

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100224\  
 Data File : BN034357.D  
 Acq On : 03 Oct 2024 05:23  
 Operator : RC/JU  
 Sample : P4017-16  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDC98

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: BN034357.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       | 16            | 20          | 31           | rVB      | 53559          | 75194         | 1.25%           | 0.128%        |
| 2         | 3.393       | 82            | 86          | 104          | rBV      | 587243         | 930167        | 15.50%          | 1.578%        |
| 3         | 3.693       | 134           | 137         | 143          | rVB      | 13974          | 19133         | 0.32%           | 0.032%        |
| 4         | 4.011       | 188           | 191         | 201          | rVB6     | 8582           | 14947         | 0.25%           | 0.025%        |
| 5         | 4.575       | 283           | 287         | 288          | rBV2     | 7482           | 9165          | 0.15%           | 0.016%        |
| 6         | 6.581       | 622           | 628         | 642          | rBV      | 813086         | 1346403       | 22.43%          | 2.285%        |
| 7         | 6.740       | 649           | 655         | 664          | rVB      | 705107         | 1050484       | 17.50%          | 1.783%        |
| 8         | 6.922       | 680           | 686         | 695          | rBV      | 927013         | 1429450       | 23.81%          | 2.426%        |
| 9         | 7.028       | 700           | 704         | 709          | rVB7     | 7060           | 12086         | 0.20%           | 0.021%        |
| 10        | 7.381       | 757           | 764         | 773          | rBV      | 901614         | 1386453       | 23.10%          | 2.353%        |
| 11        | 7.475       | 774           | 780         | 784          | rVB5     | 6505           | 13207         | 0.22%           | 0.022%        |
| 12        | 8.099       | 879           | 886         | 898          | rBV      | 1079193        | 1711241       | 28.51%          | 2.904%        |
| 13        | 8.528       | 951           | 959         | 970          | rBV      | 803787         | 1288584       | 21.47%          | 2.187%        |
| 14        | 8.610       | 972           | 973         | 978          | rVB5     | 7707           | 8122          | 0.14%           | 0.014%        |
| 15        | 8.705       | 985           | 989         | 996          | rVB8     | 3483           | 6592          | 0.11%           | 0.011%        |
| 16        | 8.975       | 1030          | 1035        | 1041         | rVB5     | 7586           | 13919         | 0.23%           | 0.024%        |
| 17        | 9.110       | 1052          | 1058        | 1067         | rBV      | 55706          | 89364         | 1.49%           | 0.152%        |
| 18        | 9.240       | 1073          | 1080        | 1089         | rBV      | 654202         | 1067908       | 17.79%          | 1.812%        |
| 19        | 9.775       | 1164          | 1171        | 1184         | rBV      | 998779         | 1717730       | 28.62%          | 2.915%        |
| 20        | 10.140      | 1225          | 1233        | 1242         | rBV      | 1188539        | 1920132       | 31.99%          | 3.258%        |
| 21        | 10.287      | 1250          | 1258        | 1279         | rBV      | 976153         | 1741243       | 29.01%          | 2.955%        |
| 22        | 10.722      | 1326          | 1332        | 1340         | rBV4     | 15481          | 38800         | 0.65%           | 0.066%        |
| 23        | 11.575      | 1471          | 1477        | 1479         | rBV5     | 3812           | 7141          | 0.12%           | 0.012%        |
| 24        | 11.740      | 1499          | 1505        | 1515         | rVB2     | 18173          | 33872         | 0.56%           | 0.057%        |
| 25        | 12.881      | 1692          | 1699        | 1703         | rBV6     | 13942          | 22453         | 0.37%           | 0.038%        |
| 26        | 13.463      | 1791          | 1798        | 1810         | rBV      | 1707931        | 2392173       | 39.85%          | 4.059%        |
| 27        | 13.545      | 1810          | 1812        | 1816         | rVV4     | 6717           | 8643          | 0.14%           | 0.015%        |
| 28        | 13.587      | 1816          | 1819        | 1824         | rVB5     | 5384           | 6708          | 0.11%           | 0.011%        |
| 29        | 13.722      | 1835          | 1842        | 1858         | rBV2     | 2090656        | 3163013       | 52.69%          | 5.367%        |
| 30        | 13.975      | 1879          | 1885        | 1888         | rBV2     | 10882          | 16113         | 0.27%           | 0.027%        |
| 31        | 14.034      | 1889          | 1895        | 1907         | rVB      | 1665695        | 2455430       | 40.90%          | 4.167%        |
| 32        | 14.269      | 1929          | 1935        | 1953         | rBV      | 489000         | 851606        | 14.19%          | 1.445%        |
| 33        | 14.487      | 1969          | 1972        | 1976         | rVB6     | 8920           | 12306         | 0.21%           | 0.021%        |
| 34        | 14.681      | 1996          | 2005        | 2011         | rVB4     | 13992          | 25459         | 0.42%           | 0.043%        |
| 35        | 14.875      | 2034          | 2038        | 2044         | rBV5     | 6850           | 14073         | 0.23%           | 0.024%        |
| 36        | 14.934      | 2044          | 2048        | 2052         | rVB4     | 11721          | 13735         | 0.23%           | 0.023%        |

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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDC98

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

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.040 | 2060 | 2066 | 2080 | rBV  | 2718044 | 3841037 | 63.99%  | 6.518%  |
| 38 | 15.169 | 2083 | 2088 | 2100 | rVV  | 546275  | 774411  | 12.90%  | 1.314%  |
| 39 | 15.281 | 2103 | 2107 | 2112 | rVB3 | 11718   | 15683   | 0.26%   | 0.027%  |
| 40 | 15.422 | 2125 | 2131 | 2141 | rBV  | 1037069 | 1432656 | 23.87%  | 2.431%  |
| 41 | 15.745 | 2182 | 2186 | 2188 | rBV5 | 5104    | 7227    | 0.12%   | 0.012%  |
| 42 | 15.804 | 2191 | 2196 | 2198 | rVV5 | 8010    | 11202   | 0.19%   | 0.019%  |
| 43 | 15.828 | 2198 | 2200 | 2204 | rVB5 | 5509    | 6713    | 0.11%   | 0.011%  |
| 44 | 15.981 | 2221 | 2226 | 2231 | rBV  | 64932   | 86403   | 1.44%   | 0.147%  |
| 45 | 16.381 | 2289 | 2294 | 2298 | rBV7 | 4189    | 8064    | 0.13%   | 0.014%  |
| 46 | 16.451 | 2301 | 2306 | 2312 | rBV  | 68131   | 106475  | 1.77%   | 0.181%  |
| 47 | 16.586 | 2325 | 2329 | 2335 | rBV7 | 6866    | 12883   | 0.21%   | 0.022%  |
| 48 | 16.792 | 2358 | 2364 | 2375 | rBV  | 2065489 | 2883610 | 48.04%  | 4.893%  |
| 49 | 16.892 | 2375 | 2381 | 2392 | rBV2 | 2962026 | 4167697 | 69.43%  | 7.072%  |
| 50 | 17.010 | 2398 | 2401 | 2407 | rVB2 | 26538   | 36254   | 0.60%   | 0.062%  |
| 51 | 17.428 | 2467 | 2472 | 2477 | rVB  | 68085   | 90578   | 1.51%   | 0.154%  |
| 52 | 17.728 | 2518 | 2523 | 2533 | rBV  | 355481  | 597292  | 9.95%   | 1.014%  |
| 53 | 18.010 | 2565 | 2571 | 2580 | rBV3 | 22384   | 45156   | 0.75%   | 0.077%  |
| 54 | 18.163 | 2593 | 2597 | 2600 | rBV4 | 14623   | 21062   | 0.35%   | 0.036%  |
| 55 | 18.316 | 2620 | 2623 | 2628 | rVB7 | 5751    | 7060    | 0.12%   | 0.012%  |
| 56 | 18.422 | 2637 | 2641 | 2646 | rVB7 | 11833   | 23471   | 0.39%   | 0.040%  |
| 57 | 18.569 | 2658 | 2666 | 2670 | rBV2 | 34114   | 66439   | 1.11%   | 0.113%  |
| 58 | 18.763 | 2695 | 2699 | 2706 | rBV2 | 42869   | 56932   | 0.95%   | 0.097%  |
| 59 | 18.833 | 2707 | 2711 | 2715 | rBV  | 42792   | 56812   | 0.95%   | 0.096%  |
| 60 | 18.875 | 2715 | 2718 | 2721 | rBV5 | 16247   | 22191   | 0.37%   | 0.038%  |
| 61 | 19.028 | 2739 | 2744 | 2752 | rBV  | 122195  | 209087  | 3.48%   | 0.355%  |
| 62 | 19.204 | 2767 | 2774 | 2782 | rBV  | 3851320 | 5091768 | 84.82%  | 8.640%  |
| 63 | 19.804 | 2873 | 2876 | 2879 | rBV4 | 18795   | 21006   | 0.35%   | 0.036%  |
| 64 | 20.763 | 3034 | 3039 | 3046 | rBV  | 526334  | 682568  | 11.37%  | 1.158%  |
| 65 | 21.027 | 3078 | 3084 | 3099 | rBV  | 2484774 | 3518150 | 58.61%  | 5.970%  |
| 66 | 23.557 | 3505 | 3514 | 3532 | rVB  | 2652865 | 6002865 | 100.00% | 10.186% |
| 67 | 23.739 | 3536 | 3545 | 3553 | rBV  | 1772447 | 4114065 | 68.54%  | 6.981%  |

Sum of corrected areas: 58929866

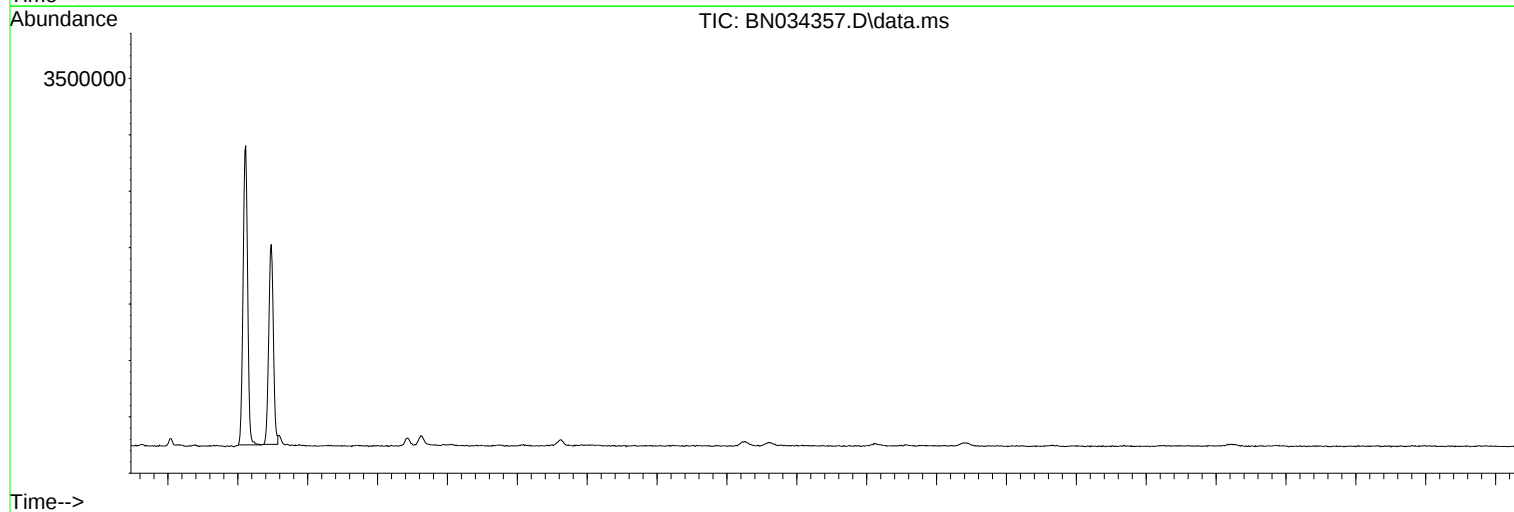
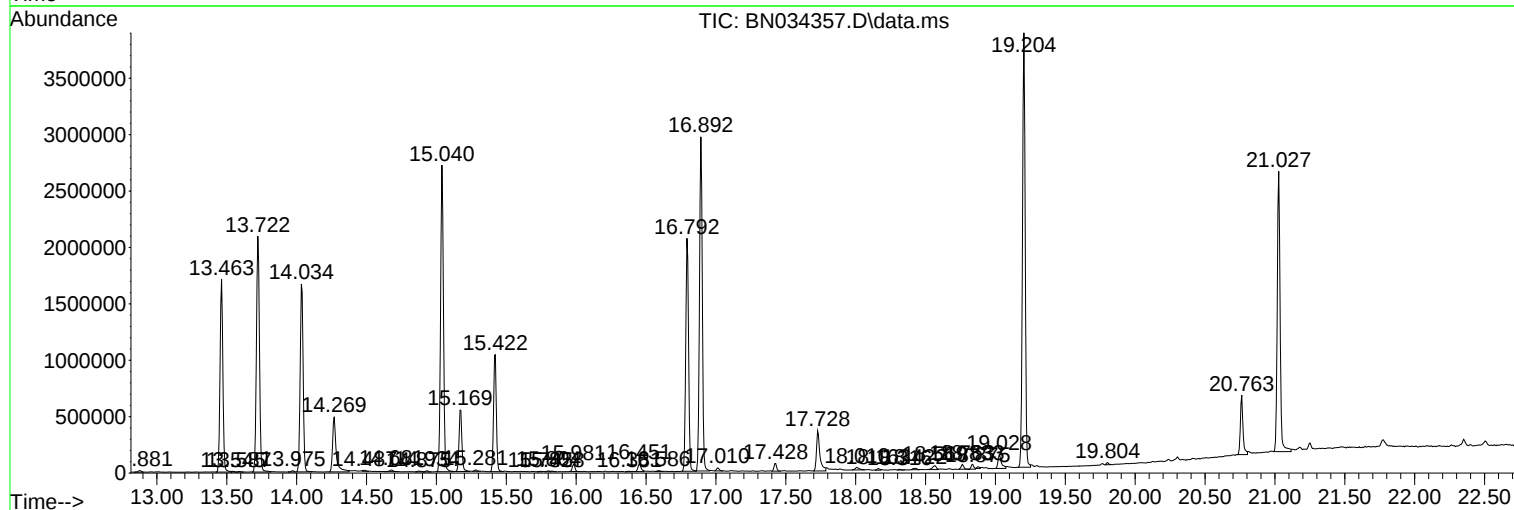
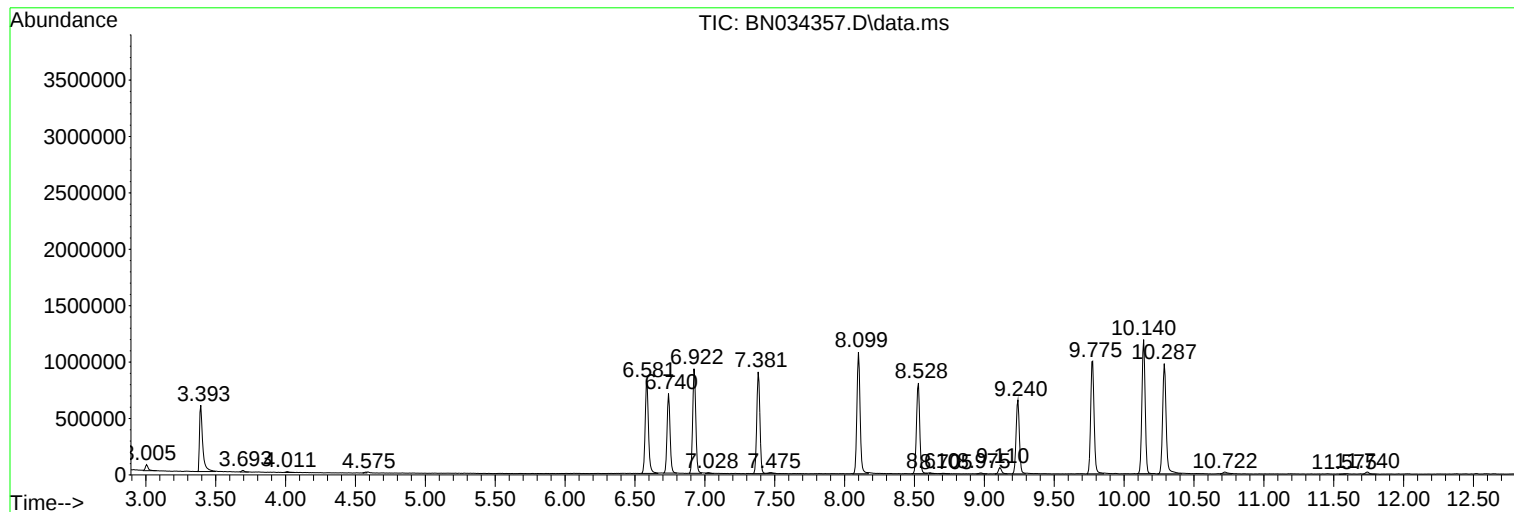
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100224\  
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Sample : P4017-16  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDC98

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\BN100224\  
Data File : BN034357.D  
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DDC98

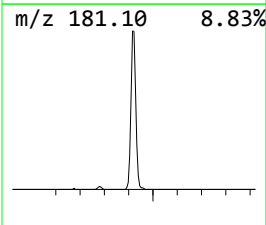
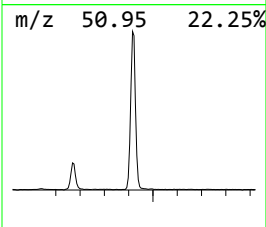
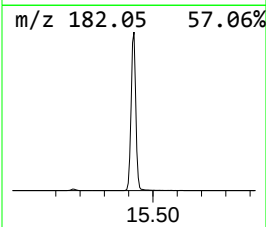
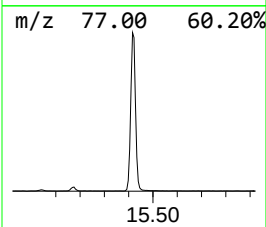
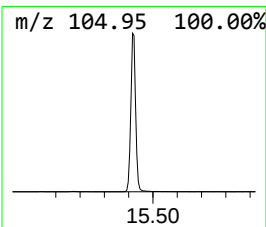
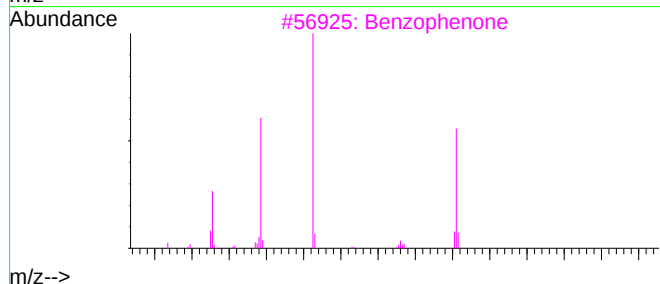
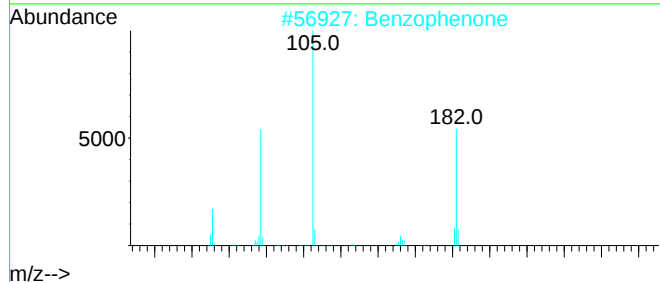
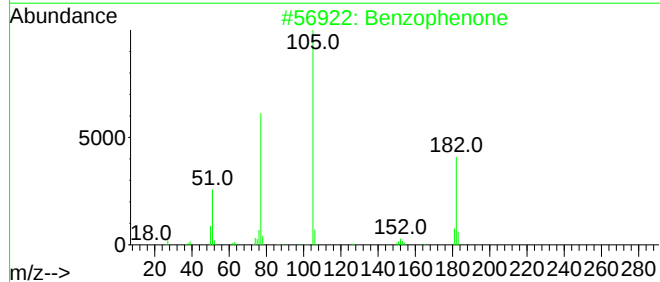
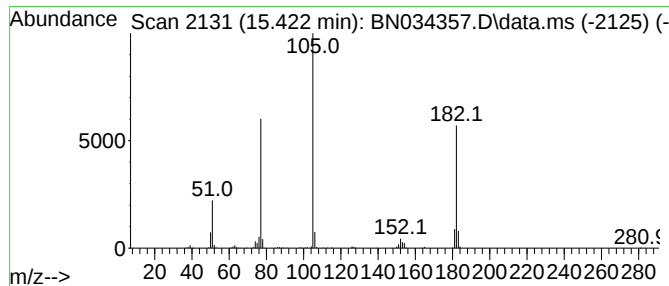
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|---------|------------------|--------|
| 15.422 | 9.94 ng/ul | 1432660 | 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 | 96   |
| 4         | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 5         | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



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Instrument :  
BNA\_N  
ClientSampleId :  
DDC98

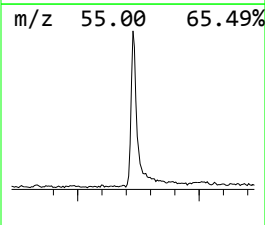
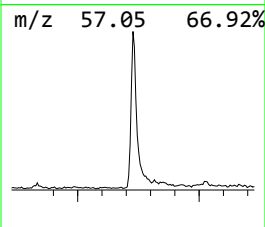
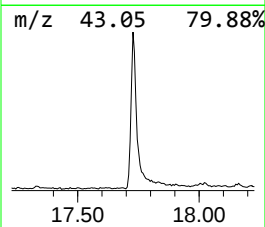
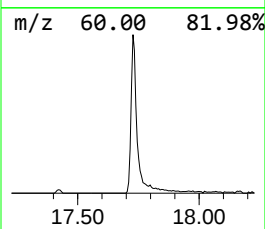
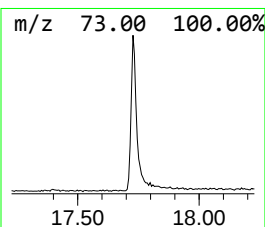
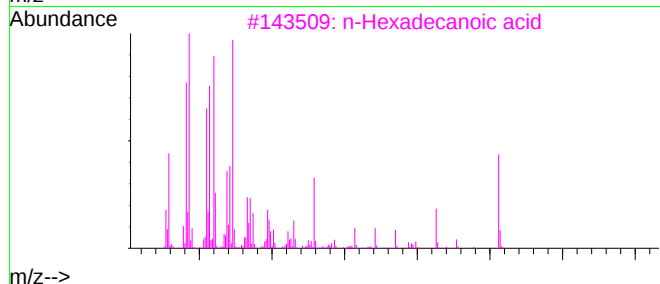
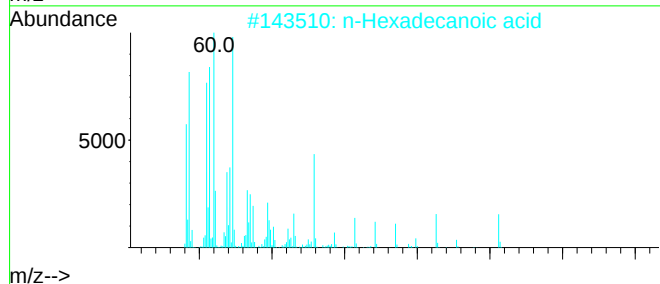
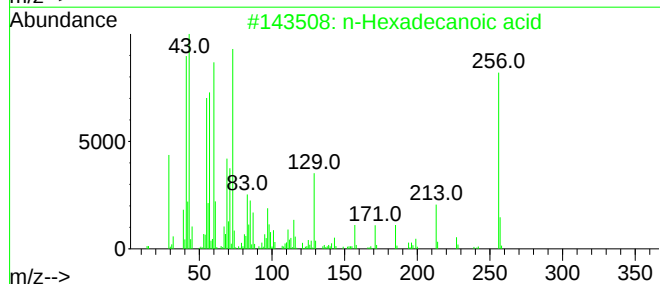
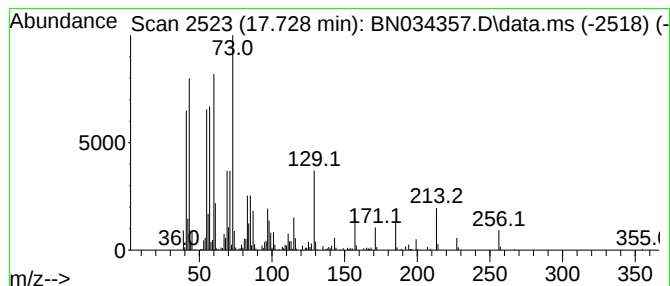
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 17.728    | 4.14 ng/ul          | 597292 | 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 | 98   |
| 5         | Tetradecanoic acid  |        | 228              | C14H28O2 | 000544-63-8 | 91   |



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Quant Title : SVOA CALIBRATION

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

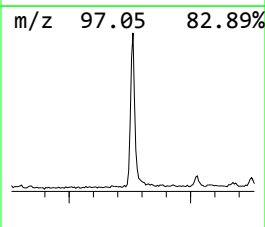
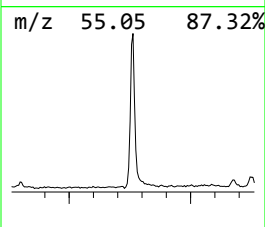
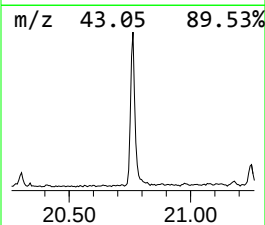
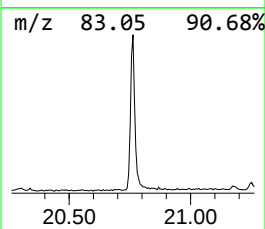
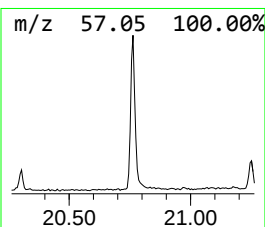
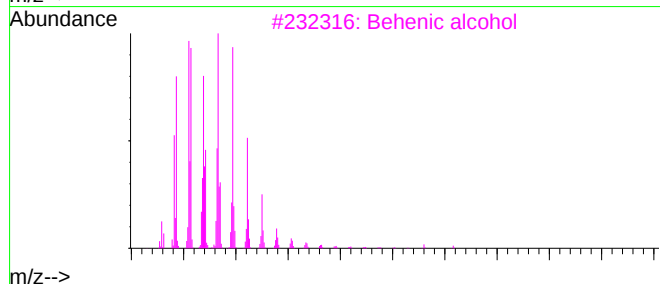
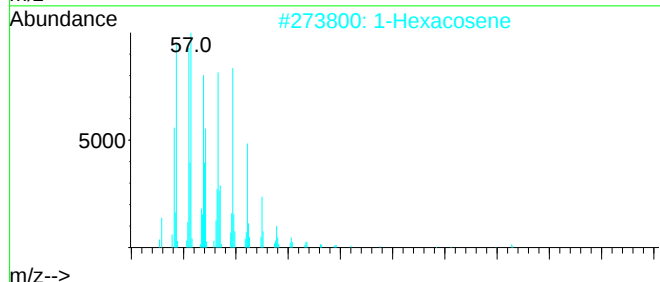
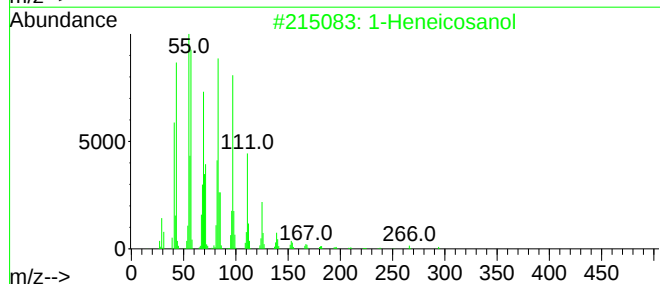
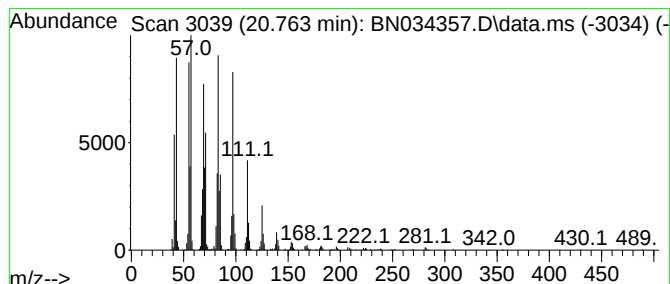
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Peak Number 3 1-Heneicosanol Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.763 | 3.88 ng/ul | 682568 | Chrysene-d12     | 21.027 |

| Hit# of 5 | Tentative ID                | MW  | MolForm    | CAS#        | Qual |
|-----------|-----------------------------|-----|------------|-------------|------|
| 1         | 1-Heneicosanol              | 312 | C21H44O    | 015594-90-8 | 95   |
| 2         | 1-Hexacosene                | 364 | C26H52     | 018835-33-1 | 95   |
| 3         | Behenic alcohol             | 326 | C22H46O    | 000661-19-8 | 94   |
| 4         | n-Tetracosanol-1            | 354 | C24H50O    | 000506-51-4 | 94   |
| 5         | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94   |



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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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.422 | 9.9     | ng/ul | 1432660  | 4                     | 16.792 | 2883610 | 20.0 |
| n-Hexadecanoic ... | 17.728 | 4.1     | ng/ul | 597292   | 4                     | 16.792 | 2883610 | 20.0 |
| 1-Heneicosanol     | 20.763 | 3.9     | ng/ul | 682568   | 5                     | 21.027 | 3518150 | 20.0 |