

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM093024\  
 Data File : BM047725.D  
 Acq On : 30 Sep 2024 20:32  
 Operator : RC/JU  
 Sample : P4018-19  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCE4

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\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM047725.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         | 3.258       | 42            | 46          | 53           | rVB      | 38297          | 53469         | 1.36%           | 0.124%        |
| 2         | 3.675       | 113           | 117         | 132          | rBV      | 470867         | 698647        | 17.78%          | 1.614%        |
| 3         | 4.005       | 170           | 173         | 182          | rVB3     | 19882          | 31112         | 0.79%           | 0.072%        |
| 4         | 4.075       | 182           | 185         | 188          | rBV5     | 3714           | 4780          | 0.12%           | 0.011%        |
| 5         | 4.605       | 272           | 275         | 278          | rBV4     | 3435           | 4841          | 0.12%           | 0.011%        |
| 6         | 4.922       | 325           | 329         | 336          | rBV8     | 6177           | 12859         | 0.33%           | 0.030%        |
| 7         | 5.834       | 480           | 484         | 487          | rBV5     | 4637           | 6528          | 0.17%           | 0.015%        |
| 8         | 6.387       | 575           | 578         | 582          | rBV5     | 2803           | 5384          | 0.14%           | 0.012%        |
| 9         | 6.975       | 671           | 678         | 689          | rBV      | 568408         | 888750        | 22.62%          | 2.054%        |
| 10        | 7.140       | 700           | 706         | 721          | rVB      | 447228         | 687701        | 17.51%          | 1.589%        |
| 11        | 7.346       | 732           | 741         | 750          | rBV      | 543534         | 859295        | 21.87%          | 1.986%        |
| 12        | 7.440       | 755           | 757         | 763          | rVB5     | 5633           | 7516          | 0.19%           | 0.017%        |
| 13        | 7.740       | 805           | 808         | 812          | rBV4     | 4353           | 7619          | 0.19%           | 0.018%        |
| 14        | 7.810       | 813           | 820         | 828          | rVV      | 971792         | 1521788       | 38.74%          | 3.516%        |
| 15        | 7.881       | 828           | 832         | 835          | rVV3     | 10674          | 20671         | 0.53%           | 0.048%        |
| 16        | 7.904       | 835           | 836         | 840          | rVV3     | 4199           | 4779          | 0.12%           | 0.011%        |
| 17        | 7.969       | 844           | 847         | 851          | rVB6     | 2333           | 4170          | 0.11%           | 0.010%        |
| 18        | 8.510       | 933           | 939         | 953          | rBV      | 676353         | 1101416       | 28.04%          | 2.545%        |
| 19        | 8.963       | 1008          | 1016        | 1026         | rBV      | 489636         | 817869        | 20.82%          | 1.890%        |
| 20        | 9.045       | 1027          | 1030        | 1033         | rVB4     | 5416           | 6168          | 0.16%           | 0.014%        |
| 21        | 9.134       | 1043          | 1045        | 1052         | rVB6     | 3674           | 6503          | 0.17%           | 0.015%        |
| 22        | 9.410       | 1089          | 1092        | 1095         | rVB5     | 3080           | 4168          | 0.11%           | 0.010%        |
| 23        | 9.528       | 1105          | 1112        | 1123         | rVB      | 51407          | 82448         | 2.10%           | 0.191%        |
| 24        | 9.687       | 1130          | 1139        | 1147         | rBV      | 390126         | 650001        | 16.55%          | 1.502%        |
| 25        | 10.104      | 1203          | 1210        | 1213         | rBV7     | 5252           | 10421         | 0.27%           | 0.024%        |
| 26        | 10.222      | 1222          | 1230        | 1241         | rBV      | 628870         | 1085009       | 27.62%          | 2.507%        |
| 27        | 10.398      | 1256          | 1260        | 1264         | rVB7     | 3055           | 5386          | 0.14%           | 0.012%        |
| 28        | 10.604      | 1287          | 1295        | 1304         | rBV      | 1283106        | 2141367       | 54.51%          | 4.948%        |
| 29        | 10.734      | 1309          | 1317        | 1331         | rBV      | 661977         | 1150952       | 29.30%          | 2.660%        |
| 30        | 11.145      | 1380          | 1387        | 1392         | rBV5     | 21537          | 38270         | 0.97%           | 0.088%        |
| 31        | 11.392      | 1426          | 1429        | 1431         | rBV4     | 3267           | 4307          | 0.11%           | 0.010%        |
| 32        | 12.192      | 1560          | 1565        | 1570         | rVB3     | 11016          | 18255         | 0.46%           | 0.042%        |
| 33        | 12.433      | 1602          | 1606        | 1609         | rBV      | 4127           | 4591          | 0.12%           | 0.011%        |
| 34        | 12.816      | 1664          | 1671        | 1672         | rBV7     | 4178           | 5329          | 0.14%           | 0.012%        |
| 35        | 12.928      | 1685          | 1690        | 1692         | rBV5     | 3111           | 5279          | 0.13%           | 0.012%        |
| 36        | 13.057      | 1708          | 1712        | 1719         | rVB5     | 5497           | 9998          | 0.25%           | 0.023%        |

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 ClientSampleId :  
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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\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 13.280 | 1745 | 1750 | 1757 | rBV5 | 6359    | 10382   | 0.26%   | 0.024% |
| 38 | 13.351 | 1757 | 1762 | 1767 | rVB2 | 12369   | 19582   | 0.50%   | 0.045% |
| 39 | 13.727 | 1821 | 1826 | 1828 | rBV4 | 2928    | 4088    | 0.10%   | 0.009% |
| 40 | 13.851 | 1839 | 1847 | 1856 | rBV  | 1220744 | 1638867 | 41.72%  | 3.787% |
| 41 | 13.986 | 1867 | 1870 | 1873 | rVB4 | 3331    | 4638    | 0.12%   | 0.011% |
| 42 | 14.133 | 1886 | 1895 | 1908 | rVB  | 1320359 | 1983063 | 50.48%  | 4.582% |
| 43 | 14.351 | 1928 | 1932 | 1937 | rVB3 | 17429   | 21558   | 0.55%   | 0.050% |
| 44 | 14.445 | 1939 | 1948 | 1955 | rBV  | 1876290 | 2794265 | 71.13%  | 6.457% |
| 45 | 14.627 | 1973 | 1979 | 1991 | rBV  | 317130  | 521730  | 13.28%  | 1.206% |
| 46 | 14.857 | 2014 | 2018 | 2021 | rVB6 | 5662    | 7652    | 0.19%   | 0.018% |
| 47 | 15.063 | 2050 | 2053 | 2058 | rVB4 | 8646    | 12448   | 0.32%   | 0.029% |
| 48 | 15.251 | 2080 | 2085 | 2091 | rBV6 | 7885    | 15308   | 0.39%   | 0.035% |
| 49 | 15.304 | 2091 | 2094 | 2098 | rVB5 | 6013    | 7477    | 0.19%   | 0.017% |
| 50 | 15.433 | 2109 | 2116 | 2124 | rBV  | 1717919 | 2447060 | 62.29%  | 5.654% |
| 51 | 15.545 | 2129 | 2135 | 2144 | rBV  | 296736  | 419103  | 10.67%  | 0.968% |
| 52 | 15.669 | 2154 | 2156 | 2161 | rBV4 | 6192    | 8270    | 0.21%   | 0.019% |
| 53 | 15.798 | 2172 | 2178 | 2185 | rBV  | 887190  | 1165660 | 29.67%  | 2.693% |
| 54 | 15.851 | 2185 | 2187 | 2191 | rVB3 | 5257    | 6865    | 0.17%   | 0.016% |
| 55 | 16.080 | 2220 | 2226 | 2228 | rBV6 | 2421    | 4937    | 0.13%   | 0.011% |
| 56 | 16.157 | 2236 | 2239 | 2243 | rBV6 | 4260    | 5553    | 0.14%   | 0.013% |
| 57 | 16.363 | 2267 | 2274 | 2280 | rVB2 | 26308   | 38577   | 0.98%   | 0.089% |
| 58 | 16.563 | 2304 | 2308 | 2310 | rBV4 | 5258    | 8161    | 0.21%   | 0.019% |
| 59 | 16.833 | 2348 | 2354 | 2364 | rBV3 | 58709   | 88653   | 2.26%   | 0.205% |
| 60 | 16.963 | 2371 | 2376 | 2381 | rVB6 | 5670    | 10712   | 0.27%   | 0.025% |
| 61 | 17.104 | 2397 | 2400 | 2404 | rVB5 | 3868    | 4679    | 0.12%   | 0.011% |
| 62 | 17.180 | 2406 | 2413 | 2423 | rBV  | 2335129 | 3229870 | 82.22%  | 7.463% |
| 63 | 17.280 | 2423 | 2430 | 2440 | rVV  | 1908578 | 2629709 | 66.94%  | 6.076% |
| 64 | 17.363 | 2442 | 2444 | 2448 | rVB5 | 10397   | 14348   | 0.37%   | 0.033% |
| 65 | 17.798 | 2513 | 2518 | 2524 | rBV4 | 44238   | 61751   | 1.57%   | 0.143% |
| 66 | 18.074 | 2560 | 2565 | 2574 | rVV2 | 132409  | 187352  | 4.77%   | 0.433% |
| 67 | 18.927 | 2706 | 2710 | 2714 | rBV4 | 16713   | 25471   | 0.65%   | 0.059% |
| 68 | 18.962 | 2714 | 2716 | 2720 | rVB5 | 7883    | 9075    | 0.23%   | 0.021% |
| 69 | 19.133 | 2741 | 2745 | 2748 | rBV3 | 24865   | 32429   | 0.83%   | 0.075% |
| 70 | 19.198 | 2753 | 2756 | 2761 | rBV2 | 27470   | 37641   | 0.96%   | 0.087% |
| 71 | 19.351 | 2778 | 2782 | 2787 | rBV4 | 29946   | 44937   | 1.14%   | 0.104% |
| 72 | 19.562 | 2813 | 2818 | 2825 | rBV  | 2447496 | 3101040 | 78.94%  | 7.166% |
| 73 | 21.080 | 3072 | 3076 | 3081 | rBV3 | 98943   | 157311  | 4.00%   | 0.363% |
| 74 | 21.403 | 3125 | 3131 | 3140 | rBV  | 2270581 | 3460424 | 88.09%  | 7.996% |
| 75 | 24.203 | 3598 | 3607 | 3621 | rVB  | 1267364 | 3140150 | 79.94%  | 7.256% |
| 76 | 24.409 | 3633 | 3642 | 3656 | rVB  | 1515317 | 3928370 | 100.00% | 9.077% |

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Instrument :  
BNA\_M  
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DDCE4

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\_M\Methods\SFAM-EPA-BM092724.MA.M  
Title : SVOA CALIBRATION

Sum of corrected areas: 43276812

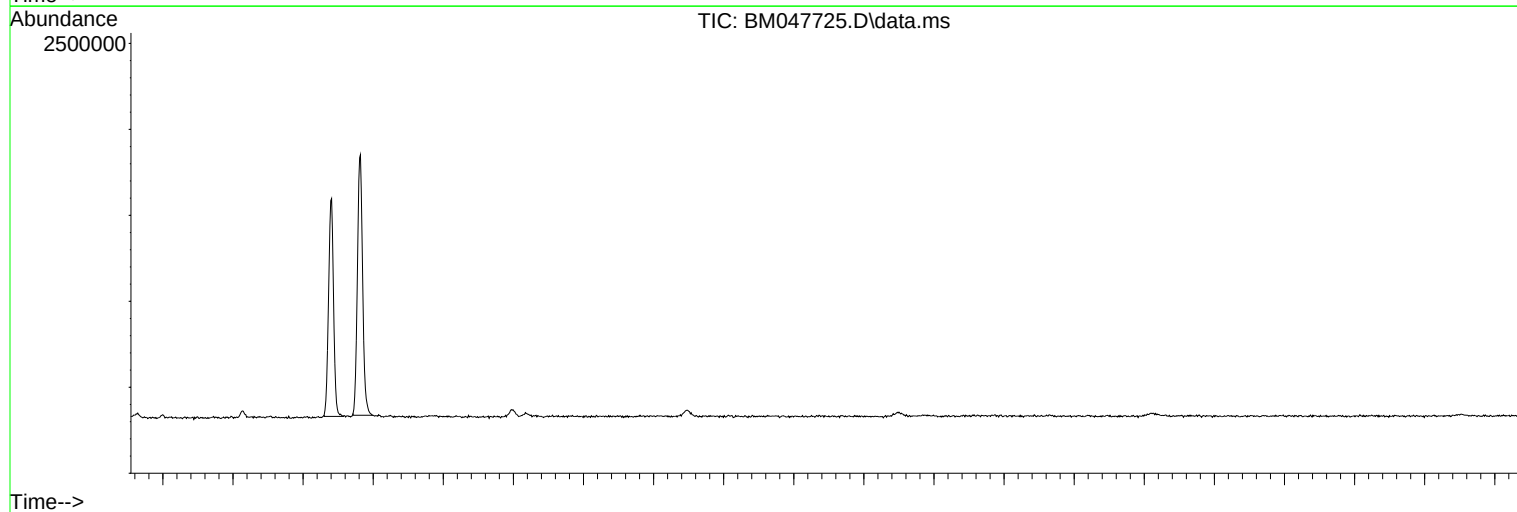
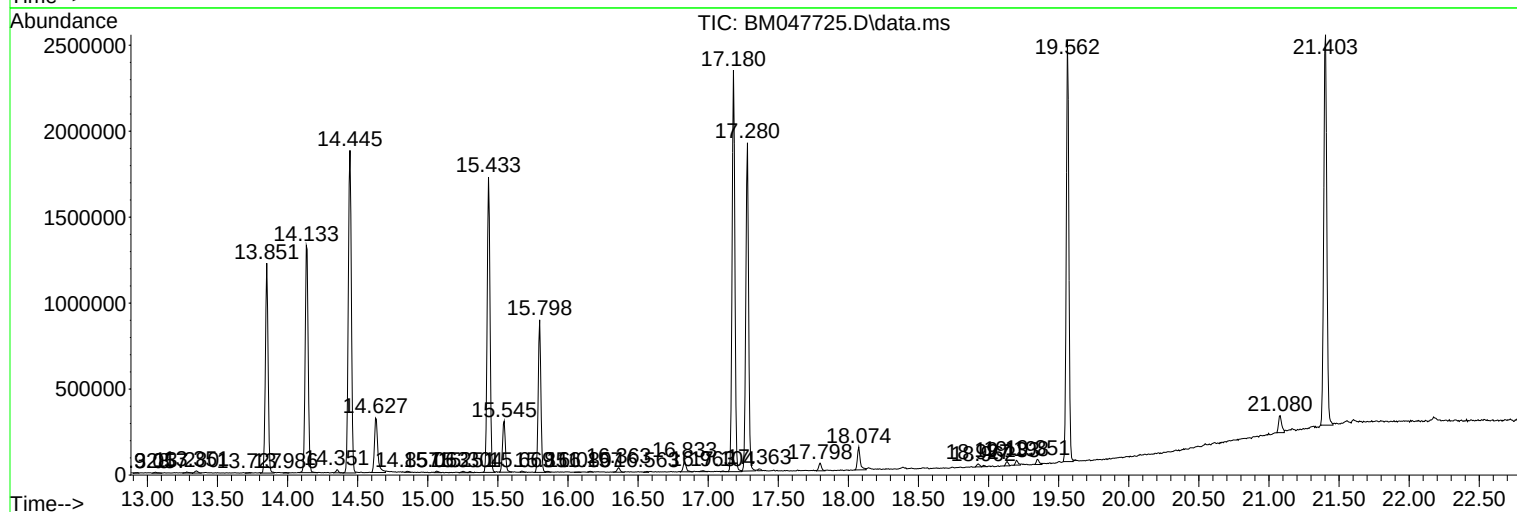
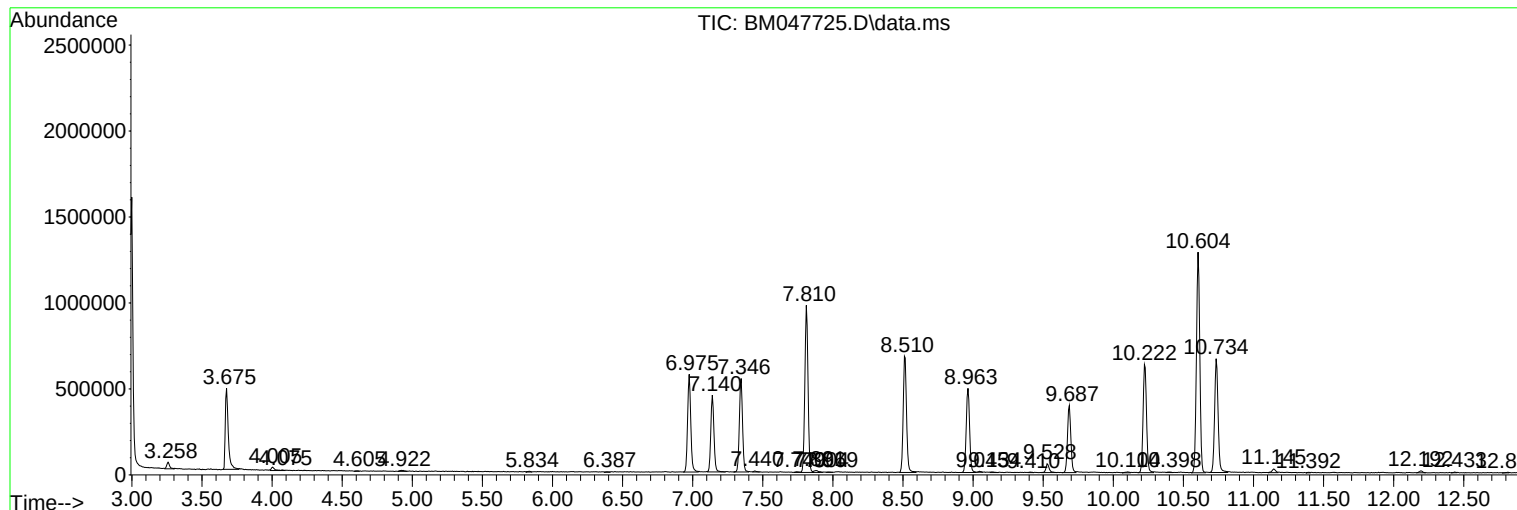
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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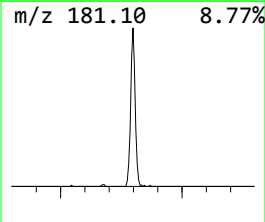
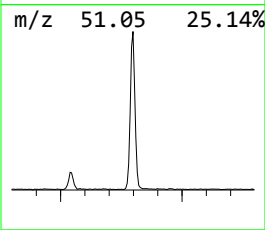
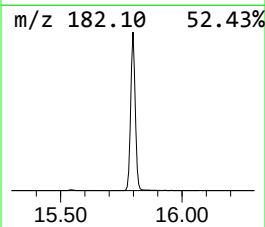
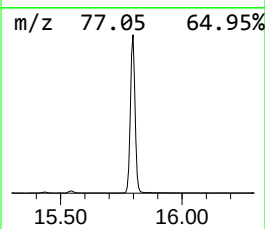
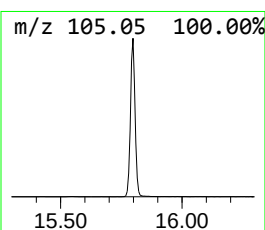
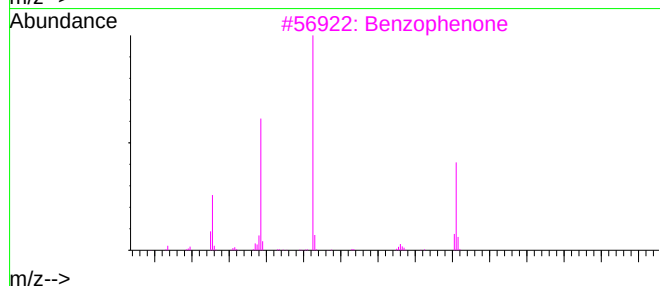
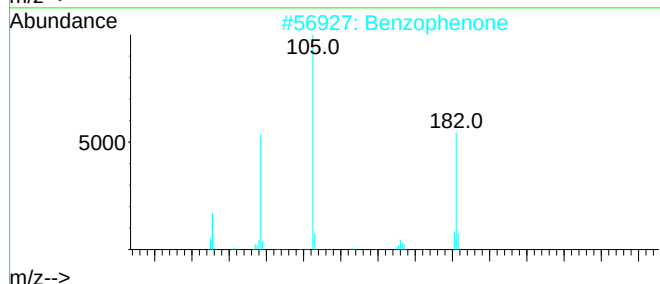
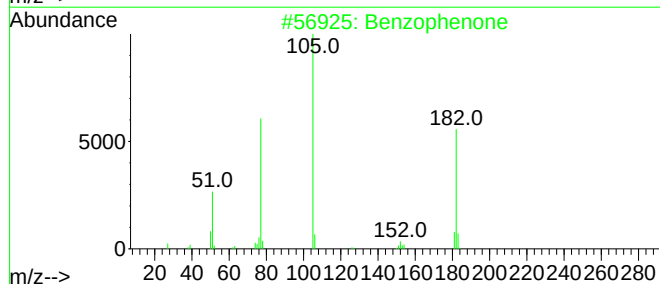
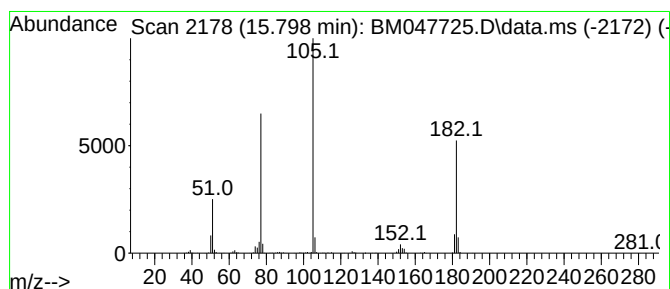
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 15.798 | 8.34 ng/ul | 1165660 | Acenaphthene-d10 | 14.445 |

| Hit# of 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|-----------|--------------|-----|----------|-------------|------|
| 1         | Benzophenone | 182 | C13H10O  | 000119-61-9 | 96   |
| 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 | 72   |



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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     | 15.798 | 8.3     | ng/ul | 1165660  | 3                     | 14.445 | 2794270 | 20.0 |