

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120723\  
 Data File : BP018685.D  
 Acq On : 07 Dec 2023 21:59  
 Operator : MA/JU  
 Sample : 05459-15  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AK1

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-BP120123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018685.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         | 3.264       | 26            | 30          | 38           | rVB      | 62367          | 80876         | 0.97%           | 0.124%        |
| 2         | 3.681       | 97            | 101         | 115          | rBV      | 798022         | 1120460       | 13.41%          | 1.714%        |
| 3         | 4.017       | 154           | 158         | 161          | rVB2     | 17775          | 21750         | 0.26%           | 0.033%        |
| 4         | 6.058       | 499           | 505         | 507          | rBV2     | 5810           | 11124         | 0.13%           | 0.017%        |
| 5         | 6.158       | 515           | 522         | 523          | rBV      | 6588           | 12285         | 0.15%           | 0.019%        |
| 6         | 7.011       | 661           | 667         | 675          | rBV      | 850341         | 1332152       | 15.94%          | 2.037%        |
| 7         | 7.140       | 686           | 689         | 690          | rBV2     | 11990          | 14128         | 0.17%           | 0.022%        |
| 8         | 7.181       | 690           | 696         | 704          | rVB      | 806634         | 1220604       | 14.61%          | 1.867%        |
| 9         | 7.375       | 722           | 729         | 738          | rVV      | 949071         | 1469289       | 17.58%          | 2.247%        |
| 10        | 7.452       | 738           | 742         | 750          | rVB3     | 21603          | 43249         | 0.52%           | 0.066%        |
| 11        | 7.846       | 802           | 809         | 817          | rBV      | 923474         | 1430585       | 17.12%          | 2.188%        |
| 12        | 7.910       | 817           | 820         | 823          | rVB3     | 6767           | 9593          | 0.11%           | 0.015%        |
| 13        | 8.557       | 921           | 930         | 941          | rBV      | 1166068        | 1850746       | 22.15%          | 2.831%        |
| 14        | 9.005       | 999           | 1006        | 1016         | rVB      | 800618         | 1273829       | 15.24%          | 1.948%        |
| 15        | 9.181       | 1026          | 1036        | 1038         | rBV2     | 14614          | 28533         | 0.34%           | 0.044%        |
| 16        | 9.422       | 1073          | 1077        | 1082         | rVB7     | 5814           | 9286          | 0.11%           | 0.014%        |
| 17        | 9.728       | 1122          | 1129        | 1136         | rBV      | 591553         | 968980        | 11.60%          | 1.482%        |
| 18        | 10.152      | 1196          | 1201        | 1208         | rVB5     | 9157           | 15435         | 0.18%           | 0.024%        |
| 19        | 10.263      | 1212          | 1220        | 1231         | rBV      | 1096055        | 1811909       | 21.68%          | 2.771%        |
| 20        | 10.640      | 1277          | 1284        | 1292         | rVV      | 1112430        | 1876153       | 22.45%          | 2.869%        |
| 21        | 10.781      | 1301          | 1308        | 1321         | rVB      | 1095837        | 1831640       | 21.92%          | 2.801%        |
| 22        | 11.434      | 1415          | 1419        | 1423         | rBV4     | 5533           | 9167          | 0.11%           | 0.014%        |
| 23        | 12.134      | 1535          | 1538        | 1544         | rBV4     | 6796           | 13263         | 0.16%           | 0.020%        |
| 24        | 12.228      | 1549          | 1554        | 1559         | rVB2     | 31705          | 48839         | 0.58%           | 0.075%        |
| 25        | 13.381      | 1743          | 1750        | 1757         | rBV      | 91584          | 149604        | 1.79%           | 0.229%        |
| 26        | 13.704      | 1800          | 1805        | 1810         | rBV3     | 7088           | 11818         | 0.14%           | 0.018%        |
| 27        | 13.798      | 1817          | 1821        | 1823         | rBV5     | 5682           | 9199          | 0.11%           | 0.014%        |
| 28        | 13.893      | 1830          | 1837        | 1843         | rBV      | 1980100        | 2739423       | 32.78%          | 4.190%        |
| 29        | 14.169      | 1876          | 1884        | 1893         | rBV      | 2337697        | 3337763       | 39.94%          | 5.105%        |
| 30        | 14.475      | 1928          | 1936        | 1945         | rBV      | 1642128        | 2408411       | 28.82%          | 3.683%        |
| 31        | 14.675      | 1965          | 1970        | 1982         | rBV2     | 209651         | 366332        | 4.38%           | 0.560%        |
| 32        | 14.892      | 2003          | 2007        | 2012         | rBV5     | 16606          | 23962         | 0.29%           | 0.037%        |
| 33        | 15.028      | 2027          | 2030        | 2033         | rBV4     | 6113           | 9220          | 0.11%           | 0.014%        |
| 34        | 15.298      | 2074          | 2076        | 2079         | rVB2     | 9754           | 8998          | 0.11%           | 0.014%        |
| 35        | 15.469      | 2098          | 2105        | 2116         | rBV      | 3174113        | 4447557       | 53.22%          | 6.802%        |
| 36        | 15.587      | 2119          | 2125        | 2134         | rVB      | 167569         | 252091        | 3.02%           | 0.386%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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-BP120123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.710 | 2141 | 2146 | 2149 | rBV4 | 15563   | 22747   | 0.27%   | 0.035%  |
| 38 | 16.592 | 2292 | 2296 | 2299 | rVB  | 14037   | 16198   | 0.19%   | 0.025%  |
| 39 | 16.628 | 2299 | 2302 | 2304 | rBV  | 16999   | 18881   | 0.23%   | 0.029%  |
| 40 | 16.716 | 2311 | 2317 | 2318 | rBV5 | 14147   | 24276   | 0.29%   | 0.037%  |
| 41 | 16.992 | 2360 | 2364 | 2370 | rBV3 | 8977    | 22806   | 0.27%   | 0.035%  |
| 42 | 17.145 | 2387 | 2390 | 2393 | rVB4 | 7782    | 9766    | 0.12%   | 0.015%  |
| 43 | 17.222 | 2397 | 2403 | 2412 | rBV  | 2181219 | 3112414 | 37.25%  | 4.760%  |
| 44 | 17.322 | 2414 | 2420 | 2431 | rBV  | 3733745 | 5178641 | 61.97%  | 7.920%  |
| 45 | 17.892 | 2515 | 2517 | 2521 | rVB4 | 11319   | 13665   | 0.16%   | 0.021%  |
| 46 | 17.986 | 2530 | 2533 | 2541 | rBV9 | 14341   | 34869   | 0.42%   | 0.053%  |
| 47 | 18.116 | 2550 | 2555 | 2564 | rBV  | 360855  | 500471  | 5.99%   | 0.765%  |
| 48 | 18.186 | 2564 | 2567 | 2573 | rVB  | 29106   | 42788   | 0.51%   | 0.065%  |
| 49 | 19.133 | 2725 | 2728 | 2733 | rBV3 | 55585   | 69546   | 0.83%   | 0.106%  |
| 50 | 19.204 | 2736 | 2740 | 2743 | rBV  | 110585  | 142830  | 1.71%   | 0.218%  |
| 51 | 19.345 | 2760 | 2764 | 2771 | rBV  | 175501  | 243698  | 2.92%   | 0.373%  |
| 52 | 19.557 | 2795 | 2800 | 2806 | rBV  | 5388886 | 7186415 | 86.00%  | 10.991% |
| 53 | 19.610 | 2806 | 2809 | 2812 | rVB3 | 44980   | 52700   | 0.63%   | 0.081%  |
| 54 | 20.092 | 2888 | 2891 | 2897 | rVB3 | 66919   | 84248   | 1.01%   | 0.129%  |
| 55 | 20.575 | 2970 | 2973 | 2977 | rVB  | 115229  | 113748  | 1.36%   | 0.174%  |
| 56 | 21.027 | 3047 | 3050 | 3060 | rBV  | 266065  | 397931  | 4.76%   | 0.609%  |
| 57 | 21.310 | 3093 | 3098 | 3104 | rBV  | 3665007 | 4476098 | 53.56%  | 6.846%  |
| 58 | 21.463 | 3121 | 3124 | 3130 | rBV  | 145462  | 165363  | 1.98%   | 0.253%  |
| 59 | 21.916 | 3199 | 3201 | 3205 | rVB2 | 139845  | 152403  | 1.82%   | 0.233%  |
| 60 | 23.527 | 3468 | 3475 | 3482 | rBV2 | 4323148 | 8356543 | 100.00% | 12.780% |
| 61 | 23.680 | 3494 | 3501 | 3510 | rVB  | 2404408 | 4678187 | 55.98%  | 7.155%  |

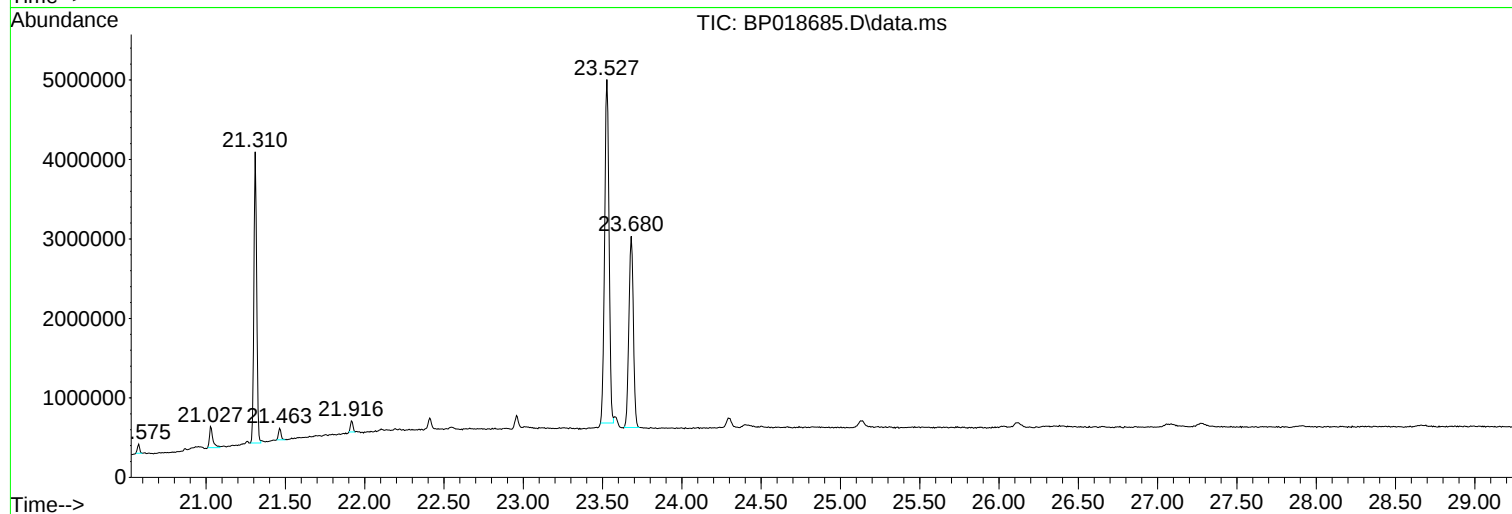
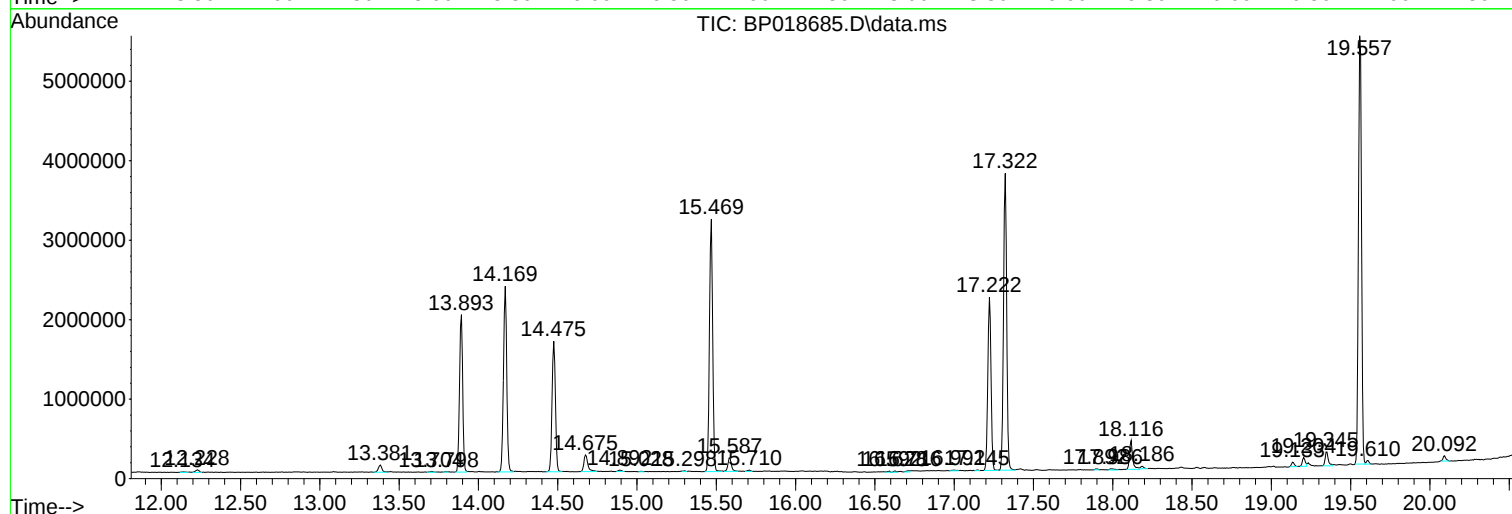
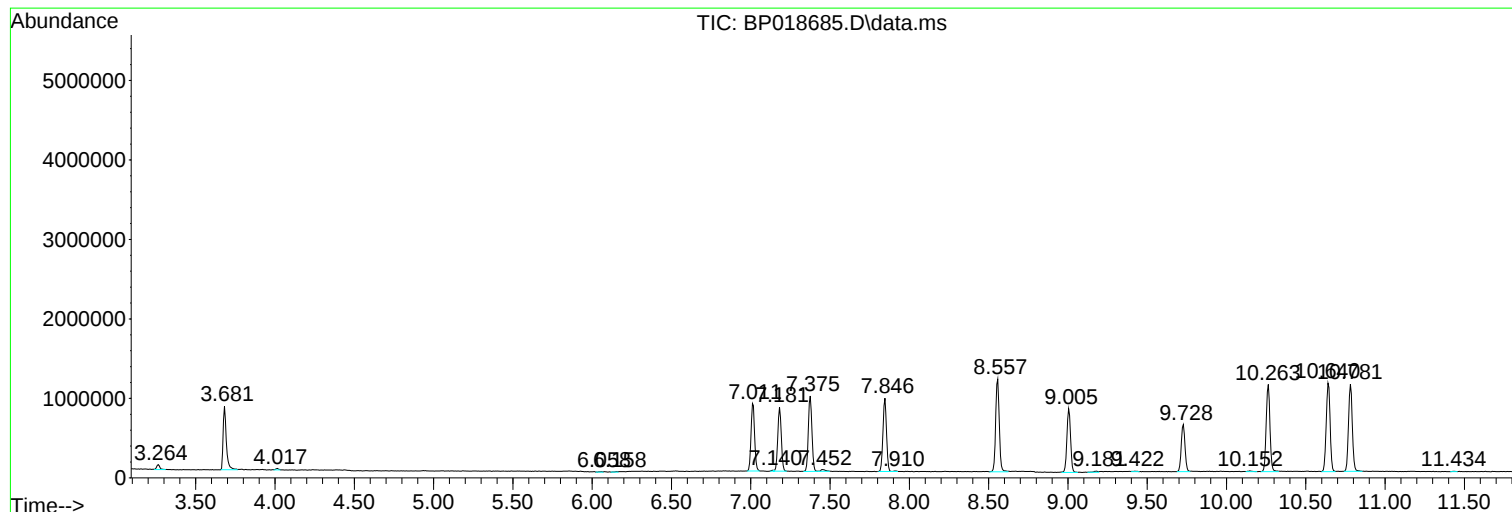
Sum of corrected areas: 65385485

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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



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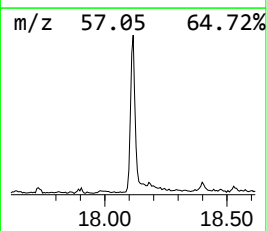
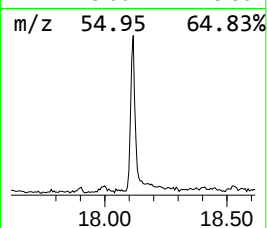
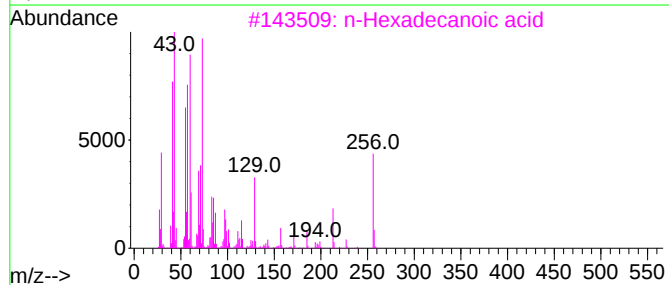
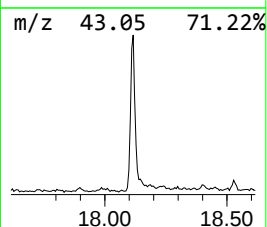
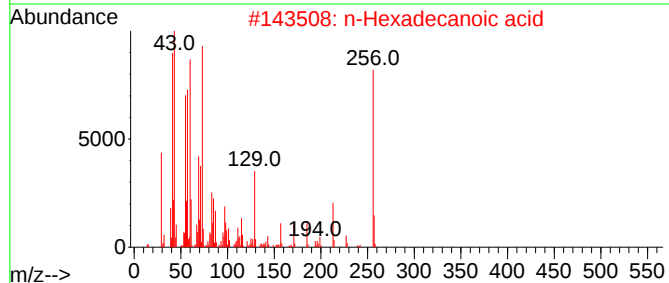
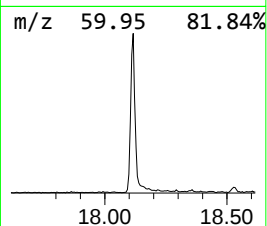
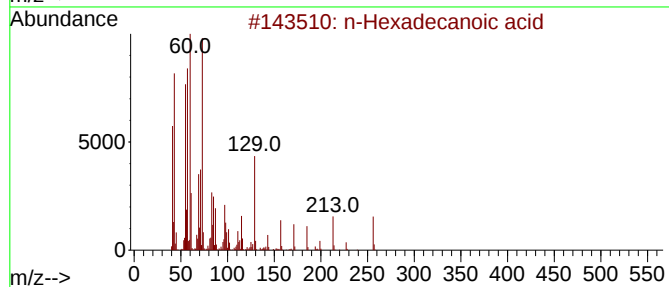
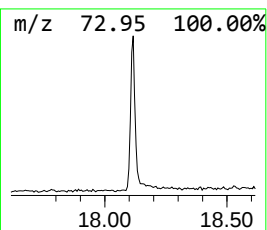
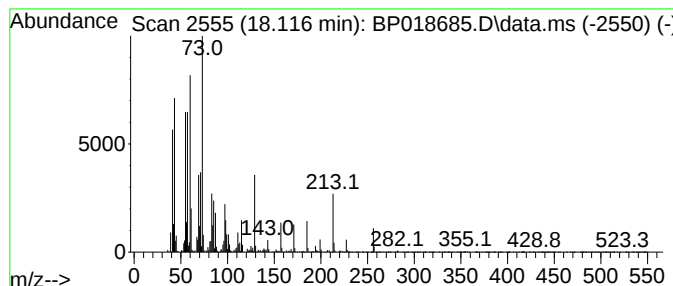
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.116 | 3.22 ng/ul | 500471 | Phenanthrene-d10 | 17.222 |

| 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 | 98      |      |      |
| 5    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 96      |      |      |



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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 ... | 18.116 | 3.2     | ng/ul | 500471   | 4                     | 17.222 | 3112410 | 20.0 |