

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
 Data File : BP016360.D  
 Acq On : 25 Jul 2023 23:21  
 Operator : MA/JU  
 Sample : 03534-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4720

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-BP072523.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016360.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         | 3.428       | 20            | 24          | 31           | rVB      | 95384          | 123716        | 1.69%           | 0.145%        |
| 2         | 3.711       | 70            | 72          | 80           | rVB      | 12556          | 16797         | 0.23%           | 0.020%        |
| 3         | 3.858       | 92            | 97          | 110          | rBV      | 1259905        | 1789346       | 24.42%          | 2.090%        |
| 4         | 3.981       | 115           | 118         | 121          | rBV5     | 5245           | 8060          | 0.11%           | 0.009%        |
| 5         | 4.081       | 131           | 135         | 140          | rVB2     | 9545           | 15807         | 0.22%           | 0.018%        |
| 6         | 4.193       | 149           | 154         | 160          | rVB      | 27084          | 41936         | 0.57%           | 0.049%        |
| 7         | 4.646       | 228           | 231         | 239          | rVB8     | 4786           | 8995          | 0.12%           | 0.011%        |
| 8         | 4.775       | 251           | 253         | 257          | rVV5     | 7785           | 10998         | 0.15%           | 0.013%        |
| 9         | 4.828       | 258           | 262         | 266          | rVB3     | 8900           | 14251         | 0.19%           | 0.017%        |
| 10        | 5.134       | 310           | 314         | 316          | rBV2     | 7961           | 12830         | 0.18%           | 0.015%        |
| 11        | 5.158       | 316           | 318         | 322          | rVB2     | 8674           | 9778          | 0.13%           | 0.011%        |
| 12        | 6.663       | 569           | 574         | 579          | rBV7     | 5860           | 12129         | 0.17%           | 0.014%        |
| 13        | 6.728       | 579           | 585         | 589          | rVV8     | 5142           | 10270         | 0.14%           | 0.012%        |
| 14        | 7.005       | 627           | 632         | 637          | rBV9     | 6404           | 13380         | 0.18%           | 0.016%        |
| 15        | 7.222       | 662           | 669         | 679          | rBV      | 1671134        | 2584062       | 35.27%          | 3.018%        |
| 16        | 7.434       | 696           | 705         | 714          | rBV      | 1310668        | 2096776       | 28.62%          | 2.449%        |
| 17        | 7.610       | 728           | 735         | 744          | rBV      | 1611374        | 2507465       | 34.22%          | 2.929%        |
| 18        | 8.099       | 811           | 818         | 826          | rBV      | 1413318        | 2226524       | 30.39%          | 2.601%        |
| 19        | 8.787       | 928           | 935         | 950          | rBV      | 2060581        | 3257088       | 44.46%          | 3.804%        |
| 20        | 9.287       | 1011          | 1020        | 1034         | rBV      | 1367231        | 2239158       | 30.56%          | 2.615%        |
| 21        | 9.410       | 1039          | 1041        | 1047         | rVB7     | 8596           | 12370         | 0.17%           | 0.014%        |
| 22        | 9.552       | 1061          | 1065        | 1071         | rVB5     | 5692           | 9404          | 0.13%           | 0.011%        |
| 23        | 10.004      | 1135          | 1142        | 1154         | rBV      | 874379         | 1409539       | 19.24%          | 1.646%        |
| 24        | 10.163      | 1165          | 1169        | 1178         | rVB      | 7005           | 13855         | 0.19%           | 0.016%        |
| 25        | 10.451      | 1212          | 1218        | 1222         | rBV2     | 21557          | 38995         | 0.53%           | 0.046%        |
| 26        | 10.528      | 1222          | 1231        | 1240         | rBV      | 1784652        | 2902953       | 39.62%          | 3.391%        |
| 27        | 10.681      | 1253          | 1257        | 1264         | rVB10    | 7497           | 13503         | 0.18%           | 0.016%        |
| 28        | 10.928      | 1290          | 1299        | 1307         | rBV      | 1770246        | 2966549       | 40.49%          | 3.465%        |
| 29        | 11.075      | 1316          | 1324        | 1335         | rBV      | 1872008        | 3098621       | 42.29%          | 3.619%        |
| 30        | 12.093      | 1493          | 1497        | 1501         | rBV5     | 5776           | 7786          | 0.11%           | 0.009%        |
| 31        | 12.393      | 1540          | 1548        | 1551         | rBV      | 13493          | 21875         | 0.30%           | 0.026%        |
| 32        | 12.498      | 1561          | 1566        | 1572         | rBV      | 33264          | 54080         | 0.74%           | 0.063%        |
| 33        | 12.728      | 1595          | 1605        | 1610         | rBV7     | 6581           | 14444         | 0.20%           | 0.017%        |
| 34        | 13.075      | 1659          | 1664        | 1671         | rVB7     | 10533          | 16665         | 0.23%           | 0.019%        |
| 35        | 13.328      | 1703          | 1707        | 1710         | rBV5     | 9331           | 11232         | 0.15%           | 0.013%        |
| 36        | 13.522      | 1735          | 1740        | 1742         | rBV5     | 7755           | 10133         | 0.14%           | 0.012%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
 Data File : BP016360.D  
 Acq On : 25 Jul 2023 23:21  
 Operator : MA/JU  
 Sample : 03534-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4720

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-BP072523.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 13.592 | 1746 | 1752 | 1761 | rVB3 | 26571   | 48062   | 0.66%   | 0.056% |
| 38 | 13.687 | 1761 | 1768 | 1769 | rBV7 | 12510   | 22901   | 0.31%   | 0.027% |
| 39 | 14.057 | 1822 | 1831 | 1835 | rBV7 | 6739    | 14180   | 0.19%   | 0.017% |
| 40 | 14.151 | 1840 | 1847 | 1855 | rVV  | 3225363 | 4435037 | 60.53%  | 5.180% |
| 41 | 14.222 | 1855 | 1859 | 1869 | rVB  | 8576    | 23134   | 0.32%   | 0.027% |
| 42 | 14.357 | 1878 | 1882 | 1886 | rVB6 | 8487    | 13832   | 0.19%   | 0.016% |
| 43 | 14.439 | 1886 | 1896 | 1907 | rBV  | 3713813 | 5569807 | 76.02%  | 6.506% |
| 44 | 14.587 | 1917 | 1921 | 1927 | rVB5 | 10073   | 15555   | 0.21%   | 0.018% |
| 45 | 14.739 | 1939 | 1947 | 1954 | rBV  | 2638255 | 3871506 | 52.84%  | 4.522% |
| 46 | 14.916 | 1970 | 1977 | 1993 | rBV  | 1126748 | 1640018 | 22.38%  | 1.916% |
| 47 | 15.110 | 2004 | 2010 | 2013 | rBV7 | 17240   | 26779   | 0.37%   | 0.031% |
| 48 | 15.163 | 2013 | 2019 | 2025 | rVB4 | 34845   | 49664   | 0.68%   | 0.058% |
| 49 | 15.492 | 2072 | 2075 | 2079 | rVB3 | 7996    | 11880   | 0.16%   | 0.014% |
| 50 | 15.545 | 2079 | 2084 | 2089 | rBV4 | 13019   | 22579   | 0.31%   | 0.026% |
| 51 | 15.728 | 2109 | 2115 | 2125 | rBV  | 4557660 | 6651401 | 90.78%  | 7.769% |
| 52 | 15.839 | 2127 | 2134 | 2148 | rVV  | 504038  | 709901  | 9.69%   | 0.829% |
| 53 | 15.969 | 2152 | 2156 | 2161 | rVB2 | 19541   | 31342   | 0.43%   | 0.037% |
| 54 | 16.104 | 2172 | 2179 | 2185 | rBV  | 754834  | 1022135 | 13.95%  | 1.194% |
| 55 | 16.416 | 2227 | 2232 | 2233 | rBV4 | 8457    | 10007   | 0.14%   | 0.012% |
| 56 | 16.669 | 2271 | 2275 | 2283 | rVB2 | 21249   | 31394   | 0.43%   | 0.037% |
| 57 | 16.733 | 2284 | 2286 | 2293 | rVB7 | 5285    | 11460   | 0.16%   | 0.013% |
| 58 | 16.851 | 2302 | 2306 | 2312 | rBV8 | 8387    | 13972   | 0.19%   | 0.016% |
| 59 | 17.169 | 2356 | 2360 | 2364 | rBV7 | 8649    | 13833   | 0.19%   | 0.016% |
| 60 | 17.210 | 2364 | 2367 | 2372 | rVV6 | 6778    | 10204   | 0.14%   | 0.012% |
| 61 | 17.281 | 2375 | 2379 | 2383 | rVB3 | 6804    | 9937    | 0.14%   | 0.012% |
| 62 | 17.498 | 2410 | 2416 | 2426 | rBV  | 3093633 | 4360942 | 59.52%  | 5.094% |
| 63 | 17.598 | 2427 | 2433 | 2442 | rVV  | 4663801 | 6816759 | 93.04%  | 7.962% |
| 64 | 17.675 | 2442 | 2446 | 2453 | rVB4 | 46786   | 79109   | 1.08%   | 0.092% |
| 65 | 18.133 | 2521 | 2524 | 2527 | rVB5 | 8081    | 8749    | 0.12%   | 0.010% |
| 66 | 18.228 | 2535 | 2540 | 2543 | rBV7 | 9737    | 17539   | 0.24%   | 0.020% |
| 67 | 18.345 | 2555 | 2560 | 2571 | rBV  | 334228  | 508088  | 6.93%   | 0.593% |
| 68 | 18.433 | 2572 | 2575 | 2579 | rVB  | 22640   | 34790   | 0.47%   | 0.041% |
| 69 | 19.233 | 2708 | 2711 | 2715 | rBV3 | 14255   | 17214   | 0.23%   | 0.020% |
| 70 | 19.398 | 2735 | 2739 | 2743 | rBV  | 58045   | 70972   | 0.97%   | 0.083% |
| 71 | 19.439 | 2743 | 2746 | 2748 | rVV2 | 50932   | 66671   | 0.91%   | 0.078% |
| 72 | 19.463 | 2748 | 2750 | 2760 | rVB  | 82993   | 124291  | 1.70%   | 0.145% |
| 73 | 19.580 | 2765 | 2770 | 2776 | rBV2 | 126891  | 188814  | 2.58%   | 0.221% |
| 74 | 19.827 | 2803 | 2812 | 2822 | rBV  | 5379026 | 7326671 | 100.00% | 8.558% |
| 75 | 20.316 | 2891 | 2895 | 2900 | rVB  | 133040  | 139064  | 1.90%   | 0.162% |
| 76 | 20.692 | 2955 | 2959 | 2963 | rBV7 | 32812   | 60331   | 0.82%   | 0.070% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
 Data File : BP016360.D  
 Acq On : 25 Jul 2023 23:21  
 Operator : MA/JU  
 Sample : 03534-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4720

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-BP072523.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 20.804 | 2974 | 2978 | 2982 | rBV  | 182800  | 194799  | 2.66%  | 0.228% |
| 78 | 21.263 | 3052 | 3056 | 3067 | rBV  | 496073  | 625842  | 8.54%  | 0.731% |
| 79 | 21.592 | 3106 | 3112 | 3123 | rBV  | 2618496 | 3682060 | 50.26% | 4.301% |
| 80 | 21.721 | 3130 | 3134 | 3139 | rBV2 | 181077  | 197231  | 2.69%  | 0.230% |
|    |        |      |      |      |      |         |         |        |        |
| 81 | 22.216 | 3214 | 3218 | 3225 | rBV  | 147037  | 210170  | 2.87%  | 0.245% |
| 82 | 22.763 | 3307 | 3311 | 3320 | rVB2 | 138998  | 218942  | 2.99%  | 0.256% |
| 83 | 23.374 | 3411 | 3415 | 3421 | rVB2 | 114154  | 176174  | 2.40%  | 0.206% |
| 84 | 24.021 | 3517 | 3525 | 3532 | rBV2 | 2602425 | 5369288 | 73.28% | 6.271% |
| 85 | 24.192 | 3547 | 3554 | 3565 | rVB  | 1522630 | 3238988 | 44.21% | 3.783% |

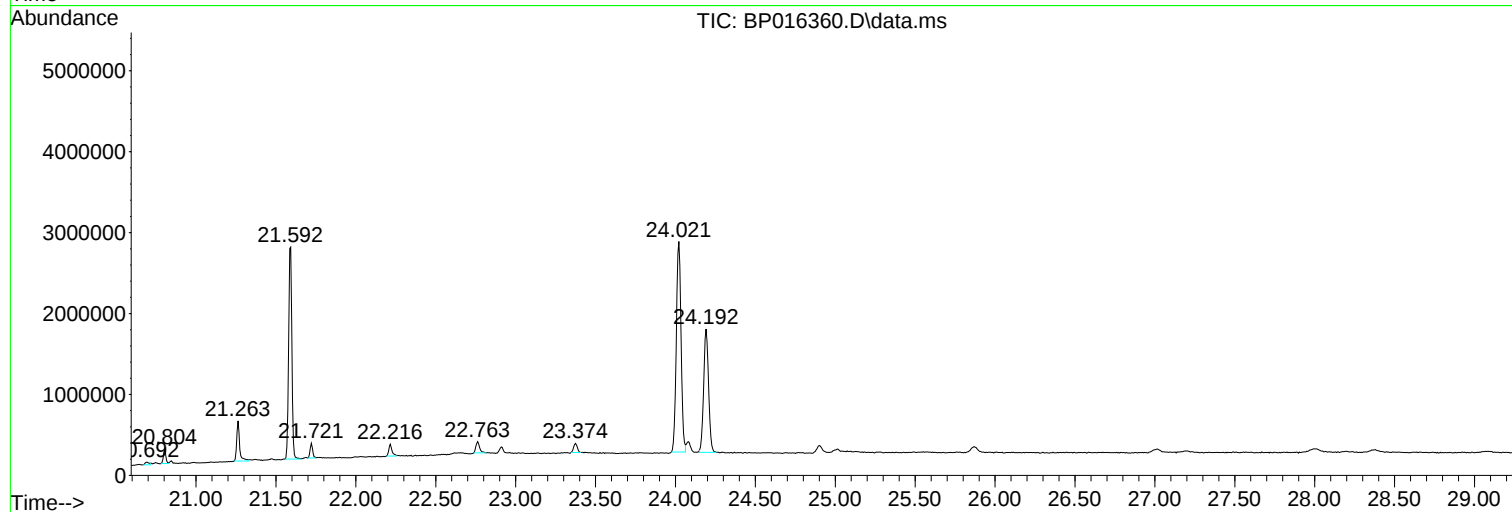
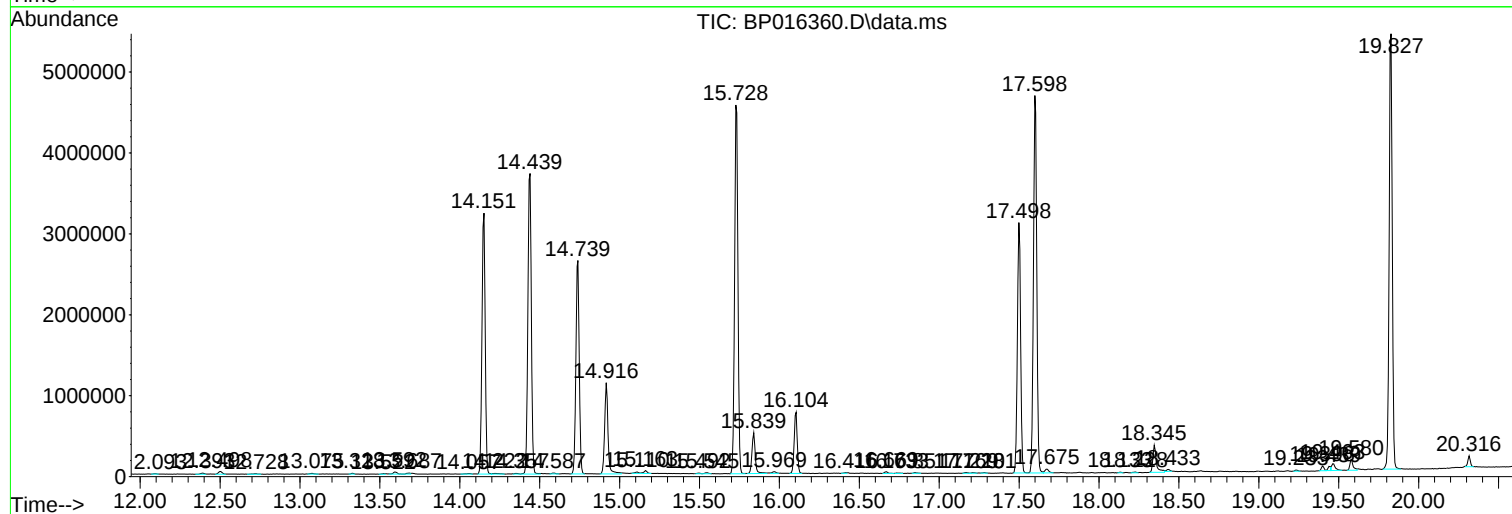
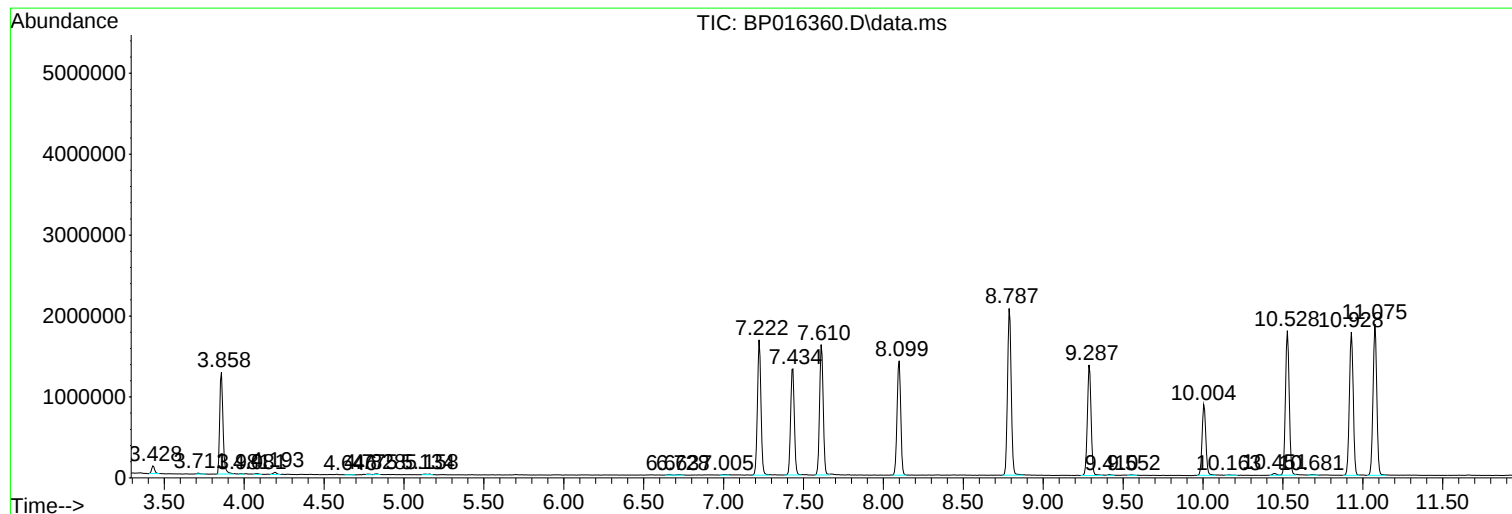
Sum of corrected areas: 85615388

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
Data File : BP016360.D  
Acq On : 25 Jul 2023 23:21  
Operator : MA/JU  
Sample : 03534-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4720

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.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\BP072523\  
Data File : BP016360.D  
Acq On : 25 Jul 2023 23:21  
Operator : MA/JU  
Sample : 03534-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4720

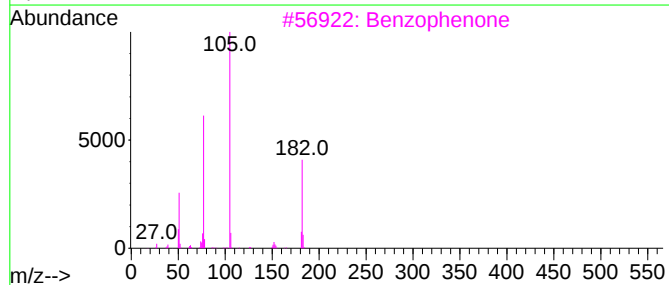
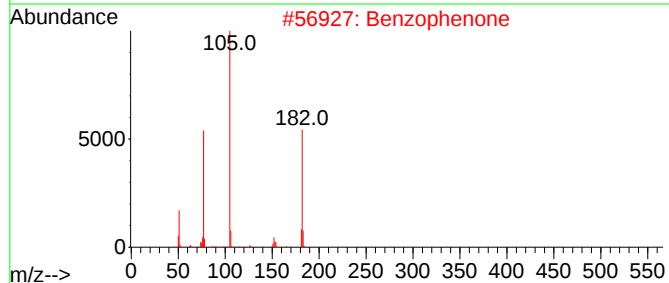
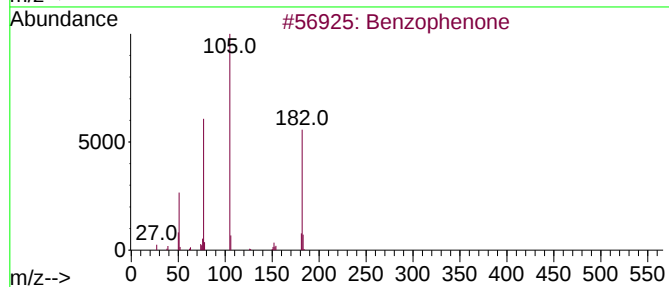
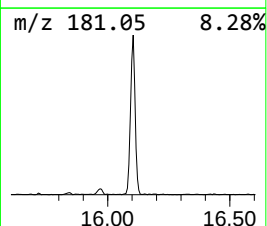
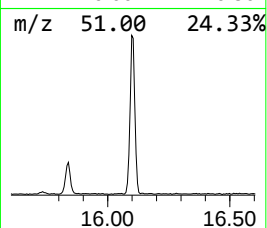
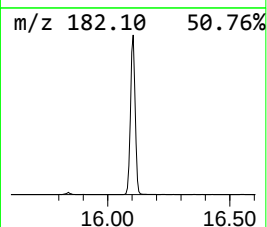
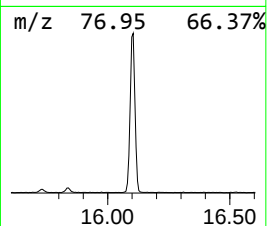
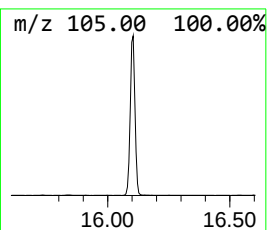
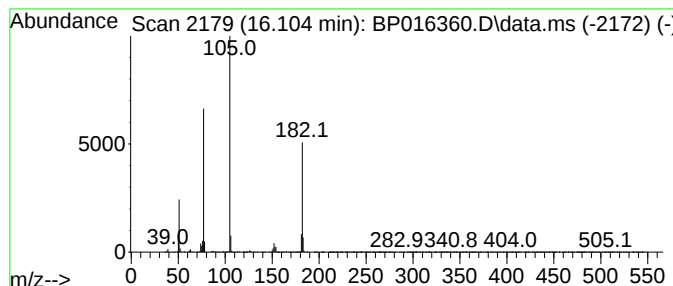
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 16.104 | 5.28 ng/ul | 1022140 | Acenaphthene-d10 | 14.740 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
Data File : BP016360.D  
Acq On : 25 Jul 2023 23:21  
Operator : MA/JU  
Sample : 03534-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4720

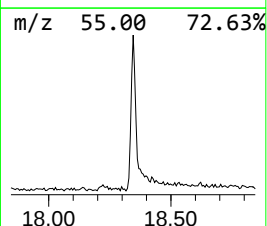
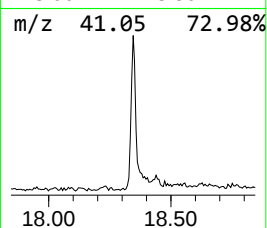
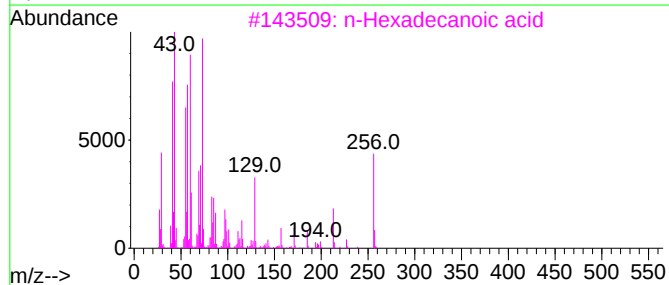
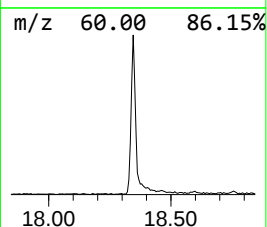
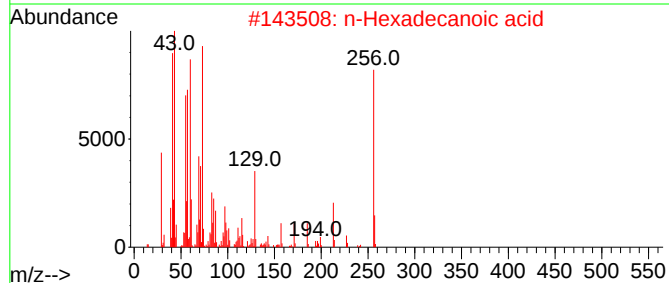
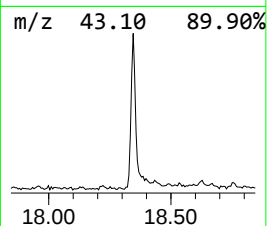
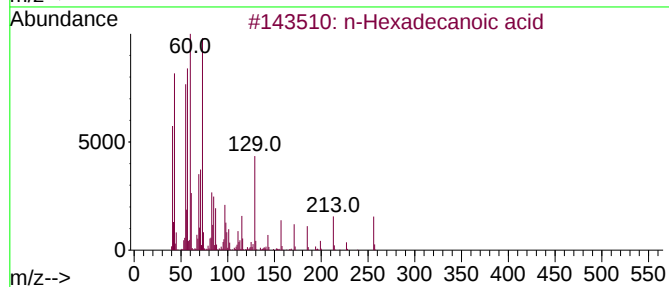
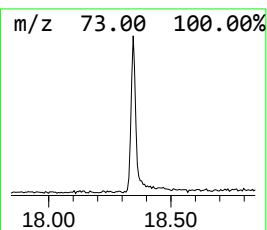
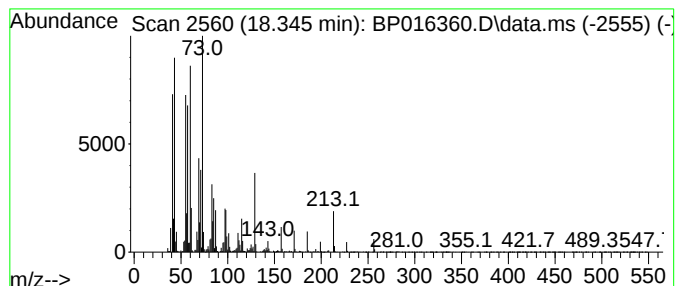
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.345 | 2.33 ng/ul | 508088 | Phenanthrene-d10 | 17.498 |

| 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
Data File : BP016360.D  
Acq On : 25 Jul 2023 23:21  
Operator : MA/JU  
Sample : 03534-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4720

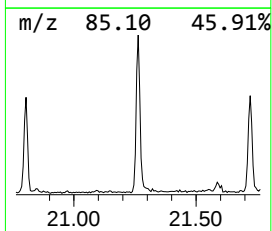
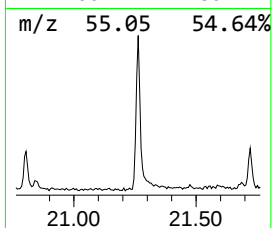
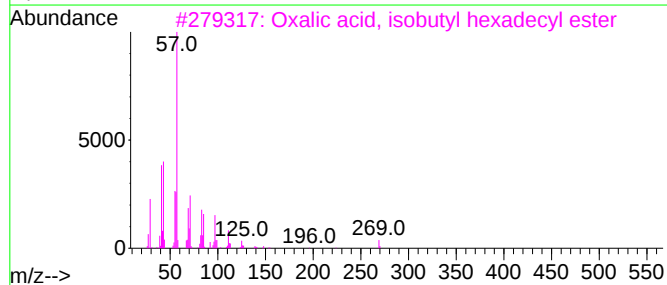
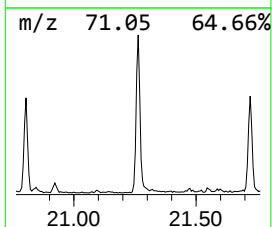
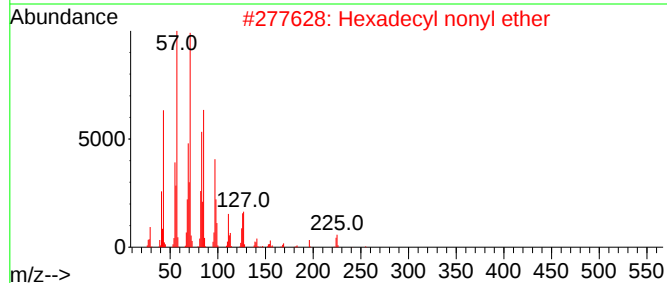
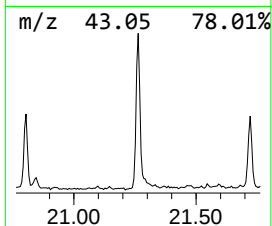
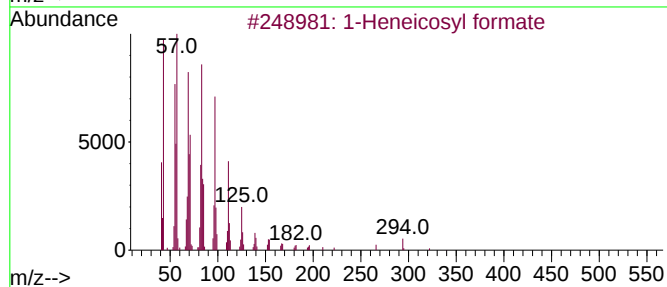
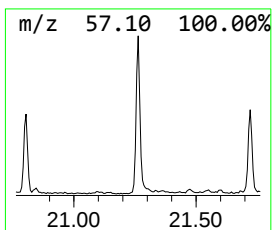
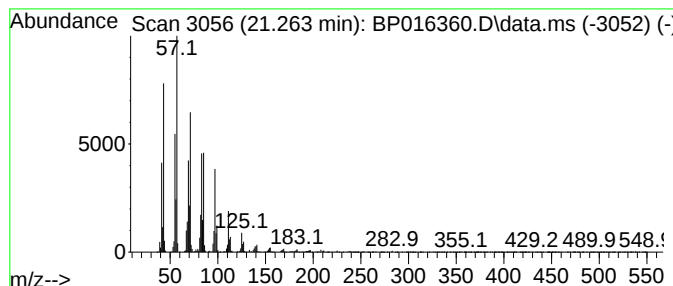
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1-Heneicosyl formate Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.263 | 3.40 ng/ul | 625842 | Chrysene-d12     | 21.592 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2   | 077899-03-7  | 92   |
| 2    |    |   | Hexadecyl nonyl ether               | 368 | C25H52O    | 1000406-37-7 | 90   |
| 3    |    |   | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4   | 1000309-38-1 | 87   |
| 4    |    |   | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S  | 1000309-12-7 | 87   |
| 5    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2 | 959085-66-6  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072523\  
Data File : BP016360.D  
Acq On : 25 Jul 2023 23:21  
Operator : MA/JU  
Sample : 03534-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A4720

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP072523.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       | 16.104 | 5.3     | ng/ul | 1022140  | 3                     | 14.740 | 3871510 | 20.0 |
| n-Hexadecanoic ... | 18.345 | 2.3     | ng/ul | 508088   | 4                     | 17.498 | 4360940 | 20.0 |
| 1-Heneicosyl fo... | 21.263 | 3.4     | ng/ul | 625842   | 5                     | 21.592 | 3682060 | 20.0 |