

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051623\  
 Data File : BP015112.D  
 Acq On : 16 May 2023 16:53  
 Operator : CG/JU  
 Sample : 02768-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CONP1

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-BP051123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP015112.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         | 3.434       | 5             | 8           | 18           | rVB      | 89546          | 131287        | 1.08%           | 0.124%        |
| 2         | 3.875       | 81            | 83          | 102          | rBV      | 322868         | 522013        | 4.29%           | 0.492%        |
| 3         | 4.117       | 119           | 124         | 131          | rVB      | 39241          | 66191         | 0.54%           | 0.062%        |
| 4         | 4.217       | 137           | 141         | 147          | rVB2     | 20918          | 30416         | 0.25%           | 0.029%        |
| 5         | 4.599       | 204           | 206         | 211          | rVB4     | 11138          | 14604         | 0.12%           | 0.014%        |
| 6         | 4.675       | 214           | 219         | 228          | rVB      | 55761          | 83597         | 0.69%           | 0.079%        |
| 7         | 5.664       | 382           | 387         | 391          | rBV      | 14184          | 21351         | 0.18%           | 0.020%        |
| 8         | 5.793       | 403           | 409         | 413          | rBV      | 28403          | 38803         | 0.32%           | 0.037%        |
| 9         | 7.234       | 648           | 654         | 657          | rBV      | 41471          | 62232         | 0.51%           | 0.059%        |
| 10        | 7.281       | 657           | 662         | 672          | rVB      | 318887         | 528569        | 4.35%           | 0.498%        |
| 11        | 7.452       | 683           | 691         | 704          | rBV      | 1467864        | 2299481       | 18.91%          | 2.166%        |
| 12        | 7.658       | 719           | 726         | 737          | rBV      | 1282717        | 2065615       | 16.99%          | 1.946%        |
| 13        | 8.134       | 799           | 807         | 814          | rBV      | 1200782        | 1928433       | 15.86%          | 1.817%        |
| 14        | 8.840       | 918           | 927         | 945          | rBV      | 1053958        | 1765654       | 14.52%          | 1.663%        |
| 15        | 9.305       | 998           | 1006        | 1017         | rBV      | 1680950        | 2805408       | 23.08%          | 2.643%        |
| 16        | 9.705       | 1066          | 1074        | 1084         | rVB      | 135583         | 207393        | 1.71%           | 0.195%        |
| 17        | 10.034      | 1122          | 1130        | 1147         | rBV      | 1346111        | 2245375       | 18.47%          | 2.115%        |
| 18        | 10.575      | 1213          | 1222        | 1238         | rBV      | 1919331        | 3284099       | 27.01%          | 3.094%        |
| 19        | 10.963      | 1279          | 1288        | 1298         | rBV      | 1835715        | 3037565       | 24.99%          | 2.862%        |
| 20        | 11.099      | 1303          | 1311        | 1327         | rBV      | 1733607        | 3033529       | 24.95%          | 2.858%        |
| 21        | 11.740      | 1414          | 1420        | 1425         | rBV5     | 11011          | 24840         | 0.20%           | 0.023%        |
| 22        | 12.199      | 1491          | 1498        | 1506         | rVB      | 94505          | 136858        | 1.13%           | 0.129%        |
| 23        | 12.540      | 1550          | 1556        | 1573         | rVB2     | 33144          | 80850         | 0.67%           | 0.076%        |
| 24        | 13.375      | 1694          | 1698        | 1706         | rVB6     | 10509          | 17525         | 0.14%           | 0.017%        |
| 25        | 13.581      | 1724          | 1733        | 1738         | rBV6     | 12963          | 27894         | 0.23%           | 0.026%        |
| 26        | 13.657      | 1738          | 1746        | 1751         | rVV      | 53202          | 88775         | 0.73%           | 0.084%        |
| 27        | 13.745      | 1755          | 1761        | 1771         | rVB8     | 8854           | 23382         | 0.19%           | 0.022%        |
| 28        | 14.175      | 1827          | 1834        | 1850         | rBV      | 4461532        | 6177625       | 50.81%          | 5.820%        |
| 29        | 14.287      | 1850          | 1853        | 1859         | rVB6     | 9247           | 14194         | 0.12%           | 0.013%        |
| 30        | 14.416      | 1870          | 1875        | 1877         | rBV6     | 7934           | 15185         | 0.12%           | 0.014%        |
| 31        | 14.469      | 1877          | 1884        | 1898         | rVV      | 5084681        | 7279581       | 59.88%          | 6.858%        |
| 32        | 14.775      | 1929          | 1936        | 1945         | rBV      | 2847035        | 4244920       | 34.92%          | 3.999%        |
| 33        | 14.869      | 1948          | 1952        | 1957         | rVB8     | 8983           | 14883         | 0.12%           | 0.014%        |
| 34        | 14.957      | 1961          | 1967        | 1985         | rBV      | 304074         | 562449        | 4.63%           | 0.530%        |
| 35        | 15.181      | 1999          | 2005        | 2016         | rVB7     | 33386          | 70417         | 0.58%           | 0.066%        |
| 36        | 15.557      | 2064          | 2069        | 2070         | rBV2     | 11127          | 14029         | 0.12%           | 0.013%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051623\  
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 Acq On : 16 May 2023 16:53  
 Operator : CG/JU  
 Sample : 02768-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CONP1

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-BP051123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 15.581 | 2070 | 2073 | 2080 | rVB2 | 16553   | 24559    | 0.20%   | 0.023%  |
| 38 | 15.722 | 2092 | 2097 | 2098 | rBV  | 68754   | 80093    | 0.66%   | 0.075%  |
| 39 | 15.763 | 2098 | 2104 | 2117 | rVV  | 6417834 | 9350451  | 76.91%  | 8.809%  |
| 40 | 15.881 | 2117 | 2124 | 2140 | rVV  | 2341747 | 3185244  | 26.20%  | 3.001%  |
| 41 | 16.004 | 2140 | 2145 | 2151 | rVB  | 30808   | 52850    | 0.43%   | 0.050%  |
| 42 | 16.128 | 2159 | 2166 | 2175 | rVB  | 336236  | 469676   | 3.86%   | 0.442%  |
| 43 | 16.469 | 2219 | 2224 | 2231 | rVB9 | 10102   | 19727    | 0.16%   | 0.019%  |
| 44 | 16.975 | 2305 | 2310 | 2314 | rBV2 | 60869   | 76924    | 0.63%   | 0.072%  |
| 45 | 17.204 | 2344 | 2349 | 2352 | rBV6 | 8908    | 13322    | 0.11%   | 0.013%  |
| 46 | 17.263 | 2355 | 2359 | 2363 | rVV7 | 8400    | 15377    | 0.13%   | 0.014%  |
| 47 | 17.316 | 2365 | 2368 | 2376 | rVB7 | 12272   | 20582    | 0.17%   | 0.019%  |
| 48 | 17.422 | 2383 | 2386 | 2391 | rVB5 | 12623   | 15681    | 0.13%   | 0.015%  |
| 49 | 17.528 | 2397 | 2404 | 2414 | rBV  | 3644460 | 5094156  | 41.90%  | 4.799%  |
| 50 | 17.628 | 2414 | 2421 | 2433 | rBV  | 7297736 | 10493889 | 86.32%  | 9.886%  |
| 51 | 17.792 | 2446 | 2449 | 2453 | rVB2 | 14583   | 18725    | 0.15%   | 0.018%  |
| 52 | 18.045 | 2487 | 2492 | 2497 | rBV  | 50553   | 66799    | 0.55%   | 0.063%  |
| 53 | 18.169 | 2510 | 2513 | 2517 | rVB5 | 15116   | 18309    | 0.15%   | 0.017%  |
| 54 | 18.381 | 2544 | 2549 | 2558 | rBV  | 429310  | 644942   | 5.31%   | 0.608%  |
| 55 | 18.457 | 2558 | 2562 | 2568 | rVB  | 73219   | 105944   | 0.87%   | 0.100%  |
| 56 | 18.945 | 2642 | 2645 | 2651 | rVB  | 47847   | 56931    | 0.47%   | 0.054%  |
| 57 | 19.422 | 2722 | 2726 | 2732 | rBV  | 101204  | 132128   | 1.09%   | 0.124%  |
| 58 | 19.492 | 2733 | 2738 | 2745 | rVV  | 108745  | 166041   | 1.37%   | 0.156%  |
| 59 | 19.604 | 2753 | 2757 | 2771 | rBV  | 454554  | 762435   | 6.27%   | 0.718%  |
| 60 | 19.710 | 2772 | 2775 | 2779 | rVB  | 58807   | 72062    | 0.59%   | 0.068%  |
| 61 | 19.845 | 2792 | 2798 | 2811 | rBV  | 9051562 | 12157186 | 100.00% | 11.453% |
| 62 | 20.386 | 2886 | 2890 | 2896 | rBV2 | 55413   | 73772    | 0.61%   | 0.070%  |
| 63 | 20.822 | 2962 | 2964 | 2967 | rVB3 | 43817   | 41979    | 0.35%   | 0.040%  |
| 64 | 20.992 | 2991 | 2993 | 2999 | rVB  | 60130   | 64009    | 0.53%   | 0.060%  |
| 65 | 21.280 | 3039 | 3042 | 3049 | rBV2 | 218553  | 340146   | 2.80%   | 0.320%  |
| 66 | 21.604 | 3092 | 3097 | 3106 | rVB  | 3574701 | 4785760  | 39.37%  | 4.509%  |
| 67 | 24.010 | 3498 | 3506 | 3518 | rBV2 | 4758713 | 10323397 | 84.92%  | 9.726%  |
| 68 | 24.174 | 3527 | 3534 | 3546 | rVB  | 2121584 | 4437040  | 36.50%  | 4.180%  |

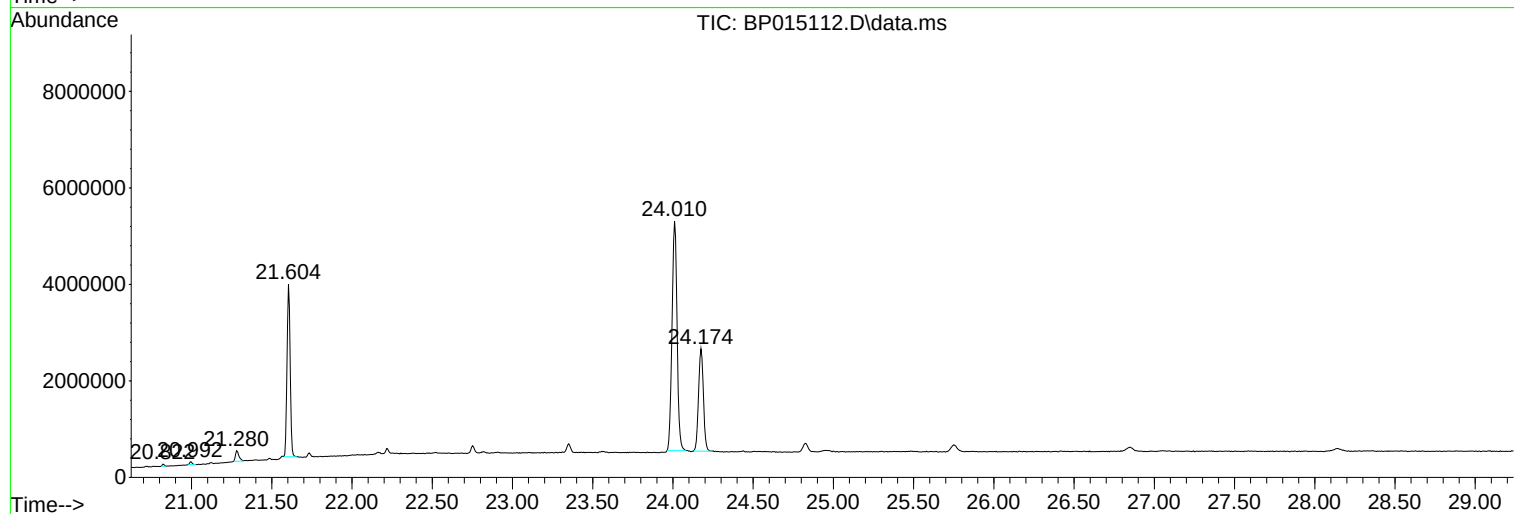
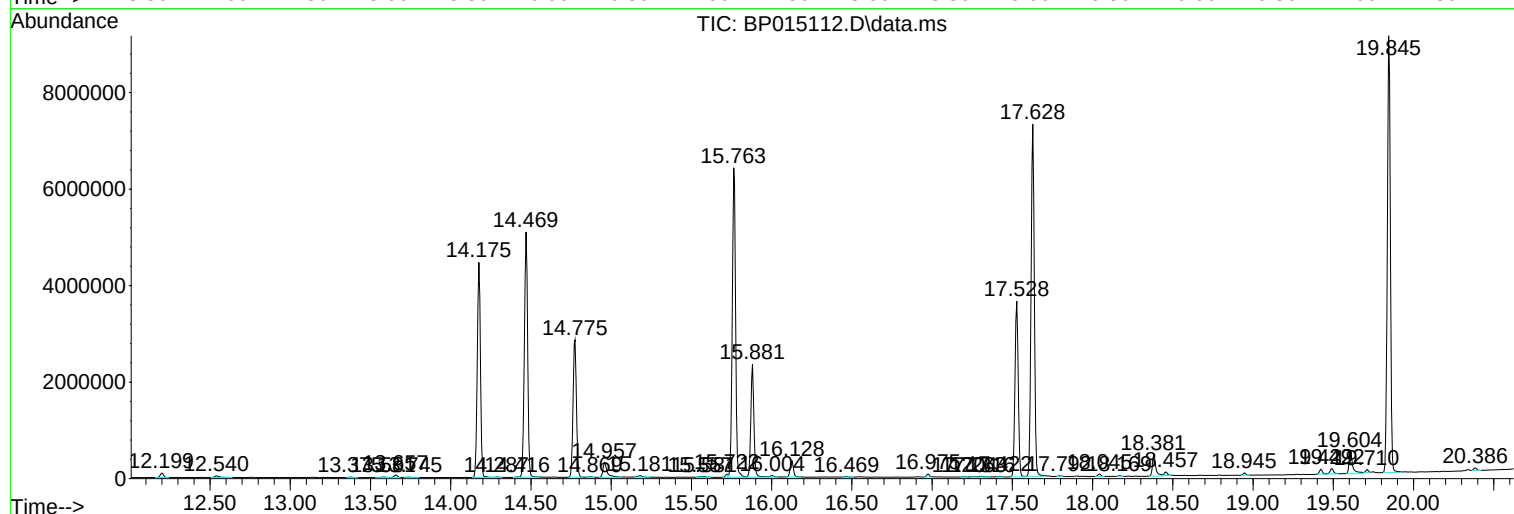
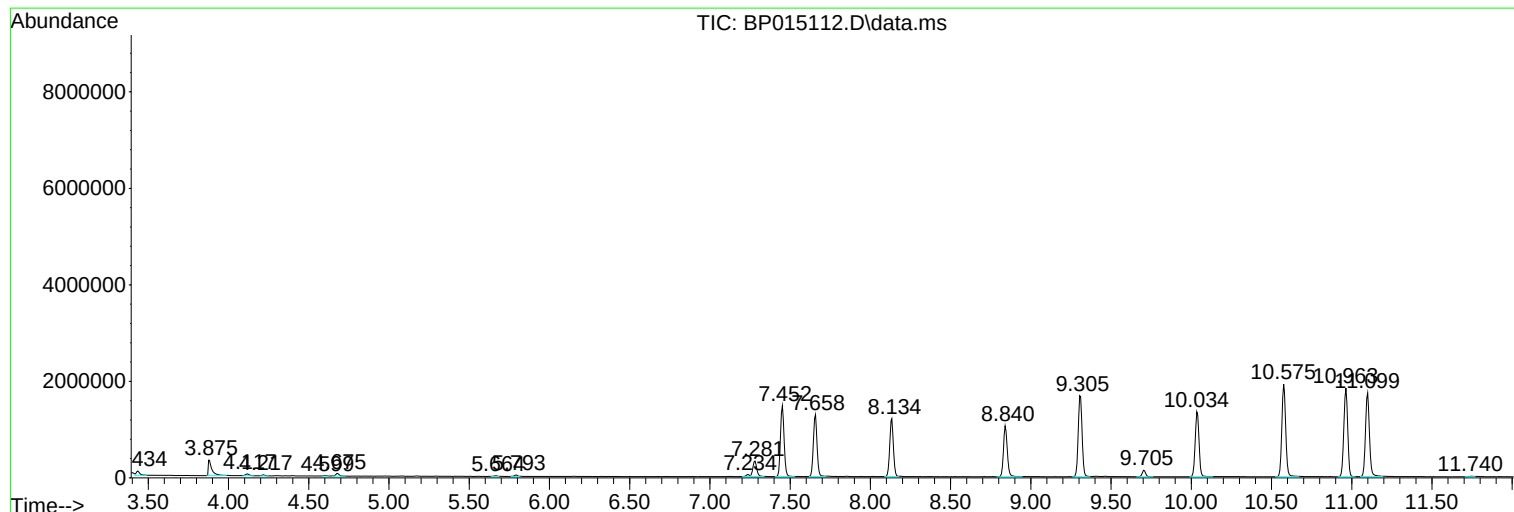
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051623\  
Data File : BP015112.D  
Acq On : 16 May 2023 16:53  
Operator : CG/JU  
Sample : 02768-13  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.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\BP051623\  
Data File : BP015112.D  
Acq On : 16 May 2023 16:53  
Operator : CG/JU  
Sample : 02768-13  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONP1

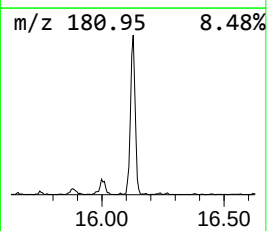
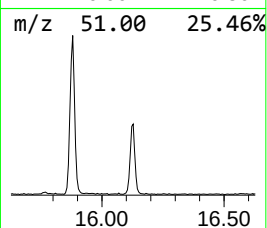
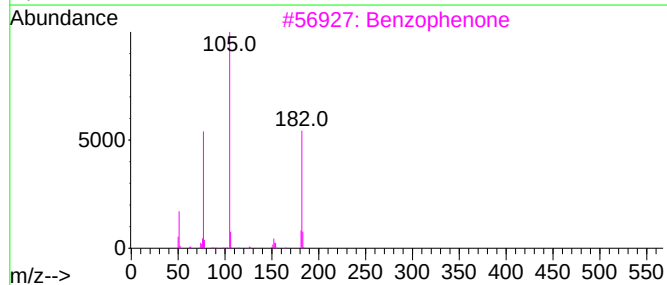
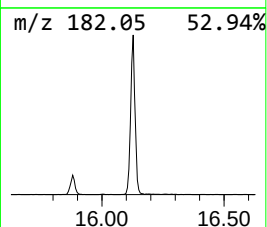
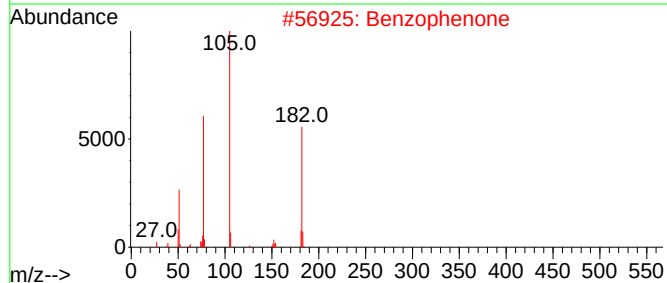
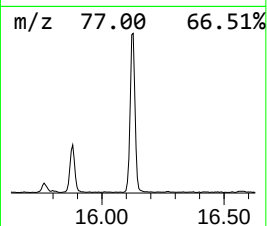
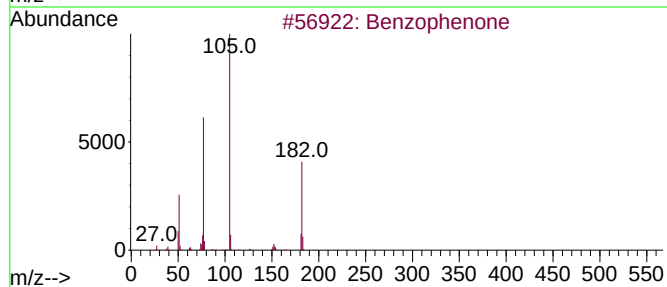
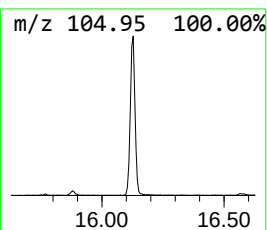
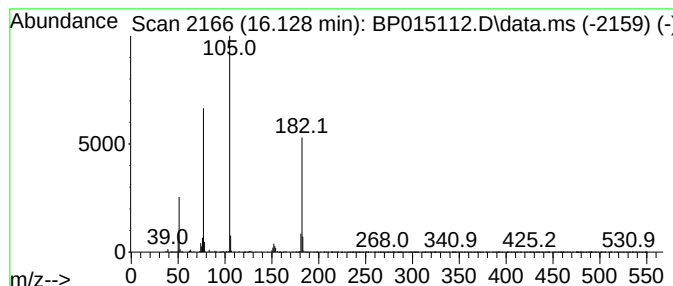
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Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.128 | 2.21 ng/ul | 469676 | Acenaphthene-d10 | 14.775 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051623\  
Data File : BP05112.D  
Acq On : 16 May 2023 16:53  
Operator : CG/JU  
Sample : 02768-13  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONP1

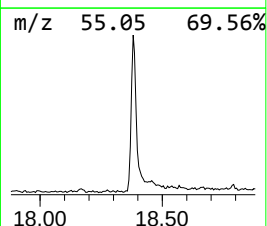
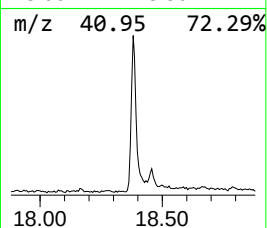
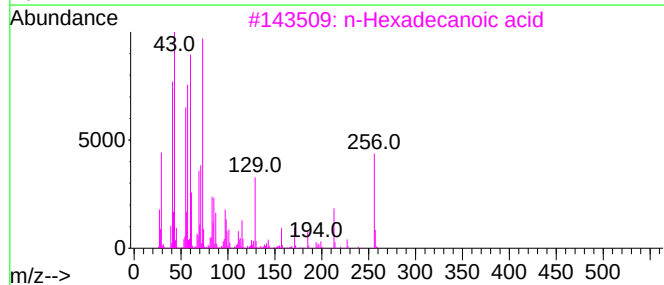
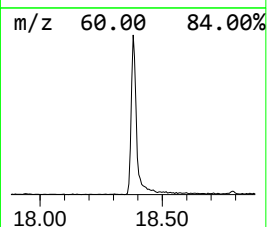
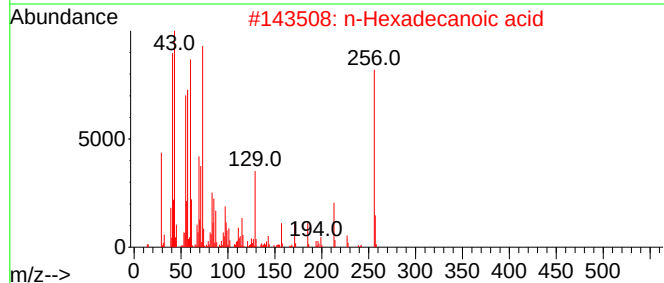
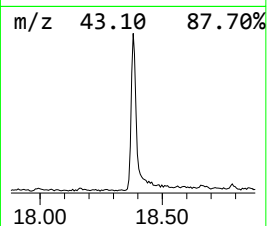
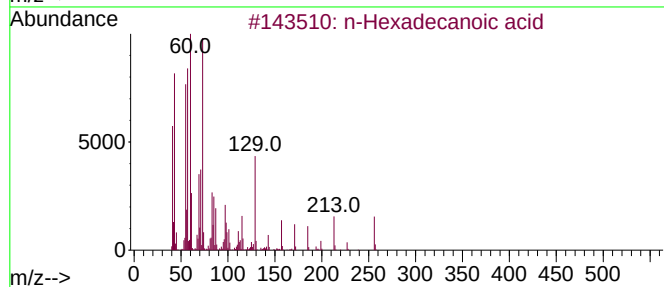
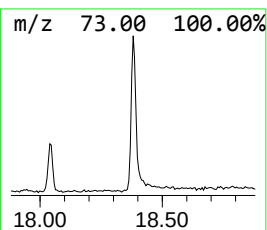
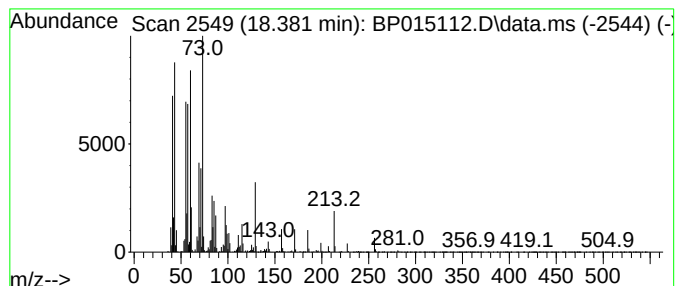
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.381 | 2.53 ng/ul | 644942 | Phenanthrene-d10 | 17.528 |

| 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    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051623\  
Data File : BP05112.D  
Acq On : 16 May 2023 16:53  
Operator : CG/JU  
Sample : 02768-13  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

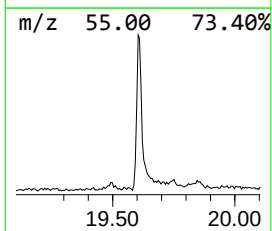
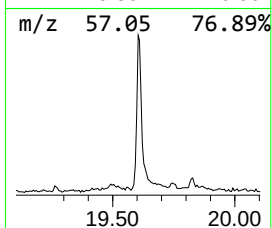
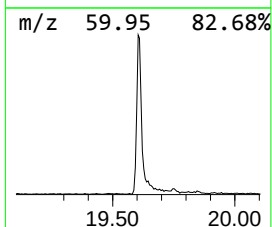
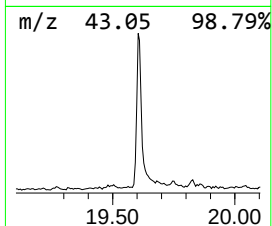
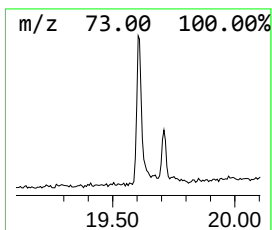
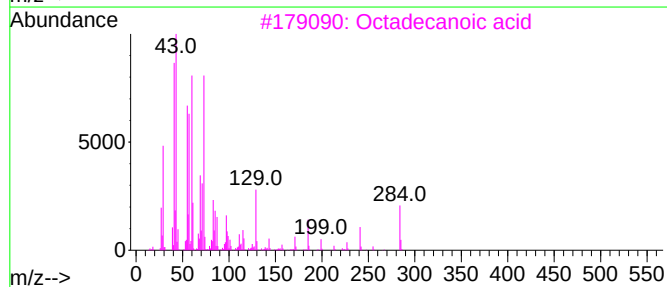
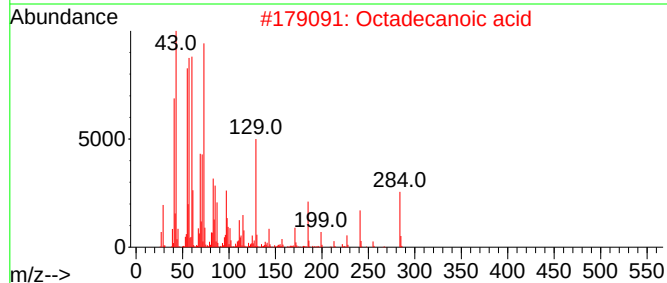
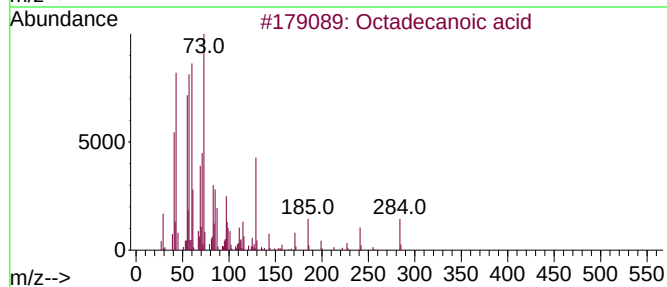
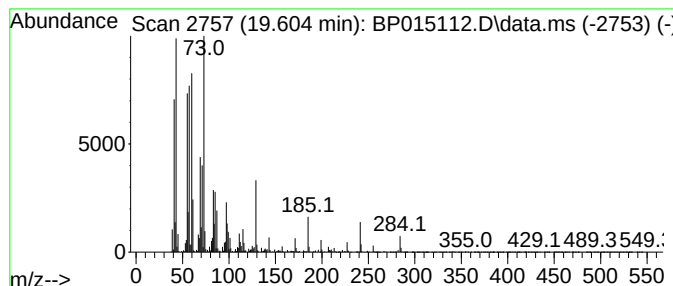
Instrument :  
BNA\_P  
ClientSampleId :  
CONP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.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 1

| R.T.      | EstConc           | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------|--------|------------------|-------------|------|
| 19.604    | 3.19 ng/ul        | 762435 | Chrysene-d12     | 21.604      |      |
| 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 | 99   |
| 5         | Octadecanoic acid | 284    | C18H36O2         | 000057-11-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051623\  
Data File : BP015112.D  
Acq On : 16 May 2023 16:53  
Operator : CG/JU  
Sample : 02768-13  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
CONP1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.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       | 16.128 | 2.2     | ng/ul | 469676   | 3                     | 14.775 | 4244920 | 20.0 |
| n-Hexadecanoic ... | 18.381 | 2.5     | ng/ul | 644942   | 4                     | 17.528 | 5094160 | 20.0 |
| Octadecanoic acid  | 19.604 | 3.2     | ng/ul | 762435   | 5                     | 21.604 | 4785760 | 20.0 |