

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101624\  
 Data File : BP022430.D  
 Acq On : 17 Oct 2024 01:56  
 Operator : RC/JU  
 Sample : P4329-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EG5

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-BP100724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP022430.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         | 3.199       | 33            | 36          | 40           | rVB      | 15082          | 17825         | 0.58%           | 0.057%        |
| 2         | 3.617       | 103           | 107         | 120          | rBV      | 185508         | 299966        | 9.68%           | 0.952%        |
| 3         | 3.828       | 141           | 143         | 148          | rVB5     | 2205           | 3256          | 0.11%           | 0.010%        |
| 4         | 3.934       | 156           | 161         | 166          | rVB      | 10221          | 14579         | 0.47%           | 0.046%        |
| 5         | 4.828       | 310           | 313         | 322          | rVB5     | 3866           | 7393          | 0.24%           | 0.023%        |
| 6         | 5.958       | 502           | 505         | 508          | rVB4     | 2959           | 3335          | 0.11%           | 0.011%        |
| 7         | 6.711       | 627           | 633         | 634          | rBV5     | 2549           | 3620          | 0.12%           | 0.011%        |
| 8         | 6.858       | 652           | 658         | 670          | rVB      | 290892         | 480595        | 15.51%          | 1.525%        |
| 9         | 7.011       | 677           | 684         | 695          | rVV      | 206534         | 341851        | 11.03%          | 1.085%        |
| 10        | 7.211       | 710           | 718         | 730          | rBV      | 282376         | 480472        | 15.50%          | 1.524%        |
| 11        | 7.669       | 787           | 796         | 804          | rBV      | 532223         | 828604        | 26.74%          | 2.629%        |
| 12        | 7.740       | 804           | 808         | 818          | rVB5     | 7454           | 14378         | 0.46%           | 0.046%        |
| 13        | 8.369       | 909           | 915         | 934          | rBV      | 366000         | 626769        | 20.22%          | 1.988%        |
| 14        | 8.811       | 982           | 990         | 1004         | rBV      | 276689         | 475840        | 15.35%          | 1.510%        |
| 15        | 8.969       | 1013          | 1017        | 1022         | rVB8     | 2648           | 4518          | 0.15%           | 0.014%        |
| 16        | 9.216       | 1054          | 1059        | 1065         | rVB      | 19038          | 31274         | 1.01%           | 0.099%        |
| 17        | 9.363       | 1079          | 1084        | 1090         | rBV      | 36332          | 55858         | 1.80%           | 0.177%        |
| 18        | 9.516       | 1103          | 1110        | 1122         | rBV      | 248397         | 427072        | 13.78%          | 1.355%        |
| 19        | 9.769       | 1151          | 1153        | 1158         | rVB6     | 2134           | 3138          | 0.10%           | 0.010%        |
| 20        | 9.934       | 1176          | 1181        | 1185         | rBV7     | 1838           | 3720          | 0.12%           | 0.012%        |
| 21        | 10.058      | 1194          | 1202        | 1213         | rBV      | 408242         | 707180        | 22.82%          | 2.243%        |
| 22        | 10.422      | 1255          | 1264        | 1271         | rBV      | 647461         | 1138863       | 36.75%          | 3.613%        |
| 23        | 10.558      | 1279          | 1287        | 1302         | rBV      | 346759         | 629605        | 20.31%          | 1.997%        |
| 24        | 10.728      | 1314          | 1316        | 1321         | rVB6     | 3037           | 4246          | 0.14%           | 0.013%        |
| 25        | 10.963      | 1349          | 1356        | 1363         | rBV6     | 8456           | 19320         | 0.62%           | 0.061%        |
| 26        | 11.216      | 1394          | 1399        | 1402         | rBV5     | 2435           | 4424          | 0.14%           | 0.014%        |
| 27        | 11.440      | 1431          | 1437        | 1440         | rBV7     | 2571           | 5865          | 0.19%           | 0.019%        |
| 28        | 11.693      | 1475          | 1480        | 1486         | rVB3     | 10758          | 18223         | 0.59%           | 0.058%        |
| 29        | 11.846      | 1499          | 1506        | 1510         | rBV6     | 4166           | 6391          | 0.21%           | 0.020%        |
| 30        | 12.010      | 1527          | 1534        | 1540         | rVV3     | 7713           | 14820         | 0.48%           | 0.047%        |
| 31        | 12.804      | 1664          | 1669        | 1673         | rBV6     | 4109           | 5818          | 0.19%           | 0.018%        |
| 32        | 13.052      | 1708          | 1711        | 1714         | rVV5     | 1852           | 3144          | 0.10%           | 0.010%        |
| 33        | 13.093      | 1714          | 1718        | 1728         | rVB6     | 9099           | 17055         | 0.55%           | 0.054%        |
| 34        | 13.240      | 1738          | 1743        | 1750         | rVB6     | 2986           | 6854          | 0.22%           | 0.022%        |
| 35        | 13.687      | 1812          | 1819        | 1828         | rBV      | 843878         | 1231325       | 39.73%          | 3.906%        |
| 36        | 13.763      | 1828          | 1832        | 1836         | rVB6     | 5487           | 8420          | 0.27%           | 0.027%        |

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 Sample : P4329-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EG5

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-BP100724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 13.969 | 1859 | 1867 | 1877 | rBV2 | 904063  | 1386069 | 44.72%  | 4.397% |
| 38 | 14.175 | 1900 | 1902 | 1908 | rVB5 | 3715    | 4927    | 0.16%   | 0.016% |
| 39 | 14.275 | 1911 | 1919 | 1928 | rBV  | 1305956 | 1832163 | 59.12%  | 5.812% |
| 40 | 14.404 | 1936 | 1941 | 1945 | rVB8 | 4498    | 6683    | 0.22%   | 0.021% |
| 41 | 14.504 | 1950 | 1958 | 1973 | rBV  | 261407  | 514221  | 16.59%  | 1.631% |
| 42 | 14.704 | 1986 | 1992 | 1998 | rVB  | 7629    | 16377   | 0.53%   | 0.052% |
| 43 | 15.081 | 2052 | 2056 | 2058 | rBV5 | 4224    | 4702    | 0.15%   | 0.015% |
| 44 | 15.281 | 2084 | 2090 | 2097 | rBV  | 1361524 | 1891809 | 61.04%  | 6.002% |
| 45 | 15.410 | 2106 | 2112 | 2124 | rBV  | 324415  | 449713  | 14.51%  | 1.427% |
| 46 | 15.546 | 2128 | 2135 | 2144 | rVB9 | 11989   | 36603   | 1.18%   | 0.116% |
| 47 | 15.657 | 2147 | 2154 | 2161 | rBV  | 338622  | 419194  | 13.53%  | 1.330% |
| 48 | 15.763 | 2169 | 2172 | 2177 | rBV6 | 2582    | 4849    | 0.16%   | 0.015% |
| 49 | 16.040 | 2213 | 2219 | 2223 | rBV7 | 10329   | 19284   | 0.62%   | 0.061% |
| 50 | 16.075 | 2223 | 2225 | 2231 | rVB7 | 4801    | 5524    | 0.18%   | 0.018% |
| 51 | 16.169 | 2237 | 2241 | 2247 | rVB9 | 6454    | 12925   | 0.42%   | 0.041% |
| 52 | 16.293 | 2258 | 2262 | 2267 | rBV6 | 6887    | 11979   | 0.39%   | 0.038% |
| 53 | 16.469 | 2289 | 2292 | 2298 | rVB8 | 6195    | 10387   | 0.34%   | 0.033% |
| 54 | 16.957 | 2371 | 2375 | 2378 | rBV6 | 9722    | 12424   | 0.40%   | 0.039% |
| 55 | 17.081 | 2390 | 2396 | 2401 | rBV  | 1735384 | 2442632 | 78.81%  | 7.749% |
| 56 | 17.169 | 2405 | 2411 | 2422 | rVB  | 1662024 | 2203484 | 71.10%  | 6.990% |
| 57 | 18.010 | 2550 | 2554 | 2564 | rBV  | 332119  | 510419  | 16.47%  | 1.619% |
| 58 | 18.810 | 2686 | 2690 | 2693 | rBV6 | 33817   | 45737   | 1.48%   | 0.145% |
| 59 | 19.345 | 2778 | 2781 | 2786 | rBV4 | 66097   | 82059   | 2.65%   | 0.260% |
| 60 | 19.557 | 2811 | 2817 | 2825 | rBV  | 2091853 | 2616435 | 84.42%  | 8.301% |
| 61 | 21.175 | 3088 | 3092 | 3099 | rVB2 | 230626  | 380245  | 12.27%  | 1.206% |
| 62 | 21.504 | 3142 | 3148 | 3154 | rBV  | 1692063 | 2737507 | 88.33%  | 8.685% |
| 63 | 24.545 | 3657 | 3665 | 3677 | rVB  | 1153240 | 2818123 | 90.93%  | 8.940% |
| 64 | 24.774 | 3695 | 3704 | 3712 | rBV  | 1207148 | 3099241 | 100.00% | 9.832% |

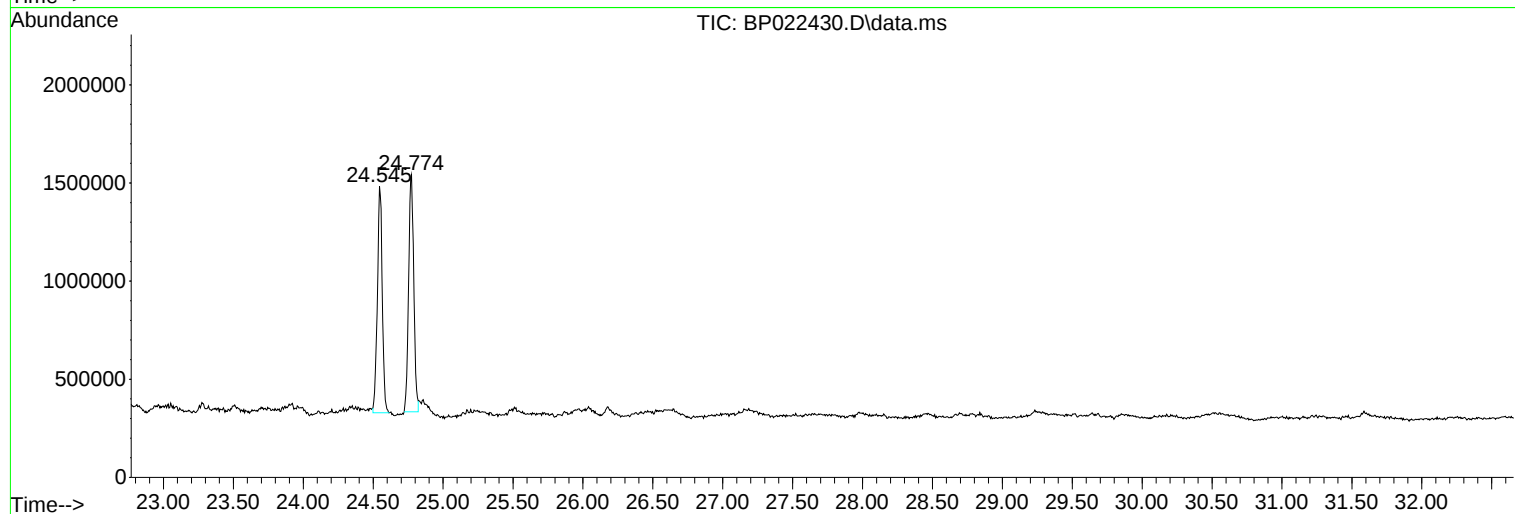
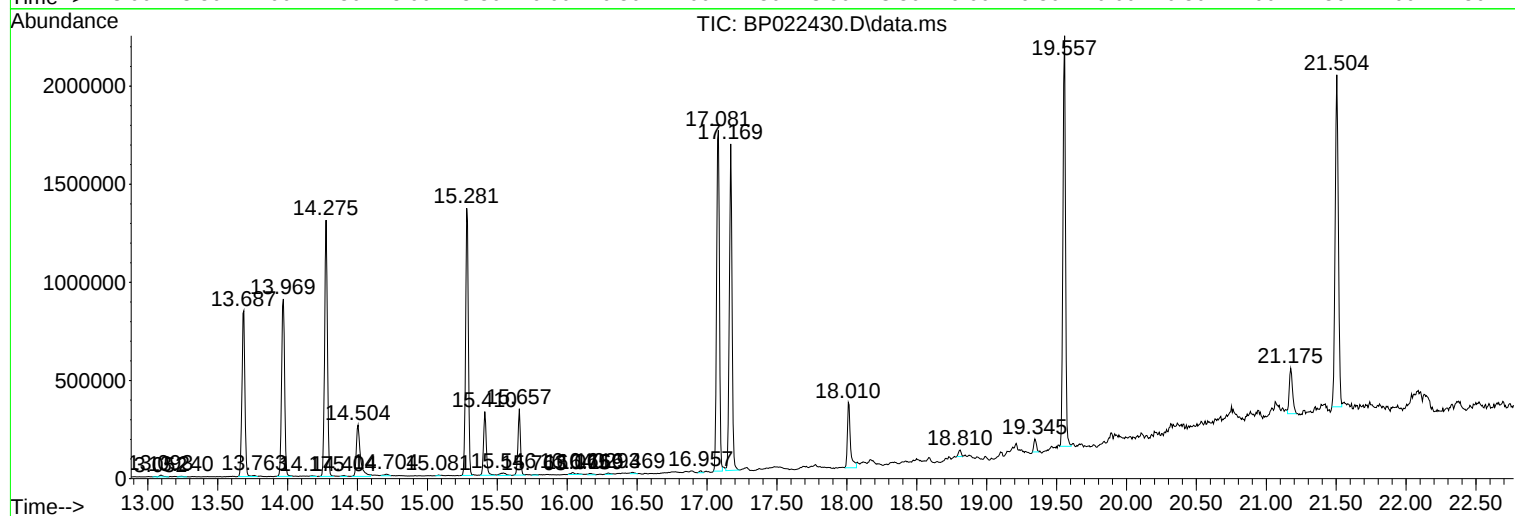
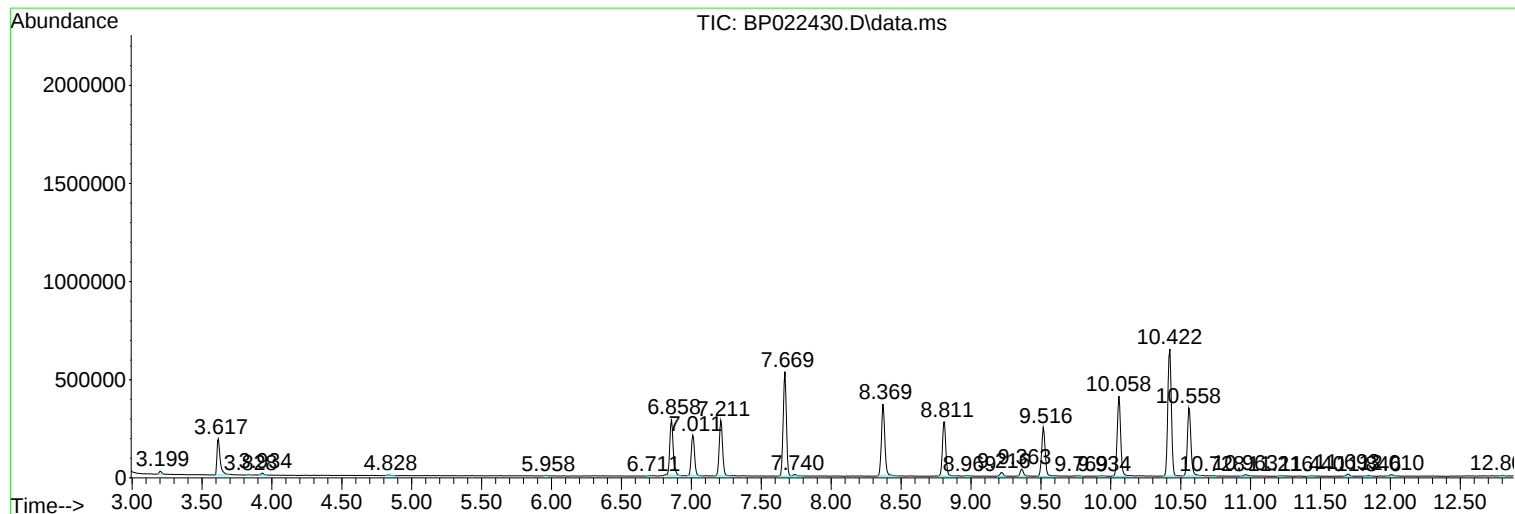
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Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : P4329-04  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4EG5

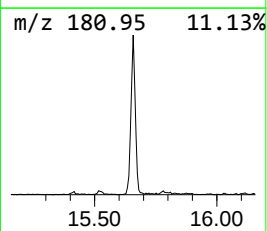
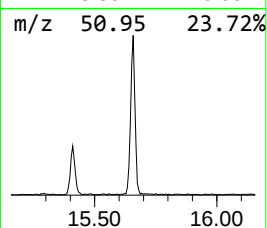
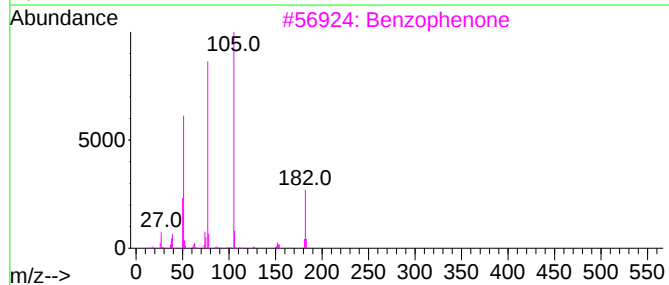
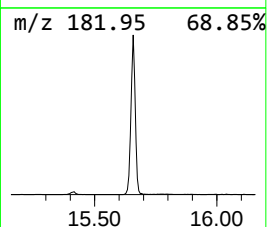
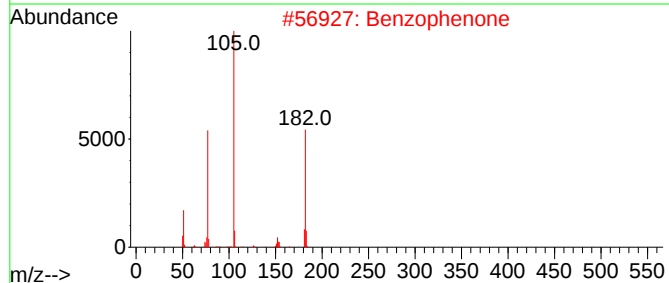
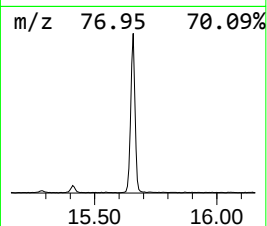
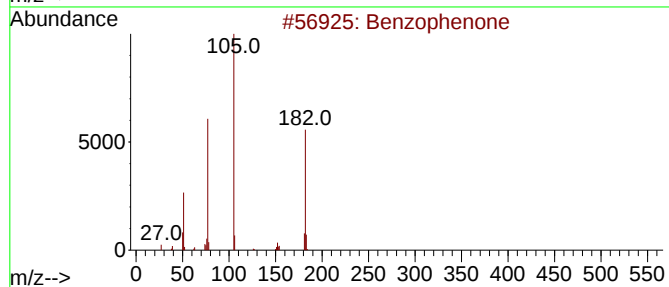
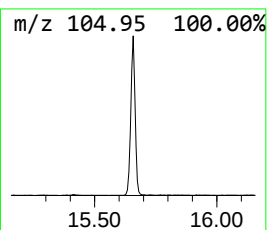
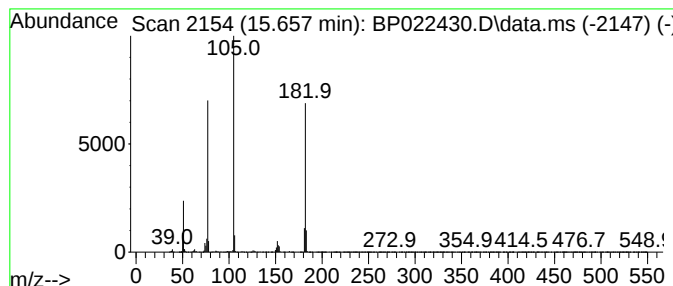
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 15.657 | 4.58 ng/ul | 419194 | Acenaphthene-d10 | 14.275 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 81   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 80   |



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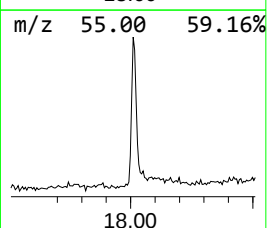
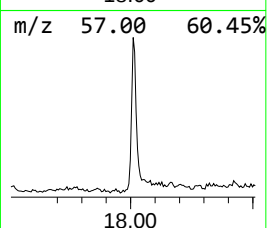
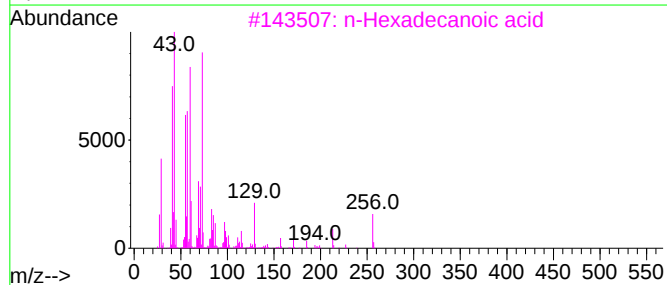
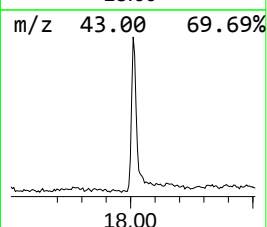
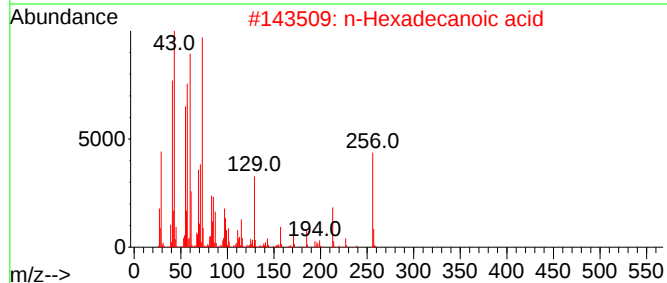
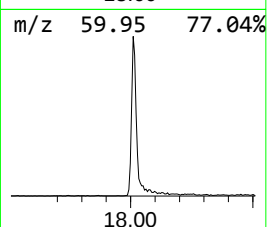
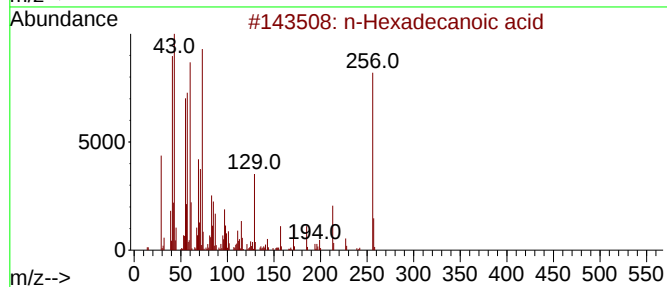
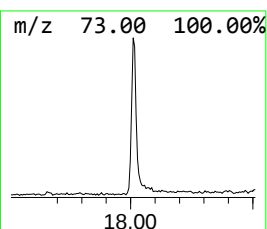
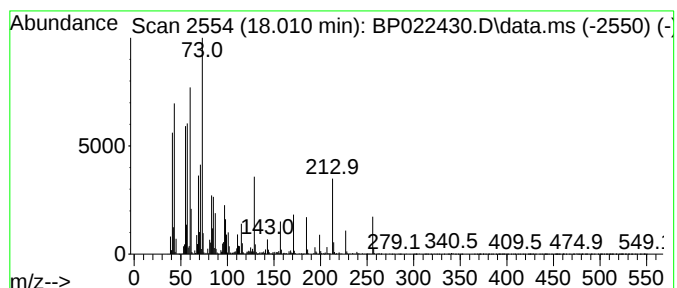
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.010 | 4.18 ng/ul | 510419 | Phenanthrene-d10 | 17.081 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

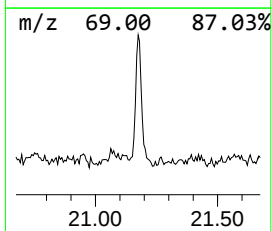
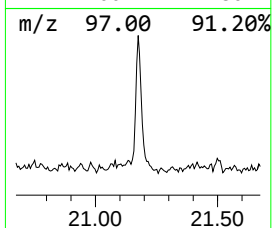
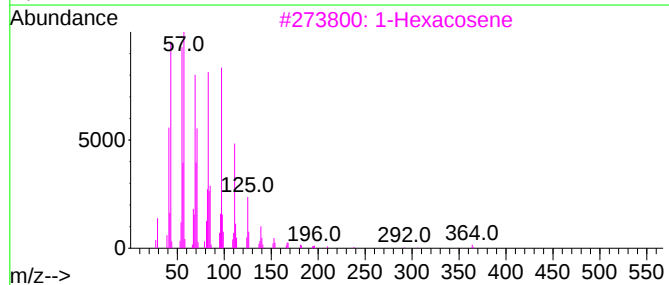
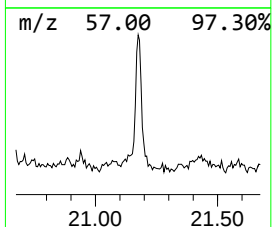
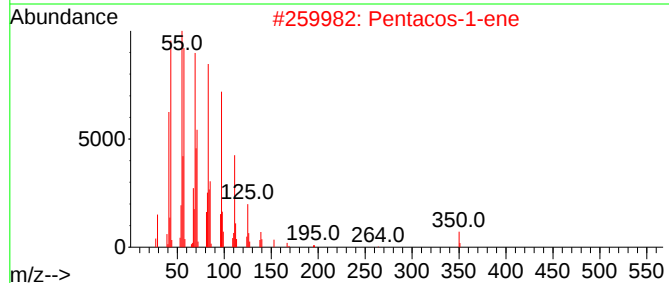
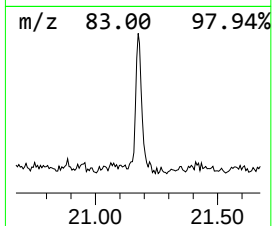
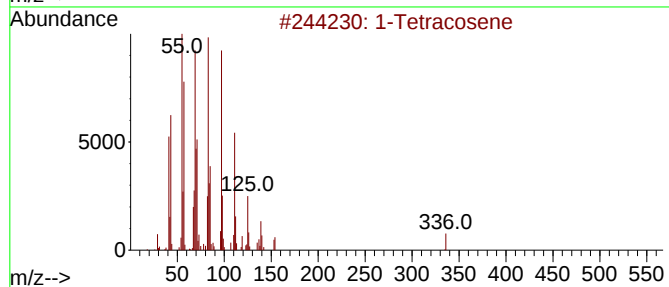
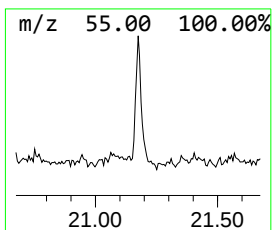
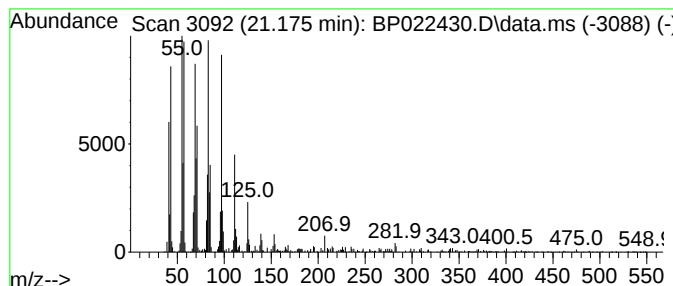
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.175 | 2.78 ng/ul | 380245 | Chrysene-d12     | 21.504 |

| Hit# | of 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------|--------------|-----|---------|-------------|------|
| 1    | 1-Tetracosene  |              | 336 | C24H48  | 010192-32-2 | 99   |
| 2    | Pentacos-1-ene |              | 350 | C25H50  | 016980-85-1 | 96   |
| 3    | 1-Hexacosene   |              | 364 | C26H52  | 018835-33-1 | 94   |
| 4    | Heptacos-1-ene |              | 378 | C27H54  | 015306-27-1 | 94   |
| 5    | Nonacos-1-ene  |              | 406 | C29H58  | 018835-35-3 | 94   |



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A4EG5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.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       | 15.657 | 4.6     | ng/ul | 419194   | 3                     | 14.275 | 1832160 | 20.0 |
| n-Hexadecanoic ... | 18.010 | 4.2     | ng/ul | 510419   | 4                     | 17.081 | 2442630 | 20.0 |
| (DEL) Alkane: S... | 21.175 | 2.8     | ng/ul | 380245   | 5                     | 21.504 | 2737510 | 20.0 |