

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102824\  
 Data File : BM048272.D  
 Acq On : 29 Oct 2024 02:27  
 Operator : RC/JU  
 Sample : P4529-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F7H35

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-BM102624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM048272.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         | 3.169       | 28            | 31          | 39           | rVB      | 48988          | 69098         | 1.80%           | 0.153%        |
| 2         | 3.587       | 99            | 102         | 120          | rVB      | 389623         | 600461        | 15.66%          | 1.332%        |
| 3         | 3.910       | 154           | 157         | 164          | rVB4     | 13084          | 19526         | 0.51%           | 0.043%        |
| 4         | 4.846       | 310           | 316         | 322          | rBV2     | 13474          | 27685         | 0.72%           | 0.061%        |
| 5         | 5.204       | 375           | 377         | 381          | rVB3     | 3243           | 4756          | 0.12%           | 0.011%        |
| 6         | 5.740       | 467           | 468         | 473          | rBV4     | 3053           | 3867          | 0.10%           | 0.009%        |
| 7         | 6.075       | 520           | 525         | 528          | rVB5     | 4201           | 5813          | 0.15%           | 0.013%        |
| 8         | 6.893       | 655           | 664         | 677          | rBV      | 634309         | 1091424       | 28.47%          | 2.422%        |
| 9         | 7.051       | 683           | 691         | 704          | rBV      | 564656         | 902152        | 23.53%          | 2.002%        |
| 10        | 7.251       | 719           | 725         | 738          | rBV      | 668120         | 1091903       | 28.48%          | 2.423%        |
| 11        | 7.540       | 770           | 774         | 776          | rBV5     | 3005           | 4051          | 0.11%           | 0.009%        |
| 12        | 7.716       | 796           | 804         | 813          | rBV      | 753696         | 1221137       | 31.85%          | 2.710%        |
| 13        | 7.969       | 845           | 847         | 856          | rVB8     | 6126           | 15083         | 0.39%           | 0.033%        |
| 14        | 8.434       | 919           | 926         | 945          | rBV      | 769876         | 1321334       | 34.47%          | 2.932%        |
| 15        | 8.875       | 993           | 1001        | 1011         | rBV      | 603509         | 1029532       | 26.85%          | 2.284%        |
| 16        | 9.304       | 1069          | 1074        | 1080         | rBV4     | 14169          | 24972         | 0.65%           | 0.055%        |
| 17        | 9.451       | 1093          | 1099        | 1104         | rBV2     | 26609          | 50221         | 1.31%           | 0.111%        |
| 18        | 9.598       | 1116          | 1124        | 1138         | rBV      | 461542         | 826232        | 21.55%          | 1.833%        |
| 19        | 9.775       | 1152          | 1154        | 1158         | rVB5     | 3351           | 4813          | 0.13%           | 0.011%        |
| 20        | 10.139      | 1208          | 1216        | 1238         | rBV      | 672446         | 1292392       | 33.71%          | 2.868%        |
| 21        | 10.504      | 1271          | 1278        | 1289         | rBV      | 1030475        | 1724258       | 44.98%          | 3.826%        |
| 22        | 10.651      | 1295          | 1303        | 1324         | rBV      | 595330         | 1272528       | 33.19%          | 2.824%        |
| 23        | 11.086      | 1374          | 1377        | 1384         | rVB6     | 6295           | 10672         | 0.28%           | 0.024%        |
| 24        | 11.792      | 1491          | 1497        | 1502         | rBV5     | 9764           | 15883         | 0.41%           | 0.035%        |
| 25        | 12.128      | 1543          | 1554        | 1559         | rVV4     | 10327          | 22167         | 0.58%           | 0.049%        |
| 26        | 12.722      | 1649          | 1655        | 1658         | rBV5     | 3543           | 5855          | 0.15%           | 0.013%        |
| 27        | 12.816      | 1668          | 1671        | 1676         | rBV4     | 6469           | 9787          | 0.26%           | 0.022%        |
| 28        | 12.969      | 1695          | 1697        | 1701         | rVB5     | 4337           | 5960          | 0.16%           | 0.013%        |
| 29        | 13.192      | 1730          | 1735        | 1744         | rBV5     | 7319           | 13394         | 0.35%           | 0.030%        |
| 30        | 13.333      | 1754          | 1759        | 1764         | rVB7     | 5240           | 8320          | 0.22%           | 0.018%        |
| 31        | 13.774      | 1827          | 1834        | 1843         | rBV      | 1324283        | 1885919       | 49.19%          | 4.185%        |
| 32        | 13.892      | 1852          | 1854        | 1861         | rVB5     | 4684           | 7988          | 0.21%           | 0.018%        |
| 33        | 14.051      | 1871          | 1881        | 1894         | rBV      | 1554908        | 2382942       | 62.16%          | 5.287%        |
| 34        | 14.263      | 1913          | 1917        | 1922         | rVB5     | 6983           | 12205         | 0.32%           | 0.027%        |
| 35        | 14.363      | 1927          | 1934        | 1943         | rBV      | 1464701        | 2219256       | 57.89%          | 4.924%        |
| 36        | 14.486      | 1952          | 1955        | 1961         | rVB7     | 3358           | 5454          | 0.14%           | 0.012%        |

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 Sample : P4529-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F7H35

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-BM102624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 14.586 | 1964 | 1972 | 1996 | rBV  | 253358  | 698437  | 18.22%  | 1.550% |
| 38 | 14.792 | 2004 | 2007 | 2013 | rVB6 | 10978   | 16240   | 0.42%   | 0.036% |
| 39 | 15.168 | 2067 | 2071 | 2072 | rBV4 | 6682    | 6870    | 0.18%   | 0.015% |
| 40 | 15.216 | 2077 | 2079 | 2084 | rVB5 | 4925    | 7268    | 0.19%   | 0.016% |
| 41 | 15.268 | 2084 | 2088 | 2093 | rBV7 | 2673    | 4212    | 0.11%   | 0.009% |
| 42 | 15.357 | 2094 | 2103 | 2118 | rBV  | 2033767 | 2986138 | 77.89%  | 6.626% |
| 43 | 15.480 | 2118 | 2124 | 2140 | rVV  | 452188  | 712637  | 18.59%  | 1.581% |
| 44 | 15.592 | 2140 | 2143 | 2146 | rVV5 | 12424   | 22014   | 0.57%   | 0.049% |
| 45 | 15.621 | 2146 | 2148 | 2155 | rVV3 | 14114   | 21126   | 0.55%   | 0.047% |
| 46 | 15.721 | 2158 | 2165 | 2171 | rVV  | 383160  | 540920  | 14.11%  | 1.200% |
| 47 | 15.774 | 2171 | 2174 | 2180 | rVV6 | 8505    | 16464   | 0.43%   | 0.037% |
| 48 | 15.821 | 2180 | 2182 | 2191 | rVB8 | 4162    | 7826    | 0.20%   | 0.017% |
| 49 | 15.921 | 2196 | 2199 | 2203 | rVB5 | 4963    | 6764    | 0.18%   | 0.015% |
| 50 | 16.104 | 2223 | 2230 | 2233 | rBV2 | 23480   | 37327   | 0.97%   | 0.083% |
| 51 | 16.286 | 2255 | 2261 | 2265 | rVB3 | 12774   | 22195   | 0.58%   | 0.049% |
| 52 | 16.921 | 2366 | 2369 | 2377 | rVB3 | 19393   | 28700   | 0.75%   | 0.064% |
| 53 | 17.033 | 2383 | 2388 | 2393 | rVB8 | 8298    | 14848   | 0.39%   | 0.033% |
| 54 | 17.104 | 2393 | 2400 | 2410 | rBV  | 1842655 | 2572613 | 67.11%  | 5.708% |
| 55 | 17.204 | 2410 | 2417 | 2430 | rVV  | 2087395 | 3146758 | 82.08%  | 6.982% |
| 56 | 17.310 | 2430 | 2435 | 2440 | rVB6 | 24403   | 39653   | 1.03%   | 0.088% |
| 57 | 17.868 | 2528 | 2530 | 2536 | rVV7 | 4664    | 8358    | 0.22%   | 0.019% |
| 58 | 18.004 | 2547 | 2553 | 2562 | rBV  | 299551  | 492205  | 12.84%  | 1.092% |
| 59 | 18.304 | 2601 | 2604 | 2610 | rVB5 | 13885   | 18638   | 0.49%   | 0.041% |
| 60 | 18.674 | 2663 | 2667 | 2670 | rBV5 | 6834    | 11934   | 0.31%   | 0.026% |
| 61 | 19.062 | 2729 | 2733 | 2737 | rBV4 | 28807   | 40186   | 1.05%   | 0.089% |
| 62 | 19.133 | 2741 | 2745 | 2753 | rBV  | 35660   | 70600   | 1.84%   | 0.157% |
| 63 | 19.280 | 2765 | 2770 | 2777 | rBV3 | 83097   | 139201  | 3.63%   | 0.309% |
| 64 | 19.492 | 2800 | 2806 | 2820 | rBV  | 2709570 | 3795449 | 99.00%  | 8.422% |
| 65 | 21.009 | 3060 | 3064 | 3072 | rBV3 | 259052  | 472062  | 12.31%  | 1.047% |
| 66 | 21.327 | 3112 | 3118 | 3130 | rBV  | 1846551 | 2862099 | 74.66%  | 6.351% |
| 67 | 24.074 | 3576 | 3585 | 3600 | rVB  | 1544351 | 3833680 | 100.00% | 8.506% |
| 68 | 24.274 | 3610 | 3619 | 3634 | rVB  | 1208489 | 3206082 | 83.63%  | 7.114% |

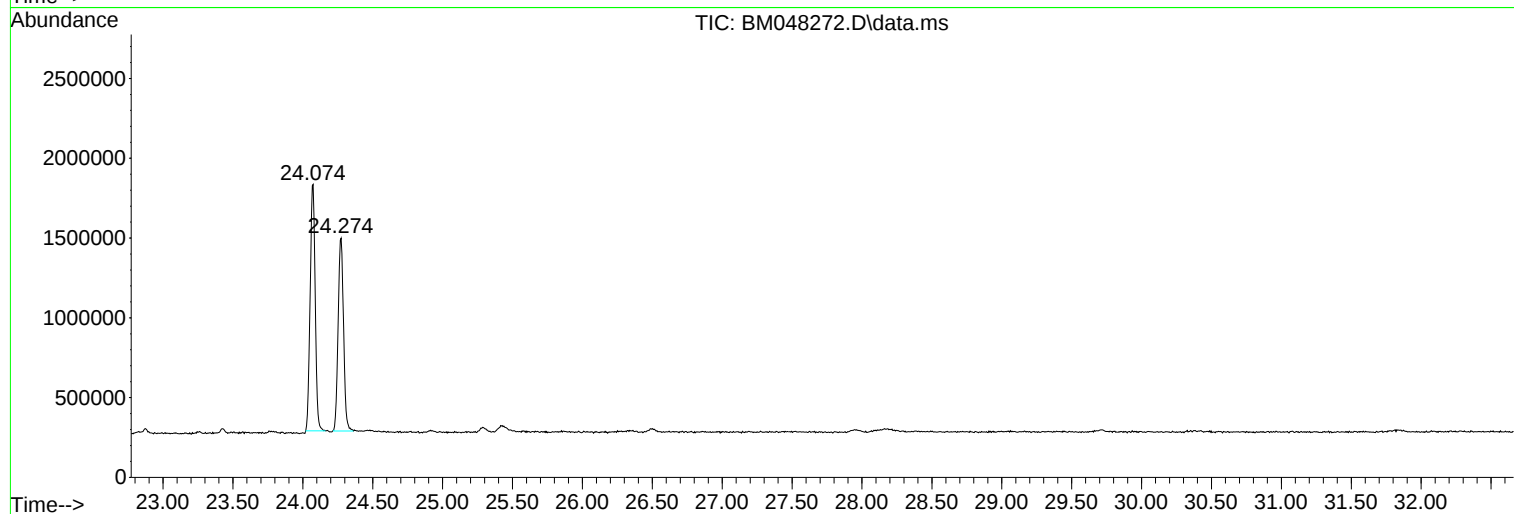
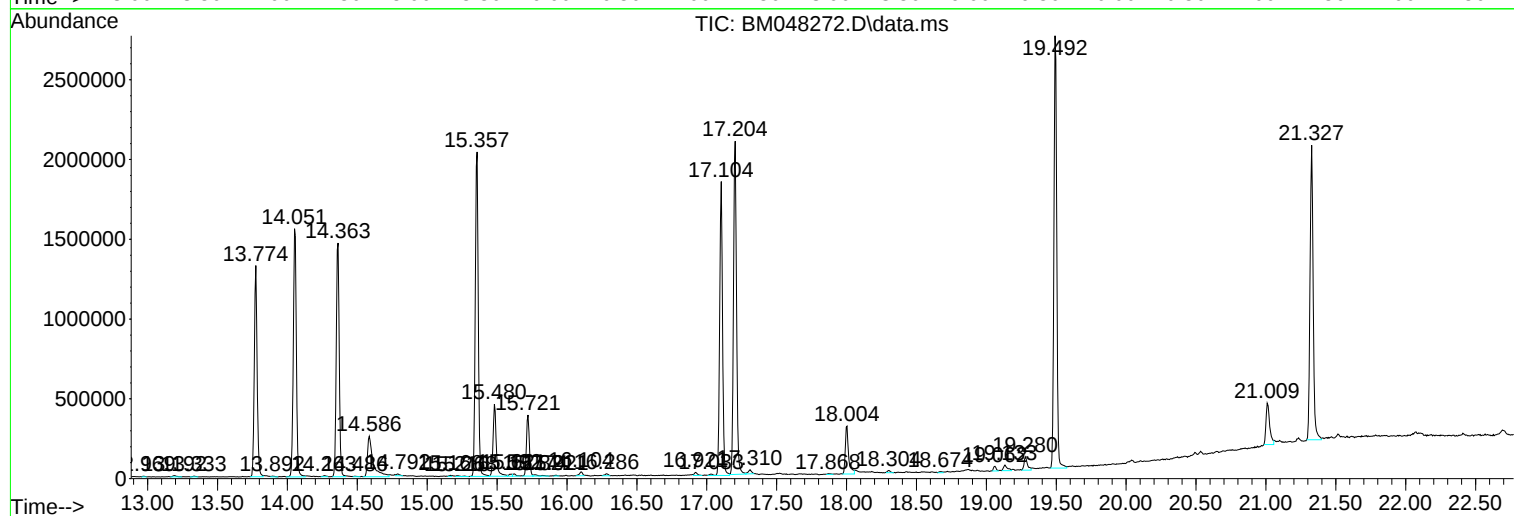
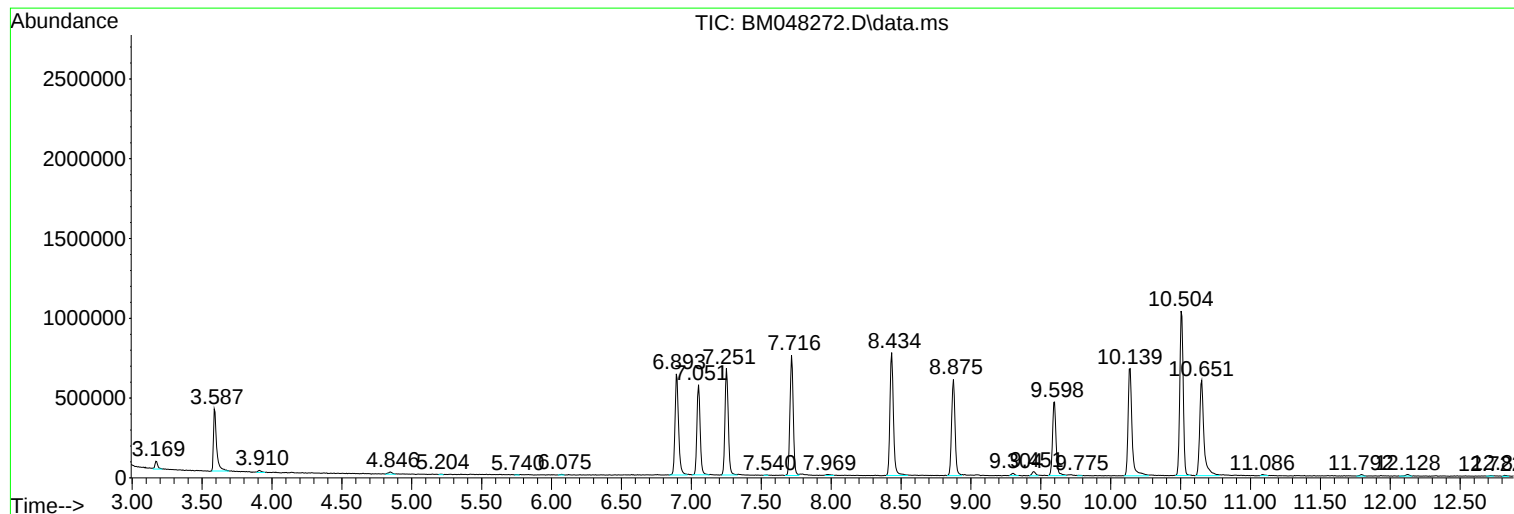
Sum of corrected areas: 45068544

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Sample : P4529-14  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F7H35

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.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\BM102824\  
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Sample : P4529-14  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F7H35

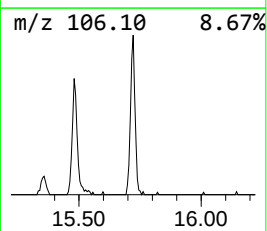
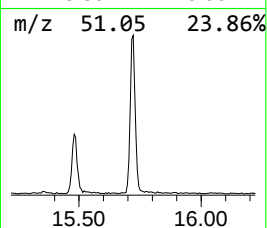
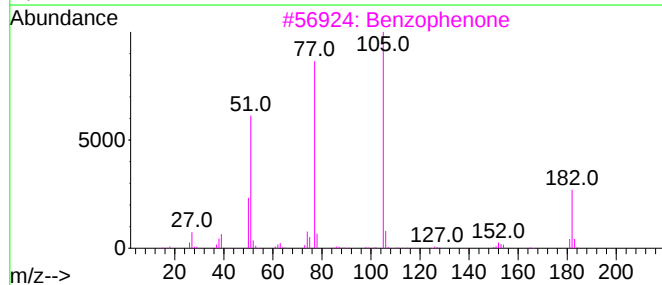
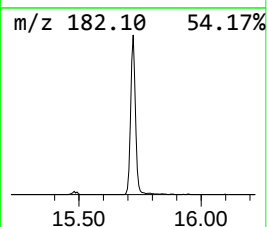
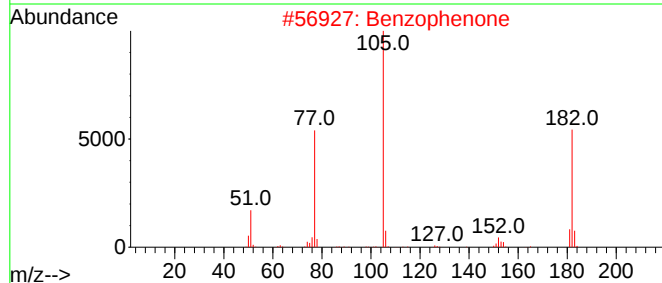
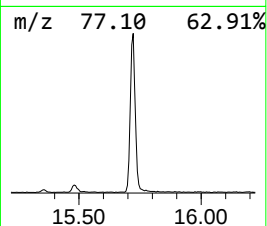
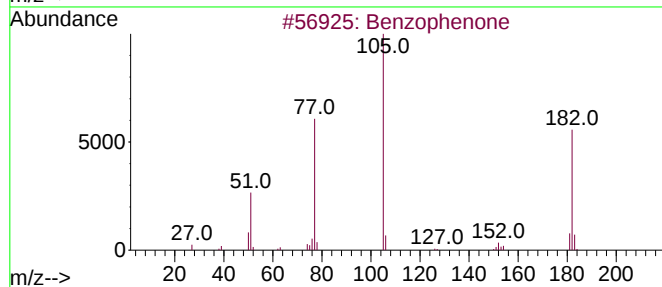
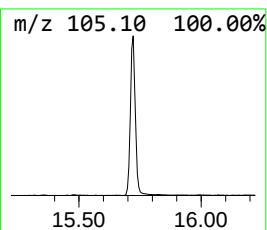
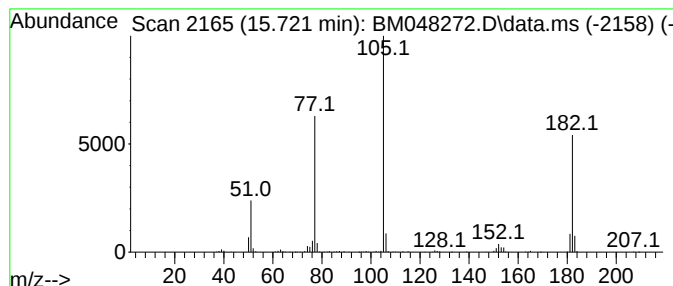
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 15.721 | 4.87 ng/ul | 540920 | Acenaphthene-d10 | 14.363 |

| 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 | 91   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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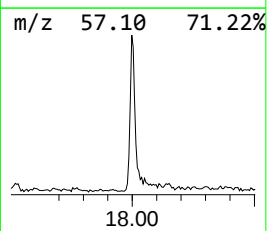
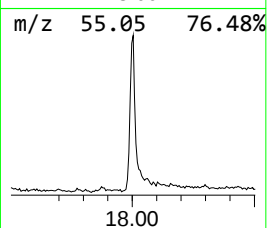
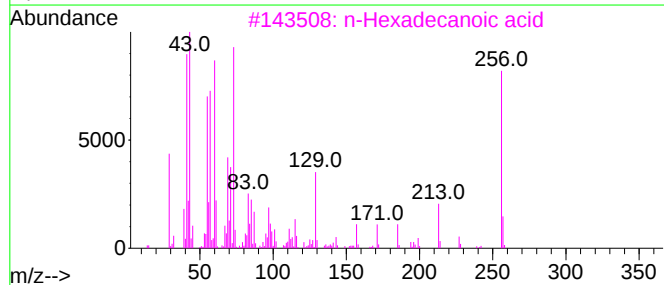
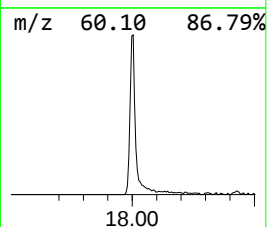
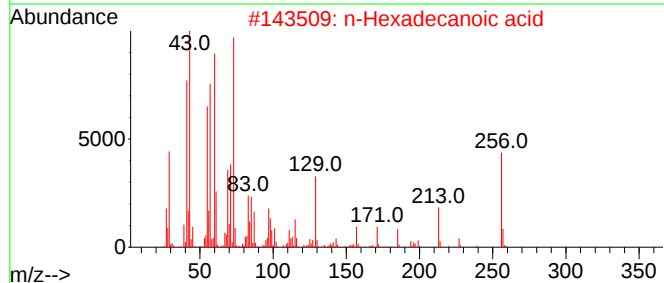
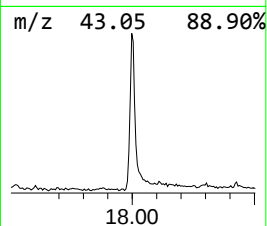
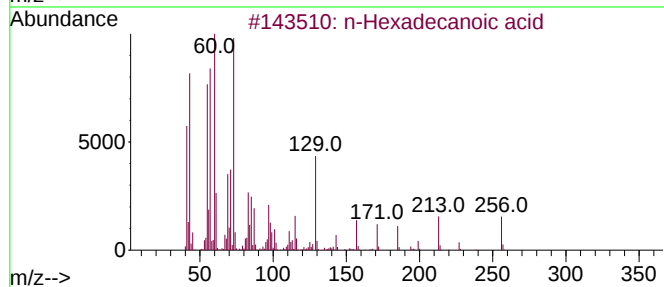
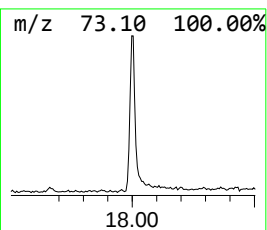
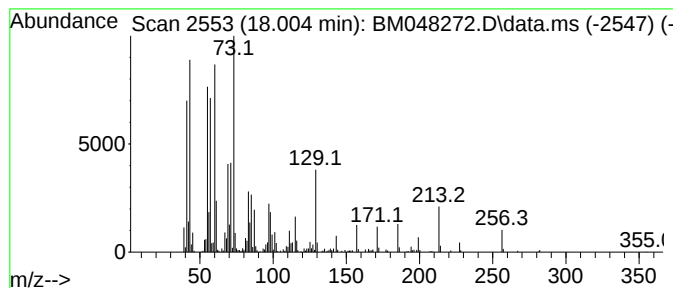
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.004 | 3.83 ng/ul | 492205 | Phenanthrene-d10 | 17.104 |

| 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 | 98   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |



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F7H35

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION

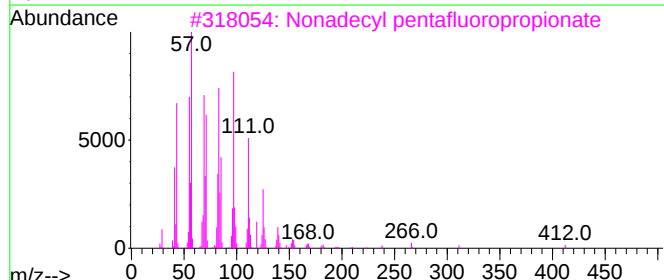
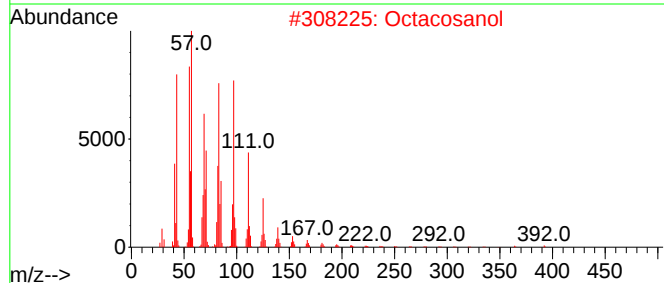
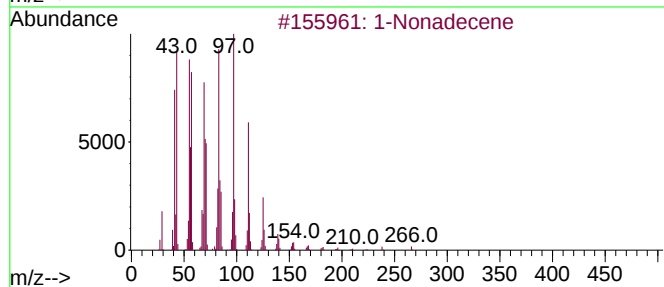
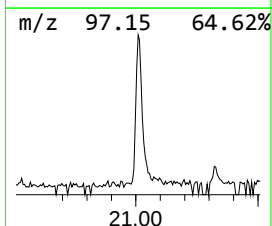
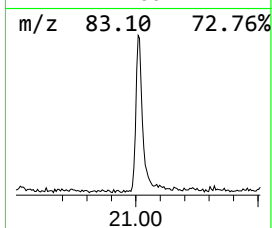
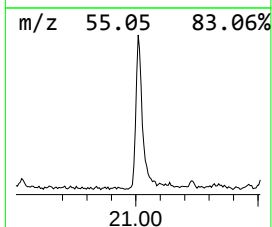
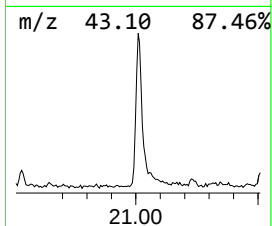
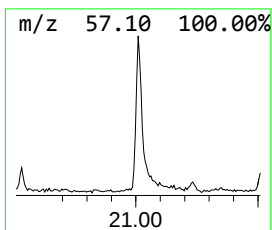
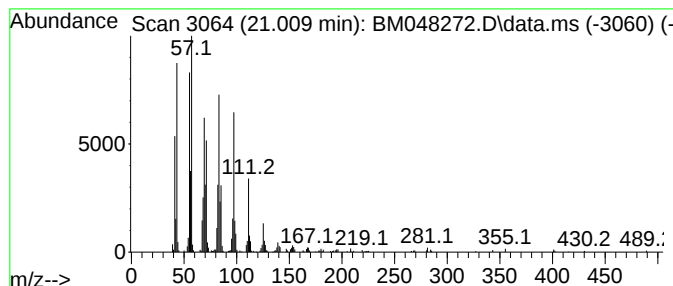
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.009 | 3.30 ng/ul | 472062 | Chrysene-d12     | 21.327 |

| Hit# | of                              | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|---------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Nonadecene                    |   |              | 266 | C19H38     | 018435-45-5  | 97   |
| 2    | Octacosanol                     |   |              | 410 | C28H58O    | 000557-61-9  | 94   |
| 3    | Nonadecyl pentafluoropropionate |   |              | 430 | C22H39F5O2 | 1000351-88-8 | 91   |
| 4    | 1-Heptacosanol                  |   |              | 396 | C27H56O    | 002004-39-9  | 91   |
| 5    | 1-Docosene                      |   |              | 308 | C22H44     | 001599-67-3  | 91   |



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ClientSampleId :  
F7H35

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.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       | 15.721 | 4.9     | ng/u1 | 540920   | 3                     | 14.363 | 2219260 | 20.0 |
| n-Hexadecanoic ... | 18.004 | 3.8     | ng/u1 | 492205   | 4                     | 17.104 | 2572610 | 20.0 |
| (DEL) Alkane: S... | 21.009 | 3.3     | ng/u1 | 472062   | 5                     | 21.327 | 2862100 | 20.0 |