

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
 Data File : BP017891.D  
 Acq On : 02 Nov 2023 17:47  
 Operator : MA/JU  
 Sample : 04996-21  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4927

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-BP101823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP017891.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       | 27            | 30          | 36           | rBV2     | 14010          | 24020         | 0.89%           | 0.086%        |
| 2         | 3.711       | 103           | 106         | 120          | rBV      | 29077          | 68645         | 2.55%           | 0.246%        |
| 3         | 3.987       | 151           | 153         | 156          | rBV4     | 5426           | 6514          | 0.24%           | 0.023%        |
| 4         | 4.764       | 282           | 285         | 290          | rVB7     | 3332           | 4159          | 0.15%           | 0.015%        |
| 5         | 5.646       | 433           | 435         | 438          | rVB4     | 2960           | 3076          | 0.11%           | 0.011%        |
| 6         | 6.646       | 603           | 605         | 609          | rBV5     | 2494           | 3034          | 0.11%           | 0.011%        |
| 7         | 6.828       | 634           | 636         | 640          | rVB5     | 3143           | 4239          | 0.16%           | 0.015%        |
| 8         | 6.875       | 640           | 644         | 647          | rBV6     | 3957           | 4842          | 0.18%           | 0.017%        |
| 9         | 7.040       | 665           | 672         | 684          | rBV      | 84613          | 168430        | 6.27%           | 0.605%        |
| 10        | 7.222       | 696           | 703         | 714          | rBV      | 427267         | 685656        | 25.52%          | 2.462%        |
| 11        | 7.399       | 724           | 733         | 746          | rBV      | 416816         | 729249        | 27.14%          | 2.618%        |
| 12        | 7.505       | 748           | 751         | 756          | rVV6     | 6705           | 12754         | 0.47%           | 0.046%        |
| 13        | 7.540       | 756           | 757         | 762          | rVB5     | 3552           | 4390          | 0.16%           | 0.016%        |
| 14        | 7.652       | 774           | 776         | 782          | rVB7     | 2167           | 3023          | 0.11%           | 0.011%        |
| 15        | 7.875       | 806           | 814         | 825          | rBV      | 482982         | 794057        | 29.55%          | 2.851%        |
| 16        | 8.316       | 886           | 889         | 892          | rBV5     | 2414           | 3155          | 0.12%           | 0.011%        |
| 17        | 8.599       | 931           | 937         | 952          | rBV      | 263791         | 484133        | 18.02%          | 1.738%        |
| 18        | 9.081       | 1012          | 1019        | 1034         | rBV      | 551331         | 929506        | 34.59%          | 3.337%        |
| 19        | 9.263       | 1044          | 1050        | 1056         | rBV8     | 5596           | 10092         | 0.38%           | 0.036%        |
| 20        | 9.634       | 1109          | 1113        | 1115         | rBV5     | 2131           | 2778          | 0.10%           | 0.010%        |
| 21        | 9.799       | 1132          | 1141        | 1155         | rBV      | 453814         | 796369        | 29.64%          | 2.859%        |
| 22        | 9.905       | 1155          | 1159        | 1160         | rBV4     | 6472           | 7002          | 0.26%           | 0.025%        |
| 23        | 10.163      | 1199          | 1203        | 1204         | rBV4     | 3378           | 3014          | 0.11%           | 0.011%        |
| 24        | 10.328      | 1224          | 1231        | 1246         | rBV      | 534231         | 1022523       | 38.05%          | 3.671%        |
| 25        | 10.528      | 1262          | 1265        | 1266         | rBV3     | 3027           | 3236          | 0.12%           | 0.012%        |
| 26        | 10.705      | 1287          | 1295        | 1306         | rBV      | 632036         | 1018485       | 37.90%          | 3.657%        |
| 27        | 10.887      | 1319          | 1326        | 1341         | rBV      | 156896         | 339325        | 12.63%          | 1.218%        |
| 28        | 10.981      | 1341          | 1342        | 1349         | rVB7     | 4482           | 8338          | 0.31%           | 0.030%        |
| 29        | 11.252      | 1386          | 1388        | 1390         | rVB3     | 2975           | 2754          | 0.10%           | 0.010%        |
| 30        | 11.510      | 1425          | 1432        | 1436         | rBV10    | 2412           | 5711          | 0.21%           | 0.021%        |
| 31        | 11.769      | 1471          | 1476        | 1479         | rVB7     | 2732           | 4381          | 0.16%           | 0.016%        |
| 32        | 12.116      | 1532          | 1535        | 1537         | rVB4     | 2560           | 2775          | 0.10%           | 0.010%        |
| 33        | 12.310      | 1562          | 1568        | 1576         | rBV5     | 9816           | 19179         | 0.71%           | 0.069%        |
| 34        | 12.540      | 1601          | 1607        | 1609         | rBV7     | 1905           | 3357          | 0.12%           | 0.012%        |
| 35        | 12.593      | 1614          | 1616        | 1619         | rBV4     | 2988           | 3937          | 0.15%           | 0.014%        |
| 36        | 12.746      | 1640          | 1642        | 1648         | rVB7     | 2244           | 3792          | 0.14%           | 0.014%        |

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 BNA\_P  
 ClientSampleId :  
 A4927

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-BP101823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 12.804 | 1650 | 1652 | 1656 | rBV5 | 1651    | 2803    | 0.10%   | 0.010% |
| 38 | 12.869 | 1658 | 1663 | 1664 | rBV5 | 2591    | 3380    | 0.13%   | 0.012% |
| 39 | 13.134 | 1705 | 1708 | 1713 | rBV6 | 6728    | 8747    | 0.33%   | 0.031% |
| 40 | 13.410 | 1749 | 1755 | 1760 | rBV3 | 29260   | 46139   | 1.72%   | 0.166% |
| 41 | 13.751 | 1810 | 1813 | 1815 | rBV4 | 2485    | 3395    | 0.13%   | 0.012% |
| 42 | 13.781 | 1815 | 1818 | 1822 | rVB6 | 4812    | 6565    | 0.24%   | 0.024% |
| 43 | 13.993 | 1847 | 1854 | 1870 | rBV  | 1161148 | 1612477 | 60.01%  | 5.789% |
| 44 | 14.269 | 1894 | 1901 | 1912 | rBV  | 1306476 | 1909704 | 71.07%  | 6.856% |
| 45 | 14.575 | 1946 | 1953 | 1961 | rBV  | 849014  | 1241395 | 46.20%  | 4.457% |
| 46 | 14.775 | 1984 | 1987 | 1989 | rBV4 | 2975    | 3368    | 0.13%   | 0.012% |
| 47 | 14.863 | 1997 | 2002 | 2009 | rBV5 | 19259   | 51476   | 1.92%   | 0.185% |
| 48 | 14.969 | 2016 | 2020 | 2026 | rVB9 | 8274    | 14930   | 0.56%   | 0.054% |
| 49 | 15.246 | 2064 | 2067 | 2071 | rVB6 | 3028    | 4237    | 0.16%   | 0.015% |
| 50 | 15.316 | 2077 | 2079 | 2083 | rVV5 | 4723    | 5440    | 0.20%   | 0.020% |
| 51 | 15.363 | 2085 | 2087 | 2091 | rVV5 | 3369    | 5100    | 0.19%   | 0.018% |
| 52 | 15.404 | 2091 | 2094 | 2098 | rVB6 | 3785    | 5202    | 0.19%   | 0.019% |
| 53 | 15.581 | 2116 | 2124 | 2132 | rBV  | 1562960 | 2272016 | 84.55%  | 8.157% |
| 54 | 15.728 | 2143 | 2149 | 2160 | rBV  | 447486  | 676721  | 25.18%  | 2.430% |
| 55 | 15.934 | 2179 | 2184 | 2186 | rBV6 | 4387    | 7235    | 0.27%   | 0.026% |
| 56 | 16.169 | 2221 | 2224 | 2228 | rBV6 | 2544    | 4185    | 0.16%   | 0.015% |
| 57 | 16.245 | 2234 | 2237 | 2242 | rVB7 | 4263    | 4868    | 0.18%   | 0.017% |
| 58 | 16.381 | 2256 | 2260 | 2262 | rVB5 | 2493    | 2817    | 0.10%   | 0.010% |
| 59 | 16.575 | 2289 | 2293 | 2294 | rBV3 | 2485    | 3484    | 0.13%   | 0.013% |
| 60 | 16.669 | 2307 | 2309 | 2313 | rVB4 | 3545    | 3978    | 0.15%   | 0.014% |
| 61 | 16.716 | 2313 | 2317 | 2323 | rBV8 | 8280    | 17409   | 0.65%   | 0.063% |
| 62 | 16.828 | 2332 | 2336 | 2339 | rBV6 | 2195    | 3650    | 0.14%   | 0.013% |
| 63 | 17.022 | 2366 | 2369 | 2371 | rBV4 | 4449    | 6303    | 0.23%   | 0.023% |
| 64 | 17.363 | 2421 | 2427 | 2437 | rBV  | 991810  | 1397205 | 52.00%  | 5.016% |
| 65 | 17.469 | 2439 | 2445 | 2457 | rVB2 | 1613133 | 2361516 | 87.88%  | 8.478% |
| 66 | 17.998 | 2531 | 2535 | 2538 | rBV5 | 8248    | 11351   | 0.42%   | 0.041% |
| 67 | 18.222 | 2568 | 2573 | 2586 | rBV  | 330313  | 499687  | 18.60%  | 1.794% |
| 68 | 18.622 | 2637 | 2641 | 2646 | rBV8 | 6419    | 11779   | 0.44%   | 0.042% |
| 69 | 18.775 | 2662 | 2667 | 2669 | rBV6 | 7874    | 13033   | 0.49%   | 0.047% |
| 70 | 19.292 | 2752 | 2755 | 2760 | rBV2 | 20736   | 26539   | 0.99%   | 0.095% |
| 71 | 19.369 | 2764 | 2768 | 2771 | rVB  | 23734   | 31735   | 1.18%   | 0.114% |
| 72 | 19.463 | 2780 | 2784 | 2794 | rBV  | 111244  | 182957  | 6.81%   | 0.657% |
| 73 | 19.728 | 2823 | 2829 | 2837 | rBV  | 2139983 | 2687131 | 100.00% | 9.647% |
| 74 | 21.186 | 3072 | 3077 | 3086 | rBV2 | 163162  | 327591  | 12.19%  | 1.176% |
| 75 | 21.510 | 3128 | 3132 | 3139 | rVB  | 1022296 | 1333061 | 49.61%  | 4.786% |
| 76 | 23.898 | 3531 | 3538 | 3551 | rVB2 | 1220345 | 2497798 | 92.95%  | 8.968% |

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ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4927

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-BP101823.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |        |         |        |        |
|----|--------|------|------|------|-----|--------|---------|--------|--------|
| 77 | 24.069 | 3560 | 3567 | 3577 | rVB | 635218 | 1355412 | 50.44% | 4.866% |
|----|--------|------|------|------|-----|--------|---------|--------|--------|

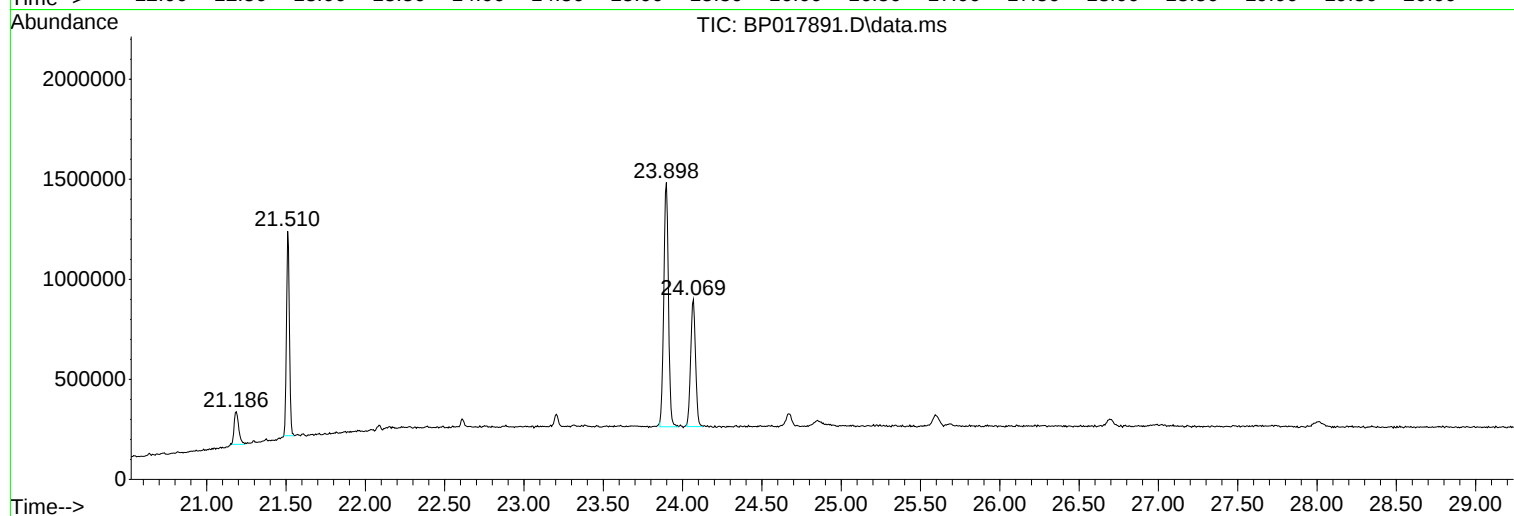
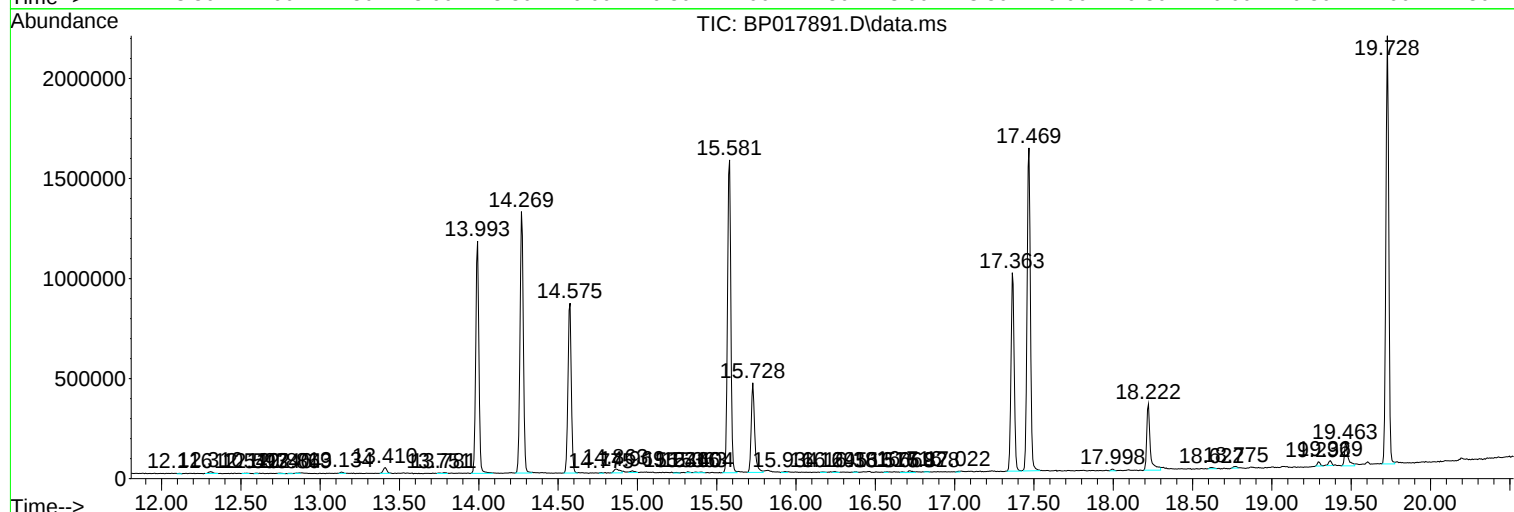
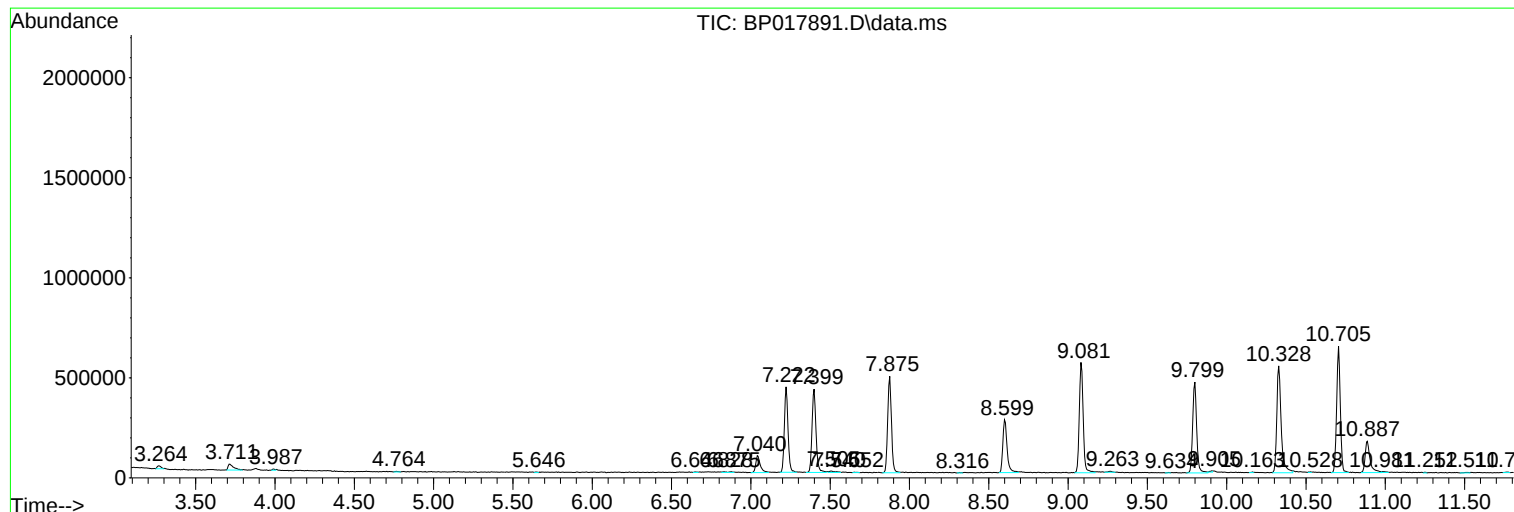
Sum of corrected areas: 27853749

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
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Instrument :  
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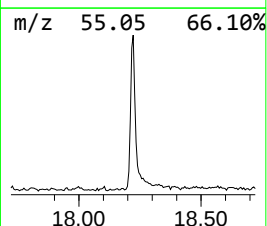
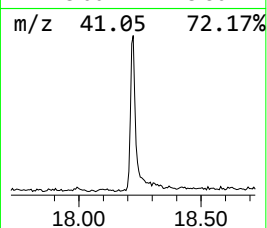
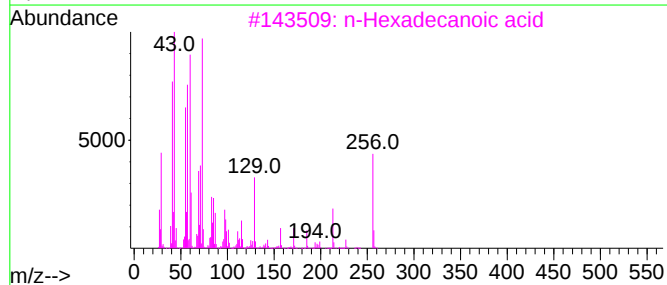
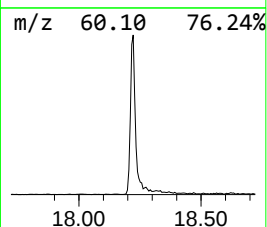
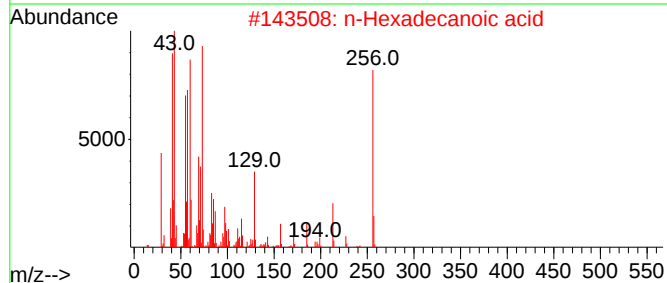
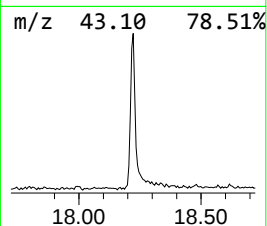
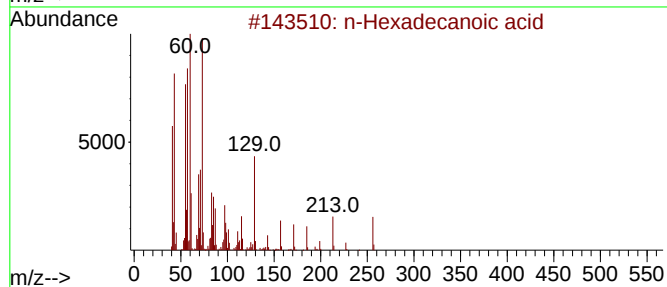
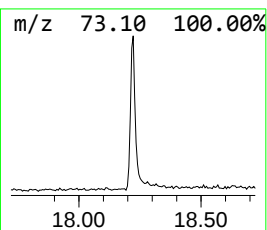
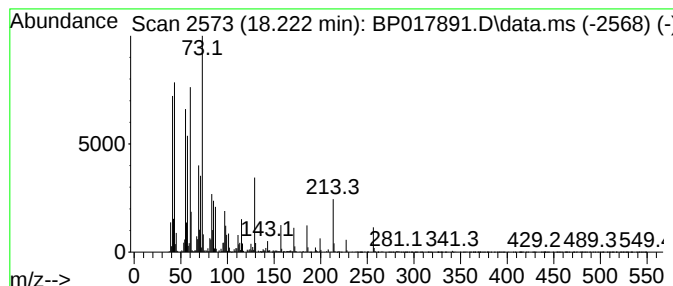
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.222 | 7.15 ng/ul | 499687 | Phenanthrene-d10 | 17.363 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |



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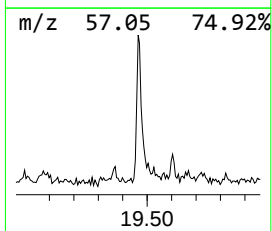
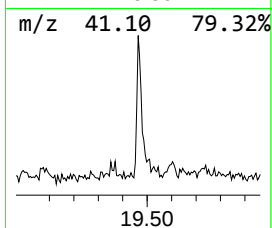
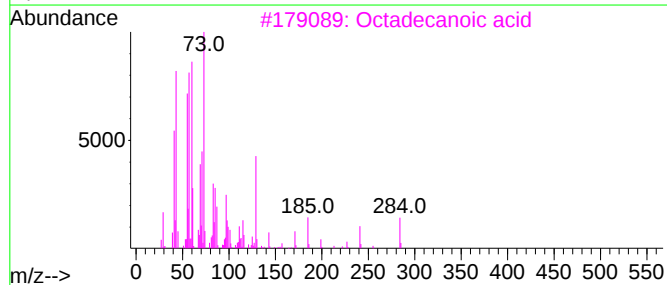
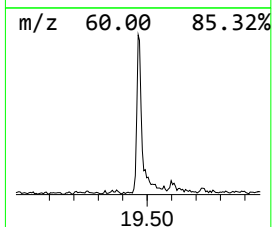
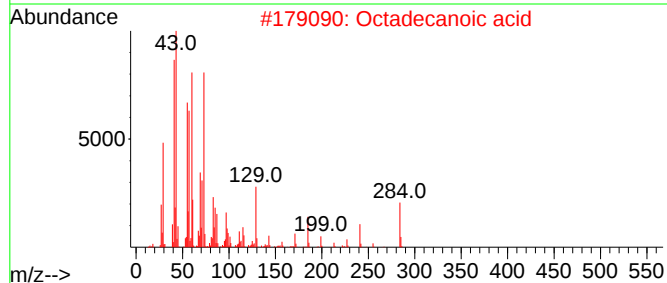
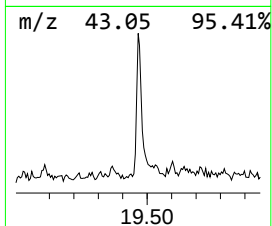
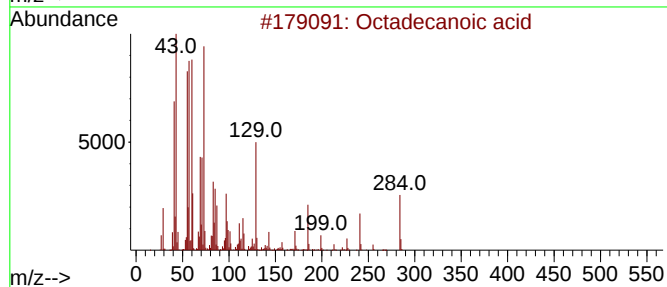
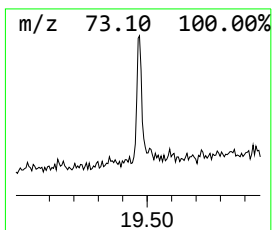
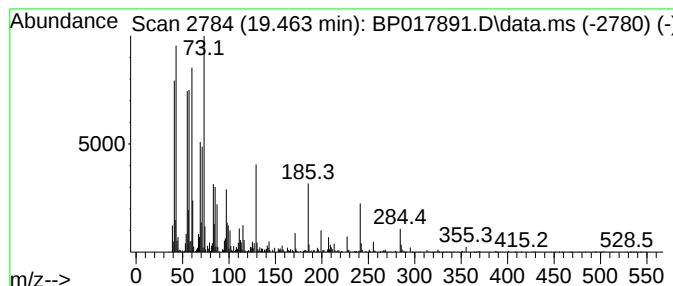
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.463 | 2.74 ng/ul | 182957 | Chrysene-d12     | 21.510 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 97   |
| 3    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 94   |
| 4    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 94   |
| 5    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 89   |



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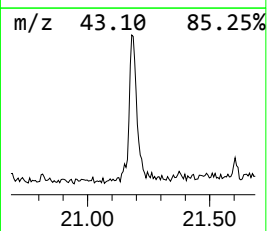
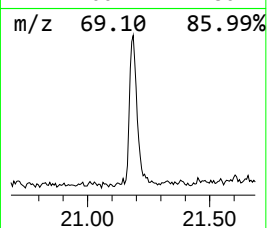
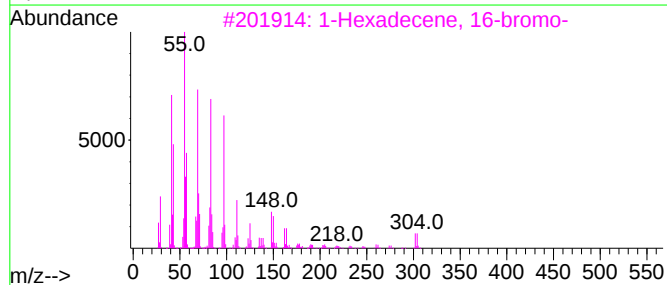
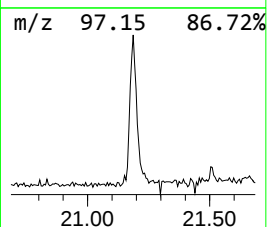
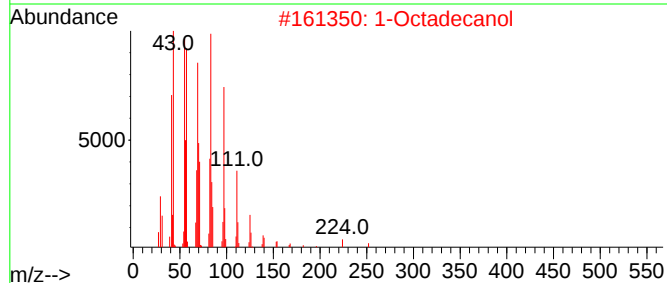
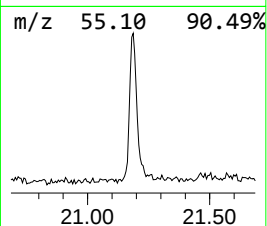
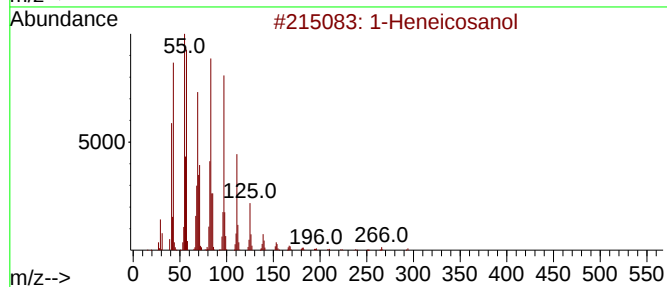
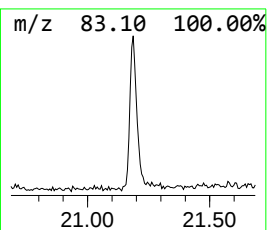
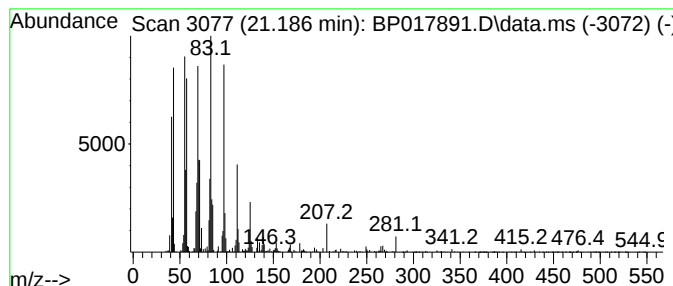
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1-Heneicosanol Concentration Rank 2

| R.T.      | EstConc                 | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------|--------|------------------|-------------|------|
| 21.186    | 4.91 ng/ul              | 327591 | Chrysene-d12     | 21.510      |      |
| Hit# of 5 | Tentative ID            | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol          | 312    | C21H44O          | 015594-90-8 | 91   |
| 2         | 1-Octadecanol           | 270    | C18H38O          | 000112-92-5 | 90   |
| 3         | 1-Hexadecene, 16-bromo- | 302    | C16H31Br         | 118625-56-2 | 87   |
| 4         | Behenic alcohol         | 326    | C22H46O          | 000661-19-8 | 81   |
| 5         | Cyclopentadecane        | 210    | C15H30           | 000295-48-7 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110123\  
Data File : BP017891.D  
Acq On : 02 Nov 2023 17:47  
Operator : MA/JU  
Sample : 04996-21  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4927

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.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 |
| n-Hexadecanoic ... | 18.222 | 7.2     | ng/ul | 499687   | 4                     | 17.363 | 1397210 | 20.0 |
| Octadecanoic acid  | 19.463 | 2.7     | ng/ul | 182957   | 5                     | 21.510 | 1333060 | 20.0 |
| 1-Heneicosanol     | 21.186 | 4.9     | ng/ul | 327591   | 5                     | 21.510 | 1333060 | 20.0 |