

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071023\  
 Data File : BP016176.D  
 Acq On : 11 Jul 2023 02:35  
 Operator : MA/JU  
 Sample : 03404-17  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 YBW53

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-BP062623.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016176.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         | 3.340       | 23            | 26          | 33           | rVB      | 38628          | 57685         | 1.10%           | 0.115%        |
| 2         | 3.805       | 103           | 105         | 121          | rBV      | 159094         | 394643        | 7.55%           | 0.786%        |
| 3         | 7.240       | 681           | 689         | 704          | rBV      | 245154         | 997572        | 19.10%          | 1.987%        |
| 4         | 7.358       | 704           | 709         | 719          | rBV      | 244751         | 558493        | 10.69%          | 1.112%        |
| 5         | 7.569       | 738           | 745         | 774          | rVB      | 380684         | 1085243       | 20.78%          | 2.161%        |
| 6         | 8.022       | 816           | 822         | 849          | rBV2     | 305331         | 1107454       | 21.20%          | 2.205%        |
| 7         | 8.799       | 945           | 954         | 996          | rBV2     | 266845         | 1483240       | 28.39%          | 2.954%        |
| 8         | 9.240       | 1022          | 1029        | 1061         | rBV      | 297698         | 1139784       | 21.82%          | 2.270%        |
| 9         | 9.522       | 1074          | 1077        | 1085         | rVB8     | 10738          | 20851         | 0.40%           | 0.042%        |
| 10        | 9.987       | 1148          | 1156        | 1186         | rBV3     | 161223         | 957746        | 18.33%          | 1.907%        |
| 11        | 10.593      | 1252          | 1259        | 1294         | rBV2     | 212639         | 1321010       | 25.29%          | 2.631%        |
| 12        | 10.852      | 1296          | 1303        | 1328         | rVB      | 565030         | 1803695       | 34.53%          | 3.592%        |
| 13        | 11.099      | 1338          | 1345        | 1373         | rBV3     | 124276         | 734300        | 14.06%          | 1.462%        |
| 14        | 12.540      | 1584          | 1590        | 1597         | rBV10    | 8037           | 23350         | 0.45%           | 0.046%        |
| 15        | 12.610      | 1601          | 1602        | 1608         | rVB6     | 4121           | 5487          | 0.11%           | 0.011%        |
| 16        | 13.493      | 1747          | 1752        | 1754         | rBV5     | 4698           | 6939          | 0.13%           | 0.014%        |
| 17        | 13.557      | 1759          | 1763        | 1773         | rVB3     | 12985          | 29339         | 0.56%           | 0.058%        |
| 18        | 13.669      | 1781          | 1782        | 1787         | rBV5     | 2716           | 5374          | 0.10%           | 0.011%        |
| 19        | 14.010      | 1835          | 1840        | 1842         | rBV6     | 4504           | 5911          | 0.11%           | 0.012%        |
| 20        | 14.099      | 1848          | 1855        | 1887         | rBV      | 924113         | 2564262       | 49.09%          | 5.106%        |
| 21        | 14.369      | 1894          | 1901        | 1929         | rBV      | 1509104        | 3015548       | 57.73%          | 6.005%        |
| 22        | 14.546      | 1929          | 1931        | 1937         | rVB7     | 7475           | 13453         | 0.26%           | 0.027%        |
| 23        | 14.669      | 1946          | 1952        | 1975         | rBV      | 1341603        | 2520084       | 48.24%          | 5.018%        |
| 24        | 15.087      | 2015          | 2023        | 2026         | rBV5     | 65759          | 171597        | 3.28%           | 0.342%        |
| 25        | 15.681      | 2117          | 2124        | 2153         | rBV      | 1441617        | 3897247       | 74.61%          | 7.761%        |
| 26        | 15.904      | 2155          | 2162        | 2185         | rVV4     | 125925         | 713406        | 13.66%          | 1.421%        |
| 27        | 16.069      | 2185          | 2190        | 2210         | rVB      | 259366         | 528267        | 10.11%          | 1.052%        |
| 28        | 16.316      | 2230          | 2232        | 2235         | rVB4     | 8977           | 8580          | 0.16%           | 0.017%        |
| 29        | 16.481      | 2256          | 2260        | 2263         | rBV6     | 3566           | 6008          | 0.12%           | 0.012%        |
| 30        | 16.616      | 2277          | 2283        | 2286         | rBV5     | 11331          | 20424         | 0.39%           | 0.041%        |
| 31        | 16.751      | 2303          | 2306        | 2308         | rBV4     | 5339           | 5241          | 0.10%           | 0.010%        |
| 32        | 16.810      | 2314          | 2316        | 2320         | rVB5     | 3855           | 5604          | 0.11%           | 0.011%        |
| 33        | 16.869      | 2324          | 2326        | 2330         | rVV4     | 6437           | 9274          | 0.18%           | 0.018%        |
| 34        | 16.910      | 2331          | 2333        | 2337         | rVB5     | 5780           | 7760          | 0.15%           | 0.015%        |
| 35        | 17.098      | 2361          | 2365        | 2370         | rBV8     | 8435           | 17873         | 0.34%           | 0.036%        |
| 36        | 17.140      | 2370          | 2372        | 2376         | rVB5     | 6807           | 5814          | 0.11%           | 0.012%        |

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Peak Location: TOP

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Peak separation: 5

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|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 17.181 | 2376 | 2379 | 2383 | rBV6 | 4110    | 6361    | 0.12%   | 0.013%  |
| 38 | 17.434 | 2416 | 2422 | 2435 | rBV  | 1807459 | 3000882 | 57.45%  | 5.976%  |
| 39 | 17.545 | 2435 | 2441 | 2471 | rVB  | 1370615 | 4195412 | 80.31%  | 8.355%  |
| 40 | 18.292 | 2563 | 2568 | 2578 | rBV2 | 174563  | 418625  | 8.01%   | 0.834%  |
| 41 | 19.357 | 2745 | 2749 | 2752 | rBV4 | 31623   | 44989   | 0.86%   | 0.090%  |
| 42 | 19.522 | 2774 | 2777 | 2788 | rBV5 | 58161   | 127155  | 2.43%   | 0.253%  |
| 43 | 19.775 | 2814 | 2820 | 2850 | rBV  | 2099453 | 5223744 | 100.00% | 10.402% |
| 44 | 20.228 | 2895 | 2897 | 2901 | rBV3 | 26846   | 31149   | 0.60%   | 0.062%  |
| 45 | 21.216 | 3060 | 3065 | 3076 | rBV3 | 267049  | 772503  | 14.79%  | 1.538%  |
| 46 | 21.551 | 3117 | 3122 | 3131 | rBV  | 1265304 | 2995120 | 57.34%  | 5.964%  |
| 47 | 23.827 | 3506 | 3509 | 3514 | rVB2 | 225152  | 326653  | 6.25%   | 0.650%  |
| 48 | 23.904 | 3515 | 3522 | 3543 | rVV2 | 1531102 | 4187046 | 80.15%  | 8.338%  |
| 49 | 24.074 | 3545 | 3551 | 3581 | rVB  | 817228  | 3136891 | 60.05%  | 6.247%  |
| 50 | 24.580 | 3634 | 3637 | 3645 | rVB  | 272914  | 501522  | 9.60%   | 0.999%  |

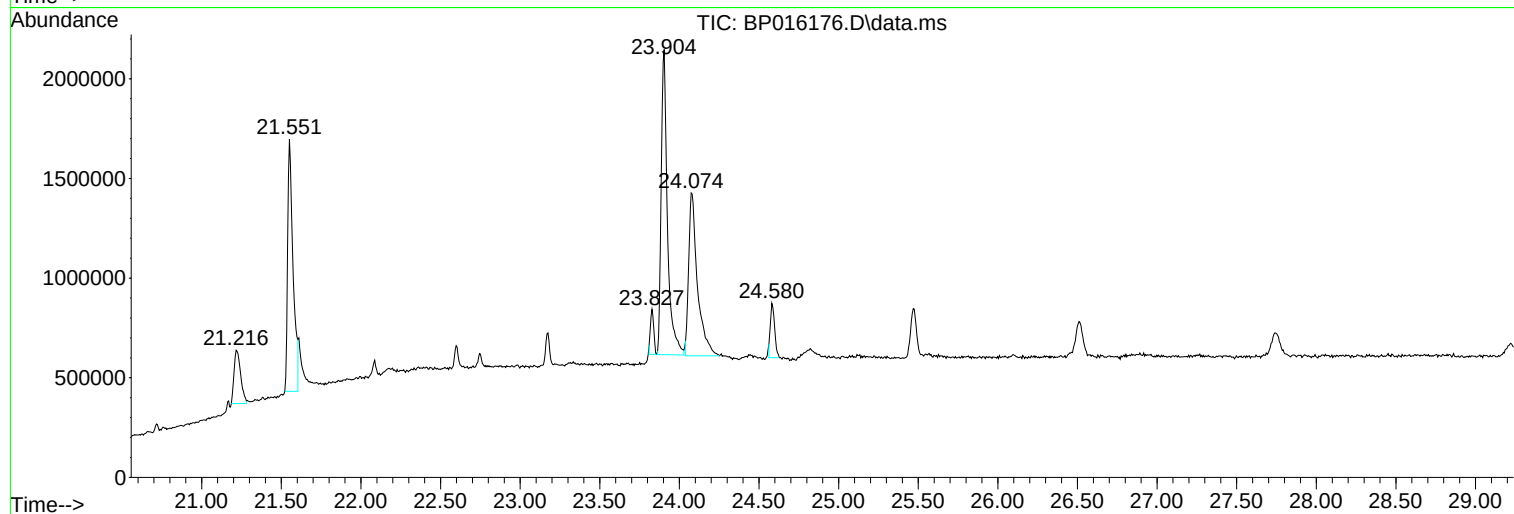
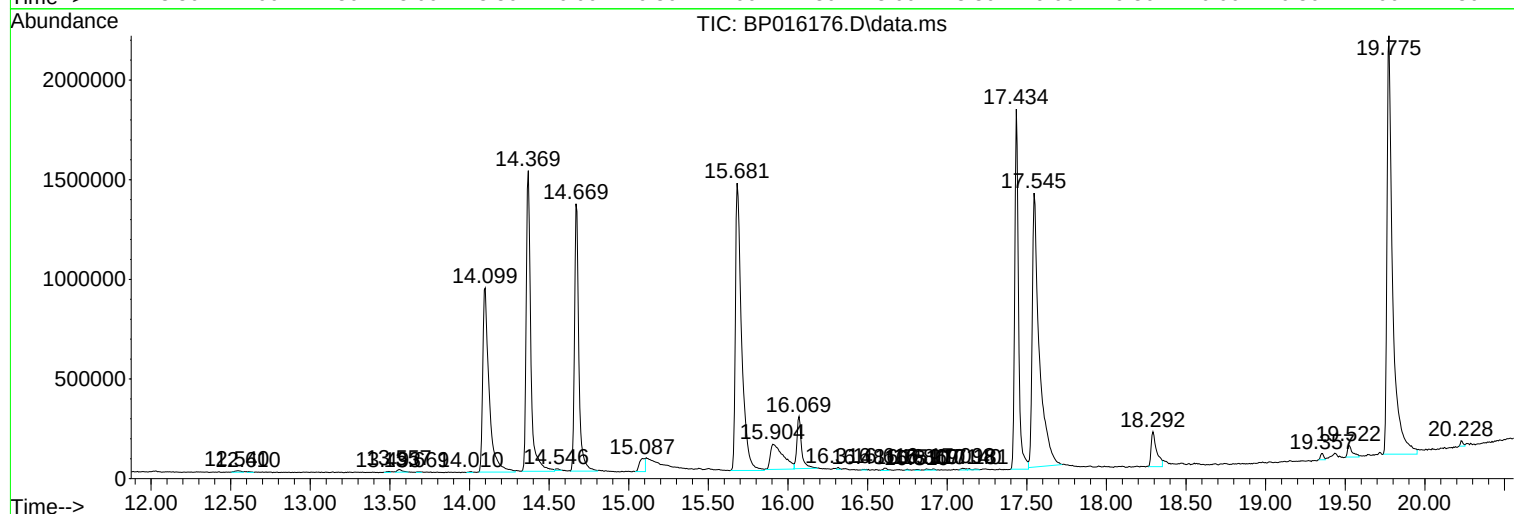
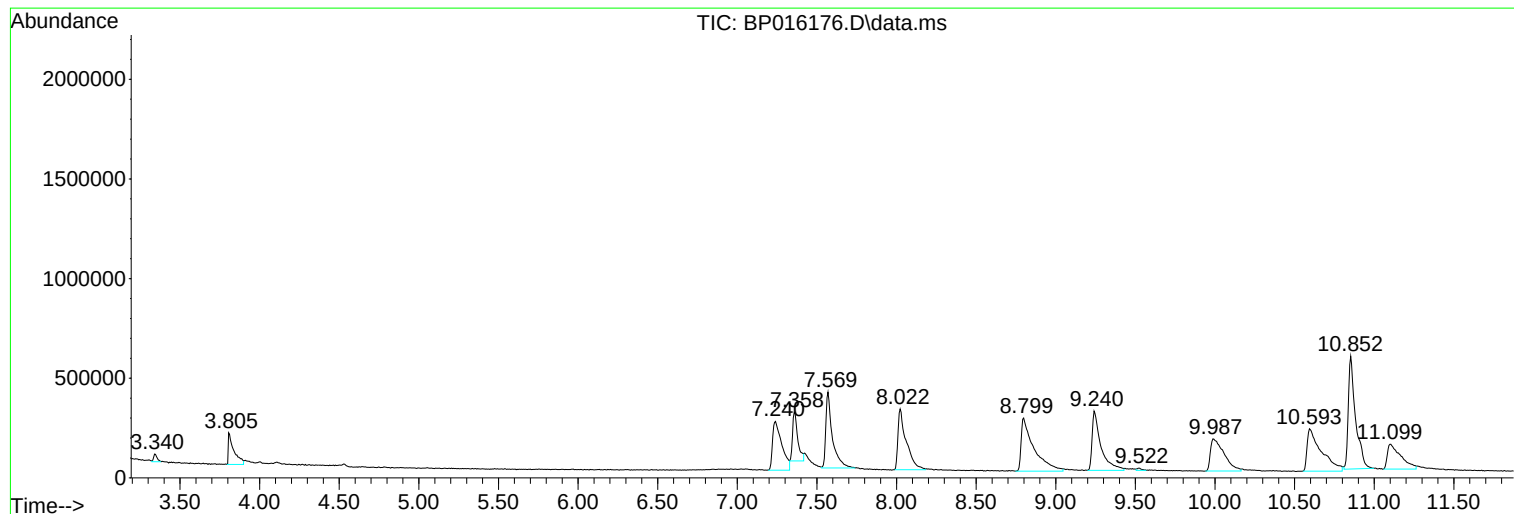
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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



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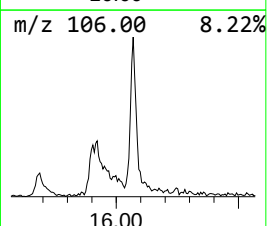
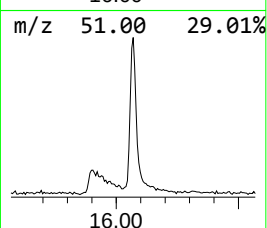
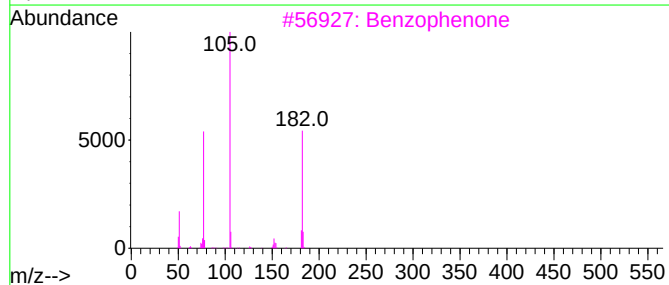
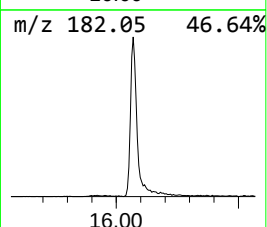
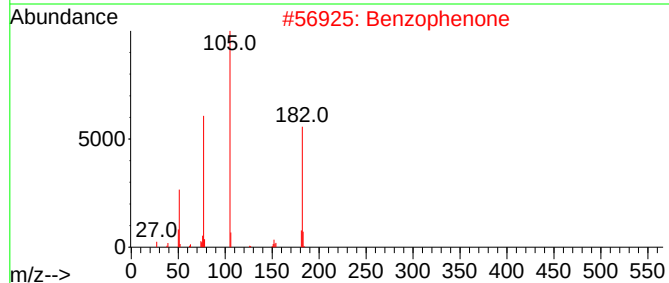
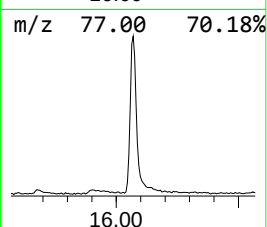
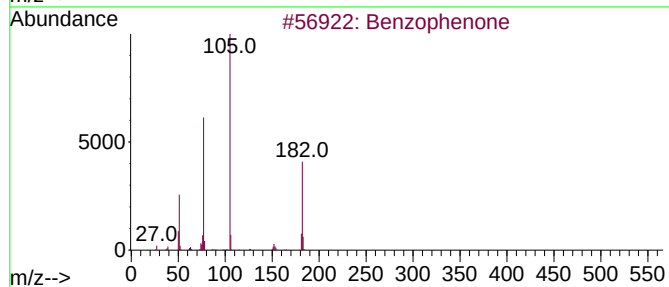
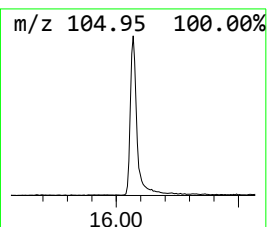
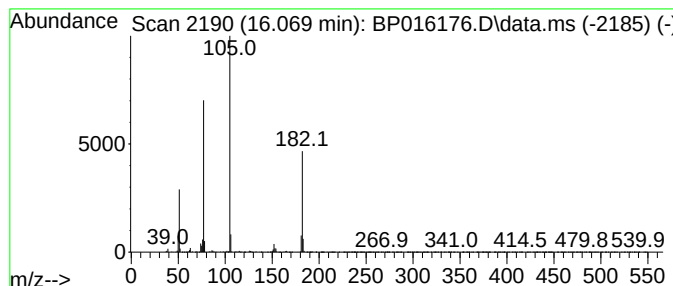
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.069 | 3.52 ng/ul | 528267 | Phenanthrene-d10 | 17.434 |

| 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 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 83   |



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Instrument :  
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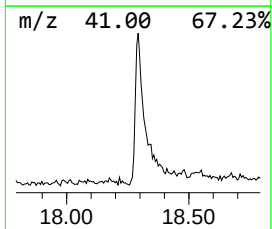
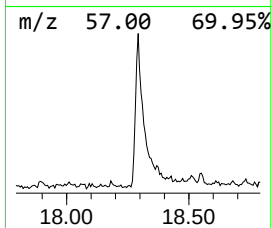
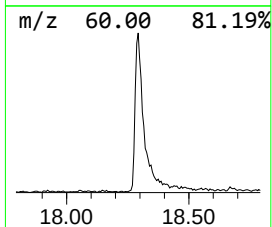
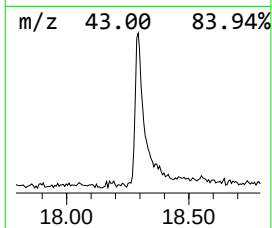
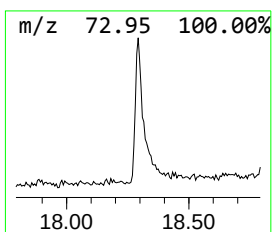
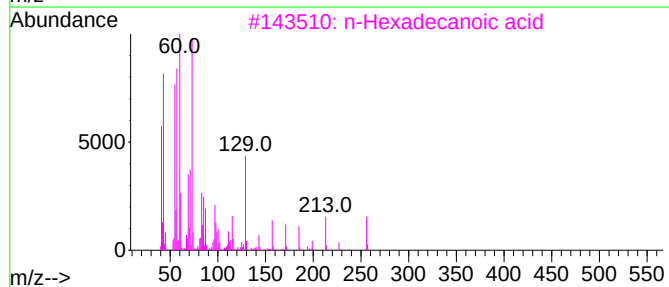
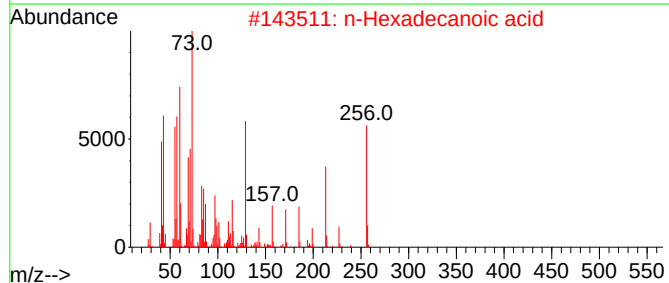
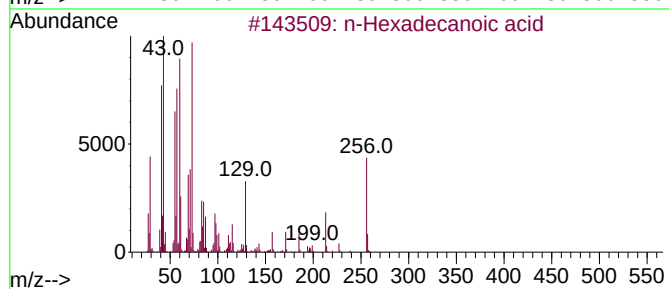
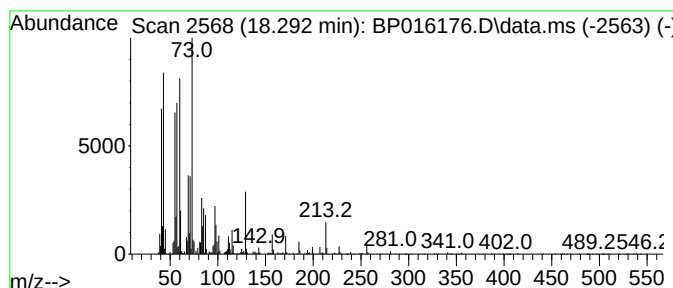
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.292 | 2.79 ng/ul | 418625 | Phenanthrene-d10 | 17.434 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87   |
| 5    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |



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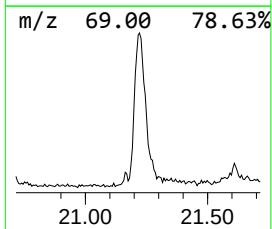
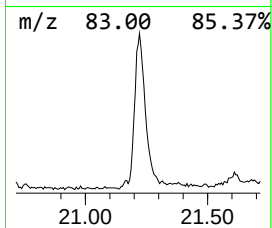
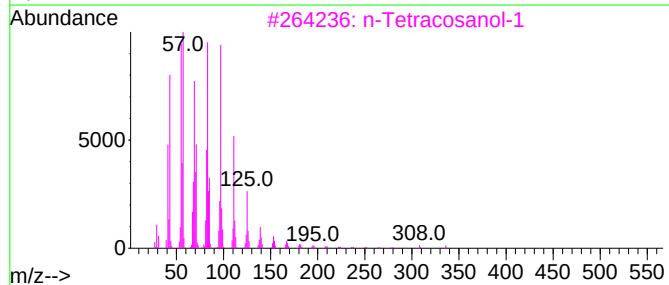
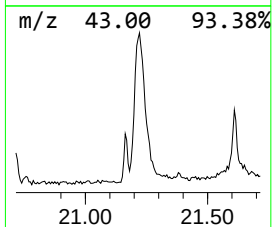
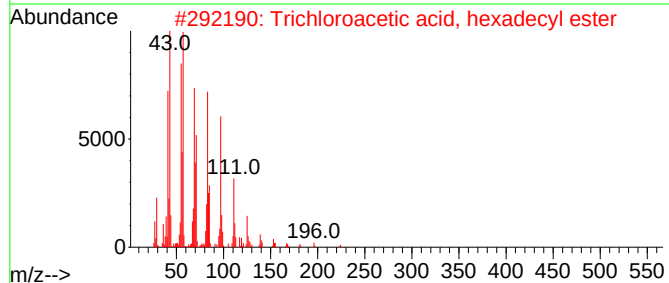
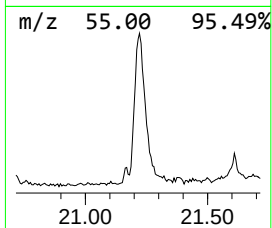
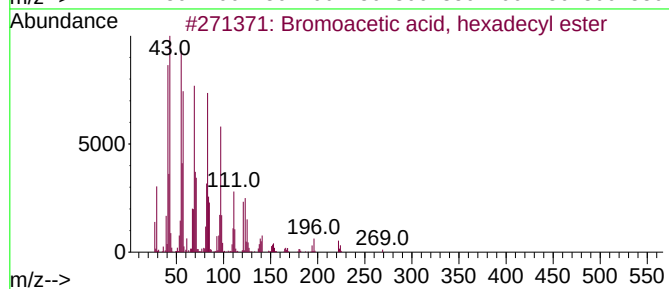
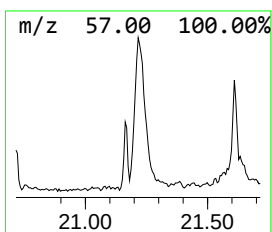
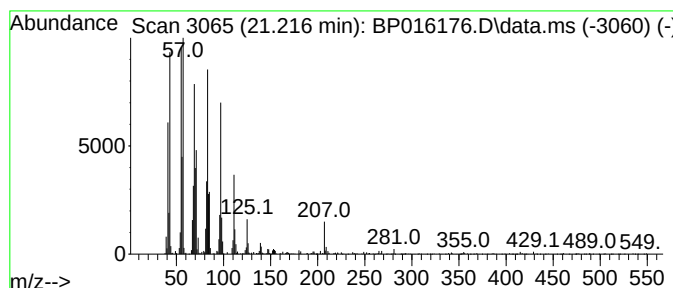
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.216 | 5.16 ng/ul | 772503 | Chrysene-d12     | 21.551 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2  | 005454-48-8  | 94   |
| 2    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 94   |
| 3    |    |   | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4  | 94   |
| 4    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2  | 959092-08-1  | 94   |
| 5    |    |   | Heptadecafluorononanoic acid, tr... | 646 | C22H27F17O2 | 1000356-02-9 | 94   |



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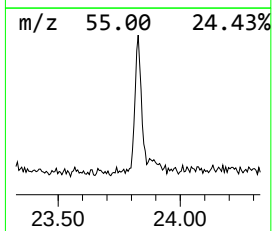
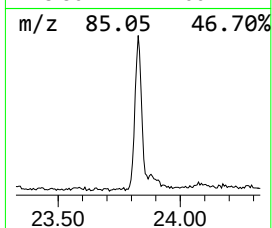
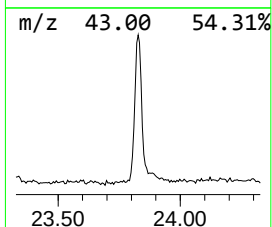
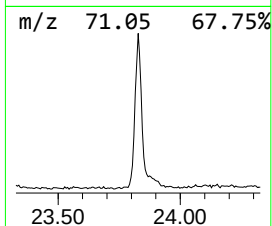
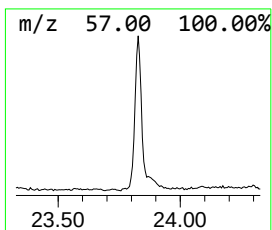
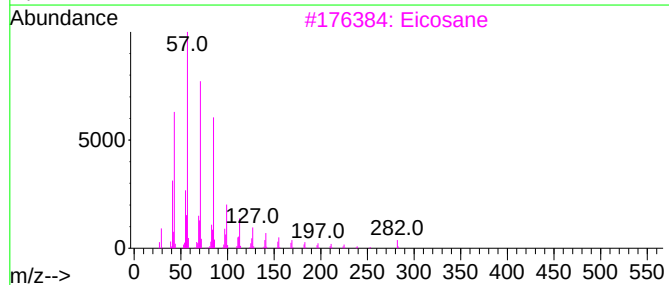
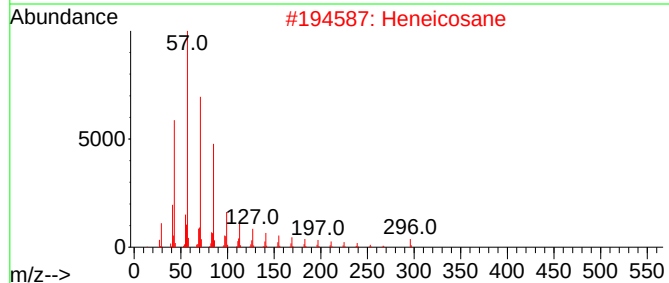
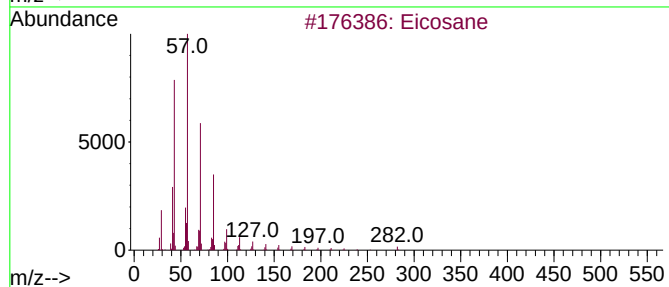
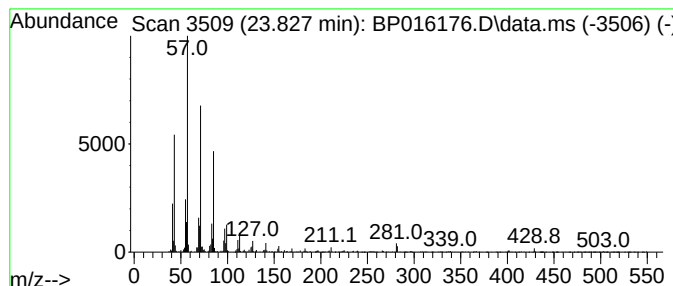
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.827 | 2.08 ng/ul | 326653 | Perylene-d12     | 24.080 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane          | 282 | C20H42  | 000112-95-8 | 93   |
| 2    |    |   | Heneicosane       | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Eicosane          | 282 | C20H42  | 000112-95-8 | 91   |
| 4    |    |   | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 87   |
| 5    |    |   | Hexacosane        | 366 | C26H54  | 000630-01-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071023\  
Data File : BP016176.D  
Acq On : 11 Jul 2023 02:35  
Operator : MA/JU  
Sample : 03404-17  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBW53

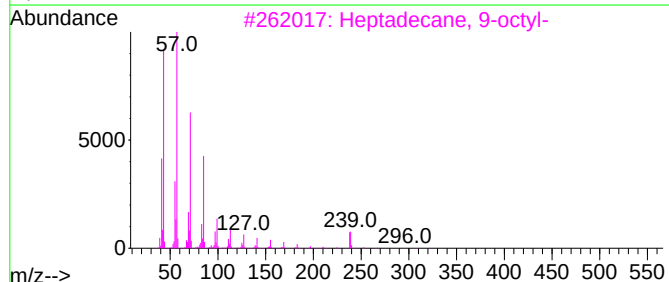
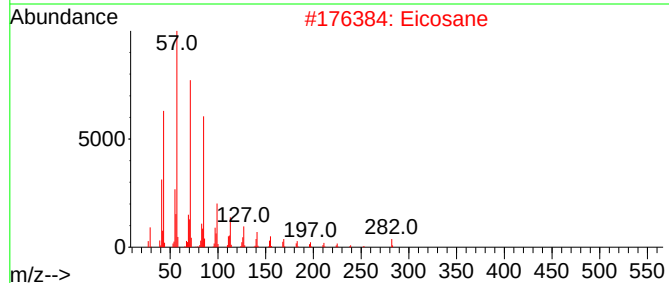
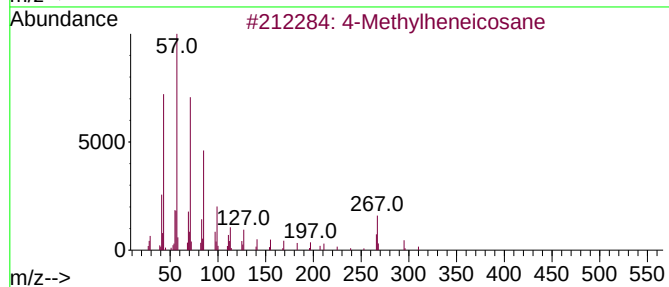
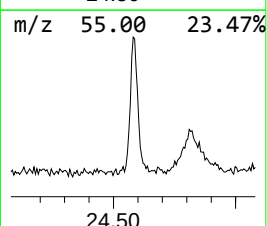
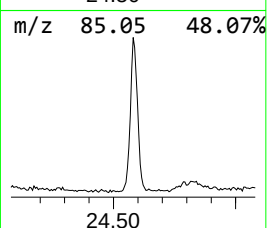
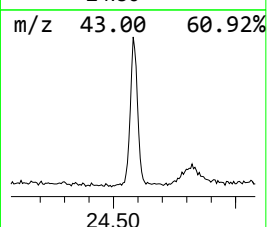
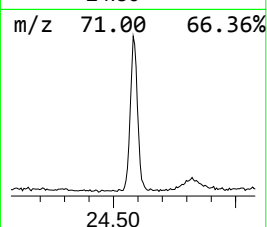
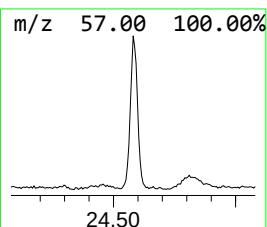
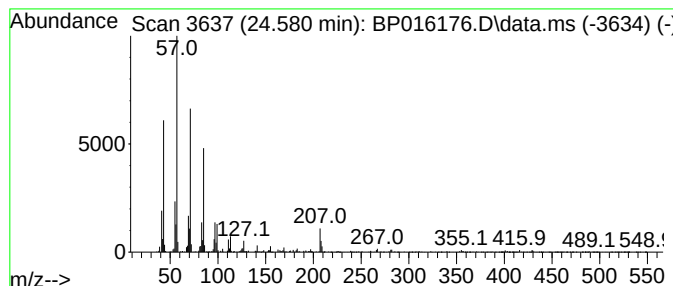
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.580 | 3.20 ng/ul | 501522 | Perylene-d12     | 24.080 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | 4-Methylheneicosane   | 310 | C22H46  | 025117-29-7 | 90   |
| 2    |      | Eicosane              | 282 | C20H42  | 000112-95-8 | 90   |
| 3    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 90   |
| 4    |      | 9-Methylheneicosane   | 310 | C22H46  | 070475-51-3 | 87   |
| 5    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071023\  
Data File : BP016176.D  
Acq On : 11 Jul 2023 02:35  
Operator : MA/JU  
Sample : 03404-17  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
YBW53

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.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       | 16.069 | 3.5     | ng/u1 | 528267   | 4                     | 17.434 | 3000880 | 20.0 |
| n-Hexadecanoic ... | 18.292 | 2.8     | ng/u1 | 418625   | 4                     | 17.434 | 3000880 | 20.0 |
| Bromoacetic aci... | 21.216 | 5.2     | ng/u1 | 772503   | 5                     | 21.551 | 2995120 | 20.0 |
| (DEL) Alkane: S... | 23.827 | 2.1     | ng/u1 | 326653   | 6                     | 24.080 | 3136890 | 20.0 |
| (DEL) Alkane: S... | 24.580 | 3.2     | ng/u1 | 501522   | 6                     | 24.080 | 3136890 | 20.0 |