

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111124\  
 Data File : BM048582.D  
 Acq On : 11 Nov 2024 13:07  
 Operator : RC/JU  
 Sample : P4637-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CC0R6

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\_M\Methods\SFAM-EPA-BM110724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM048582.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         | 3.128       | 20            | 24          | 30           | rVB      | 27265          | 36801         | 1.58%           | 0.131%        |
| 2         | 3.546       | 92            | 95          | 117          | rBV      | 178607         | 333161        | 14.30%          | 1.189%        |
| 3         | 3.857       | 146           | 148         | 153          | rVB2     | 8225           | 9763          | 0.42%           | 0.035%        |
| 4         | 5.575       | 438           | 440         | 443          | rVB3     | 3419           | 3800          | 0.16%           | 0.014%        |
| 5         | 5.604       | 443           | 445         | 448          | rBV4     | 2917           | 3848          | 0.17%           | 0.014%        |
| 6         | 5.640       | 449           | 451         | 455          | rVB5     | 3682           | 3993          | 0.17%           | 0.014%        |
| 7         | 6.693       | 626           | 630         | 631          | rBV4     | 2124           | 2743          | 0.12%           | 0.010%        |
| 8         | 6.845       | 648           | 656         | 672          | rBV      | 334168         | 628551        | 26.98%          | 2.243%        |
| 9         | 6.998       | 676           | 682         | 695          | rVB      | 294192         | 485198        | 20.83%          | 1.731%        |
| 10        | 7.198       | 708           | 716         | 728          | rBV      | 376863         | 642101        | 27.57%          | 2.291%        |
| 11        | 7.281       | 728           | 730         | 733          | rVB4     | 3269           | 3157          | 0.14%           | 0.011%        |
| 12        | 7.663       | 788           | 795         | 804          | rBV      | 489741         | 840803        | 36.10%          | 3.000%        |
| 13        | 7.757       | 809           | 811         | 814          | rVB5     | 2397           | 3021          | 0.13%           | 0.011%        |
| 14        | 7.969       | 844           | 847         | 850          | rBV4     | 1603           | 2523          | 0.11%           | 0.009%        |
| 15        | 8.381       | 910           | 917         | 927          | rBV      | 422469         | 765668        | 32.87%          | 2.732%        |
| 16        | 8.698       | 969           | 971         | 974          | rVB3     | 2454           | 2632          | 0.11%           | 0.009%        |
| 17        | 8.816       | 983           | 991         | 1010         | rVV      | 326006         | 595807        | 25.58%          | 2.126%        |
| 18        | 9.239       | 1062          | 1063        | 1067         | rVB3     | 3288           | 3129          | 0.13%           | 0.011%        |
| 19        | 9.398       | 1084          | 1090        | 1102         | rBV4     | 16868          | 36270         | 1.56%           | 0.129%        |
| 20        | 9.539       | 1107          | 1114        | 1125         | rBV      | 270840         | 470550        | 20.20%          | 1.679%        |
| 21        | 10.004      | 1190          | 1193        | 1196         | rVV4     | 1946           | 2509          | 0.11%           | 0.009%        |
| 22        | 10.081      | 1199          | 1206        | 1232         | rVV      | 375853         | 769627        | 33.04%          | 2.746%        |
| 23        | 10.445      | 1261          | 1268        | 1279         | rVB      | 699580         | 1201859       | 51.60%          | 4.288%        |
| 24        | 10.598      | 1286          | 1294        | 1315         | rBV      | 305190         | 736481        | 31.62%          | 2.628%        |
| 25        | 10.751      | 1318          | 1320        | 1322         | rVB2     | 3279           | 2493          | 0.11%           | 0.009%        |
| 26        | 11.039      | 1364          | 1369        | 1373         | rBV6     | 3803           | 7674          | 0.33%           | 0.027%        |
| 27        | 11.081      | 1373          | 1376        | 1384         | rVB8     | 4145           | 8554          | 0.37%           | 0.031%        |
| 28        | 11.228      | 1398          | 1401        | 1404         | rBV4     | 2659           | 3927          | 0.17%           | 0.014%        |
| 29        | 11.663      | 1471          | 1475        | 1479         | rVB6     | 1952           | 2939          | 0.13%           | 0.010%        |
| 30        | 12.063      | 1537          | 1543        | 1545         | rBV4     | 5942           | 8849          | 0.38%           | 0.032%        |
| 31        | 12.492      | 1613          | 1616        | 1619         | rBV5     | 2299           | 2719          | 0.12%           | 0.010%        |
| 32        | 13.139      | 1723          | 1726        | 1731         | rBV6     | 2581           | 3729          | 0.16%           | 0.013%        |
| 33        | 13.722      | 1819          | 1825        | 1836         | rBV      | 682691         | 1066144       | 45.77%          | 3.804%        |
| 34        | 14.004      | 1866          | 1873        | 1887         | rBV      | 896242         | 1381753       | 59.32%          | 4.930%        |
| 35        | 14.221      | 1906          | 1910        | 1913         | rBV4     | 3032           | 4333          | 0.19%           | 0.015%        |
| 36        | 14.310      | 1918          | 1925        | 1935         | rVV      | 1061105        | 1542242       | 66.21%          | 5.503%        |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CC0R6

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\_M\Methods\SFAM-EPA-BM110724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 14.551 | 1960 | 1966 | 1986 | rBV2 | 123466  | 363714  | 15.61% | 1.298% |
| 38 | 14.733 | 1995 | 1997 | 1999 | rBV3 | 2540    | 2834    | 0.12%  | 0.010% |
| 39 | 15.116 | 2058 | 2062 | 2065 | rBV3 | 4261    | 7171    | 0.31%  | 0.026% |
| 40 | 15.163 | 2068 | 2070 | 2073 | rVV3 | 3461    | 3848    | 0.17%  | 0.014% |
| 41 | 15.210 | 2077 | 2078 | 2082 | rBV4 | 2162    | 2332    | 0.10%  | 0.008% |
| 42 | 15.304 | 2088 | 2094 | 2104 | rBV  | 1111584 | 1684754 | 72.33% | 6.011% |
| 43 | 15.439 | 2112 | 2117 | 2131 | rBV  | 214906  | 360035  | 15.46% | 1.285% |
| 44 | 15.551 | 2131 | 2136 | 2140 | rVB7 | 4883    | 7649    | 0.33%  | 0.027% |
| 45 | 15.674 | 2152 | 2157 | 2164 | rBV  | 164344  | 231875  | 9.95%  | 0.827% |
| 46 | 15.863 | 2183 | 2189 | 2196 | rVV5 | 14434   | 26269   | 1.13%  | 0.094% |
| 47 | 15.998 | 2208 | 2212 | 2215 | rVV5 | 3259    | 5744    | 0.25%  | 0.020% |
| 48 | 16.027 | 2215 | 2217 | 2221 | rVV4 | 3503    | 4632    | 0.20%  | 0.017% |
| 49 | 16.198 | 2240 | 2246 | 2247 | rBV6 | 3537    | 4252    | 0.18%  | 0.015% |
| 50 | 16.245 | 2250 | 2254 | 2256 | rBV4 | 3291    | 4697    | 0.20%  | 0.017% |
| 51 | 16.410 | 2278 | 2282 | 2285 | rBV3 | 5773    | 7502    | 0.32%  | 0.027% |
| 52 | 16.545 | 2302 | 2305 | 2311 | rBV5 | 14145   | 25638   | 1.10%  | 0.091% |
| 53 | 16.733 | 2335 | 2337 | 2341 | rVB4 | 2915    | 2835    | 0.12%  | 0.010% |
| 54 | 16.821 | 2349 | 2352 | 2353 | rBV3 | 2238    | 2637    | 0.11%  | 0.009% |
| 55 | 16.962 | 2373 | 2376 | 2383 | rVV7 | 9056    | 15938   | 0.68%  | 0.057% |
| 56 | 17.057 | 2385 | 2392 | 2403 | rBV  | 1286153 | 1808236 | 77.63% | 6.452% |
| 57 | 17.157 | 2403 | 2409 | 2420 | rVV  | 1142711 | 1755255 | 75.35% | 6.263% |
| 58 | 17.268 | 2427 | 2428 | 2432 | rVB4 | 5933    | 5908    | 0.25%  | 0.021% |
| 59 | 17.345 | 2439 | 2441 | 2444 | rBV3 | 3323    | 4236    | 0.18%  | 0.015% |
| 60 | 17.404 | 2447 | 2451 | 2453 | rBV5 | 2541    | 3407    | 0.15%  | 0.012% |
| 61 | 17.439 | 2453 | 2457 | 2458 | rBV4 | 2873    | 3391    | 0.15%  | 0.012% |
| 62 | 17.739 | 2505 | 2508 | 2510 | rVB4 | 3940    | 4733    | 0.20%  | 0.017% |
| 63 | 17.839 | 2518 | 2525 | 2530 | rBV9 | 11277   | 24775   | 1.06%  | 0.088% |
| 64 | 17.898 | 2531 | 2535 | 2540 | rBV2 | 29216   | 42285   | 1.82%  | 0.151% |
| 65 | 17.957 | 2540 | 2545 | 2555 | rBV  | 298138  | 452732  | 19.44% | 1.615% |
| 66 | 18.257 | 2592 | 2596 | 2599 | rBV5 | 10312   | 13060   | 0.56%  | 0.047% |
| 67 | 18.386 | 2614 | 2618 | 2623 | rBV6 | 15096   | 20058   | 0.86%  | 0.072% |
| 68 | 18.562 | 2646 | 2648 | 2650 | rVB3 | 4193    | 2812    | 0.12%  | 0.010% |
| 69 | 19.015 | 2722 | 2725 | 2728 | rBV4 | 19453   | 18996   | 0.82%  | 0.068% |
| 70 | 19.092 | 2734 | 2738 | 2740 | rBV4 | 27186   | 36219   | 1.55%  | 0.129% |
| 71 | 19.239 | 2759 | 2763 | 2770 | rBV3 | 67045   | 100076  | 4.30%  | 0.357% |
| 72 | 19.451 | 2793 | 2799 | 2806 | rBV  | 1529132 | 2154313 | 92.48% | 7.687% |
| 73 | 19.509 | 2806 | 2809 | 2818 | rVB4 | 41761   | 79488   | 3.41%  | 0.284% |
| 74 | 20.003 | 2890 | 2893 | 2897 | rVB  | 23549   | 27617   | 1.19%  | 0.099% |
| 75 | 20.498 | 2974 | 2977 | 2981 | rVB4 | 34371   | 36742   | 1.58%  | 0.131% |
| 76 | 20.950 | 3050 | 3054 | 3056 | rBV  | 196436  | 257160  | 11.04% | 0.918% |

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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CC0R6

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\_M\Methods\SFAM-EPA-BM110724.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 20.974 | 3056 | 3058 | 3069 | rVB3 | 165182  | 304182  | 13.06%  | 1.085% |
| 78 | 21.286 | 3105 | 3111 | 3125 | rBV  | 1269066 | 2024358 | 86.91%  | 7.223% |
| 79 | 23.997 | 3564 | 3572 | 3583 | rBV  | 870487  | 2133709 | 91.60%  | 7.613% |
| 80 | 24.191 | 3598 | 3605 | 3622 | rVB  | 912553  | 2329378 | 100.00% | 8.311% |

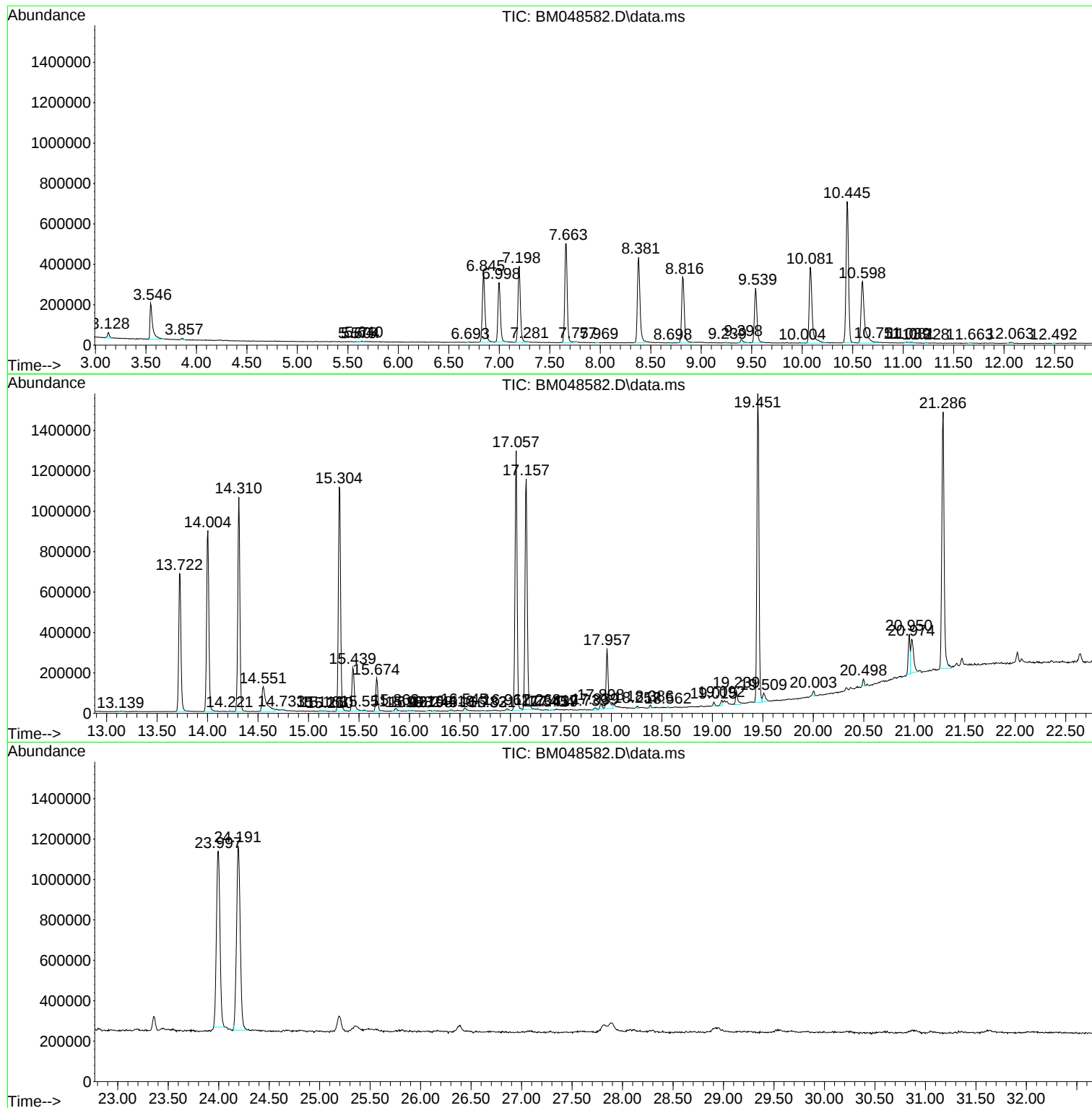
Sum of corrected areas: 28026833

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111124\  
Data File : BM048582.D  
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Instrument :  
BNA\_M  
ClientSampleId :  
CC0R6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111124\  
Data File : BM048582.D  
Acq On : 11 Nov 2024 13:07  
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Sample : P4637-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CC0R6

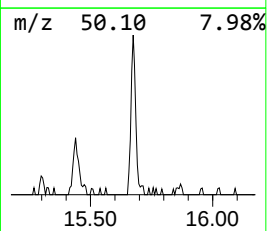
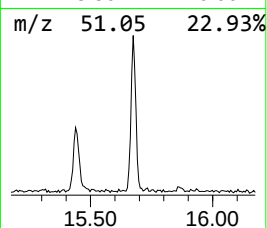
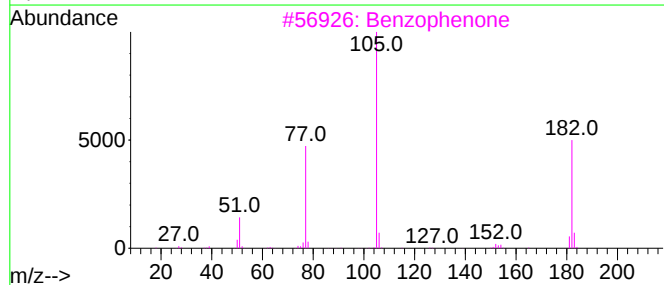
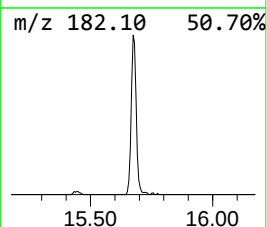
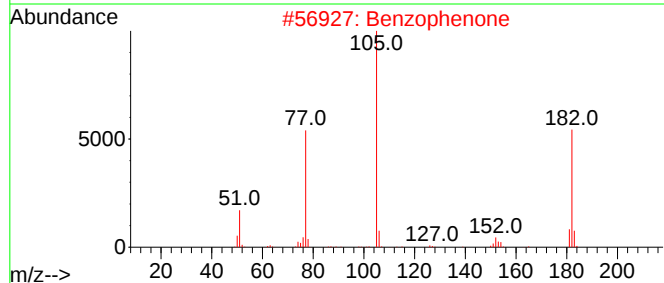
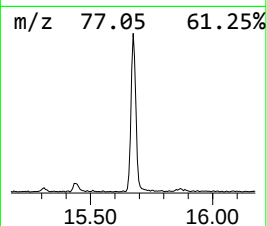
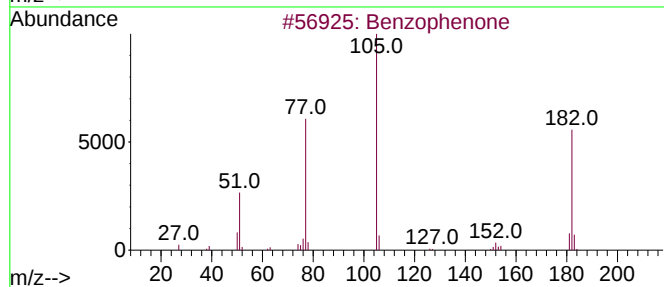
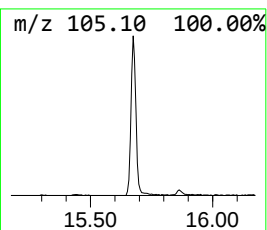
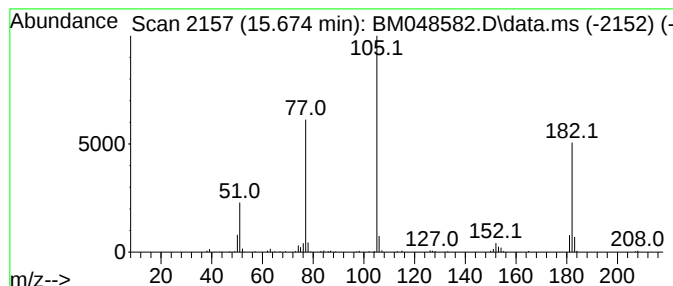
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 15.674 | 3.01 ng/ul | 231875 | Acenaphthene-d10 | 14.310 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 93   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 74   |



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Instrument :  
BNA\_M  
ClientSampleId :  
CC0R6

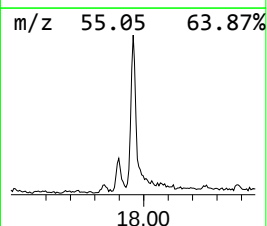
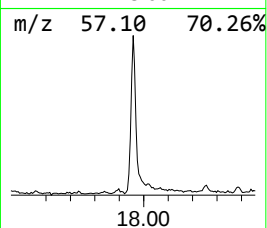
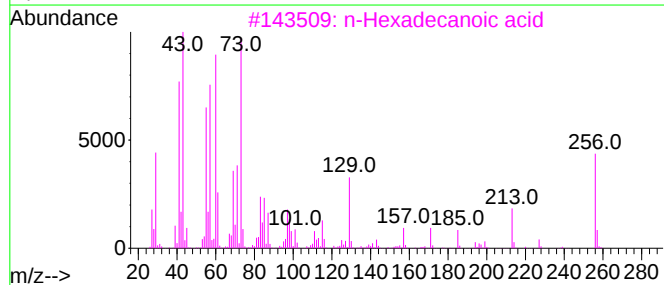
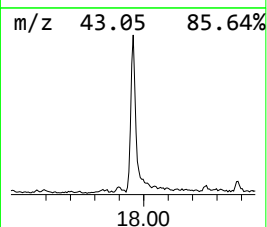
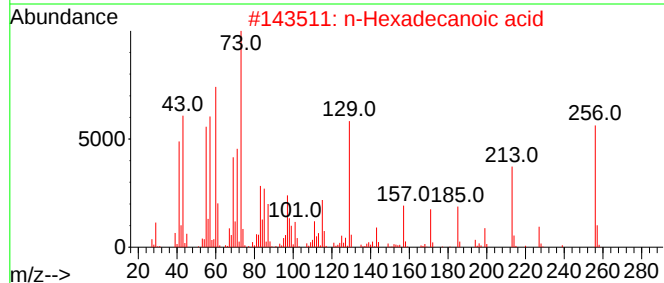
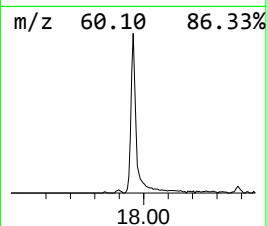
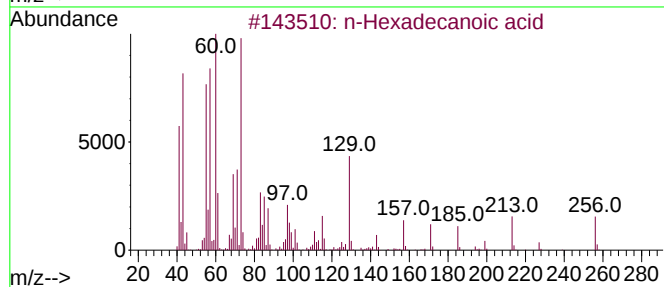
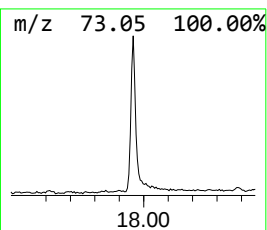
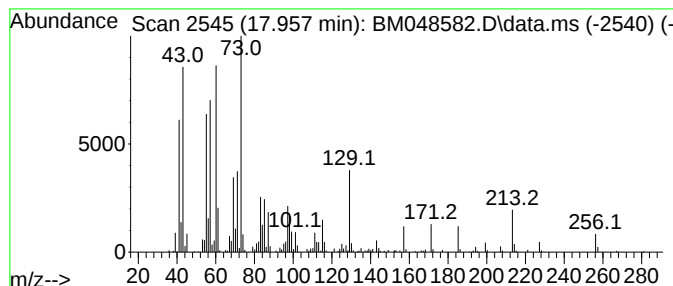
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 17.956 | 5.01 ng/ul | 452732 | Phenanthrene-d10 | 17.057 |

| 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 | 98   |
| 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 | 95   |



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BNA\_M  
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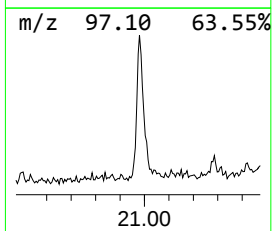
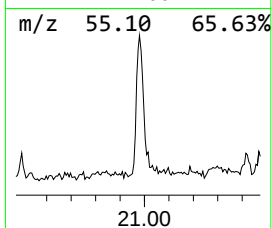
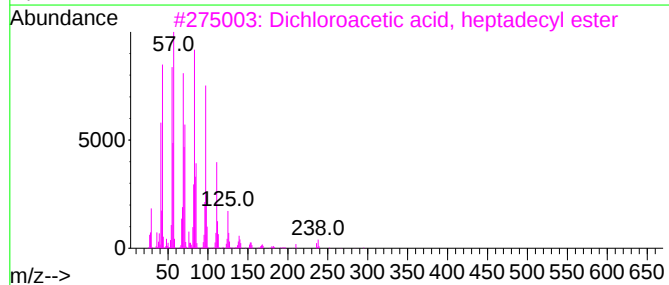
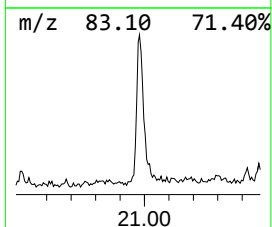
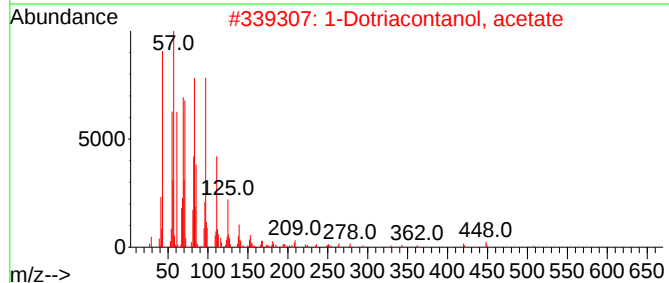
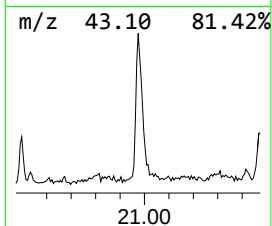
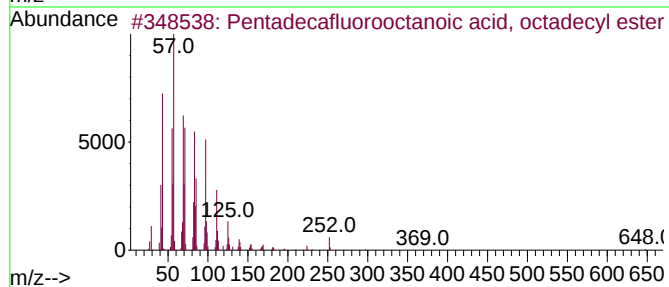
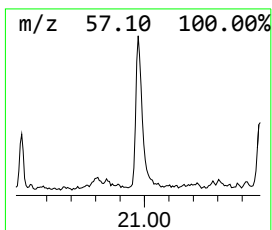
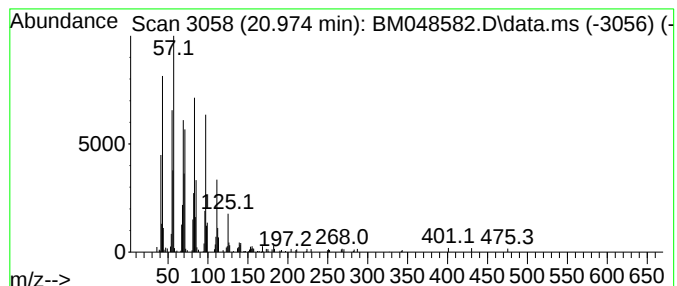
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

| R.T.      | EstConc                                       | Area   | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------------------------|--------|------------------|--------------|------|
| 20.974    | 3.01 ng/ul                                    | 304182 | Chrysene-d12     | 21.286       |      |
| Hit# of 5 | Tentative ID                                  | MW     | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, octadecyl ester | 666    | C26H37F15O2      | 1000406-04-8 | 93   |
| 2         | 1-Dotriacontanol, acetate                     | 509    | C34H68O2         | 023811-94-1  | 91   |
| 3         | Dichloroacetic acid, heptadecyl ester         | 366    | C19H36Cl2O2      | 1000282-98-2 | 91   |
| 4         | 17-Pentatriacontene                           | 491    | C35H70           | 006971-40-0  | 91   |
| 5         | Pentacosyl trifluoroacetate                   | 464    | C27H51F3O2       | 1000466-24-0 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111124\  
Data File : BM048582.D  
Acq On : 11 Nov 2024 13:07  
Operator : RC/JU  
Sample : P4637-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CC0R6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.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       | 15.674 | 3.0     | ng/ul | 231875   | 3                     | 14.310 | 1542240 | 20.0 |
| n-Hexadecanoic ... | 17.956 | 5.0     | ng/ul | 452732   | 4                     | 17.057 | 1808240 | 20.0 |
| Pentadecafluoro... | 20.974 | 3.0     | ng/ul | 304182   | 5                     | 21.286 | 2024360 | 20.0 |