

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
Data File : BG063851.D  
Acq On : 27 Dec 2024 1:48  
Operator : RC/JU  
Sample : P5324-10  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YE695

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BG121124.MA.M

Title : SVOA CALIBRATION

Signal : TIC: BG063851.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         | 3.664       | 94            | 98          | 110          | rBV      | 329855         | 552717        | 18.87%          | 1.825%        |
| 2         | 4.222       | 191           | 193         | 195          | rBV2     | 9814           | 5562          | 0.19%           | 0.018%        |
| 3         | 5.286       | 372           | 374         | 377          | rBV2     | 8920           | 7118          | 0.24%           | 0.024%        |
| 4         | 6.044       | 501           | 503         | 504          | rBV      | 6714           | 4592          | 0.16%           | 0.015%        |
| 5         | 6.478       | 575           | 577         | 580          | rBV3     | 5335           | 7692          | 0.26%           | 0.025%        |
| 6         | 6.984       | 657           | 663         | 675          | rVB      | 384863         | 667615        | 22.79%          | 2.205%        |
| 7         | 7.131       | 682           | 688         | 699          | rVB      | 304122         | 521318        | 17.79%          | 1.722%        |
| 8         | 7.336       | 713           | 723         | 733          | rBV      | 347961         | 631626        | 21.56%          | 2.086%        |
| 9         | 7.407       | 733           | 735         | 737          | rVB      | 7980           | 6326          | 0.22%           | 0.021%        |
| 10        | 7.718       | 786           | 788         | 790          | rBV2     | 7619           | 6589          | 0.22%           | 0.022%        |
| 11        | 7.794       | 795           | 801         | 810          | rVB      | 363867         | 610128        | 20.82%          | 2.015%        |
| 12        | 7.865       | 810           | 813         | 814          | rBV2     | 10134          | 10316         | 0.35%           | 0.034%        |
| 13        | 8.000       | 834           | 836         | 840          | rBV2     | 5145           | 7998          | 0.27%           | 0.026%        |
| 14        | 8.194       | 867           | 869         | 872          | rBV      | 6141           | 6224          | 0.21%           | 0.021%        |
| 15        | 8.347       | 894           | 895         | 897          | rBV      | 8477           | 5265          | 0.18%           | 0.017%        |
| 16        | 8.517       | 917           | 924         | 931          | rBV      | 465707         | 804827        | 27.47%          | 2.658%        |
| 17        | 8.605       | 938           | 939         | 943          | rBV2     | 8476           | 6606          | 0.23%           | 0.022%        |
| 18        | 8.764       | 964           | 966         | 967          | rBV      | 8534           | 4707          | 0.16%           | 0.016%        |
| 19        | 8.899       | 986           | 989         | 990          | rBV      | 7861           | 7795          | 0.27%           | 0.026%        |
| 20        | 8.952       | 991           | 998         | 1007         | rVV      | 383620         | 664017        | 22.66%          | 2.193%        |
| 21        | 9.375       | 1065          | 1070        | 1075         | rVB5     | 13648          | 27009         | 0.92%           | 0.089%        |
| 22        | 9.510       | 1089          | 1093        | 1100         | rVB2     | 35717          | 55587         | 1.90%           | 0.184%        |
| 23        | 9.675       | 1114          | 1121        | 1129         | rBV      | 307275         | 548422        | 18.72%          | 1.811%        |
| 24        | 9.869       | 1150          | 1154        | 1156         | rVB2     | 6234           | 6319          | 0.22%           | 0.021%        |
| 25        | 9.915       | 1160          | 1162        | 1165         | rBV2     | 6016           | 4712          | 0.16%           | 0.016%        |
| 26        | 10.109      | 1192          | 1195        | 1196         | rBV2     | 7624           | 5475          | 0.19%           | 0.018%        |
| 27        | 10.221      | 1206          | 1214        | 1225         | rBV      | 439910         | 822319        | 28.07%          | 2.716%        |
| 28        | 10.585      | 1268          | 1276        | 1283         | rVB      | 505813         | 877880        | 29.96%          | 2.899%        |
| 29        | 10.726      | 1293          | 1300        | 1314         | rBV2     | 400002         | 793546        | 27.09%          | 2.621%        |
| 30        | 11.002      | 1345          | 1347        | 1350         | rBV2     | 4737           | 5279          | 0.18%           | 0.017%        |
| 31        | 11.243      | 1386          | 1388        | 1390         | rBV      | 7251           | 7165          | 0.24%           | 0.024%        |
| 32        | 11.331      | 1400          | 1403        | 1404         | rBV      | 4886           | 4556          | 0.16%           | 0.015%        |
| 33        | 11.913      | 1500          | 1502        | 1505         | rVB      | 5116           | 4795          | 0.16%           | 0.016%        |
| 34        | 12.025      | 1517          | 1521        | 1523         | rVB4     | 9916           | 12513         | 0.43%           | 0.041%        |
| 35        | 12.136      | 1537          | 1540        | 1542         | rBV2     | 4435           | 5057          | 0.17%           | 0.017%        |
| 36        | 12.183      | 1544          | 1548        | 1550         | rVV2     | 11239          | 14803         | 0.51%           | 0.049%        |

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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 | 12.201 | 1550 | 1551 | 1554 | rVV  | 9984    | 8712    | 0.30%  | 0.029% |
| 38 | 12.254 | 1558 | 1560 | 1564 | rVB4 | 5475    | 5884    | 0.20%  | 0.019% |
| 39 | 12.354 | 1574 | 1577 | 1580 | rBV3 | 5207    | 6419    | 0.22%  | 0.021% |
| 40 | 12.518 | 1601 | 1605 | 1608 | rBV2 | 4445    | 6539    | 0.22%  | 0.022% |
| 41 | 12.630 | 1621 | 1624 | 1628 | rBV2 | 4186    | 5899    | 0.20%  | 0.019% |
| 42 | 12.930 | 1672 | 1675 | 1678 | rVB2 | 6516    | 7743    | 0.26%  | 0.026% |
| 43 | 12.965 | 1678 | 1681 | 1682 | rBV2 | 6572    | 6184    | 0.21%  | 0.020% |
| 44 | 13.124 | 1705 | 1708 | 1711 | rBV2 | 3972    | 5191    | 0.18%  | 0.017% |
| 45 | 13.259 | 1726 | 1731 | 1735 | rVB2 | 16498   | 26077   | 0.89%  | 0.086% |
| 46 | 13.347 | 1743 | 1746 | 1750 | rBV4 | 4300    | 8008    | 0.27%  | 0.026% |
| 47 | 13.429 | 1758 | 1760 | 1762 | rVB3 | 6019    | 4688    | 0.16%  | 0.015% |
| 48 | 13.535 | 1774 | 1778 | 1780 | rBV  | 7959    | 8106    | 0.28%  | 0.027% |
| 49 | 13.594 | 1784 | 1788 | 1789 | rBV2 | 3604    | 4853    | 0.17%  | 0.016% |
| 50 | 13.652 | 1797 | 1798 | 1801 | rBV  | 5546    | 4767    | 0.16%  | 0.016% |
| 51 | 13.746 | 1813 | 1814 | 1818 | rVB  | 6010    | 5526    | 0.19%  | 0.018% |
| 52 | 13.846 | 1825 | 1831 | 1841 | rBV  | 892303  | 1301960 | 44.44% | 4.300% |
| 53 | 13.928 | 1843 | 1845 | 1847 | rVB  | 6496    | 6502    | 0.22%  | 0.021% |
| 54 | 13.952 | 1847 | 1849 | 1852 | rBV2 | 6731    | 7246    | 0.25%  | 0.024% |
| 55 | 14.052 | 1860 | 1866 | 1868 | rVB2 | 5842    | 10815   | 0.37%  | 0.036% |
| 56 | 14.128 | 1871 | 1879 | 1887 | rBV2 | 987725  | 1588077 | 54.20% | 5.245% |
| 57 | 14.334 | 1913 | 1914 | 1917 | rBV3 | 6693    | 5159    | 0.18%  | 0.017% |
| 58 | 14.440 | 1925 | 1932 | 1941 | rBV  | 874000  | 1343384 | 45.85% | 4.437% |
| 59 | 14.616 | 1960 | 1962 | 1963 | rBV  | 4697    | 4772    | 0.16%  | 0.016% |
| 60 | 14.675 | 1966 | 1972 | 1986 | rVV2 | 238672  | 527160  | 17.99% | 1.741% |
| 61 | 14.916 | 2011 | 2013 | 2015 | rVB2 | 6346    | 4955    | 0.17%  | 0.016% |
| 62 | 14.945 | 2015 | 2018 | 2020 | rBV  | 6607    | 5016    | 0.17%  | 0.017% |
| 63 | 15.062 | 2034 | 2038 | 2040 | rBV2 | 4642    | 6172    | 0.21%  | 0.020% |
| 64 | 15.256 | 2068 | 2071 | 2072 | rBV3 | 5594    | 6116    | 0.21%  | 0.020% |
| 65 | 15.438 | 2095 | 2102 | 2109 | rBV  | 1273992 | 1967531 | 67.16% | 6.498% |
| 66 | 15.574 | 2119 | 2125 | 2139 | rBV  | 263477  | 456590  | 15.58% | 1.508% |
| 67 | 15.715 | 2147 | 2149 | 2151 | rVB2 | 6957    | 5418    | 0.18%  | 0.018% |
| 68 | 15.756 | 2151 | 2156 | 2158 | rBV5 | 4495    | 8334    | 0.28%  | 0.028% |
| 69 | 15.797 | 2158 | 2163 | 2171 | rVV  | 412395  | 601213  | 20.52% | 1.986% |
| 70 | 15.950 | 2185 | 2189 | 2192 | rBV2 | 5495    | 7415    | 0.25%  | 0.024% |
| 71 | 16.126 | 2217 | 2219 | 2220 | rBV  | 7069    | 4749    | 0.16%  | 0.016% |
| 72 | 16.314 | 2249 | 2251 | 2253 | rBV3 | 6448    | 7680    | 0.26%  | 0.025% |
| 73 | 16.402 | 2263 | 2266 | 2267 | rBV2 | 6457    | 7143    | 0.24%  | 0.024% |
| 74 | 16.437 | 2270 | 2272 | 2274 | rVB2 | 5283    | 5613    | 0.19%  | 0.019% |
| 75 | 16.713 | 2318 | 2319 | 2324 | rBV4 | 6062    | 7273    | 0.25%  | 0.024% |
| 76 | 16.778 | 2326 | 2330 | 2331 | rBV3 | 6178    | 7806    | 0.27%  | 0.026% |

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Integrator: RTE

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Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 16.825 | 2336 | 2338 | 2339 | rBV  | 10256   | 7936    | 0.27%   | 0.026% |
| 78  | 16.843 | 2339 | 2341 | 2342 | rBV2 | 7164    | 5257    | 0.18%   | 0.017% |
| 79  | 16.866 | 2344 | 2345 | 2347 | rBV  | 8088    | 4956    | 0.17%   | 0.016% |
| 80  | 17.107 | 2384 | 2386 | 2388 | rVB2 | 8344    | 6885    | 0.23%   | 0.023% |
| 81  | 17.189 | 2394 | 2400 | 2409 | rBV2 | 1149975 | 1782920 | 60.85%  | 5.888% |
| 82  | 17.289 | 2411 | 2417 | 2430 | rVB  | 1600759 | 2381636 | 81.29%  | 7.865% |
| 83  | 17.548 | 2460 | 2461 | 2464 | rBV2 | 5365    | 5735    | 0.20%   | 0.019% |
| 84  | 17.577 | 2464 | 2466 | 2469 | rVB4 | 8435    | 7509    | 0.26%   | 0.025% |
| 85  | 17.836 | 2508 | 2510 | 2512 | rVB3 | 5642    | 4855    | 0.17%   | 0.016% |
| 86  | 17.918 | 2523 | 2524 | 2526 | rBV  | 6851    | 5592    | 0.19%   | 0.018% |
| 87  | 17.953 | 2528 | 2530 | 2532 | rVV3 | 7126    | 5486    | 0.19%   | 0.018% |
| 88  | 18.094 | 2550 | 2554 | 2561 | rBV7 | 38126   | 80284   | 2.74%   | 0.265% |
| 89  | 18.511 | 2622 | 2625 | 2629 | rVB6 | 10052   | 11110   | 0.38%   | 0.037% |
| 90  | 18.611 | 2640 | 2642 | 2643 | rVB2 | 11753   | 6221    | 0.21%   | 0.021% |
| 91  | 18.693 | 2654 | 2656 | 2658 | rBV2 | 8407    | 6705    | 0.23%   | 0.022% |
| 92  | 19.158 | 2730 | 2735 | 2738 | rBV5 | 28710   | 38866   | 1.33%   | 0.128% |
| 93  | 19.228 | 2743 | 2747 | 2753 | rBV  | 25983   | 35909   | 1.23%   | 0.119% |
| 94  | 19.469 | 2787 | 2788 | 2789 | rBV  | 9515    | 4537    | 0.15%   | 0.015% |
| 95  | 19.592 | 2803 | 2809 | 2815 | rBV  | 2094603 | 2929825 | 100.00% | 9.676% |
| 96  | 20.767 | 3007 | 3009 | 3013 | rBV5 | 11268   | 14694   | 0.50%   | 0.049% |
| 97  | 21.102 | 3063 | 3066 | 3075 | rBV3 | 88965   | 168537  | 5.75%   | 0.557% |
| 98  | 21.443 | 3118 | 3124 | 3136 | rVB2 | 1333298 | 2090440 | 71.35%  | 6.904% |
| 99  | 24.252 | 3593 | 3602 | 3617 | rVB  | 993814  | 2647825 | 90.37%  | 8.744% |
| 100 | 24.457 | 3629 | 3637 | 3653 | rVB  | 847015  | 2273218 | 77.59%  | 7.507% |

Sum of corrected areas: 30280108

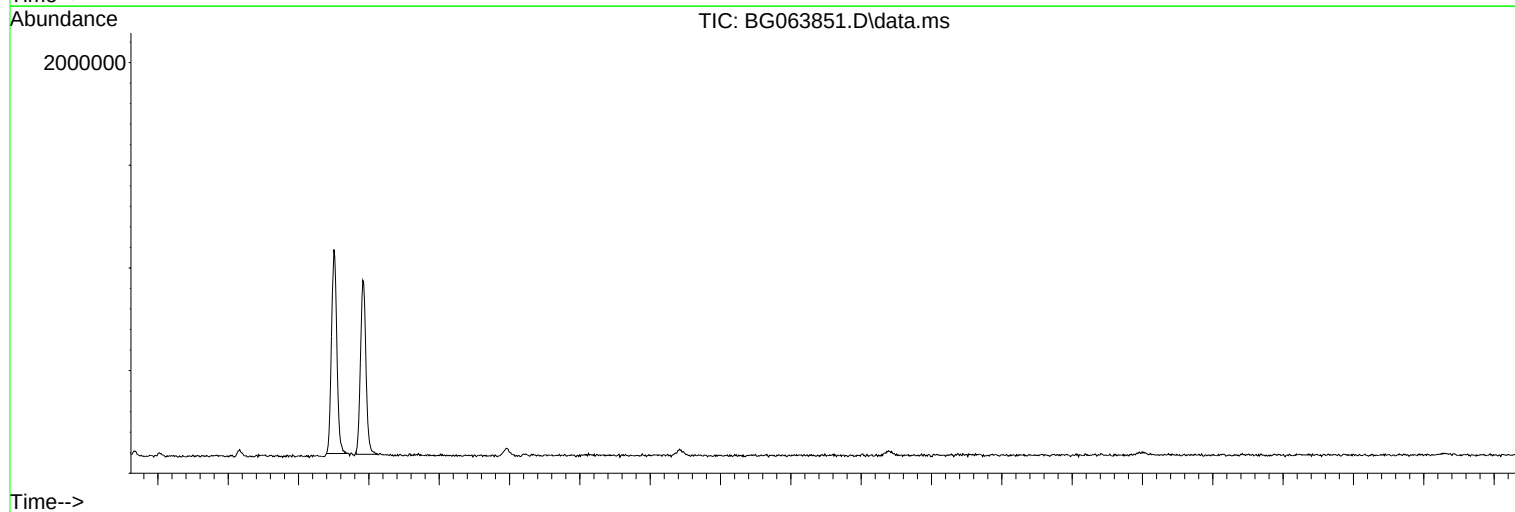
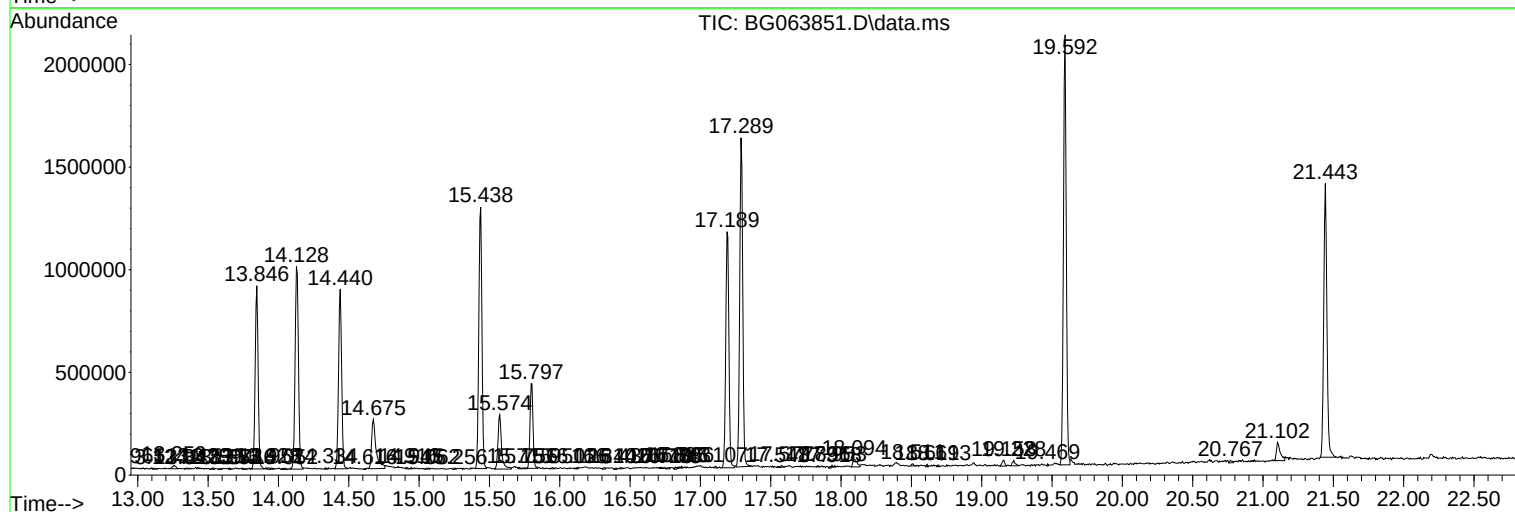
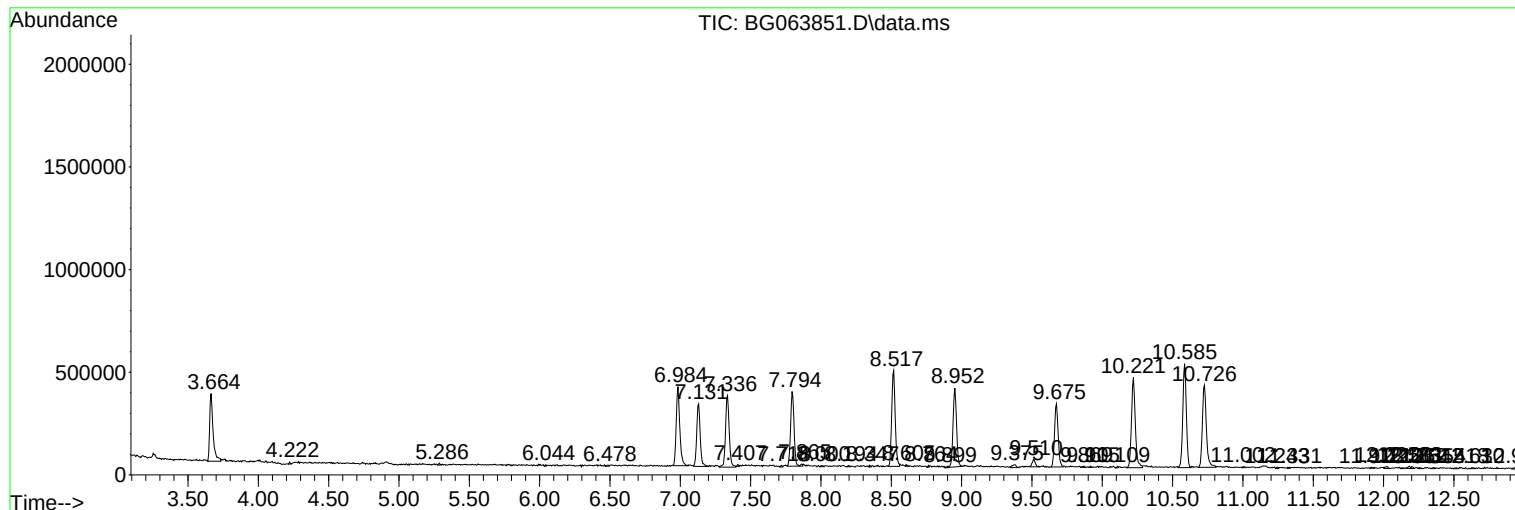
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122624\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121124.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P



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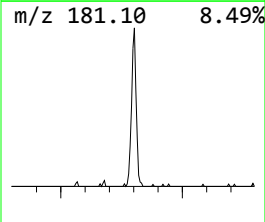
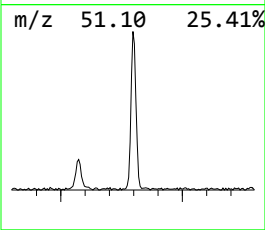
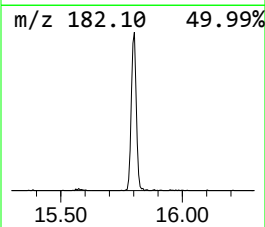
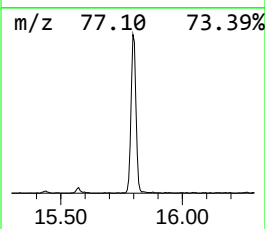
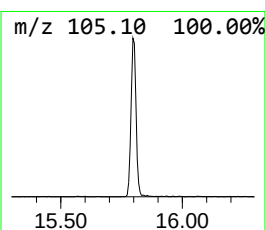
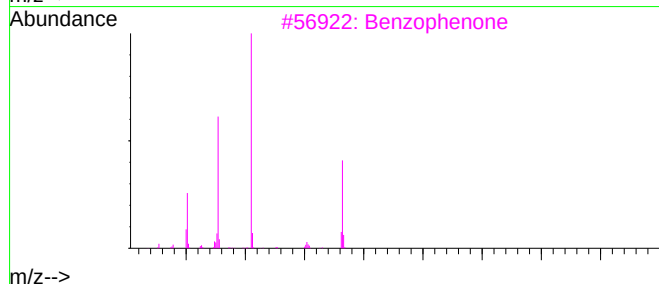
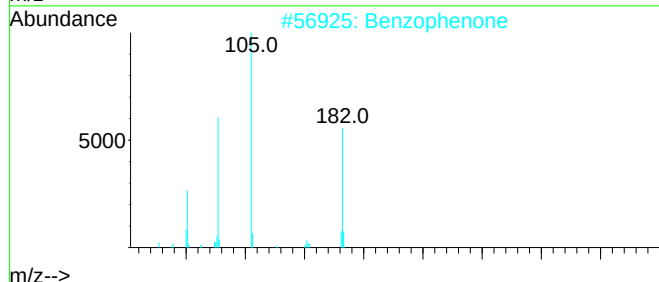
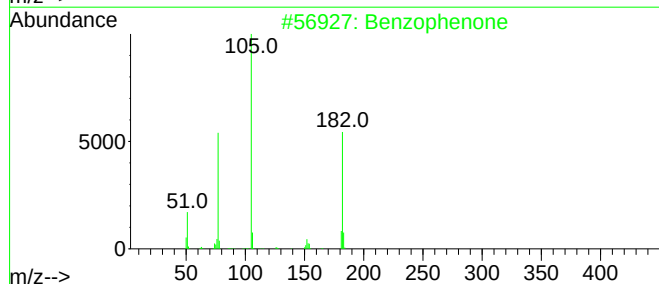
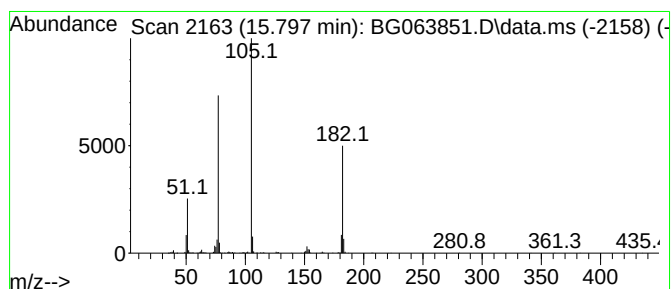
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.797 | 8.95 ng/ul | 601213 | Acenaphthene-d10 | 14.440 |

| Hit# of 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|-----------|--------------|-----|----------|-------------|------|
| 1         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 95   |
| 2         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 95   |
| 3         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 94   |
| 4         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 91   |
| 5         | Azobenzene   | 182 | C12H10N2 | 000103-33-3 | 64   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone     | 15.797 | 8.9     | ng/ul | 601213   | 3                     | 14.440 | 1343380 | 20.0 |