

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
 Data File : BM047909.D  
 Acq On : 08 Oct 2024 08:14  
 Operator : RC/JU  
 Sample : P4131-12  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4EX5

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-BM092724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM047909.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         | 3.252       | 41            | 45          | 52           | rVB      | 49948          | 69202         | 1.53%           | 0.120%        |
| 2         | 3.663       | 111           | 115         | 129          | rBV      | 642735         | 991437        | 21.88%          | 1.720%        |
| 3         | 3.993       | 168           | 171         | 175          | rVB2     | 20274          | 26473         | 0.58%           | 0.046%        |
| 4         | 4.916       | 325           | 328         | 333          | rVB5     | 10849          | 16634         | 0.37%           | 0.029%        |
| 5         | 6.963       | 669           | 676         | 691          | rBV      | 775402         | 1255667       | 27.71%          | 2.178%        |
| 6         | 7.122       | 697           | 703         | 712          | rVB      | 613054         | 977084        | 21.56%          | 1.695%        |
| 7         | 7.328       | 731           | 738         | 748          | rBV      | 805934         | 1293364       | 28.54%          | 2.244%        |
| 8         | 7.422       | 751           | 754         | 757          | rVB5     | 4796           | 4828          | 0.11%           | 0.008%        |
| 9         | 7.793       | 810           | 817         | 825          | rBV      | 1136277        | 1807696       | 39.89%          | 3.136%        |
| 10        | 7.869       | 826           | 830         | 836          | rVB8     | 10725          | 18877         | 0.42%           | 0.033%        |
| 11        | 8.010       | 850           | 854         | 856          | rBV3     | 4106           | 5292          | 0.12%           | 0.009%        |
| 12        | 8.498       | 930           | 937         | 949          | rBV      | 945919         | 1559734       | 34.42%          | 2.706%        |
| 13        | 8.945       | 1006          | 1013        | 1024         | rBV      | 718337         | 1192006       | 26.30%          | 2.068%        |
| 14        | 9.110       | 1039          | 1041        | 1046         | rVB6     | 4105           | 6176          | 0.14%           | 0.011%        |
| 15        | 9.387       | 1082          | 1088        | 1093         | rBV6     | 7877           | 13622         | 0.30%           | 0.024%        |
| 16        | 9.516       | 1101          | 1110        | 1119         | rBV      | 52380          | 96039         | 2.12%           | 0.167%        |
| 17        | 9.669       | 1129          | 1136        | 1147         | rBV      | 575950         | 957467        | 21.13%          | 1.661%        |
| 18        | 9.910       | 1173          | 1177        | 1182         | rBV6     | 3098           | 4580          | 0.10%           | 0.008%        |
| 19        | 10.087      | 1203          | 1207        | 1214         | rVB6     | 4902           | 7976          | 0.18%           | 0.014%        |
| 20        | 10.210      | 1221          | 1228        | 1243         | rBV      | 937523         | 1590968       | 35.10%          | 2.760%        |
| 21        | 10.587      | 1284          | 1292        | 1299         | rBV      | 1526890        | 2566419       | 56.63%          | 4.452%        |
| 22        | 10.722      | 1307          | 1315        | 1326         | rBV      | 889775         | 1606884       | 35.46%          | 2.788%        |
| 23        | 11.128      | 1376          | 1384        | 1393         | rBV      | 16091          | 38048         | 0.84%           | 0.066%        |
| 24        | 11.875      | 1504          | 1511        | 1515         | rBV9     | 4406           | 10975         | 0.24%           | 0.019%        |
| 25        | 12.028      | 1536          | 1537        | 1544         | rVB5     | 5533           | 5772          | 0.13%           | 0.010%        |
| 26        | 12.181      | 1558          | 1563        | 1567         | rBV3     | 18457          | 29182         | 0.64%           | 0.051%        |
| 27        | 12.322      | 1584          | 1587        | 1589         | rBV4     | 4386           | 5581          | 0.12%           | 0.010%        |
| 28        | 12.980      | 1694          | 1699        | 1702         | rVB7     | 3238           | 5225          | 0.12%           | 0.009%        |
| 29        | 13.033      | 1702          | 1708        | 1713         | rVB7     | 4298           | 9031          | 0.20%           | 0.016%        |
| 30        | 13.222      | 1735          | 1740        | 1743         | rBV5     | 4119           | 9128          | 0.20%           | 0.016%        |
| 31        | 13.263      | 1743          | 1747        | 1753         | rVB3     | 12443          | 19980         | 0.44%           | 0.035%        |
| 32        | 13.398      | 1766          | 1770        | 1774         | rVV7     | 4923           | 8842          | 0.20%           | 0.015%        |
| 33        | 13.839      | 1838          | 1845        | 1858         | rBV      | 1608891        | 2275499       | 50.21%          | 3.947%        |
| 34        | 14.033      | 1872          | 1878        | 1883         | rBV7     | 2455           | 5079          | 0.11%           | 0.009%        |
| 35        | 14.122      | 1883          | 1893        | 1902         | rBV      | 1967879        | 2880787       | 63.56%          | 4.997%        |
| 36        | 14.333      | 1925          | 1929        | 1933         | rBV6     | 7324           | 10666         | 0.24%           | 0.019%        |

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 Sample : P4131-12  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4EX5

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-BM092724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |         |        |
|----|--------|------|------|------|-------|---------|---------|---------|--------|
| 37 | 14.427 | 1938 | 1945 | 1953 | rBV   | 2250194 | 3305776 | 72.94%  | 5.735% |
| 38 | 14.627 | 1972 | 1979 | 1997 | rBV   | 566582  | 949571  | 20.95%  | 1.647% |
| 39 | 14.845 | 2011 | 2016 | 2022 | rBV9  | 17092   | 29740   | 0.66%   | 0.052% |
| 40 | 15.222 | 2076 | 2080 | 2088 | rVB10 | 5040    | 9558    | 0.21%   | 0.017% |
| 41 | 15.280 | 2088 | 2090 | 2093 | rBV4  | 5336    | 5267    | 0.12%   | 0.009% |
| 42 | 15.421 | 2107 | 2114 | 2122 | rBV   | 2509963 | 3544234 | 78.20%  | 6.148% |
| 43 | 15.533 | 2127 | 2133 | 2140 | rBV   | 455907  | 658197  | 14.52%  | 1.142% |
| 44 | 15.663 | 2151 | 2155 | 2162 | rVB3  | 12551   | 22220   | 0.49%   | 0.039% |
| 45 | 15.786 | 2170 | 2176 | 2183 | rBV   | 1153292 | 1557410 | 34.36%  | 2.702% |
| 46 | 15.986 | 2207 | 2210 | 2214 | rVB6  | 4956    | 5919    | 0.13%   | 0.010% |
| 47 | 16.204 | 2244 | 2247 | 2252 | rVB5  | 5219    | 7765    | 0.17%   | 0.013% |
| 48 | 16.345 | 2267 | 2271 | 2278 | rVB   | 28369   | 39593   | 0.87%   | 0.069% |
| 49 | 16.580 | 2307 | 2311 | 2314 | rBV4  | 4637    | 5705    | 0.13%   | 0.010% |
| 50 | 16.657 | 2321 | 2324 | 2325 | rBV3  | 5003    | 5577    | 0.12%   | 0.010% |
| 51 | 16.857 | 2352 | 2358 | 2360 | rVB5  | 4823    | 6836    | 0.15%   | 0.012% |
| 52 | 16.933 | 2367 | 2371 | 2372 | rBV4  | 5015    | 5254    | 0.12%   | 0.009% |
| 53 | 16.963 | 2372 | 2376 | 2378 | rVV4  | 5660    | 7411    | 0.16%   | 0.013% |
| 54 | 17.057 | 2388 | 2392 | 2394 | rBV4  | 6524    | 9282    | 0.20%   | 0.016% |
| 55 | 17.086 | 2395 | 2397 | 2400 | rVB4  | 9610    | 7127    | 0.16%   | 0.012% |
| 56 | 17.168 | 2404 | 2411 | 2418 | rBV   | 2654449 | 3823969 | 84.38%  | 6.634% |
| 57 | 17.268 | 2422 | 2428 | 2438 | rVV   | 2631076 | 3714804 | 81.97%  | 6.444% |
| 58 | 17.357 | 2438 | 2443 | 2448 | rVB9  | 25360   | 46469   | 1.03%   | 0.081% |
| 59 | 17.757 | 2508 | 2511 | 2513 | rBV3  | 7031    | 9175    | 0.20%   | 0.016% |
| 60 | 17.886 | 2530 | 2533 | 2537 | rBV6  | 5086    | 7707    | 0.17%   | 0.013% |
| 61 | 18.062 | 2558 | 2563 | 2572 | rBV   | 277693  | 424321  | 9.36%   | 0.736% |
| 62 | 18.245 | 2589 | 2594 | 2598 | rBV8  | 17325   | 33825   | 0.75%   | 0.059% |
| 63 | 18.298 | 2601 | 2603 | 2608 | rVB6  | 8769    | 11024   | 0.24%   | 0.019% |
| 64 | 19.121 | 2739 | 2743 | 2749 | rVB3  | 36169   | 47021   | 1.04%   | 0.082% |
| 65 | 19.192 | 2751 | 2755 | 2757 | rBV   | 49367   | 66418   | 1.47%   | 0.115% |
| 66 | 19.221 | 2758 | 2760 | 2767 | rVB   | 49149   | 58069   | 1.28%   | 0.101% |
| 67 | 19.339 | 2776 | 2780 | 2788 | rBV3  | 56732   | 92627   | 2.04%   | 0.161% |
| 68 | 19.557 | 2811 | 2817 | 2831 | rBV   | 3267241 | 4532097 | 100.00% | 7.862% |
| 69 | 21.068 | 3070 | 3074 | 3083 | rBV2  | 286904  | 433071  | 9.56%   | 0.751% |
| 70 | 21.392 | 3123 | 3129 | 3142 | rBV   | 2759447 | 4141747 | 91.39%  | 7.185% |
| 71 | 24.186 | 3596 | 3604 | 3613 | rVB   | 1703853 | 4156216 | 91.71%  | 7.210% |
| 72 | 24.391 | 3631 | 3639 | 3654 | rVB   | 1710454 | 4481692 | 98.89%  | 7.775% |

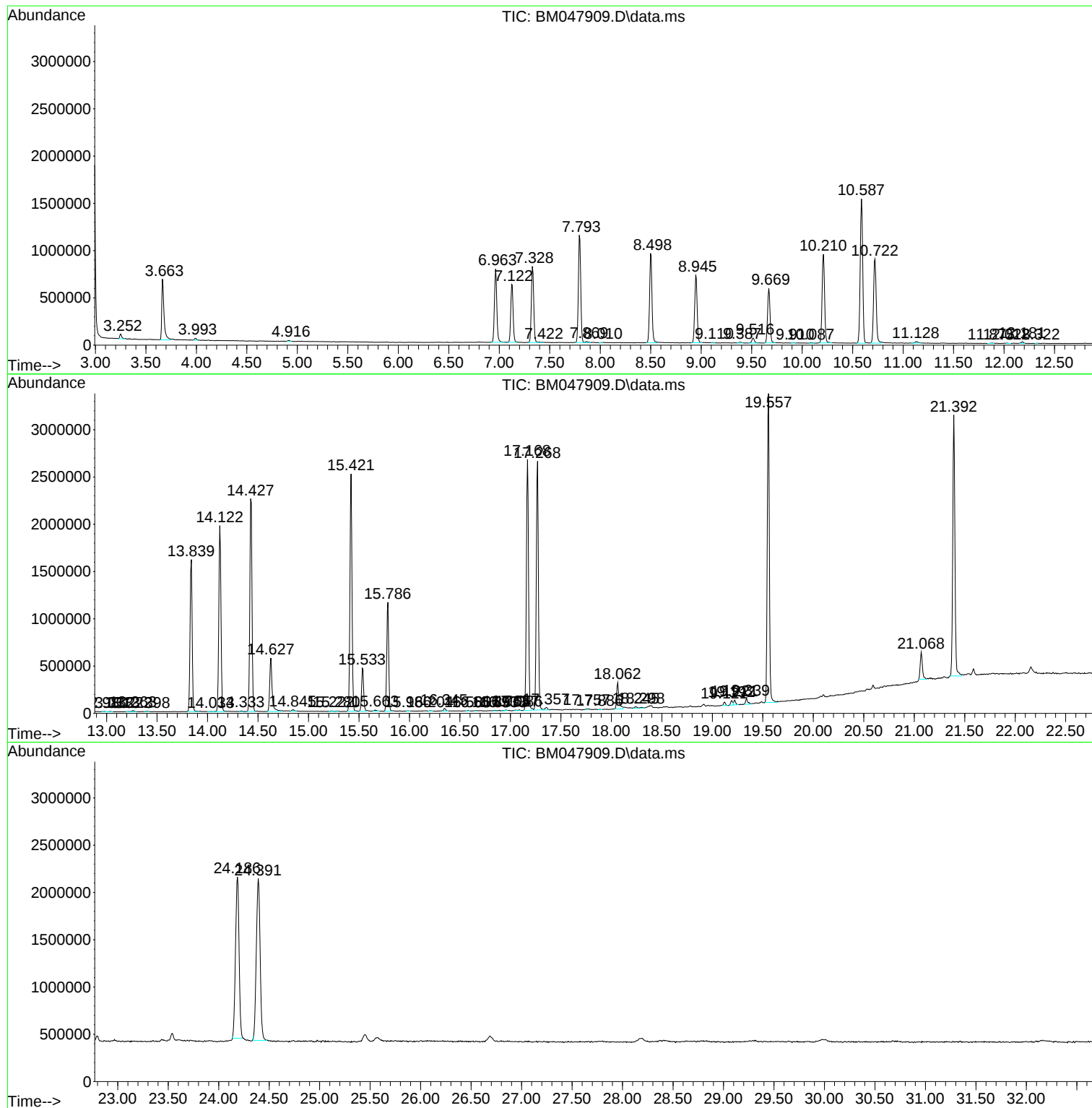
Sum of corrected areas: 57644914

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Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4EX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.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\BM100724\  
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Sample : P4131-12  
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ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4EX5

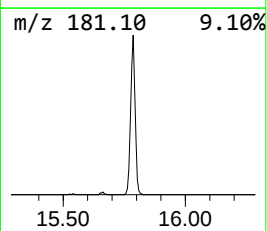
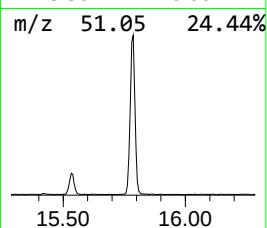
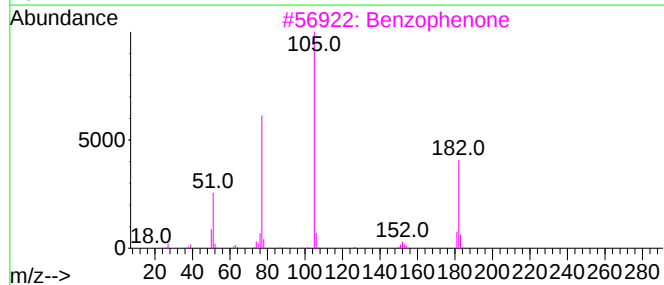
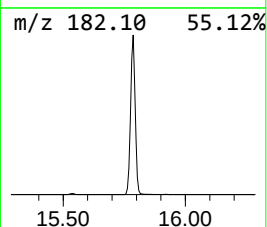
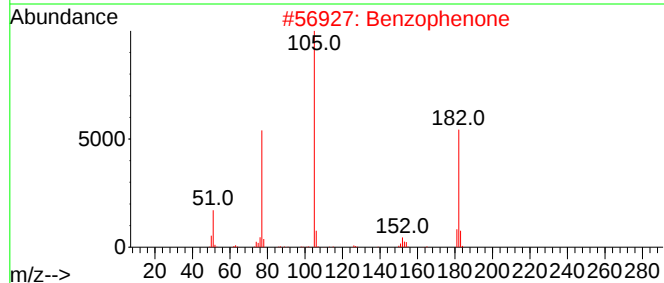
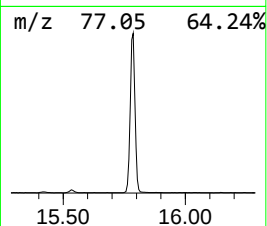
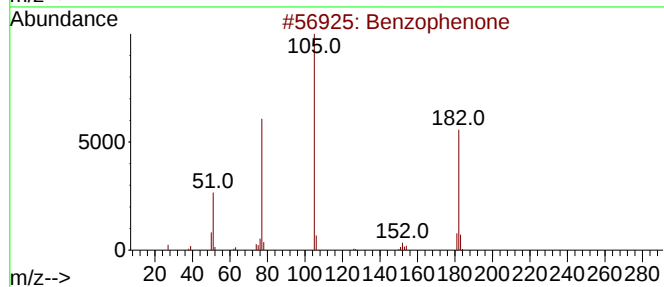
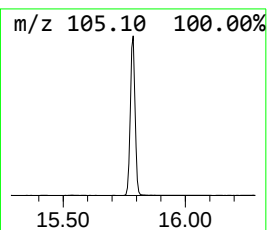
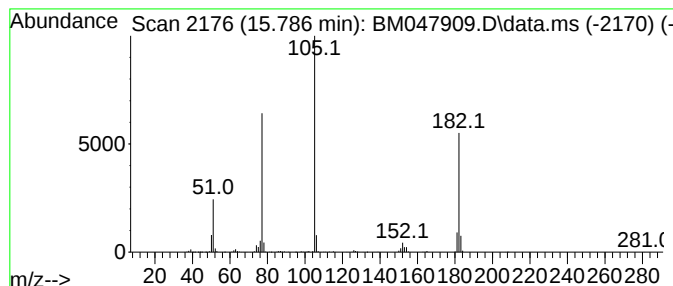
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|---------|------------------|--------|
| 15.786 | 9.42 ng/ul | 1557410 | Acenaphthene-d10 | 14.427 |

| 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 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O  | 000119-61-9 | 93   |
| 5    |    |   | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 64   |



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ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4EX5

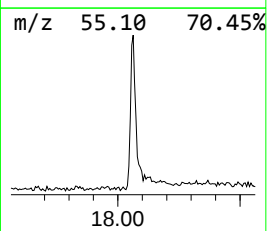
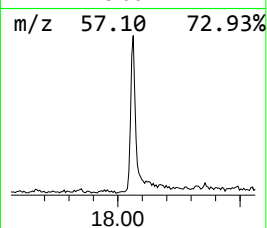
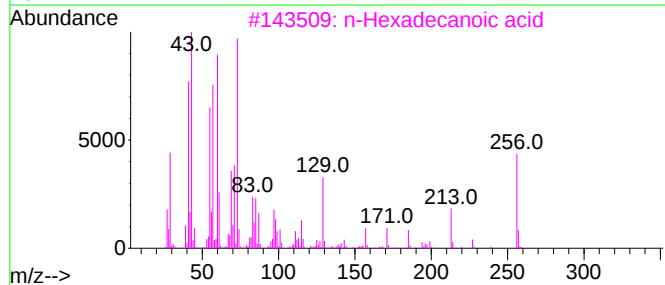
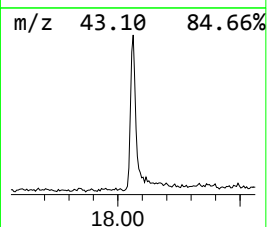
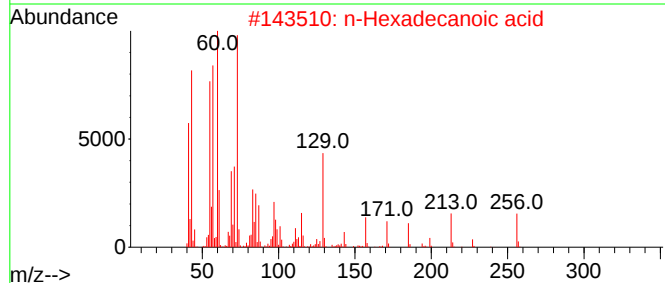
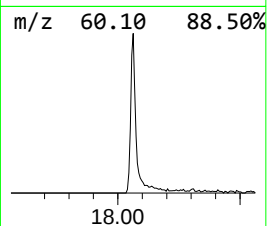
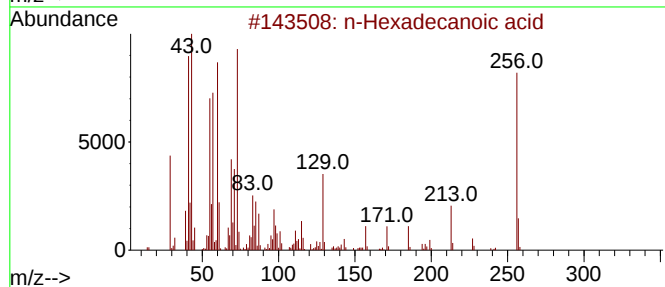
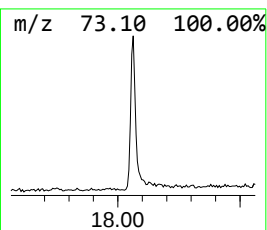
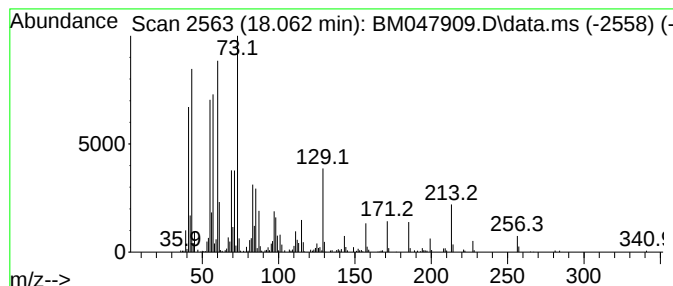
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.063 | 2.22 ng/ul | 424321 | Phenanthrene-d10 | 17.168 |

| 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 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |



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ClientSampleId :  
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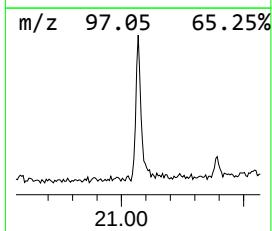
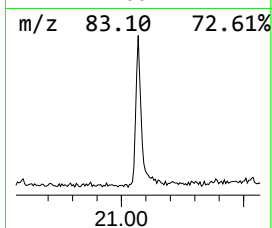
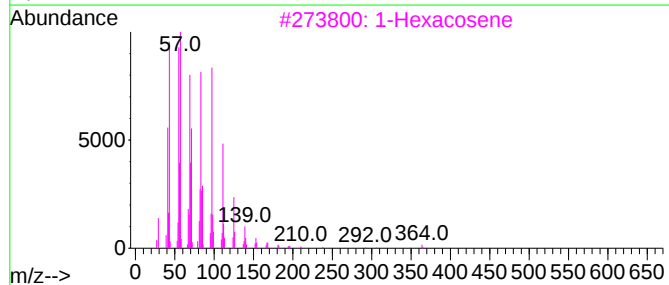
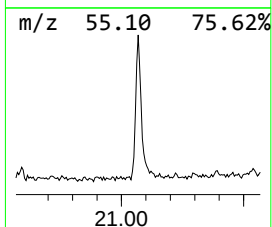
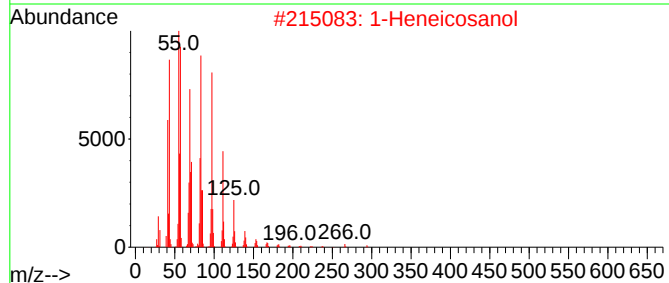
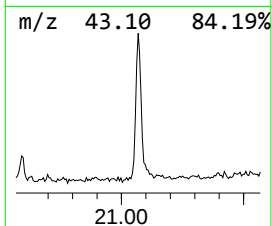
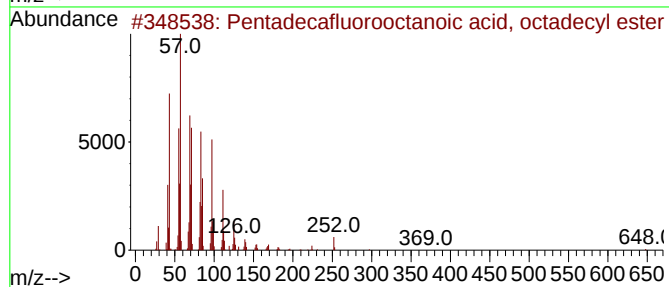
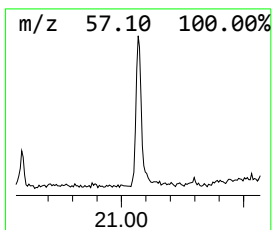
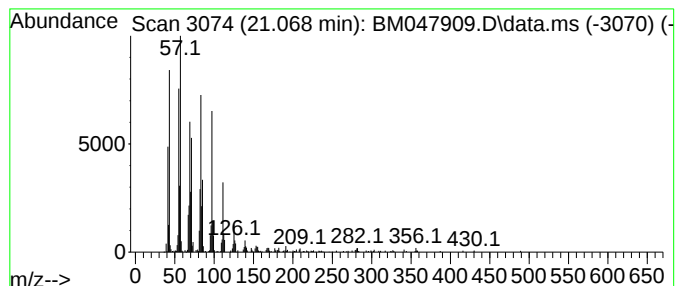
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.068    | 2.09 ng/ul                          | 433071 | Chrysene-d12     | 21.392       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 94   |
| 2         | 1-Heneicosanol                      | 312    | C21H44O          | 015594-90-8  | 93   |
| 3         | 1-Hexacosene                        | 364    | C26H52           | 018835-33-1  | 93   |
| 4         | Heptadecyl trifluoroacetate         | 352    | C19H35F3O2       | 1010351-87-0 | 91   |
| 5         | Nonacos-1-ene                       | 406    | C29H58           | 018835-35-3  | 91   |



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ClientSampleId :  
A4EX5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.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       | 15.786 | 9.4     | ng/ul | 1557410  | 3                     | 14.427 | 3305780 | 20.0 |
| n-Hexadecanoic ... | 18.063 | 2.2     | ng/ul | 424321   | 4                     | 17.168 | 3823970 | 20.0 |
| Pentadecafluoro... | 21.068 | 2.1     | ng/ul | 433071   | 5                     | 21.392 | 4141750 | 20.0 |