

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111324\  
 Data File : BP023103.D  
 Acq On : 14 Nov 2024 11:41  
 Operator : RC/JU  
 Sample : P4724-20  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BH9D8

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\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP023103.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         | 3.134       | 22            | 25          | 29           | rBV      | 9135           | 11187         | 0.55%           | 0.056%        |
| 2         | 3.552       | 92            | 96          | 108          | rBV      | 89256          | 159980        | 7.81%           | 0.806%        |
| 3         | 3.858       | 144           | 148         | 152          | rBV3     | 4317           | 5767          | 0.28%           | 0.029%        |
| 4         | 4.081       | 183           | 186         | 191          | rBV7     | 2418           | 3626          | 0.18%           | 0.018%        |
| 5         | 6.781       | 639           | 645         | 664          | rBV      | 137326         | 290675        | 14.19%          | 1.465%        |
| 6         | 6.934       | 664           | 671         | 683          | rVB      | 124039         | 208986        | 10.20%          | 1.053%        |
| 7         | 7.122       | 697           | 703         | 715          | rBV      | 162117         | 282712        | 13.80%          | 1.424%        |
| 8         | 7.581       | 772           | 781         | 791          | rBV      | 282935         | 476260        | 23.25%          | 2.400%        |
| 9         | 8.299       | 896           | 903         | 923          | rBV      | 177508         | 368859        | 18.01%          | 1.858%        |
| 10        | 8.728       | 970           | 976         | 988          | rBV      | 168938         | 300257        | 14.66%          | 1.513%        |
| 11        | 8.881       | 1000          | 1002        | 1010         | rVB9     | 1795           | 3841          | 0.19%           | 0.019%        |
| 12        | 9.110       | 1037          | 1041        | 1049         | rVB8     | 2523           | 4985          | 0.24%           | 0.025%        |
| 13        | 9.293       | 1067          | 1072        | 1078         | rBV6     | 4478           | 10119         | 0.49%           | 0.051%        |
| 14        | 9.440       | 1090          | 1097        | 1113         | rBV      | 148221         | 270736        | 13.22%          | 1.364%        |
| 15        | 9.546       | 1113          | 1115        | 1122         | rVB8     | 1806           | 2889          | 0.14%           | 0.015%        |
| 16        | 9.975       | 1181          | 1188        | 1208         | rBV      | 193394         | 430666        | 21.02%          | 2.170%        |
| 17        | 10.175      | 1217          | 1222        | 1225         | rBV7     | 1776           | 3322          | 0.16%           | 0.017%        |
| 18        | 10.328      | 1240          | 1248        | 1258         | rBV      | 388045         | 654532        | 31.95%          | 3.298%        |
| 19        | 10.487      | 1267          | 1275        | 1299         | rBV      | 164014         | 379677        | 18.53%          | 1.913%        |
| 20        | 10.904      | 1341          | 1346        | 1347         | rBV5     | 1700           | 2177          | 0.11%           | 0.011%        |
| 21        | 10.916      | 1347          | 1348        | 1355         | rVB7     | 2085           | 3222          | 0.16%           | 0.016%        |
| 22        | 11.928      | 1515          | 1520        | 1526         | rBV6     | 3107           | 6238          | 0.30%           | 0.031%        |
| 23        | 12.528      | 1616          | 1622        | 1624         | rBV7     | 1468           | 2217          | 0.11%           | 0.011%        |
| 24        | 13.004      | 1698          | 1703        | 1706         | rBV6     | 1921           | 2922          | 0.14%           | 0.015%        |
| 25        | 13.410      | 1767          | 1772        | 1776         | rBV7     | 2211           | 3154          | 0.15%           | 0.016%        |
| 26        | 13.616      | 1801          | 1807        | 1821         | rBV      | 569226         | 772087        | 37.69%          | 3.890%        |
| 27        | 13.898      | 1847          | 1855        | 1867         | rBV      | 502452         | 830575        | 40.54%          | 4.185%        |
| 28        | 14.093      | 1881          | 1888        | 1896         | rVB      | 2768           | 6397          | 0.31%           | 0.032%        |
| 29        | 14.198      | 1896          | 1906        | 1919         | rBV      | 571387         | 1015066       | 49.55%          | 5.114%        |
| 30        | 14.475      | 1947          | 1953        | 1956         | rBV      | 74883          | 141615        | 6.91%           | 0.714%        |
| 31        | 14.604      | 1973          | 1975        | 1982         | rVB8     | 3282           | 4882          | 0.24%           | 0.025%        |
| 32        | 15.016      | 2039          | 2045        | 2046         | rBV6     | 1637           | 2428          | 0.12%           | 0.012%        |
| 33        | 15.063      | 2049          | 2053        | 2058         | rBV7     | 2462           | 4690          | 0.23%           | 0.024%        |
| 34        | 15.204      | 2070          | 2077        | 2088         | rBV      | 780582         | 1165243       | 56.88%          | 5.871%        |
| 35        | 15.369      | 2098          | 2105        | 2117         | rBV      | 161798         | 299344        | 14.61%          | 1.508%        |
| 36        | 15.457      | 2119          | 2120        | 2125         | rVB5     | 4843           | 5176          | 0.25%           | 0.026%        |

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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\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 37 | 15.587 | 2137 | 2142 | 2153 | rVB   | 131875  | 206020  | 10.06%  | 1.038%  |
| 38 | 15.969 | 2205 | 2207 | 2211 | rVV5  | 2254    | 3020    | 0.15%   | 0.015%  |
| 39 | 16.016 | 2211 | 2215 | 2220 | rVB8  | 1509    | 2455    | 0.12%   | 0.012%  |
| 40 | 16.122 | 2228 | 2233 | 2236 | rBV4  | 4069    | 7048    | 0.34%   | 0.036%  |
| 41 | 16.163 | 2236 | 2240 | 2248 | rVB3  | 6892    | 12698   | 0.62%   | 0.064%  |
| 42 | 16.416 | 2277 | 2283 | 2290 | rBV3  | 4582    | 7680    | 0.37%   | 0.039%  |
| 43 | 16.875 | 2358 | 2361 | 2364 | rBV5  | 2067    | 2657    | 0.13%   | 0.013%  |
| 44 | 16.916 | 2364 | 2368 | 2373 | rVB6  | 5851    | 9876    | 0.48%   | 0.050%  |
| 45 | 17.004 | 2375 | 2383 | 2389 | rBV   | 900890  | 1421689 | 69.40%  | 7.163%  |
| 46 | 17.110 | 2394 | 2401 | 2412 | rVV   | 774620  | 1291479 | 63.04%  | 6.507%  |
| 47 | 17.233 | 2418 | 2422 | 2429 | rVB9  | 10283   | 18448   | 0.90%   | 0.093%  |
| 48 | 17.298 | 2429 | 2433 | 2441 | rVB8  | 8241    | 14977   | 0.73%   | 0.075%  |
| 49 | 17.434 | 2451 | 2456 | 2457 | rBV5  | 3733    | 5039    | 0.25%   | 0.025%  |
| 50 | 17.486 | 2462 | 2465 | 2469 | rVB5  | 6568    | 10091   | 0.49%   | 0.051%  |
| 51 | 17.816 | 2515 | 2521 | 2526 | rBV9  | 8813    | 19526   | 0.95%   | 0.098%  |
| 52 | 17.881 | 2528 | 2532 | 2537 | rBV8  | 9032    | 15677   | 0.77%   | 0.079%  |
| 53 | 17.939 | 2537 | 2542 | 2556 | rBV   | 208657  | 371155  | 18.12%  | 1.870%  |
| 54 | 18.116 | 2569 | 2572 | 2576 | rVB6  | 4164    | 6886    | 0.34%   | 0.035%  |
| 55 | 18.257 | 2590 | 2596 | 2602 | rBV10 | 7882    | 18669   | 0.91%   | 0.094%  |
| 56 | 18.386 | 2614 | 2618 | 2622 | rVB5  | 11000   | 14739   | 0.72%   | 0.074%  |
| 57 | 18.816 | 2686 | 2691 | 2694 | rVB5  | 6528    | 12338   | 0.60%   | 0.062%  |
| 58 | 19.039 | 2725 | 2729 | 2733 | rBV3  | 18813   | 27859   | 1.36%   | 0.140%  |
| 59 | 19.145 | 2738 | 2747 | 2757 | rVV2  | 41950   | 108534  | 5.30%   | 0.547%  |
| 60 | 19.269 | 2764 | 2768 | 2781 | rBV3  | 55949   | 92460   | 4.51%   | 0.466%  |
| 61 | 19.492 | 2800 | 2806 | 2815 | rBV   | 1276665 | 1795130 | 87.63%  | 9.044%  |
| 62 | 21.116 | 3077 | 3082 | 3090 | rBV8  | 54911   | 142399  | 6.95%   | 0.717%  |
| 63 | 21.433 | 3130 | 3136 | 3150 | rVB   | 1262103 | 1878181 | 91.68%  | 9.463%  |
| 64 | 23.316 | 3451 | 3456 | 3464 | rVB4  | 59477   | 122484  | 5.98%   | 0.617%  |
| 65 | 24.421 | 3635 | 3644 | 3665 | rVB   | 772490  | 2048622 | 100.00% | 10.322% |
| 66 | 24.651 | 3673 | 3683 | 3693 | rBV   | 757185  | 2023412 | 98.77%  | 10.195% |

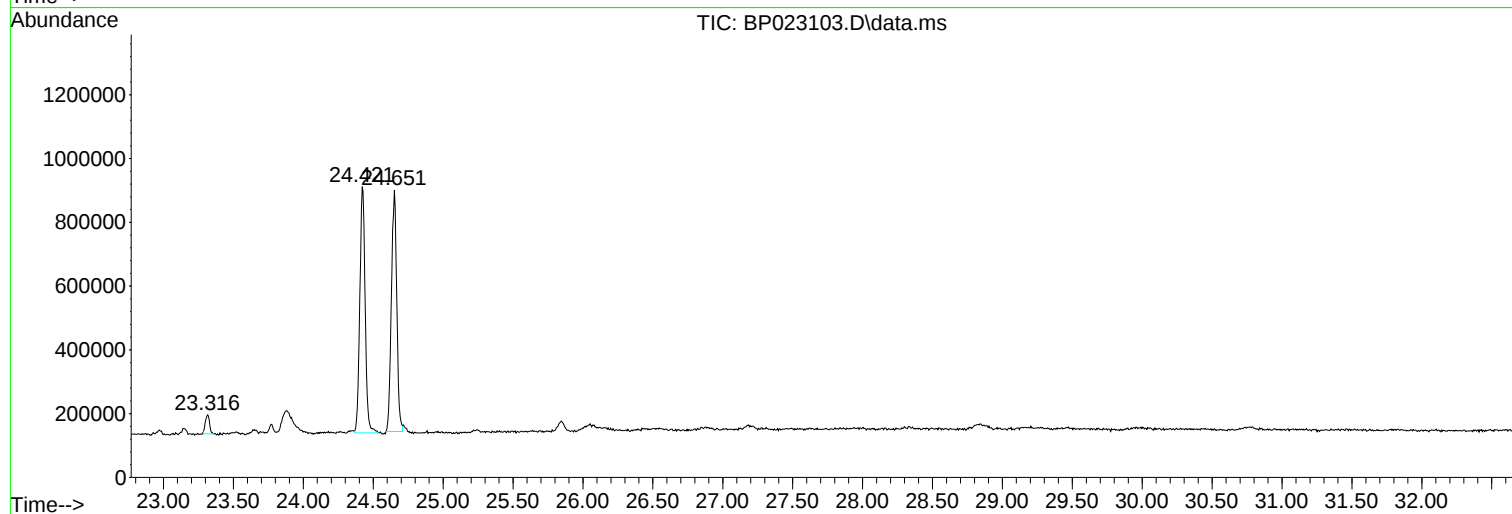
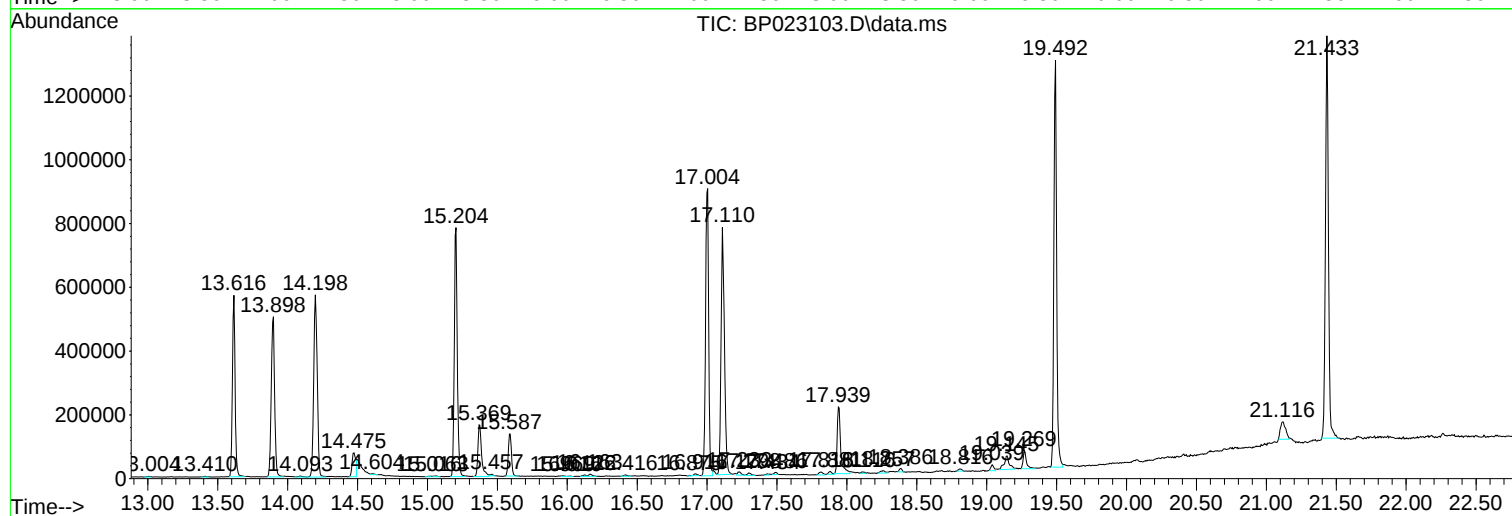
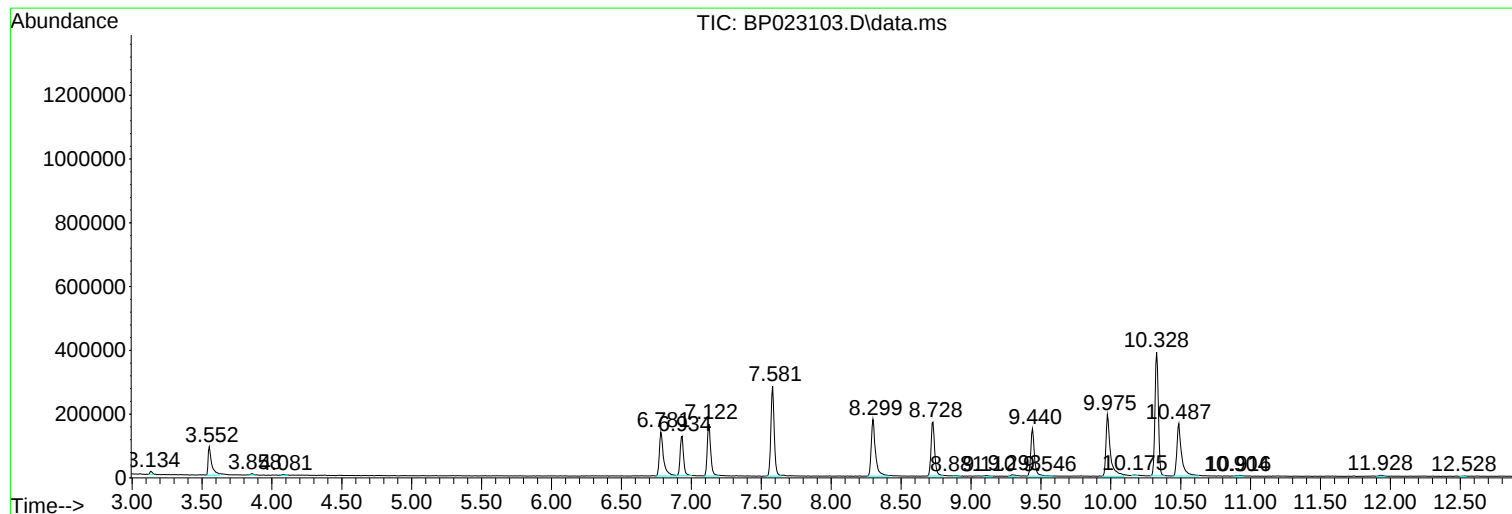
Sum of corrected areas: 19847757

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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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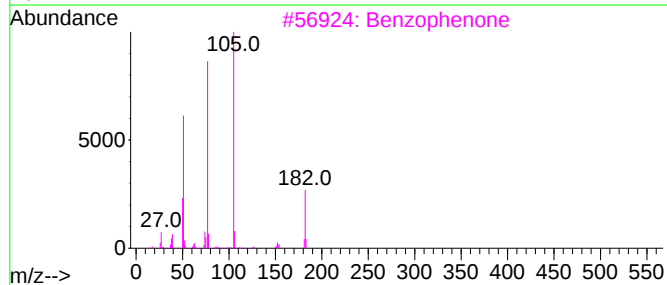
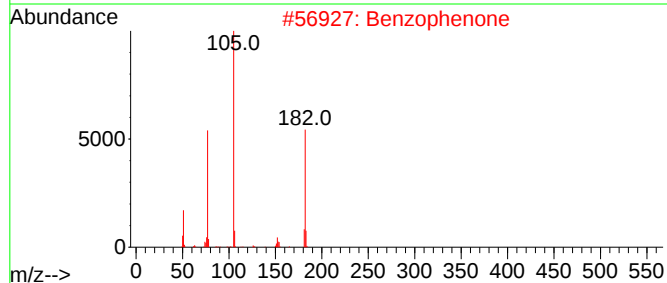
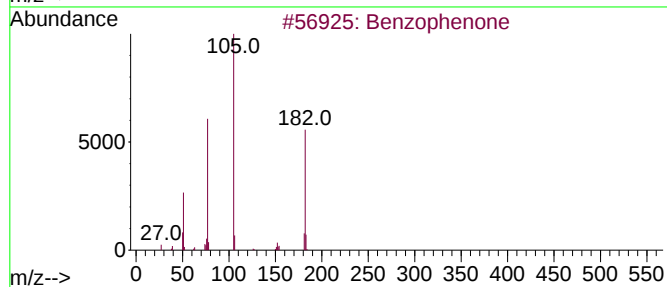
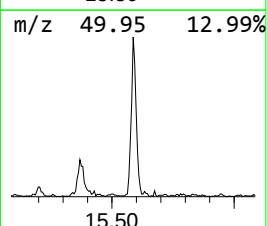
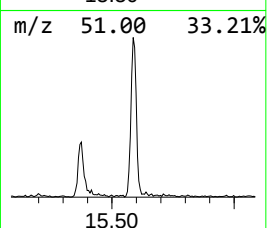
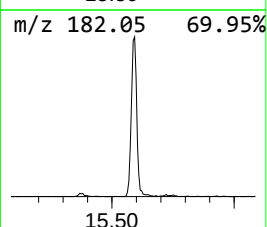
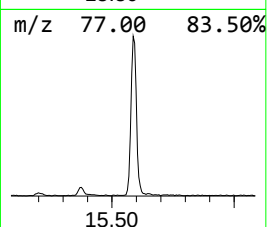
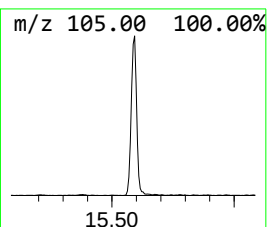
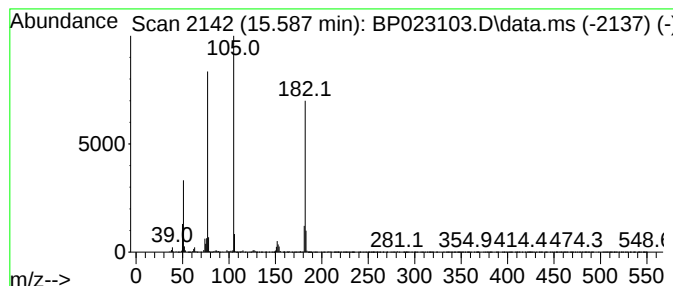
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 15.586 | 4.06 ng/ul | 206020 | Acenaphthene-d10 | 14.198 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |



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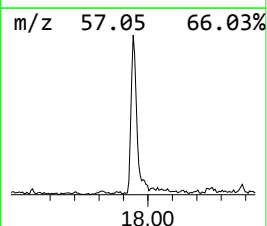
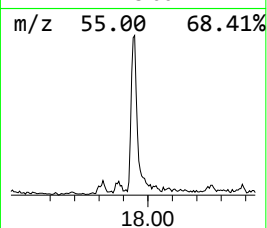
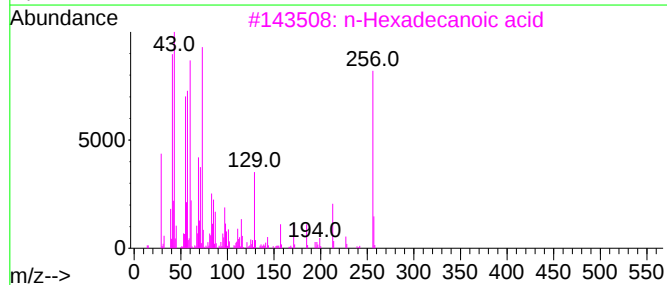
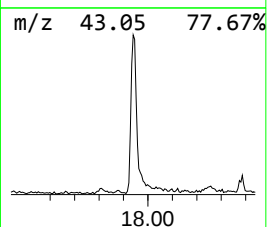
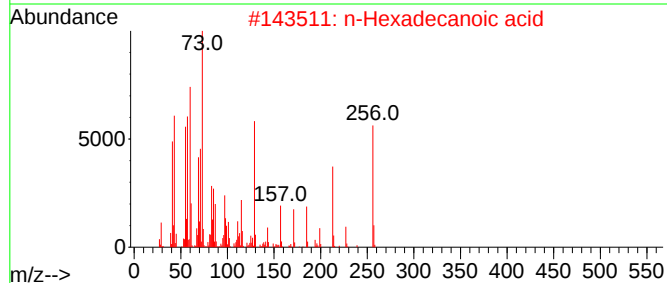
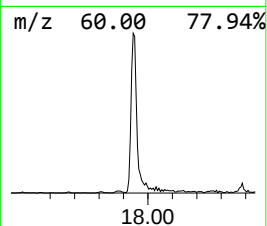
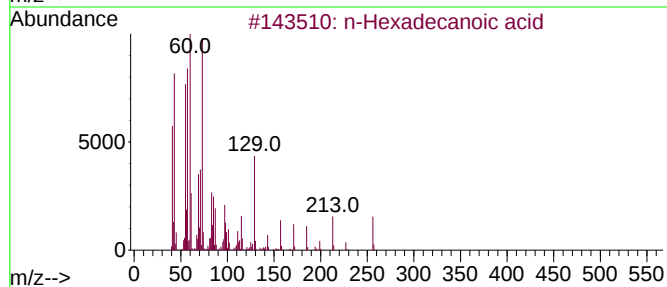
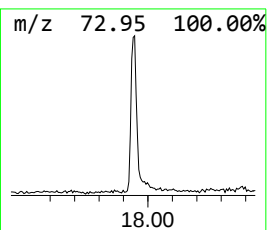
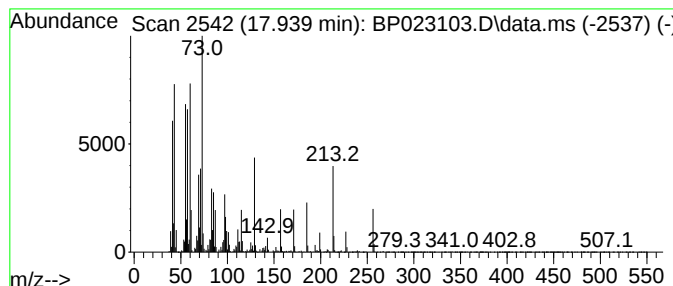
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 17.939 | 5.22 ng/ul | 371155 | Phenanthrene-d10 | 16.998 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.586 | 4.1     | ng/ul | 206020   | 3                     | 14.198 | 1015070 | 20.0 |
| n-Hexadecanoic ... | 17.939 | 5.2     | ng/ul | 371155   | 4                     | 16.998 | 1421690 | 20.0 |