

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030823\  
 Data File : BP014005.D  
 Acq On : 09 Mar 2023 12:05  
 Operator : CG/JU  
 Sample : 01713-20  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBZZ8

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-BP030723.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP014005.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         | 3.328       | 21            | 24          | 27           | rBV5     | 3174           | 3819          | 0.13%           | 0.012%        |
| 2         | 3.434       | 39            | 42          | 51           | rVB      | 18140          | 27526         | 0.95%           | 0.090%        |
| 3         | 3.734       | 91            | 93          | 97           | rVB      | 4083           | 4146          | 0.14%           | 0.014%        |
| 4         | 3.875       | 115           | 117         | 121          | rVB4     | 3757           | 4329          | 0.15%           | 0.014%        |
| 5         | 3.916       | 121           | 124         | 126          | rBV3     | 7585           | 10384         | 0.36%           | 0.034%        |
| 6         | 3.975       | 130           | 134         | 142          | rVB2     | 19070          | 27723         | 0.95%           | 0.090%        |
| 7         | 4.099       | 149           | 155         | 161          | rVB2     | 23581          | 40168         | 1.38%           | 0.131%        |
| 8         | 4.199       | 169           | 172         | 178          | rBV      | 8424           | 12530         | 0.43%           | 0.041%        |
| 9         | 4.305       | 186           | 190         | 196          | rVB3     | 11779          | 17356         | 0.60%           | 0.057%        |
| 10        | 4.505       | 220           | 224         | 229          | rBV8     | 2301           | 3915          | 0.13%           | 0.013%        |
| 11        | 4.581       | 233           | 237         | 243          | rVV7     | 5083           | 9846          | 0.34%           | 0.032%        |
| 12        | 4.775       | 265           | 270         | 274          | rBV7     | 2237           | 3900          | 0.13%           | 0.013%        |
| 13        | 5.028       | 307           | 313         | 318          | rBV10    | 1772           | 3988          | 0.14%           | 0.013%        |
| 14        | 5.140       | 326           | 332         | 341          | rVB      | 39657          | 65746         | 2.26%           | 0.214%        |
| 15        | 5.746       | 430           | 435         | 436          | rBV5     | 2125           | 2972          | 0.10%           | 0.010%        |
| 16        | 6.452       | 549           | 555         | 562          | rVB3     | 11655          | 18545         | 0.64%           | 0.060%        |
| 17        | 7.228       | 681           | 687         | 703          | rVB      | 290761         | 517623        | 17.77%          | 1.688%        |
| 18        | 7.399       | 710           | 716         | 726          | rBV      | 222289         | 361470        | 12.41%          | 1.179%        |
| 19        | 7.605       | 744           | 751         | 761          | rBV      | 304714         | 489916        | 16.82%          | 1.598%        |
| 20        | 7.687       | 761           | 765         | 770          | rVB7     | 3266           | 5468          | 0.19%           | 0.018%        |
| 21        | 7.893       | 796           | 800         | 806          | rVB5     | 3434           | 6441          | 0.22%           | 0.021%        |
| 22        | 8.081       | 823           | 832         | 840          | rBV      | 490682         | 802988        | 27.57%          | 2.619%        |
| 23        | 8.787       | 945           | 952         | 965          | rBV      | 321876         | 550294        | 18.90%          | 1.795%        |
| 24        | 8.910       | 967           | 973         | 979          | rVV      | 46222          | 73901         | 2.54%           | 0.241%        |
| 25        | 9.251       | 1023          | 1031        | 1044         | rBV      | 301592         | 495501        | 17.01%          | 1.616%        |
| 26        | 9.410       | 1051          | 1058        | 1064         | rVB10    | 2850           | 5642          | 0.19%           | 0.018%        |
| 27        | 9.640       | 1093          | 1097        | 1103         | rVB4     | 6398           | 11456         | 0.39%           | 0.037%        |
| 28        | 9.804       | 1122          | 1125        | 1134         | rVB10    | 3145           | 6858          | 0.24%           | 0.022%        |
| 29        | 9.981       | 1145          | 1155        | 1167         | rBV      | 247933         | 446514        | 15.33%          | 1.456%        |
| 30        | 10.198      | 1187          | 1192        | 1195         | rBV6     | 3019           | 5330          | 0.18%           | 0.017%        |
| 31        | 10.310      | 1205          | 1211        | 1213         | rBV7     | 5213           | 7557          | 0.26%           | 0.025%        |
| 32        | 10.522      | 1240          | 1247        | 1261         | rBV      | 364208         | 659631        | 22.65%          | 2.151%        |
| 33        | 10.675      | 1269          | 1273        | 1278         | rVB5     | 5347           | 8566          | 0.29%           | 0.028%        |
| 34        | 10.904      | 1303          | 1312        | 1319         | rBV      | 695178         | 1150272       | 39.50%          | 3.752%        |
| 35        | 11.040      | 1328          | 1335        | 1353         | rBV      | 244611         | 480213        | 16.49%          | 1.566%        |
| 36        | 11.440      | 1398          | 1403        | 1409         | rBV10    | 4612           | 10217         | 0.35%           | 0.033%        |

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 ALS Vial : 37 Sample Multiplier: 1

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 ClientSampleId :  
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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-BP030723.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 12.140 | 1517 | 1522 | 1525 | rBV4 | 3569    | 4319    | 0.15%  | 0.014% |
| 38 | 12.304 | 1548 | 1550 | 1556 | rVB7 | 2182    | 3560    | 0.12%  | 0.012% |
| 39 | 12.481 | 1576 | 1580 | 1587 | rVB4 | 7392    | 13023   | 0.45%  | 0.042% |
| 40 | 12.540 | 1587 | 1590 | 1593 | rVV4 | 2214    | 3342    | 0.11%  | 0.011% |
| 41 | 13.175 | 1694 | 1698 | 1706 | rVB4 | 2041    | 3721    | 0.13%  | 0.012% |
| 42 | 13.528 | 1752 | 1758 | 1761 | rBV7 | 7246    | 11907   | 0.41%  | 0.039% |
| 43 | 13.551 | 1761 | 1762 | 1768 | rVB5 | 3242    | 3169    | 0.11%  | 0.010% |
| 44 | 13.663 | 1776 | 1781 | 1784 | rBV7 | 2782    | 5552    | 0.19%  | 0.018% |
| 45 | 14.034 | 1841 | 1844 | 1848 | rBV5 | 2506    | 3533    | 0.12%  | 0.012% |
| 46 | 14.116 | 1850 | 1858 | 1865 | rBV  | 805663  | 1136851 | 39.04% | 3.708% |
| 47 | 14.239 | 1874 | 1879 | 1882 | rVB7 | 4478    | 7673    | 0.26%  | 0.025% |
| 48 | 14.345 | 1892 | 1897 | 1902 | rBV8 | 2682    | 5097    | 0.18%  | 0.017% |
| 49 | 14.410 | 1902 | 1908 | 1924 | rVV  | 865466  | 1262060 | 43.34% | 4.116% |
| 50 | 14.592 | 1934 | 1939 | 1943 | rVB6 | 5165    | 6155    | 0.21%  | 0.020% |
| 51 | 14.716 | 1953 | 1960 | 1968 | rBV  | 1154417 | 1727389 | 59.31% | 5.634% |
| 52 | 14.781 | 1968 | 1971 | 1975 | rVB5 | 3144    | 4436    | 0.15%  | 0.014% |
| 53 | 14.910 | 1987 | 1993 | 2009 | rBV  | 255808  | 513148  | 17.62% | 1.674% |
| 54 | 15.075 | 2017 | 2021 | 2026 | rBV6 | 7079    | 12190   | 0.42%  | 0.040% |
| 55 | 15.128 | 2026 | 2030 | 2040 | rVB8 | 15429   | 31010   | 1.06%  | 0.101% |
| 56 | 15.275 | 2053 | 2055 | 2060 | rVB6 | 2385    | 3372    | 0.12%  | 0.011% |
| 57 | 15.345 | 2063 | 2067 | 2068 | rBV4 | 3636    | 3860    | 0.13%  | 0.013% |
| 58 | 15.486 | 2086 | 2091 | 2093 | rBV5 | 2920    | 4865    | 0.17%  | 0.016% |
| 59 | 15.710 | 2122 | 2129 | 2135 | rBV  | 1171129 | 1672219 | 57.42% | 5.454% |
| 60 | 15.751 | 2135 | 2136 | 2142 | rVB6 | 8257    | 11938   | 0.41%  | 0.039% |
| 61 | 15.822 | 2142 | 2148 | 2156 | rBV  | 389848  | 559707  | 19.22% | 1.825% |
| 62 | 15.951 | 2166 | 2170 | 2177 | rVB9 | 6496    | 13057   | 0.45%  | 0.043% |
| 63 | 16.069 | 2184 | 2190 | 2196 | rBV  | 178497  | 245788  | 8.44%  | 0.802% |
| 64 | 16.404 | 2245 | 2247 | 2249 | rBV3 | 4124    | 4965    | 0.17%  | 0.016% |
| 65 | 16.651 | 2286 | 2289 | 2294 | rBV7 | 3431    | 5742    | 0.20%  | 0.019% |
| 66 | 16.763 | 2307 | 2308 | 2315 | rVB7 | 3068    | 4050    | 0.14%  | 0.013% |
| 67 | 16.863 | 2321 | 2325 | 2329 | rBV6 | 3431    | 5347    | 0.18%  | 0.017% |
| 68 | 16.916 | 2332 | 2334 | 2341 | rVB8 | 5073    | 8925    | 0.31%  | 0.029% |
| 69 | 16.998 | 2344 | 2348 | 2353 | rVB3 | 11228   | 16665   | 0.57%  | 0.054% |
| 70 | 17.263 | 2388 | 2393 | 2396 | rBV6 | 4988    | 8814    | 0.30%  | 0.029% |
| 71 | 17.369 | 2405 | 2411 | 2414 | rBV8 | 5725    | 12116   | 0.42%  | 0.040% |
| 72 | 17.469 | 2422 | 2428 | 2439 | rBV  | 1537288 | 2277710 | 78.21% | 7.429% |
| 73 | 17.569 | 2439 | 2445 | 2455 | rVV2 | 1267435 | 1852867 | 63.62% | 6.043% |
| 74 | 17.651 | 2455 | 2459 | 2464 | rVB7 | 16135   | 27717   | 0.95%  | 0.090% |
| 75 | 17.739 | 2472 | 2474 | 2479 | rVB5 | 3901    | 4411    | 0.15%  | 0.014% |
| 76 | 18.116 | 2535 | 2538 | 2542 | rVB5 | 8488    | 9944    | 0.34%  | 0.032% |

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Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 18.327 | 2569 | 2574 | 2583 | rBV  | 250717  | 377520  | 12.96%  | 1.231% |
| 78 | 18.733 | 2640 | 2643 | 2647 | rVB3 | 31893   | 33675   | 1.16%   | 0.110% |
| 79 | 18.892 | 2667 | 2670 | 2677 | rVB2 | 19128   | 25990   | 0.89%   | 0.085% |
| 80 | 19.216 | 2721 | 2725 | 2731 | rBV7 | 21761   | 36045   | 1.24%   | 0.118% |
| 81 | 19.292 | 2736 | 2738 | 2742 | rBV3 | 13899   | 22492   | 0.77%   | 0.073% |
| 82 | 19.369 | 2747 | 2751 | 2757 | rVB6 | 35037   | 57304   | 1.97%   | 0.187% |
| 83 | 19.439 | 2758 | 2763 | 2765 | rBV4 | 30783   | 51914   | 1.78%   | 0.169% |
| 84 | 19.557 | 2779 | 2783 | 2791 | rBV2 | 64506   | 112629  | 3.87%   | 0.367% |
| 85 | 19.792 | 2817 | 2823 | 2833 | rBV  | 2033762 | 2691895 | 92.43%  | 8.780% |
| 86 | 20.216 | 2891 | 2895 | 2899 | rBV  | 104209  | 130663  | 4.49%   | 0.426% |
| 87 | 20.727 | 2979 | 2982 | 2986 | rVB  | 105740  | 123011  | 4.22%   | 0.401% |
| 88 | 21.221 | 3062 | 3066 | 3074 | rBV2 | 540543  | 838404  | 28.79%  | 2.734% |
| 89 | 21.551 | 3116 | 3122 | 3127 | rBV  | 2144787 | 2912302 | 100.00% | 9.499% |
| 90 | 23.921 | 3518 | 3525 | 3540 | rVB2 | 1263913 | 2741264 | 94.13%  | 8.941% |
| 91 | 24.086 | 3546 | 3553 | 3563 | rVB2 | 1239232 | 2640459 | 90.67%  | 8.612% |

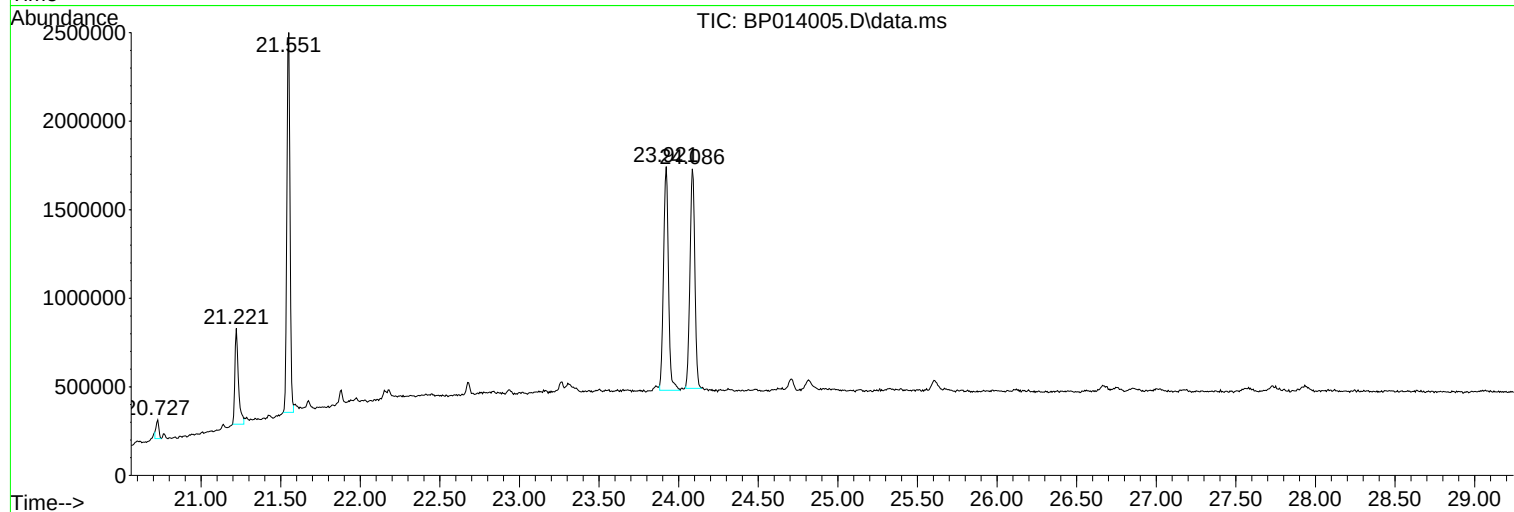
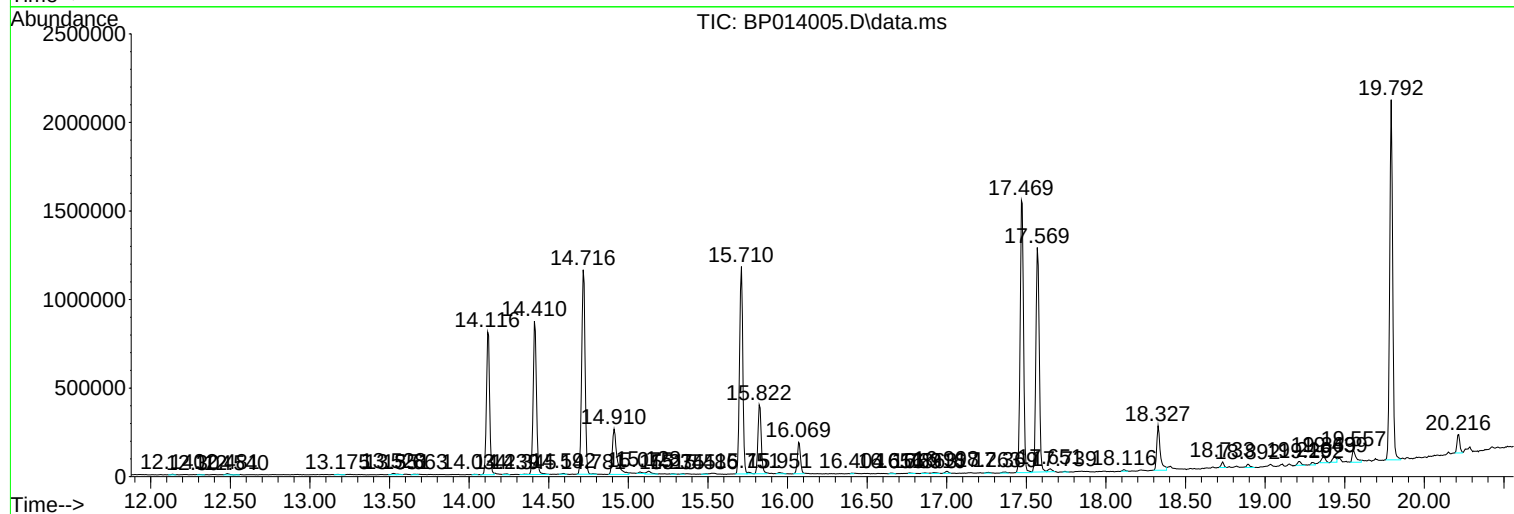
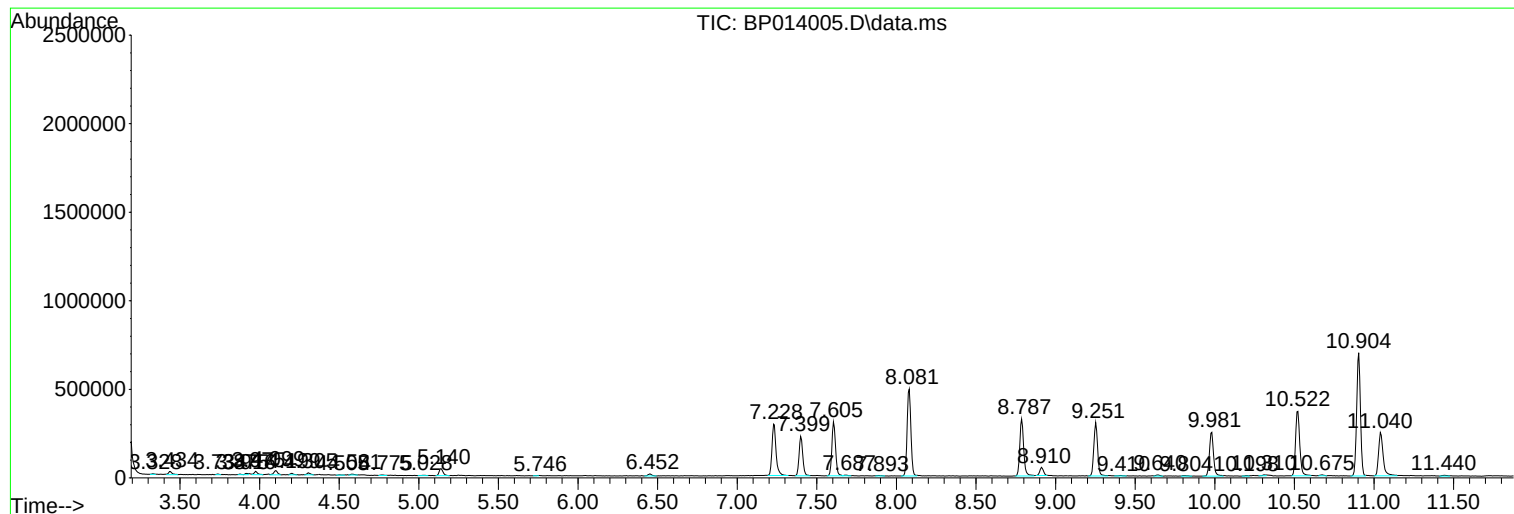
Sum of corrected areas: 30660532

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030823\  
Data File : BP014005.D  
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Sample : 01713-20  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030823\  
Data File : BP014005.D  
Acq On : 09 Mar 2023 12:05  
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Sample : 01713-20  
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ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_P  
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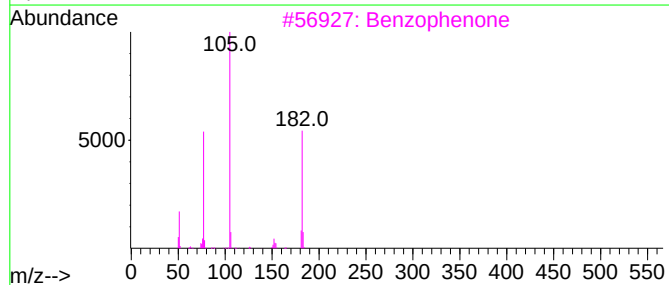
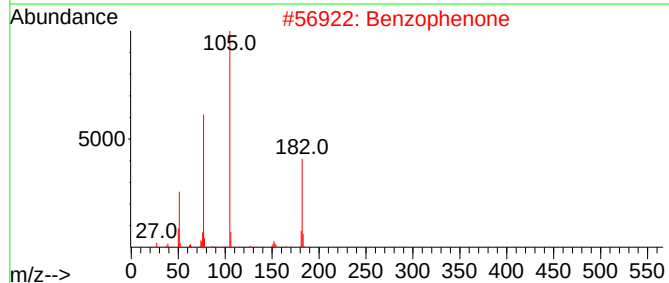
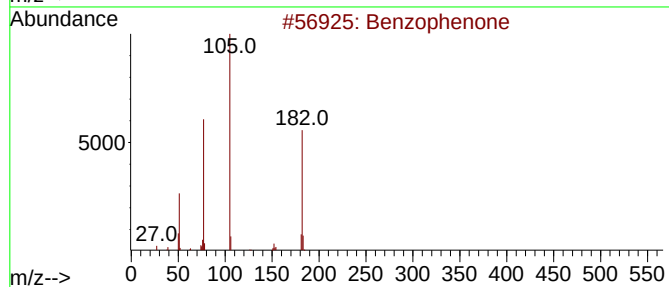
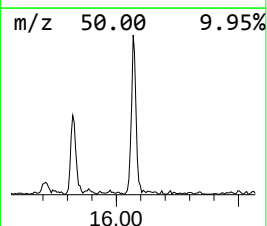
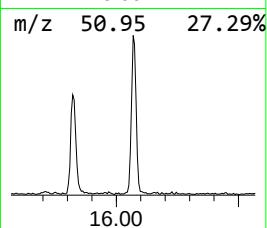
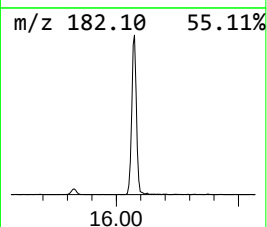
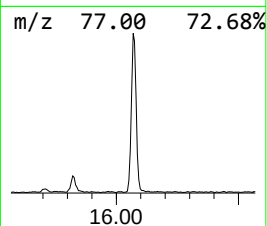
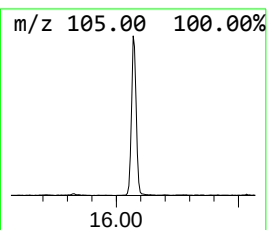
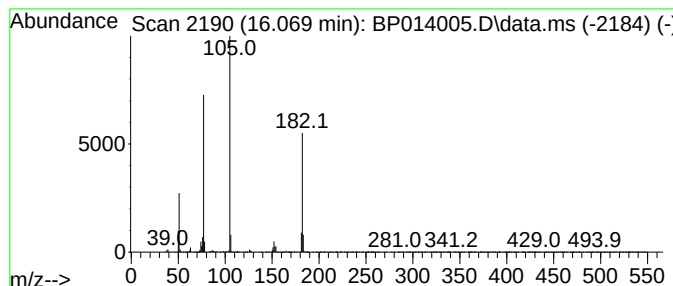
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.069 | 2.85 ng/ul | 245788 | Acenaphthene-d10 | 14.716 |

| 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 | 91   |



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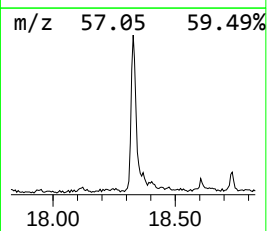
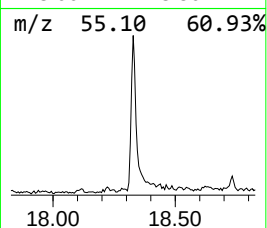
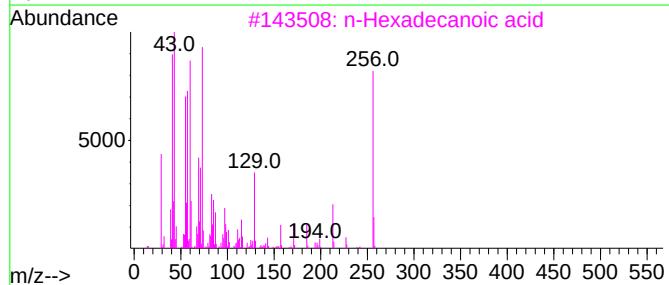
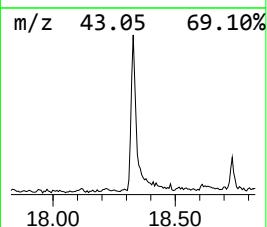
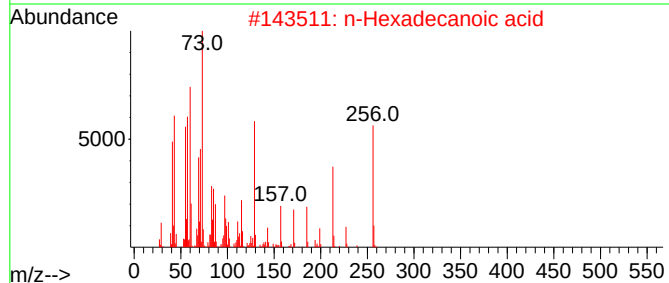
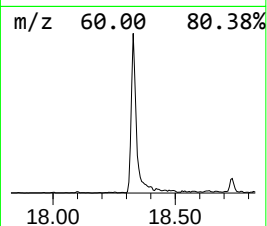
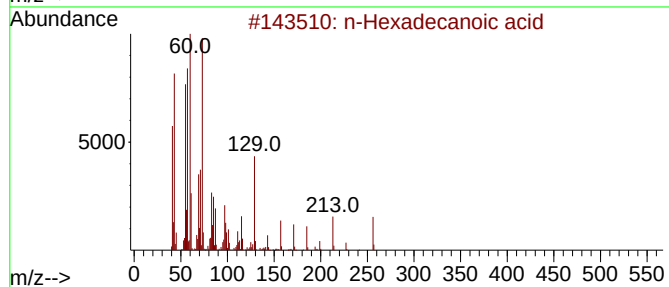
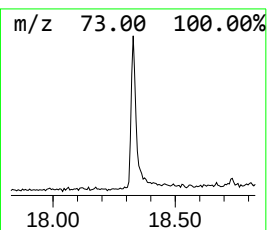
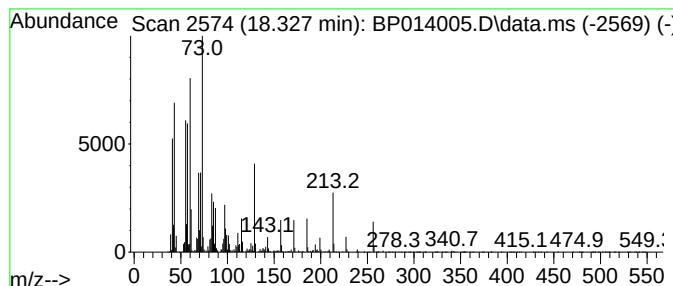
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.328 | 3.31 ng/ul | 377520 | Phenanthrene-d10 | 17.469 |

| 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |



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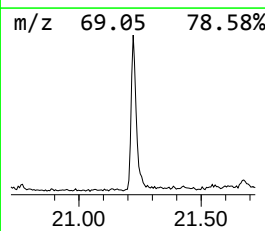
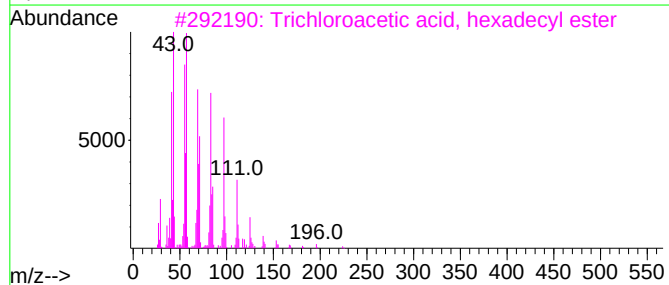
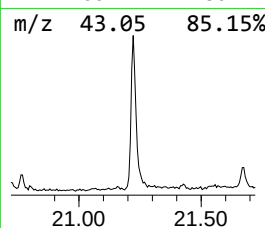
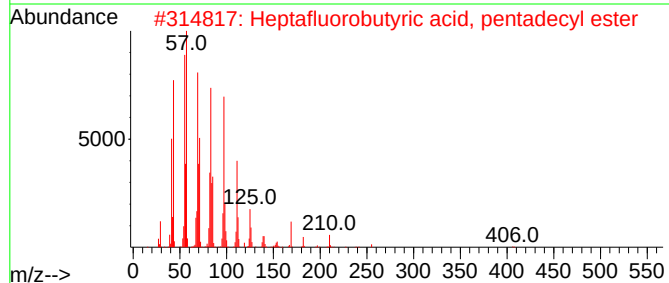
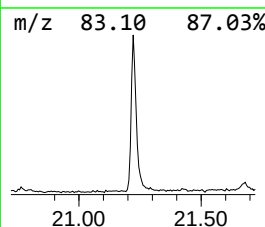
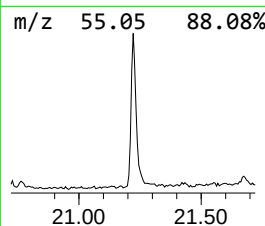
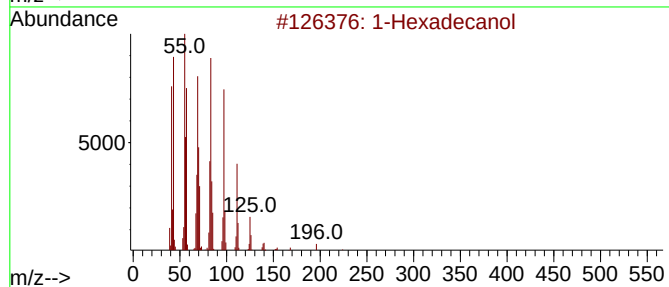
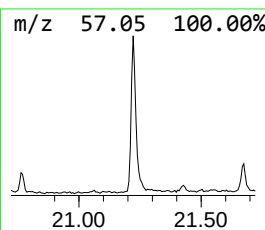
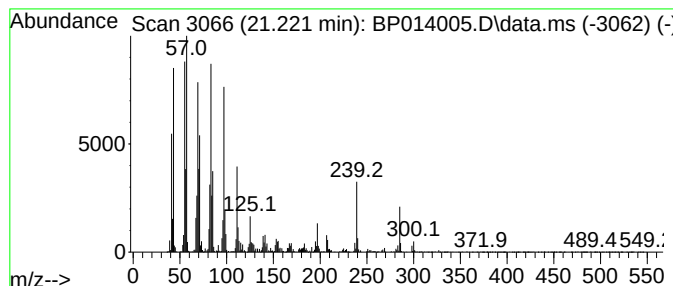
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1-Hexadecanol Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.221 | 5.76 ng/ul | 838404 | Chrysene-d12     | 21.551 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Hexadecanol                       | 242 | C16H34O     | 036653-82-4 | 93   |
| 2    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2  | 959261-23-5 | 93   |
| 3    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 93   |
| 4    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6 | 93   |
| 5    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2  | 959092-08-1 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP030823\  
Data File : BP014005.D  
Acq On : 09 Mar 2023 12:05  
Operator : CG/JU  
Sample : 01713-20  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBZZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.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 | 2.9     | ng/ul | 245788   | 3                     | 14.716 | 1727390 | 20.0 |
| n-Hexadecanoic ... | 18.328 | 3.3     | ng/ul | 377520   | 4                     | 17.469 | 2277710 | 20.0 |
| 1-Hexadecanol      | 21.221 | 5.8     | ng/ul | 838404   | 5                     | 21.551 | 2912300 | 20.0 |