

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
 Data File : BP019027.D  
 Acq On : 22 Dec 2023 07:30  
 Operator : MA/JU  
 Sample : 05808-05  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AZ7

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: BP019027.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         | 3.252       | 24            | 28          | 34           | rVB      | 45209          | 55538         | 0.92%           | 0.104%        |
| 2         | 3.540       | 73            | 77          | 84           | rVB      | 23184          | 32611         | 0.54%           | 0.061%        |
| 3         | 3.669       | 95            | 99          | 116          | rBV      | 499113         | 747658        | 12.33%          | 1.406%        |
| 4         | 3.993       | 151           | 154         | 160          | rVB      | 19062          | 27147         | 0.45%           | 0.051%        |
| 5         | 4.922       | 310           | 312         | 317          | rVB3     | 5834           | 7774          | 0.13%           | 0.015%        |
| 6         | 5.910       | 476           | 480         | 484          | rVB2     | 4407           | 6362          | 0.10%           | 0.012%        |
| 7         | 6.828       | 630           | 636         | 641          | rBV7     | 5065           | 9538          | 0.16%           | 0.018%        |
| 8         | 6.999       | 655           | 665         | 675          | rBV      | 701756         | 1128940       | 18.62%          | 2.123%        |
| 9         | 7.110       | 679           | 684         | 686          | rVV2     | 6227           | 10194         | 0.17%           | 0.019%        |
| 10        | 7.157       | 686           | 692         | 702          | rVB      | 562057         | 844088        | 13.92%          | 1.588%        |
| 11        | 7.352       | 716           | 725         | 734          | rBV      | 701434         | 1099689       | 18.14%          | 2.068%        |
| 12        | 7.434       | 734           | 739         | 751          | rVB2     | 13552          | 28836         | 0.48%           | 0.054%        |
| 13        | 7.816       | 797           | 804         | 814          | rBV      | 507860         | 801838        | 13.22%          | 1.508%        |
| 14        | 7.899       | 814           | 818         | 825          | rVB5     | 5197           | 8448          | 0.14%           | 0.016%        |
| 15        | 8.540       | 918           | 927         | 939          | rBV      | 876715         | 1479131       | 24.39%          | 2.782%        |
| 16        | 8.981       | 995           | 1002        | 1010         | rBV      | 666147         | 1077338       | 17.77%          | 2.026%        |
| 17        | 9.146       | 1027          | 1030        | 1035         | rBV6     | 5182           | 6706          | 0.11%           | 0.013%        |
| 18        | 9.393       | 1066          | 1072        | 1075         | rBV8     | 5876           | 9764          | 0.16%           | 0.018%        |
| 19        | 9.551       | 1092          | 1099        | 1106         | rBV      | 19095          | 30198         | 0.50%           | 0.057%        |
| 20        | 9.699       | 1115          | 1124        | 1133         | rBV      | 567257         | 944970        | 15.58%          | 1.777%        |
| 21        | 9.875       | 1148          | 1154        | 1161         | rVB      | 2830           | 7253          | 0.12%           | 0.014%        |
| 22        | 10.240      | 1209          | 1216        | 1236         | rBV      | 933884         | 1596824       | 26.34%          | 3.003%        |
| 23        | 10.469      | 1251          | 1255        | 1262         | rVB10    | 2852           | 6275          | 0.10%           | 0.012%        |
| 24        | 10.616      | 1272          | 1280        | 1287         | rBV      | 659275         | 1117151       | 18.42%          | 2.101%        |
| 25        | 10.757      | 1295          | 1304        | 1317         | rBV      | 816005         | 1420049       | 23.42%          | 2.671%        |
| 26        | 11.175      | 1370          | 1375        | 1379         | rBV8     | 4832           | 9040          | 0.15%           | 0.017%        |
| 27        | 11.369      | 1400          | 1408        | 1413         | rBV      | 13959          | 30194         | 0.50%           | 0.057%        |
| 28        | 11.410      | 1413          | 1415        | 1421         | rVB6     | 5526           | 8774          | 0.14%           | 0.017%        |
| 29        | 12.204      | 1544          | 1550        | 1557         | rVB      | 17975          | 30895         | 0.51%           | 0.058%        |
| 30        | 13.251      | 1722          | 1728        | 1731         | rBV6     | 6621           | 11702         | 0.19%           | 0.022%        |
| 31        | 13.357      | 1740          | 1746        | 1751         | rVV2     | 20154          | 32483         | 0.54%           | 0.061%        |
| 32        | 13.422      | 1754          | 1757        | 1762         | rVB5     | 4026           | 6297          | 0.10%           | 0.012%        |
| 33        | 13.645      | 1787          | 1795        | 1801         | rBV5     | 3854           | 9073          | 0.15%           | 0.017%        |
| 34        | 13.869      | 1826          | 1833        | 1842         | rBV      | 1699129        | 2409759       | 39.74%          | 4.532%        |
| 35        | 14.145      | 1870          | 1880        | 1890         | rBV      | 2004895        | 2969650       | 48.98%          | 5.585%        |
| 36        | 14.451      | 1925          | 1932        | 1941         | rBV      | 1064085        | 1588412       | 26.20%          | 2.988%        |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AZ7

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

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.669 | 1962 | 1969 | 1983 | rBV  | 719457  | 1305685 | 21.53%  | 2.456%  |
| 38 | 14.881 | 2000 | 2005 | 2015 | rVB9 | 16367   | 31548   | 0.52%   | 0.059%  |
| 39 | 15.445 | 2094 | 2101 | 2111 | rBV  | 2604809 | 3866248 | 63.76%  | 7.272%  |
| 40 | 15.575 | 2116 | 2123 | 2130 | rBV  | 795117  | 1100532 | 18.15%  | 2.070%  |
| 41 | 15.686 | 2138 | 2142 | 2149 | rVB3 | 13051   | 21646   | 0.36%   | 0.041%  |
| 42 | 16.163 | 2219 | 2223 | 2230 | rVV5 | 8109    | 13419   | 0.22%   | 0.025%  |
| 43 | 16.233 | 2231 | 2235 | 2242 | rVB4 | 12284   | 19205   | 0.32%   | 0.036%  |
| 44 | 16.604 | 2295 | 2298 | 2306 | rVB5 | 14446   | 21487   | 0.35%   | 0.040%  |
| 45 | 16.880 | 2342 | 2345 | 2350 | rVB6 | 5333    | 7805    | 0.13%   | 0.015%  |
| 46 | 17.104 | 2379 | 2383 | 2386 | rBV5 | 9040    | 13642   | 0.22%   | 0.026%  |
| 47 | 17.204 | 2391 | 2400 | 2406 | rVV  | 1419725 | 2008511 | 33.13%  | 3.778%  |
| 48 | 17.304 | 2410 | 2417 | 2427 | rVV  | 2920931 | 4145212 | 68.37%  | 7.796%  |
| 49 | 17.380 | 2427 | 2430 | 2431 | rVV3 | 12737   | 15279   | 0.25%   | 0.029%  |
| 50 | 17.404 | 2431 | 2434 | 2442 | rVV6 | 23499   | 41423   | 0.68%   | 0.078%  |
| 51 | 17.498 | 2446 | 2450 | 2453 | rBV2 | 4548    | 6548    | 0.11%   | 0.012%  |
| 52 | 17.980 | 2528 | 2532 | 2537 | rVB7 | 12219   | 17759   | 0.29%   | 0.033%  |
| 53 | 18.039 | 2539 | 2542 | 2546 | rBV5 | 10039   | 12283   | 0.20%   | 0.023%  |
| 54 | 18.098 | 2547 | 2552 | 2561 | rBV  | 707461  | 1015096 | 16.74%  | 1.909%  |
| 55 | 18.386 | 2598 | 2601 | 2602 | rBV3 | 9154    | 10217   | 0.17%   | 0.019%  |
| 56 | 18.416 | 2602 | 2606 | 2612 | rVB2 | 46218   | 71194   | 1.17%   | 0.134%  |
| 57 | 18.510 | 2619 | 2622 | 2627 | rBV5 | 17198   | 27270   | 0.45%   | 0.051%  |
| 58 | 18.739 | 2658 | 2661 | 2664 | rBV5 | 9736    | 14052   | 0.23%   | 0.026%  |
| 59 | 19.116 | 2722 | 2725 | 2732 | rBV  | 47301   | 60391   | 1.00%   | 0.114%  |
| 60 | 19.186 | 2733 | 2737 | 2740 | rBV  | 62790   | 85695   | 1.41%   | 0.161%  |
| 61 | 19.216 | 2740 | 2742 | 2753 | rVB4 | 48529   | 78208   | 1.29%   | 0.147%  |
| 62 | 19.333 | 2757 | 2762 | 2773 | rBV  | 261712  | 387731  | 6.39%   | 0.729%  |
| 63 | 19.545 | 2792 | 2798 | 2805 | rBV  | 4118585 | 5406654 | 89.17%  | 10.169% |
| 64 | 20.051 | 2881 | 2884 | 2890 | rBV5 | 33590   | 62187   | 1.03%   | 0.117%  |
| 65 | 20.769 | 2998 | 3006 | 3007 | rBV6 | 141363  | 343720  | 5.67%   | 0.646%  |
| 66 | 20.833 | 3009 | 3017 | 3018 | rBV2 | 460193  | 887069  | 14.63%  | 1.668%  |
| 67 | 21.016 | 3043 | 3048 | 3056 | rBV  | 621192  | 925889  | 15.27%  | 1.741%  |
| 68 | 21.298 | 3091 | 3096 | 3106 | rBV  | 1983748 | 2543707 | 41.95%  | 4.784%  |
| 69 | 21.927 | 3200 | 3203 | 3211 | rVB3 | 181358  | 307433  | 5.07%   | 0.578%  |
| 70 | 23.504 | 3464 | 3471 | 3485 | rVB2 | 2989708 | 6063336 | 100.00% | 11.404% |
| 71 | 23.657 | 3491 | 3497 | 3505 | rVB  | 1318855 | 2619094 | 43.20%  | 4.926%  |

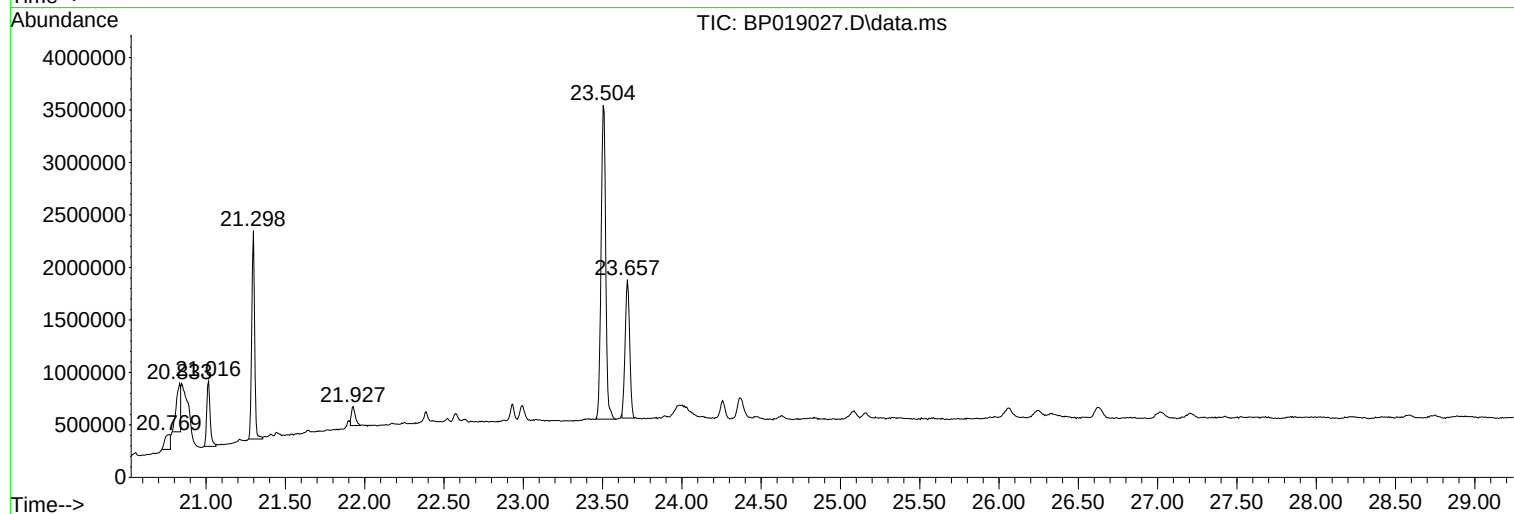
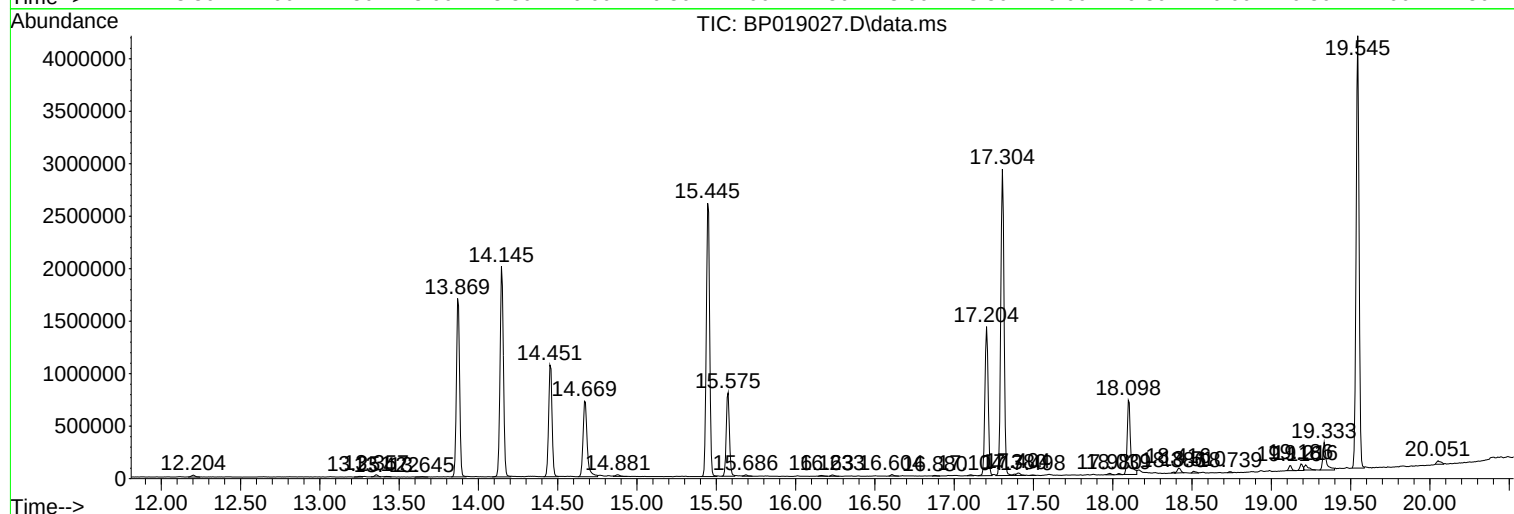
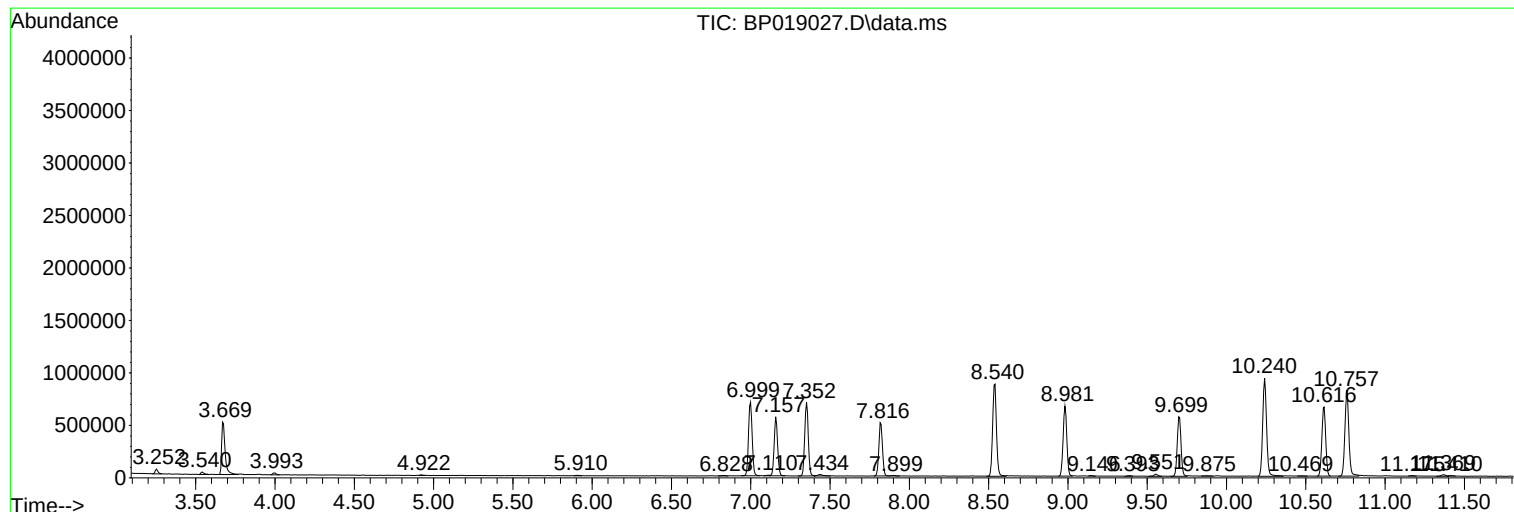
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Sample : 05808-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AZ7

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019027.D  
Acq On : 22 Dec 2023 07:30  
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Instrument :  
BNA\_P  
ClientSampleId :  
C0AZ7

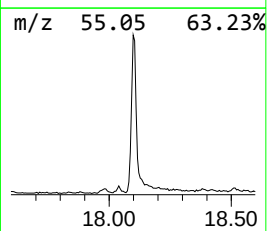
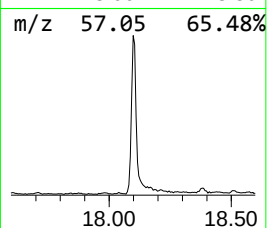
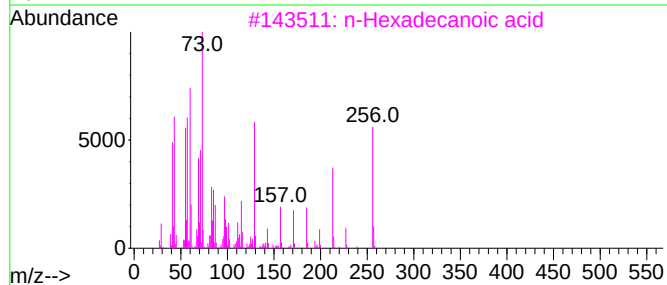
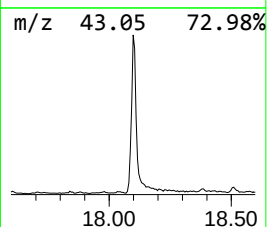
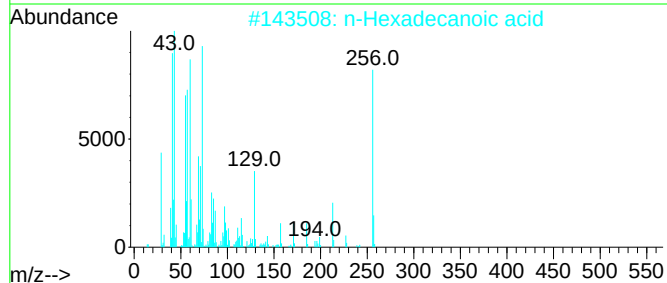
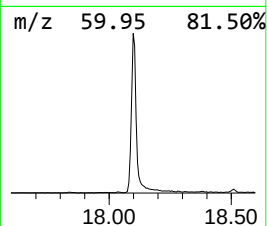
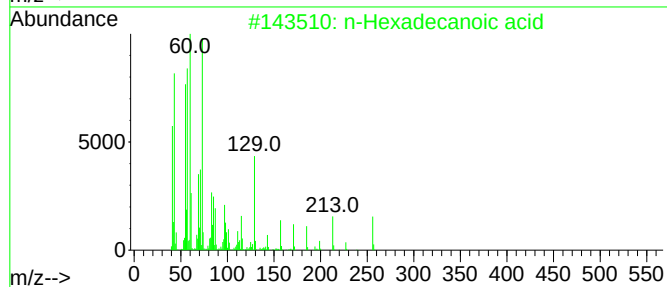
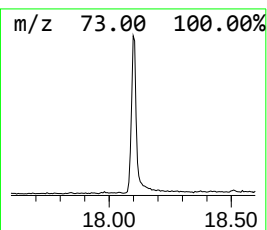
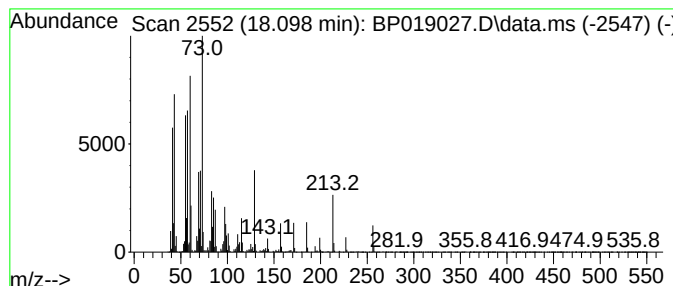
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|-------------|---------|------------------|--------|
| 18.098 | 10.11 ng/ul | 1015100 | Phenanthrene-d10 | 17.204 |

| 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 | 99   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |



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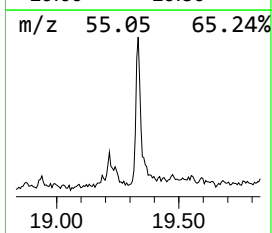
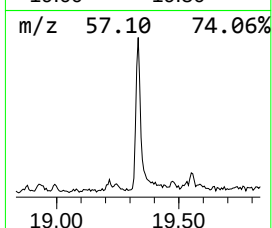
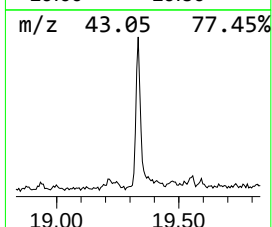
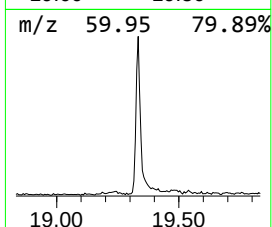
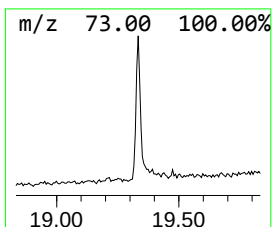
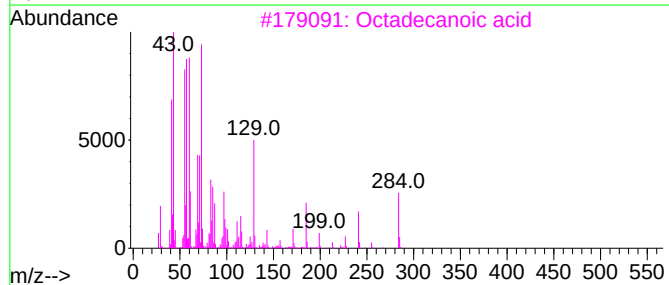
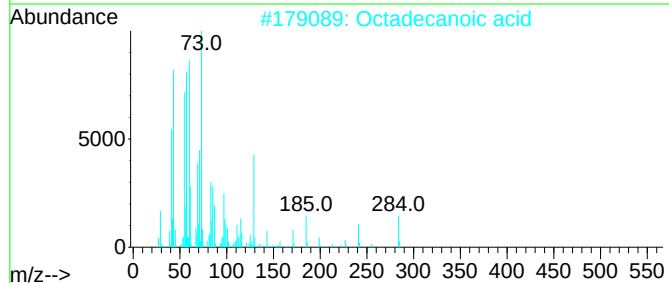
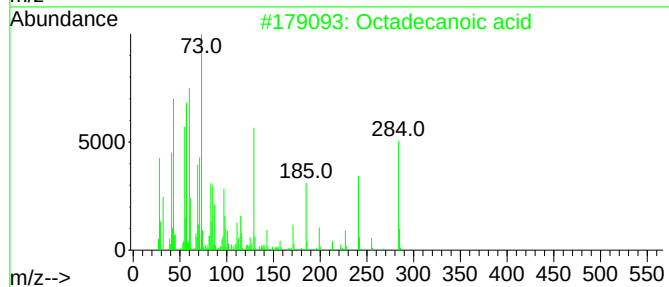
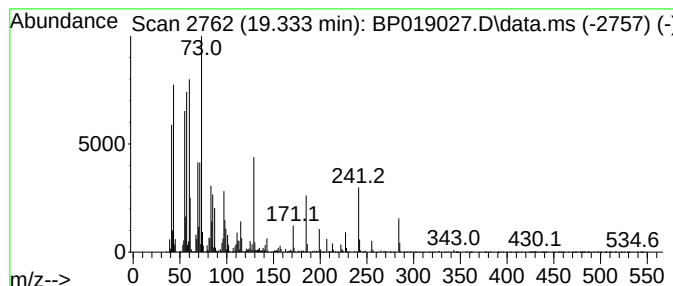
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.333 | 3.05 ng/ul | 387731 | Chrysene-d12     | 21.298 |

| 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 | 99   |
| 3    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 93   |
| 4    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 93   |
| 5    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 89   |





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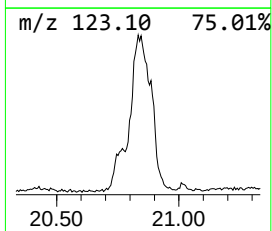
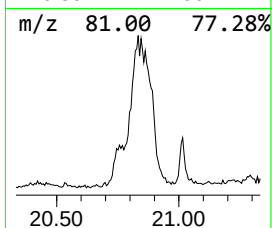
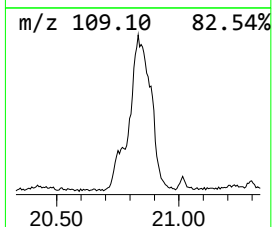
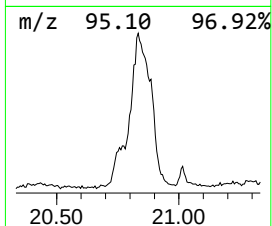
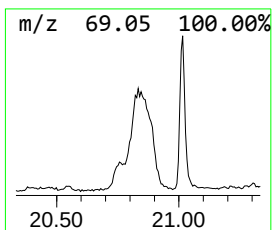
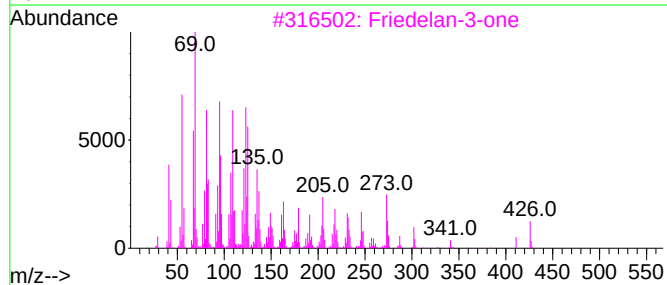
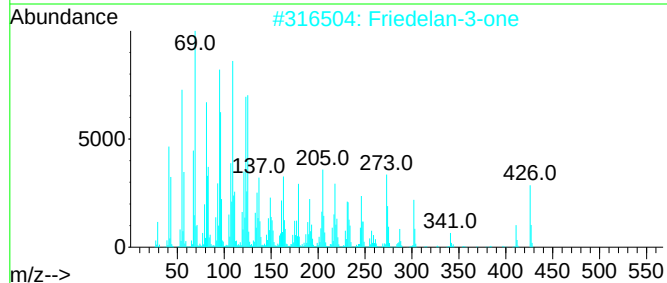
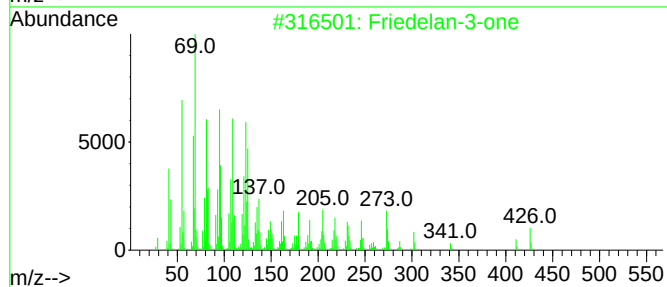
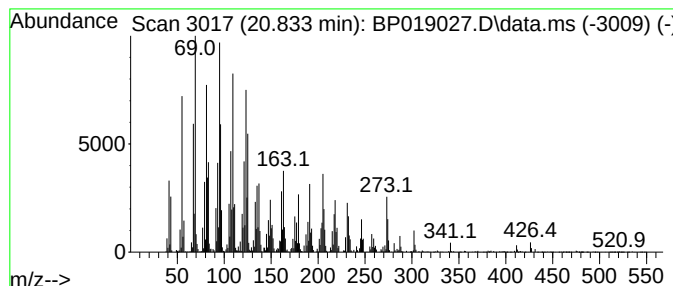
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Costunolide Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.833 | 6.97 ng/ul | 887069 | Chrysene-d12     | 21.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Friedelan-3-one                     | 426 | C30H50O  | 000559-74-0 | 99   |
| 2    |    |   | Friedelan-3-one                     | 426 | C30H50O  | 000559-74-0 | 96   |
| 3    |    |   | Friedelan-3-one                     | 426 | C30H50O  | 000559-74-0 | 96   |
| 4    |    |   | 1-((1S,3aR,4S,7R,7aR)-3a,7a-Dime... | 206 | C14H22O  | 066748-84-3 | 80   |
| 5    |    |   | Costunolide                         | 232 | C15H20O2 | 000553-21-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019027.D  
Acq On : 22 Dec 2023 07:30  
Operator : MA/JU  
Sample : 05808-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AZ7

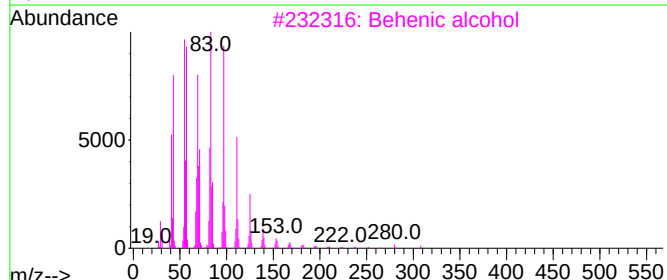
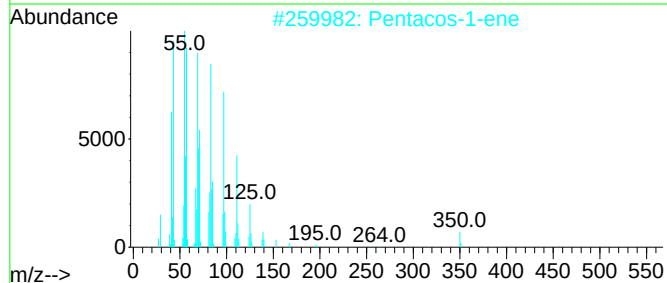
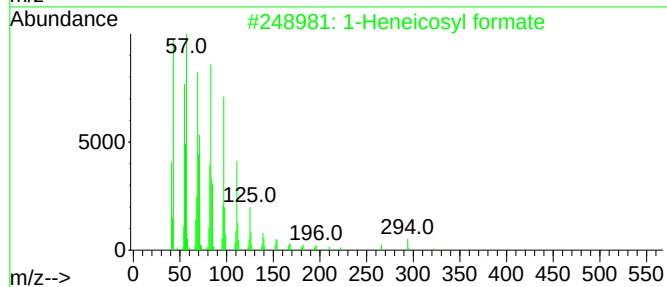
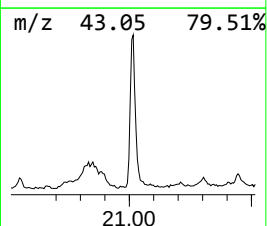
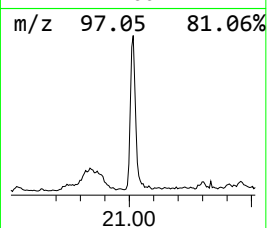
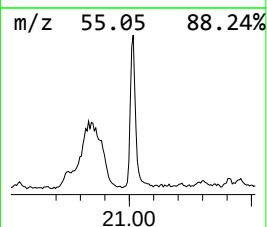
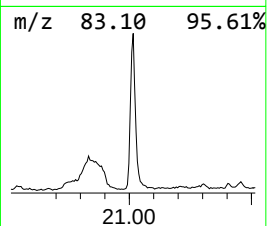
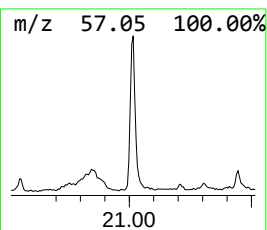
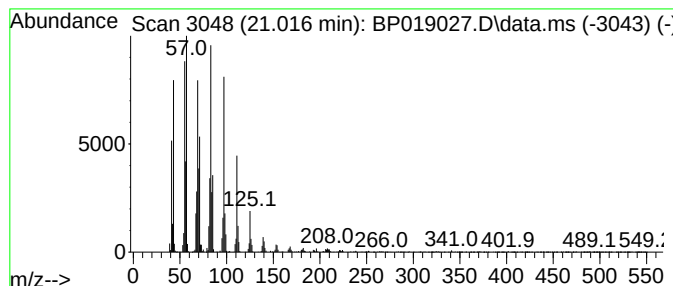
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 1-Heneicosyl formate Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.016 | 7.28 ng/ul | 925889 | Chrysene-d12     | 21.298 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heneicosyl formate           | 340 | C22H44O2   | 077899-03-7 | 97   |
| 2    |    |   | Pentacos-1-ene                 | 350 | C25H50     | 016980-85-1 | 94   |
| 3    |    |   | Behenic alcohol                | 326 | C22H46O    | 000661-19-8 | 94   |
| 4    |    |   | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94   |
| 5    |    |   | 1-Heneicosanol                 | 312 | C21H44O    | 015594-90-8 | 94   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019027.D  
Acq On : 22 Dec 2023 07:30  
Operator : MA/JU  
Sample : 05808-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AZ7

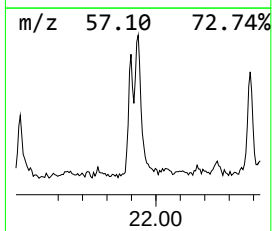
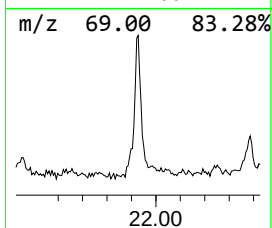
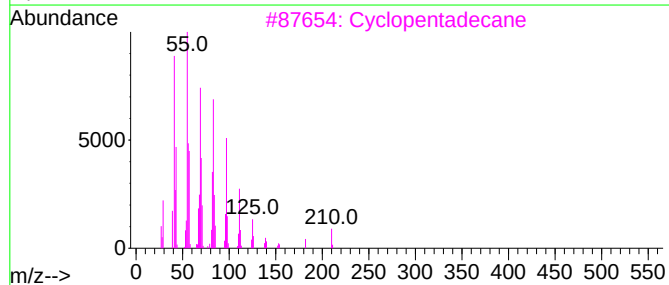
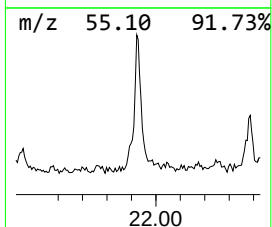
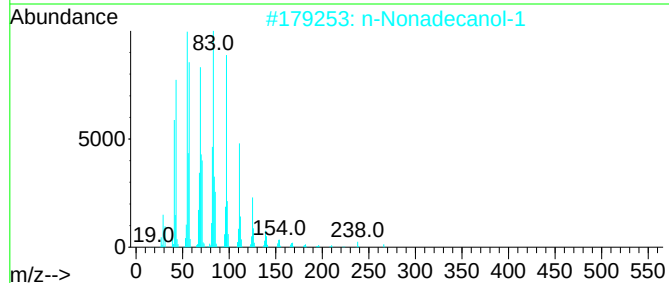
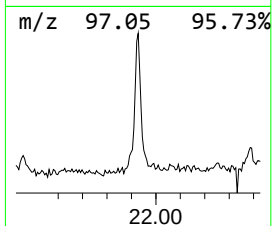
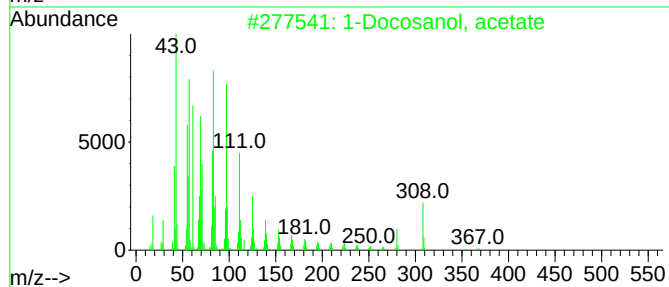
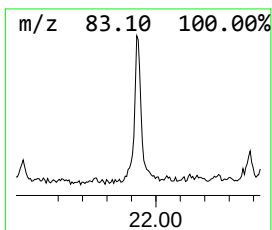
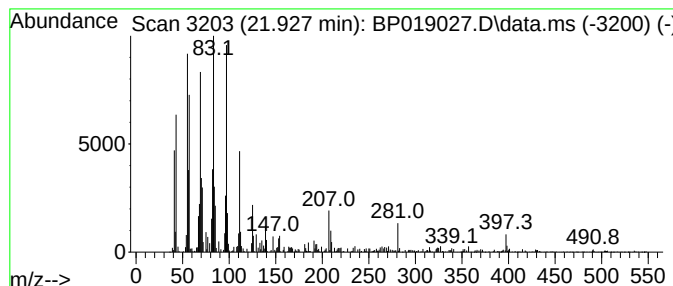
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 6 1-Docosanol, acetate Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.927 | 2.42 ng/ul | 307433 | Chrysene-d12     | 21.298 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|----------------------|---|--------------|-----|----------|-------------|------|
| 1    | 1-Docosanol, acetate |   |              | 368 | C24H48O2 | 000822-26-4 | 93   |
| 2    | n-Nonadecanol-1      |   |              | 284 | C19H40O  | 001454-84-8 | 93   |
| 3    | Cyclopentadecane     |   |              | 210 | C15H30   | 000295-48-7 | 90   |
| 4    | 1-Nonadecene         |   |              | 266 | C19H38   | 018435-45-5 | 86   |
| 5    | 1-Tricosene          |   |              | 322 | C23H46   | 018835-32-0 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019027.D  
Acq On : 22 Dec 2023 07:30  
Operator : MA/JU  
Sample : 05808-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AZ7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
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 ... | 18.098 | 10.1    | ng/ul | 1015100  | 4                     | 17.204 | 2008510 | 20.0 |
| Octadecanoic acid  | 19.333 | 3.0     | ng/ul | 387731   | 5                     | 21.298 | 2543710 | 20.0 |
| unknown-01         | 20.769 | 2.7     | ng/ul | 343720   | 5                     | 21.298 | 2543710 | 20.0 |
| Costunolide        | 20.833 | 7.0     | ng/ul | 887069   | 5                     | 21.298 | 2543710 | 20.0 |
| 1-Heneicosyl fo... | 21.016 | 7.3     | ng/ul | 925889   | 5                     | 21.298 | 2543710 | 20.0 |
| 1-Docosanol, ac... | 21.927 | 2.4     | ng/ul | 307433   | 5                     | 21.298 | 2543710 | 20.0 |