

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101824\  
 Data File : BP022455.D  
 Acq On : 18 Oct 2024 11:26  
 Operator : RC/JU  
 Sample : P4346-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EOAW4

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-BP100724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP022455.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         | 3.193       | 31            | 35          | 42           | rBV      | 21571          | 30182         | 1.36%           | 0.105%        |
| 2         | 3.605       | 101           | 105         | 120          | rBV      | 260452         | 393777        | 17.81%          | 1.370%        |
| 3         | 3.923       | 154           | 159         | 166          | rBV      | 9945           | 15062         | 0.68%           | 0.052%        |
| 4         | 5.075       | 351           | 355         | 362          | rVB7     | 1623           | 3250          | 0.15%           | 0.011%        |
| 5         | 5.711       | 459           | 463         | 469          | rVB9     | 1704           | 3151          | 0.14%           | 0.011%        |
| 6         | 6.681       | 622           | 628         | 631          | rBV8     | 1265           | 2506          | 0.11%           | 0.009%        |
| 7         | 6.816       | 645           | 651         | 652          | rBV      | 11520          | 15770         | 0.71%           | 0.055%        |
| 8         | 6.852       | 652           | 657         | 670          | rVB      | 353700         | 595049        | 26.91%          | 2.070%        |
| 9         | 7.005       | 675           | 683         | 691          | rBV      | 276286         | 420170        | 19.00%          | 1.462%        |
| 10        | 7.205       | 710           | 717         | 727          | rBV      | 369471         | 582648        | 26.35%          | 2.027%        |
| 11        | 7.287       | 727           | 731         | 740          | rVB      | 2508           | 4655          | 0.21%           | 0.016%        |
| 12        | 7.664       | 787           | 795         | 803          | rBV      | 439718         | 705623        | 31.91%          | 2.455%        |
| 13        | 7.734       | 803           | 807         | 818          | rVB2     | 7958           | 14229         | 0.64%           | 0.050%        |
| 14        | 8.199       | 880           | 886         | 892          | rVV7     | 2365           | 5632          | 0.25%           | 0.020%        |
| 15        | 8.363       | 902           | 914         | 930          | rBV      | 469471         | 777689        | 35.17%          | 2.706%        |
| 16        | 8.799       | 981           | 988         | 997          | rVV      | 337208         | 604530        | 27.34%          | 2.103%        |
| 17        | 8.869       | 997           | 1000        | 1007         | rVV8     | 4308           | 7726          | 0.35%           | 0.027%        |
| 18        | 8.969       | 1010          | 1017        | 1024         | rBV8     | 2957           | 9406          | 0.43%           | 0.033%        |
| 19        | 9.216       | 1052          | 1059        | 1065         | rVV      | 40278          | 60015         | 2.71%           | 0.209%        |
| 20        | 9.358       | 1075          | 1083        | 1093         | rBV      | 53538          | 83644         | 3.78%           | 0.291%        |
| 21        | 9.516       | 1101          | 1110        | 1120         | rBV      | 317265         | 551482        | 24.94%          | 1.919%        |
| 22        | 9.622       | 1126          | 1128        | 1132         | rVB4     | 2692           | 3114          | 0.14%           | 0.011%        |
| 23        | 10.052      | 1189          | 1201        | 1221         | rBV      | 505548         | 872088        | 39.43%          | 3.034%        |
| 24        | 10.210      | 1223          | 1228        | 1232         | rBV8     | 2196           | 4102          | 0.19%           | 0.014%        |
| 25        | 10.416      | 1254          | 1263        | 1270         | rBV      | 607979         | 985948        | 44.58%          | 3.430%        |
| 26        | 10.563      | 1280          | 1288        | 1297         | rBV      | 402322         | 726634        | 32.86%          | 2.528%        |
| 27        | 10.905      | 1339          | 1346        | 1349         | rBV6     | 4353           | 9359          | 0.42%           | 0.033%        |
| 28        | 10.963      | 1351          | 1356        | 1364         | rVB3     | 15856          | 31809         | 1.44%           | 0.111%        |
| 29        | 11.252      | 1402          | 1405        | 1409         | rVB5     | 2503           | 2742          | 0.12%           | 0.010%        |
| 30        | 11.440      | 1433          | 1437        | 1441         | rVV6     | 4646           | 7778          | 0.35%           | 0.027%        |
| 31        | 11.604      | 1462          | 1465        | 1468         | rBV5     | 1791           | 2552          | 0.12%           | 0.009%        |
| 32        | 11.699      | 1474          | 1481        | 1486         | rBV3     | 14329          | 25018         | 1.13%           | 0.087%        |
| 33        | 11.834      | 1499          | 1504        | 1513         | rVB6     | 7665           | 13888         | 0.63%           | 0.048%        |
| 34        | 11.922      | 1516          | 1519        | 1522         | rBV5     | 2369           | 3277          | 0.15%           | 0.011%        |
| 35        | 12.010      | 1529          | 1534        | 1538         | rBV2     | 8283           | 12488         | 0.56%           | 0.043%        |
| 36        | 12.246      | 1566          | 1574        | 1579         | rBV5     | 3412           | 8612          | 0.39%           | 0.030%        |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EOAW4

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-BP100724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 12.469 | 1608 | 1612 | 1618 | rVB9  | 2463    | 4461    | 0.20%  | 0.016% |
| 38 | 12.681 | 1643 | 1648 | 1649 | rBV5  | 1989    | 2502    | 0.11%  | 0.009% |
| 39 | 12.704 | 1650 | 1652 | 1654 | rVV3  | 2820    | 2964    | 0.13%  | 0.010% |
| 40 | 12.751 | 1657 | 1660 | 1662 | rVV4  | 3203    | 4207    | 0.19%  | 0.015% |
| 41 | 12.793 | 1665 | 1667 | 1674 | rVV4  | 9551    | 15460   | 0.70%  | 0.054% |
| 42 | 12.857 | 1674 | 1678 | 1689 | rVB4  | 2417    | 6612    | 0.30%  | 0.023% |
| 43 | 13.040 | 1703 | 1709 | 1710 | rBV6  | 1541    | 2524    | 0.11%  | 0.009% |
| 44 | 13.099 | 1713 | 1719 | 1726 | rVV3  | 11792   | 26246   | 1.19%  | 0.091% |
| 45 | 13.181 | 1730 | 1733 | 1739 | rVV8  | 4726    | 8524    | 0.39%  | 0.030% |
| 46 | 13.234 | 1740 | 1742 | 1750 | rVB8  | 4186    | 8120    | 0.37%  | 0.028% |
| 47 | 13.446 | 1771 | 1778 | 1783 | rBV8  | 2981    | 6861    | 0.31%  | 0.024% |
| 48 | 13.593 | 1799 | 1803 | 1807 | rVB7  | 2539    | 4062    | 0.18%  | 0.014% |
| 49 | 13.687 | 1813 | 1819 | 1826 | rBV   | 891000  | 1297796 | 58.68% | 4.515% |
| 50 | 13.769 | 1830 | 1833 | 1836 | rVV3  | 9085    | 12740   | 0.58%  | 0.044% |
| 51 | 13.798 | 1836 | 1838 | 1843 | rVB6  | 2842    | 3984    | 0.18%  | 0.014% |
| 52 | 13.963 | 1857 | 1866 | 1879 | rBV   | 914459  | 1471028 | 66.52% | 5.118% |
| 53 | 14.046 | 1879 | 1880 | 1886 | rVB6  | 3503    | 3732    | 0.17%  | 0.013% |
| 54 | 14.110 | 1888 | 1891 | 1897 | rVB7  | 4105    | 6665    | 0.30%  | 0.023% |
| 55 | 14.169 | 1897 | 1901 | 1910 | rBV8  | 5423    | 9886    | 0.45%  | 0.034% |
| 56 | 14.269 | 1910 | 1918 | 1926 | rBV   | 927129  | 1425817 | 64.47% | 4.960% |
| 57 | 14.340 | 1927 | 1930 | 1938 | rVB4  | 8424    | 13535   | 0.61%  | 0.047% |
| 58 | 14.404 | 1938 | 1941 | 1942 | rBV3  | 2500    | 2452    | 0.11%  | 0.009% |
| 59 | 14.504 | 1952 | 1958 | 1972 | rBV2  | 124944  | 272097  | 12.30% | 0.947% |
| 60 | 14.681 | 1985 | 1988 | 1992 | rBV4  | 6898    | 12052   | 0.54%  | 0.042% |
| 61 | 14.716 | 1992 | 1994 | 1999 | rVB6  | 6475    | 8997    | 0.41%  | 0.031% |
| 62 | 14.816 | 2007 | 2011 | 2018 | rVB10 | 8097    | 14827   | 0.67%  | 0.052% |
| 63 | 14.875 | 2018 | 2021 | 2022 | rBV2  | 2623    | 2568    | 0.12%  | 0.009% |
| 64 | 14.951 | 2030 | 2034 | 2038 | rVB6  | 4353    | 7010    | 0.32%  | 0.024% |
| 65 | 15.075 | 2051 | 2055 | 2059 | rBV7  | 5338    | 10933   | 0.49%  | 0.038% |
| 66 | 15.110 | 2059 | 2061 | 2064 | rBV4  | 3136    | 2980    | 0.13%  | 0.010% |
| 67 | 15.145 | 2064 | 2067 | 2068 | rBV3  | 3506    | 3211    | 0.15%  | 0.011% |
| 68 | 15.281 | 2084 | 2090 | 2097 | rBV   | 1314838 | 1832736 | 82.87% | 6.376% |
| 69 | 15.340 | 2097 | 2100 | 2103 | rVB   | 9402    | 12353   | 0.56%  | 0.043% |
| 70 | 15.434 | 2110 | 2116 | 2125 | rBV   | 188773  | 259808  | 11.75% | 0.904% |
| 71 | 15.651 | 2146 | 2153 | 2162 | rBV   | 477674  | 949820  | 42.95% | 3.304% |
| 72 | 15.781 | 2172 | 2175 | 2177 | rBV4  | 5341    | 6303    | 0.29%  | 0.022% |
| 73 | 16.051 | 2217 | 2221 | 2226 | rVB5  | 11023   | 18422   | 0.83%  | 0.064% |
| 74 | 16.145 | 2235 | 2237 | 2238 | rBV2  | 4084    | 2739    | 0.12%  | 0.010% |
| 75 | 16.228 | 2246 | 2251 | 2261 | rVB   | 99230   | 163251  | 7.38%  | 0.568% |
| 76 | 16.304 | 2261 | 2264 | 2267 | rVB5  | 5615    | 5670    | 0.26%  | 0.020% |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EOAW4

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-BP100724.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 16.475 | 2291 | 2293 | 2297 | rVB5 | 8284    | 9946    | 0.45%   | 0.035% |
| 78  | 16.728 | 2331 | 2336 | 2341 | rBV9 | 6682    | 13028   | 0.59%   | 0.045% |
| 79  | 16.892 | 2361 | 2364 | 2368 | rVB5 | 19541   | 23575   | 1.07%   | 0.082% |
| 80  | 17.081 | 2389 | 2396 | 2401 | rBV  | 1105214 | 1636225 | 73.99%  | 5.692% |
| 81  | 17.122 | 2401 | 2403 | 2407 | rVV  | 91292   | 115903  | 5.24%   | 0.403% |
| 82  | 17.181 | 2407 | 2413 | 2424 | rVV  | 1294354 | 1890501 | 85.48%  | 6.577% |
| 83  | 17.281 | 2427 | 2430 | 2435 | rVB5 | 16622   | 26481   | 1.20%   | 0.092% |
| 84  | 17.387 | 2446 | 2448 | 2458 | rVB4 | 15995   | 26291   | 1.19%   | 0.091% |
| 85  | 17.504 | 2462 | 2468 | 2474 | rBV4 | 32209   | 70358   | 3.18%   | 0.245% |
| 86  | 17.898 | 2529 | 2535 | 2539 | rBV9 | 9593    | 22506   | 1.02%   | 0.078% |
| 87  | 18.004 | 2547 | 2553 | 2567 | rBV2 | 173984  | 308470  | 13.95%  | 1.073% |
| 88  | 18.186 | 2579 | 2584 | 2589 | rBV4 | 20026   | 41716   | 1.89%   | 0.145% |
| 89  | 18.322 | 2603 | 2607 | 2610 | rBV2 | 20893   | 28229   | 1.28%   | 0.098% |
| 90  | 18.463 | 2627 | 2631 | 2635 | rBV4 | 51467   | 70023   | 3.17%   | 0.244% |
| 91  | 18.939 | 2710 | 2712 | 2715 | rBV3 | 11560   | 15092   | 0.68%   | 0.053% |
| 92  | 19.204 | 2752 | 2757 | 2764 | rVB  | 170940  | 276547  | 12.50%  | 0.962% |
| 93  | 19.339 | 2776 | 2780 | 2790 | rBV3 | 60328   | 116191  | 5.25%   | 0.404% |
| 94  | 19.551 | 2810 | 2816 | 2825 | rBV  | 1436510 | 2210389 | 99.95%  | 7.690% |
| 95  | 20.110 | 2908 | 2911 | 2915 | rVB  | 47456   | 60583   | 2.74%   | 0.211% |
| 96  | 20.210 | 2925 | 2928 | 2932 | rVB  | 54026   | 58650   | 2.65%   | 0.204% |
| 97  | 21.510 | 3142 | 3149 | 3154 | rBV  | 1026416 | 1818528 | 82.23%  | 6.327% |
| 98  | 21.557 | 3154 | 3157 | 3163 | rVB  | 173274  | 268397  | 12.14%  | 0.934% |
| 99  | 24.539 | 3656 | 3664 | 3673 | rBV  | 985869  | 2211535 | 100.00% | 7.694% |
| 100 | 24.768 | 3694 | 3703 | 3713 | rBV  | 695834  | 1903331 | 86.06%  | 6.622% |

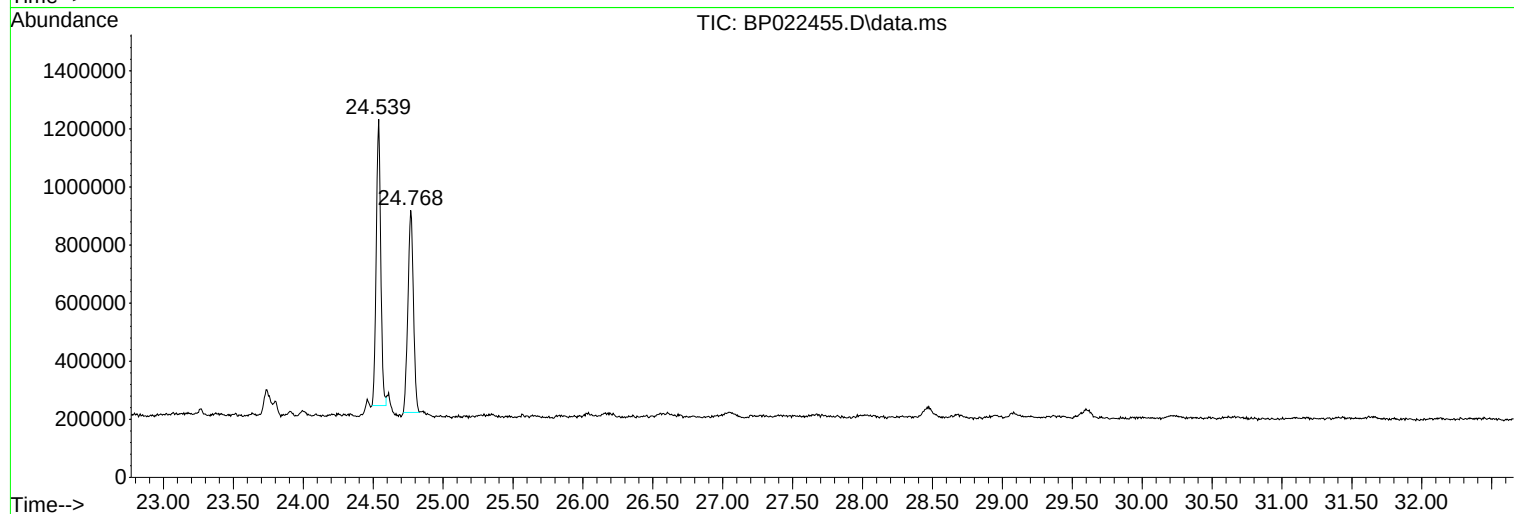
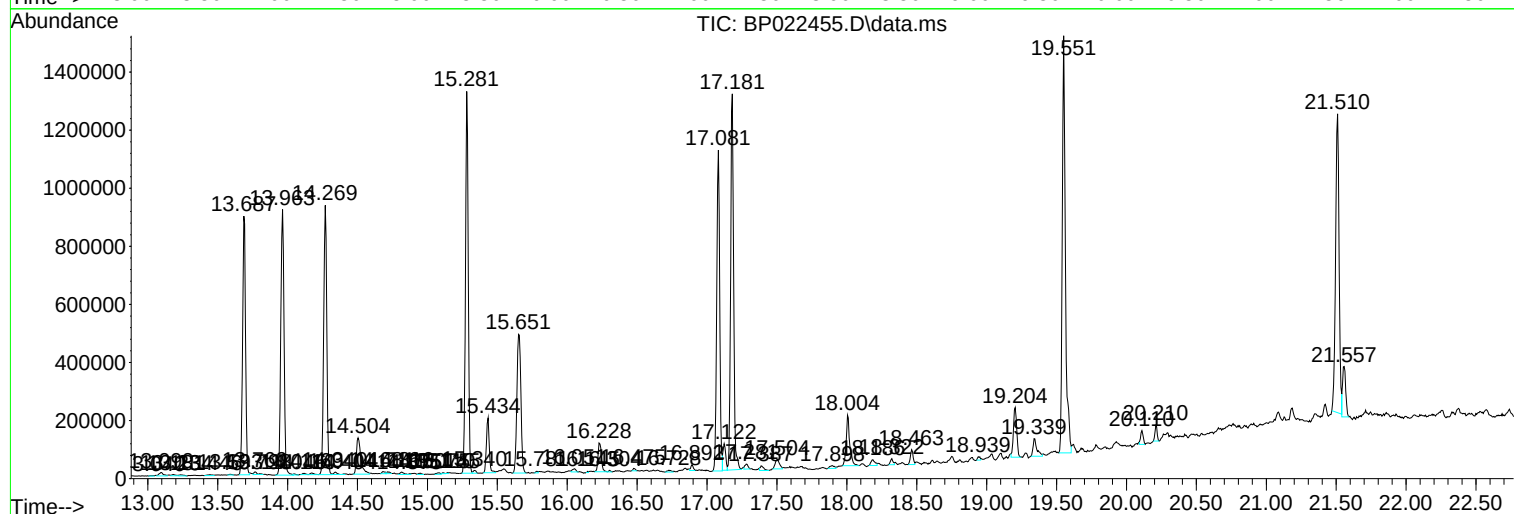
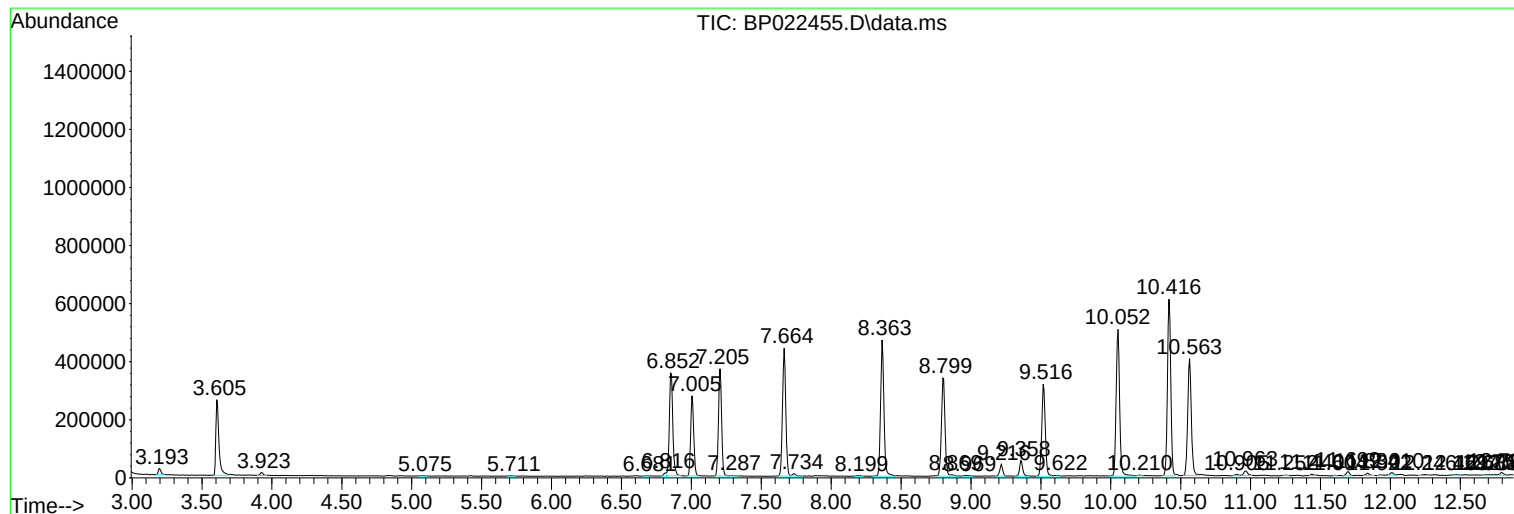
Sum of corrected areas: 28744055

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.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\BP101824\  
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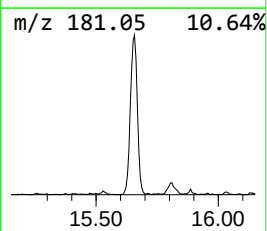
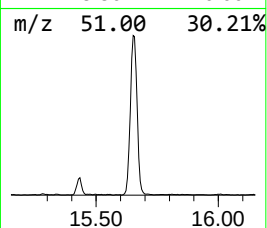
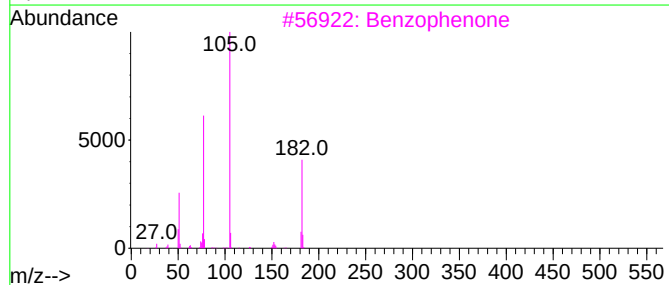
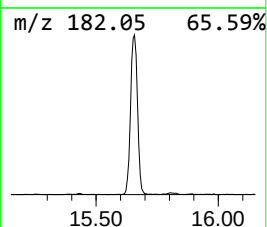
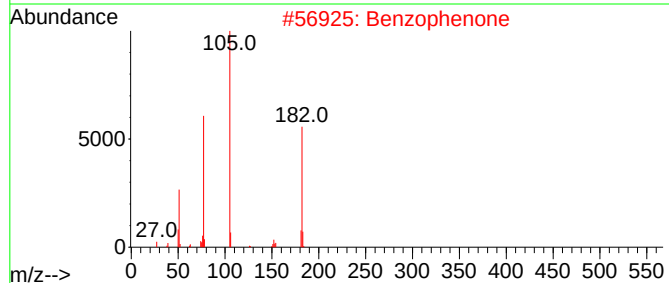
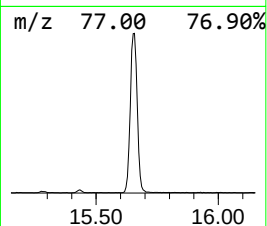
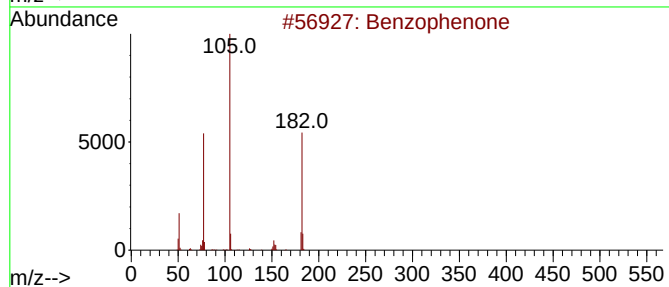
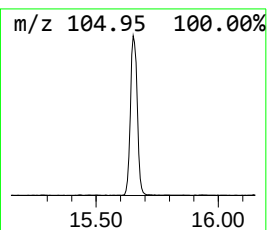
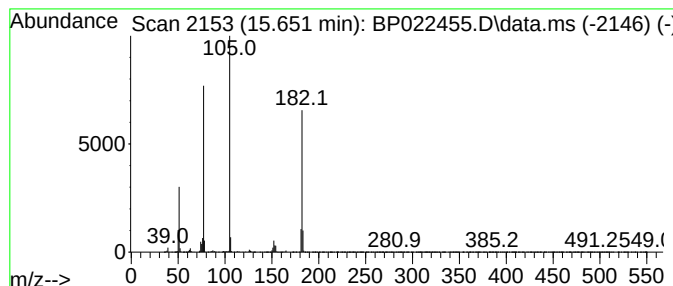
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|-------------|--------|------------------|--------|
| 15.651 | 13.32 ng/ul | 949820 | Acenaphthene-d10 | 14.269 |

| 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 | 94   |
| 4    |    |   | Benzophenone                       | 182 | C13H10O  | 000119-61-9 | 91   |
| 5    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl- | 304 | C20H16O3 | 023246-12-0 | 78   |



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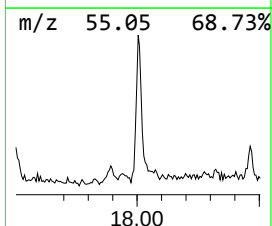
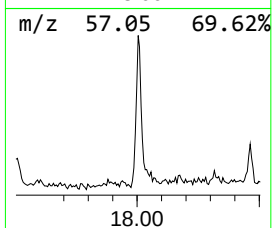
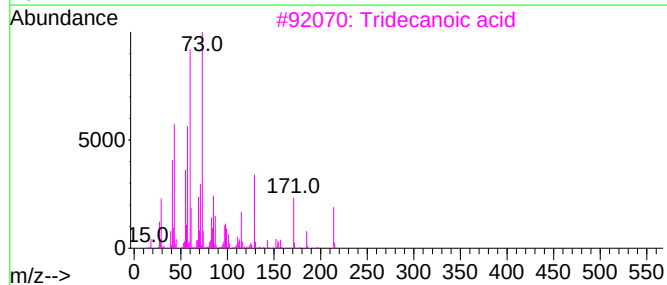
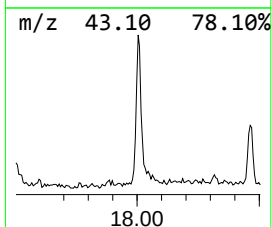
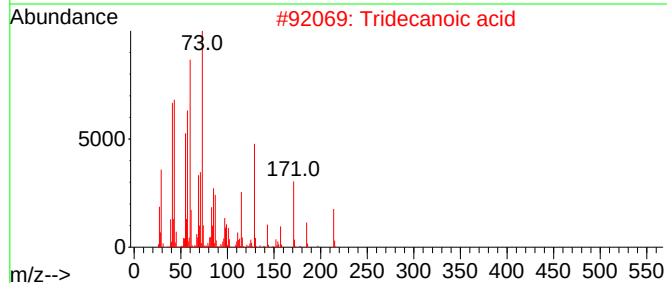
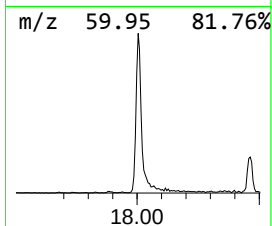
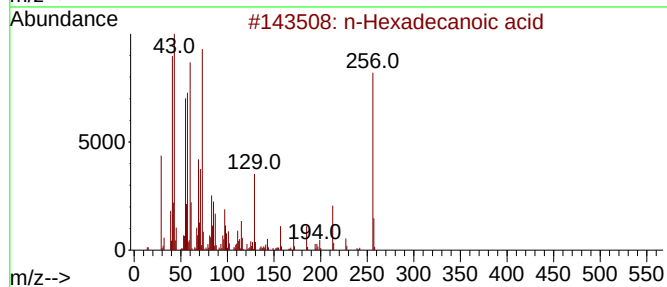
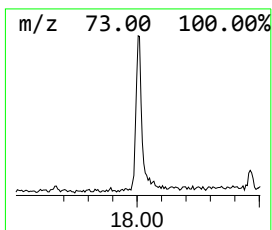
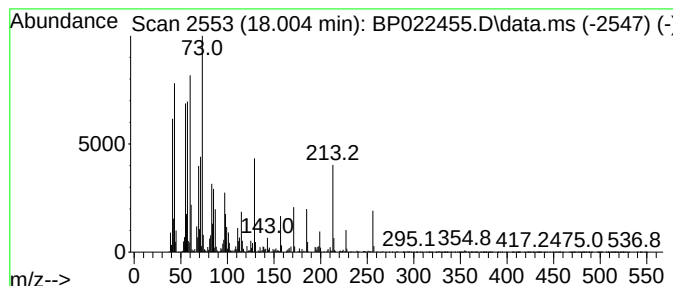
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.004 | 3.77 ng/ul | 308470 | Phenanthrene-d10 | 17.081 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 81   |
| 5    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101824\  
Data File : BP022455.D  
Acq On : 18 Oct 2024 11:26  
Operator : RC/JU  
Sample : P4346-02  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EOAW4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.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       | 15.651 | 13.3    | ng/ul | 949820   | 3                     | 14.269 | 1425820 | 20.0 |
| n-Hexadecanoic ... | 18.004 | 3.8     | ng/ul | 308470   | 4                     | 17.081 | 1636230 | 20.0 |