

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110824\  
 Data File : BG063254.D  
 Acq On : 9 Nov 2024 7:55  
 Operator : RC/JU  
 Sample : P4582-05  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4EF0

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\_G\Methods\SFAM-EPA-BG110624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG063254.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         | 3.724       | 103           | 108         | 115          | rBV3     | 39652          | 85062         | 2.76%           | 0.371%        |
| 2         | 3.818       | 120           | 124         | 131          | rVV4     | 30560          | 43286         | 1.41%           | 0.189%        |
| 3         | 3.888       | 133           | 136         | 144          | rVB8     | 9588           | 16272         | 0.53%           | 0.071%        |
| 4         | 3.941       | 144           | 145         | 150          | rVB3     | 4471           | 5273          | 0.17%           | 0.023%        |
| 5         | 4.399       | 220           | 223         | 230          | rBV6     | 7991           | 14712         | 0.48%           | 0.064%        |
| 6         | 4.593       | 252           | 256         | 263          | rVB4     | 20579          | 35024         | 1.14%           | 0.153%        |
| 7         | 4.746       | 276           | 282         | 285          | rBV6     | 4996           | 8683          | 0.28%           | 0.038%        |
| 8         | 4.840       | 295           | 298         | 300          | rVB4     | 4719           | 5416          | 0.18%           | 0.024%        |
| 9         | 4.952       | 312           | 317         | 321          | rBV5     | 18489          | 35959         | 1.17%           | 0.157%        |
| 10        | 5.046       | 328           | 333         | 337          | rVB5     | 9980           | 17420         | 0.57%           | 0.076%        |
| 11        | 5.128       | 344           | 347         | 349          | rBV3     | 5811           | 8063          | 0.26%           | 0.035%        |
| 12        | 5.363       | 384           | 387         | 391          | rVB5     | 4113           | 5097          | 0.17%           | 0.022%        |
| 13        | 5.663       | 432           | 438         | 440          | rBV6     | 3776           | 6259          | 0.20%           | 0.027%        |
| 14        | 5.833       | 462           | 467         | 468          | rBV3     | 7107           | 10225         | 0.33%           | 0.045%        |
| 15        | 6.003       | 494           | 496         | 500          | rVB4     | 6071           | 7849          | 0.26%           | 0.034%        |
| 16        | 6.045       | 500           | 503         | 506          | rBV3     | 6388           | 7388          | 0.24%           | 0.032%        |
| 17        | 6.280       | 541           | 543         | 546          | rBV2     | 3502           | 5521          | 0.18%           | 0.024%        |
| 18        | 6.697       | 611           | 614         | 617          | rBV4     | 8274           | 9072          | 0.29%           | 0.040%        |
| 19        | 6.732       | 617           | 620         | 625          | rVB5     | 4275           | 6093          | 0.20%           | 0.027%        |
| 20        | 7.008       | 657           | 667         | 678          | rBV2     | 164481         | 349760        | 11.37%          | 1.527%        |
| 21        | 7.167       | 687           | 694         | 699          | rBV      | 102522         | 173844        | 5.65%           | 0.759%        |
| 22        | 7.372       | 719           | 729         | 737          | rBV      | 148144         | 271285        | 8.82%           | 1.184%        |
| 23        | 7.602       | 765           | 768         | 770          | rBV3     | 5962           | 5775          | 0.19%           | 0.025%        |
| 24        | 7.837       | 800           | 808         | 815          | rBV      | 494309         | 818715        | 26.61%          | 3.574%        |
| 25        | 8.542       | 920           | 928         | 939          | rBV2     | 176398         | 308190        | 10.02%          | 1.345%        |
| 26        | 8.653       | 941           | 947         | 955          | rVV2     | 165566         | 291592        | 9.48%           | 1.273%        |
| 27        | 8.829       | 976           | 977         | 981          | rVB4     | 5136           | 5089          | 0.17%           | 0.022%        |
| 28        | 8.894       | 984           | 988         | 990          | rBV4     | 5525           | 7879          | 0.26%           | 0.034%        |
| 29        | 8.988       | 997           | 1004        | 1011         | rBV      | 154499         | 278900        | 9.07%           | 1.218%        |
| 30        | 9.135       | 1023          | 1029        | 1031         | rBV6     | 3353           | 6332          | 0.21%           | 0.028%        |
| 31        | 9.423       | 1072          | 1078        | 1082         | rBV5     | 10617          | 18557         | 0.60%           | 0.081%        |
| 32        | 9.546       | 1095          | 1099        | 1100         | rBV3     | 13473          | 12292         | 0.40%           | 0.054%        |
| 33        | 9.711       | 1120          | 1127        | 1134         | rBV2     | 142381         | 258870        | 8.41%           | 1.130%        |
| 34        | 9.946       | 1160          | 1167        | 1170         | rBV7     | 18213          | 42762         | 1.39%           | 0.187%        |
| 35        | 10.063      | 1183          | 1187        | 1192         | rVB5     | 21587          | 31272         | 1.02%           | 0.137%        |
| 36        | 10.187      | 1205          | 1208        | 1209         | rVB2     | 5984           | 5308          | 0.17%           | 0.023%        |

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Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 10.251 | 1213 | 1219 | 1228 | rVV2 | 211433 | 404169  | 13.14% | 1.764% |
| 38 | 10.404 | 1240 | 1245 | 1250 | rBV6 | 9389   | 22713   | 0.74%  | 0.099% |
| 39 | 10.622 | 1275 | 1282 | 1291 | rBV  | 732428 | 1303362 | 42.36% | 5.690% |
| 40 | 10.768 | 1301 | 1307 | 1313 | rBV6 | 25158  | 52607   | 1.71%  | 0.230% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 11.156 | 1369 | 1373 | 1378 | rBV5 | 23361 | 44827 | 1.46% | 0.196% |
| 42 | 11.233 | 1384 | 1386 | 1389 | rBV2 | 5931  | 5288  | 0.17% | 0.023% |
| 43 | 11.409 | 1412 | 1416 | 1417 | rBV2 | 6719  | 9526  | 0.31% | 0.042% |
| 44 | 11.421 | 1417 | 1418 | 1422 | rVB3 | 9366  | 6908  | 0.22% | 0.030% |
| 45 | 11.609 | 1447 | 1450 | 1452 | rVB4 | 6578  | 5677  | 0.18% | 0.025% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 11.656 | 1456 | 1458 | 1460 | rVV2 | 5306  | 5715  | 0.19% | 0.025% |
| 47 | 11.697 | 1463 | 1465 | 1469 | rVB3 | 6568  | 6134  | 0.20% | 0.027% |
| 48 | 11.750 | 1469 | 1474 | 1476 | rBV3 | 4370  | 5362  | 0.17% | 0.023% |
| 49 | 11.908 | 1500 | 1501 | 1506 | rBV4 | 8346  | 10577 | 0.34% | 0.046% |
| 50 | 11.973 | 1506 | 1512 | 1517 | rBV4 | 33372 | 70102 | 2.28% | 0.306% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 51 | 12.267 | 1561 | 1562 | 1566 | rBV3 | 7306 | 7906 | 0.26% | 0.035% |
| 52 | 12.472 | 1595 | 1597 | 1600 | rVB4 | 4876 | 5478 | 0.18% | 0.024% |
| 53 | 12.607 | 1618 | 1620 | 1623 | rBV3 | 4213 | 5235 | 0.17% | 0.023% |
| 54 | 12.807 | 1651 | 1654 | 1655 | rBV2 | 5776 | 5779 | 0.19% | 0.025% |
| 55 | 13.030 | 1688 | 1692 | 1694 | rVV5 | 5126 | 8014 | 0.26% | 0.035% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 13.072 | 1696 | 1699 | 1701 | rBV3 | 5283   | 6120   | 0.20%  | 0.027% |
| 57 | 13.195 | 1715 | 1720 | 1722 | rBV2 | 7309   | 8126   | 0.26%  | 0.035% |
| 58 | 13.242 | 1725 | 1728 | 1729 | rBV3 | 4711   | 5117   | 0.17%  | 0.022% |
| 59 | 13.730 | 1807 | 1811 | 1812 | rBV2 | 8091   | 6318   | 0.21%  | 0.028% |
| 60 | 13.877 | 1830 | 1836 | 1845 | rBV  | 447719 | 646919 | 21.03% | 2.824% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 14.100 | 1872 | 1874 | 1876 | rVB2 | 7729   | 6471   | 0.21%  | 0.028% |
| 62 | 14.123 | 1876 | 1878 | 1879 | rBV2 | 10938  | 9762   | 0.32%  | 0.043% |
| 63 | 14.164 | 1879 | 1885 | 1891 | rVV2 | 443614 | 710855 | 23.10% | 3.103% |
| 64 | 14.305 | 1905 | 1909 | 1913 | rVB6 | 9181   | 15265  | 0.50%  | 0.067% |
| 65 | 14.341 | 1913 | 1915 | 1918 | rBV3 | 7250   | 6254   | 0.20%  | 0.027% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 14.470 | 1930 | 1937 | 1945 | rBV  | 1352363 | 2037836 | 66.24% | 8.896% |
| 67 | 14.599 | 1957 | 1959 | 1962 | rVB3 | 6014    | 5180    | 0.17%  | 0.023% |
| 68 | 14.687 | 1968 | 1974 | 1987 | rBV3 | 94445   | 212356  | 6.90%  | 0.927% |
| 69 | 14.817 | 1994 | 1996 | 1997 | rBV2 | 7822    | 7429    | 0.24%  | 0.032% |
| 70 | 15.010 | 2027 | 2029 | 2032 | rVB4 | 6817    | 6825    | 0.22%  | 0.030% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 15.034 | 2032 | 2033 | 2036 | rVB3 | 7623   | 6854   | 0.22%  | 0.030% |
| 72 | 15.063 | 2036 | 2038 | 2040 | rBV2 | 6822   | 7345   | 0.24%  | 0.032% |
| 73 | 15.093 | 2040 | 2043 | 2048 | rVV5 | 7868   | 11976  | 0.39%  | 0.052% |
| 74 | 15.146 | 2048 | 2052 | 2054 | rVB5 | 6659   | 10141  | 0.33%  | 0.044% |
| 75 | 15.469 | 2101 | 2107 | 2112 | rBV  | 644167 | 961216 | 31.24% | 4.196% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 76 | 15.592 | 2123 | 2128 | 2133 | rBV2 | 86257 | 133211 | 4.33% | 0.582% |
|----|--------|------|------|------|------|-------|--------|-------|--------|

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 15.657 | 2137 | 2139 | 2143 | rVB5 | 10411   | 9199    | 0.30%   | 0.040%  |
| 78  | 15.833 | 2163 | 2169 | 2176 | rVB  | 380208  | 537921  | 17.48%  | 2.348%  |
| 79  | 15.904 | 2178 | 2181 | 2183 | rBV3 | 6188    | 8679    | 0.28%   | 0.038%  |
| 80  | 15.956 | 2186 | 2190 | 2191 | rBV4 | 11410   | 10972   | 0.36%   | 0.048%  |
| 81  | 16.215 | 2232 | 2234 | 2238 | rVB5 | 23328   | 29122   | 0.95%   | 0.127%  |
| 82  | 16.309 | 2246 | 2250 | 2253 | rBV  | 38028   | 49009   | 1.59%   | 0.214%  |
| 83  | 16.368 | 2257 | 2260 | 2261 | rBV3 | 23816   | 26804   | 0.87%   | 0.117%  |
| 84  | 16.397 | 2262 | 2265 | 2268 | rVB  | 50914   | 58123   | 1.89%   | 0.254%  |
| 85  | 16.473 | 2274 | 2278 | 2282 | rVB7 | 24839   | 31233   | 1.02%   | 0.136%  |
| 86  | 16.626 | 2300 | 2304 | 2310 | rVB3 | 47778   | 82595   | 2.68%   | 0.361%  |
| 87  | 16.691 | 2312 | 2315 | 2319 | rVB2 | 36582   | 49233   | 1.60%   | 0.215%  |
| 88  | 16.767 | 2325 | 2328 | 2333 | rVB2 | 33806   | 43595   | 1.42%   | 0.190%  |
| 89  | 17.226 | 2399 | 2406 | 2410 | rBV  | 1648334 | 2531521 | 82.28%  | 11.051% |
| 90  | 17.261 | 2410 | 2412 | 2417 | rVV  | 162860  | 227432  | 7.39%   | 0.993%  |
| 91  | 17.320 | 2417 | 2422 | 2432 | rVB  | 675677  | 1023222 | 33.26%  | 4.467%  |
| 92  | 17.719 | 2488 | 2490 | 2494 | rVB5 | 17490   | 17981   | 0.58%   | 0.078%  |
| 93  | 18.124 | 2552 | 2559 | 2567 | rBV6 | 111577  | 279100  | 9.07%   | 1.218%  |
| 94  | 18.301 | 2585 | 2589 | 2592 | rVB4 | 41679   | 66443   | 2.16%   | 0.290%  |
| 95  | 18.547 | 2629 | 2631 | 2636 | rVB6 | 32636   | 33149   | 1.08%   | 0.145%  |
| 96  | 18.694 | 2652 | 2656 | 2661 | rVB  | 92616   | 123106  | 4.00%   | 0.537%  |
| 97  | 19.288 | 2752 | 2757 | 2761 | rVB  | 430271  | 591802  | 19.24%  | 2.583%  |
| 98  | 19.617 | 2808 | 2813 | 2817 | rBV  | 711720  | 1151541 | 37.43%  | 5.027%  |
| 99  | 21.473 | 3123 | 3129 | 3135 | rBV  | 1757109 | 3076654 | 100.00% | 13.431% |
| 100 | 24.511 | 3639 | 3646 | 3657 | rVB  | 1086576 | 2822825 | 91.75%  | 12.323% |

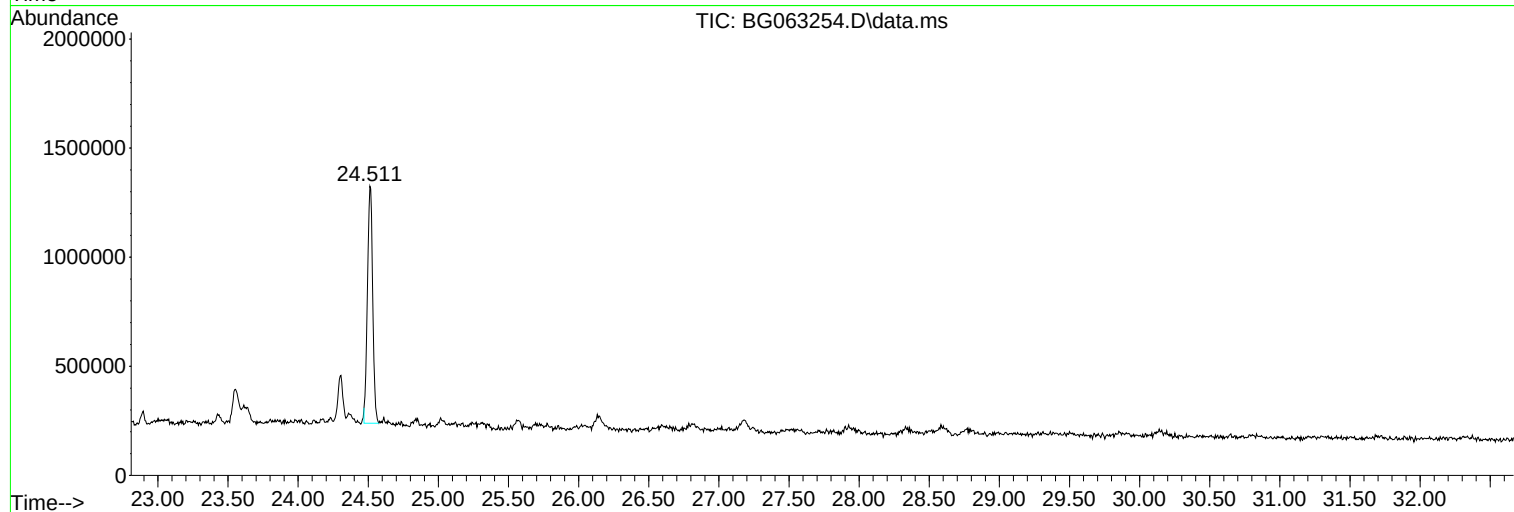
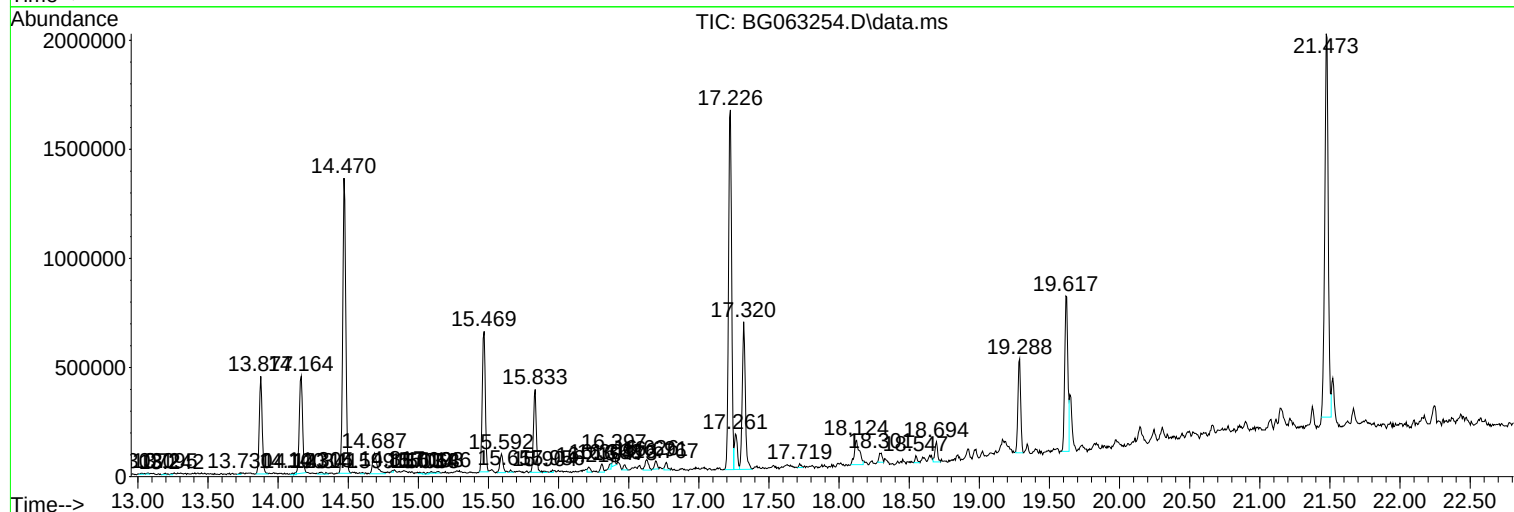
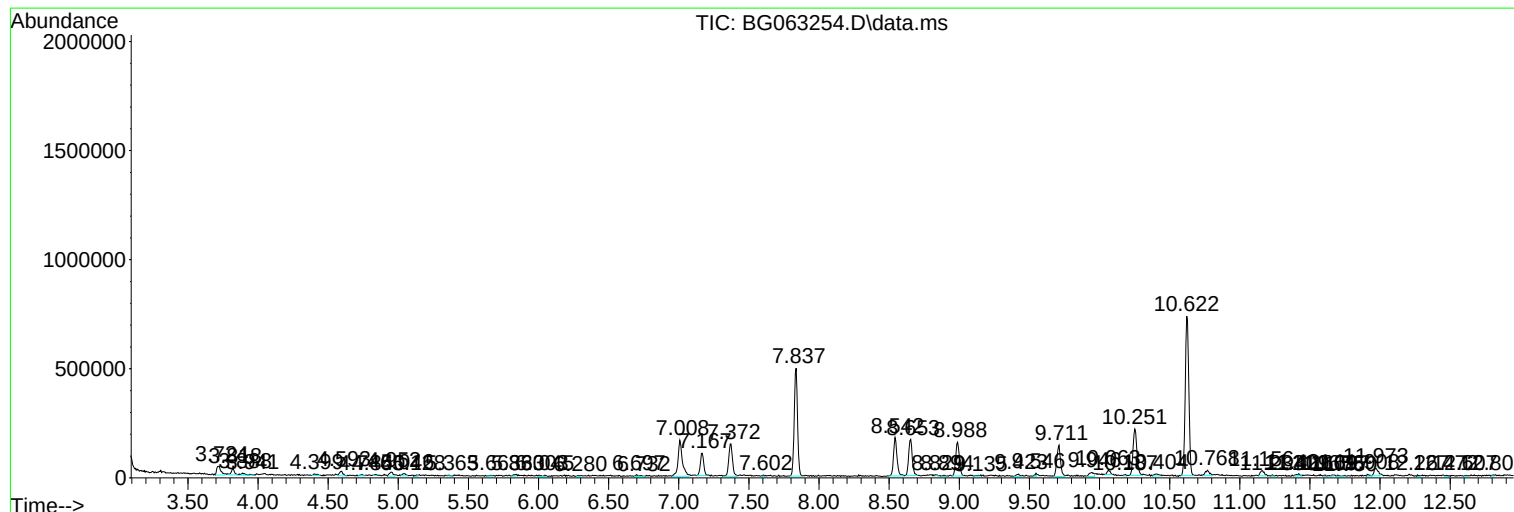
Sum of corrected areas: 22907312

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION

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



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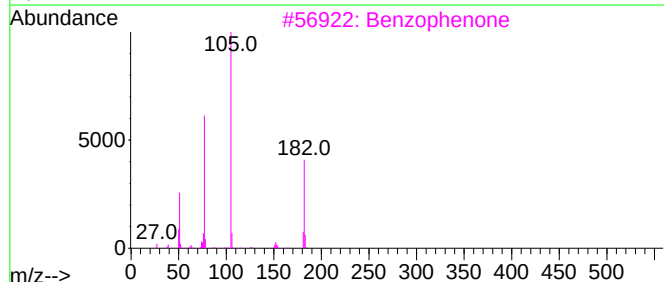
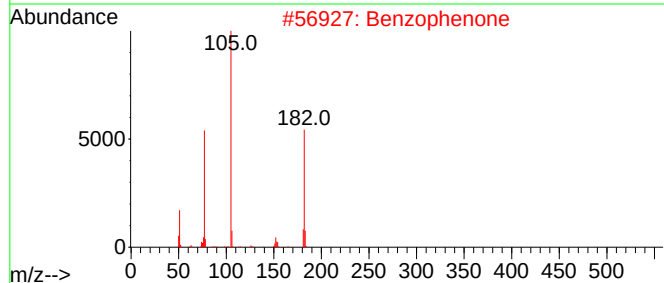
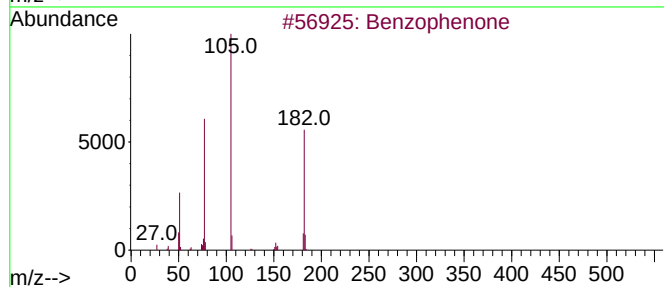
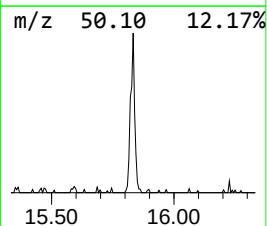
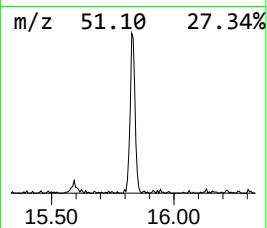
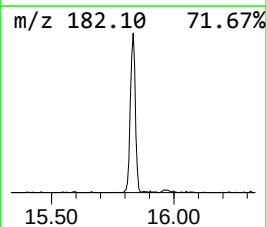
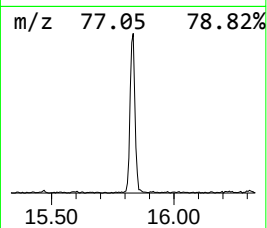
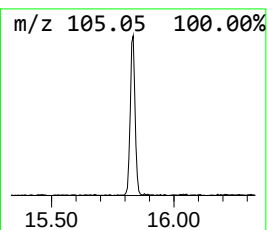
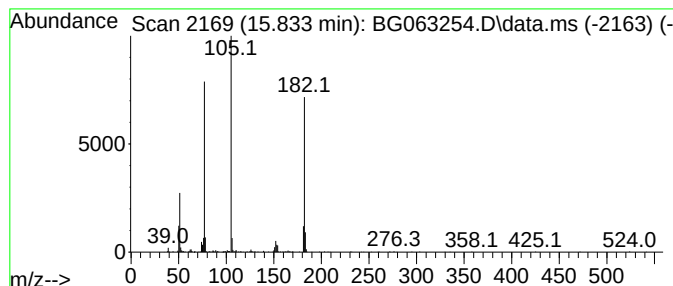
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 15.833 | 5.28 ng/ul | 537921 | Acenaphthene-d10 | 14.470 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 89   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 87   |



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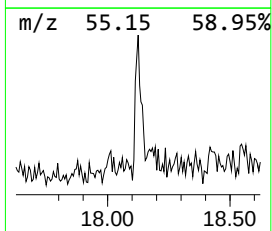
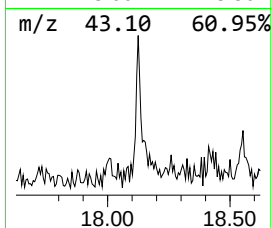
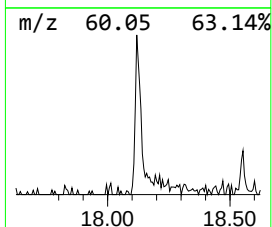
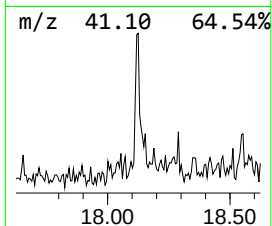
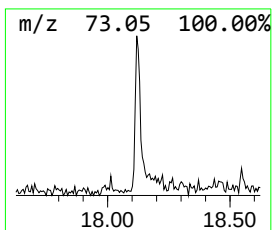
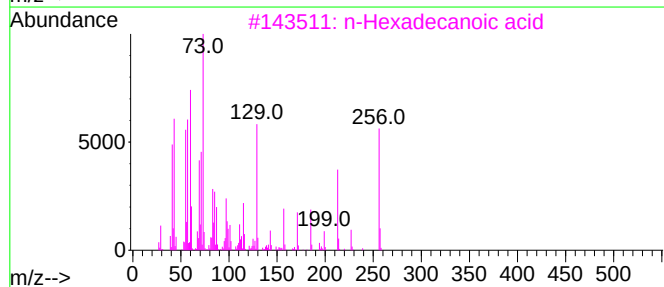
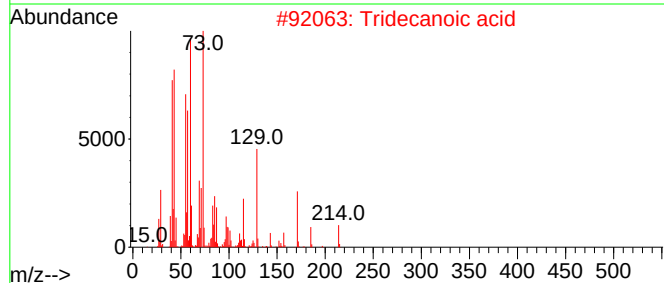
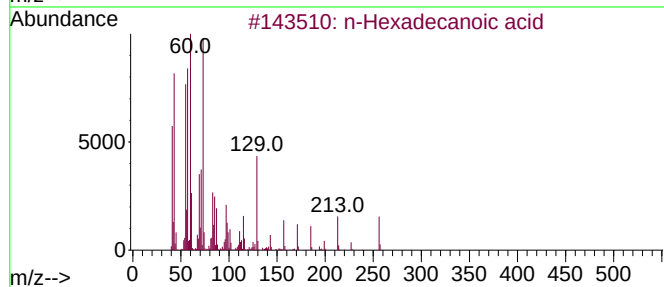
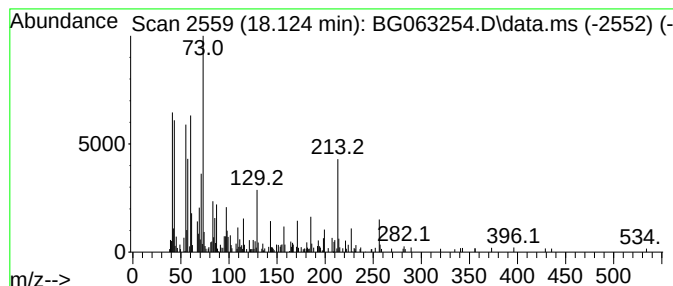
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.125 | 2.21 ng/ul | 279100 | Phenanthrene-d10 | 17.226 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 55   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 50   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110824\  
Data File : BG063254.D  
Acq On : 9 Nov 2024 7:55  
Operator : RC/JU  
Sample : P4582-05  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4EF0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.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 |
| Benzophenone       | 15.833 | 5.3     | ng/u1 | 537921   | 3                     | 14.470 | 2037840 | 20.0 |
| n-Hexadecanoic ... | 18.125 | 2.2     | ng/u1 | 279100   | 4                     | 17.226 | 2531520 | 20.0 |