

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081823\  
 Data File : BP016649.D  
 Acq On : 18 Aug 2023 19:47  
 Operator : MA/JU  
 Sample : 03968-27  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A48P4

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-BP081423.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016649.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         | 3.393       | 14            | 18          | 25           | rVB      | 91900          | 126908        | 1.60%           | 0.148%        |
| 2         | 3.828       | 89            | 92          | 107          | rBV      | 596607         | 936367        | 11.77%          | 1.093%        |
| 3         | 3.946       | 108           | 112         | 115          | rVB2     | 26622          | 33573         | 0.42%           | 0.039%        |
| 4         | 4.034       | 121           | 127         | 134          | rVB      | 79864          | 128466        | 1.61%           | 0.150%        |
| 5         | 4.146       | 142           | 146         | 153          | rVB      | 76232          | 110851        | 1.39%           | 0.129%        |
| 6         | 4.540       | 209           | 213         | 218          | rVB6     | 18258          | 27906         | 0.35%           | 0.033%        |
| 7         | 4.693       | 235           | 239         | 241          | rBV5     | 6845           | 10641         | 0.13%           | 0.012%        |
| 8         | 4.734       | 241           | 246         | 251          | rVB      | 77770          | 105473        | 1.33%           | 0.123%        |
| 9         | 4.934       | 277           | 280         | 285          | rVB5     | 9246           | 14074         | 0.18%           | 0.016%        |
| 10        | 5.087       | 301           | 306         | 315          | rVB      | 55898          | 82384         | 1.04%           | 0.096%        |
| 11        | 5.205       | 321           | 326         | 332          | rBV2     | 18899          | 37107         | 0.47%           | 0.043%        |
| 12        | 5.675       | 402           | 406         | 412          | rVB4     | 9197           | 16556         | 0.21%           | 0.019%        |
| 13        | 6.993       | 627           | 630         | 637          | rBV7     | 8883           | 17300         | 0.22%           | 0.020%        |
| 14        | 7.193       | 656           | 664         | 675          | rBV      | 1233500        | 2038925       | 25.63%          | 2.381%        |
| 15        | 7.387       | 688           | 697         | 706          | rBV      | 1023223        | 1575033       | 19.80%          | 1.839%        |
| 16        | 7.569       | 719           | 728         | 736          | rBV      | 1207965        | 1905365       | 23.95%          | 2.225%        |
| 17        | 7.640       | 736           | 740         | 753          | rVB      | 81022          | 148547        | 1.87%           | 0.173%        |
| 18        | 8.052       | 801           | 810         | 821          | rBV      | 1332474        | 2070892       | 26.03%          | 2.418%        |
| 19        | 8.311       | 849           | 854         | 859          | rVV8     | 6609           | 11077         | 0.14%           | 0.013%        |
| 20        | 8.752       | 921           | 929         | 942          | rBV      | 1494765        | 2387912       | 30.02%          | 2.788%        |
| 21        | 8.899       | 948           | 954         | 962          | rVB      | 176568         | 285381        | 3.59%           | 0.333%        |
| 22        | 9.040       | 973           | 978         | 982          | rBV8     | 4877           | 7960          | 0.10%           | 0.009%        |
| 23        | 9.246       | 1003          | 1013        | 1023         | rBV      | 1200920        | 1956921       | 24.60%          | 2.285%        |
| 24        | 9.475       | 1048          | 1052        | 1057         | rBV6     | 7291           | 11762         | 0.15%           | 0.014%        |
| 25        | 9.963       | 1127          | 1135        | 1149         | rBV      | 932371         | 1538078       | 19.33%          | 1.796%        |
| 26        | 10.081      | 1150          | 1155        | 1162         | rBV2     | 22514          | 47833         | 0.60%           | 0.056%        |
| 27        | 10.328      | 1192          | 1197        | 1201         | rVB4     | 14354          | 22813         | 0.29%           | 0.027%        |
| 28        | 10.487      | 1215          | 1224        | 1237         | rBV      | 1462382        | 2426760       | 30.51%          | 2.833%        |
| 29        | 10.881      | 1284          | 1291        | 1299         | rBV      | 1970100        | 3228394       | 40.58%          | 3.769%        |
| 30        | 11.034      | 1310          | 1317        | 1332         | rBV      | 994119         | 1792541       | 22.53%          | 2.093%        |
| 31        | 11.428      | 1378          | 1384        | 1391         | rBV8     | 15875          | 32185         | 0.40%           | 0.038%        |
| 32        | 11.628      | 1415          | 1418        | 1424         | rBV7     | 7797           | 12708         | 0.16%           | 0.015%        |
| 33        | 11.699      | 1424          | 1430        | 1437         | rVB5     | 9440           | 20525         | 0.26%           | 0.024%        |
| 34        | 11.916      | 1463          | 1467        | 1472         | rVB8     | 6320           | 10602         | 0.13%           | 0.012%        |
| 35        | 12.228      | 1516          | 1520        | 1522         | rBV4     | 6425           | 7960          | 0.10%           | 0.009%        |
| 36        | 12.263      | 1522          | 1526        | 1536         | rVB3     | 11787          | 26794         | 0.34%           | 0.031%        |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 A48P4

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-BP081423.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 12.357 | 1536 | 1542 | 1546 | rBV6 | 7161    | 11807   | 0.15%   | 0.014% |
| 38 | 12.457 | 1553 | 1559 | 1564 | rBV  | 27458   | 44430   | 0.56%   | 0.052% |
| 39 | 13.028 | 1653 | 1656 | 1661 | rVB7 | 5684    | 8622    | 0.11%   | 0.010% |
| 40 | 13.169 | 1675 | 1680 | 1688 | rVB7 | 8697    | 16296   | 0.20%   | 0.019% |
| 41 | 13.281 | 1694 | 1699 | 1703 | rBV6 | 9048    | 13739   | 0.17%   | 0.016% |
| 42 | 13.463 | 1727 | 1730 | 1735 | rBV5 | 14784   | 23311   | 0.29%   | 0.027% |
| 43 | 13.551 | 1738 | 1745 | 1751 | rVV  | 95746   | 155724  | 1.96%   | 0.182% |
| 44 | 13.640 | 1755 | 1760 | 1762 | rVV5 | 7980    | 11826   | 0.15%   | 0.014% |
| 45 | 13.663 | 1762 | 1764 | 1769 | rVB6 | 8699    | 11368   | 0.14%   | 0.013% |
| 46 | 13.887 | 1798 | 1802 | 1806 | rVB2 | 19420   | 24591   | 0.31%   | 0.029% |
| 47 | 14.110 | 1833 | 1840 | 1851 | rBV  | 2818580 | 3793025 | 47.68%  | 4.429% |
| 48 | 14.398 | 1882 | 1889 | 1903 | rBV  | 3002970 | 4560976 | 57.34%  | 5.325% |
| 49 | 14.534 | 1908 | 1912 | 1918 | rVB3 | 14264   | 22239   | 0.28%   | 0.026% |
| 50 | 14.704 | 1934 | 1941 | 1948 | rBV  | 2949033 | 4407140 | 55.40%  | 5.146% |
| 51 | 14.904 | 1968 | 1975 | 1996 | rBV  | 1159834 | 1948861 | 24.50%  | 2.275% |
| 52 | 15.081 | 2001 | 2005 | 2009 | rVV4 | 45948   | 79885   | 1.00%   | 0.093% |
| 53 | 15.128 | 2009 | 2013 | 2022 | rVB4 | 55635   | 90636   | 1.14%   | 0.106% |
| 54 | 15.445 | 2063 | 2067 | 2069 | rBV4 | 6972    | 9257    | 0.12%   | 0.011% |
| 55 | 15.493 | 2071 | 2075 | 2082 | rVB5 | 13130   | 23312   | 0.29%   | 0.027% |
| 56 | 15.698 | 2101 | 2110 | 2117 | rBV  | 3909554 | 5742678 | 72.19%  | 6.705% |
| 57 | 15.816 | 2124 | 2130 | 2142 | rBV  | 946182  | 1330355 | 16.72%  | 1.553% |
| 58 | 15.934 | 2147 | 2150 | 2158 | rVB3 | 20137   | 30270   | 0.38%   | 0.035% |
| 59 | 16.357 | 2218 | 2222 | 2228 | rBV4 | 16664   | 32106   | 0.40%   | 0.037% |
| 60 | 16.481 | 2239 | 2243 | 2247 | rBV7 | 8204    | 17203   | 0.22%   | 0.020% |
| 61 | 16.581 | 2255 | 2260 | 2264 | rVB8 | 6867    | 11307   | 0.14%   | 0.013% |
| 62 | 16.816 | 2298 | 2300 | 2306 | rVB5 | 13779   | 15689   | 0.20%   | 0.018% |
| 63 | 17.469 | 2405 | 2411 | 2416 | rBV  | 3696311 | 5323336 | 66.92%  | 6.215% |
| 64 | 17.510 | 2416 | 2418 | 2422 | rVV  | 133318  | 161726  | 2.03%   | 0.189% |
| 65 | 17.569 | 2422 | 2428 | 2438 | rVV  | 4270189 | 6006981 | 75.51%  | 7.014% |
| 66 | 18.087 | 2514 | 2516 | 2520 | rVB3 | 25666   | 29747   | 0.37%   | 0.035% |
| 67 | 18.310 | 2549 | 2554 | 2564 | rBV  | 1204591 | 1918969 | 24.12%  | 2.241% |
| 68 | 19.369 | 2732 | 2734 | 2738 | rVB  | 61182   | 66726   | 0.84%   | 0.078% |
| 69 | 19.469 | 2747 | 2751 | 2759 | rVB  | 477482  | 627454  | 7.89%   | 0.733% |
| 70 | 19.539 | 2759 | 2763 | 2779 | rBV  | 459573  | 784927  | 9.87%   | 0.916% |
| 71 | 19.798 | 2802 | 2807 | 2819 | rBV  | 5421340 | 7954914 | 100.00% | 9.288% |
| 72 | 21.222 | 3044 | 3049 | 3055 | rBV  | 1263370 | 1923505 | 24.18%  | 2.246% |
| 73 | 21.563 | 3102 | 3107 | 3112 | rBV2 | 3672999 | 5027919 | 63.21%  | 5.871% |
| 74 | 22.145 | 3203 | 3206 | 3209 | rBV  | 249731  | 305841  | 3.84%   | 0.357% |
| 75 | 23.269 | 3394 | 3397 | 3404 | rVB  | 477353  | 759959  | 9.55%   | 0.887% |
| 76 | 23.974 | 3510 | 3517 | 3526 | rBV2 | 2327425 | 4954986 | 62.29%  | 5.785% |

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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A48P4

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-BP081423.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 77 | 24.145 | 3540 | 3546 | 3566 | rVB | 1854086 | 4148299 | 52.15% | 4.844% |
|----|--------|------|------|------|-----|---------|---------|--------|--------|

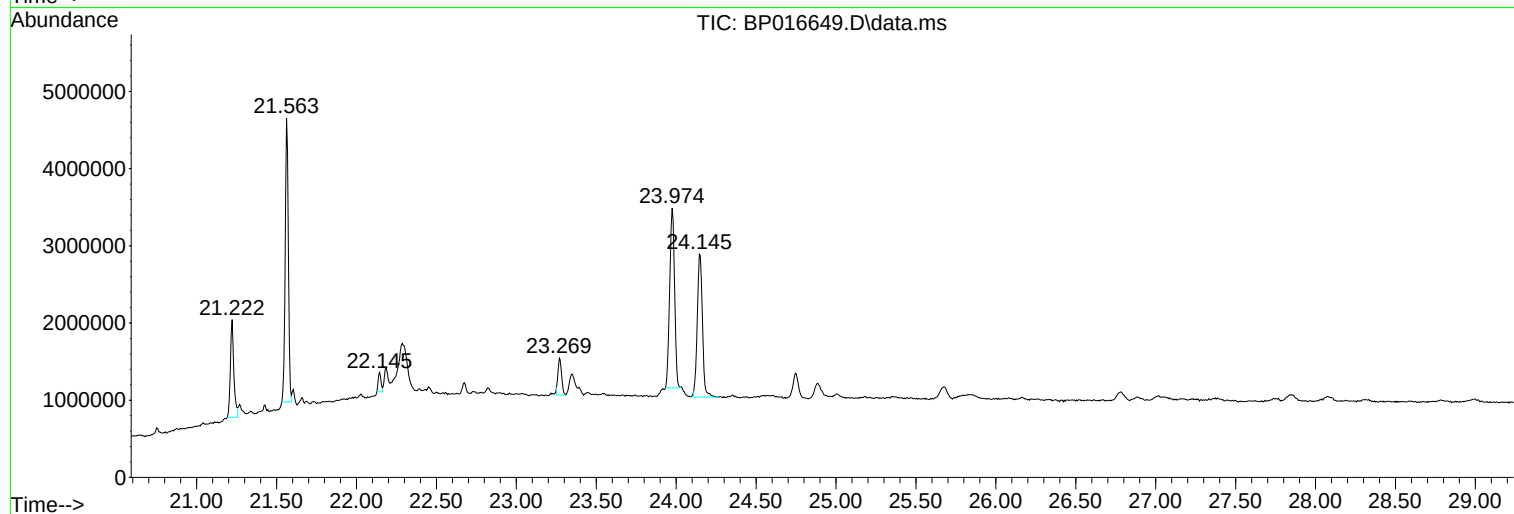
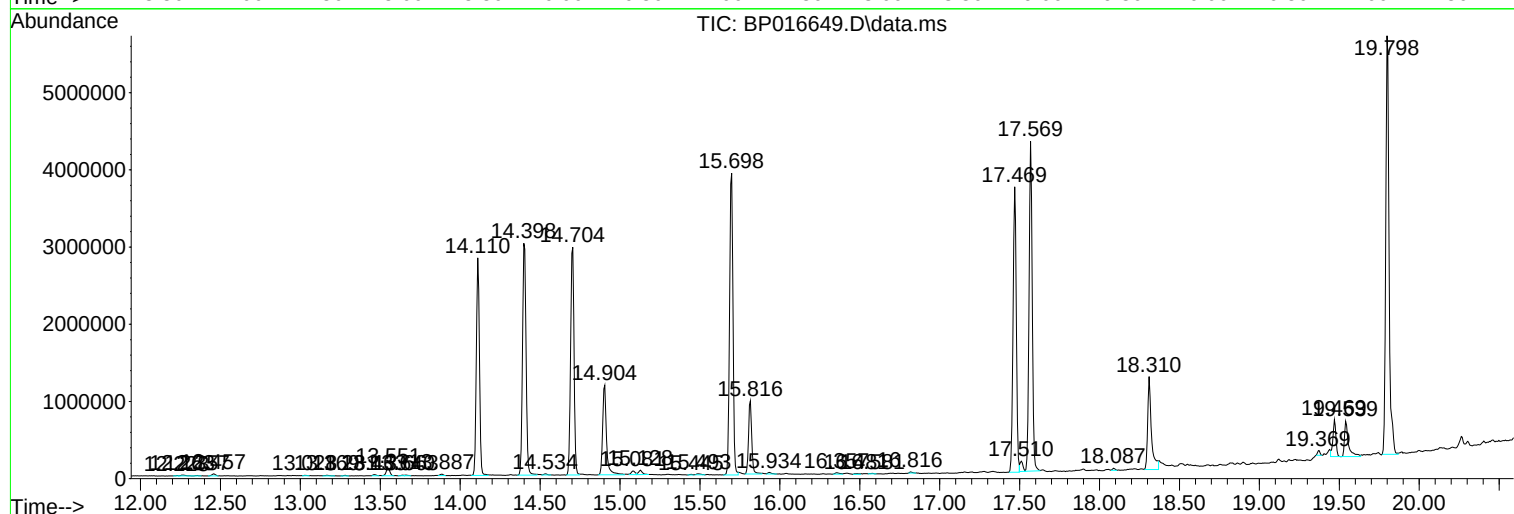
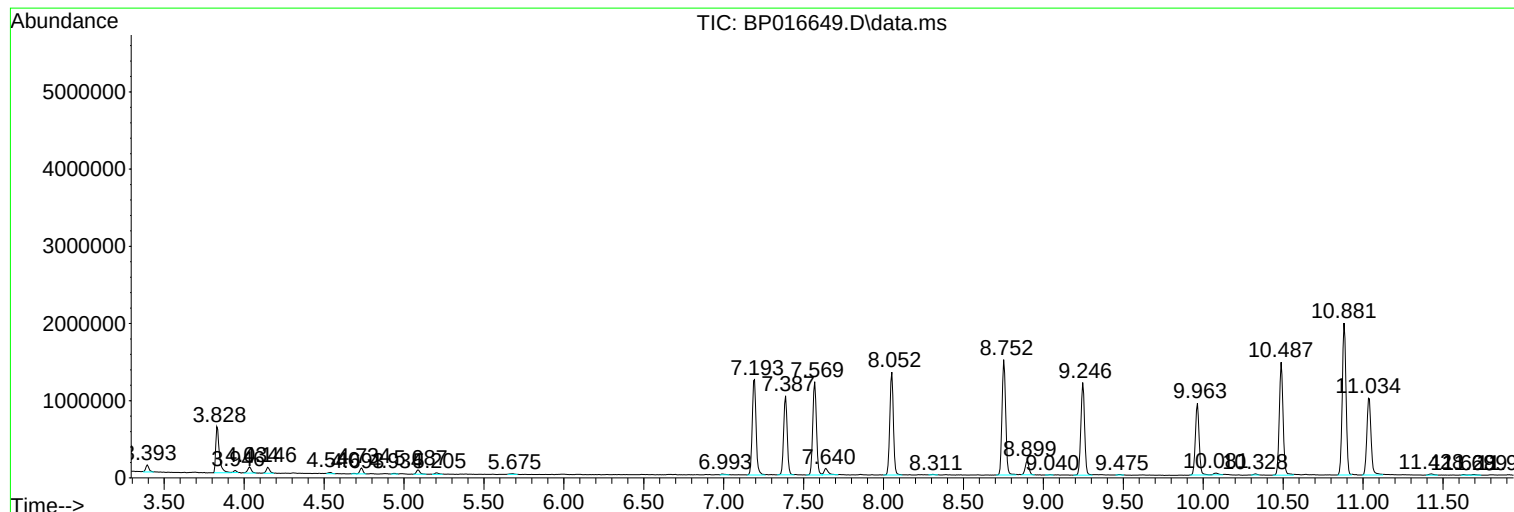
Sum of corrected areas: 85646516

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081823\  
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Instrument :  
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A48P4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.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\BP081823\  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A48P4

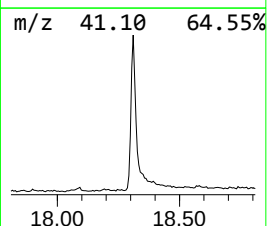
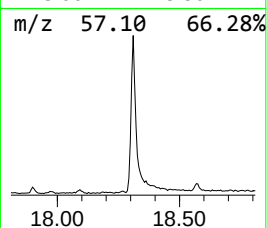
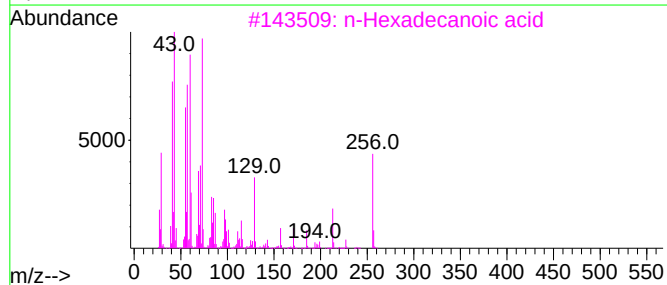
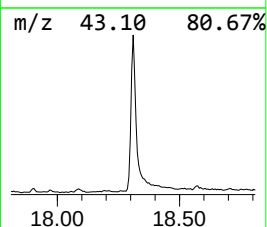
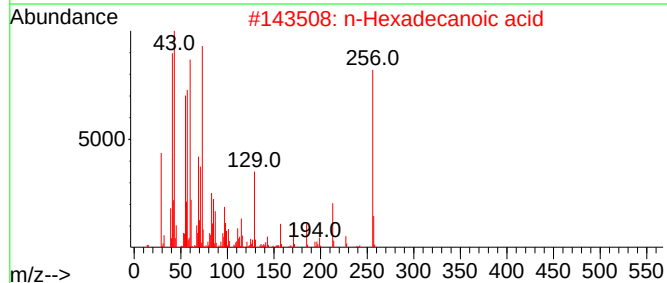
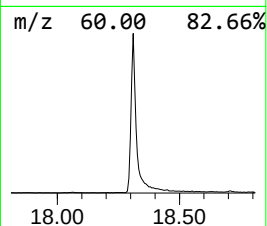
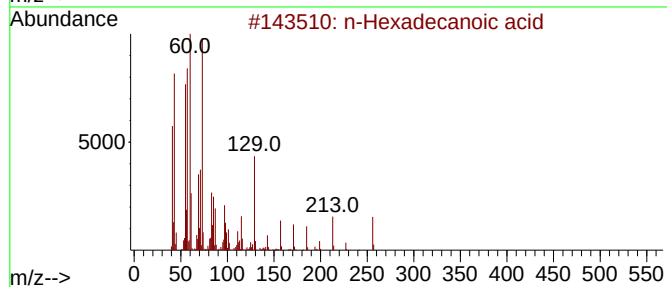
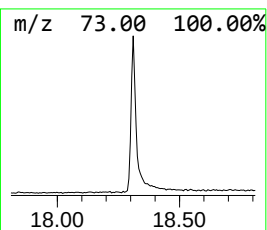
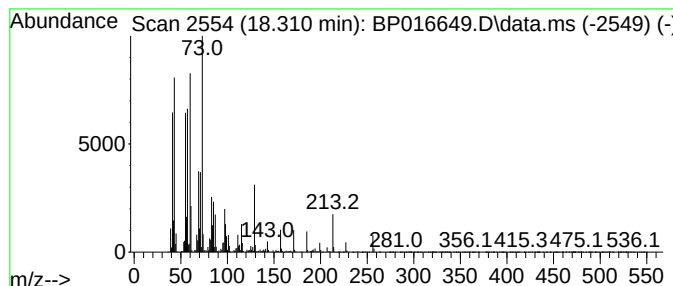
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.310 | 7.21 ng/ul | 1918970 | Phenanthrene-d10 | 17.469 |

| 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    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |



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Instrument :  
BNA\_P  
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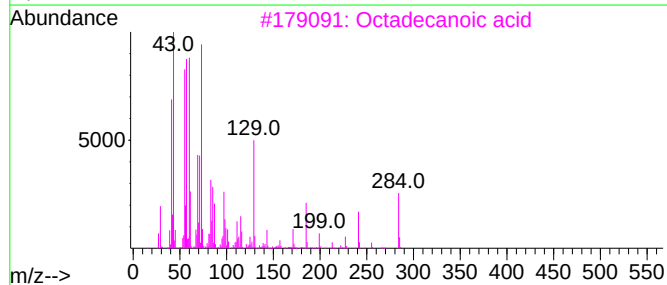
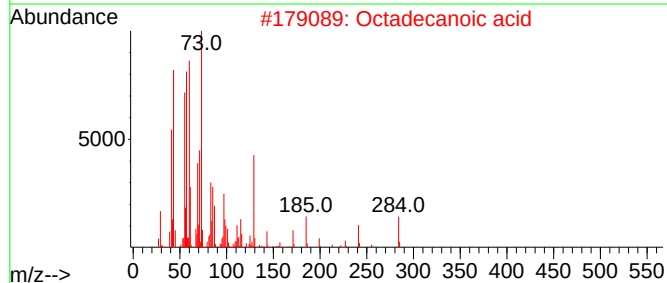
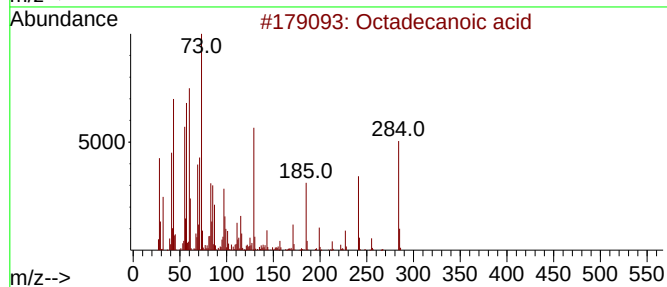
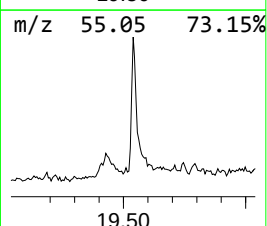
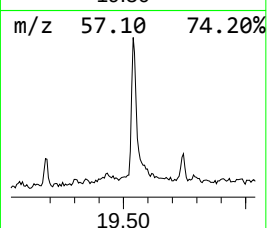
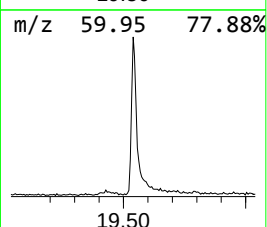
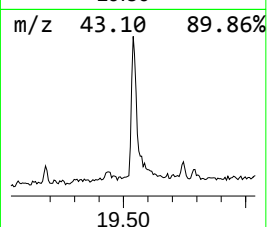
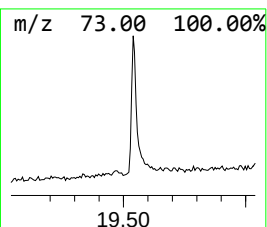
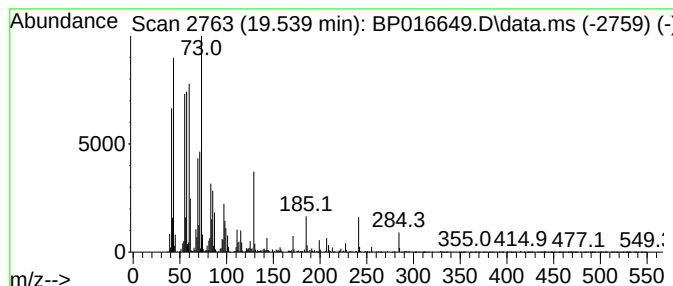
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 19.539 | 3.12 ng/ul | 784927 | Chrysene-d12     | 21.563 |

| 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 | 99   |
| 4    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 96   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94   |



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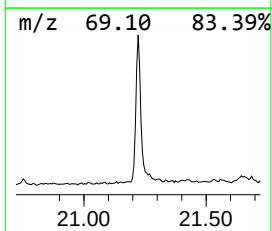
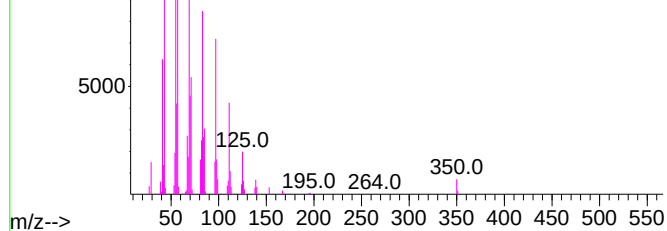
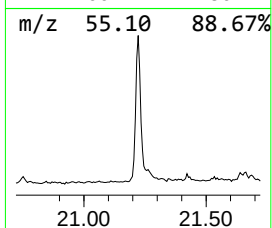
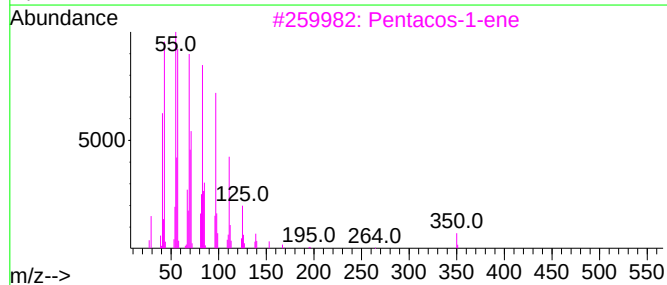
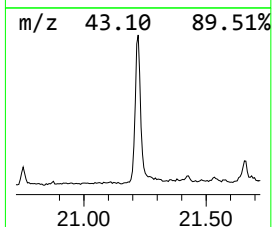
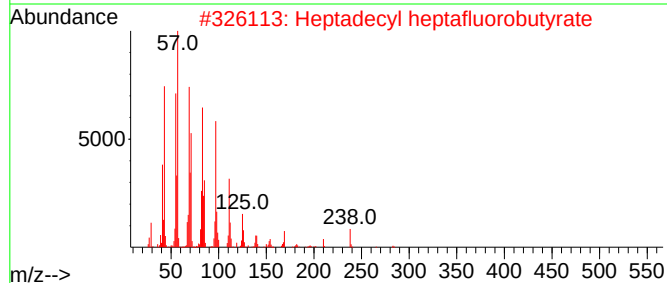
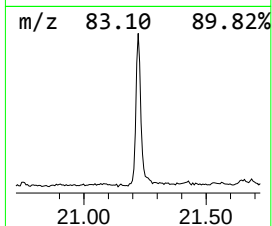
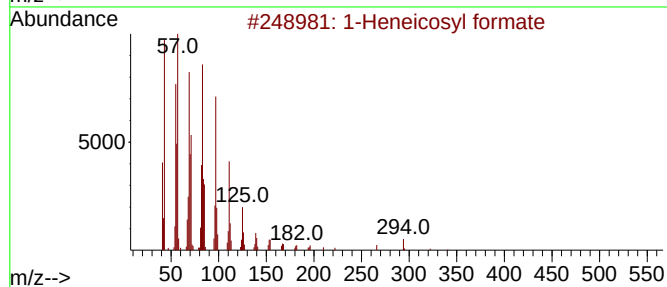
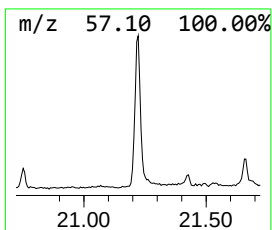
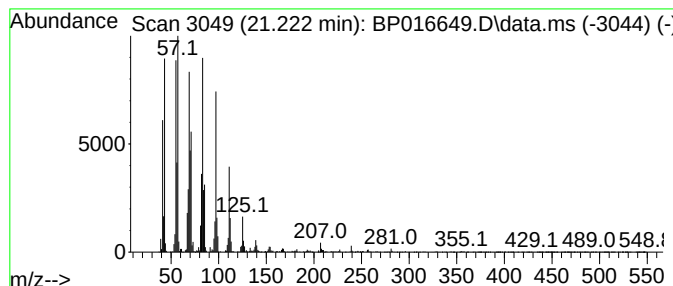
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1-Heneicosyl formate Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.222 | 7.65 ng/ul | 1923510 | Chrysene-d12     | 21.563 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7 | 96   |
| 2    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6 | 94   |
| 3    |    |   | Pentacos-1-ene                      | 350 | C25H50      | 016980-85-1 | 91   |
| 4    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 5    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081823\  
Data File : BP016649.D  
Acq On : 18 Aug 2023 19:47  
Operator : MA/JU  
Sample : 03968-27  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A48P4

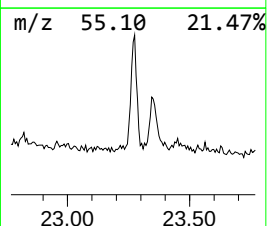
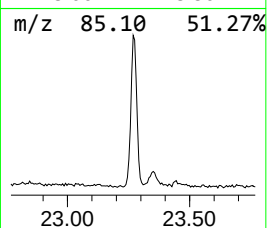
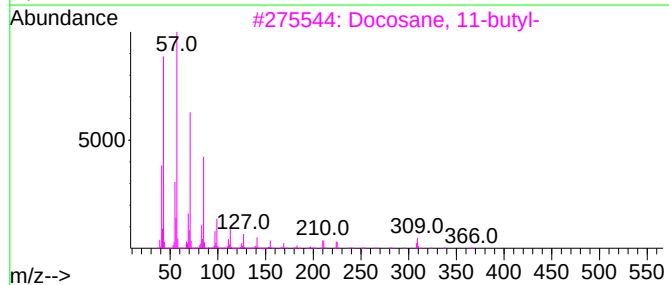
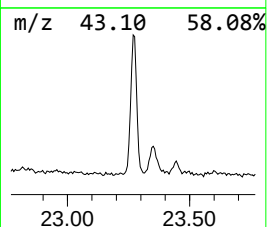
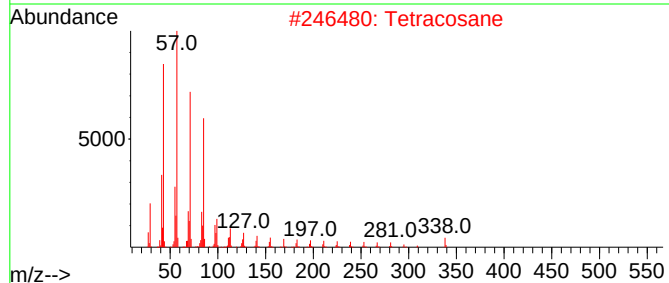
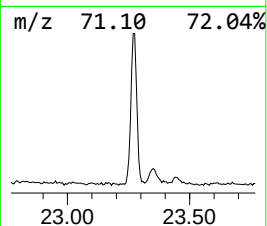
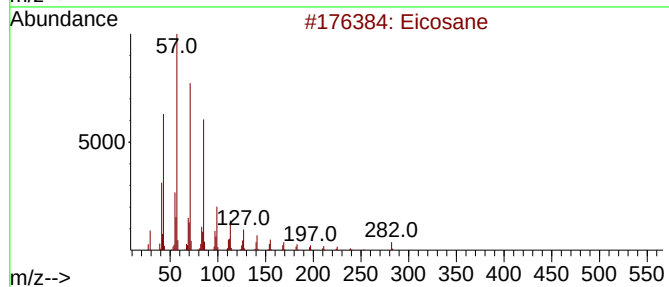
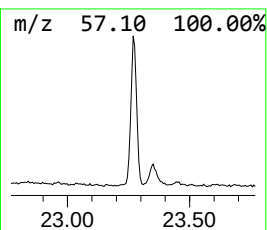
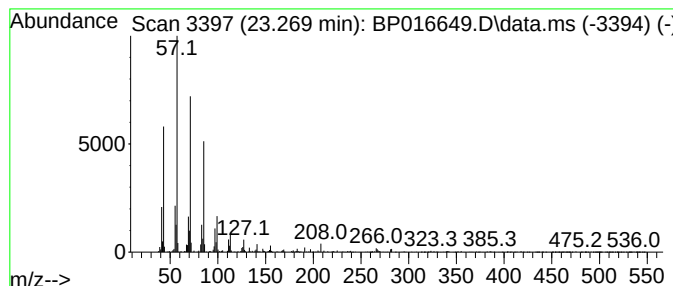
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.269 | 3.66 ng/ul | 759959 | Perylene-d12     | 24.151 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane            | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |    |   | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8 | 91   |
| 4    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3 | 87   |
| 5    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081823\  
Data File : BP016649.D  
Acq On : 18 Aug 2023 19:47  
Operator : MA/JU  
Sample : 03968-27  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A48P4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081423.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 ... | 18.310 | 7.2     | ng/ul | 1918970  | 4                     | 17.469 | 5323340 | 20.0 |
| Octadecanoic acid  | 19.539 | 3.1     | ng/ul | 784927   | 5                     | 21.563 | 5027920 | 20.0 |
| 1-Heneicosyl fo... | 21.222 | 7.7     | ng/ul | 1923510  | 5                     | 21.563 | 5027920 | 20.0 |
| (DEL) Alkane: S... | 23.269 | 3.7     | ng/ul | 759959   | 6                     | 24.151 | 4148300 | 20.0 |