

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
 Data File : BP019066.D  
 Acq On : 23 Dec 2023 07:21  
 Operator : MA/JU  
 Sample : 05869-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0B26

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: BP019066.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      | 66899          | 88460         | 1.10%           | 0.126%        |
| 2         | 3.540       | 74            | 77          | 83           | rBV      | 8662           | 14885         | 0.18%           | 0.021%        |
| 3         | 3.669       | 95            | 99          | 115          | rBV      | 529775         | 767168        | 9.52%           | 1.089%        |
| 4         | 3.993       | 150           | 154         | 159          | rVB      | 15165          | 20704         | 0.26%           | 0.029%        |
| 5         | 4.916       | 307           | 311         | 319          | rVB2     | 7314           | 13808         | 0.17%           | 0.020%        |
| 6         | 6.822       | 627           | 635         | 642          | rBV2     | 5313           | 12789         | 0.16%           | 0.018%        |
| 7         | 6.993       | 656           | 664         | 676          | rBV      | 1081103        | 1696233       | 21.04%          | 2.409%        |
| 8         | 7.152       | 685           | 691         | 702          | rVB      | 821311         | 1293336       | 16.04%          | 1.837%        |
| 9         | 7.346       | 715           | 724         | 733          | rBV      | 1073733        | 1668362       | 20.70%          | 2.369%        |
| 10        | 7.434       | 735           | 739         | 746          | rVV      | 15069          | 25666         | 0.32%           | 0.036%        |
| 11        | 7.705       | 781           | 785         | 792          | rVB8     | 5587           | 10955         | 0.14%           | 0.016%        |
| 12        | 7.816       | 796           | 804         | 814          | rVV      | 734933         | 1167640       | 14.48%          | 1.658%        |
| 13        | 8.534       | 917           | 926         | 942          | rBV      | 1320693        | 2162884       | 26.83%          | 3.071%        |
| 14        | 8.975       | 994           | 1001        | 1013         | rBV      | 974491         | 1609491       | 19.97%          | 2.286%        |
| 15        | 9.140       | 1026          | 1029        | 1036         | rVB8     | 5585           | 10268         | 0.13%           | 0.015%        |
| 16        | 9.381       | 1066          | 1070        | 1078         | rVB3     | 8859           | 15077         | 0.19%           | 0.021%        |
| 17        | 9.699       | 1116          | 1124        | 1136         | rBV      | 825940         | 1367572       | 16.96%          | 1.942%        |
| 18        | 10.234      | 1207          | 1215        | 1232         | rBV      | 1358490        | 2317938       | 28.75%          | 3.292%        |
| 19        | 10.475      | 1248          | 1256        | 1261         | rVB2     | 15756          | 26814         | 0.33%           | 0.038%        |
| 20        | 10.610      | 1270          | 1279        | 1287         | rBV      | 940570         | 1586438       | 19.68%          | 2.253%        |
| 21        | 10.751      | 1296          | 1303        | 1323         | rBV      | 1005157        | 1800173       | 22.33%          | 2.556%        |
| 22        | 10.987      | 1339          | 1343        | 1349         | rBV6     | 5666           | 9446          | 0.12%           | 0.013%        |
| 23        | 12.034      | 1514          | 1521        | 1526         | rVB3     | 10080          | 15579         | 0.19%           | 0.022%        |
| 24        | 12.198      | 1538          | 1549        | 1555         | rBV2     | 25345          | 45898         | 0.57%           | 0.065%        |
| 25        | 13.181      | 1708          | 1716        | 1720         | rBV7     | 14269          | 21181         | 0.26%           | 0.030%        |
| 26        | 13.275      | 1724          | 1732        | 1736         | rVV2     | 19916          | 33646         | 0.42%           | 0.048%        |
| 27        | 13.351      | 1736          | 1745        | 1751         | rVV      | 39860          | 72576         | 0.90%           | 0.103%        |
| 28        | 13.869      | 1825          | 1833        | 1843         | rBV      | 2364297        | 3284679       | 40.75%          | 4.664%        |
| 29        | 14.145      | 1870          | 1880        | 1892         | rBV      | 2773809        | 4146965       | 51.44%          | 5.889%        |
| 30        | 14.451      | 1923          | 1932        | 1939         | rBV      | 1506380        | 2226213       | 27.62%          | 3.161%        |
| 31        | 14.516      | 1939          | 1943        | 1948         | rVB3     | 12750          | 16734         | 0.21%           | 0.024%        |
| 32        | 14.569      | 1948          | 1952        | 1957         | rVB8     | 6554           | 11174         | 0.14%           | 0.016%        |
| 33        | 14.663      | 1961          | 1968        | 1982         | rBV      | 937259         | 1634405       | 20.27%          | 2.321%        |
| 34        | 14.875      | 1999          | 2004        | 2012         | rVB7     | 16603          | 31544         | 0.39%           | 0.045%        |
| 35        | 15.039      | 2027          | 2032        | 2035         | rBV5     | 8547           | 11776         | 0.15%           | 0.017%        |
| 36        | 15.169      | 2051          | 2054        | 2061         | rVB9     | 4986           | 8794          | 0.11%           | 0.012%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
 Data File : BP019066.D  
 Acq On : 23 Dec 2023 07:21  
 Operator : MA/JU  
 Sample : 05869-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0B26

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 | 15.445 | 2094 | 2101 | 2115 | rBV   | 3731150 | 5313989 | 65.92%  | 7.546%  |
| 38 | 15.569 | 2116 | 2122 | 2137 | rVV   | 1111934 | 1519363 | 18.85%  | 2.158%  |
| 39 | 15.681 | 2137 | 2141 | 2147 | rVB2  | 18550   | 29500   | 0.37%   | 0.042%  |
| 40 | 15.804 | 2156 | 2162 | 2164 | rBV7  | 6670    | 10548   | 0.13%   | 0.015%  |
| 41 | 16.016 | 2193 | 2198 | 2203 | rBV8  | 6512    | 10772   | 0.13%   | 0.015%  |
| 42 | 16.233 | 2231 | 2235 | 2241 | rVB4  | 15450   | 29644   | 0.37%   | 0.042%  |
| 43 | 16.392 | 2259 | 2262 | 2270 | rVB10 | 5773    | 8981    | 0.11%   | 0.013%  |
| 44 | 16.610 | 2292 | 2299 | 2302 | rBV9  | 10460   | 17445   | 0.22%   | 0.025%  |
| 45 | 16.875 | 2339 | 2344 | 2351 | rBV10 | 8245    | 15215   | 0.19%   | 0.022%  |
| 46 | 17.198 | 2393 | 2399 | 2409 | rBV   | 1938212 | 2805826 | 34.81%  | 3.984%  |
| 47 | 17.298 | 2409 | 2416 | 2427 | rVV2  | 3981816 | 5853031 | 72.61%  | 8.311%  |
| 48 | 17.404 | 2431 | 2434 | 2438 | rVB5  | 17930   | 23280   | 0.29%   | 0.033%  |
| 49 | 17.598 | 2462 | 2467 | 2472 | rBV9  | 12133   | 23772   | 0.29%   | 0.034%  |
| 50 | 17.875 | 2511 | 2514 | 2521 | rVB4  | 11642   | 13792   | 0.17%   | 0.020%  |
| 51 | 17.969 | 2527 | 2530 | 2534 | rVB6  | 7519    | 8219    | 0.10%   | 0.012%  |
| 52 | 18.098 | 2546 | 2552 | 2568 | rBV   | 471423  | 774992  | 9.61%   | 1.101%  |
| 53 | 18.345 | 2589 | 2594 | 2604 | rBV   | 297864  | 477150  | 5.92%   | 0.678%  |
| 54 | 18.504 | 2619 | 2621 | 2628 | rVB6  | 22670   | 29722   | 0.37%   | 0.042%  |
| 55 | 18.927 | 2691 | 2693 | 2696 | rBV4  | 8590    | 10875   | 0.13%   | 0.015%  |
| 56 | 19.116 | 2720 | 2725 | 2732 | rVB3  | 75204   | 106645  | 1.32%   | 0.151%  |
| 57 | 19.186 | 2733 | 2737 | 2740 | rBV   | 94932   | 128818  | 1.60%   | 0.183%  |
| 58 | 19.327 | 2757 | 2761 | 2773 | rBV   | 214013  | 335202  | 4.16%   | 0.476%  |
| 59 | 19.539 | 2791 | 2797 | 2803 | rBV   | 5446922 | 7277863 | 90.28%  | 10.335% |
| 60 | 20.733 | 2997 | 3000 | 3004 | rVB   | 184128  | 204036  | 2.53%   | 0.290%  |
| 61 | 21.010 | 3043 | 3047 | 3055 | rBV   | 469992  | 722441  | 8.96%   | 1.026%  |
| 62 | 21.292 | 3090 | 3095 | 3102 | rBV   | 2767386 | 3429480 | 42.54%  | 4.870%  |
| 63 | 22.274 | 3260 | 3262 | 3268 | rVB   | 178181  | 220183  | 2.73%   | 0.313%  |
| 64 | 23.498 | 3462 | 3470 | 3482 | rVB2  | 4045397 | 8061407 | 100.00% | 11.447% |
| 65 | 23.651 | 3489 | 3496 | 3507 | rVB   | 1859478 | 3711945 | 46.05%  | 5.271%  |

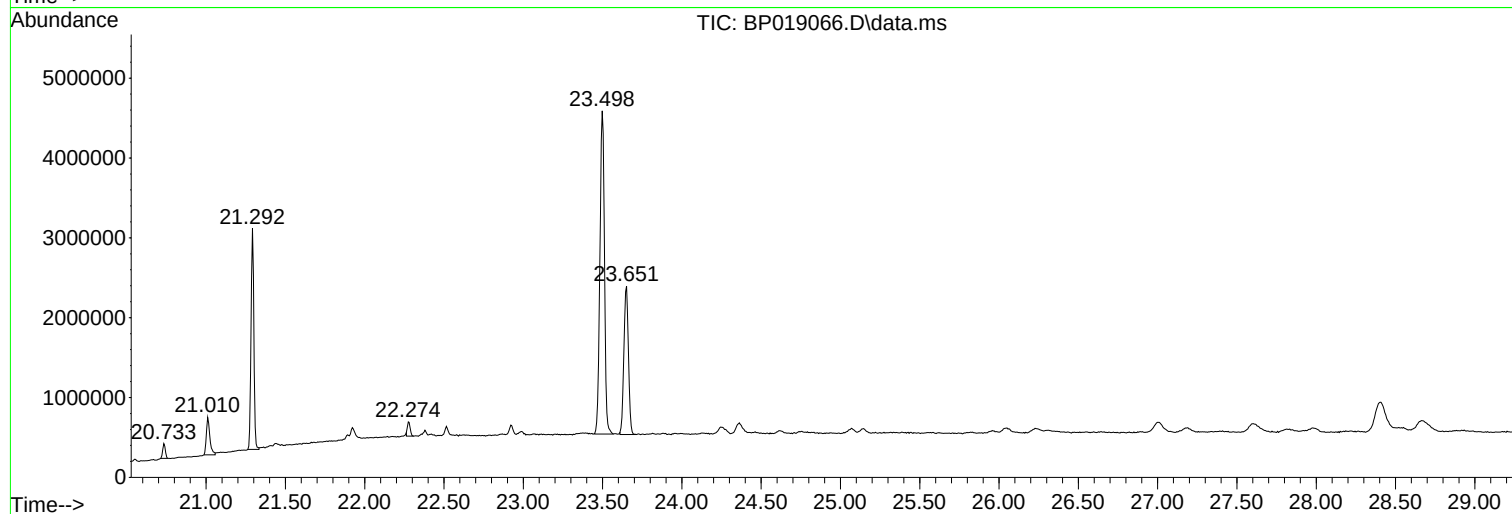
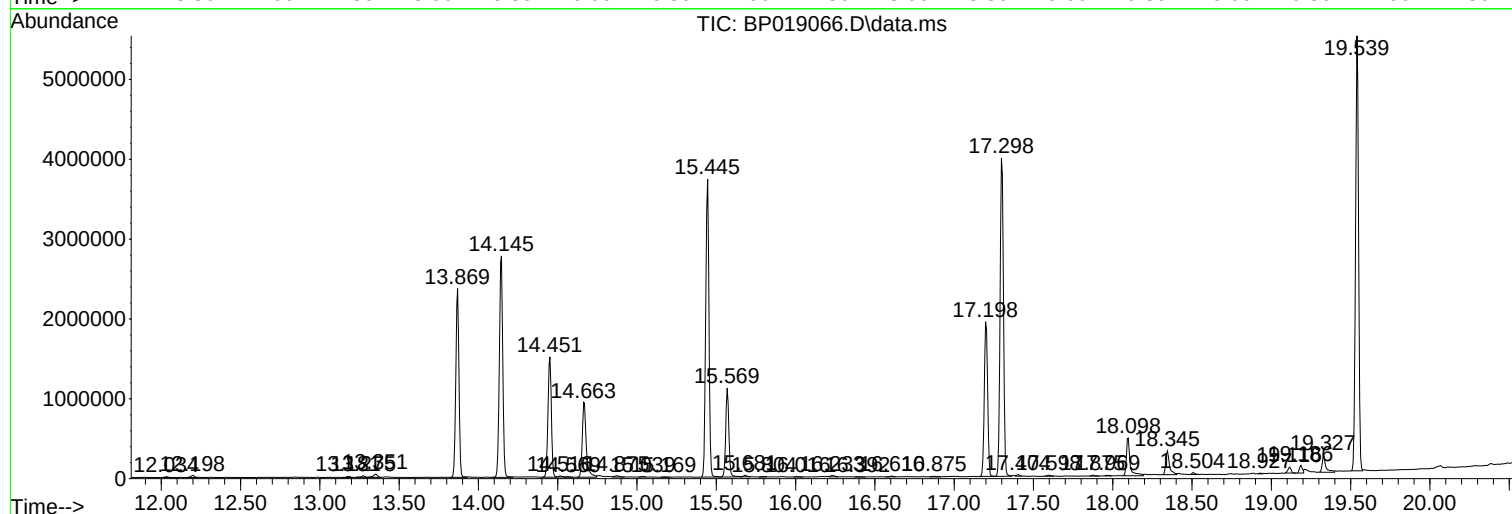
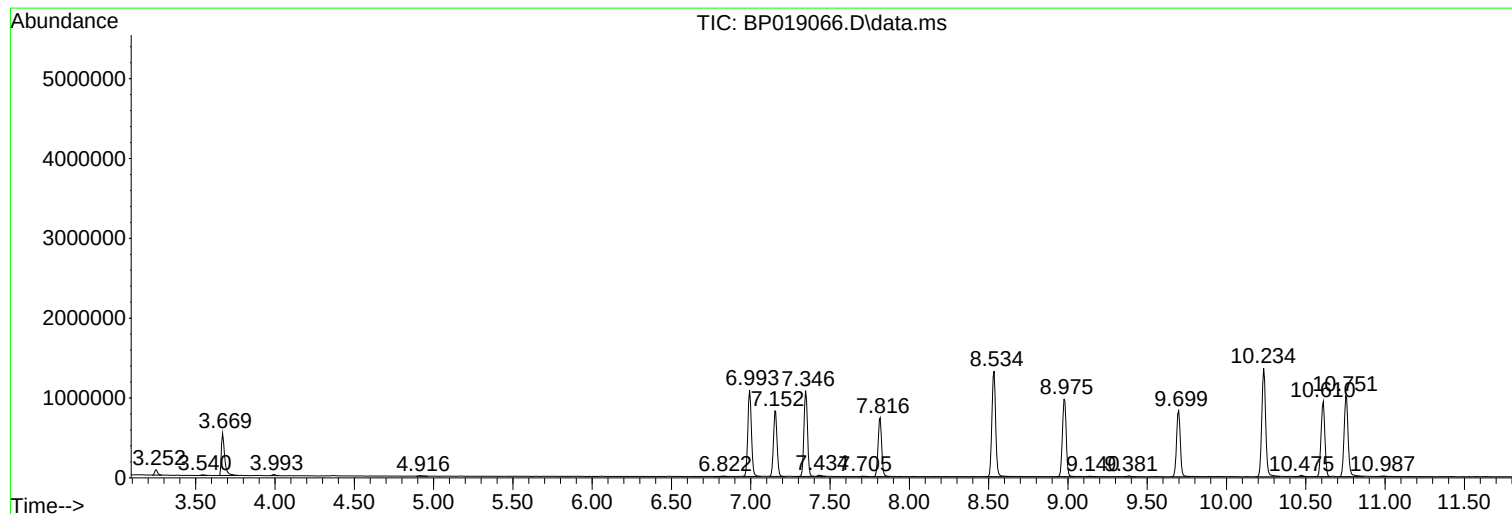
Sum of corrected areas: 70421407

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019066.D  
Acq On : 23 Dec 2023 07:21  
Operator : MA/JU  
Sample : 05869-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0B26

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 : BP019066.D  
Acq On : 23 Dec 2023 07:21  
Operator : MA/JU  
Sample : 05869-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0B26

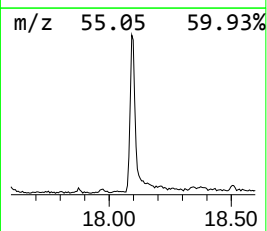
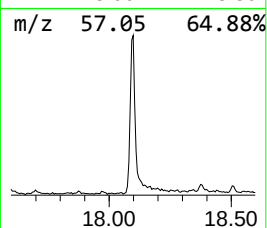
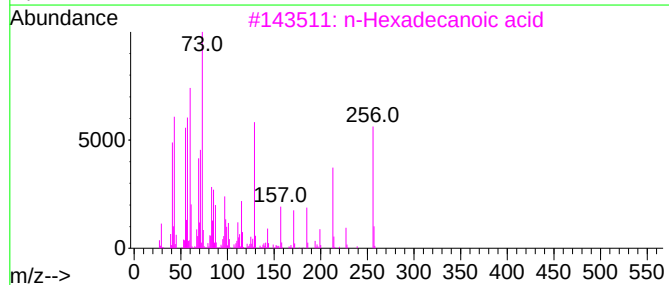
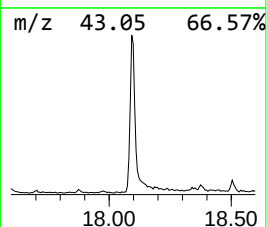
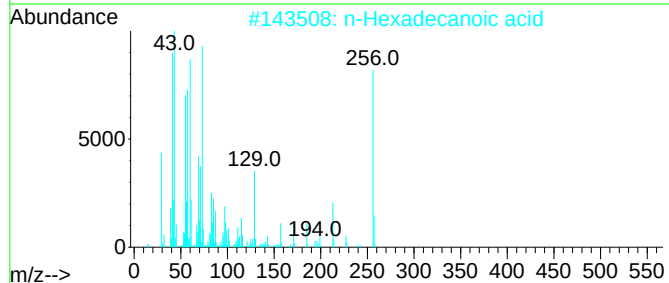
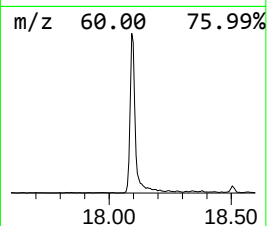
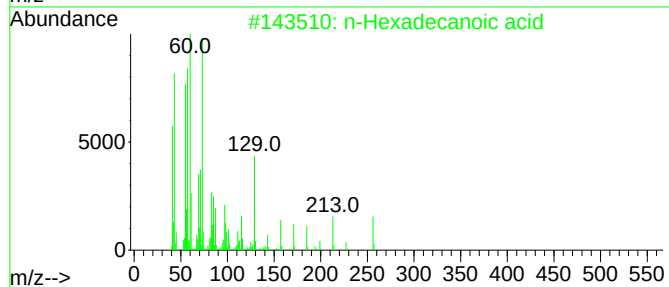
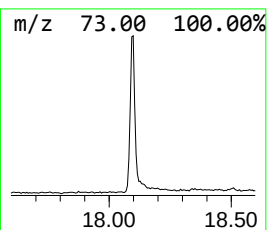
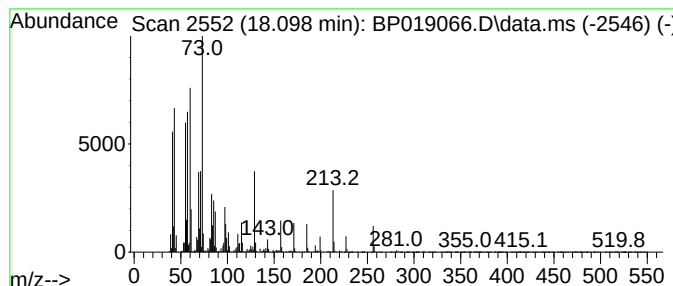
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.098 | 5.52 ng/ul | 774992 | Phenanthrene-d10 | 17.198 |

| 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    | n-Hexadecanoic acid | 256 | C16H32O2     | 000057-10-3 | 96      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019066.D  
Acq On : 23 Dec 2023 07:21  
Operator : MA/JU  
Sample : 05869-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0B26

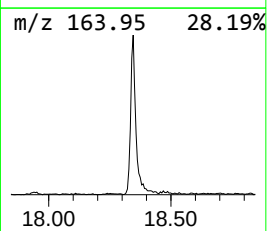
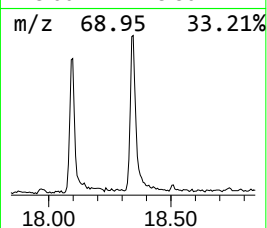
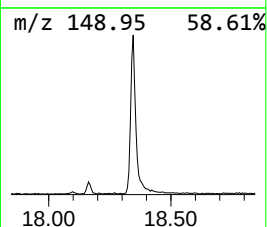
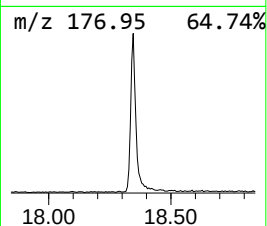
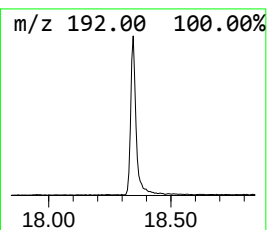
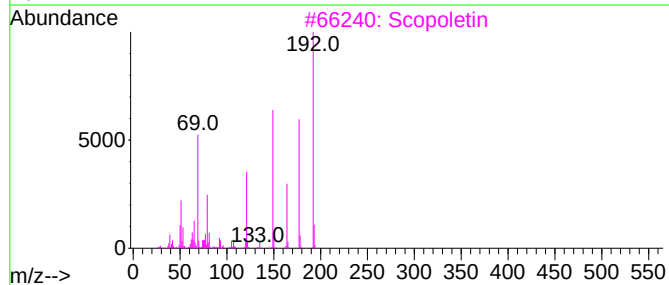
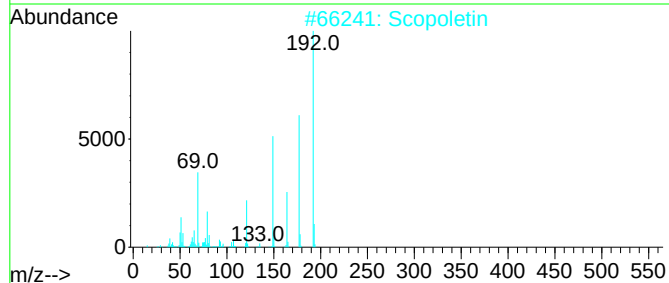
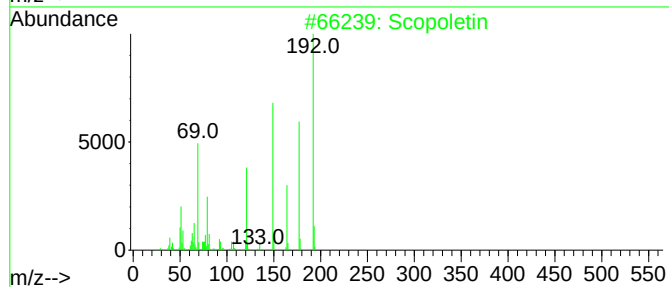
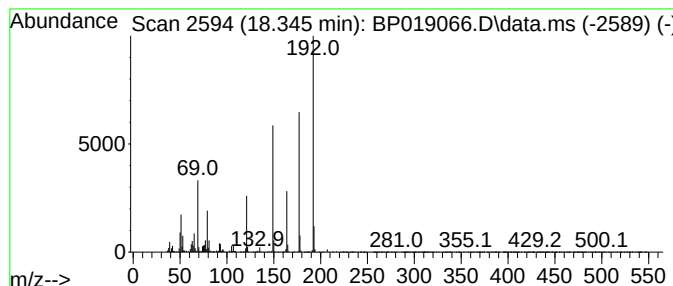
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Scopoletin Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.345 | 3.40 ng/ul | 477150 | Phenanthrene-d10 | 17.198 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Scopoletin                          | 192 | C10H8O4 | 000092-61-5  | 98   |
| 2    |    |   | Scopoletin                          | 192 | C10H8O4 | 000092-61-5  | 98   |
| 3    |    |   | Scopoletin                          | 192 | C10H8O4 | 000092-61-5  | 96   |
| 4    |    |   | Scopoletin                          | 192 | C10H8O4 | 000092-61-5  | 94   |
| 5    |    |   | 1H-2-Indenone,2,4,5,6,7,7a-hexah... | 192 | C13H2O0 | 1000196-69-5 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019066.D  
Acq On : 23 Dec 2023 07:21  
Operator : MA/JU  
Sample : 05869-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0B26

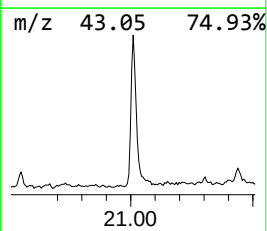
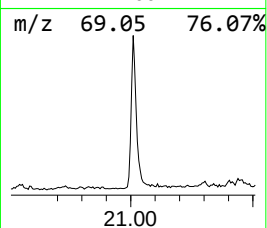
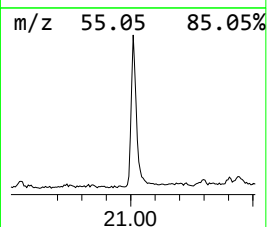
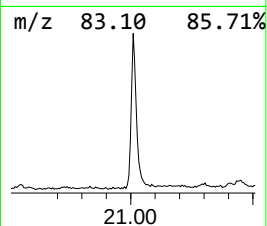
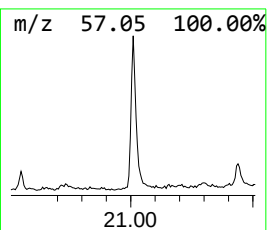
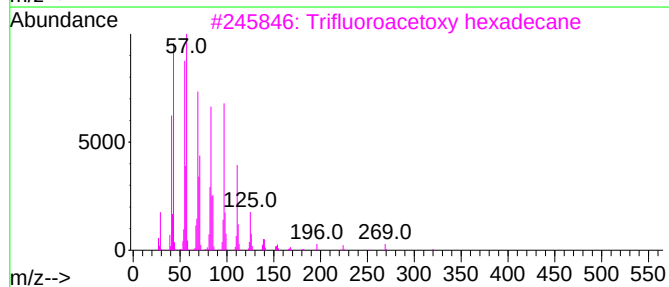
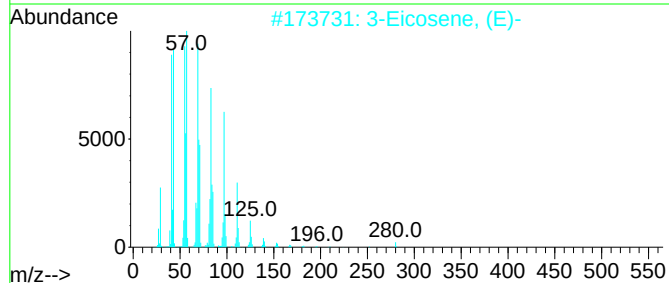
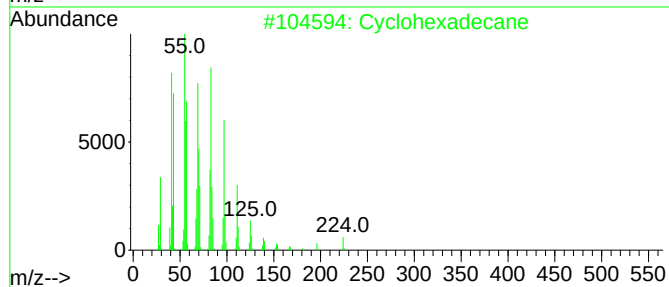
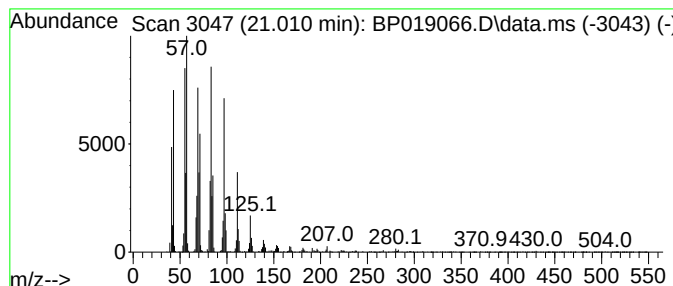
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic21.010 Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.010 | 4.21 ng/ul | 722441 | Chrysene-d12     | 21.292 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclohexadecane                     | 224 | C16H32      | 000295-65-8  | 98   |
| 2    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9  | 96   |
| 3    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 94   |
| 4    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 94   |
| 5    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122123\  
Data File : BP019066.D  
Acq On : 23 Dec 2023 07:21  
Operator : MA/JU  
Sample : 05869-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0B26

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.098 | 5.5     | ng/ul | 774992   | 4                     | 17.198 | 2805830 | 20.0 |
| Scopoletin         | 18.345 | 3.4     | ng/ul | 477150   | 4                     | 17.198 | 2805830 | 20.0 |
| (DEL) Alkane: C... | 21.010 | 4.2     | ng/ul | 722441   | 5                     | 21.292 | 3429480 | 20.0 |