

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100124\  
 Data File : BN034304.D  
 Acq On : 01 Oct 2024 15:53  
 Operator : RC/JU  
 Sample : P4019-19  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DDCF3

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: BN034304.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          | 29           | rVB      | 39639          | 49649         | 1.42%           | 0.122%        |
| 2         | 3.393       | 82            | 86          | 101          | rBV      | 313115         | 463842        | 13.24%          | 1.139%        |
| 3         | 3.693       | 133           | 137         | 141          | rVB      | 13977          | 18220         | 0.52%           | 0.045%        |
| 4         | 4.581       | 283           | 288         | 289          | rBV3     | 4190           | 6127          | 0.17%           | 0.015%        |
| 5         | 6.587       | 623           | 629         | 646          | rBV      | 520971         | 844571        | 24.10%          | 2.074%        |
| 6         | 6.746       | 650           | 656         | 668          | rVB      | 426279         | 676068        | 19.29%          | 1.660%        |
| 7         | 6.928       | 680           | 687         | 699          | rBV      | 581213         | 899453        | 25.67%          | 2.209%        |
| 8         | 7.387       | 759           | 765         | 774          | rBV      | 890722         | 1371450       | 39.13%          | 3.368%        |
| 9         | 7.481       | 777           | 781         | 787          | rVB4     | 8368           | 15779         | 0.45%           | 0.039%        |
| 10        | 8.104       | 878           | 887         | 898          | rBV      | 629791         | 1056112       | 30.14%          | 2.593%        |
| 11        | 8.528       | 952           | 959         | 968          | rBV      | 491316         | 793171        | 22.63%          | 1.948%        |
| 12        | 8.716       | 987           | 991         | 994          | rVB5     | 3309           | 5326          | 0.15%           | 0.013%        |
| 13        | 8.981       | 1030          | 1036        | 1041         | rVB4     | 6693           | 11575         | 0.33%           | 0.028%        |
| 14        | 9.116       | 1054          | 1059        | 1067         | rBV      | 59984          | 95492         | 2.72%           | 0.234%        |
| 15        | 9.240       | 1073          | 1080        | 1090         | rBV      | 386180         | 638613        | 18.22%          | 1.568%        |
| 16        | 9.316       | 1091          | 1093        | 1097         | rVV5     | 5906           | 8108          | 0.23%           | 0.020%        |
| 17        | 9.669       | 1148          | 1153        | 1158         | rBV6     | 5175           | 8412          | 0.24%           | 0.021%        |
| 18        | 9.775       | 1163          | 1171        | 1183         | rBV      | 612123         | 1052806       | 30.04%          | 2.585%        |
| 19        | 10.146      | 1225          | 1234        | 1252         | rBV      | 1178142        | 1949779       | 55.64%          | 4.788%        |
| 20        | 10.293      | 1252          | 1259        | 1279         | rBV      | 554259         | 1032473       | 29.46%          | 2.535%        |
| 21        | 10.728      | 1328          | 1333        | 1343         | rVB7     | 8988           | 23348         | 0.67%           | 0.057%        |
| 22        | 11.745      | 1500          | 1506        | 1513         | rVB3     | 10807          | 19209         | 0.55%           | 0.047%        |
| 23        | 12.528      | 1634          | 1639        | 1640         | rBV5     | 3567           | 4169          | 0.12%           | 0.010%        |
| 24        | 12.887      | 1694          | 1700        | 1708         | rVB5     | 8580           | 15496         | 0.44%           | 0.038%        |
| 25        | 13.463      | 1792          | 1798        | 1809         | rBV      | 1037081        | 1488843       | 42.48%          | 3.656%        |
| 26        | 13.592      | 1817          | 1820        | 1823         | rVB4     | 2935           | 3607          | 0.10%           | 0.009%        |
| 27        | 13.728      | 1836          | 1843        | 1852         | rBV2     | 1275648        | 1930936       | 55.10%          | 4.742%        |
| 28        | 13.975      | 1881          | 1885        | 1889         | rVB6     | 5500           | 8030          | 0.23%           | 0.020%        |
| 29        | 14.039      | 1889          | 1896        | 1906         | rBV      | 1728650        | 2493222       | 71.15%          | 6.123%        |
| 30        | 14.269      | 1929          | 1935        | 1954         | rBV2     | 192704         | 439961        | 12.55%          | 1.080%        |
| 31        | 14.875      | 2034          | 2038        | 2041         | rBV6     | 4435           | 8142          | 0.23%           | 0.020%        |
| 32        | 14.934      | 2045          | 2048        | 2052         | rBV5     | 3345           | 4355          | 0.12%           | 0.011%        |
| 33        | 15.045      | 2060          | 2067        | 2082         | rBV      | 1621642        | 2352520       | 67.13%          | 5.777%        |
| 34        | 15.175      | 2083          | 2089        | 2102         | rVV      | 292290         | 414056        | 11.82%          | 1.017%        |
| 35        | 15.281      | 2102          | 2107        | 2116         | rVB8     | 6514           | 15432         | 0.44%           | 0.038%        |
| 36        | 15.422      | 2124          | 2131        | 2139         | rBV      | 480247         | 648828        | 18.51%          | 1.593%        |

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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 DDCF3

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 | 15.828 | 2197 | 2200 | 2204 | rVB6 | 6059    | 8381    | 0.24%   | 0.021% |
| 38 | 15.963 | 2220 | 2223 | 2226 | rBV4 | 2750    | 4724    | 0.13%   | 0.012% |
| 39 | 16.457 | 2302 | 2307 | 2312 | rBV5 | 14492   | 26511   | 0.76%   | 0.065% |
| 40 | 16.586 | 2325 | 2329 | 2334 | rVV5 | 4685    | 9386    | 0.27%   | 0.023% |
| 41 | 16.798 | 2358 | 2365 | 2375 | rBV  | 2031501 | 2810151 | 80.19%  | 6.901% |
| 42 | 16.892 | 2375 | 2381 | 2394 | rVV2 | 1710656 | 2434172 | 69.46%  | 5.978% |
| 43 | 17.016 | 2398 | 2402 | 2408 | rVB5 | 22777   | 34188   | 0.98%   | 0.084% |
| 44 | 17.116 | 2415 | 2419 | 2422 | rVB6 | 3583    | 4757    | 0.14%   | 0.012% |
| 45 | 17.369 | 2460 | 2462 | 2465 | rBV4 | 4174    | 4319    | 0.12%   | 0.011% |
| 46 | 17.428 | 2468 | 2472 | 2477 | rVV4 | 19792   | 28185   | 0.80%   | 0.069% |
| 47 | 17.486 | 2480 | 2482 | 2489 | rVB7 | 5364    | 9656    | 0.28%   | 0.024% |
| 48 | 17.598 | 2499 | 2501 | 2503 | rBV3 | 3773    | 3712    | 0.11%   | 0.009% |
| 49 | 17.733 | 2518 | 2524 | 2533 | rBV  | 399907  | 670807  | 19.14%  | 1.647% |
| 50 | 18.769 | 2696 | 2700 | 2705 | rVB2 | 24684   | 34406   | 0.98%   | 0.084% |
| 51 | 18.839 | 2708 | 2712 | 2715 | rBV  | 23938   | 31208   | 0.89%   | 0.077% |
| 52 | 18.880 | 2717 | 2719 | 2721 | rBV3 | 9875    | 9866    | 0.28%   | 0.024% |
| 53 | 19.027 | 2740 | 2744 | 2753 | rBV2 | 78964   | 155501  | 4.44%   | 0.382% |
| 54 | 19.204 | 2768 | 2774 | 2782 | rBV  | 2095949 | 2838145 | 80.99%  | 6.970% |
| 55 | 19.263 | 2782 | 2784 | 2787 | rVV  | 28360   | 30025   | 0.86%   | 0.074% |
| 56 | 19.304 | 2788 | 2791 | 2796 | rVB4 | 26528   | 29526   | 0.84%   | 0.073% |
| 57 | 19.804 | 2873 | 2876 | 2879 | rBV2 | 43319   | 42833   | 1.22%   | 0.105% |
| 58 | 20.180 | 2936 | 2940 | 2945 | rVB  | 147823  | 183627  | 5.24%   | 0.451% |
| 59 | 20.304 | 2958 | 2961 | 2965 | rVB2 | 54623   | 62847   | 1.79%   | 0.154% |
| 60 | 20.763 | 3035 | 3039 | 3046 | rBV  | 391124  | 554018  | 15.81%  | 1.360% |
| 61 | 20.974 | 3073 | 3075 | 3079 | rVB2 | 47308   | 50144   | 1.43%   | 0.123% |
| 62 | 21.033 | 3079 | 3085 | 3094 | rBV  | 2195571 | 3154610 | 90.02%  | 7.747% |
| 63 | 21.251 | 3120 | 3122 | 3128 | rVB2 | 79196   | 87545   | 2.50%   | 0.215% |
| 64 | 23.557 | 3506 | 3514 | 3525 | rBV  | 1352590 | 3037368 | 86.67%  | 7.459% |
| 65 | 23.739 | 3537 | 3545 | 3553 | rBV2 | 1533029 | 3504416 | 100.00% | 8.606% |

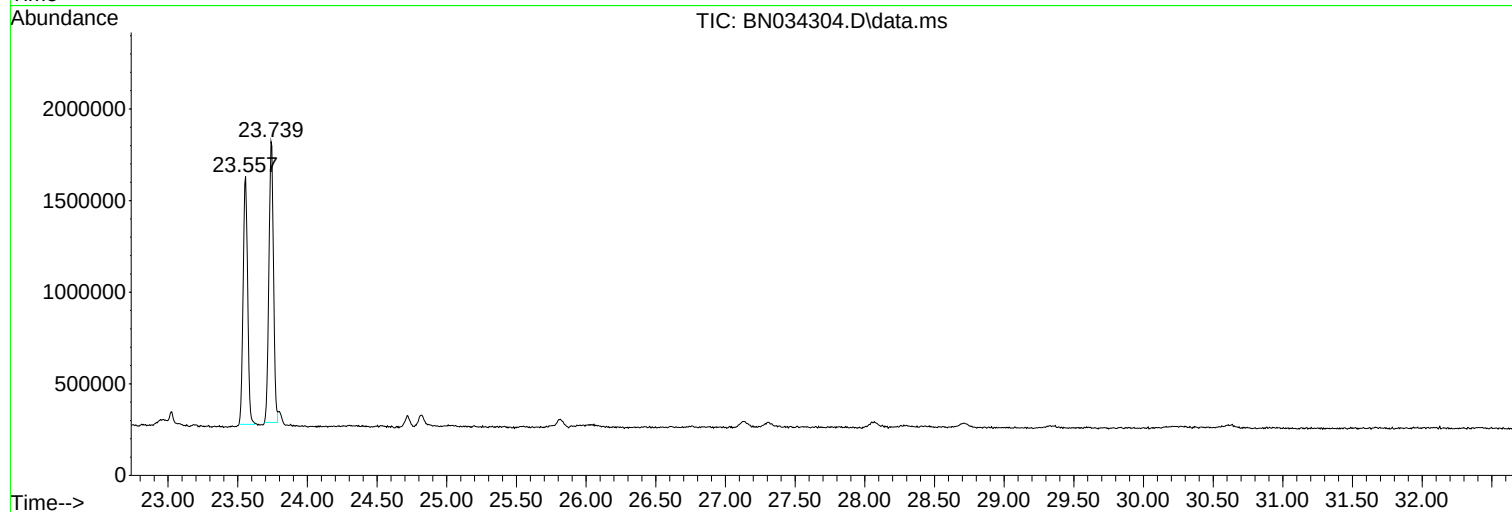
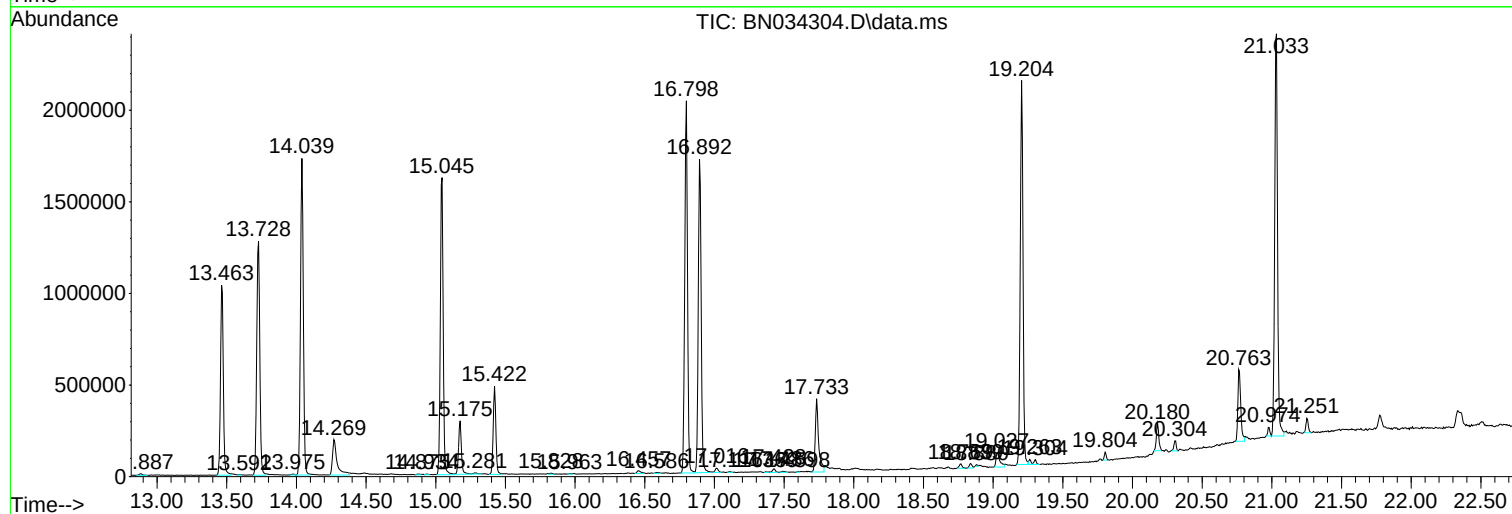
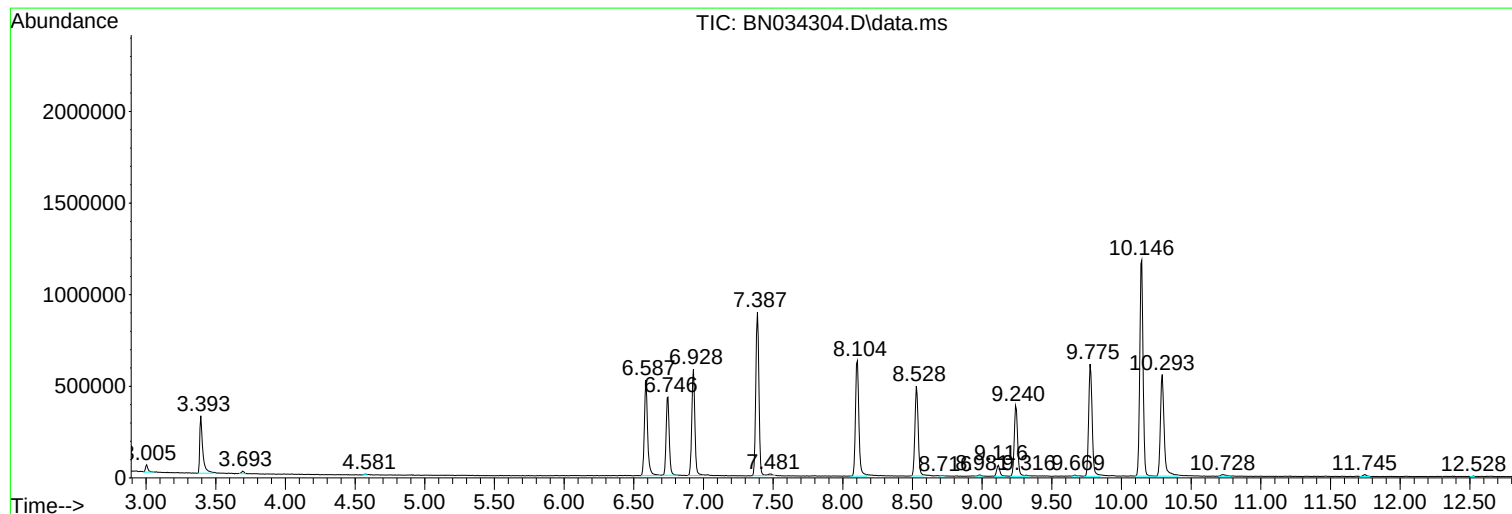
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCF3

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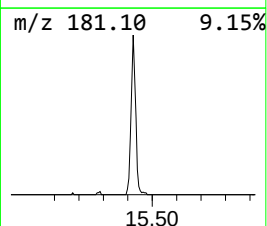
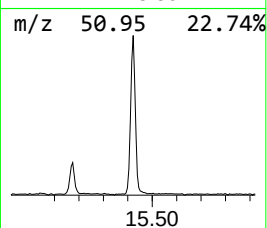
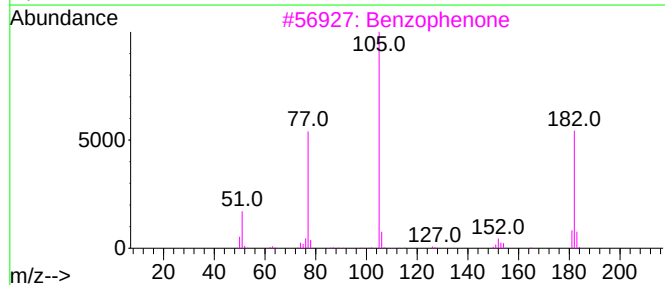
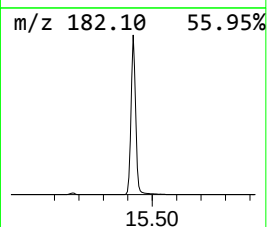
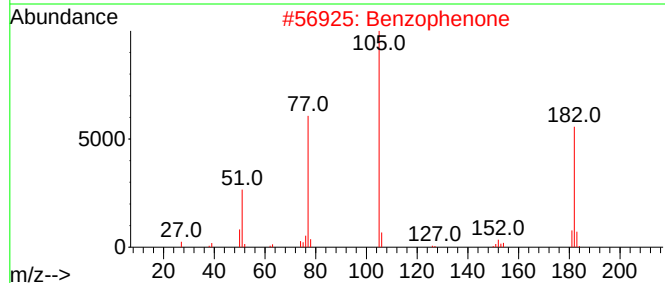
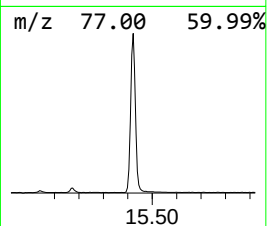
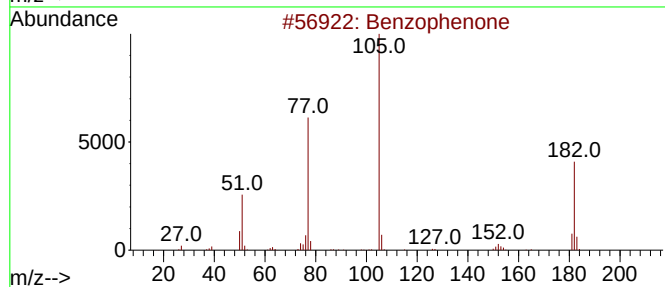
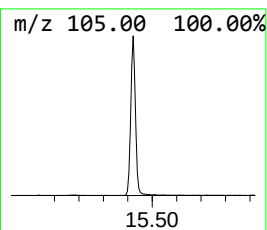
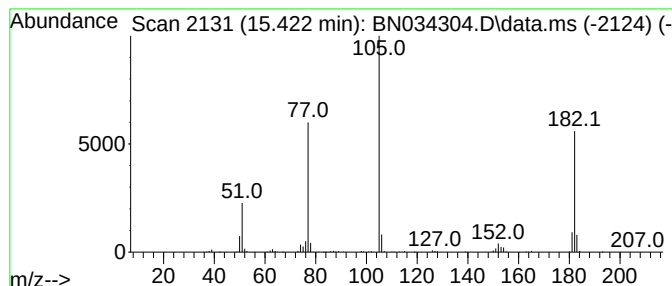
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.422 | 4.62 ng/ul | 648828 | Phenanthrene-d10 | 16.798 |

| 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 | 93   |
| 5    |    |   | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 59   |



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Sample : P4019-19  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DDCF3

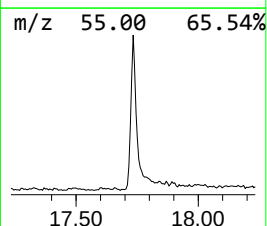
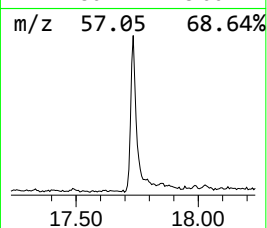
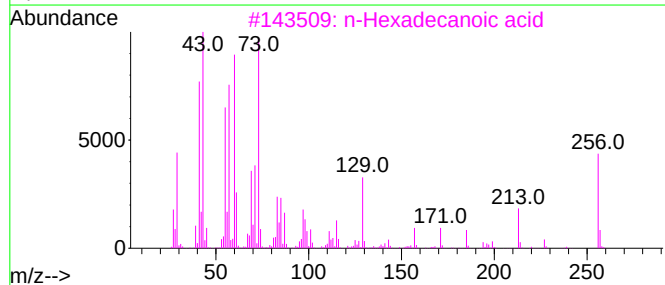
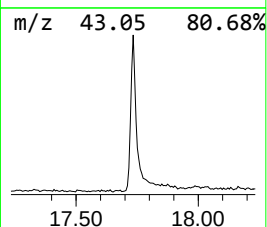
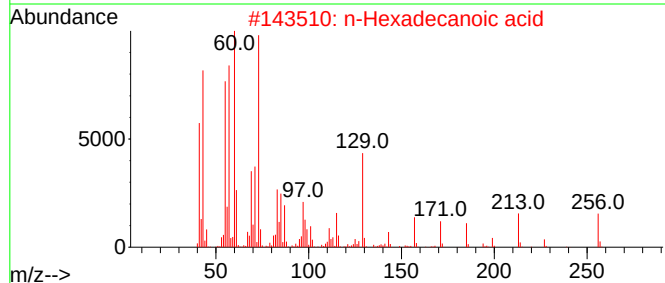
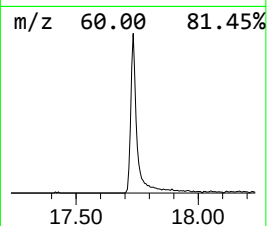
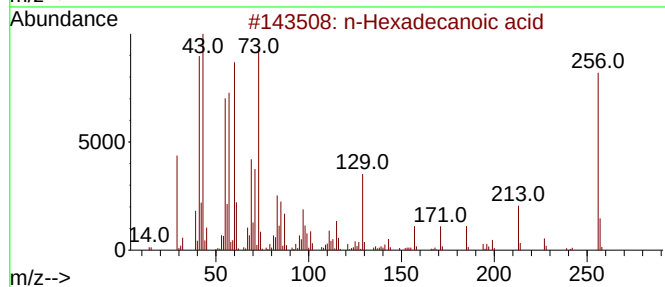
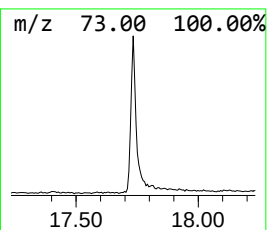
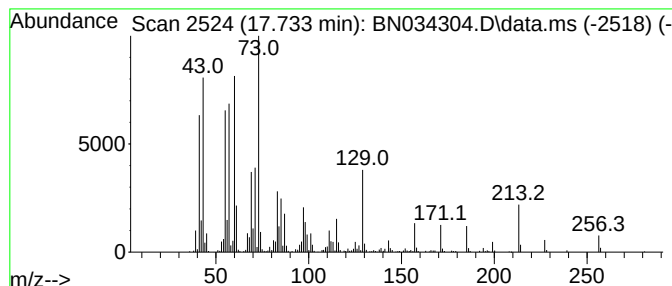
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.733 | 4.77 ng/ul | 670807 | Phenanthrene-d10 | 16.798 |

| 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    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |



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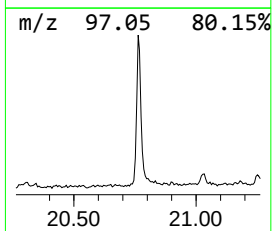
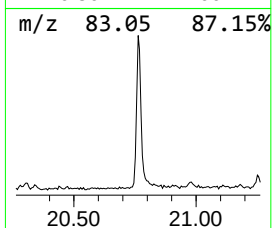
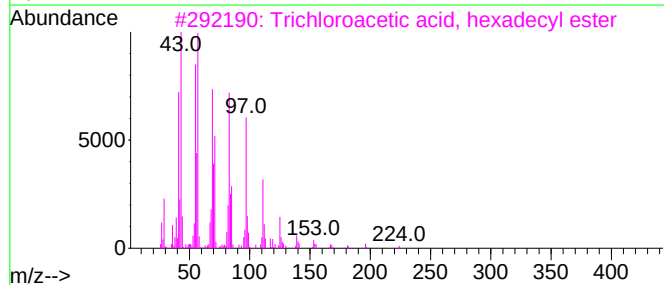
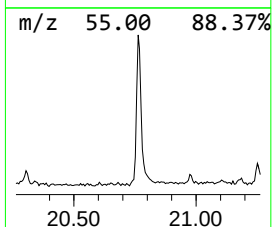
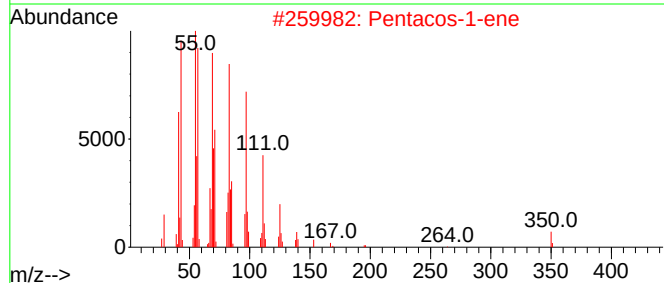
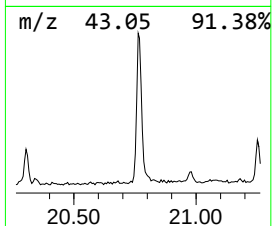
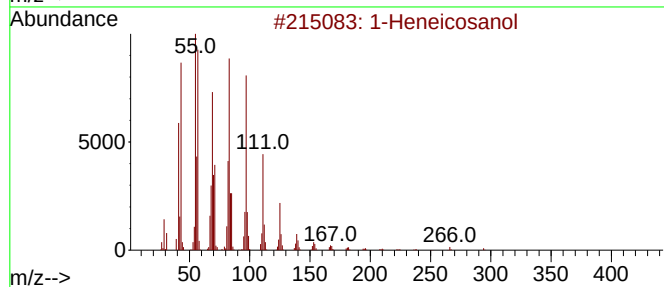
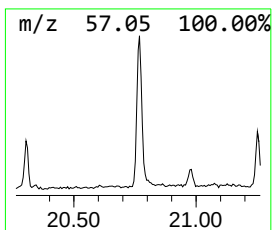
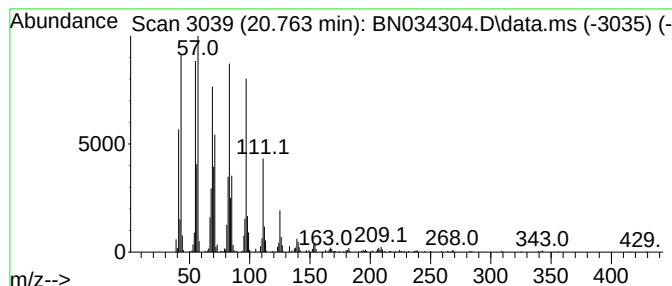
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN091124.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.763 | 3.51 ng/ul | 554018 | Chrysene-d12     | 21.033 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8 | 95   |
| 2    |    |   | Pentacos-1-ene                      | 350 | C25H50      | 016980-85-1 | 94   |
| 3    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 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 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 | 4.6     | ng/ul | 648828   | 4                     | 16.798 | 2810150 | 20.0 |
| n-Hexadecanoic ... | 17.733 | 4.8     | ng/ul | 670807   | 4                     | 16.798 | 2810150 | 20.0 |
| 1-Heneicosanol     | 20.763 | 3.5     | ng/ul | 554018   | 5                     | 21.033 | 3154610 | 20.0 |