

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112822\  
 Data File : BP012820.D  
 Acq On : 28 Nov 2022 17:04  
 Operator : CG/JU  
 Sample : N5661-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C9823

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-BP112522.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP012820.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         | 3.399       | 32            | 36          | 43           | rVB      | 212415         | 260957        | 1.88%           | 0.186%        |
| 2         | 3.675       | 80            | 83          | 91           | rBV      | 59160          | 86352         | 0.62%           | 0.062%        |
| 3         | 3.823       | 104           | 108         | 127          | rBV      | 1600172        | 2403135       | 17.28%          | 1.713%        |
| 4         | 4.064       | 145           | 149         | 156          | rVB2     | 37644          | 61259         | 0.44%           | 0.044%        |
| 5         | 4.158       | 162           | 165         | 170          | rVB      | 41650          | 54979         | 0.40%           | 0.039%        |
| 6         | 4.534       | 227           | 229         | 236          | rVB8     | 13528          | 18655         | 0.13%           | 0.013%        |
| 7         | 5.105       | 322           | 326         | 331          | rVB4     | 12014          | 18779         | 0.14%           | 0.013%        |
| 8         | 6.975       | 639           | 644         | 648          | rBV6     | 11079          | 20719         | 0.15%           | 0.015%        |
| 9         | 7.164       | 669           | 676         | 690          | rVB      | 2722096        | 4258847       | 30.63%          | 3.036%        |
| 10        | 7.340       | 699           | 706         | 716          | rVB      | 2375245        | 3646985       | 26.23%          | 2.599%        |
| 11        | 7.540       | 733           | 740         | 752          | rBV      | 2787942        | 4433351       | 31.88%          | 3.160%        |
| 12        | 8.016       | 810           | 821         | 828          | rBV      | 1894705        | 2968003       | 21.34%          | 2.116%        |
| 13        | 8.075       | 828           | 831         | 835          | rVB3     | 17986          | 22806         | 0.16%           | 0.016%        |
| 14        | 8.558       | 905           | 913         | 918          | rVB9     | 8871           | 17353         | 0.12%           | 0.012%        |
| 15        | 8.716       | 932           | 940         | 949          | rBV      | 3250135        | 5137153       | 36.94%          | 3.662%        |
| 16        | 8.834       | 956           | 960         | 966          | rVB6     | 13186          | 27218         | 0.20%           | 0.019%        |
| 17        | 9.181       | 1011          | 1019        | 1031         | rBV      | 2457094        | 3944187       | 28.36%          | 2.811%        |
| 18        | 9.269       | 1031          | 1034        | 1040         | rVB7     | 8695           | 18618         | 0.13%           | 0.013%        |
| 19        | 9.352       | 1040          | 1048        | 1050         | rBV8     | 14949          | 27320         | 0.20%           | 0.019%        |
| 20        | 9.599       | 1086          | 1090        | 1098         | rVB      | 44141          | 73604         | 0.53%           | 0.052%        |
| 21        | 9.758       | 1110          | 1117        | 1120         | rVB3     | 10958          | 18755         | 0.13%           | 0.013%        |
| 22        | 9.905       | 1135          | 1142        | 1153         | rBV      | 1918710        | 3168658       | 22.79%          | 2.259%        |
| 23        | 9.987       | 1153          | 1156        | 1161         | rVB7     | 13644          | 22035         | 0.16%           | 0.016%        |
| 24        | 10.234      | 1193          | 1198        | 1205         | rVB9     | 13659          | 24480         | 0.18%           | 0.017%        |
| 25        | 10.446      | 1225          | 1234        | 1247         | rBV      | 3145157        | 5388740       | 38.75%          | 3.841%        |
| 26        | 10.834      | 1291          | 1300        | 1307         | rBV      | 2487082        | 4218152       | 30.33%          | 3.007%        |
| 27        | 10.881      | 1307          | 1308        | 1313         | rVB2     | 16955          | 16516         | 0.12%           | 0.012%        |
| 28        | 10.963      | 1313          | 1322        | 1338         | rBV      | 1949161        | 3319645       | 23.87%          | 2.366%        |
| 29        | 11.175      | 1353          | 1358        | 1365         | rVV      | 9723           | 22336         | 0.16%           | 0.016%        |
| 30        | 11.599      | 1425          | 1430        | 1436         | rBV9     | 8508           | 20654         | 0.15%           | 0.015%        |
| 31        | 11.852      | 1469          | 1473        | 1482         | rVB9     | 7233           | 14914         | 0.11%           | 0.011%        |
| 32        | 12.099      | 1509          | 1515        | 1519         | rBV7     | 16388          | 26770         | 0.19%           | 0.019%        |
| 33        | 12.246      | 1535          | 1540        | 1546         | rVB6     | 14151          | 21884         | 0.16%           | 0.016%        |
| 34        | 12.410      | 1562          | 1568        | 1575         | rVB      | 59290          | 96668         | 0.70%           | 0.069%        |
| 35        | 12.481      | 1575          | 1580        | 1587         | rBV3     | 18674          | 34130         | 0.25%           | 0.024%        |
| 36        | 12.628      | 1597          | 1605        | 1610         | rVB3     | 6663           | 16762         | 0.12%           | 0.012%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112822\  
 Data File : BP012820.D  
 Acq On : 28 Nov 2022 17:04  
 Operator : CG/JU  
 Sample : N5661-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C9823

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-BP112522.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 12.704 | 1613 | 1618 | 1622 | rVB2 | 17251   | 27252    | 0.20%  | 0.019% |
| 38 | 12.840 | 1632 | 1641 | 1647 | rBV7 | 17830   | 42152    | 0.30%  | 0.030% |
| 39 | 13.475 | 1738 | 1749 | 1755 | rVV5 | 54998   | 131633   | 0.95%  | 0.094% |
| 40 | 13.540 | 1755 | 1760 | 1768 | rVV3 | 38000   | 84273    | 0.61%  | 0.060% |
| 41 | 13.616 | 1768 | 1773 | 1780 | rVB7 | 15227   | 33307    | 0.24%  | 0.024% |
| 42 | 14.057 | 1841 | 1848 | 1854 | rBV  | 4865698 | 6609608  | 47.53% | 4.711% |
| 43 | 14.098 | 1854 | 1855 | 1863 | rVV2 | 36563   | 47338    | 0.34%  | 0.034% |
| 44 | 14.169 | 1863 | 1867 | 1873 | rVB8 | 11769   | 15147    | 0.11%  | 0.011% |
| 45 | 14.346 | 1890 | 1897 | 1908 | rBV  | 6120361 | 8846953  | 63.62% | 6.306% |
| 46 | 14.545 | 1927 | 1931 | 1936 | rVB4 | 20652   | 27792    | 0.20%  | 0.020% |
| 47 | 14.651 | 1941 | 1949 | 1956 | rBV  | 3611866 | 5162666  | 37.13% | 3.680% |
| 48 | 14.716 | 1956 | 1960 | 1967 | rVB2 | 27201   | 40638    | 0.29%  | 0.029% |
| 49 | 14.828 | 1972 | 1979 | 1995 | rBV  | 1882371 | 2684993  | 19.31% | 1.914% |
| 50 | 14.963 | 1999 | 2002 | 2006 | rVV3 | 24578   | 38434    | 0.28%  | 0.027% |
| 51 | 15.004 | 2006 | 2009 | 2013 | rVV6 | 13288   | 21512    | 0.15%  | 0.015% |
| 52 | 15.051 | 2013 | 2017 | 2023 | rVB3 | 53200   | 94000    | 0.68%  | 0.067% |
| 53 | 15.269 | 2050 | 2054 | 2060 | rVB8 | 13619   | 21212    | 0.15%  | 0.015% |
| 54 | 15.463 | 2083 | 2087 | 2090 | rVV2 | 21240   | 36591    | 0.26%  | 0.026% |
| 55 | 15.493 | 2090 | 2092 | 2097 | rVB5 | 16420   | 18616    | 0.13%  | 0.013% |
| 56 | 15.645 | 2109 | 2118 | 2124 | rBV  | 7511439 | 10631605 | 76.46% | 7.578% |
| 57 | 15.692 | 2124 | 2126 | 2130 | rVV2 | 52477   | 67702    | 0.49%  | 0.048% |
| 58 | 15.751 | 2130 | 2136 | 2149 | rVB  | 1723174 | 2331460  | 16.77% | 1.662% |
| 59 | 15.887 | 2155 | 2159 | 2160 | rBV3 | 31446   | 43084    | 0.31%  | 0.031% |
| 60 | 16.004 | 2174 | 2179 | 2185 | rBV  | 44106   | 61077    | 0.44%  | 0.044% |
| 61 | 16.428 | 2247 | 2251 | 2257 | rVB8 | 12138   | 17450    | 0.13%  | 0.012% |
| 62 | 16.587 | 2274 | 2278 | 2282 | rBV7 | 12152   | 16718    | 0.12%  | 0.012% |
| 63 | 16.704 | 2294 | 2298 | 2302 | rBV4 | 21256   | 28453    | 0.20%  | 0.020% |
| 64 | 17.045 | 2353 | 2356 | 2360 | rBV6 | 10765   | 18127    | 0.13%  | 0.013% |
| 65 | 17.404 | 2411 | 2417 | 2423 | rBV  | 3973287 | 5578544  | 40.12% | 3.976% |
| 66 | 17.504 | 2428 | 2434 | 2444 | rVV  | 7829318 | 10805507 | 77.71% | 7.702% |
| 67 | 17.587 | 2445 | 2448 | 2454 | rVB  | 127141  | 173012   | 1.24%  | 0.123% |
| 68 | 17.810 | 2483 | 2486 | 2490 | rVB2 | 17494   | 21916    | 0.16%  | 0.016% |
| 69 | 18.216 | 2552 | 2555 | 2560 | rBV7 | 16668   | 25141    | 0.18%  | 0.018% |
| 70 | 18.275 | 2560 | 2565 | 2574 | rBV  | 728346  | 1012396  | 7.28%  | 0.722% |
| 71 | 18.475 | 2597 | 2599 | 2607 | rVB9 | 19308   | 27476    | 0.20%  | 0.020% |
| 72 | 18.692 | 2633 | 2636 | 2639 | rBV4 | 12490   | 19634    | 0.14%  | 0.014% |
| 73 | 19.310 | 2737 | 2741 | 2746 | rBV3 | 97995   | 130304   | 0.94%  | 0.093% |
| 74 | 19.375 | 2747 | 2752 | 2756 | rBV  | 112624  | 215316   | 1.55%  | 0.153% |
| 75 | 19.504 | 2770 | 2774 | 2789 | rBV  | 341997  | 541860   | 3.90%  | 0.386% |
| 76 | 19.733 | 2807 | 2813 | 2828 | rBV  | 9683063 | 12636262 | 90.87% | 9.007% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112822\  
Data File : BP012820.D  
Acq On : 28 Nov 2022 17:04  
Operator : CG/JU  
Sample : N5661-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C9823

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-BP112522.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |        |
|----|--------|------|------|------|------|---------|----------|---------|--------|
| 77 | 21.180 | 3055 | 3059 | 3068 | rBV  | 756038  | 1172613  | 8.43%   | 0.836% |
| 78 | 21.492 | 3107 | 3112 | 3122 | rVB  | 4674555 | 6164122  | 44.33%  | 4.394% |
| 79 | 23.845 | 3504 | 3512 | 3529 | rVB2 | 6697198 | 13905527 | 100.00% | 9.912% |
| 80 | 24.004 | 3532 | 3539 | 3551 | rVB2 | 3225550 | 6734854  | 48.43%  | 4.800% |

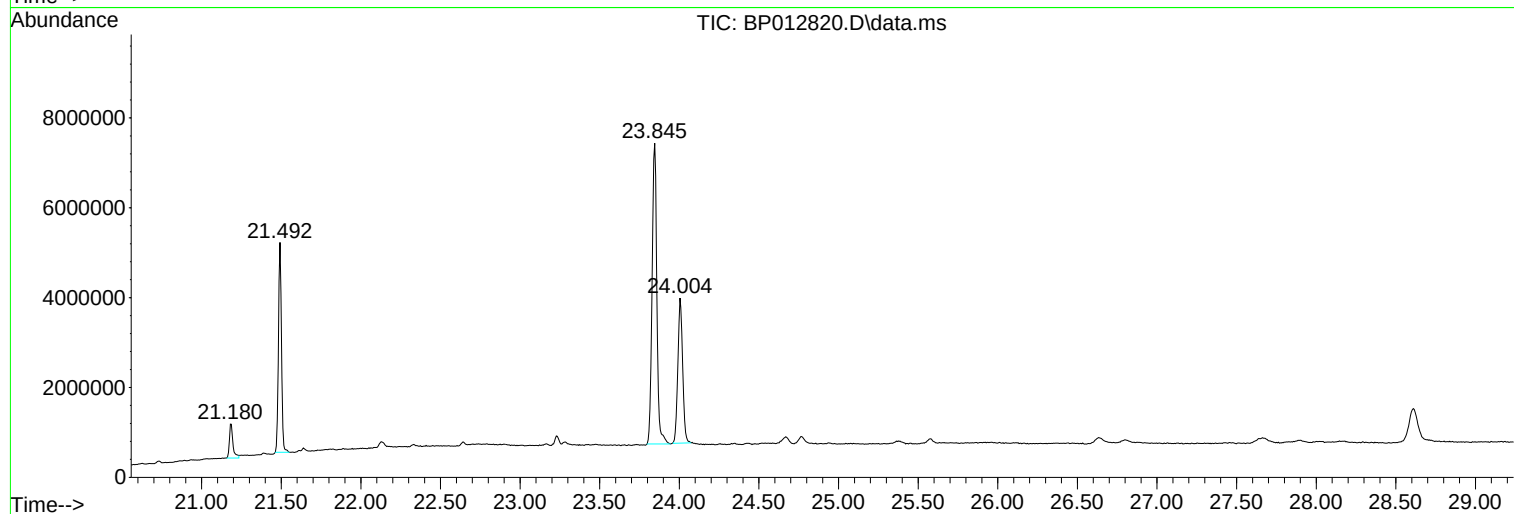
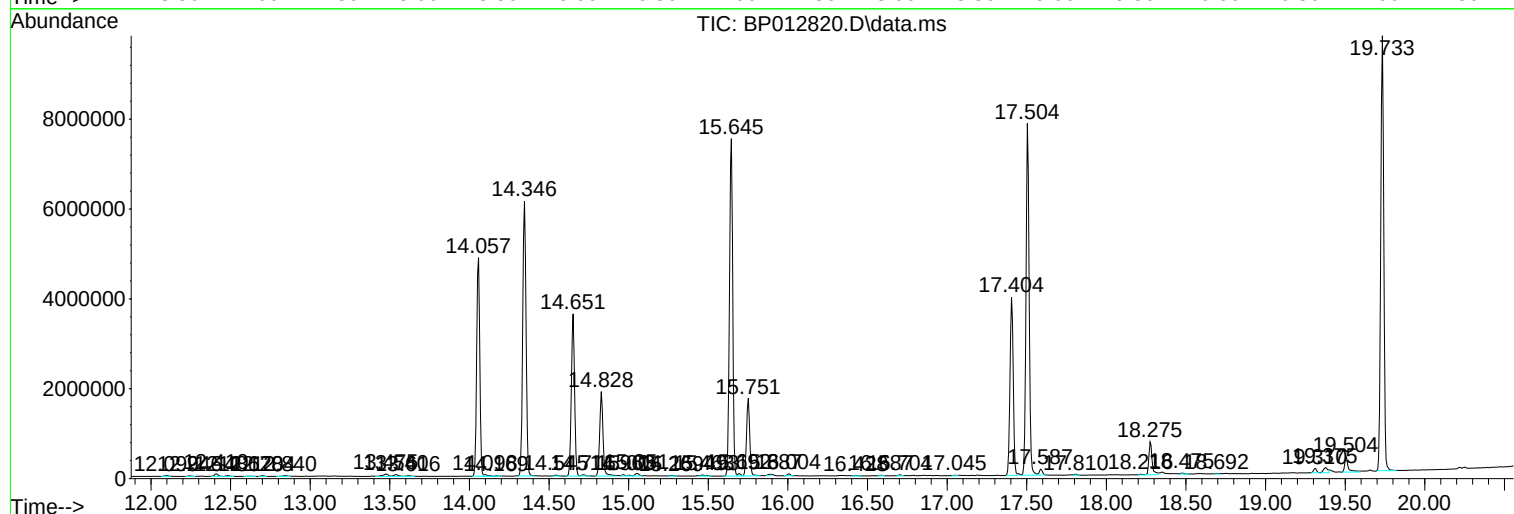
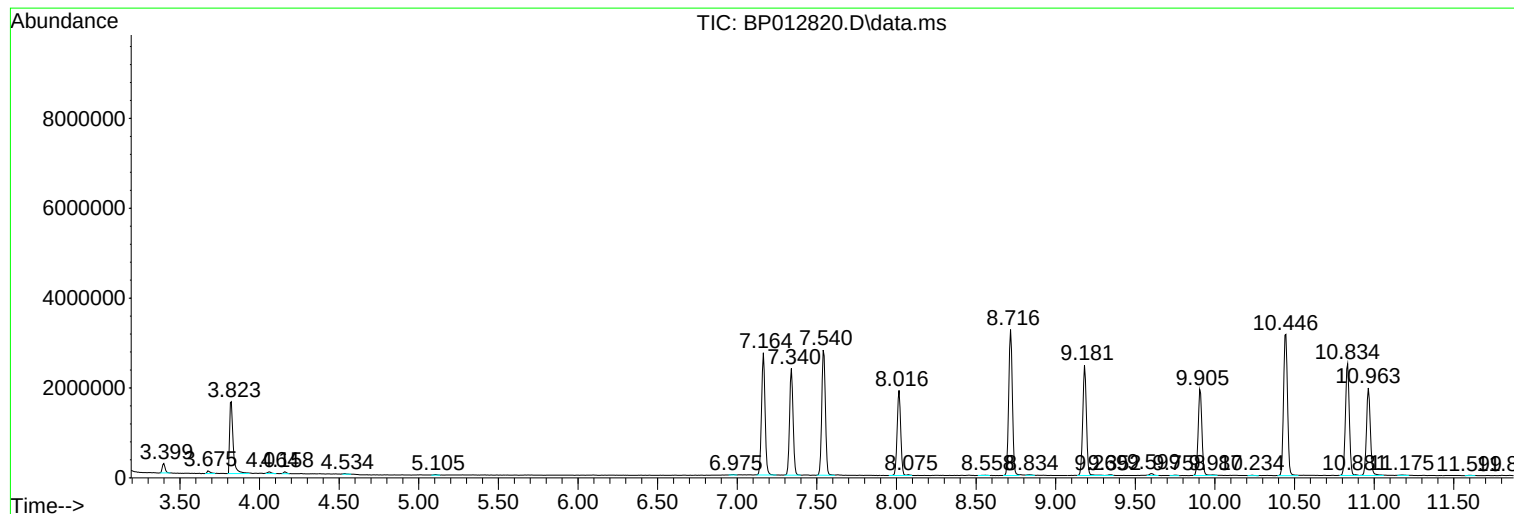
Sum of corrected areas: 140295656

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112822\  
Data File : BP012820.D  
Acq On : 28 Nov 2022 17:04  
Operator : CG/JU  
Sample : N5661-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C9823

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112522.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112822\  
Data File : BP012820.D  
Acq On : 28 Nov 2022 17:04  
Operator : CG/JU  
Sample : N5661-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C9823

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112522.M  
Quant Title : SVOA CALIBRATION

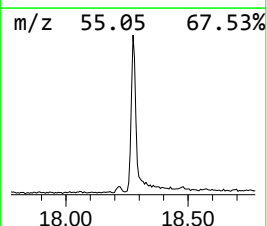
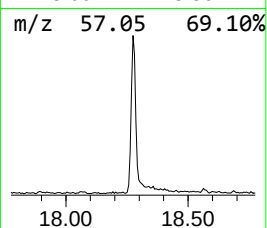
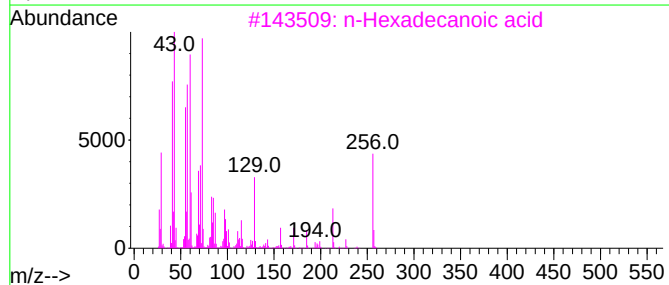
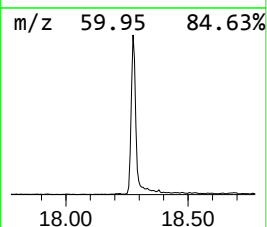
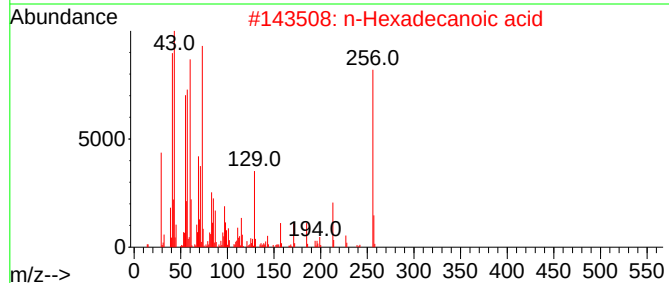
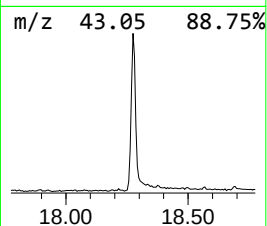
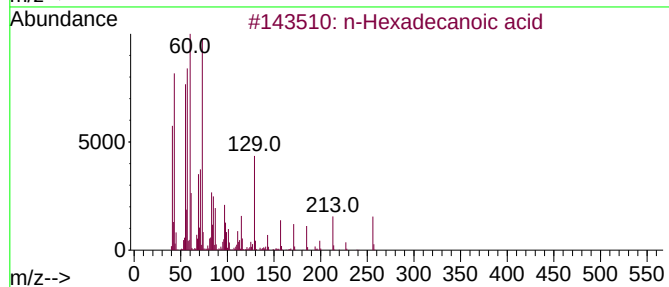
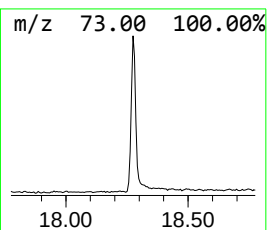
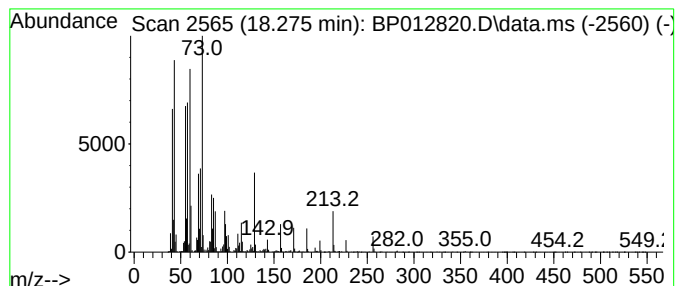
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.275 | 3.63 ng/ul | 1012400 | Phenanthrene-d10 | 17.404 |

| 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    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112822\  
Data File : BP012820.D  
Acq On : 28 Nov 2022 17:04  
Operator : CG/JU  
Sample : N5661-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C9823

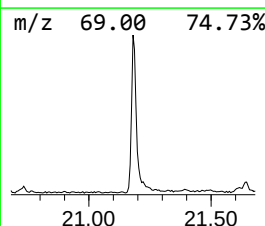
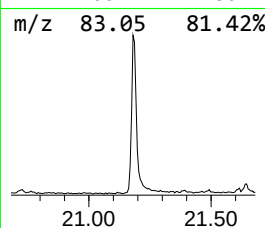
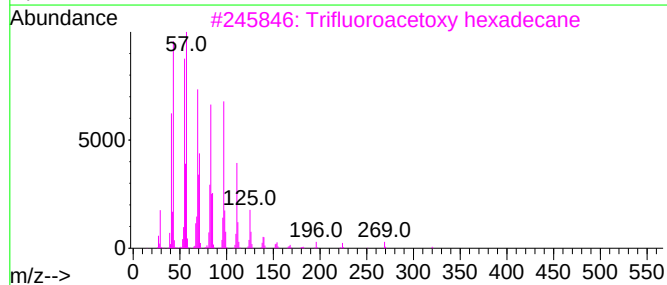
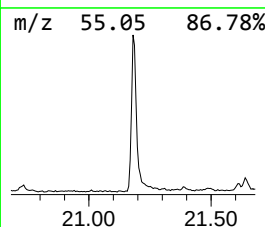
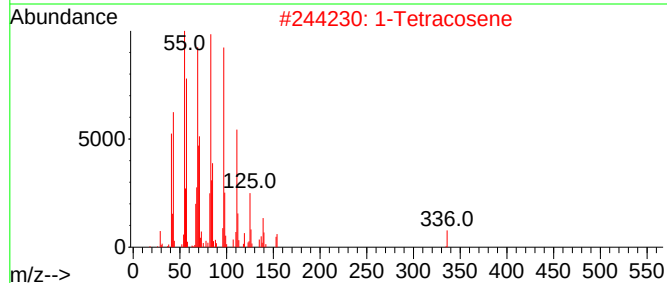
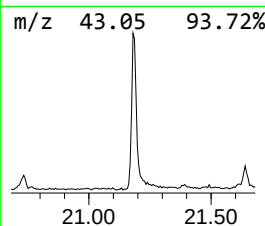
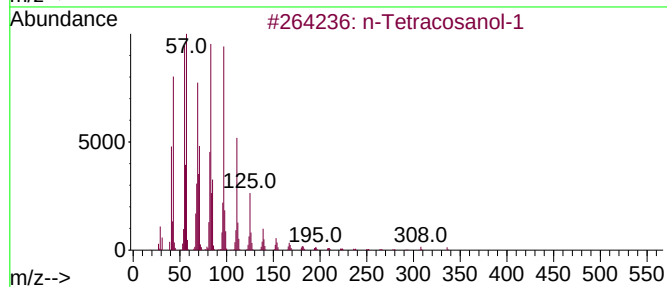
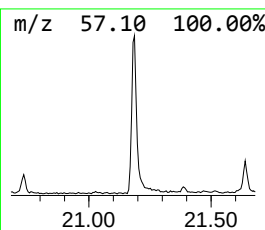
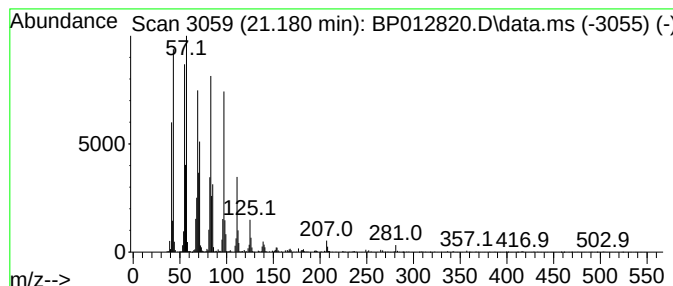
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112522.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.180 | 3.80 ng/ul | 1172610 | Chrysene-d12     | 21.492 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-----------------------------|-----|------------|-------------|------|
| 1    |    |   | n-Tetracosanol-1            | 354 | C24H50O    | 000506-51-4 | 94   |
| 2    |    |   | 1-Tetracosene               | 336 | C24H48     | 010192-32-2 | 94   |
| 3    |    |   | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94   |
| 4    |    |   | 1-Heneicosyl formate        | 340 | C22H44O2   | 077899-03-7 | 94   |
| 5    |    |   | Behenic alcohol             | 326 | C22H46O    | 000661-19-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP112822\  
Data File : BP012820.D  
Acq On : 28 Nov 2022 17:04  
Operator : CG/JU  
Sample : N5661-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C9823

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112522.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 ... | 18.275 | 3.6     | ng/ul | 1012400  | 4                     | 17.404 | 5578540 | 20.0 |
| n-Tetracosanol-1   | 21.180 | 3.8     | ng/ul | 1172610  | 5                     | 21.492 | 6164120 | 20.0 |