

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050923\  
 Data File : BP015036.D  
 Acq On : 10 May 2023 01:21  
 Operator : CG/JU  
 Sample : 02694-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JREL2

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: BP015036.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         | 3.452       | 8             | 11          | 22           | rVB      | 66290          | 96849         | 1.34%           | 0.128%        |
| 2         | 3.899       | 84            | 87          | 100          | rBV      | 361172         | 583987        | 8.05%           | 0.771%        |
| 3         | 4.234       | 141           | 144         | 153          | rVB      | 19407          | 33839         | 0.47%           | 0.045%        |
| 4         | 4.469       | 180           | 184         | 189          | rBV2     | 29362          | 39812         | 0.55%           | 0.053%        |
| 5         | 4.899       | 253           | 257         | 262          | rVB2     | 11995          | 17744         | 0.24%           | 0.023%        |
| 6         | 5.193       | 305           | 307         | 312          | rVB5     | 6147           | 8181          | 0.11%           | 0.011%        |
| 7         | 5.293       | 320           | 324         | 329          | rBV7     | 5463           | 9144          | 0.13%           | 0.012%        |
| 8         | 5.799       | 407           | 410         | 416          | rVB8     | 4797           | 8752          | 0.12%           | 0.012%        |
| 9         | 7.122       | 630           | 635         | 640          | rBV9     | 4642           | 10301         | 0.14%           | 0.014%        |
| 10        | 7.299       | 659           | 665         | 680          | rVB      | 412475         | 674667        | 9.30%           | 0.890%        |
| 11        | 7.475       | 688           | 695         | 705          | rBV      | 1051646        | 1678458       | 23.14%          | 2.215%        |
| 12        | 7.681       | 723           | 730         | 740          | rBV      | 1065703        | 1739990       | 23.98%          | 2.296%        |
| 13        | 7.763       | 742           | 744         | 751          | rVB7     | 6989           | 11333         | 0.16%           | 0.015%        |
| 14        | 8.157       | 799           | 811         | 818          | rBV      | 1021344        | 1662280       | 22.91%          | 2.193%        |
| 15        | 8.216       | 818           | 821         | 825          | rVB3     | 8580           | 11671         | 0.16%           | 0.015%        |
| 16        | 8.552       | 876           | 878         | 884          | rVB7     | 6540           | 8453          | 0.12%           | 0.011%        |
| 17        | 8.863       | 924           | 931         | 941          | rBV      | 1064941        | 1725541       | 23.79%          | 2.277%        |
| 18        | 9.334       | 1003          | 1011        | 1021         | rBV      | 1283803        | 2090715       | 28.82%          | 2.759%        |
| 19        | 9.428       | 1023          | 1027        | 1034         | rVV3     | 24772          | 45675         | 0.63%           | 0.060%        |
| 20        | 9.493       | 1034          | 1038        | 1042         | rVB7     | 6756           | 9881          | 0.14%           | 0.013%        |
| 21        | 9.734       | 1073          | 1079        | 1087         | rBV2     | 30042          | 52093         | 0.72%           | 0.069%        |
| 22        | 9.893       | 1101          | 1106        | 1115         | rBV2     | 4308           | 10655         | 0.15%           | 0.014%        |
| 23        | 10.063      | 1128          | 1135        | 1148         | rBV      | 961243         | 1634493       | 22.53%          | 2.157%        |
| 24        | 10.210      | 1154          | 1160        | 1166         | rBV      | 35345          | 57834         | 0.80%           | 0.076%        |
| 25        | 10.281      | 1168          | 1172        | 1179         | rVB10    | 7744           | 15622         | 0.22%           | 0.021%        |
| 26        | 10.604      | 1218          | 1227        | 1239         | rBV      | 1609205        | 2728359       | 37.61%          | 3.600%        |
| 27        | 10.893      | 1272          | 1276        | 1283         | rVB10    | 4193           | 8667          | 0.12%           | 0.011%        |
| 28        | 10.993      | 1285          | 1293        | 1302         | rBV      | 1564912        | 2619595       | 36.11%          | 3.456%        |
| 29        | 11.122      | 1308          | 1315        | 1330         | rBV      | 1075348        | 1925616       | 26.54%          | 2.541%        |
| 30        | 11.393      | 1356          | 1361        | 1367         | rBV9     | 4907           | 11402         | 0.16%           | 0.015%        |
| 31        | 11.446      | 1368          | 1370        | 1376         | rVB6     | 6612           | 10157         | 0.14%           | 0.013%        |
| 32        | 11.763      | 1419          | 1424        | 1435         | rVB6     | 9786           | 29108         | 0.40%           | 0.038%        |
| 33        | 12.234      | 1498          | 1504        | 1506         | rBV5     | 7658           | 11339         | 0.16%           | 0.015%        |
| 34        | 12.298      | 1509          | 1515        | 1518         | rVV3     | 7026           | 12812         | 0.18%           | 0.017%        |
| 35        | 12.328      | 1518          | 1520        | 1525         | rVV6     | 9880           | 14307         | 0.20%           | 0.019%        |
| 36        | 12.393      | 1526          | 1531        | 1534         | rVB6     | 5904           | 8674          | 0.12%           | 0.011%        |

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 Sample : 02694-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JREL2

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 | 12.569 | 1554 | 1561 | 1566 | rBV2  | 30859   | 52855   | 0.73%   | 0.070% |
| 38 | 13.610 | 1730 | 1738 | 1744 | rBV3  | 18245   | 31294   | 0.43%   | 0.041% |
| 39 | 13.681 | 1744 | 1750 | 1756 | rBV3  | 21966   | 39726   | 0.55%   | 0.052% |
| 40 | 14.204 | 1831 | 1839 | 1848 | rBV   | 2674523 | 3790058 | 52.24%  | 5.001% |
| 41 | 14.322 | 1854 | 1859 | 1864 | rBV8  | 17106   | 27982   | 0.39%   | 0.037% |
| 42 | 14.492 | 1881 | 1888 | 1897 | rBV2  | 3076644 | 4664165 | 64.29%  | 6.154% |
| 43 | 14.675 | 1916 | 1919 | 1924 | rBV5  | 8586    | 11390   | 0.16%   | 0.015% |
| 44 | 14.798 | 1930 | 1940 | 1948 | rBV   | 2029025 | 3040642 | 41.91%  | 4.012% |
| 45 | 14.987 | 1965 | 1972 | 1984 | rBV   | 288070  | 497020  | 6.85%   | 0.656% |
| 46 | 15.139 | 1992 | 1998 | 2002 | rBV9  | 9156    | 20691   | 0.29%   | 0.027% |
| 47 | 15.192 | 2004 | 2007 | 2013 | rVB6  | 18194   | 31318   | 0.43%   | 0.041% |
| 48 | 15.363 | 2029 | 2036 | 2040 | rBV7  | 8637    | 17793   | 0.25%   | 0.023% |
| 49 | 15.416 | 2040 | 2045 | 2051 | rBV10 | 6293    | 12813   | 0.18%   | 0.017% |
| 50 | 15.569 | 2067 | 2071 | 2075 | rBV7  | 8098    | 14966   | 0.21%   | 0.020% |
| 51 | 15.792 | 2102 | 2109 | 2122 | rBV   | 3886718 | 5696176 | 78.52%  | 7.516% |
| 52 | 15.904 | 2122 | 2128 | 2142 | rVV   | 1175458 | 1600597 | 22.06%  | 2.112% |
| 53 | 16.034 | 2145 | 2150 | 2156 | rVB3  | 18073   | 33410   | 0.46%   | 0.044% |
| 54 | 16.151 | 2164 | 2170 | 2177 | rBV   | 1406875 | 1861882 | 25.67%  | 2.457% |
| 55 | 16.486 | 2224 | 2227 | 2236 | rVB   | 8579    | 21169   | 0.29%   | 0.028% |
| 56 | 16.934 | 2298 | 2303 | 2306 | rBV3  | 31285   | 48181   | 0.66%   | 0.064% |
| 57 | 17.557 | 2401 | 2409 | 2417 | rBV   | 2553154 | 4197269 | 57.86%  | 5.538% |
| 58 | 17.657 | 2417 | 2426 | 2432 | rVV   | 4233487 | 6157649 | 84.88%  | 8.124% |
| 59 | 17.757 | 2439 | 2443 | 2451 | rVB   | 51475   | 80028   | 1.10%   | 0.106% |
| 60 | 17.898 | 2463 | 2467 | 2475 | rBV2  | 122770  | 171440  | 2.36%   | 0.226% |
| 61 | 18.257 | 2525 | 2528 | 2531 | rBV5  | 12623   | 17939   | 0.25%   | 0.024% |
| 62 | 18.416 | 2549 | 2555 | 2564 | rBV   | 1275699 | 1808420 | 24.93%  | 2.386% |
| 63 | 19.045 | 2659 | 2662 | 2666 | rBV2  | 95886   | 115646  | 1.59%   | 0.153% |
| 64 | 19.086 | 2666 | 2669 | 2672 | rVV   | 89000   | 89560   | 1.23%   | 0.118% |
| 65 | 19.386 | 2717 | 2720 | 2725 | rBV2  | 33093   | 47499   | 0.65%   | 0.063% |
| 66 | 19.469 | 2728 | 2734 | 2737 | rVV2  | 93534   | 189542  | 2.61%   | 0.250% |
| 67 | 19.516 | 2739 | 2742 | 2750 | rVB2  | 96517   | 161035  | 2.22%   | 0.212% |
| 68 | 19.633 | 2758 | 2762 | 2775 | rBV   | 373172  | 562481  | 7.75%   | 0.742% |
| 69 | 19.875 | 2797 | 2803 | 2809 | rBV   | 5374550 | 7254537 | 100.00% | 9.572% |
| 70 | 21.304 | 3042 | 3046 | 3056 | rBV   | 1629546 | 2060545 | 28.40%  | 2.719% |
| 71 | 21.633 | 3097 | 3102 | 3109 | rBV   | 2500913 | 3435851 | 47.36%  | 4.533% |
| 72 | 24.057 | 3507 | 3514 | 3528 | rVB2  | 2453388 | 5492469 | 75.71%  | 7.247% |
| 73 | 24.227 | 3537 | 3543 | 3553 | rVB2  | 1303159 | 2817287 | 38.83%  | 3.717% |

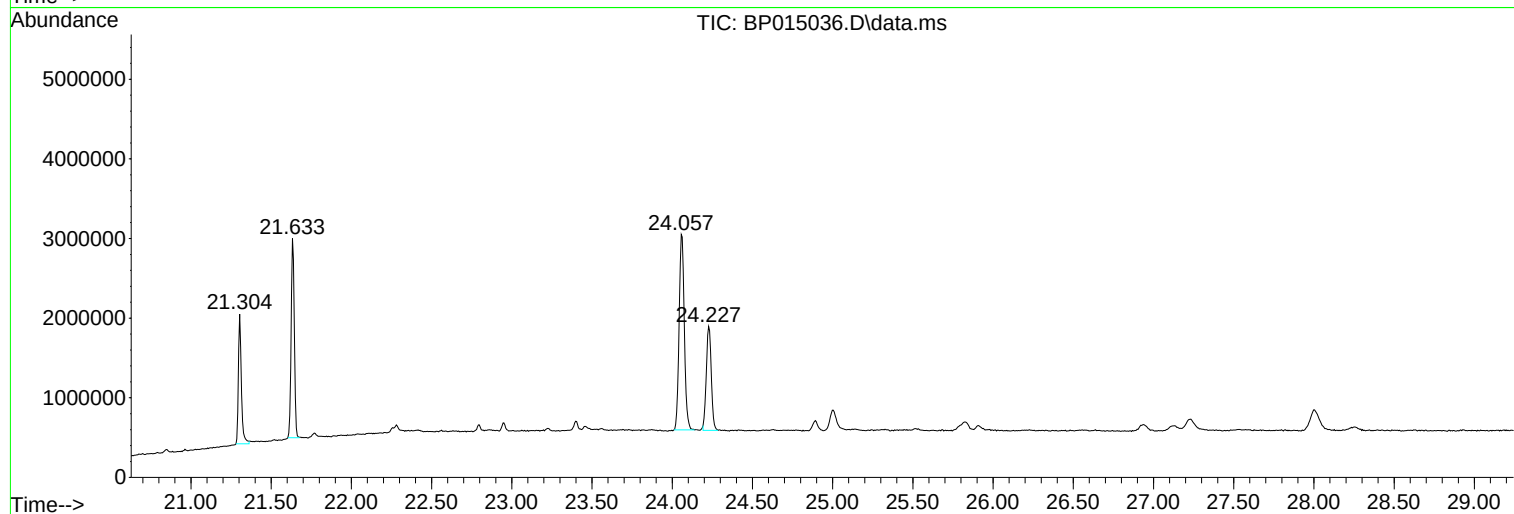
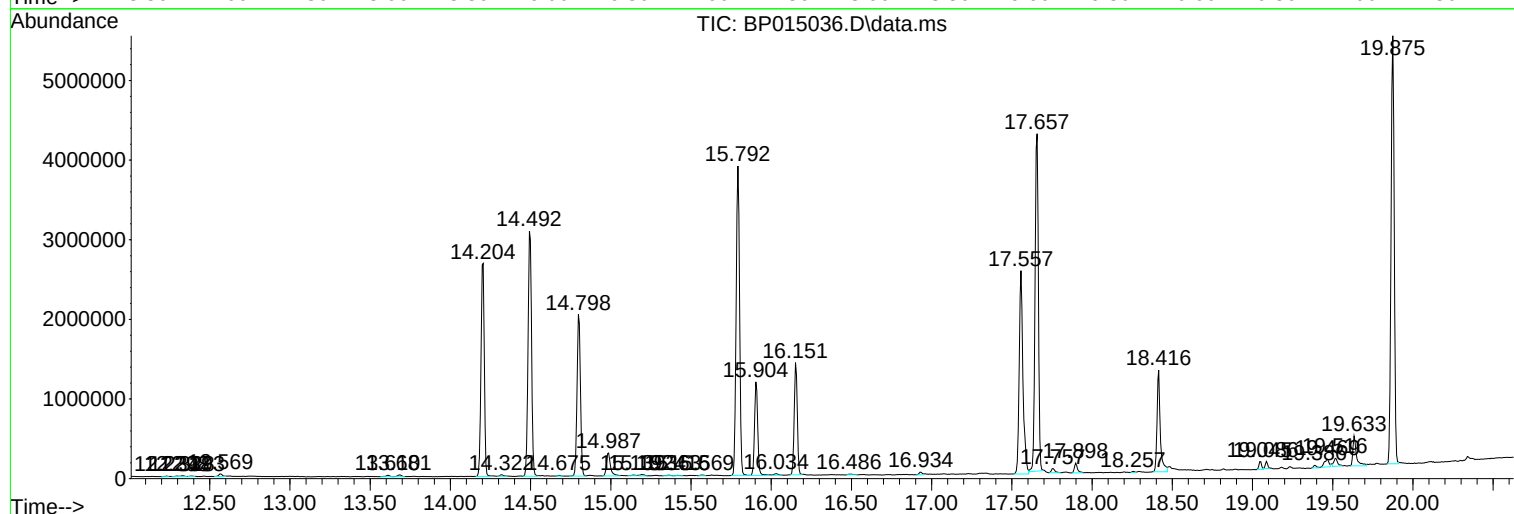
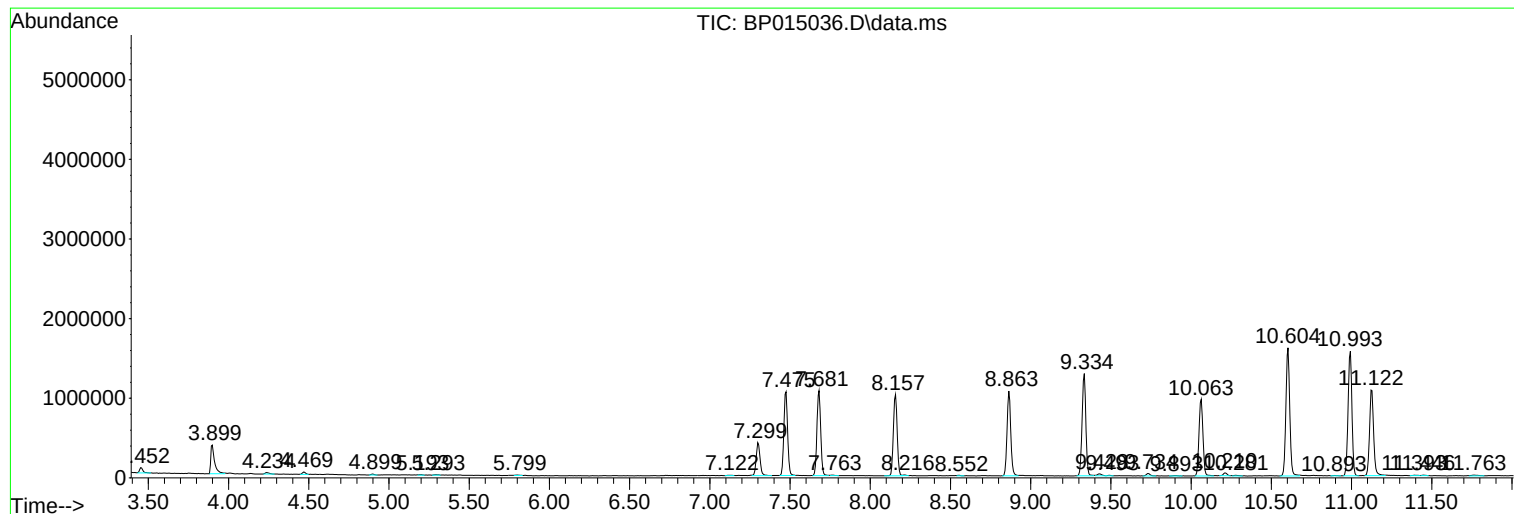
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Sample : 02694-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREL2

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\BP050923\  
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ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREL2

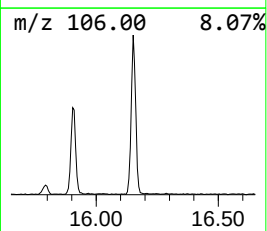
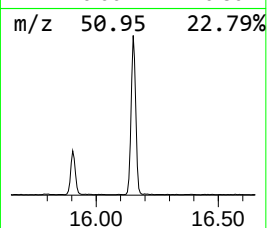
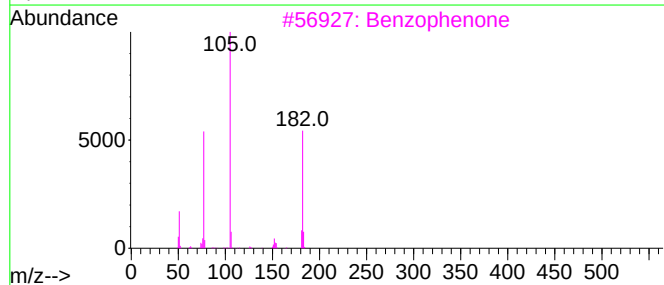
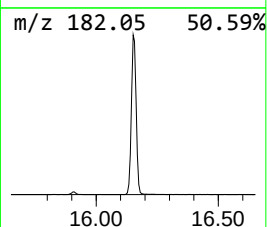
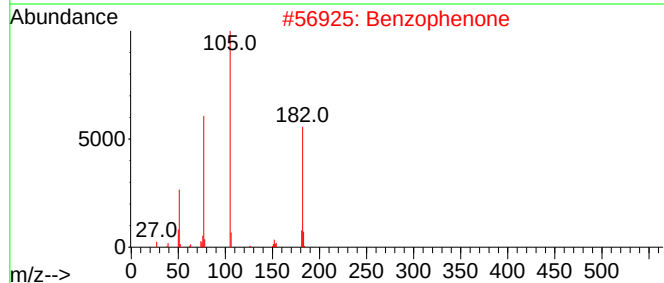
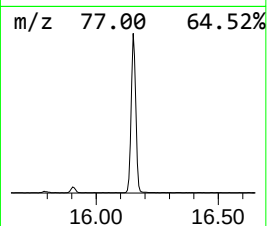
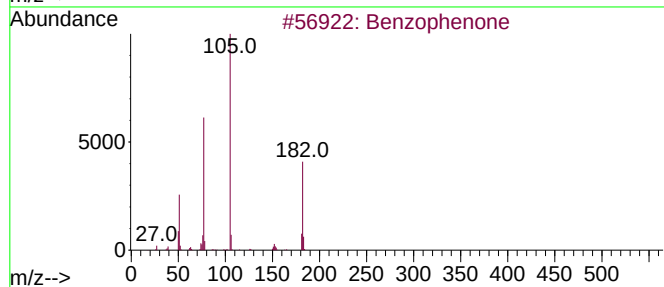
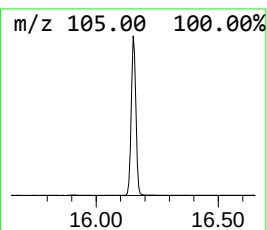
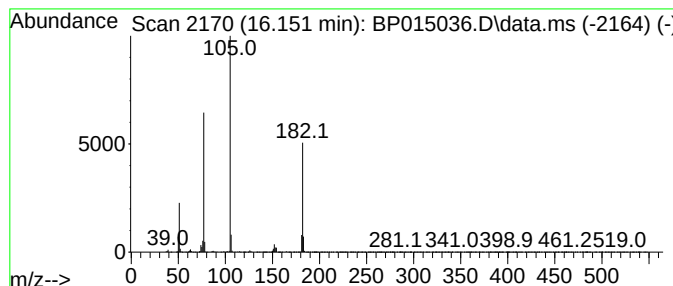
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 16.151 | 12.25 ng/ul | 1861880 | Acenaphthene-d10 | 14.798 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 93   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |



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Instrument :  
BNA\_P  
ClientSampleId :  
JREL2

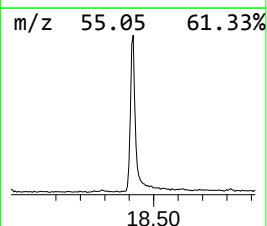
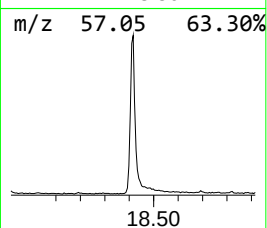
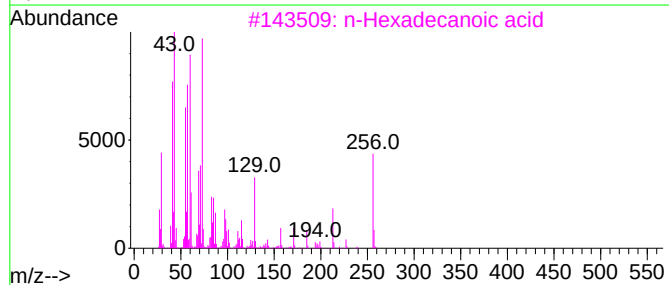
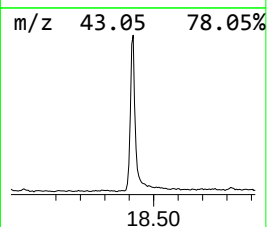
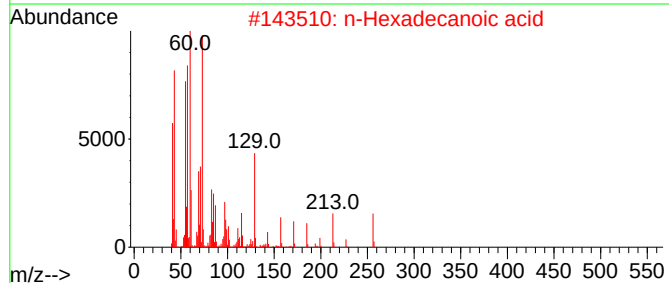
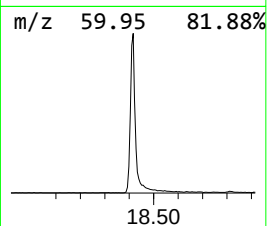
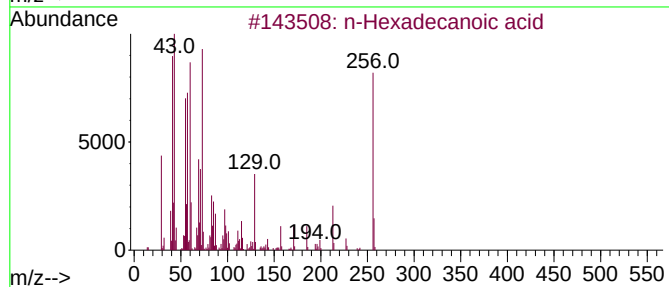
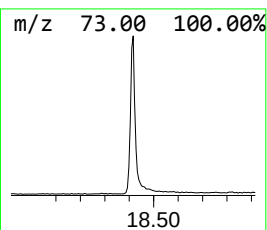
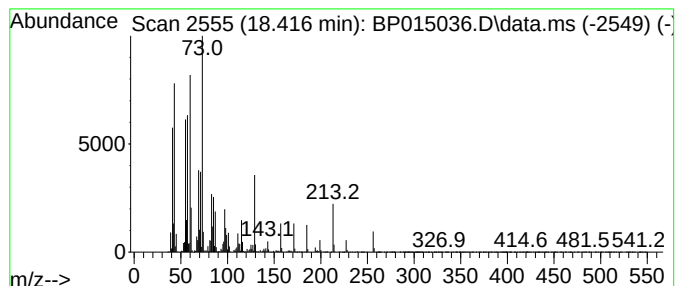
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.416 | 8.62 ng/ul | 1808420 | Phenanthrene-d10 | 17.557 |

| 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 | 95   |



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Instrument :  
BNA\_P  
ClientSampleId :  
JREL2

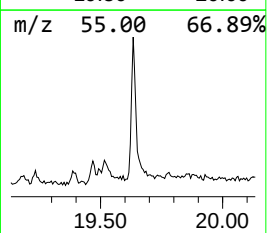
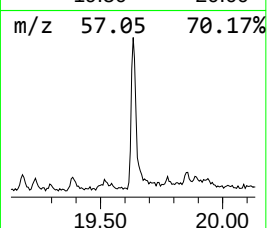
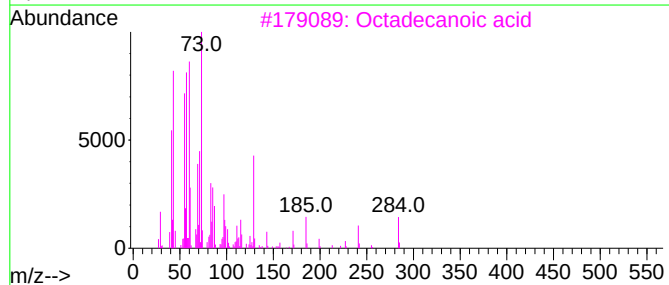
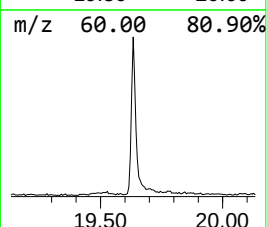
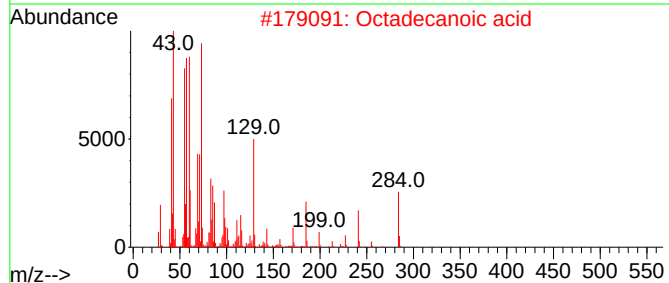
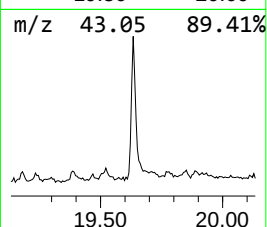
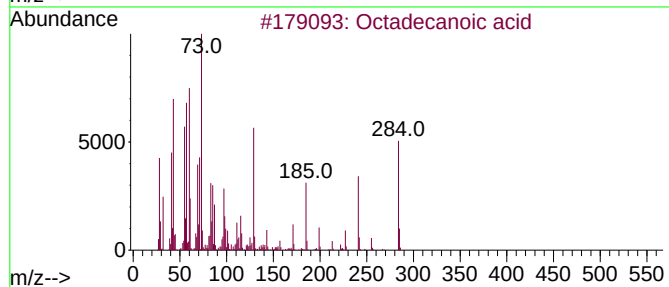
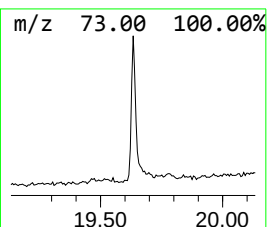
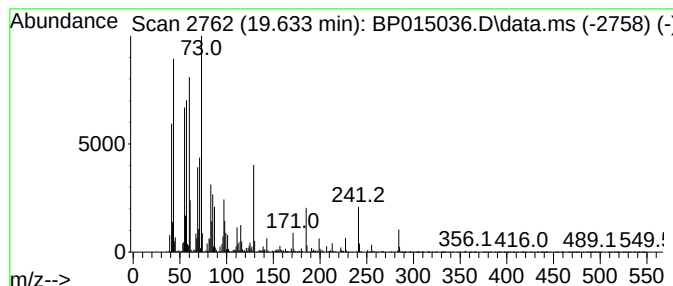
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050323.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.633 | 3.27 ng/ul | 562481 | Chrysene-d12     | 21.633 |

| 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 | 95   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050923\  
Data File : BP015036.D  
Acq On : 10 May 2023 01:21  
Operator : CG/JU  
Sample : 02694-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREL2

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

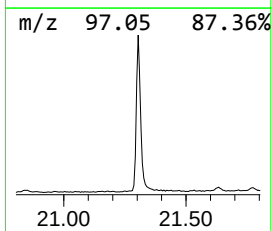
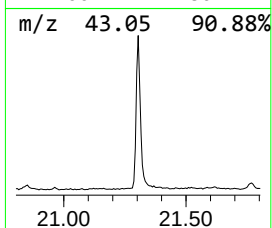
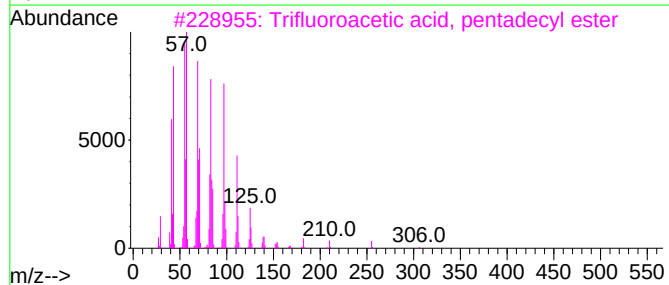
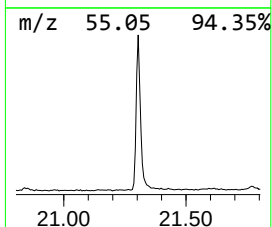
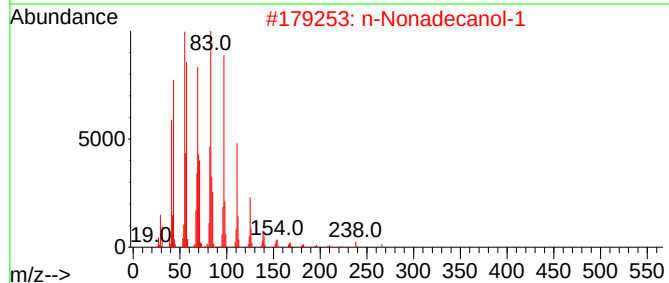
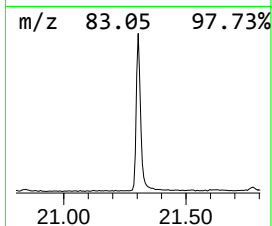
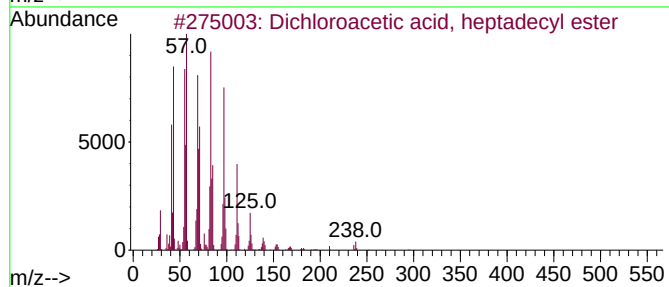
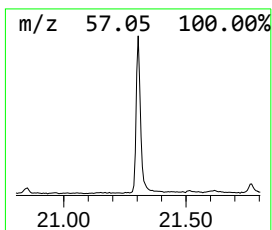
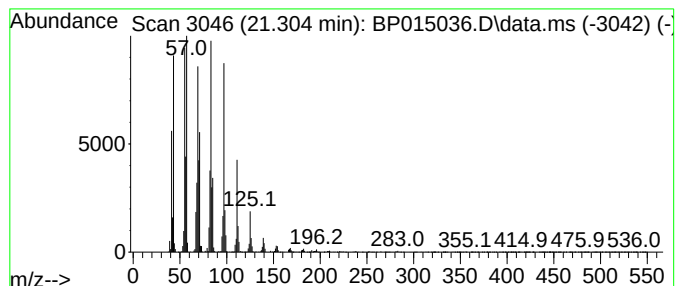
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 4 Dichloroacetic acid, heptad... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.304 | 11.99 ng/ul | 2060550 | Chrysene-d12     | 21.633 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94   |
| 2    |    |   | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8  | 94   |
| 3    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2  | 959010-23-2  | 94   |
| 4    |    |   | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8  | 94   |
| 5    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050923\  
Data File : BP015036.D  
Acq On : 10 May 2023 01:21  
Operator : CG/JU  
Sample : 02694-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
JREL2

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       | 16.151 | 12.3    | ng/ul | 1861880  | 3                     | 14.798 | 3040640 | 20.0 |
| n-Hexadecanoic ... | 18.416 | 8.6     | ng/ul | 1808420  | 4                     | 17.557 | 4197270 | 20.0 |
| Octadecanoic acid  | 19.633 | 3.3     | ng/ul | 562481   | 5                     | 21.633 | 3435850 | 20.0 |
| Dichloroacetic ... | 21.304 | 12.0    | ng/ul | 2060550  | 5                     | 21.633 | 3435850 | 20.0 |