

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121022\  
 Data File : BM037953.D  
 Acq On : 11 Dec 2022 02:58  
 Operator : CG/JU  
 Sample : N5927-03  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXZ88

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-BM120722.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM037953.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         | 3.416       | 36            | 39          | 46           | rVB      | 42917          | 54871         | 1.17%           | 0.142%        |
| 2         | 3.716       | 88            | 90          | 96           | rBV2     | 11499          | 20550         | 0.44%           | 0.053%        |
| 3         | 3.857       | 111           | 114         | 125          | rBV      | 234328         | 368403        | 7.89%           | 0.952%        |
| 4         | 4.087       | 150           | 153         | 158          | rVB      | 20745          | 28134         | 0.60%           | 0.073%        |
| 5         | 4.193       | 167           | 171         | 179          | rVB2     | 13542          | 20943         | 0.45%           | 0.054%        |
| 6         | 4.734       | 258           | 263         | 270          | rVB2     | 34771          | 50011         | 1.07%           | 0.129%        |
| 7         | 7.228       | 682           | 687         | 697          | rVB      | 182036         | 289491        | 6.20%           | 0.748%        |
| 8         | 7.398       | 709           | 716         | 728          | rBV      | 688012         | 1053477       | 22.56%          | 2.722%        |
| 9         | 7.604       | 743           | 751         | 759          | rBV      | 676387         | 1046228       | 22.40%          | 2.704%        |
| 10        | 8.075       | 823           | 831         | 837          | rBV      | 624289         | 963741        | 20.63%          | 2.491%        |
| 11        | 8.134       | 837           | 841         | 845          | rVB3     | 5387           | 8686          | 0.19%           | 0.022%        |
| 12        | 8.787       | 945           | 952         | 962          | rBV      | 454053         | 739952        | 15.84%          | 1.912%        |
| 13        | 9.251       | 1023          | 1031        | 1041         | rBV      | 778300         | 1286940       | 27.55%          | 3.326%        |
| 14        | 9.410       | 1052          | 1058        | 1060         | rBV6     | 3938           | 5278          | 0.11%           | 0.014%        |
| 15        | 9.639       | 1091          | 1097        | 1103         | rBV7     | 6572           | 11674         | 0.25%           | 0.030%        |
| 16        | 9.975       | 1145          | 1154        | 1166         | rBV      | 588304         | 959909        | 20.55%          | 2.481%        |
| 17        | 10.057      | 1166          | 1168        | 1174         | rVB7     | 2709           | 4921          | 0.11%           | 0.013%        |
| 18        | 10.510      | 1237          | 1245        | 1258         | rBV      | 786740         | 1326048       | 28.39%          | 3.427%        |
| 19        | 10.675      | 1268          | 1273        | 1282         | rVB6     | 7277           | 15121         | 0.32%           | 0.039%        |
| 20        | 10.898      | 1302          | 1311        | 1318         | rBV      | 749080         | 1238470       | 26.52%          | 3.201%        |
| 21        | 11.033      | 1327          | 1334        | 1343         | rBV      | 709697         | 1209887       | 25.90%          | 3.127%        |
| 22        | 11.428      | 1397          | 1401        | 1405         | rVB5     | 3276           | 5257          | 0.11%           | 0.014%        |
| 23        | 11.675      | 1438          | 1443        | 1445         | rBV6     | 4138           | 5569          | 0.12%           | 0.014%        |
| 24        | 12.475      | 1572          | 1579        | 1583         | rBV3     | 15852          | 25726         | 0.55%           | 0.066%        |
| 25        | 13.316      | 1719          | 1722        | 1728         | rVB7     | 5205           | 8241          | 0.18%           | 0.021%        |
| 26        | 13.522      | 1751          | 1757        | 1760         | rVB7     | 3870           | 6946          | 0.15%           | 0.018%        |
| 27        | 13.592      | 1766          | 1769        | 1774         | rVB5     | 6405           | 8937          | 0.19%           | 0.023%        |
| 28        | 14.110      | 1850          | 1857        | 1873         | rBV      | 1358176        | 1904072       | 40.77%          | 4.921%        |
| 29        | 14.333      | 1892          | 1895        | 1900         | rBV6     | 11568          | 22478         | 0.48%           | 0.058%        |
| 30        | 14.404      | 1900          | 1907        | 1917         | rVV      | 1660950        | 2386199       | 51.09%          | 6.167%        |
| 31        | 14.586      | 1935          | 1938        | 1941         | rVB4     | 4451           | 5907          | 0.13%           | 0.015%        |
| 32        | 14.704      | 1952          | 1958        | 1969         | rBV      | 930759         | 1379584       | 29.54%          | 3.565%        |
| 33        | 14.898      | 1982          | 1991        | 2003         | rBV      | 64815          | 153317        | 3.28%           | 0.396%        |
| 34        | 15.110      | 2022          | 2027        | 2034         | rVB10    | 7046           | 17353         | 0.37%           | 0.045%        |
| 35        | 15.327      | 2059          | 2064        | 2068         | rBV4     | 8878           | 11076         | 0.24%           | 0.029%        |
| 36        | 15.486      | 2086          | 2091        | 2094         | rBV      | 10313          | 16231         | 0.35%           | 0.042%        |

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

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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-BM120722.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 15.521 | 2094 | 2097 | 2102 | rVB7 | 7273    | 13959   | 0.30%  | 0.036% |
| 38 | 15.692 | 2120 | 2126 | 2140 | rBV  | 2010514 | 2876454 | 61.59% | 7.433% |
| 39 | 15.810 | 2140 | 2146 | 2161 | rVV  | 478174  | 702433  | 15.04% | 1.815% |
| 40 | 15.927 | 2164 | 2166 | 2172 | rVV5 | 13219   | 20808   | 0.45%  | 0.054% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 41 | 16.027 | 2177 | 2183 | 2184 | rBV6 | 3130 | 4782  | 0.10% | 0.012% |
| 42 | 16.045 | 2184 | 2186 | 2189 | rVB4 | 7530 | 7653  | 0.16% | 0.020% |
| 43 | 16.086 | 2189 | 2193 | 2197 | rBV6 | 5339 | 8034  | 0.17% | 0.021% |
| 44 | 16.221 | 2213 | 2216 | 2220 | rBV6 | 6716 | 11397 | 0.24% | 0.029% |
| 45 | 16.321 | 2230 | 2233 | 2235 | rBV4 | 4734 | 4927  | 0.11% | 0.013% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 16.363 | 2235 | 2240 | 2242 | rVV4 | 9785  | 12455 | 0.27% | 0.032% |
| 47 | 16.392 | 2242 | 2245 | 2250 | rVV5 | 10376 | 18312 | 0.39% | 0.047% |
| 48 | 16.468 | 2254 | 2258 | 2261 | rVB5 | 5591  | 7869  | 0.17% | 0.020% |
| 49 | 16.574 | 2272 | 2276 | 2281 | rVB6 | 8429  | 11925 | 0.26% | 0.031% |
| 50 | 16.904 | 2326 | 2332 | 2333 | rBV6 | 5923  | 9960  | 0.21% | 0.026% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 17.180 | 2374 | 2379 | 2382 | rBV3 | 11565   | 16782   | 0.36%  | 0.043% |
| 52 | 17.227 | 2382 | 2387 | 2392 | rVB9 | 7483    | 13431   | 0.29%  | 0.035% |
| 53 | 17.345 | 2402 | 2407 | 2412 | rVB3 | 20355   | 28346   | 0.61%  | 0.073% |
| 54 | 17.445 | 2418 | 2424 | 2432 | rBV  | 1090169 | 1508167 | 32.29% | 3.897% |
| 55 | 17.545 | 2435 | 2441 | 2458 | rVB  | 2353289 | 3282665 | 70.28% | 8.483% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 56 | 17.715 | 2466 | 2470 | 2477 | rBV  | 30058  | 47485  | 1.02% | 0.123% |
| 57 | 17.821 | 2482 | 2488 | 2493 | rBV8 | 8506   | 21366  | 0.46% | 0.055% |
| 58 | 18.098 | 2531 | 2535 | 2539 | rVB2 | 28293  | 36119  | 0.77% | 0.093% |
| 59 | 18.268 | 2562 | 2564 | 2568 | rBV5 | 5369   | 6756   | 0.14% | 0.017% |
| 60 | 18.321 | 2568 | 2573 | 2578 | rBV2 | 102871 | 154721 | 3.31% | 0.400% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 18.398 | 2582 | 2586 | 2590 | rVB  | 70747 | 84749 | 1.81% | 0.219% |
| 62 | 18.745 | 2641 | 2645 | 2647 | rBV5 | 14885 | 18569 | 0.40% | 0.048% |
| 63 | 18.915 | 2671 | 2674 | 2680 | rBV6 | 13202 | 22319 | 0.48% | 0.058% |
| 64 | 19.080 | 2700 | 2702 | 2706 | rVB3 | 14632 | 13906 | 0.30% | 0.036% |
| 65 | 19.168 | 2714 | 2717 | 2722 | rVB3 | 17554 | 18328 | 0.39% | 0.047% |

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 66 | 19.392 | 2751 | 2755 | 2759 | rBV3 | 32680   | 46460   | 0.99%  | 0.120%  |
| 67 | 19.462 | 2763 | 2767 | 2770 | rBV  | 29477   | 46227   | 0.99%  | 0.119%  |
| 68 | 19.586 | 2784 | 2788 | 2798 | rBV3 | 81704   | 127266  | 2.72%  | 0.329%  |
| 69 | 19.827 | 2823 | 2829 | 2836 | rBV  | 3279305 | 4122595 | 88.27% | 10.654% |
| 70 | 21.297 | 3076 | 3079 | 3086 | rBV2 | 127857  | 187326  | 4.01%  | 0.484%  |

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 71 | 21.615 | 3128 | 3133 | 3141 | rBV  | 1361988 | 1825655 | 39.09%  | 4.718%  |
| 72 | 23.933 | 3520 | 3527 | 3542 | rVB2 | 2257469 | 4670615 | 100.00% | 12.070% |
| 73 | 24.091 | 3548 | 3554 | 3567 | rVB2 | 957530  | 2025467 | 43.37%  | 5.234%  |

Sum of corrected areas: 38695916



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Instrument :  
BNA\_M  
ClientSampleId :  
EXZ88

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120722.M  
Quant Title : SVOA CALIBRATION

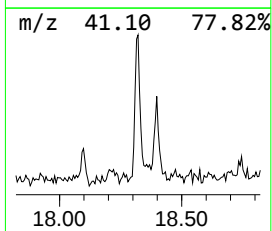
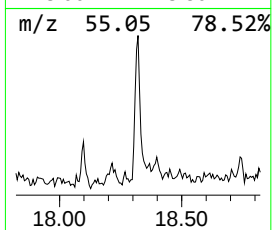
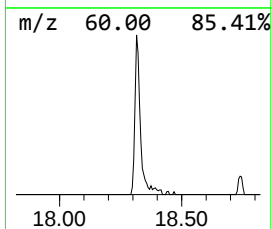
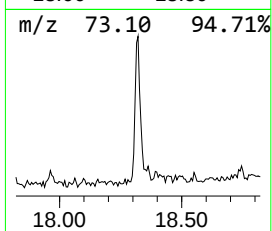
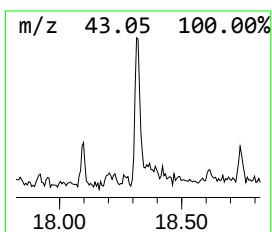
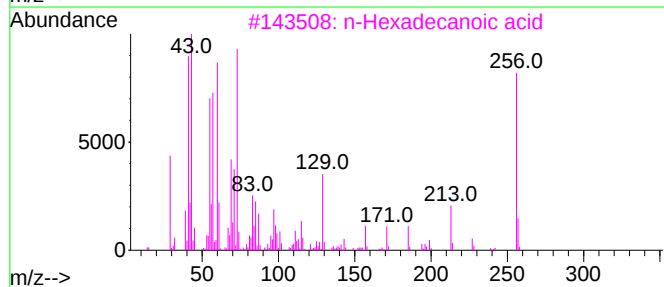
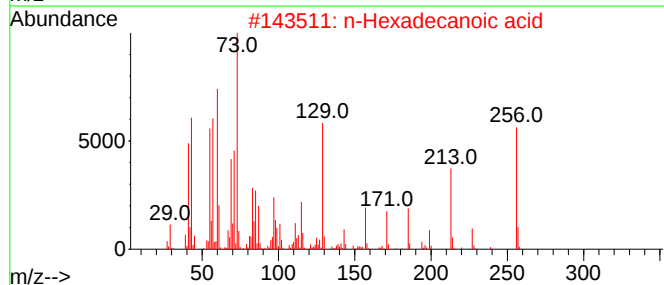
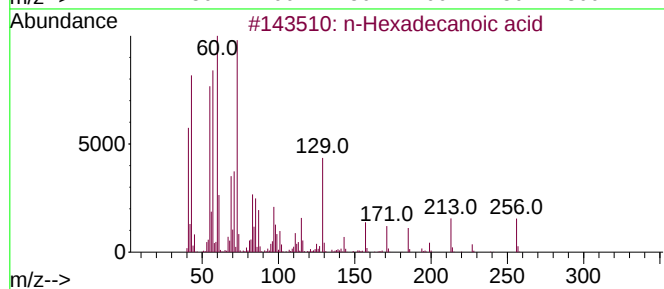
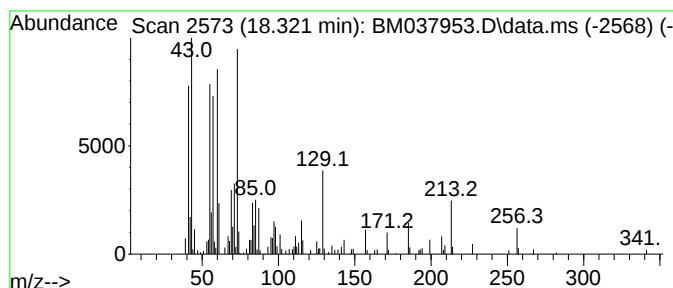
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.321 | 2.05 ng/ul | 154721 | Phenanthrene-d10 | 17.445 |

| 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 | 90   |



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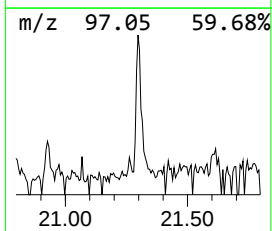
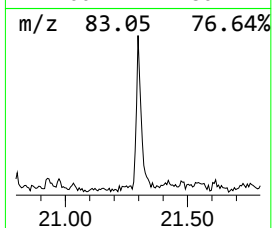
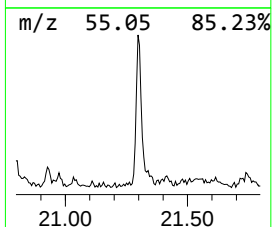
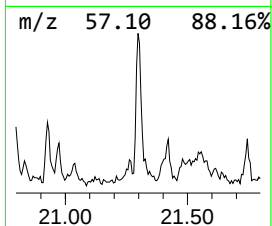
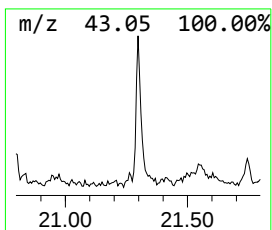
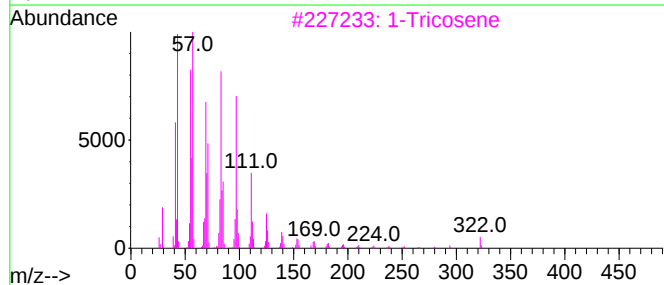
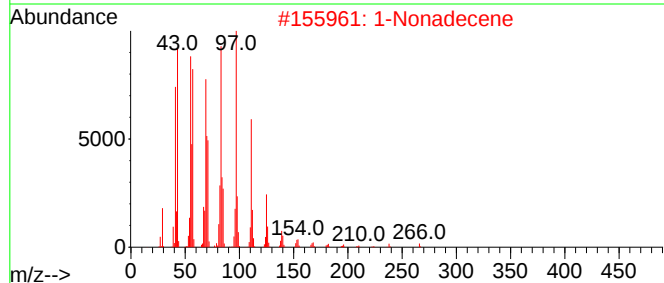
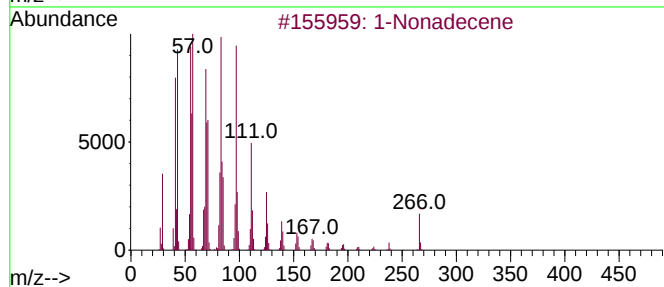
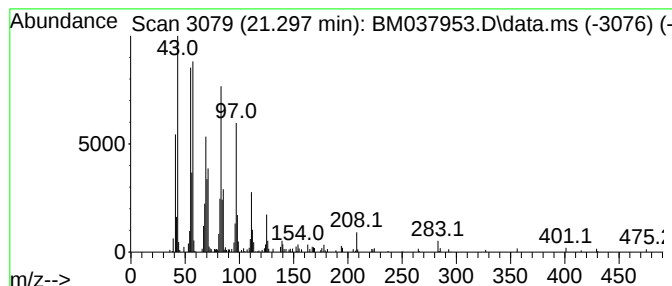
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD |             | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|-------------|------|
| 21.297    | 2.05 ng/ul                          | 187326 | Chrysene-d12     |             | 21.615      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm     | CAS#        | Qual |
| 1         | 1-Nonadecene                        |        | 266              | C19H38      | 018435-45-5 | 98   |
| 2         | 1-Nonadecene                        |        | 266              | C19H38      | 018435-45-5 | 97   |
| 3         | 1-Tricosene                         |        | 322              | C23H46      | 018835-32-0 | 93   |
| 4         | 1-Heneicosyl formate                |        | 340              | C22H44O2    | 077899-03-7 | 93   |
| 5         | Trichloroacetic acid, pentadecyl... |        | 372              | C17H31Cl3O2 | 074339-53-0 | 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 |
| n-Hexadecanoic ... | 18.321 | 2.0     | ng/ul | 154721   | 4                     | 17.445 | 1508170 | 20.0 |
| (DEL) Alkane: S... | 21.297 | 2.0     | ng/ul | 187326   | 5                     | 21.615 | 1825660 | 20.0 |