

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101724\  
 Data File : BN034658.D  
 Acq On : 18 Oct 2024 20:33  
 Operator : RC/JU  
 Sample : P4380-22  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E27G7

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\_N\Methods\SFAM-EPA-BN101624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN034658.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         | 2.969       | 8             | 14          | 36           | rVB      | 12446440       | 18772134      | 72.89%          | 13.759%       |
| 2         | 3.217       | 52            | 56          | 60           | rVB      | 80556          | 102440        | 0.40%           | 0.075%        |
| 3         | 3.487       | 94            | 102         | 106          | rBV      | 73616          | 135661        | 0.53%           | 0.099%        |
| 4         | 3.611       | 118           | 123         | 131          | rBV      | 429033         | 611678        | 2.38%           | 0.448%        |
| 5         | 3.928       | 173           | 177         | 189          | rVB      | 161158         | 236925        | 0.92%           | 0.174%        |
| 6         | 4.440       | 258           | 264         | 276          | rVB      | 404499         | 622667        | 2.42%           | 0.456%        |
| 7         | 4.605       | 276           | 292         | 303          | rBV      | 239979         | 573353        | 2.23%           | 0.420%        |
| 8         | 4.740       | 305           | 315         | 321          | rBV      | 157347         | 310348        | 1.21%           | 0.227%        |
| 9         | 4.999       | 349           | 359         | 366          | rVB2     | 50749          | 99402         | 0.39%           | 0.073%        |
| 10        | 5.346       | 413           | 418         | 425          | rBV      | 48978          | 86176         | 0.33%           | 0.063%        |
| 11        | 5.705       | 468           | 479         | 488          | rBV3     | 53614          | 134807        | 0.52%           | 0.099%        |
| 12        | 6.375       | 588           | 593         | 598          | rVB2     | 67365          | 100490        | 0.39%           | 0.074%        |
| 13        | 6.675       | 633           | 644         | 648          | rBV3     | 56413          | 107798        | 0.42%           | 0.079%        |
| 14        | 6.834       | 665           | 671         | 675          | rBV      | 531172         | 1019016       | 3.96%           | 0.747%        |
| 15        | 6.905       | 680           | 683         | 688          | rVB      | 58460          | 78142         | 0.30%           | 0.057%        |
| 16        | 7.005       | 693           | 700         | 707          | rBV      | 1357264        | 2046426       | 7.95%           | 1.500%        |
| 17        | 7.199       | 726           | 733         | 744          | rVB      | 1616211        | 2450763       | 9.52%           | 1.796%        |
| 18        | 7.322       | 748           | 754         | 760          | rVB2     | 109436         | 188582        | 0.73%           | 0.138%        |
| 19        | 7.387       | 760           | 765         | 773          | rBV      | 36483          | 76707         | 0.30%           | 0.056%        |
| 20        | 7.663       | 805           | 812         | 818          | rBV      | 1333145        | 2030905       | 7.89%           | 1.489%        |
| 21        | 7.740       | 821           | 825         | 829          | rVV      | 66670          | 91127         | 0.35%           | 0.067%        |
| 22        | 8.034       | 869           | 875         | 882          | rVB      | 232502         | 345587        | 1.34%           | 0.253%        |
| 23        | 8.104       | 882           | 887         | 891          | rVB      | 54124          | 79299         | 0.31%           | 0.058%        |
| 24        | 8.163       | 891           | 897         | 898          | rBV      | 127254         | 181359        | 0.70%           | 0.133%        |
| 25        | 8.193       | 898           | 902         | 915          | rVB      | 514615         | 863264        | 3.35%           | 0.633%        |
| 26        | 8.310       | 917           | 922         | 925          | rBV      | 45315          | 68358         | 0.27%           | 0.050%        |
| 27        | 8.363       | 925           | 931         | 937          | rVV      | 1321015        | 2060385       | 8.00%           | 1.510%        |
| 28        | 8.428       | 937           | 942         | 947          | rVV      | 159301         | 292743        | 1.14%           | 0.215%        |
| 29        | 8.475       | 947           | 950         | 957          | rVB2     | 35188          | 74249         | 0.29%           | 0.054%        |
| 30        | 8.552       | 957           | 963         | 969          | rVB3     | 49269          | 85574         | 0.33%           | 0.063%        |
| 31        | 8.763       | 988           | 999         | 1000         | rBV3     | 50117          | 81830         | 0.32%           | 0.060%        |
| 32        | 8.804       | 1000          | 1006        | 1012         | rVV      | 1431902        | 2324765       | 9.03%           | 1.704%        |
| 33        | 8.851       | 1012          | 1014        | 1019         | rVV4     | 58570          | 91444         | 0.36%           | 0.067%        |
| 34        | 9.075       | 1046          | 1052        | 1057         | rVV5     | 42669          | 96443         | 0.37%           | 0.071%        |
| 35        | 9.128       | 1057          | 1061        | 1066         | rVB2     | 35203          | 67446         | 0.26%           | 0.049%        |
| 36        | 9.351       | 1094          | 1099        | 1107         | rBV2     | 37040          | 79986         | 0.31%           | 0.059%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 9.522  | 1122 | 1128 | 1136 | rVV  | 1125305  | 1796908  | 6.98%   | 1.317%  |
| 38 | 9.628  | 1140 | 1146 | 1148 | rVV  | 78870    | 139405   | 0.54%   | 0.102%  |
| 39 | 9.657  | 1148 | 1151 | 1165 | rVB5 | 118811   | 262021   | 1.02%   | 0.192%  |
| 40 | 9.781  | 1167 | 1172 | 1177 | rVV  | 50138    | 77997    | 0.30%   | 0.057%  |
| 41 | 9.857  | 1178 | 1185 | 1193 | rVV7 | 87624    | 259424   | 1.01%   | 0.190%  |
| 42 | 9.928  | 1193 | 1197 | 1204 | rVV2 | 120570   | 210523   | 0.82%   | 0.154%  |
| 43 | 9.998  | 1204 | 1209 | 1213 | rVV4 | 59562    | 102726   | 0.40%   | 0.075%  |
| 44 | 10.063 | 1213 | 1220 | 1231 | rVB  | 1683658  | 2847179  | 11.06%  | 2.087%  |
| 45 | 10.234 | 1243 | 1249 | 1257 | rBV6 | 34082    | 73907    | 0.29%   | 0.054%  |
| 46 | 10.316 | 1257 | 1263 | 1267 | rBV3 | 51319    | 93060    | 0.36%   | 0.068%  |
| 47 | 10.440 | 1277 | 1284 | 1287 | rBV  | 1508954  | 2566333  | 9.97%   | 1.881%  |
| 48 | 10.498 | 1287 | 1294 | 1300 | rVV  | 14091763 | 25752791 | 100.00% | 18.876% |
| 49 | 10.569 | 1300 | 1306 | 1310 | rVV  | 964039   | 1748862  | 6.79%   | 1.282%  |
| 50 | 10.604 | 1310 | 1312 | 1321 | rVB  | 472671   | 626091   | 2.43%   | 0.459%  |
| 51 | 10.987 | 1369 | 1377 | 1384 | rVV  | 271203   | 523412   | 2.03%   | 0.384%  |
| 52 | 11.057 | 1387 | 1389 | 1401 | rVB6 | 30834    | 81916    | 0.32%   | 0.060%  |
| 53 | 11.210 | 1410 | 1415 | 1418 | rBV  | 46129    | 76300    | 0.30%   | 0.056%  |
| 54 | 11.263 | 1418 | 1424 | 1434 | rVV2 | 175303   | 396673   | 1.54%   | 0.291%  |
| 55 | 11.551 | 1470 | 1473 | 1477 | rVV5 | 53209    | 85013    | 0.33%   | 0.062%  |
| 56 | 11.604 | 1477 | 1482 | 1491 | rVV2 | 97761    | 162618   | 0.63%   | 0.119%  |
| 57 | 11.928 | 1531 | 1537 | 1544 | rBV  | 269834   | 460002   | 1.79%   | 0.337%  |
| 58 | 12.104 | 1561 | 1567 | 1575 | rVB  | 1237926  | 1866980  | 7.25%   | 1.368%  |
| 59 | 12.228 | 1579 | 1588 | 1597 | rBV4 | 117139   | 304815   | 1.18%   | 0.223%  |
| 60 | 12.328 | 1598 | 1605 | 1613 | rVB  | 615987   | 988744   | 3.84%   | 0.725%  |
| 61 | 12.422 | 1615 | 1621 | 1628 | rVB7 | 63017    | 130290   | 0.51%   | 0.095%  |
| 62 | 12.810 | 1681 | 1687 | 1697 | rBV5 | 72560    | 201506   | 0.78%   | 0.148%  |
| 63 | 13.034 | 1718 | 1725 | 1729 | rBV5 | 58350    | 130991   | 0.51%   | 0.096%  |
| 64 | 13.128 | 1736 | 1741 | 1750 | rBV  | 294642   | 512325   | 1.99%   | 0.376%  |
| 65 | 13.210 | 1750 | 1755 | 1760 | rVB  | 213895   | 300811   | 1.17%   | 0.220%  |
| 66 | 13.328 | 1771 | 1775 | 1782 | rVB2 | 50984    | 99881    | 0.39%   | 0.073%  |
| 67 | 13.457 | 1793 | 1797 | 1799 | rBV3 | 72426    | 102059   | 0.40%   | 0.075%  |
| 68 | 13.616 | 1819 | 1824 | 1829 | rVB  | 137596   | 238967   | 0.93%   | 0.175%  |
| 69 | 13.669 | 1830 | 1833 | 1836 | rBV  | 68884    | 92214    | 0.36%   | 0.068%  |
| 70 | 13.716 | 1836 | 1841 | 1850 | rVB  | 2365832  | 3215897  | 12.49%  | 2.357%  |
| 71 | 13.987 | 1881 | 1887 | 1891 | rBV  | 3080126  | 5136051  | 19.94%  | 3.765%  |
| 72 | 14.157 | 1912 | 1916 | 1923 | rVB  | 205573   | 285226   | 1.11%   | 0.209%  |
| 73 | 14.298 | 1933 | 1940 | 1945 | rBV  | 1992100  | 3067463  | 11.91%  | 2.248%  |
| 74 | 14.357 | 1945 | 1950 | 1956 | rVV  | 746663   | 1076285  | 4.18%   | 0.789%  |
| 75 | 14.422 | 1958 | 1961 | 1966 | rVB  | 60804    | 85438    | 0.33%   | 0.063%  |
| 76 | 14.492 | 1968 | 1973 | 1978 | rVV  | 478368   | 671748   | 2.61%   | 0.492%  |

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Instrument :  
 BNA\_N  
 ClientSampleId :  
 E27G7

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\_N\Methods\SFAM-EPA-BN101624.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 14.645 | 1996 | 1999 | 2003 | rVB3 | 75240   | 88913   | 0.35%  | 0.065% |
| 78  | 14.692 | 2003 | 2007 | 2014 | rVB  | 667086  | 961640  | 3.73%  | 0.705% |
| 79  | 14.828 | 2027 | 2030 | 2034 | rVB2 | 49886   | 73180   | 0.28%  | 0.054% |
| 80  | 15.292 | 2103 | 2109 | 2114 | rBV  | 3772515 | 5081335 | 19.73% | 3.724% |
| 81  | 15.345 | 2114 | 2118 | 2123 | rVB  | 791997  | 1074974 | 4.17%  | 0.788% |
| 82  | 15.404 | 2123 | 2128 | 2136 | rBV  | 960434  | 1317596 | 5.12%  | 0.966% |
| 83  | 15.557 | 2152 | 2154 | 2158 | rVB  | 83430   | 96602   | 0.38%  | 0.071% |
| 84  | 15.745 | 2182 | 2186 | 2191 | rVB2 | 233419  | 305810  | 1.19%  | 0.224% |
| 85  | 15.969 | 2221 | 2224 | 2225 | rBV  | 84640   | 92306   | 0.36%  | 0.068% |
| 86  | 15.992 | 2225 | 2228 | 2232 | rVB  | 136429  | 168690  | 0.66%  | 0.124% |
| 87  | 16.133 | 2249 | 2252 | 2256 | rBV2 | 95749   | 135191  | 0.52%  | 0.099% |
| 88  | 16.345 | 2285 | 2288 | 2294 | rVB  | 437477  | 539617  | 2.10%  | 0.396% |
| 89  | 16.439 | 2301 | 2304 | 2313 | rVB  | 259813  | 353375  | 1.37%  | 0.259% |
| 90  | 16.657 | 2337 | 2341 | 2344 | rBV2 | 178212  | 270483  | 1.05%  | 0.198% |
| 91  | 16.692 | 2344 | 2347 | 2355 | rVB2 | 176579  | 286872  | 1.11%  | 0.210% |
| 92  | 17.039 | 2401 | 2406 | 2410 | rBV  | 2206736 | 3156676 | 12.26% | 2.314% |
| 93  | 17.080 | 2410 | 2413 | 2417 | rVB  | 1298062 | 1596339 | 6.20%  | 1.170% |
| 94  | 17.139 | 2417 | 2423 | 2428 | rBV  | 3875224 | 5336926 | 20.72% | 3.912% |
| 95  | 17.439 | 2470 | 2474 | 2480 | rVB  | 760799  | 1066924 | 4.14%  | 0.782% |
| 96  | 19.433 | 2808 | 2813 | 2828 | rVB  | 4377667 | 6133609 | 23.82% | 4.496% |
| 97  | 20.939 | 3066 | 3069 | 3077 | rVB3 | 426734  | 603186  | 2.34%  | 0.442% |
| 98  | 21.263 | 3119 | 3124 | 3135 | rVB2 | 2480532 | 3523826 | 13.68% | 2.583% |
| 99  | 23.957 | 3574 | 3582 | 3594 | rVB  | 2973088 | 6712759 | 26.07% | 4.920% |
| 100 | 24.151 | 3607 | 3615 | 3626 | rVB  | 1573948 | 3935781 | 15.28% | 2.885% |

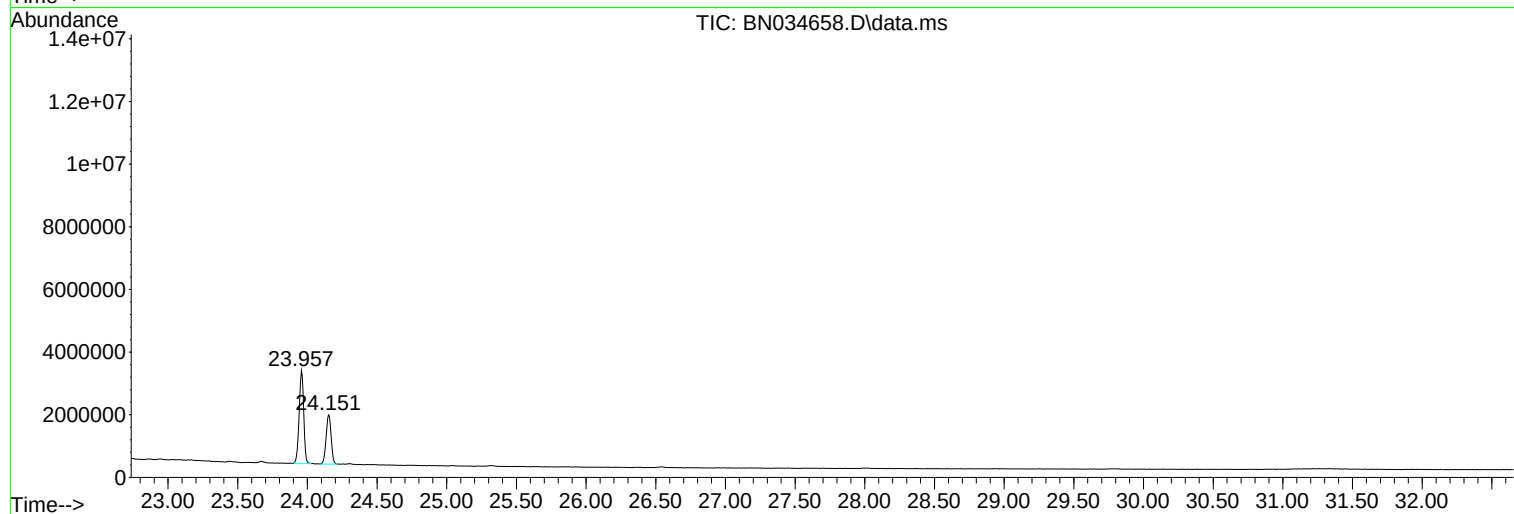
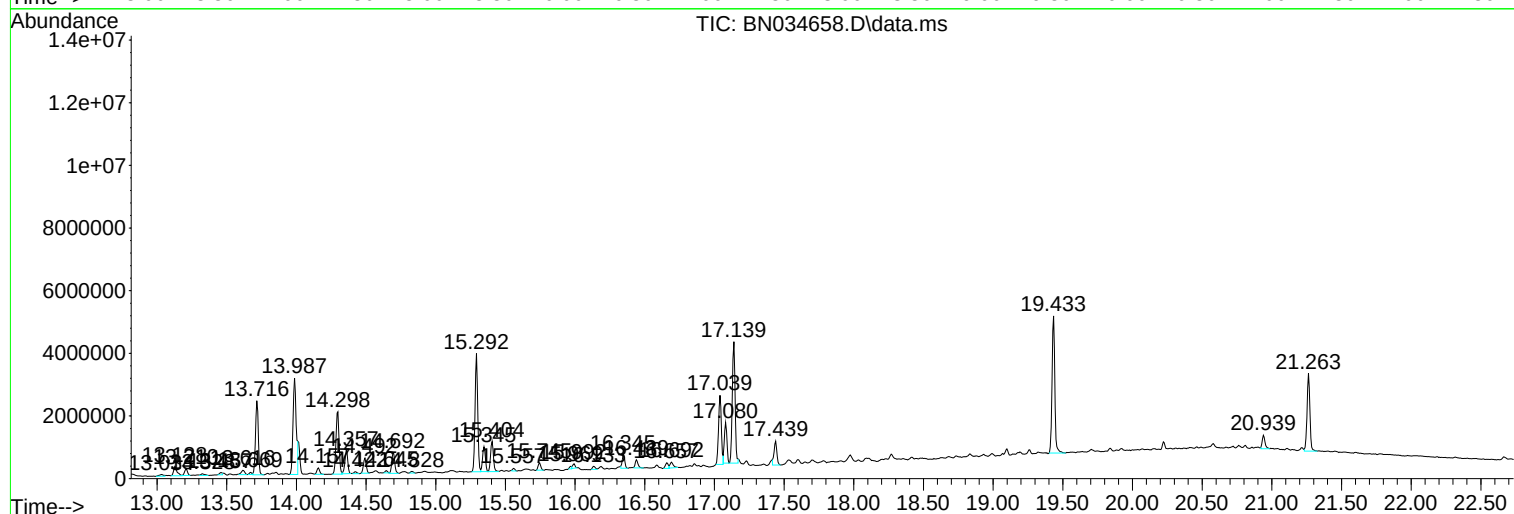
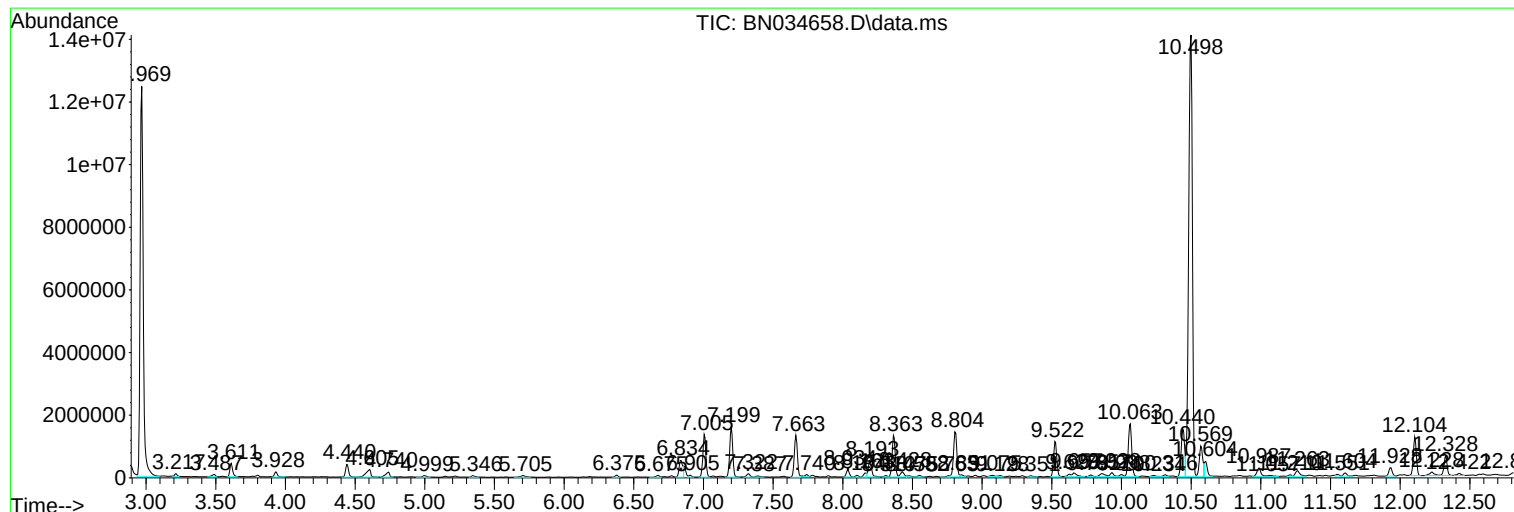
Sum of corrected areas: 136431741

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101624.MA.M  
Quant Title : SVOA CALIBRATION

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



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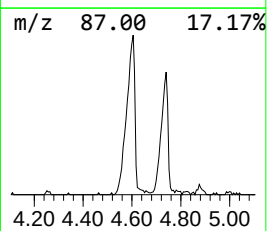
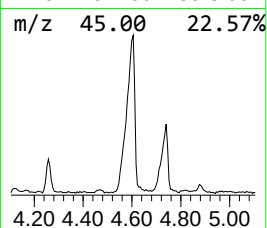
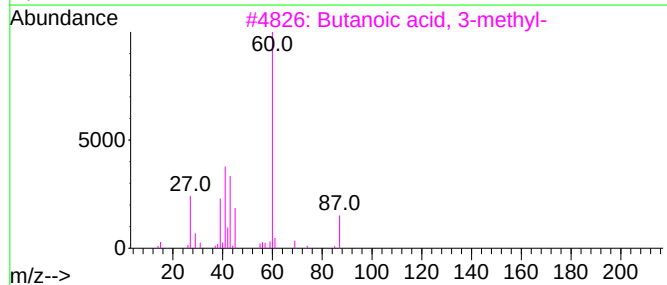
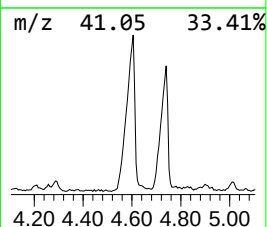
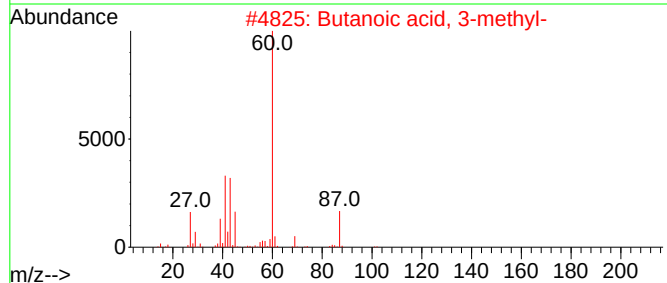
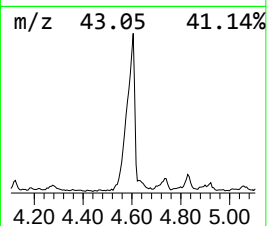
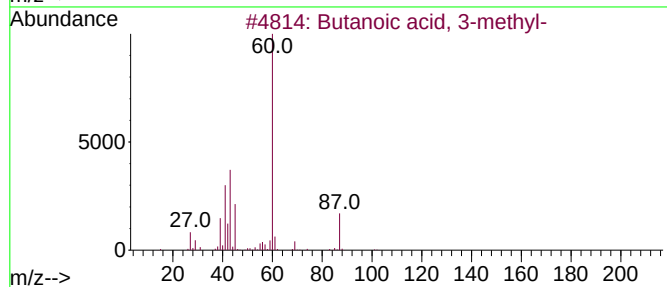
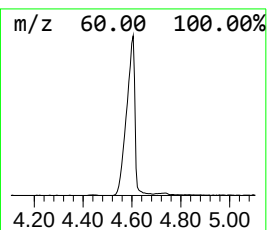
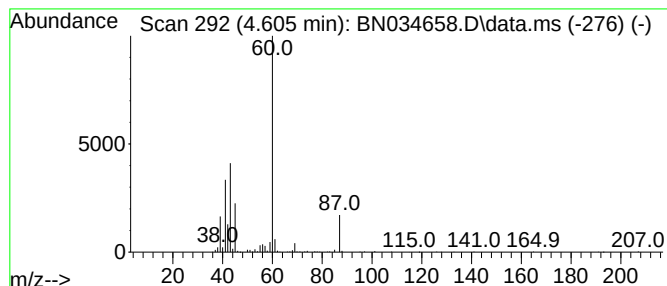
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101624.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.605 | 5.65 ng/ul | 573353 | 1,4-Dichlorobenzene-d4 | 7.663 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 90   |
| 2    |    |   | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 83   |
| 3    |    |   | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 83   |
| 4    |    |   | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 83   |
| 5    |    |   | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 72   |



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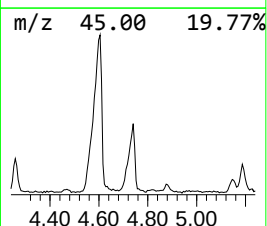
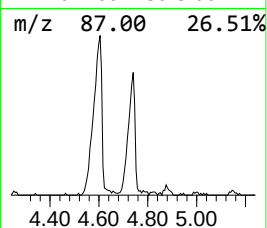
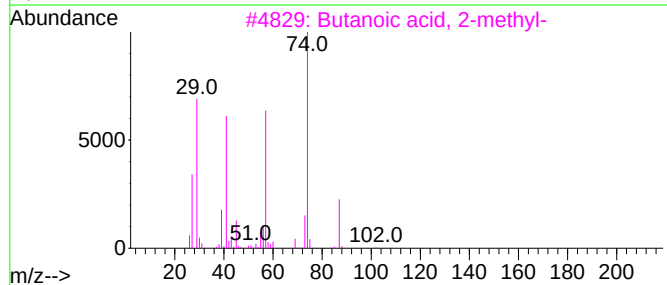
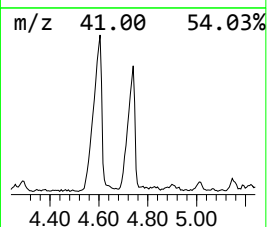
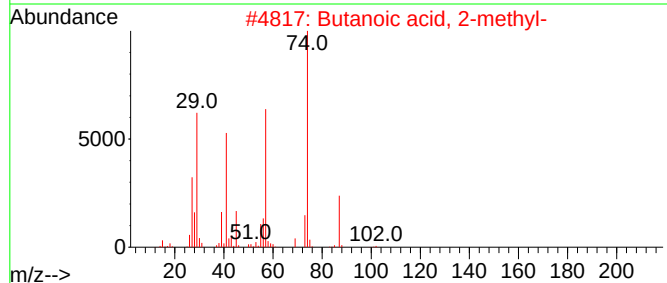
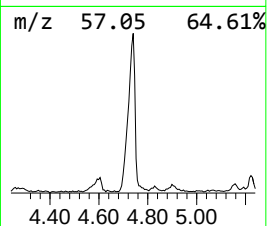
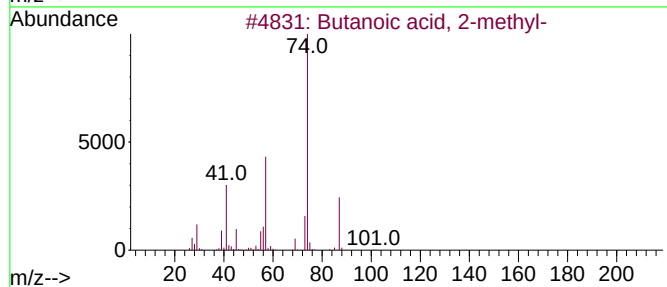
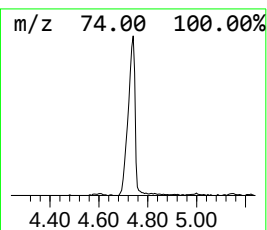
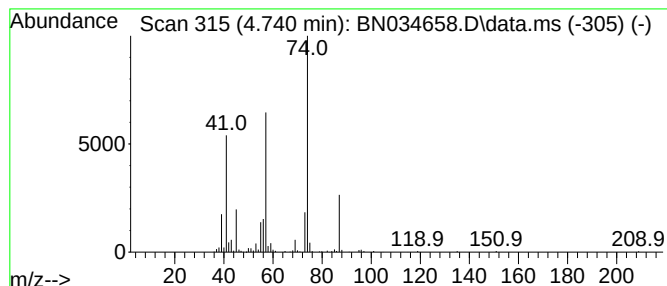
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101624.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.740 | 3.06 ng/ul | 310348 | 1,4-Dichlorobenzene-d4 | 7.663 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Butanoic acid, 2-methyl-  | 102 | C5H10O2 | 000116-53-0 | 90   |
| 2    |    |   | Butanoic acid, 2-methyl-  | 102 | C5H10O2 | 000116-53-0 | 72   |
| 3    |    |   | Butanoic acid, 2-methyl-  | 102 | C5H10O2 | 000116-53-0 | 64   |
| 4    |    |   | Butanoic acid, 2-methyl-  | 102 | C5H10O2 | 000116-53-0 | 59   |
| 5    |    |   | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 45   |



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Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
Sample : P4380-22  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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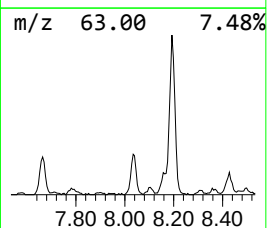
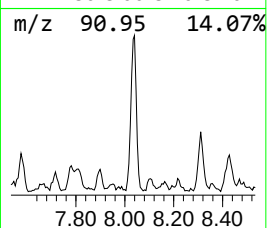
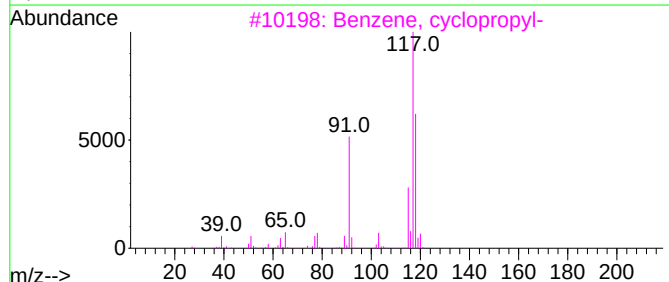
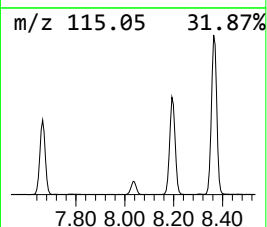
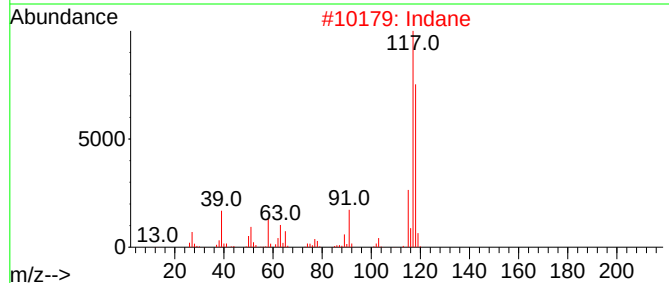
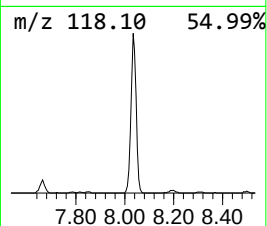
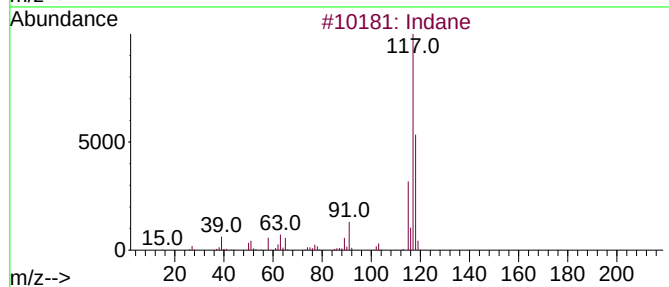
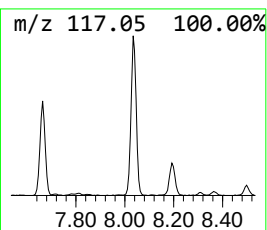
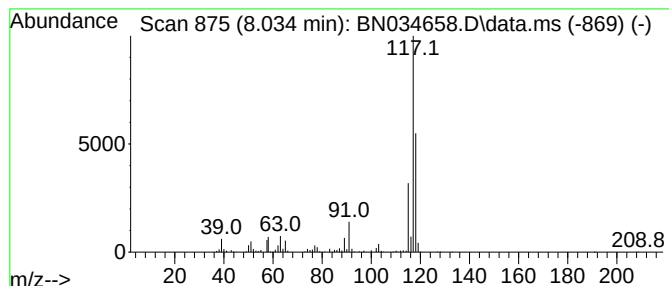
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Indane Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.034 | 3.40 ng/ul | 345587 | 1,4-Dichlorobenzene-d4 | 7.663 |

| Hit# | of                    | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------------|---|--------------|-----|---------|-------------|------|
| 1    | Indane                |   |              | 118 | C9H10   | 000496-11-7 | 93   |
| 2    | Indane                |   |              | 118 | C9H10   | 000496-11-7 | 91   |
| 3    | Benzene, cyclopropyl- |   |              | 118 | C9H10   | 000873-49-4 | 83   |
| 4    | Benzene, cyclopropyl- |   |              | 118 | C9H10   | 000873-49-4 | 81   |
| 5    | Deltacyclene          |   |              | 118 | C9H10   | 007785-10-6 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101724\  
Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
Sample : P4380-22  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E27G7

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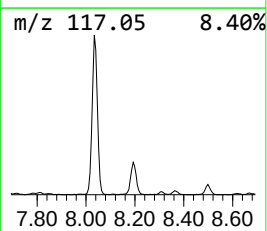
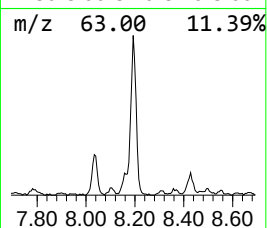
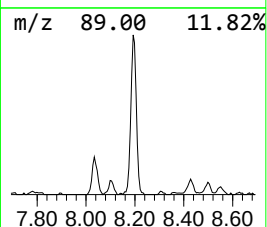
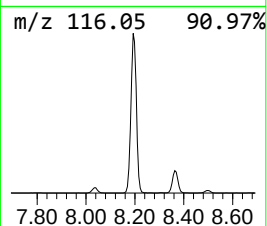
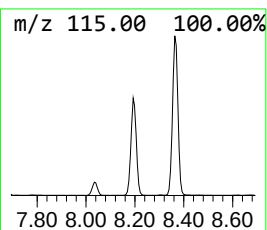
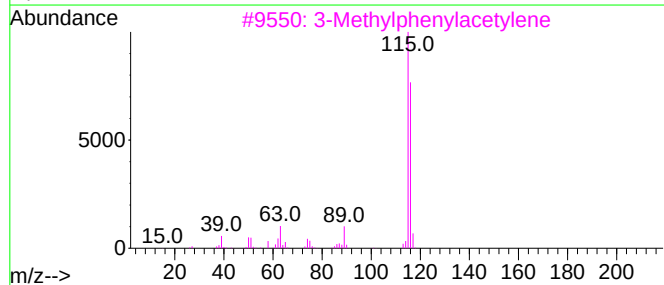
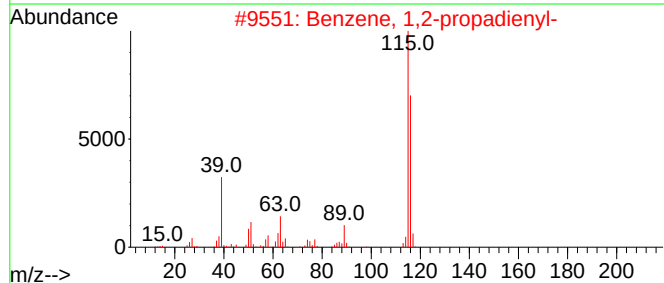
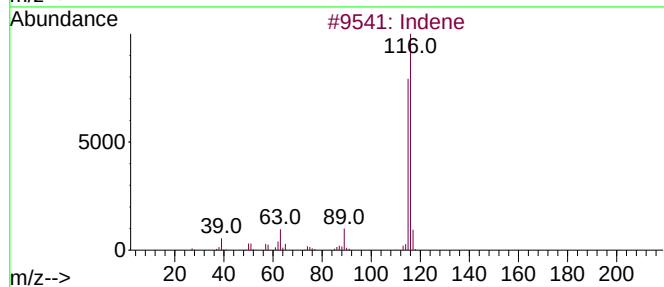
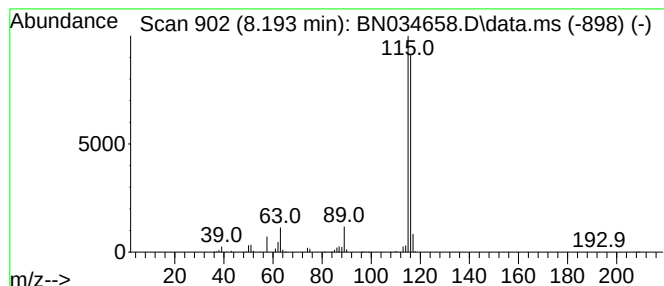
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Indene Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.193 | 8.50 ng/ul | 863264 | 1,4-Dichlorobenzene-d4 | 7.663 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Indene                    | 116 | C9H8    | 000095-13-6 | 97   |
| 2    |    |   | Benzene, 1,2-propadienyl- | 116 | C9H8    | 002327-99-3 | 91   |
| 3    |    |   | 3-Methylphenylacetylene   | 116 | C9H8    | 000766-82-5 | 91   |
| 4    |    |   | Benzene, 1-propynyl-      | 116 | C9H8    | 000673-32-5 | 91   |
| 5    |    |   | Benzene, 1-propynyl-      | 116 | C9H8    | 000673-32-5 | 91   |





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Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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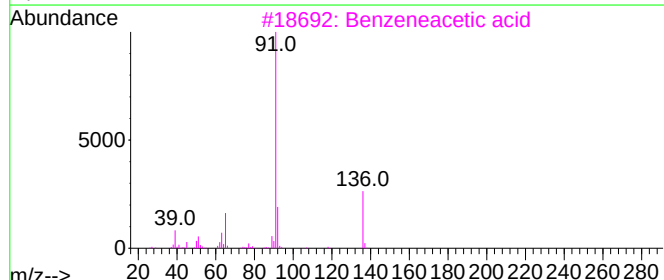
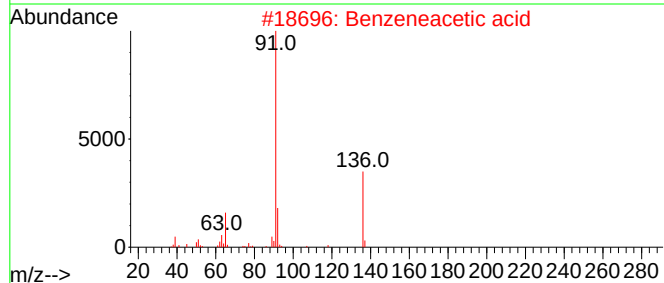
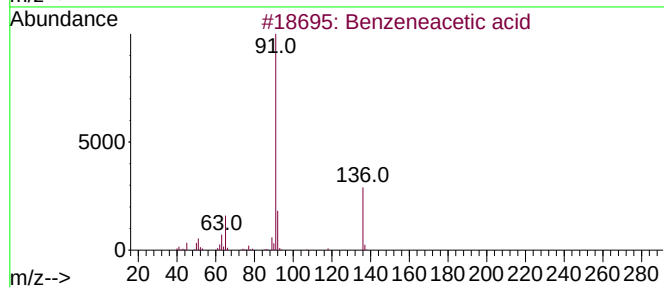
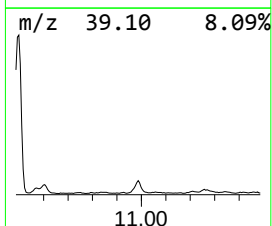
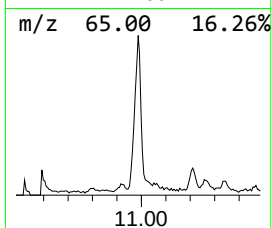
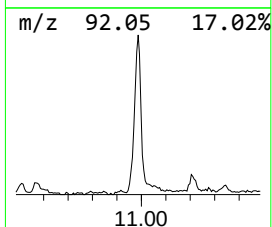
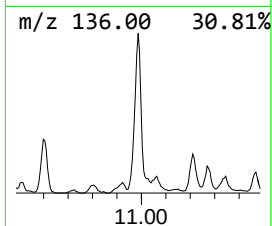
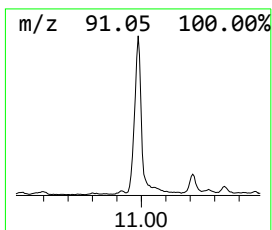
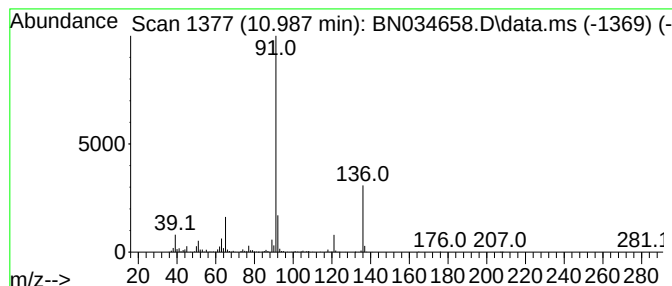
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Benzeneacetic acid Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.987 | 4.08 ng/ul | 523412 | Naphthalene-d8   | 10.440 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzeneacetic acid         | 136 | C8H8O2  | 000103-82-2 | 93   |
| 2    |    |   | Benzeneacetic acid         | 136 | C8H8O2  | 000103-82-2 | 93   |
| 3    |    |   | Benzeneacetic acid         | 136 | C8H8O2  | 000103-82-2 | 93   |
| 4    |    |   | Benzeneacetic acid         | 136 | C8H8O2  | 000103-82-2 | 87   |
| 5    |    |   | Benzene, (2-methoxyethyl)- | 136 | C9H12O  | 003558-60-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101724\  
Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
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ClientSampleId :  
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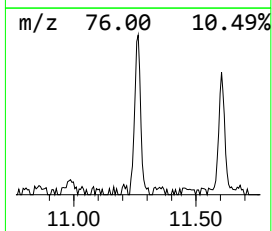
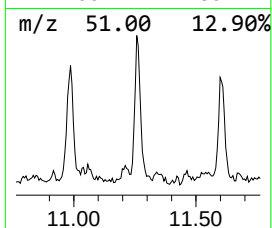
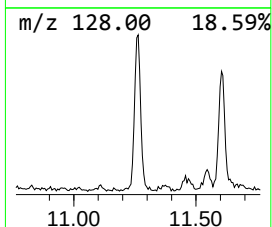
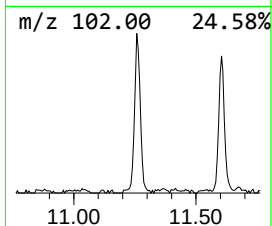
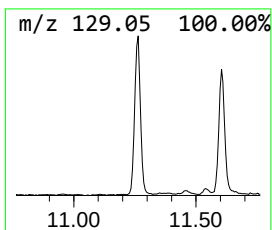
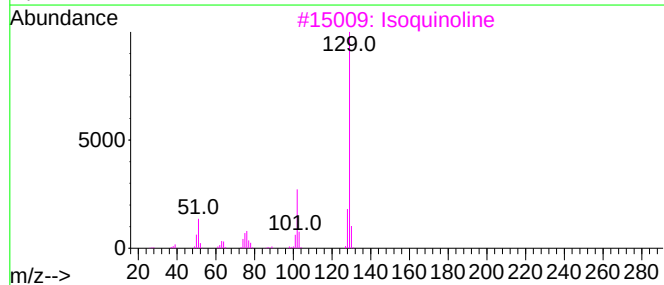
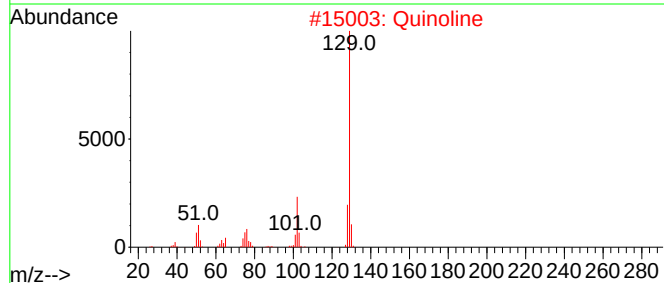
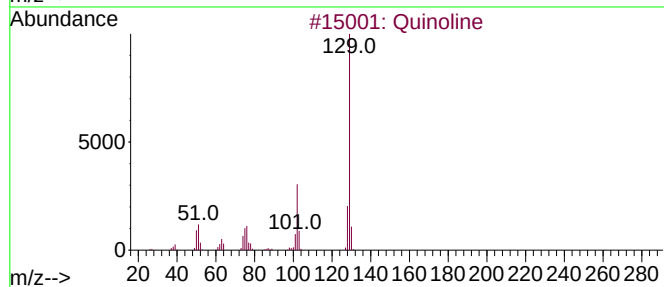
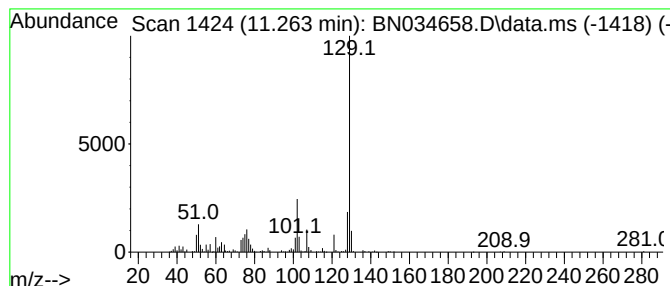
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Quinoline Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.263 | 3.09 ng/ul | 396673 | Naphthalene-d8   | 10.440 |

| Hit# | of           | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------|---|--------------|-----|---------|-------------|------|
| 1    | Quinoline    |   |              | 129 | C9H7N   | 000091-22-5 | 95   |
| 2    | Quinoline    |   |              | 129 | C9H7N   | 000091-22-5 | 95   |
| 3    | Isoquinoline |   |              | 129 | C9H7N   | 000119-65-3 | 95   |
| 4    | Isoquinoline |   |              | 129 | C9H7N   | 000119-65-3 | 95   |
| 5    | Isoquinoline |   |              | 129 | C9H7N   | 000119-65-3 | 91   |



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Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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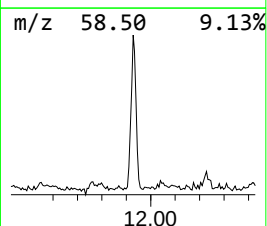
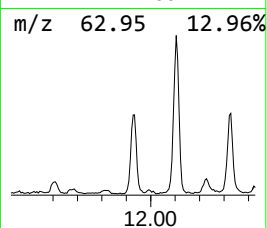
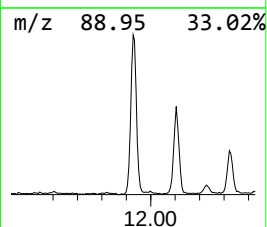
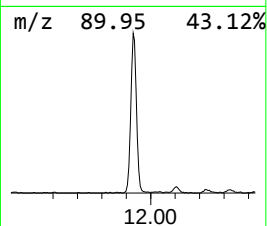
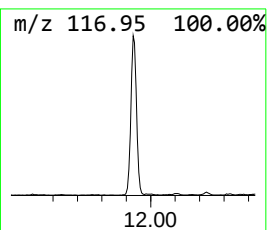
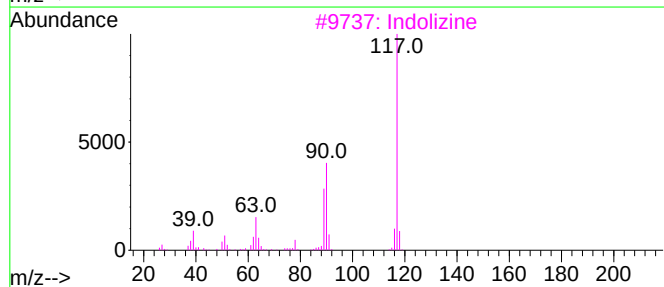
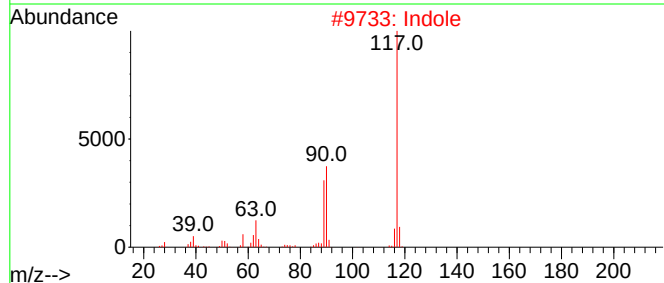
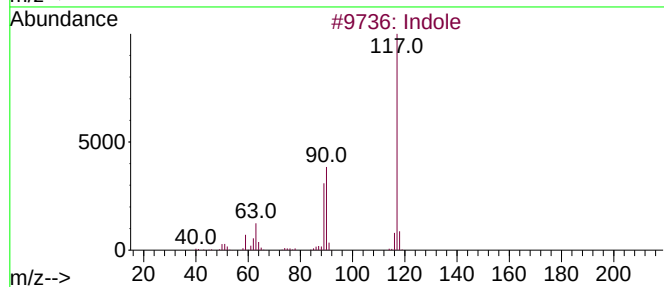
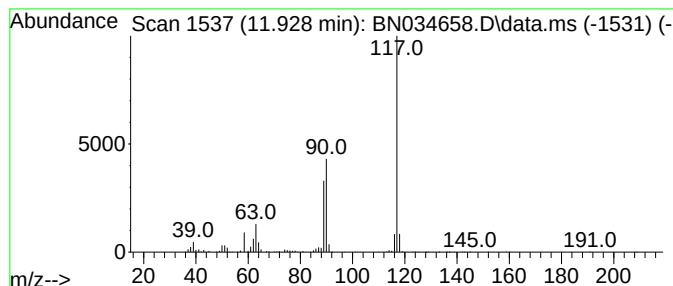
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 Indole Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.928 | 3.58 ng/ul | 460002 | Naphthalene-d8   | 10.440 |

| Hit# | of | 5 | Tentative ID   | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------|-----|---------|-------------|------|
| 1    |    |   | Indole         | 117 | C8H7N   | 000120-72-9 | 97   |
| 2    |    |   | Indole         | 117 | C8H7N   | 000120-72-9 | 96   |
| 3    |    |   | Indolizine     | 117 | C8H7N   | 000274-40-8 | 93   |
| 4    |    |   | Indole         | 117 | C8H7N   | 000120-72-9 | 91   |
| 5    |    |   | Benzyl nitrile | 117 | C8H7N   | 000140-29-4 | 90   |



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Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
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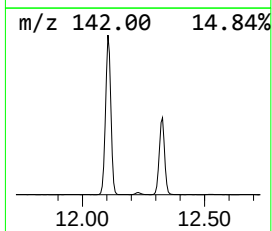
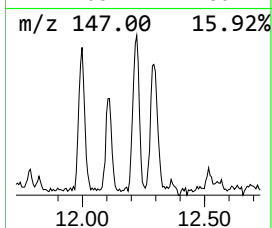
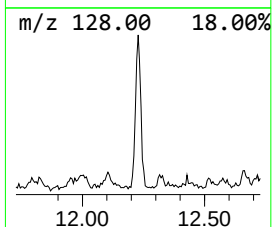
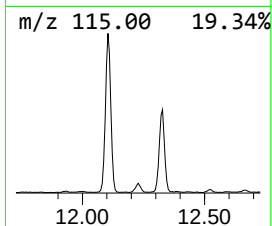
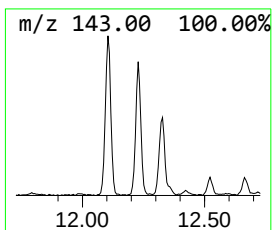
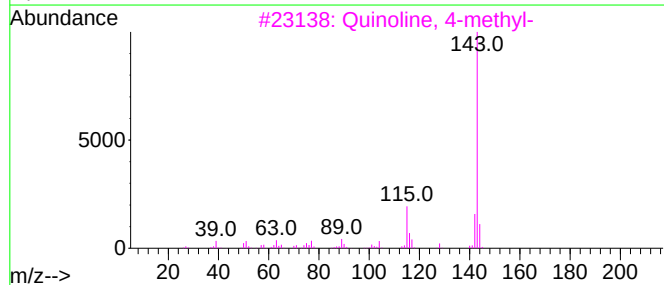
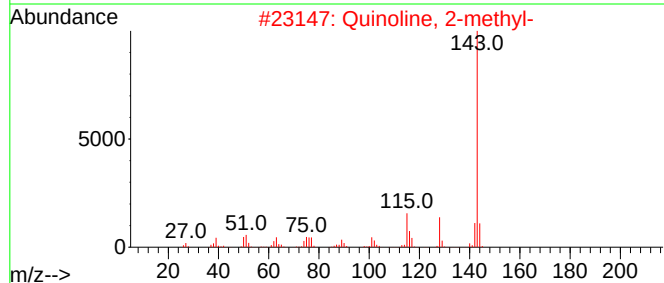
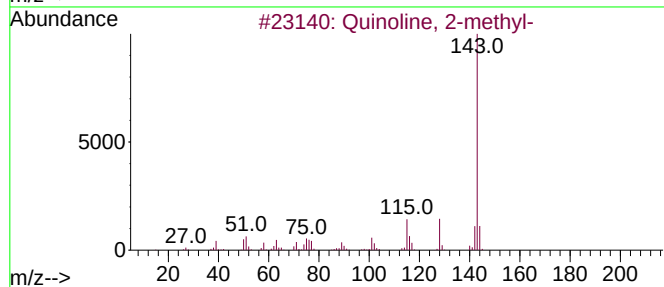
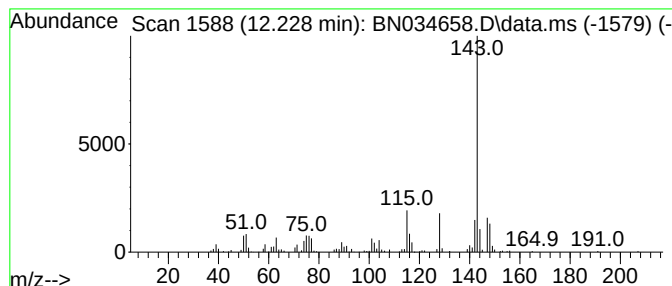
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 Quinoline, 2-methyl- Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.228 | 2.38 ng/ul | 304815 | Naphthalene-d8   | 10.440 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Quinoline, 2-methyl-    | 143 | C10H9N  | 000091-63-4 | 95   |
| 2    |    |   | Quinoline, 2-methyl-    | 143 | C10H9N  | 000091-63-4 | 95   |
| 3    |    |   | Quinoline, 4-methyl-    | 143 | C10H9N  | 000491-35-0 | 81   |
| 4    |    |   | Isoquinoline, 3-methyl- | 143 | C10H9N  | 001125-80-0 | 81   |
| 5    |    |   | Quinoline, 4-methyl-    | 143 | C10H9N  | 000491-35-0 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101724\  
Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
E27G7

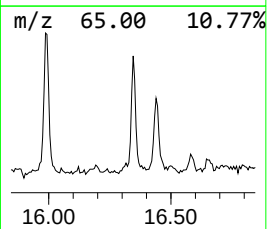
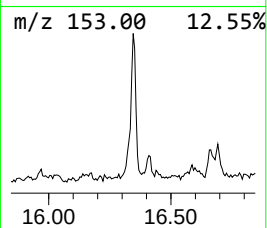
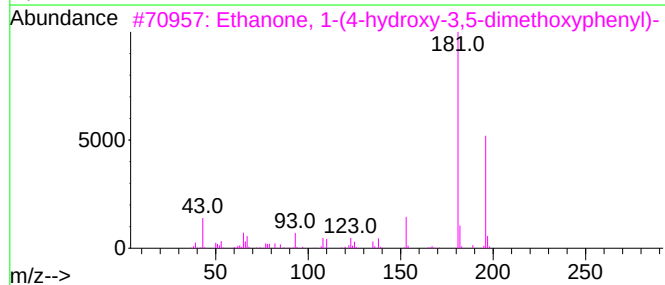
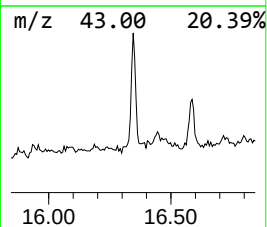
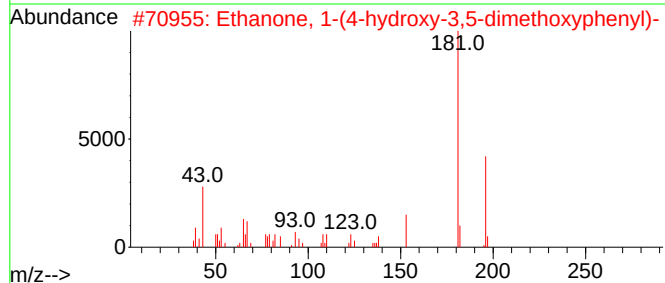
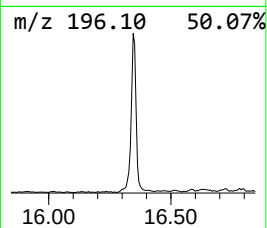
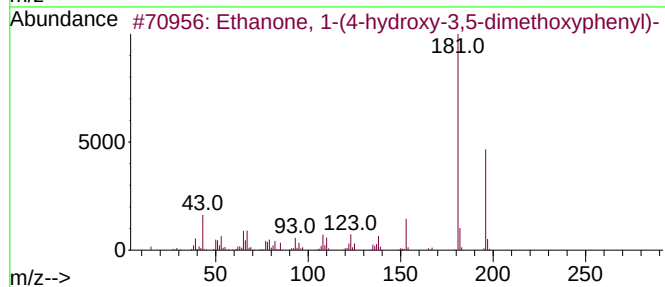
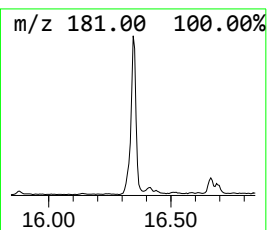
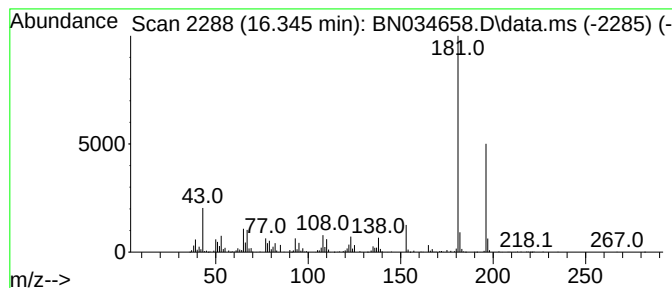
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.345 | 3.42 ng/ul | 539617 | Phenanthrene-d10 | 17.039 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanone, 1-(4-hydroxy-3,5-dimet... | 196 | C10H12O4 | 002478-38-8 | 98   |
| 2    |    |   | Ethanone, 1-(4-hydroxy-3,5-dimet... | 196 | C10H12O4 | 002478-38-8 | 97   |
| 3    |    |   | Ethanone, 1-(4-hydroxy-3,5-dimet... | 196 | C10H12O4 | 002478-38-8 | 97   |
| 4    |    |   | Ethanone, 1-(4-hydroxy-3,5-dimet... | 196 | C10H12O4 | 002478-38-8 | 91   |
| 5    |    |   | Benzaldehyde, 3,4,5-trimethoxy-     | 196 | C10H12O4 | 000086-81-7 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101724\  
Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
Sample : P4380-22  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E27G7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101624.MA.M  
Quant Title : SVOA CALIBRATION

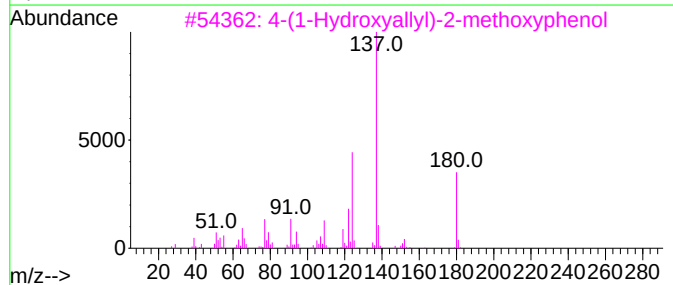
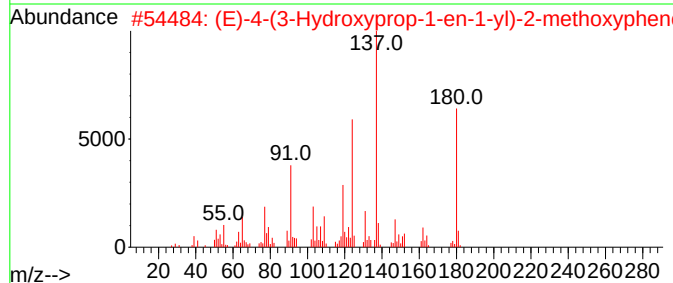
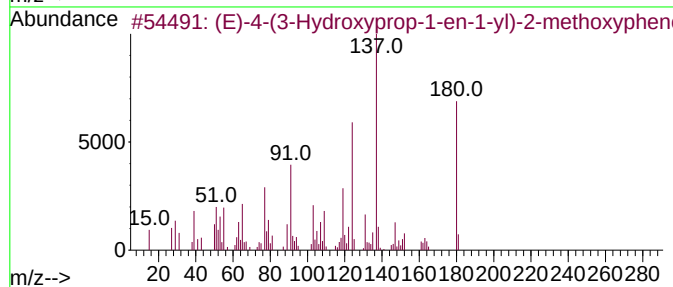
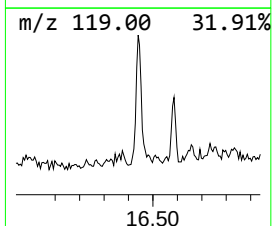
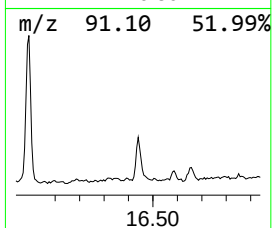
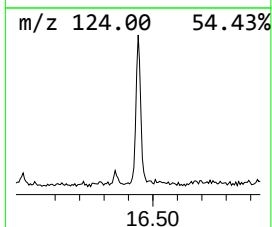
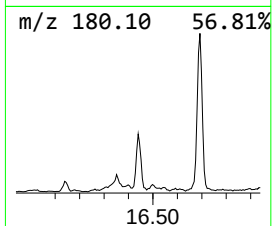
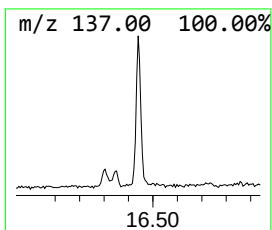
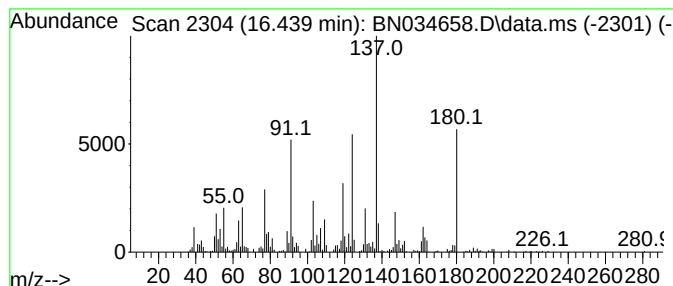
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 (E)-4-(3-Hydroxyprop-1-en-1-yl)-2-methoxyphenol Concentration Rank 14

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.439 | 2.24 ng/ul | 353375 | Phenanthrene-d10 | 17.039 |

| Hit# | of                                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-----------------------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | (E)-4-(3-Hydroxyprop-1-en-1-yl)-2-methoxyphenol     | 180 | C10H12O3     | 032811-40-8  | 98      |      |      |
| 2    | (E)-4-(3-Hydroxyprop-1-en-1-yl)-2-methoxyphenol     | 180 | C10H12O3     | 032811-40-8  | 93      |      |      |
| 3    | 4-(1-Hydroxyallyl)-2-methoxyphenol                  | 180 | C10H12O3     | 112465-50-6  | 70      |      |      |
| 4    | 3,7-Benzofurandiyl, 2,3-dihydro-1,4-benzodioxole    | 180 | C10H12O3     | 017781-15-6  | 47      |      |      |
| 5    | (+)-s-2-Phenethanamine, 1-methyl-2-phenylethanamine | 271 | C17H21NO2    | 1000127-89-6 | 38      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101724\  
Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
Sample : P4380-22  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E27G7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101624.MA.M  
Quant Title : SVOA CALIBRATION

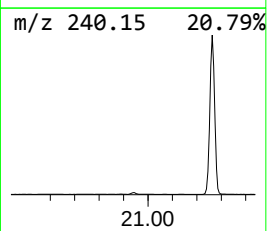
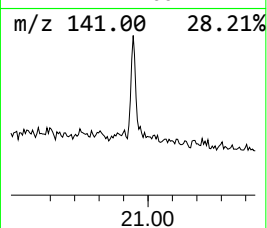
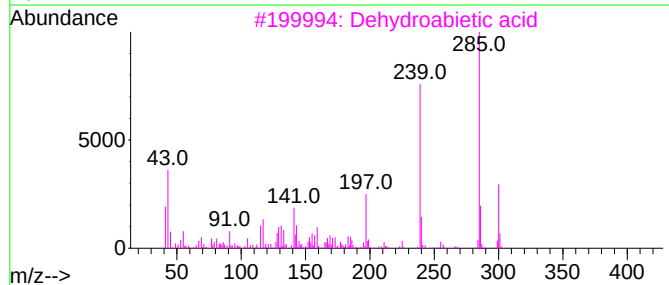
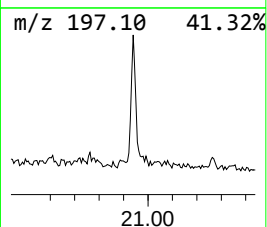
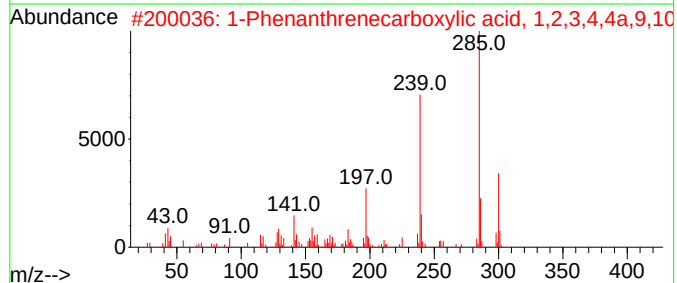
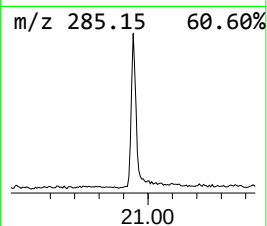
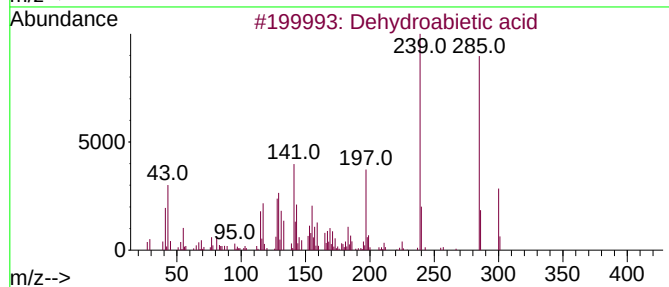
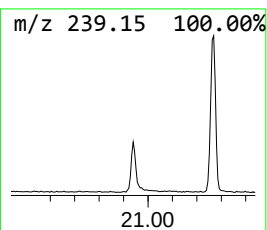
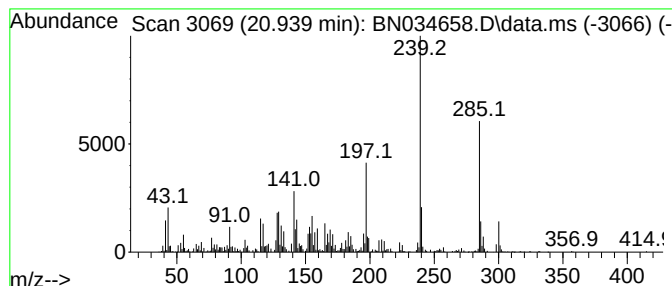
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Dehydroabietic acid Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.939 | 3.42 ng/ul | 603186 | Chrysene-d12     | 21.263 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Dehydroabietic acid                 | 300 | C20H28O2 | 001740-19-8 | 95   |
| 2    |    |   | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2 | 005155-70-4 | 93   |
| 3    |    |   | Dehydroabietic acid                 | 300 | C20H28O2 | 001740-19-8 | 93   |
| 4    |    |   | Dehydroabietic acid                 | 300 | C20H28O2 | 001740-19-8 | 93   |
| 5    |    |   | Dehydroabietic acid                 | 300 | C20H28O2 | 001740-19-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101724\  
Data File : BN034658.D  
Acq On : 18 Oct 2024 20:33  
Operator : RC/JU  
Sample : P4380-22  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E27G7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101624.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butanoic acid, ... | 4.605  | 5.7     | ng/ul | 573353   | 1                     | 7.663  | 2030910 | 20.0 |
| Butanoic acid, ... | 4.740  | 3.1     | ng/ul | 310348   | 1                     | 7.663  | 2030910 | 20.0 |
| Indane             | 8.034  | 3.4     | ng/ul | 345587   | 1                     | 7.663  | 2030910 | 20.0 |
| Indene             | 8.193  | 8.5     | ng/ul | 863264   | 1                     | 7.663  | 2030910 | 20.0 |
| Benzeneacetic acid | 10.987 | 4.1     | ng/ul | 523412   | 2                     | 10.440 | 2566330 | 20.0 |
| Quinoline          | 11.263 | 3.1     | ng/ul | 396673   | 2                     | 10.440 | 2566330 | 20.0 |
| Indole             | 11.928 | 3.6     | ng/ul | 460002   | 2                     | 10.440 | 2566330 | 20.0 |
| Quinoline, 2-me... | 12.228 | 2.4     | ng/ul | 304815   | 2                     | 10.440 | 2566330 | 20.0 |
| Ethanone, 1-(4-... | 16.345 | 3.4     | ng/ul | 539617   | 4                     | 17.039 | 3156680 | 20.0 |
| (E)-4-(3-Hydrox... | 16.439 | 2.2     | ng/ul | 353375   | 4                     | 17.039 | 3156680 | 20.0 |
| Dehydroabietic ... | 20.939 | 3.4     | ng/ul | 603186   | 5                     | 21.263 | 3523830 | 20.0 |