

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050124\  
 Data File : BN031360.D  
 Acq On : 01 May 2024 23:11  
 Operator : MA/JU  
 Sample : P2104-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AA7

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\_N\Methods\SFAM-EPA-BN042924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN031360.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         | 3.134       | 22            | 25          | 33           | rVB      | 27894          | 39963         | 1.69%           | 0.151%        |
| 2         | 3.411       | 70            | 72          | 80           | rBV      | 8100           | 13486         | 0.57%           | 0.051%        |
| 3         | 3.558       | 92            | 97          | 107          | rBV3     | 48297          | 88524         | 3.75%           | 0.334%        |
| 4         | 3.646       | 107           | 112         | 120          | rVB      | 71135          | 100148        | 4.24%           | 0.378%        |
| 5         | 3.846       | 143           | 146         | 152          | rVB2     | 9888           | 15794         | 0.67%           | 0.060%        |
| 6         | 4.399       | 236           | 240         | 245          | rVB3     | 11504          | 16344         | 0.69%           | 0.062%        |
| 7         | 4.746       | 295           | 299         | 306          | rBV      | 6977           | 12975         | 0.55%           | 0.049%        |
| 8         | 4.852       | 312           | 317         | 322          | rBV4     | 11081          | 18483         | 0.78%           | 0.070%        |
| 9         | 5.634       | 446           | 450         | 455          | rBV7     | 6310           | 10474         | 0.44%           | 0.040%        |
| 10        | 6.222       | 546           | 550         | 555          | rBV5     | 4315           | 8176          | 0.35%           | 0.031%        |
| 11        | 6.275       | 555           | 559         | 563          | rBV4     | 4377           | 7297          | 0.31%           | 0.028%        |
| 12        | 6.616       | 612           | 617         | 620          | rBV6     | 3436           | 5914          | 0.25%           | 0.022%        |
| 13        | 6.793       | 640           | 647         | 655          | rVV      | 200281         | 325466        | 13.79%          | 1.230%        |
| 14        | 6.957       | 667           | 675         | 685          | rBV      | 512012         | 804138        | 34.07%          | 3.038%        |
| 15        | 7.146       | 700           | 707         | 715          | rBV      | 244924         | 382270        | 16.20%          | 1.444%        |
| 16        | 7.228       | 716           | 721         | 726          | rVB3     | 11536          | 19055         | 0.81%           | 0.072%        |
| 17        | 7.610       | 775           | 786         | 794          | rBV      | 706591         | 1106172       | 46.87%          | 4.180%        |
| 18        | 8.316       | 900           | 906         | 920          | rBV      | 281938         | 491524        | 20.83%          | 1.857%        |
| 19        | 8.434       | 922           | 926         | 930          | rVB4     | 4546           | 7170          | 0.30%           | 0.027%        |
| 20        | 8.769       | 976           | 983         | 989          | rBV      | 627485         | 1038079       | 43.99%          | 3.922%        |
| 21        | 8.822       | 989           | 992         | 997          | rVB2     | 14285          | 20258         | 0.86%           | 0.077%        |
| 22        | 8.928       | 1006          | 1010        | 1017         | rVB8     | 6639           | 12610         | 0.53%           | 0.048%        |
| 23        | 9.157       | 1042          | 1049        | 1053         | rBV      | 6934           | 11581         | 0.49%           | 0.044%        |
| 24        | 9.334       | 1075          | 1079        | 1084         | rVB4     | 8671           | 11820         | 0.50%           | 0.045%        |
| 25        | 9.481       | 1096          | 1104        | 1112         | rBV      | 476936         | 749643        | 31.76%          | 2.832%        |
| 26        | 9.722       | 1139          | 1145        | 1150         | rVV8     | 4972           | 13619         | 0.58%           | 0.051%        |
| 27        | 9.781       | 1152          | 1155        | 1164         | rVB6     | 5313           | 9890          | 0.42%           | 0.037%        |
| 28        | 10.016      | 1189          | 1195        | 1205         | rBV      | 212310         | 353014        | 14.96%          | 1.334%        |
| 29        | 10.193      | 1215          | 1225        | 1226         | rBV5     | 4566           | 8810          | 0.37%           | 0.033%        |
| 30        | 10.387      | 1247          | 1258        | 1266         | rBV      | 761281         | 1306992       | 55.38%          | 4.938%        |
| 31        | 10.534      | 1277          | 1283        | 1301         | rVB      | 180973         | 354045        | 15.00%          | 1.338%        |
| 32        | 10.751      | 1315          | 1320        | 1324         | rBV4     | 4978           | 8795          | 0.37%           | 0.033%        |
| 33        | 10.922      | 1343          | 1349        | 1353         | rVB7     | 4545           | 7603          | 0.32%           | 0.029%        |
| 34        | 11.140      | 1378          | 1386        | 1392         | rBV5     | 9740           | 25334         | 1.07%           | 0.096%        |
| 35        | 11.222      | 1399          | 1400        | 1408         | rVB6     | 2945           | 5646          | 0.24%           | 0.021%        |
| 36        | 11.398      | 1423          | 1430        | 1436         | rVB8     | 5468           | 10647         | 0.45%           | 0.040%        |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 C0AA7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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\_N\Methods\SFAM-EPA-BN042924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 11.810 | 1495 | 1500 | 1508 | rBV2 | 16497   | 28555   | 1.21%  | 0.108% |
| 38 | 11.898 | 1510 | 1515 | 1520 | rBV6 | 5778    | 11266   | 0.48%  | 0.043% |
| 39 | 12.204 | 1562 | 1567 | 1568 | rBV4 | 3848    | 5857    | 0.25%  | 0.022% |
| 40 | 12.781 | 1661 | 1665 | 1669 | rVB6 | 5907    | 9371    | 0.40%  | 0.035% |
| 41 | 13.075 | 1710 | 1715 | 1720 | rBV2 | 25061   | 36658   | 1.55%  | 0.139% |
| 42 | 13.151 | 1724 | 1728 | 1736 | rVB5 | 11686   | 21587   | 0.91%  | 0.082% |
| 43 | 13.675 | 1811 | 1817 | 1824 | rBV  | 1421954 | 1979041 | 83.86% | 7.478% |
| 44 | 13.739 | 1825 | 1828 | 1831 | rVB2 | 11110   | 14767   | 0.63%  | 0.056% |
| 45 | 13.781 | 1832 | 1835 | 1840 | rBV6 | 3993    | 5239    | 0.22%  | 0.020% |
| 46 | 13.951 | 1855 | 1864 | 1875 | rBV  | 585923  | 904165  | 38.31% | 3.416% |
| 47 | 14.157 | 1894 | 1899 | 1904 | rVB  | 27508   | 38408   | 1.63%  | 0.145% |
| 48 | 14.257 | 1910 | 1916 | 1923 | rBV  | 1342091 | 1943564 | 82.35% | 7.344% |
| 49 | 14.316 | 1924 | 1926 | 1930 | rVB5 | 6742    | 6241    | 0.26%  | 0.024% |
| 50 | 14.481 | 1946 | 1954 | 1968 | rBV2 | 209708  | 421169  | 17.85% | 1.591% |
| 51 | 14.669 | 1982 | 1986 | 1987 | rBV4 | 4914    | 5315    | 0.23%  | 0.020% |
| 52 | 14.781 | 2002 | 2005 | 2012 | rVB8 | 7641    | 13832   | 0.59%  | 0.052% |
| 53 | 15.063 | 2047 | 2053 | 2055 | rBV5 | 6357    | 11310   | 0.48%  | 0.043% |
| 54 | 15.116 | 2056 | 2062 | 2067 | rVB2 | 29923   | 41326   | 1.75%  | 0.156% |
| 55 | 15.257 | 2080 | 2086 | 2092 | rBV  | 917841  | 1290683 | 54.69% | 4.877% |
| 56 | 15.310 | 2092 | 2095 | 2099 | rVV  | 17673   | 26998   | 1.14%  | 0.102% |
| 57 | 15.381 | 2102 | 2107 | 2116 | rVV  | 575758  | 809707  | 34.31% | 3.059% |
| 58 | 15.469 | 2120 | 2122 | 2125 | rVV4 | 6084    | 7739    | 0.33%  | 0.029% |
| 59 | 15.522 | 2129 | 2131 | 2136 | rVB4 | 12031   | 15945   | 0.68%  | 0.060% |
| 60 | 15.604 | 2141 | 2145 | 2148 | rBV6 | 9032    | 13756   | 0.58%  | 0.052% |
| 61 | 15.751 | 2163 | 2170 | 2172 | rBV6 | 11222   | 21551   | 0.91%  | 0.081% |
| 62 | 15.822 | 2178 | 2182 | 2187 | rBV6 | 8148    | 12652   | 0.54%  | 0.048% |
| 63 | 15.992 | 2205 | 2211 | 2217 | rBV4 | 48433   | 105135  | 4.45%  | 0.397% |
| 64 | 16.045 | 2217 | 2220 | 2224 | rVB5 | 7135    | 10600   | 0.45%  | 0.040% |
| 65 | 16.239 | 2248 | 2253 | 2255 | rBV6 | 4115    | 5823    | 0.25%  | 0.022% |
| 66 | 16.316 | 2260 | 2266 | 2271 | rBV9 | 12351   | 25765   | 1.09%  | 0.097% |
| 67 | 16.416 | 2281 | 2283 | 2291 | rVB8 | 9321    | 18066   | 0.77%  | 0.068% |
| 68 | 16.586 | 2310 | 2312 | 2315 | rVB4 | 6486    | 6872    | 0.29%  | 0.026% |
| 69 | 16.616 | 2315 | 2317 | 2321 | rVB5 | 4837    | 6019    | 0.26%  | 0.023% |
| 70 | 16.669 | 2321 | 2326 | 2329 | rBV4 | 14412   | 23234   | 0.98%  | 0.088% |
| 71 | 16.751 | 2335 | 2340 | 2341 | rBV5 | 8566    | 11763   | 0.50%  | 0.044% |
| 72 | 16.775 | 2341 | 2344 | 2350 | rVV3 | 24346   | 43090   | 1.83%  | 0.163% |
| 73 | 16.822 | 2350 | 2352 | 2357 | rVB4 | 18094   | 22750   | 0.96%  | 0.086% |
| 74 | 16.933 | 2365 | 2371 | 2375 | rBV9 | 9382    | 18709   | 0.79%  | 0.071% |
| 75 | 17.010 | 2378 | 2384 | 2390 | rBV  | 1398642 | 1943813 | 82.36% | 7.345% |
| 76 | 17.110 | 2395 | 2401 | 2406 | rBV  | 633540  | 930162  | 39.41% | 3.515% |

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Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AA7

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\_N\Methods\SFAM-EPA-BN042924.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 17.204 | 2412 | 2417 | 2422 | rVB3 | 16810   | 24636   | 1.04%   | 0.093% |
| 78  | 17.298 | 2431 | 2433 | 2435 | rBV2 | 7078    | 7682    | 0.33%   | 0.029% |
| 79  | 17.422 | 2450 | 2454 | 2462 | rVB5 | 13098   | 27729   | 1.17%   | 0.105% |
| 80  | 17.516 | 2466 | 2470 | 2471 | rBV  | 26262   | 26697   | 1.13%   | 0.101% |
| 81  | 17.686 | 2495 | 2499 | 2502 | rBV6 | 16369   | 25559   | 1.08%   | 0.097% |
| 82  | 17.916 | 2532 | 2538 | 2548 | rBV  | 195265  | 326703  | 13.84%  | 1.234% |
| 83  | 18.210 | 2584 | 2588 | 2592 | rBV2 | 29993   | 40212   | 1.70%   | 0.152% |
| 84  | 18.345 | 2607 | 2611 | 2615 | rBV2 | 43374   | 48321   | 2.05%   | 0.183% |
| 85  | 18.398 | 2615 | 2620 | 2623 | rVV  | 42533   | 57608   | 2.44%   | 0.218% |
| 86  | 18.439 | 2623 | 2627 | 2631 | rVB  | 31159   | 44667   | 1.89%   | 0.169% |
| 87  | 18.845 | 2694 | 2696 | 2701 | rVB2 | 23708   | 26506   | 1.12%   | 0.100% |
| 88  | 18.957 | 2711 | 2715 | 2722 | rVB2 | 37059   | 68764   | 2.91%   | 0.260% |
| 89  | 19.080 | 2729 | 2736 | 2743 | rBV2 | 59038   | 110494  | 4.68%   | 0.417% |
| 90  | 19.204 | 2753 | 2757 | 2765 | rVB3 | 113979  | 163874  | 6.94%   | 0.619% |
| 91  | 19.416 | 2787 | 2793 | 2800 | rBV  | 925513  | 1322730 | 56.05%  | 4.998% |
| 92  | 19.763 | 2850 | 2852 | 2855 | rBV4 | 22370   | 25113   | 1.06%   | 0.095% |
| 93  | 19.945 | 2880 | 2883 | 2885 | rBV2 | 32659   | 40669   | 1.72%   | 0.154% |
| 94  | 19.969 | 2885 | 2887 | 2891 | rVB2 | 52641   | 49251   | 2.09%   | 0.186% |
| 95  | 20.463 | 2969 | 2971 | 2975 | rVB3 | 54577   | 59729   | 2.53%   | 0.226% |
| 96  | 20.686 | 3006 | 3009 | 3016 | rBV2 | 91043   | 144752  | 6.13%   | 0.547% |
| 97  | 20.945 | 3049 | 3053 | 3059 | rBV5 | 102111  | 226950  | 9.62%   | 0.858% |
| 98  | 21.245 | 3099 | 3104 | 3111 | rBV  | 1668381 | 2360020 | 100.00% | 8.917% |
| 99  | 23.933 | 3555 | 3561 | 3571 | rVB2 | 401041  | 907116  | 38.44%  | 3.427% |
| 100 | 24.133 | 3588 | 3595 | 3605 | rVB2 | 835785  | 2039876 | 86.43%  | 7.708% |

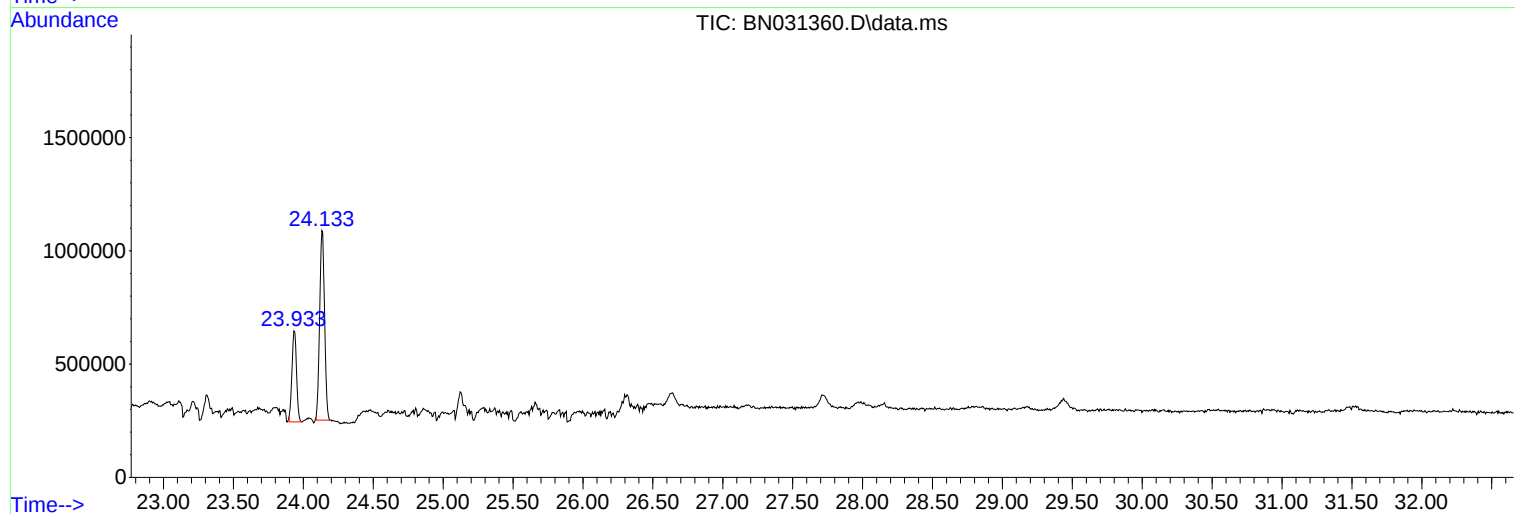
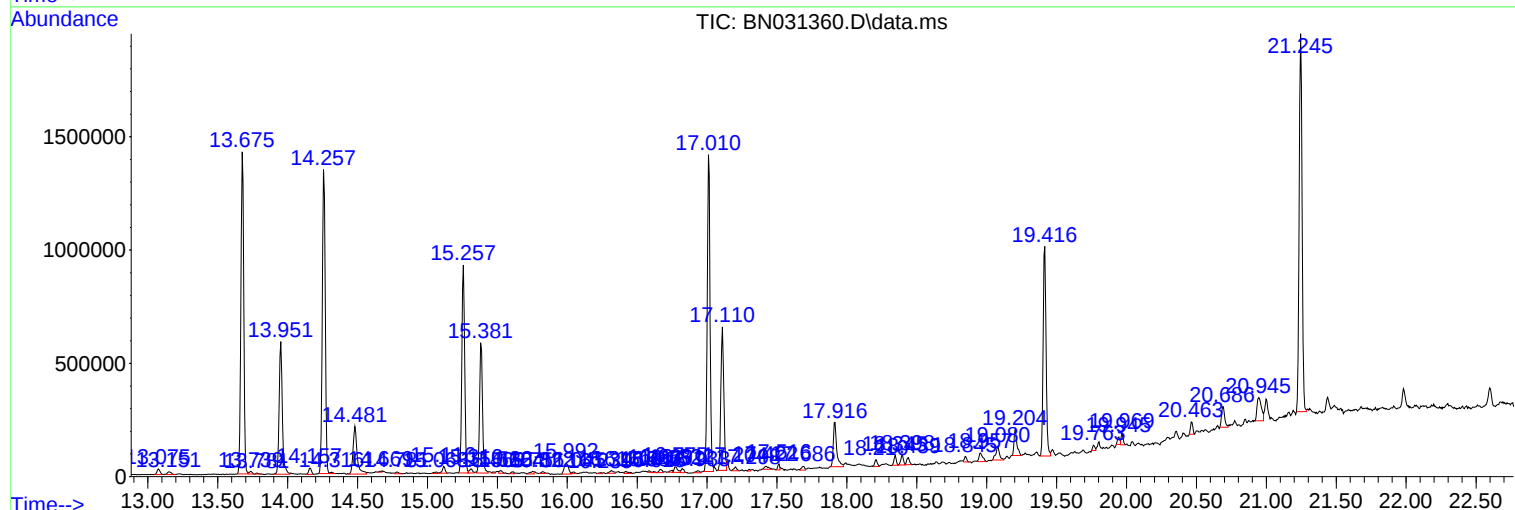
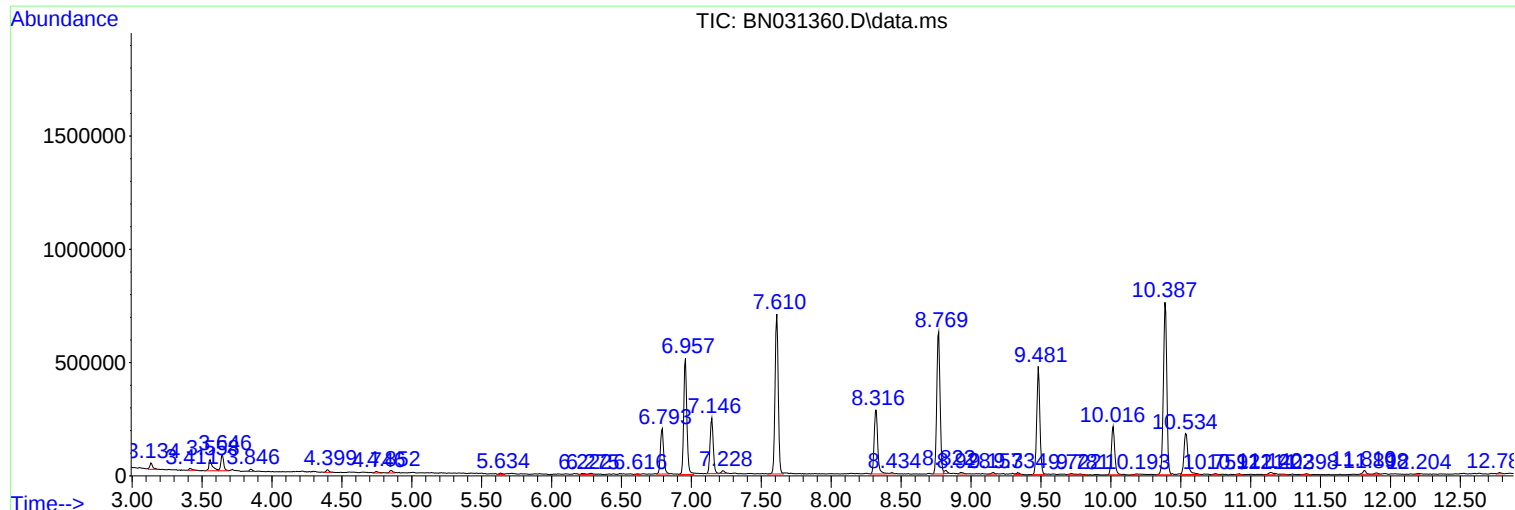
Sum of corrected areas: 26465920

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN042924.MA.M  
Quant Title : SVOA CALIBRATION

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



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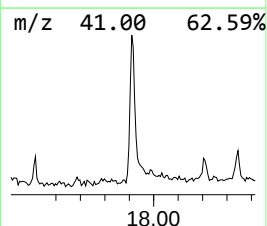
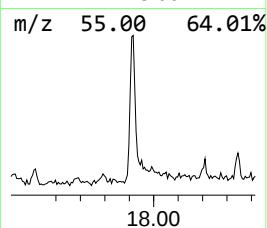
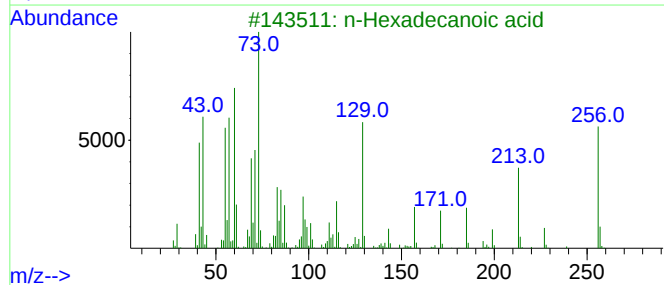
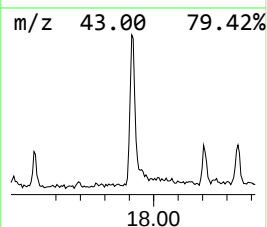
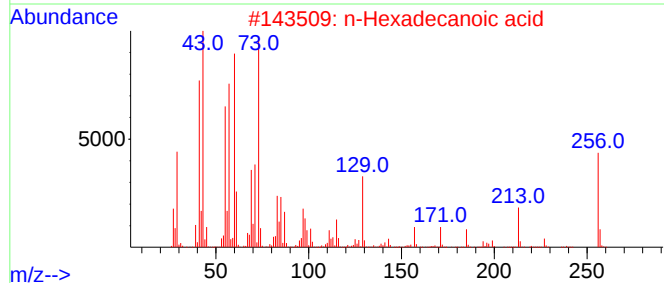
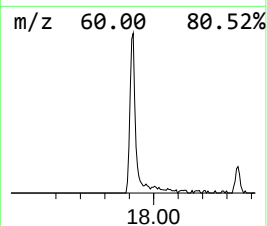
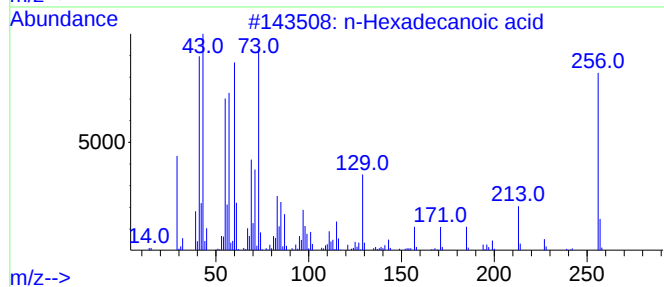
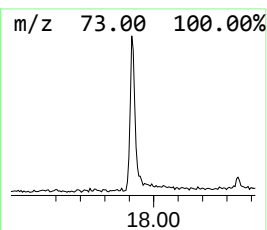
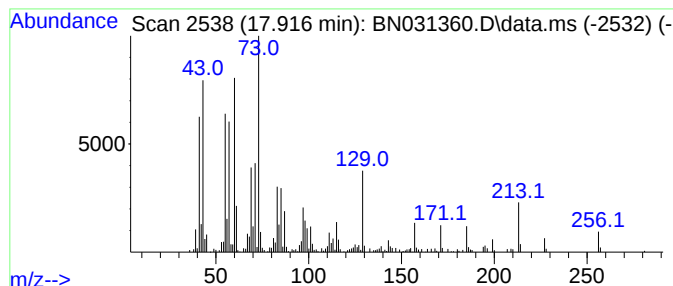
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN042924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.916 | 3.36 ng/ul | 326703 | Phenanthrene-d10 | 17.010 |

| 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 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 17.916 | 3.4     | ng/ul | 326703   | 4                     | 17.010 | 1943810 | 20.0 |