           | 0.009%        |
| 20        | 9.081       | 1031          | 1036        | 1040         | rVB4     | 6792           | 11410         | 0.36%           | 0.032%        |
| 21        | 9.211       | 1052          | 1058        | 1067         | rVB      | 35319          | 54961         | 1.75%           | 0.153%        |
| 22        | 9.346       | 1072          | 1081        | 1092         | rBV      | 351420         | 565349        | 18.02%          | 1.570%        |
| 23        | 9.605       | 1121          | 1125        | 1128         | rBV4     | 2526           | 4064          | 0.13%           | 0.011%        |
| 24        | 9.881       | 1162          | 1172        | 1182         | rBV      | 532959         | 878142        | 27.99%          | 2.438%        |
| 25        | 9.963       | 1184          | 1186        | 1193         | rVB6     | 2821           | 4720          | 0.15%           | 0.013%        |
| 26        | 10.252      | 1227          | 1235        | 1242         | rBV      | 960757         | 1608026       | 51.25%          | 4.464%        |
| 27        | 10.393      | 1251          | 1259        | 1270         | rBV      | 543246         | 905158        | 28.85%          | 2.513%        |
| 28        | 10.822      | 1326          | 1332        | 1337         | rVV5     | 10265          | 19242         | 0.61%           | 0.053%        |
| 29        | 10.905      | 1341          | 1346        | 1349         | rVB6     | 1630           | 3149          | 0.10%           | 0.009%        |
| 30        | 11.069      | 1371          | 1374        | 1376         | rBV4     | 3099           | 3916          | 0.12%           | 0.011%        |
| 31        | 11.310      | 1411          | 1415        | 1419         | rVB7     | 1847           | 3311          | 0.11%           | 0.009%        |
| 32        | 11.575      | 1454          | 1460        | 1461         | rVB6     | 3215           | 4211          | 0.13%           | 0.012%        |
| 33        | 11.705      | 1478          | 1482        | 1486         | rBV6     | 2653           | 4414          | 0.14%           | 0.012%        |
| 34        | 11.846      | 1501          | 1506        | 1514         | rVB2     | 9350           | 15636         | 0.50%           | 0.043%        |
| 35        | 12.534      | 1621          | 1623        | 1629         | rVB7     | 2478           | 4156          | 0.13%           | 0.012%        |
| 36        | 12.934      | 1686          | 1691        | 1693         | rBV5     | 2278           | 3164          | 0.10%           | 0.009%        |

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 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDC79

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  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 12.981 | 1695 | 1699 | 1702 | rVV4  | 8356    | 11120   | 0.35%  | 0.031% |
| 38 | 13.557 | 1791 | 1797 | 1803 | rBV   | 986432  | 1317492 | 41.99% | 3.658% |
| 39 | 13.646 | 1810 | 1812 | 1815 | rVB2  | 3507    | 3321    | 0.11%  | 0.009% |
| 40 | 13.763 | 1825 | 1832 | 1833 | rBV5  | 1825    | 3564    | 0.11%  | 0.010% |
| 41 | 13.822 | 1835 | 1842 | 1849 | rBV   | 1059097 | 1538542 | 49.03% | 4.271% |
| 42 | 14.069 | 1878 | 1884 | 1887 | rBV5  | 5535    | 6284    | 0.20%  | 0.017% |
| 43 | 14.134 | 1889 | 1895 | 1902 | rVV   | 1419333 | 2017386 | 64.29% | 5.601% |
| 44 | 14.357 | 1925 | 1933 | 1947 | rBV   | 403274  | 658578  | 20.99% | 1.828% |
| 45 | 14.575 | 1966 | 1970 | 1978 | rVB7  | 7389    | 12853   | 0.41%  | 0.036% |
| 46 | 14.769 | 2000 | 2003 | 2006 | rVB5  | 2901    | 3237    | 0.10%  | 0.009% |
| 47 | 14.963 | 2032 | 2036 | 2039 | rBV6  | 3349    | 5075    | 0.16%  | 0.014% |
| 48 | 15.022 | 2043 | 2046 | 2050 | rVV5  | 2790    | 3387    | 0.11%  | 0.009% |
| 49 | 15.134 | 2059 | 2065 | 2080 | rBV   | 1367600 | 1938404 | 61.78% | 5.382% |
| 50 | 15.263 | 2080 | 2087 | 2096 | rBV   | 304365  | 435014  | 13.86% | 1.208% |
| 51 | 15.375 | 2102 | 2106 | 2112 | rVB5  | 7050    | 12034   | 0.38%  | 0.033% |
| 52 | 15.510 | 2124 | 2129 | 2137 | rBV   | 602176  | 780564  | 24.88% | 2.167% |
| 53 | 16.075 | 2217 | 2225 | 2232 | rBV   | 81425   | 110658  | 3.53%  | 0.307% |
| 54 | 16.334 | 2264 | 2269 | 2275 | rVB10 | 4860    | 7945    | 0.25%  | 0.022% |
| 55 | 16.545 | 2302 | 2305 | 2308 | rBV5  | 4688    | 6289    | 0.20%  | 0.017% |
| 56 | 16.634 | 2316 | 2320 | 2324 | rBV7  | 2607    | 4467    | 0.14%  | 0.012% |
| 57 | 16.681 | 2324 | 2328 | 2332 | rVB5  | 5656    | 8214    | 0.26%  | 0.023% |
| 58 | 16.887 | 2357 | 2363 | 2374 | rVB   | 1732784 | 2421904 | 77.19% | 6.724% |
| 59 | 16.987 | 2374 | 2380 | 2390 | rBV2  | 1575616 | 2171108 | 69.19% | 6.028% |
| 60 | 17.104 | 2396 | 2400 | 2405 | rVB7  | 22754   | 33419   | 1.07%  | 0.093% |
| 61 | 17.198 | 2414 | 2416 | 2422 | rVB4  | 3949    | 5600    | 0.18%  | 0.016% |
| 62 | 17.298 | 2431 | 2433 | 2438 | rVV6  | 3062    | 3193    | 0.10%  | 0.009% |
| 63 | 17.422 | 2451 | 2454 | 2458 | rVB5  | 3641    | 4629    | 0.15%  | 0.013% |
| 64 | 17.692 | 2496 | 2500 | 2507 | rBV10 | 6165    | 14220   | 0.45%  | 0.039% |
| 65 | 17.816 | 2516 | 2521 | 2531 | rBV   | 317444  | 484012  | 15.43% | 1.344% |
| 66 | 18.104 | 2567 | 2570 | 2575 | rVB2  | 15055   | 18181   | 0.58%  | 0.050% |
| 67 | 18.251 | 2593 | 2595 | 2598 | rVB4  | 6632    | 5916    | 0.19%  | 0.016% |
| 68 | 18.657 | 2660 | 2664 | 2668 | rBV2  | 19368   | 29905   | 0.95%  | 0.083% |
| 69 | 18.857 | 2694 | 2698 | 2705 | rBV6  | 22324   | 35387   | 1.13%  | 0.098% |
| 70 | 18.928 | 2706 | 2710 | 2713 | rBV   | 22809   | 25582   | 0.82%  | 0.071% |
| 71 | 18.963 | 2713 | 2716 | 2718 | rBV4  | 8501    | 9827    | 0.31%  | 0.027% |
| 72 | 19.110 | 2737 | 2741 | 2751 | rBV   | 86794   | 124468  | 3.97%  | 0.346% |
| 73 | 19.292 | 2764 | 2772 | 2780 | rBV   | 1963271 | 2668150 | 85.03% | 7.407% |
| 74 | 20.845 | 3032 | 3036 | 3044 | rBV   | 323882  | 466995  | 14.88% | 1.297% |
| 75 | 21.069 | 3071 | 3074 | 3077 | rVB2  | 57831   | 63744   | 2.03%  | 0.177% |
| 76 | 21.122 | 3078 | 3083 | 3090 | rBV   | 2065481 | 2883788 | 91.91% | 8.006% |

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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC79

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  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |         |         |         |        |
|----|--------|------|------|------|-----|---------|---------|---------|--------|
| 77 | 23.710 | 3515 | 3523 | 3538 | rVB | 1265847 | 2917377 | 92.98%  | 8.099% |
| 78 | 23.898 | 3547 | 3555 | 3564 | rBV | 1384070 | 3137772 | 100.00% | 8.711% |

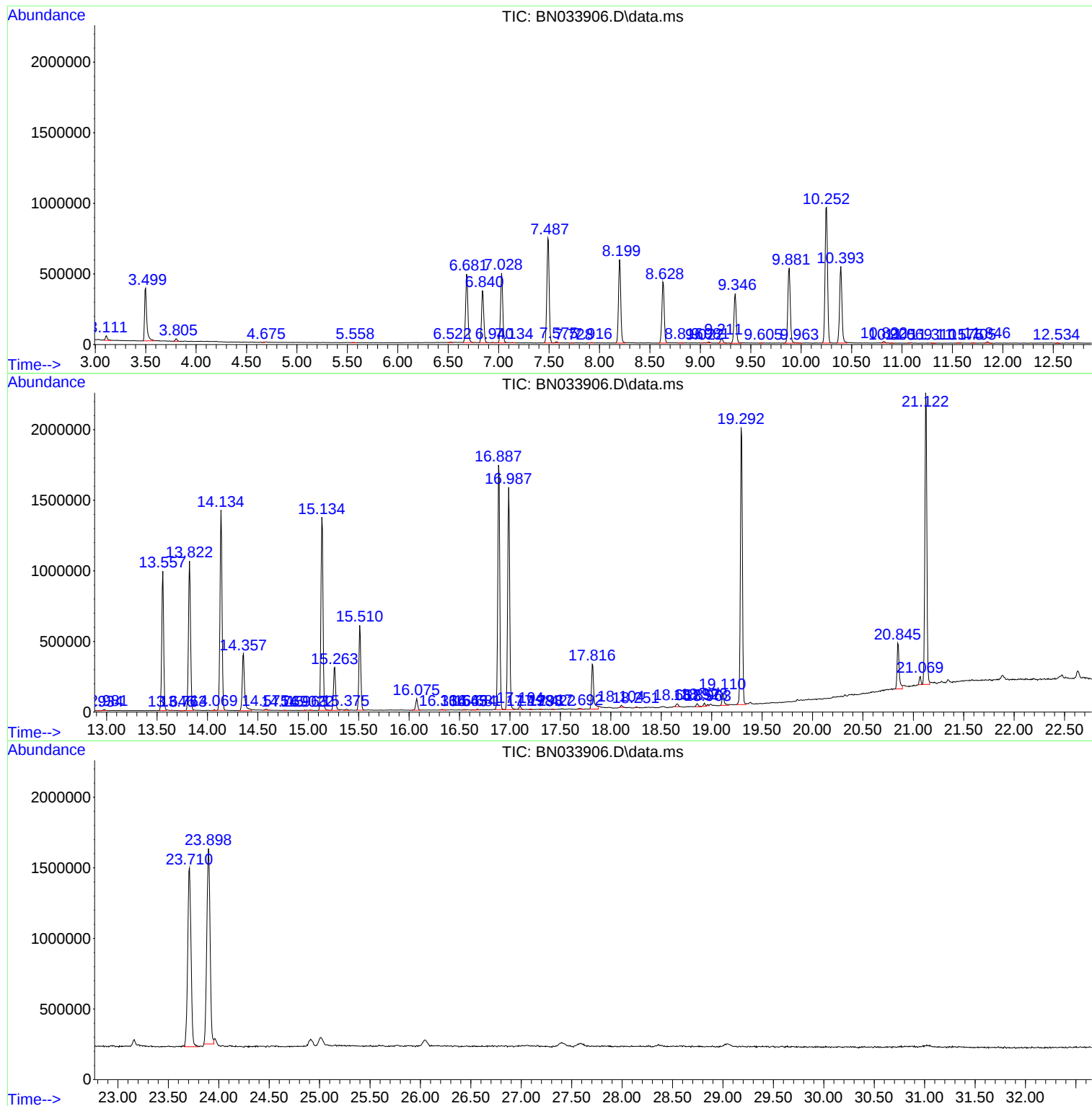
Sum of corrected areas: 36019598

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091324\  
Data File : BN033906.D  
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Instrument :  
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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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091324\  
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC79

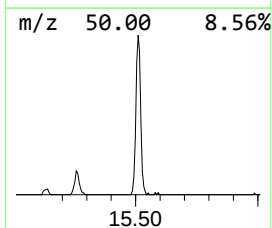
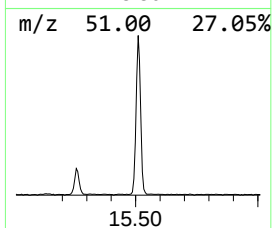
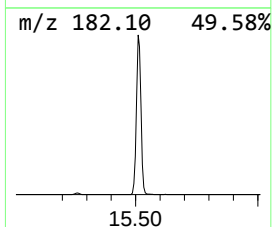
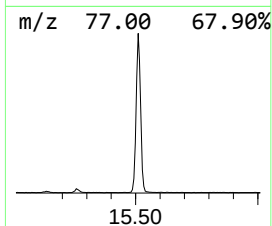
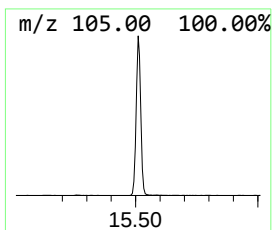
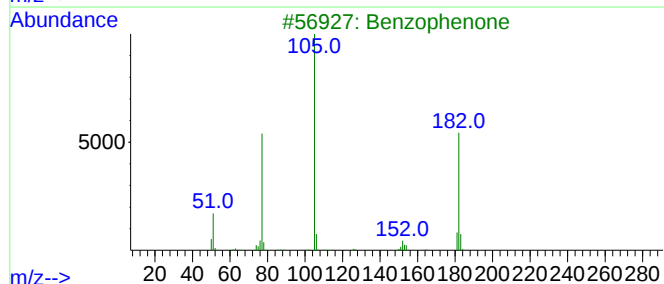
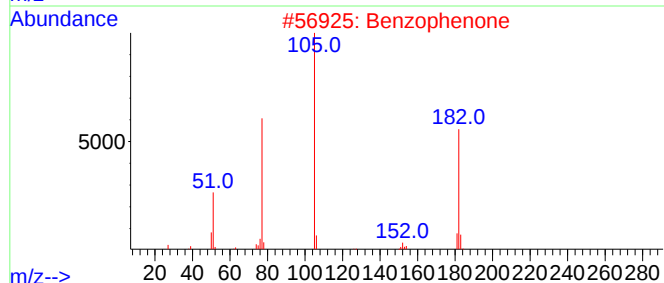
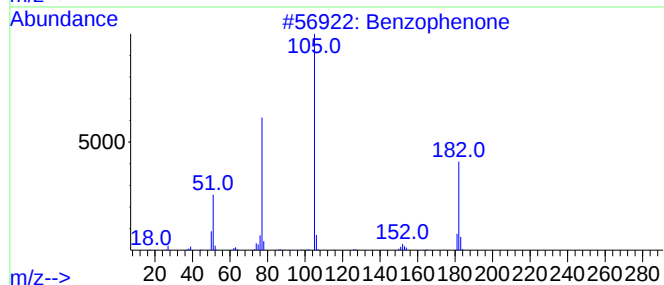
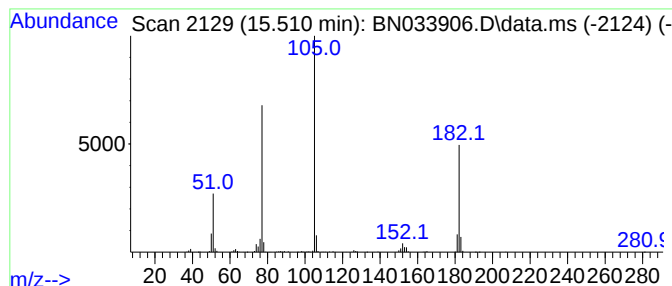
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.510 | 7.74 ng/ul | 780564 | Acenaphthene-d10 | 14.134 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



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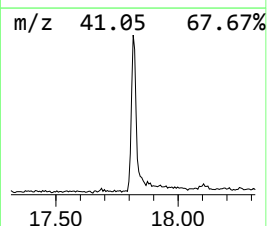
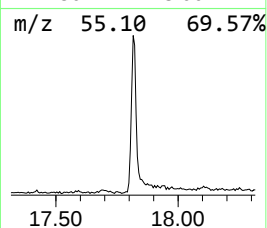
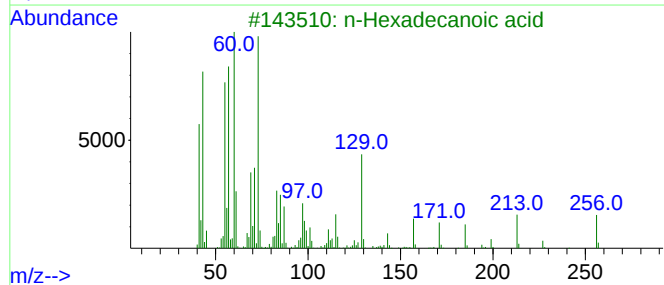
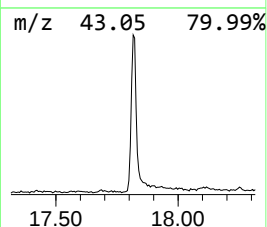
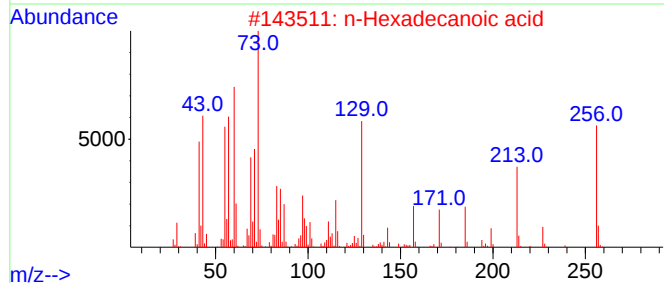
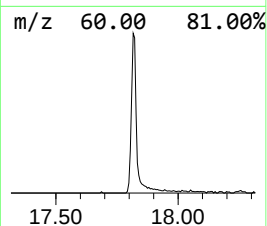
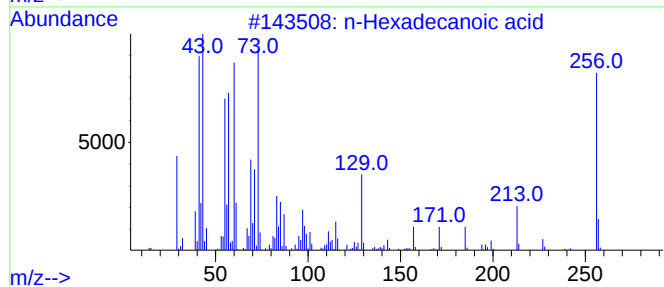
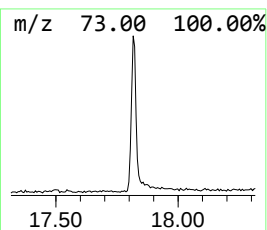
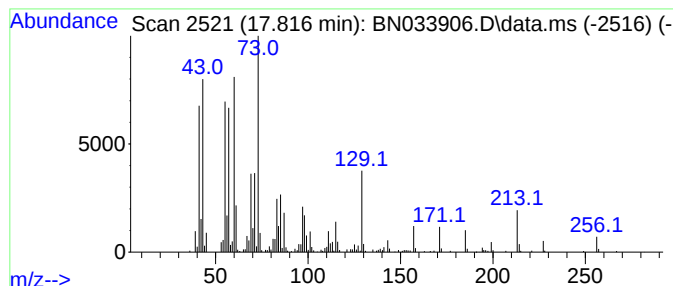
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.816 | 4.00 ng/ul | 484012 | Phenanthrene-d10 | 16.887 |

| 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 | 98   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |



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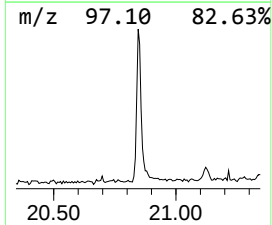
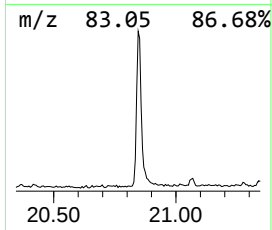
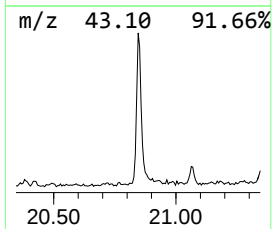
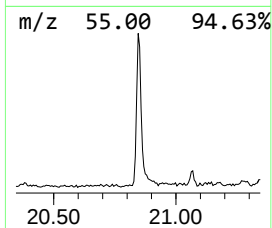
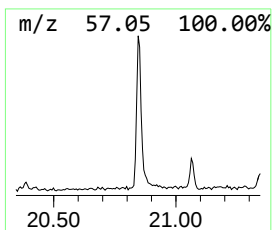
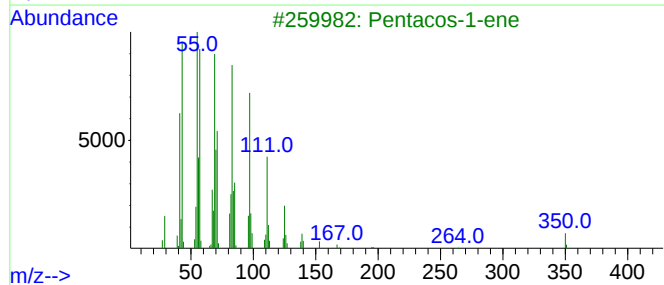
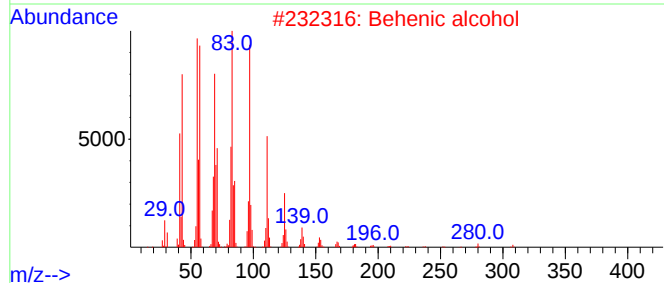
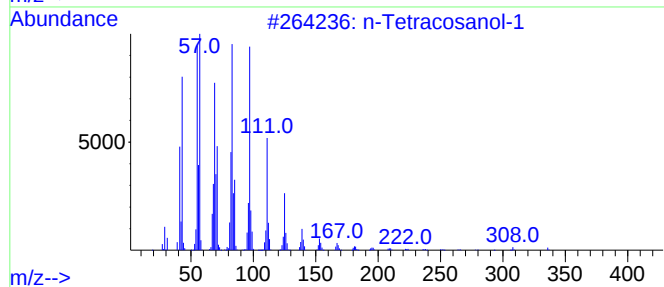
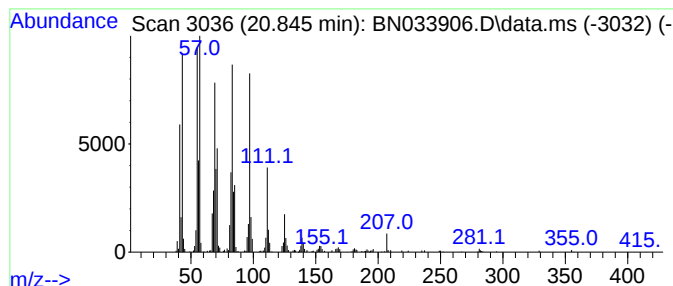
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.845 | 3.24 ng/ul | 466995 | Chrysene-d12     | 21.122 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-----------------------------|-----|------------|-------------|------|
| 1    |    |   | n-Tetracosanol-1            | 354 | C24H50O    | 000506-51-4 | 94   |
| 2    |    |   | Behenic alcohol             | 326 | C22H46O    | 000661-19-8 | 94   |
| 3    |    |   | Pentacos-1-ene              | 350 | C25H50     | 016980-85-1 | 94   |
| 4    |    |   | 1-Heneicosanol              | 312 | C21H44O    | 015594-90-8 | 93   |
| 5    |    |   | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091324\  
Data File : BN033906.D  
Acq On : 13 Sep 2024 21:02  
Operator : JU/RC  
Sample : P3898-14  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC79

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.510 | 7.7     | ng/ul | 780564   | 3                     | 14.134 | 2017390 | 20.0 |
| n-Hexadecanoic ... | 17.816 | 4.0     | ng/ul | 484012   | 4                     | 16.887 | 2421900 | 20.0 |
| n-Tetracosanol-1   | 20.845 | 3.2     | ng/ul | 466995   | 5                     | 21.122 | 2883790 | 20.0 |