

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121224\  
 Data File : BP023403.D  
 Acq On : 12 Dec 2024 19:52  
 Operator : RC/JU  
 Sample : P5153-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E28P7

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-BP112624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP023403.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         | 3.099       | 15            | 19          | 28           | rVB      | 24530          | 35366         | 1.57%           | 0.133%        |
| 2         | 3.511       | 86            | 89          | 107          | rBV      | 216255         | 388312        | 17.24%          | 1.464%        |
| 3         | 3.822       | 138           | 142         | 145          | rVV3     | 6402           | 9031          | 0.40%           | 0.034%        |
| 4         | 4.040       | 178           | 179         | 184          | rVB5     | 2263           | 2426          | 0.11%           | 0.009%        |
| 5         | 4.181       | 200           | 203         | 206          | rBV5     | 2062           | 3043          | 0.14%           | 0.011%        |
| 6         | 4.734       | 291           | 297         | 306          | rBV      | 27353          | 46636         | 2.07%           | 0.176%        |
| 7         | 6.458       | 586           | 590         | 594          | rBV6     | 1751           | 2277          | 0.10%           | 0.009%        |
| 8         | 6.687       | 625           | 629         | 633          | rVB7     | 2346           | 3572          | 0.16%           | 0.013%        |
| 9         | 6.746       | 633           | 639         | 658          | rBV      | 256609         | 561626        | 24.93%          | 2.118%        |
| 10        | 6.887       | 658           | 663         | 676          | rVB      | 240957         | 385382        | 17.11%          | 1.453%        |
| 11        | 7.087       | 691           | 697         | 707          | rBV      | 301061         | 524032        | 23.26%          | 1.976%        |
| 12        | 7.158       | 707           | 709         | 712          | rVB4     | 4350           | 4024          | 0.18%           | 0.015%        |
| 13        | 7.534       | 763           | 773         | 786          | rBV      | 354916         | 604256        | 26.82%          | 2.279%        |
| 14        | 7.658       | 790           | 794         | 798          | rVB7     | 2693           | 5267          | 0.23%           | 0.020%        |
| 15        | 8.252       | 888           | 895         | 914          | rBV      | 321730         | 659605        | 29.28%          | 2.487%        |
| 16        | 8.681       | 962           | 968         | 986          | rBV      | 271619         | 533859        | 23.70%          | 2.013%        |
| 17        | 8.857       | 993           | 998         | 1003         | rVB7     | 3156           | 6980          | 0.31%           | 0.026%        |
| 18        | 9.063       | 1024          | 1033        | 1041         | rVB6     | 8151           | 17522         | 0.78%           | 0.066%        |
| 19        | 9.252       | 1060          | 1065        | 1078         | rBV2     | 27933          | 58385         | 2.59%           | 0.220%        |
| 20        | 9.393       | 1082          | 1089        | 1109         | rVV      | 226677         | 460087        | 20.42%          | 1.735%        |
| 21        | 9.528       | 1109          | 1112        | 1117         | rVB7     | 1272           | 2521          | 0.11%           | 0.010%        |
| 22        | 9.940       | 1174          | 1182        | 1210         | rBV      | 318243         | 713899        | 31.69%          | 2.692%        |
| 23        | 10.281      | 1231          | 1240        | 1254         | rBV      | 497835         | 801961        | 35.60%          | 3.024%        |
| 24        | 10.446      | 1260          | 1268        | 1287         | rBV      | 212598         | 569132        | 25.26%          | 2.146%        |
| 25        | 10.751      | 1315          | 1320        | 1324         | rVB7     | 2109           | 3804          | 0.17%           | 0.014%        |
| 26        | 10.816      | 1328          | 1331        | 1333         | rBV4     | 2626           | 3518          | 0.16%           | 0.013%        |
| 27        | 10.869      | 1335          | 1340        | 1342         | rBV6     | 4340           | 6914          | 0.31%           | 0.026%        |
| 28        | 11.169      | 1385          | 1391        | 1394         | rBV8     | 1828           | 2901          | 0.13%           | 0.011%        |
| 29        | 11.293      | 1406          | 1412        | 1416         | rBV8     | 3677           | 7354          | 0.33%           | 0.028%        |
| 30        | 11.446      | 1435          | 1438        | 1448         | rVB8     | 1656           | 3961          | 0.18%           | 0.015%        |
| 31        | 11.698      | 1474          | 1481        | 1488         | rVV2     | 13316          | 21665         | 0.96%           | 0.082%        |
| 32        | 11.834      | 1498          | 1504        | 1509         | rBV8     | 4190           | 7408          | 0.33%           | 0.028%        |
| 33        | 11.893      | 1509          | 1514        | 1522         | rBV7     | 4015           | 10348         | 0.46%           | 0.039%        |
| 34        | 12.381      | 1595          | 1597        | 1603         | rVB7     | 2342           | 3117          | 0.14%           | 0.012%        |
| 35        | 12.457      | 1606          | 1610        | 1611         | rVV4     | 1480           | 2315          | 0.10%           | 0.009%        |
| 36        | 12.475      | 1611          | 1613        | 1618         | rVV5     | 4056           | 5820          | 0.26%           | 0.022%        |

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 Sample : P5153-09  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E28P7

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-BP112624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 12.516 | 1618 | 1620 | 1624 | rVB5  | 2255    | 2546    | 0.11%  | 0.010% |
| 38 | 12.604 | 1631 | 1635 | 1637 | rBV4  | 1867    | 2441    | 0.11%  | 0.009% |
| 39 | 12.669 | 1640 | 1646 | 1650 | rVB8  | 5844    | 9452    | 0.42%  | 0.036% |
| 40 | 12.740 | 1652 | 1658 | 1663 | rBV3  | 7148    | 10182   | 0.45%  | 0.038% |
| 41 | 12.957 | 1687 | 1695 | 1700 | rBV2  | 15127   | 30160   | 1.34%  | 0.114% |
| 42 | 13.051 | 1706 | 1711 | 1715 | rVB7  | 3621    | 5865    | 0.26%  | 0.022% |
| 43 | 13.116 | 1719 | 1722 | 1723 | rBV3  | 2894    | 3043    | 0.14%  | 0.011% |
| 44 | 13.198 | 1731 | 1736 | 1739 | rVB7  | 2222    | 3792    | 0.17%  | 0.014% |
| 45 | 13.557 | 1790 | 1797 | 1805 | rBV   | 698725  | 1048864 | 46.56% | 3.955% |
| 46 | 13.616 | 1805 | 1807 | 1813 | rVV7  | 10291   | 19063   | 0.85%  | 0.072% |
| 47 | 13.663 | 1813 | 1815 | 1821 | rVB7  | 2952    | 3813    | 0.17%  | 0.014% |
| 48 | 13.840 | 1838 | 1845 | 1858 | rBV   | 768585  | 1141996 | 50.69% | 4.307% |
| 49 | 14.051 | 1875 | 1881 | 1886 | rBV2  | 17177   | 23493   | 1.04%  | 0.089% |
| 50 | 14.151 | 1890 | 1898 | 1909 | rBV   | 813172  | 1148917 | 51.00% | 4.333% |
| 51 | 14.269 | 1914 | 1918 | 1924 | rVB4  | 5630    | 10826   | 0.48%  | 0.041% |
| 52 | 14.375 | 1926 | 1936 | 1944 | rBV2  | 217412  | 564977  | 25.08% | 2.131% |
| 53 | 14.457 | 1944 | 1950 | 1958 | rBV3  | 102413  | 284498  | 12.63% | 1.073% |
| 54 | 14.669 | 1985 | 1986 | 1991 | rVB5  | 4257    | 4332    | 0.19%  | 0.016% |
| 55 | 14.798 | 2006 | 2008 | 2013 | rVB6  | 3695    | 4179    | 0.19%  | 0.016% |
| 56 | 14.857 | 2014 | 2018 | 2020 | rBV5  | 2102    | 2943    | 0.13%  | 0.011% |
| 57 | 14.951 | 2031 | 2034 | 2039 | rVV3  | 3724    | 5643    | 0.25%  | 0.021% |
| 58 | 15.016 | 2041 | 2045 | 2050 | rVB3  | 11962   | 20204   | 0.90%  | 0.076% |
| 59 | 15.169 | 2063 | 2071 | 2082 | rBV   | 966357  | 1516758 | 67.33% | 5.720% |
| 60 | 15.328 | 2092 | 2098 | 2111 | rBV   | 154289  | 302837  | 13.44% | 1.142% |
| 61 | 15.545 | 2129 | 2135 | 2147 | rBV   | 490202  | 710454  | 31.54% | 2.679% |
| 62 | 15.645 | 2150 | 2152 | 2155 | rVB4  | 3880    | 3789    | 0.17%  | 0.014% |
| 63 | 15.739 | 2163 | 2168 | 2169 | rBV5  | 1425    | 2332    | 0.10%  | 0.009% |
| 64 | 15.904 | 2191 | 2196 | 2198 | rBV3  | 17146   | 28995   | 1.29%  | 0.109% |
| 65 | 15.969 | 2204 | 2207 | 2211 | rVB6  | 3720    | 5327    | 0.24%  | 0.020% |
| 66 | 16.110 | 2226 | 2231 | 2239 | rVB2  | 30816   | 49787   | 2.21%  | 0.188% |
| 67 | 16.369 | 2273 | 2275 | 2278 | rVB4  | 3002    | 3225    | 0.14%  | 0.012% |
| 68 | 16.710 | 2329 | 2333 | 2337 | rBV3  | 13206   | 19461   | 0.86%  | 0.073% |
| 69 | 16.763 | 2337 | 2342 | 2347 | rVB5  | 10382   | 21429   | 0.95%  | 0.081% |
| 70 | 16.892 | 2360 | 2364 | 2369 | rVB8  | 3245    | 4892    | 0.22%  | 0.018% |
| 71 | 16.963 | 2369 | 2376 | 2386 | rBV2  | 1022779 | 1508052 | 66.94% | 5.687% |
| 72 | 17.057 | 2386 | 2392 | 2405 | rVV   | 1189039 | 1666856 | 73.99% | 6.286% |
| 73 | 17.186 | 2411 | 2414 | 2422 | rBV10 | 10926   | 21310   | 0.95%  | 0.080% |
| 74 | 17.475 | 2458 | 2463 | 2472 | rVB4  | 13928   | 24031   | 1.07%  | 0.091% |
| 75 | 17.657 | 2491 | 2494 | 2498 | rVB6  | 7276    | 9735    | 0.43%  | 0.037% |
| 76 | 17.892 | 2528 | 2534 | 2544 | rBV   | 411022  | 619090  | 27.48% | 2.335% |

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 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E28P7

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-BP112624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 18.186 | 2579 | 2584 | 2592 | rVB6 | 20941   | 36587   | 1.62%   | 0.138% |
| 78 | 18.333 | 2605 | 2609 | 2616 | rBV8 | 13843   | 24895   | 1.11%   | 0.094% |
| 79 | 18.763 | 2677 | 2682 | 2687 | rVB4 | 16428   | 31494   | 1.40%   | 0.119% |
| 80 | 18.851 | 2693 | 2697 | 2705 | rVB6 | 18581   | 32687   | 1.45%   | 0.123% |
|    |        |      |      |      |      |         |         |         |        |
| 81 | 18.980 | 2715 | 2719 | 2723 | rVB4 | 16102   | 24496   | 1.09%   | 0.092% |
| 82 | 19.075 | 2731 | 2735 | 2738 | rBV2 | 21593   | 37454   | 1.66%   | 0.141% |
| 83 | 19.110 | 2738 | 2741 | 2751 | rVB9 | 28802   | 53798   | 2.39%   | 0.203% |
| 84 | 19.233 | 2757 | 2762 | 2773 | rBV2 | 128401  | 213627  | 9.48%   | 0.806% |
| 85 | 19.439 | 2791 | 2797 | 2813 | rVB  | 1205305 | 2136627 | 94.84%  | 8.057% |
|    |        |      |      |      |      |         |         |         |        |
| 86 | 21.063 | 3068 | 3073 | 3074 | rBV2 | 125109  | 184043  | 8.17%   | 0.694% |
| 87 | 21.386 | 3122 | 3128 | 3141 | rBV2 | 1062194 | 2001545 | 88.85%  | 7.548% |
| 88 | 24.333 | 3622 | 3629 | 3643 | rVB  | 884530  | 2252784 | 100.00% | 8.495% |
| 89 | 24.557 | 3658 | 3667 | 3685 | rVB2 | 739126  | 2139959 | 94.99%  | 8.070% |

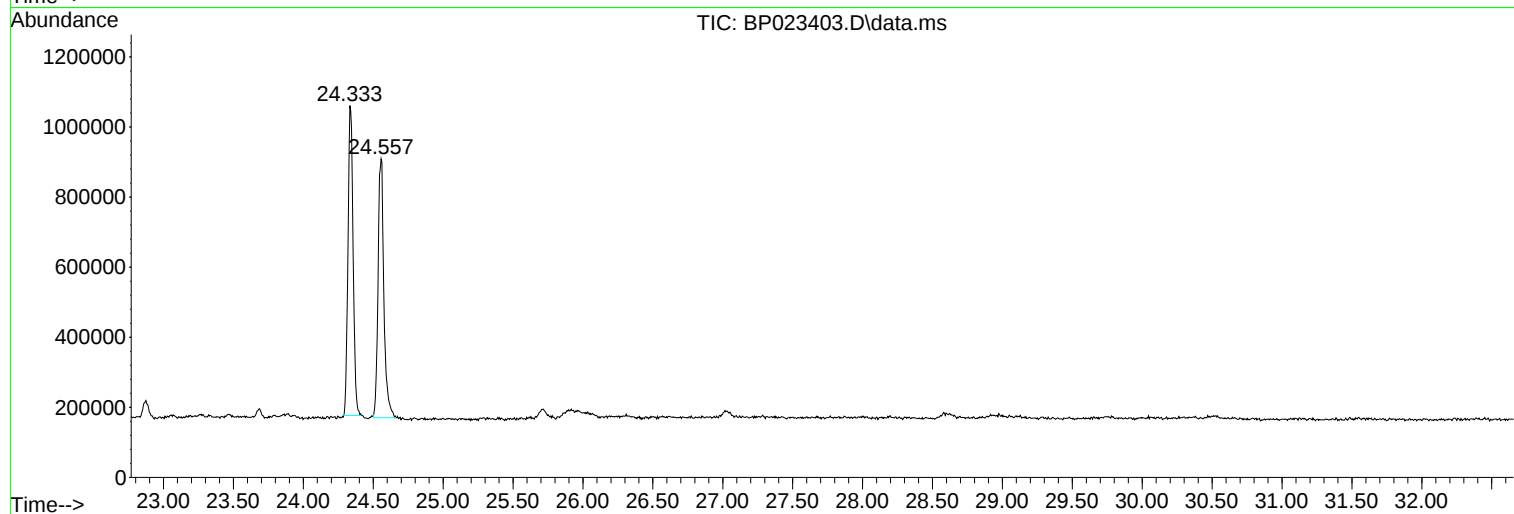
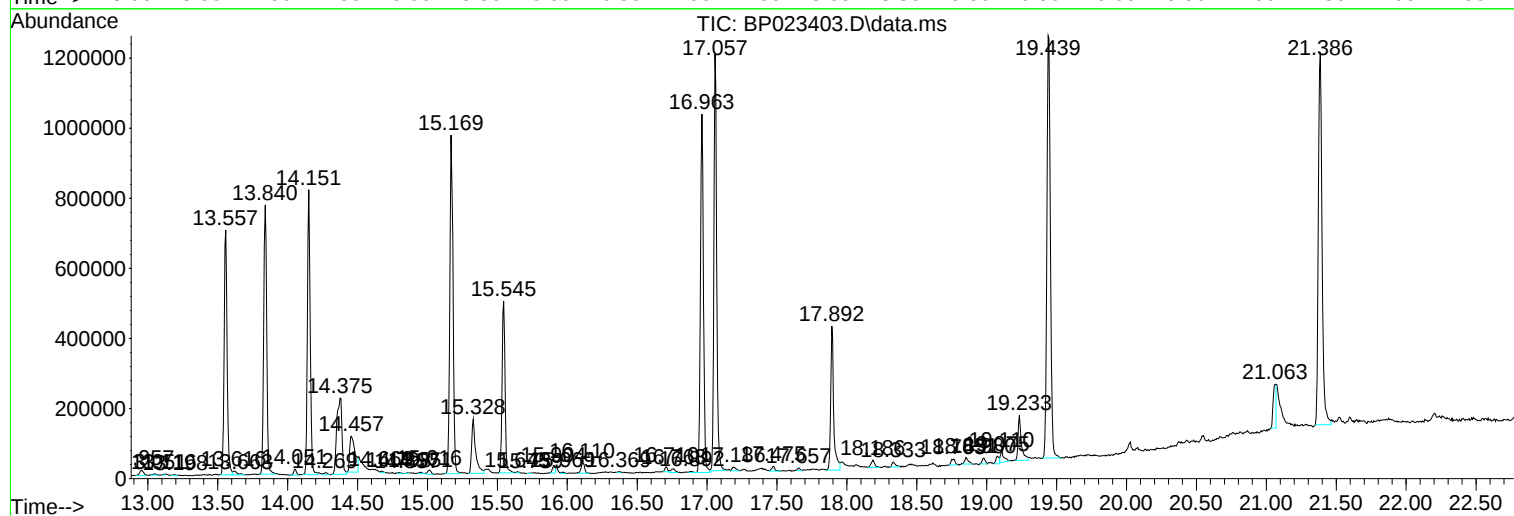
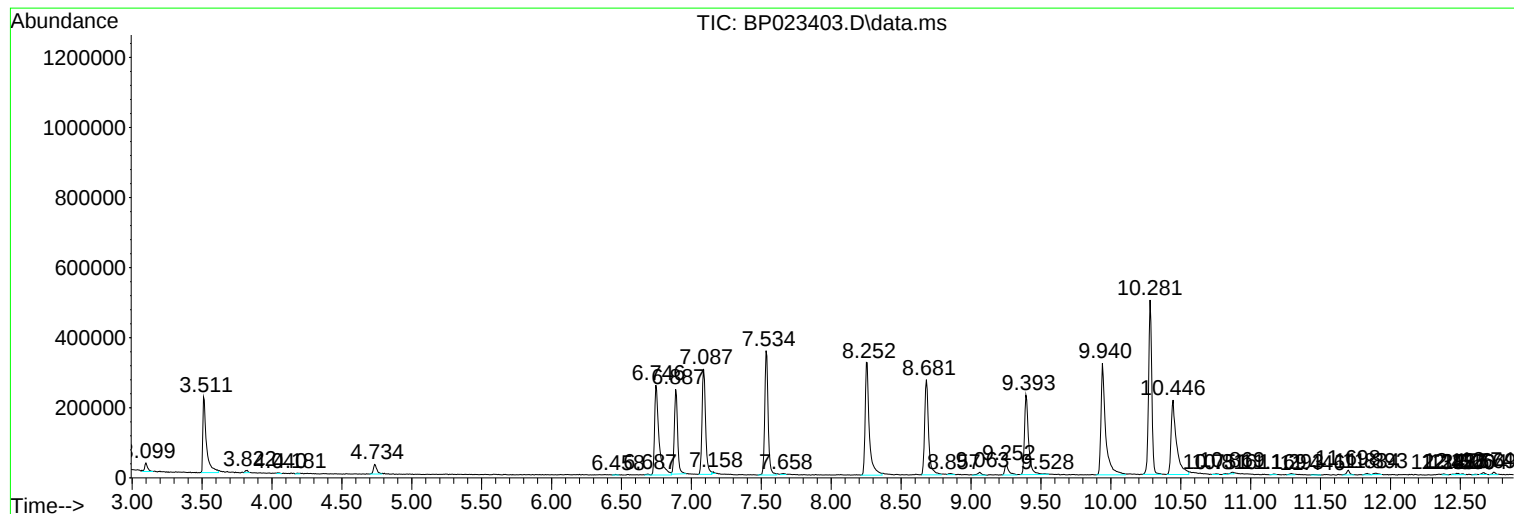
Sum of corrected areas: 26517911

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121224\  
Data File : BP023403.D  
Acq On : 12 Dec 2024 19:52  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28P7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.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\BP121224\  
Data File : BP023403.D  
Acq On : 12 Dec 2024 19:52  
Operator : RC/JU  
Sample : P5153-09  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28P7

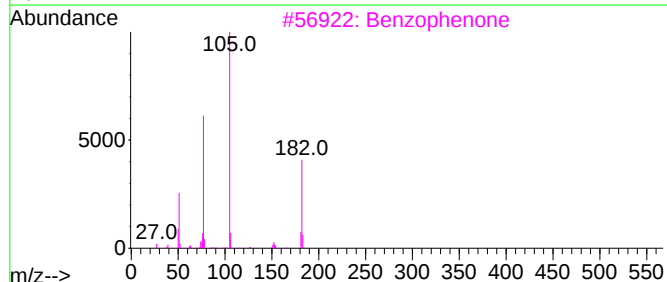
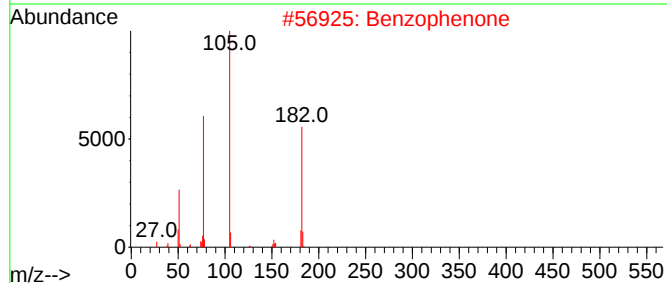
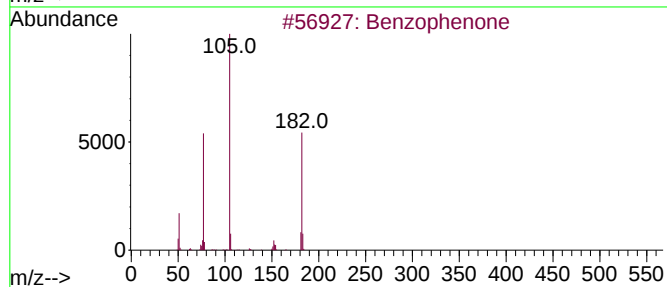
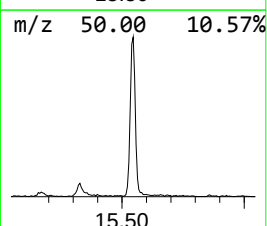
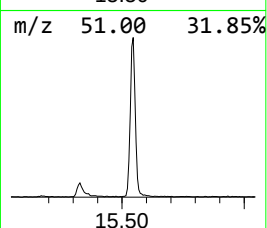
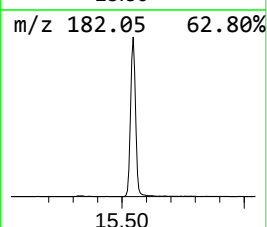
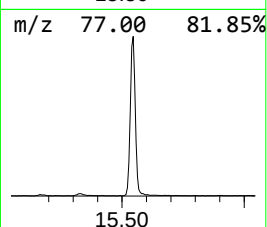
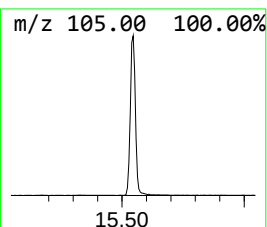
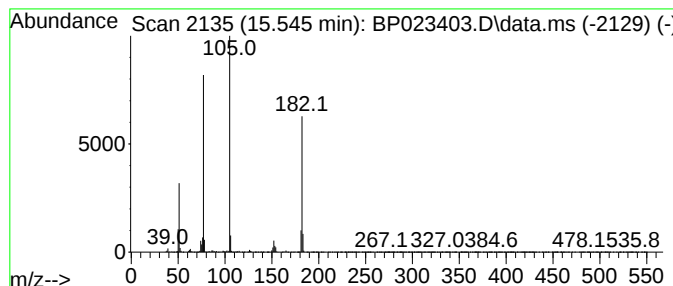
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 15.545 | 12.37 ng/ul | 710454 | Acenaphthene-d10 | 14.151 |

| 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 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



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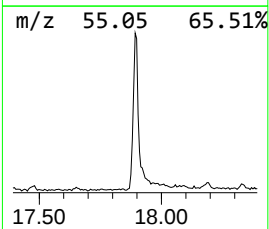
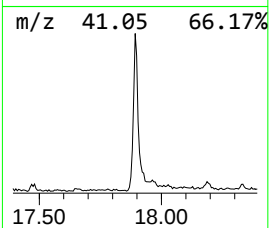
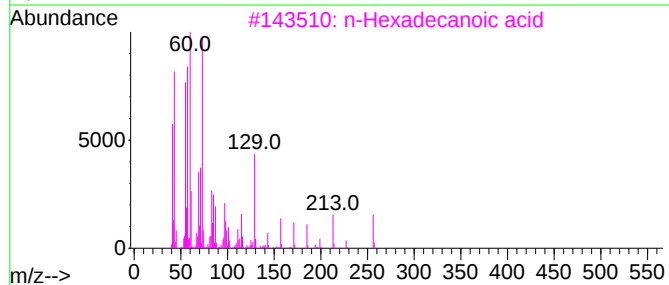
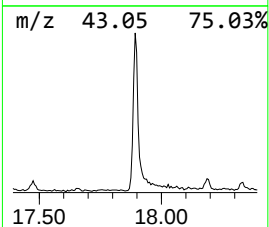
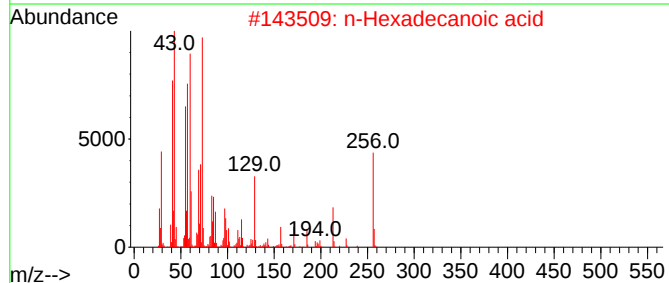
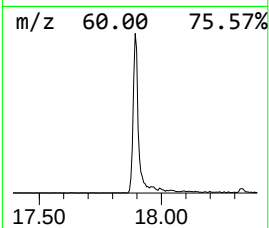
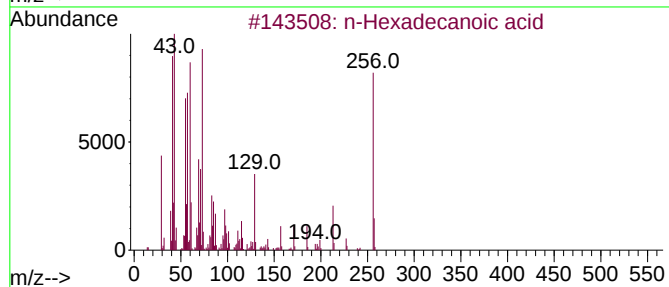
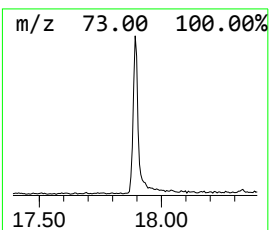
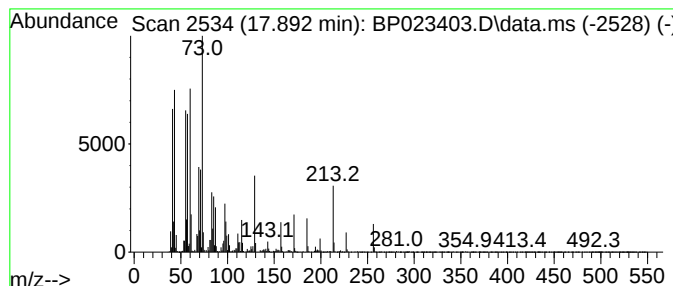
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.892 | 8.21 ng/ul | 619090 | Phenanthrene-d10 | 16.963 |

| 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 | 92   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |



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E28P7

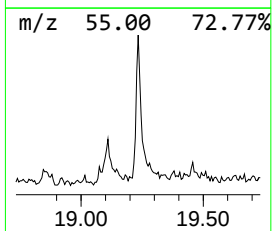
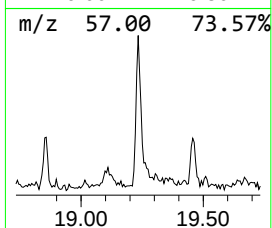
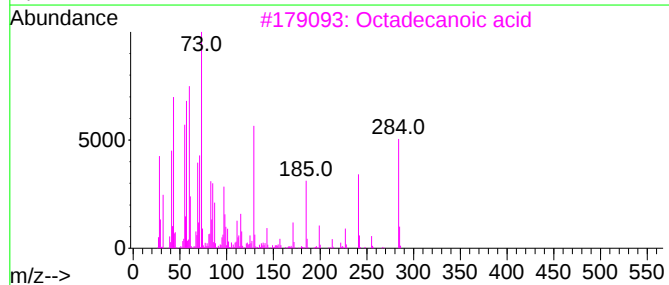
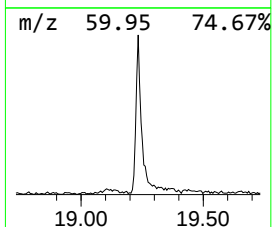
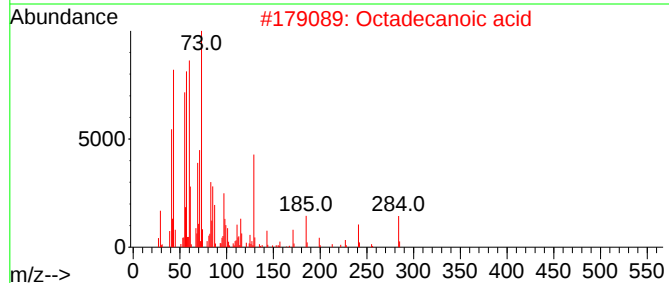
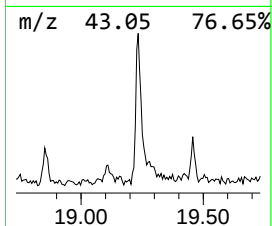
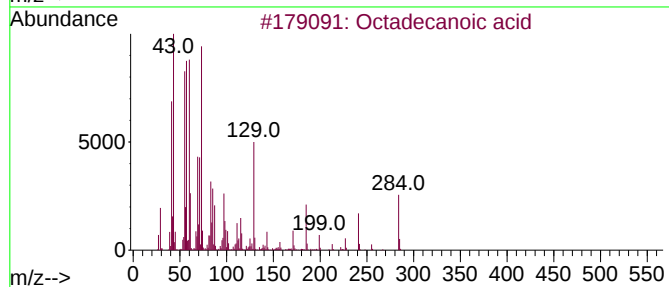
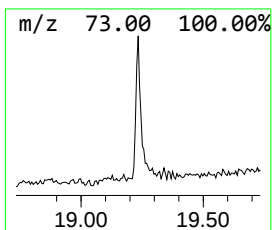
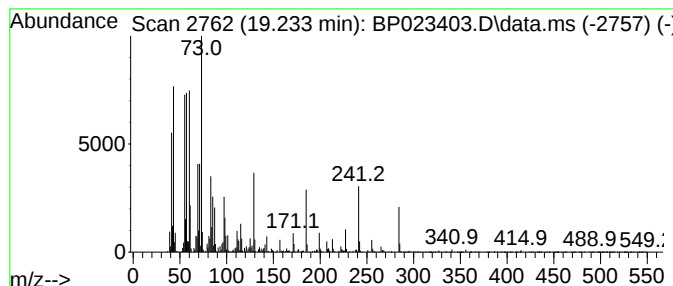
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.233 | 2.13 ng/ul | 213627 | Chrysene-d12     | 21.386 |

| 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 | 94   |
| 5    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121224\  
Data File : BP023403.D  
Acq On : 12 Dec 2024 19:52  
Operator : RC/JU  
Sample : P5153-09  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E28P7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP112624.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       | 15.545 | 12.4    | ng/ul | 710454   | 3                     | 14.151 | 1148920 | 20.0 |
| n-Hexadecanoic ... | 17.892 | 8.2     | ng/ul | 619090   | 4                     | 16.963 | 1508050 | 20.0 |
| Octadecanoic acid  | 19.233 | 2.1     | ng/ul | 213627   | 5                     | 21.386 | 2001550 | 20.0 |