

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050823\  
 Data File : BP015008.D  
 Acq On : 09 May 2023 00:03  
 Operator : CG/JU  
 Sample : 02609-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JREJO

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-BP050323.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP015008.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         | 3.458       | 8             | 12          | 20           | rVB      | 64765          | 88214         | 1.03%           | 0.106%        |
| 2         | 3.752       | 59            | 62          | 71           | rVB      | 21797          | 38454         | 0.45%           | 0.046%        |
| 3         | 3.899       | 84            | 87          | 102          | rBV      | 235444         | 380811        | 4.46%           | 0.458%        |
| 4         | 4.246       | 142           | 146         | 156          | rVB      | 22720          | 38984         | 0.46%           | 0.047%        |
| 5         | 5.199       | 304           | 308         | 314          | rVB7     | 7807           | 14232         | 0.17%           | 0.017%        |
| 6         | 7.305       | 660           | 666         | 678          | rVB      | 304310         | 488983        | 5.73%           | 0.588%        |
| 7         | 7.475       | 688           | 695         | 705          | rBV      | 1182093        | 1858480       | 21.78%          | 2.235%        |
| 8         | 7.681       | 723           | 730         | 740          | rBV      | 1038045        | 1671835       | 19.59%          | 2.010%        |
| 9         | 7.940       | 769           | 774         | 783          | rVB10    | 6041           | 9356          | 0.11%           | 0.011%        |
| 10        | 8.158       | 804           | 811         | 818          | rBV      | 1252661        | 2018599       | 23.66%          | 2.427%        |
| 11        | 8.869       | 923           | 932         | 943          | rBV      | 726254         | 1210942       | 14.19%          | 1.456%        |
| 12        | 9.340       | 1004          | 1012        | 1019         | rBV      | 1104556        | 1871523       | 21.93%          | 2.250%        |
| 13        | 9.493       | 1032          | 1038        | 1043         | rVB9     | 5301           | 9131          | 0.11%           | 0.011%        |
| 14        | 9.734       | 1075          | 1079        | 1086         | rVV3     | 18318          | 37791         | 0.44%           | 0.045%        |
| 15        | 9.799       | 1086          | 1090        | 1097         | rVB8     | 8524           | 14086         | 0.17%           | 0.017%        |
| 16        | 10.063      | 1128          | 1135        | 1147         | rBV      | 830991         | 1368393       | 16.04%          | 1.645%        |
| 17        | 10.605      | 1219          | 1227        | 1241         | rBV      | 1270489        | 2186454       | 25.62%          | 2.629%        |
| 18        | 10.999      | 1285          | 1294        | 1302         | rBV      | 1704982        | 2937973       | 34.43%          | 3.532%        |
| 19        | 11.128      | 1309          | 1316        | 1327         | rBV      | 386015         | 672002        | 7.88%           | 0.808%        |
| 20        | 11.387      | 1354          | 1360        | 1366         | rVB10    | 6997           | 14387         | 0.17%           | 0.017%        |
| 21        | 11.528      | 1379          | 1384        | 1385         | rBV5     | 6066           | 8921          | 0.10%           | 0.011%        |
| 22        | 11.657      | 1404          | 1406        | 1412         | rVB7     | 6593           | 10187         | 0.12%           | 0.012%        |
| 23        | 11.810      | 1422          | 1432        | 1439         | rBV4     | 29577          | 74742         | 0.88%           | 0.090%        |
| 24        | 11.881      | 1440          | 1444        | 1448         | rBV7     | 7954           | 12907         | 0.15%           | 0.016%        |
| 25        | 12.299      | 1509          | 1515        | 1522         | rVB6     | 6305           | 14518         | 0.17%           | 0.017%        |
| 26        | 12.569      | 1556          | 1561        | 1568         | rBV      | 29372          | 49529         | 0.58%           | 0.060%        |
| 27        | 13.193      | 1658          | 1667        | 1670         | rBV      | 6064           | 15253         | 0.18%           | 0.018%        |
| 28        | 13.616      | 1736          | 1739        | 1742         | rVB2     | 18350          | 20227         | 0.24%           | 0.024%        |
| 29        | 13.687      | 1747          | 1751        | 1756         | rVB      | 58863          | 88014         | 1.03%           | 0.106%        |
| 30        | 13.775      | 1764          | 1766        | 1772         | rVB5     | 6835           | 9267          | 0.11%           | 0.011%        |
| 31        | 14.204      | 1831          | 1839        | 1853         | rBV      | 3375848        | 4656158       | 54.57%          | 5.598%        |
| 32        | 14.322      | 1855          | 1859        | 1866         | rVB8     | 17140          | 26094         | 0.31%           | 0.031%        |
| 33        | 14.498      | 1882          | 1889        | 1900         | rBV      | 3738225        | 5685079       | 66.63%          | 6.835%        |
| 34        | 14.728      | 1923          | 1928        | 1933         | rVB5     | 28796          | 40789         | 0.48%           | 0.049%        |
| 35        | 14.804      | 1934          | 1941        | 1950         | rBV      | 3160528        | 4604390       | 53.96%          | 5.536%        |
| 36        | 14.904      | 1954          | 1958        | 1965         | rVB3     | 10524          | 18863         | 0.22%           | 0.023%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050823\  
 Data File : BP015008.D  
 Acq On : 09 May 2023 00:03  
 Operator : CG/JU  
 Sample : 02609-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JREJ0

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-BP050323.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.993 | 1966 | 1973 | 1987 | rBV  | 167367  | 336339  | 3.94%   | 0.404%  |
| 38 | 15.204 | 2006 | 2009 | 2014 | rVB7 | 11977   | 16432   | 0.19%   | 0.020%  |
| 39 | 15.534 | 2062 | 2065 | 2069 | rVB  | 16356   | 19613   | 0.23%   | 0.024%  |
| 40 | 15.798 | 2103 | 2110 | 2122 | rBV  | 4860858 | 7047514 | 82.59%  | 8.474%  |
| 41 | 15.910 | 2123 | 2129 | 2140 | rVV  | 960601  | 1360044 | 15.94%  | 1.635%  |
| 42 | 15.998 | 2141 | 2144 | 2148 | rVV  | 25355   | 45691   | 0.54%   | 0.055%  |
| 43 | 16.034 | 2148 | 2150 | 2158 | rVB2 | 25322   | 38805   | 0.45%   | 0.047%  |
| 44 | 16.157 | 2165 | 2171 | 2183 | rBV  | 1770187 | 2421518 | 28.38%  | 2.912%  |
| 45 | 16.722 | 2263 | 2267 | 2273 | rBV2 | 30488   | 45909   | 0.54%   | 0.055%  |
| 46 | 16.934 | 2301 | 2303 | 2306 | rBV4 | 7047    | 9091    | 0.11%   | 0.011%  |
| 47 | 17.181 | 2342 | 2345 | 2349 | rBV5 | 18050   | 21364   | 0.25%   | 0.026%  |
| 48 | 17.298 | 2361 | 2365 | 2369 | rBV3 | 23203   | 32038   | 0.38%   | 0.039%  |
| 49 | 17.563 | 2403 | 2410 | 2420 | rBV  | 3763185 | 5495642 | 64.41%  | 6.608%  |
| 50 | 17.663 | 2420 | 2427 | 2439 | rVV  | 5048472 | 7524510 | 88.18%  | 9.047%  |
| 51 | 18.416 | 2550 | 2555 | 2564 | rBV  | 380762  | 565309  | 6.63%   | 0.680%  |
| 52 | 19.122 | 2672 | 2675 | 2678 | rVB4 | 33282   | 37282   | 0.44%   | 0.045%  |
| 53 | 19.457 | 2728 | 2732 | 2736 | rBV2 | 75976   | 97386   | 1.14%   | 0.117%  |
| 54 | 19.522 | 2739 | 2743 | 2747 | rVB  | 78946   | 109926  | 1.29%   | 0.132%  |
| 55 | 19.639 | 2759 | 2763 | 2773 | rBV2 | 92977   | 153093  | 1.79%   | 0.184%  |
| 56 | 19.781 | 2784 | 2787 | 2791 | rBV4 | 42024   | 45926   | 0.54%   | 0.055%  |
| 57 | 19.881 | 2798 | 2804 | 2811 | rBV  | 6253097 | 8532882 | 100.00% | 10.260% |
| 58 | 21.310 | 3043 | 3047 | 3056 | rBV  | 1049317 | 1469792 | 17.23%  | 1.767%  |
| 59 | 21.639 | 3098 | 3103 | 3113 | rBV2 | 3600170 | 4903780 | 57.47%  | 5.896%  |
| 60 | 22.957 | 3323 | 3327 | 3335 | rVB  | 392045  | 574121  | 6.73%   | 0.690%  |
| 61 | 24.069 | 3509 | 3516 | 3533 | rVB2 | 2731391 | 6035909 | 70.74%  | 7.257%  |
| 62 | 24.239 | 3538 | 3545 | 3556 | rVB2 | 1807204 | 3964521 | 46.46%  | 4.767%  |

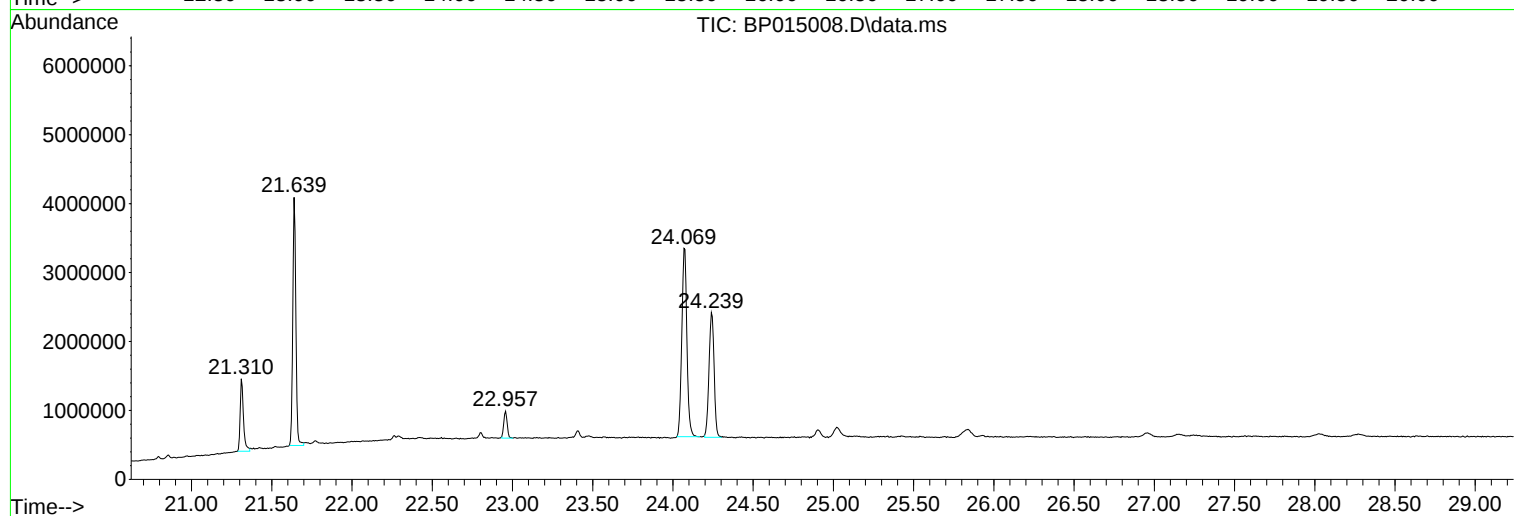
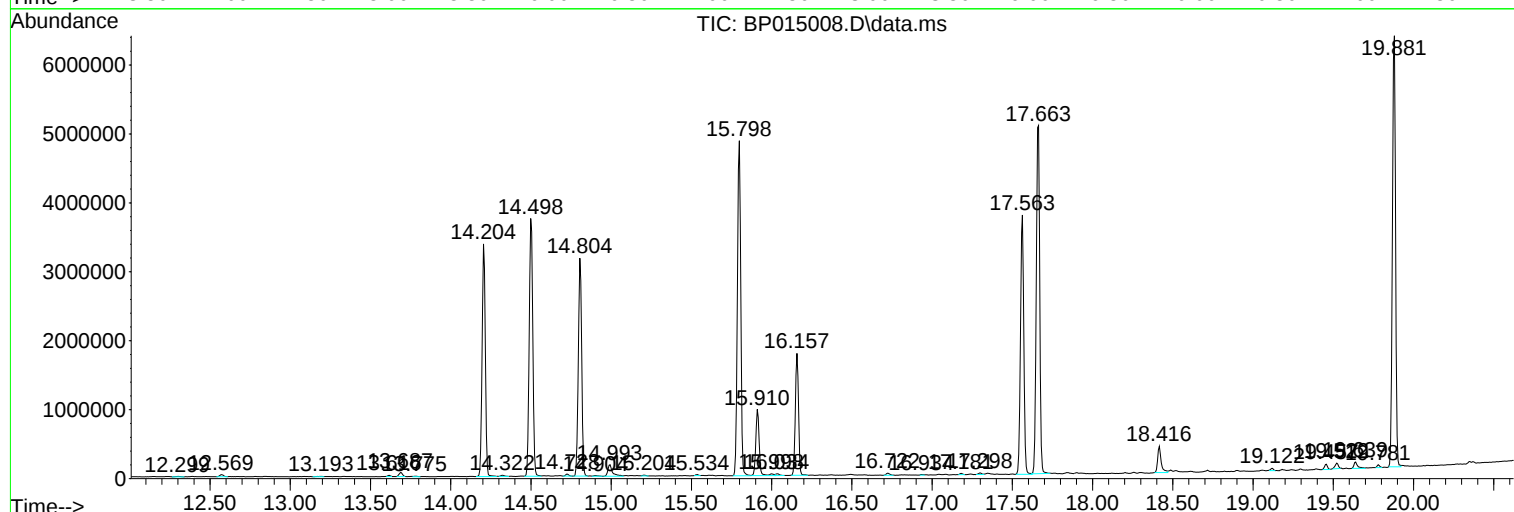
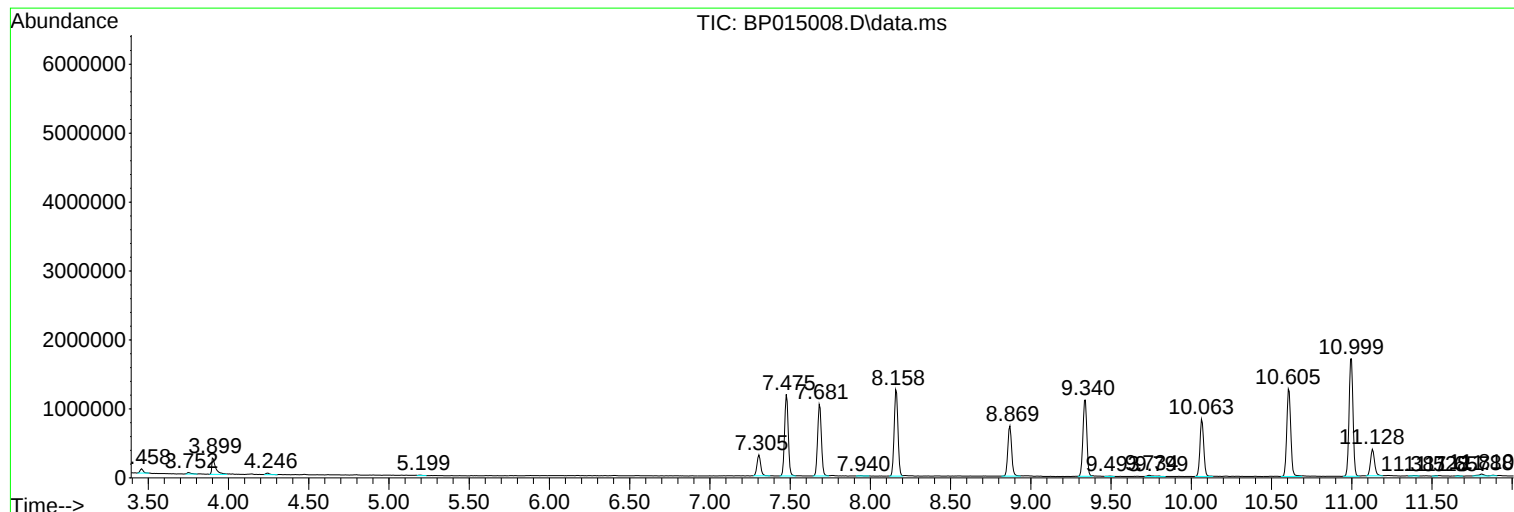
Sum of corrected areas: 83170005

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050823\  
Data File : BP015008.D  
Acq On : 09 May 2023 00:03  
Operator : CG/JU  
Sample : 02609-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREJ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.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\BP050823\  
Data File : BP015008.D  
Acq On : 09 May 2023 00:03  
Operator : CG/JU  
Sample : 02609-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREJO

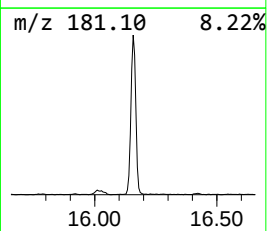
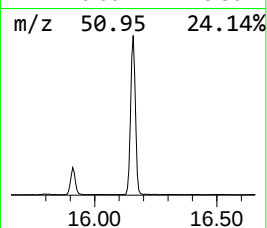
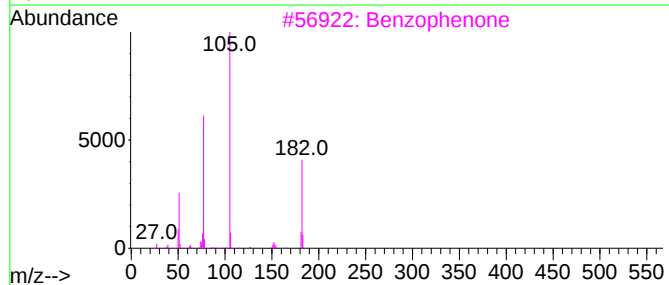
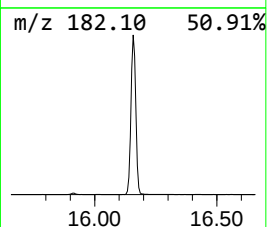
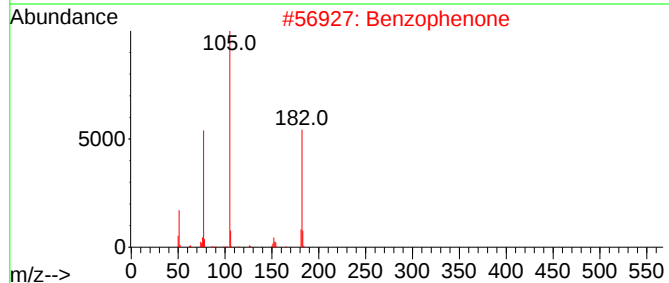
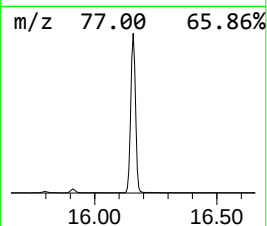
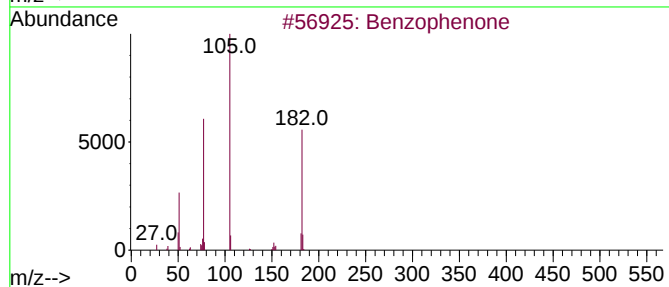
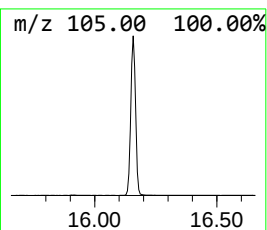
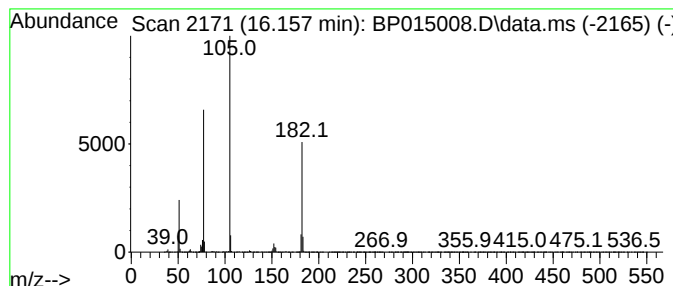
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 16.157 | 10.52 ng/ul | 2421520 | Acenaphthene-d10 | 14.804 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 93   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050823\  
Data File : BP015008.D  
Acq On : 09 May 2023 00:03  
Operator : CG/JU  
Sample : 02609-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREJO

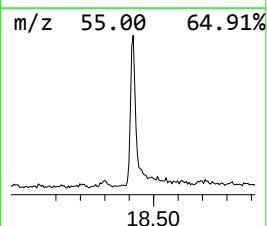
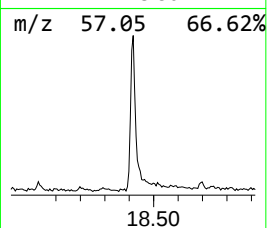
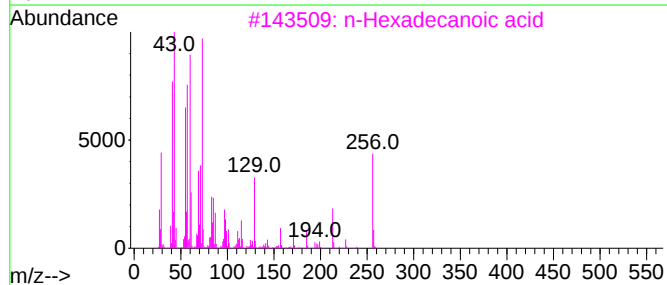
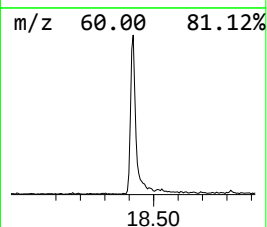
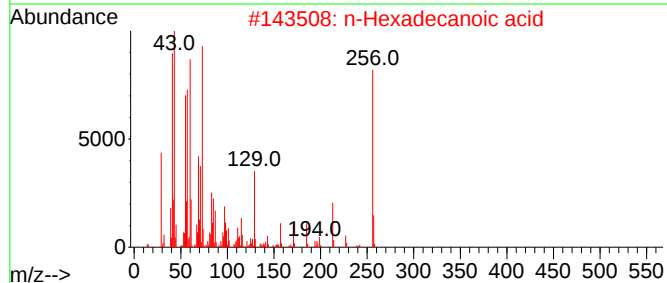
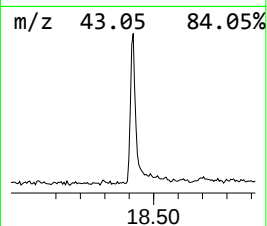
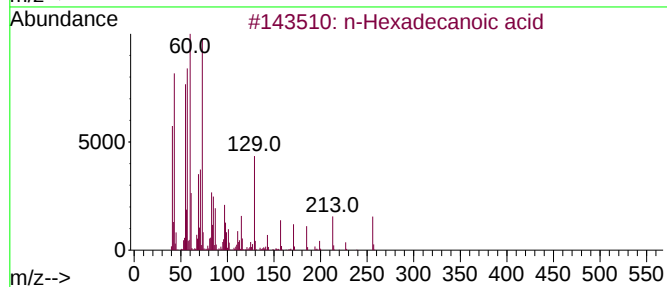
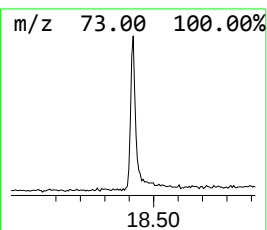
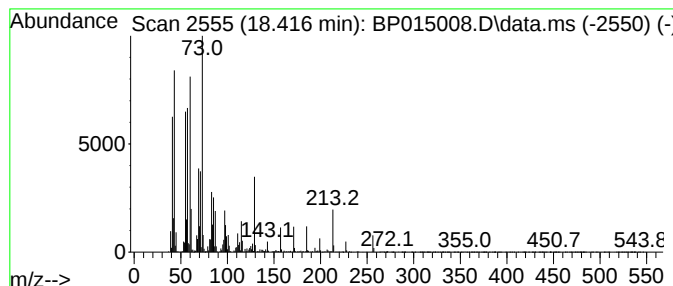
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.416 | 2.06 ng/ul | 565309 | Phenanthrene-d10 | 17.563 |

| 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    | Tridecanoic acid    | 214 | C13H26O2     | 000638-53-9 | 94      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050823\  
Data File : BP015008.D  
Acq On : 09 May 2023 00:03  
Operator : CG/JU  
Sample : 02609-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREJO

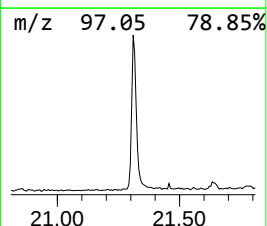
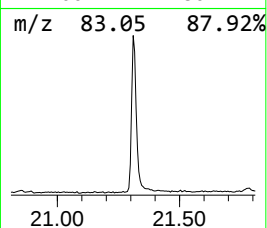
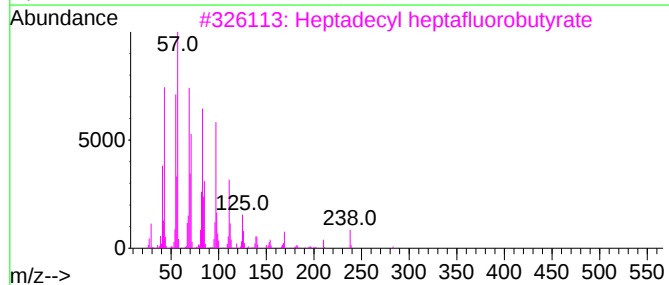
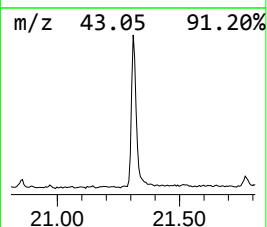
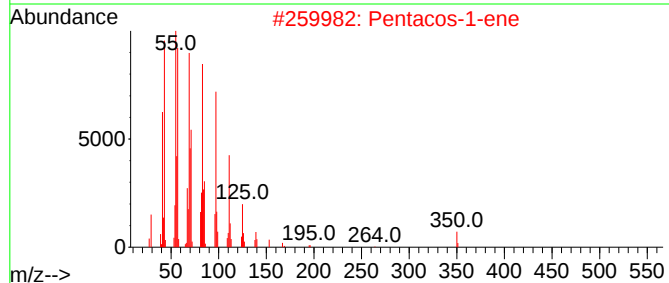
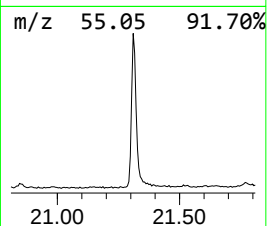
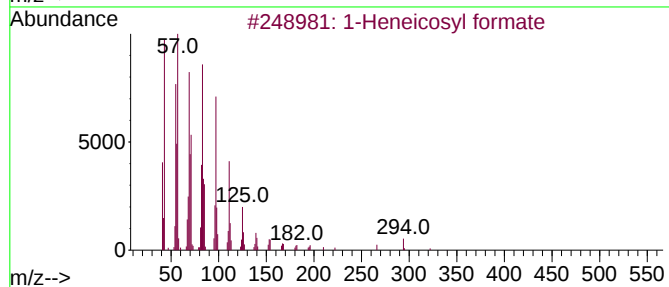
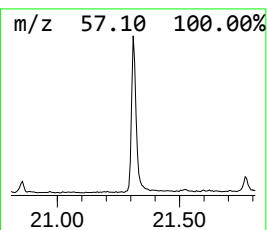
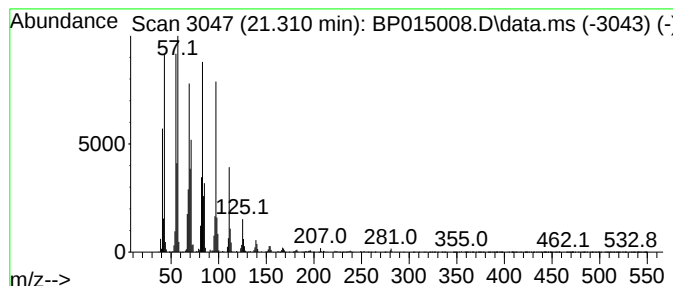
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1-Heneicosyl formate Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.310 | 5.99 ng/ul | 1469790 | Chrysene-d12     | 21.639 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heneicosyl formate           | 340 | C22H44O2   | 077899-03-7 | 96   |
| 2    |    |   | Pentacos-1-ene                 | 350 | C25H50     | 016980-85-1 | 94   |
| 3    |    |   | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94   |
| 4    |    |   | 1-Hexacosene                   | 364 | C26H52     | 018835-33-1 | 94   |
| 5    |    |   | n-Tetracosanol-1               | 354 | C24H50O    | 000506-51-4 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050823\  
Data File : BP015008.D  
Acq On : 09 May 2023 00:03  
Operator : CG/JU  
Sample : 02609-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREJO

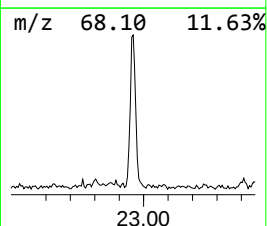
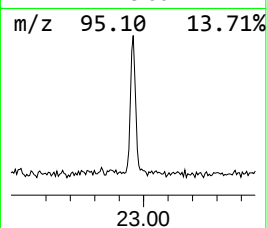
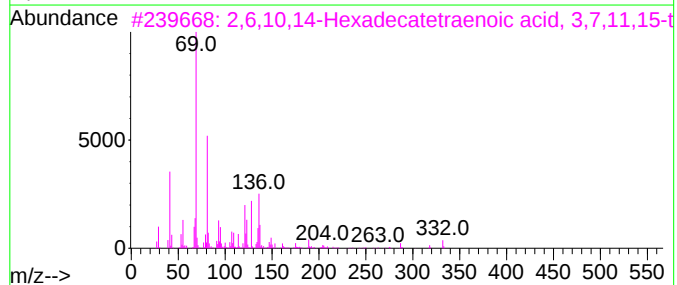
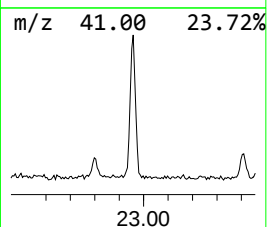
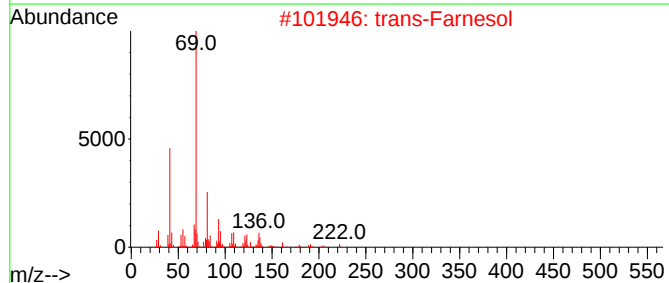
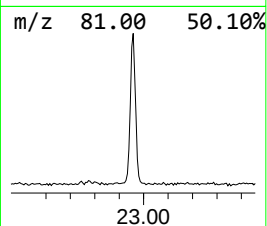
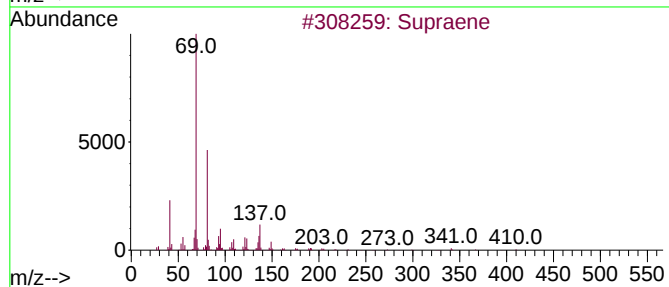
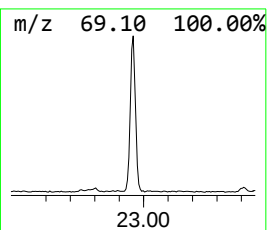
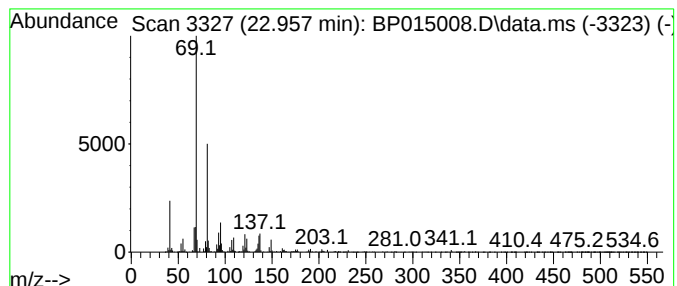
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Supraene Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.957 | 2.90 ng/ul | 574121 | Perylene-d12     | 24.239 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50   | 007683-64-9 | 91   |
| 2    |    |   | trans-Farnesol                      | 222 | C15H26O  | 000106-28-5 | 78   |
| 3    |    |   | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6 | 72   |
| 4    |    |   | 3,7,11-Trimethyl-2,6,10-dodecatr... | 217 | C15H23N  | 029789-67-1 | 64   |
| 5    |    |   | Bis(3-methylbut-3-enyl) phthalate   | 302 | C18H22O4 | 022711-53-1 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050823\  
Data File : BP015008.D  
Acq On : 09 May 2023 00:03  
Operator : CG/JU  
Sample : 02609-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREJ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.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 |
| Benzophenone       | 16.157 | 10.5    | ng/ul | 2421520  | 3                     | 14.804 | 4604390 | 20.0 |
| n-Hexadecanoic ... | 18.416 | 2.1     | ng/ul | 565309   | 4                     | 17.563 | 5495640 | 20.0 |
| 1-Heneicosyl fo... | 21.310 | 6.0     | ng/ul | 1469790  | 5                     | 21.639 | 4903780 | 20.0 |
| Supraene           | 22.957 | 2.9     | ng/ul | 574121   | 6                     | 24.239 | 3964520 | 20.0 |