

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
 Data File : BG050068.D  
 Acq On : 31 Aug 2021 17:06  
 Operator : CG/JU  
 Sample : M3474-18  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD1

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-BG081921.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050068.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         | 3.220       | 29            | 31          | 32           | rBV      | 2151           | 1360          | 0.18%           | 0.020%        |
| 2         | 3.314       | 44            | 47          | 54           | rVB4     | 6112           | 9664          | 1.25%           | 0.142%        |
| 3         | 3.643       | 101           | 103         | 106          | rBV3     | 1527           | 1202          | 0.16%           | 0.018%        |
| 4         | 3.767       | 121           | 124         | 127          | rBV3     | 5689           | 7705          | 1.00%           | 0.113%        |
| 5         | 3.884       | 142           | 144         | 145          | rBV      | 1618           | 1197          | 0.15%           | 0.018%        |
| 6         | 3.919       | 148           | 150         | 153          | rBV3     | 1472           | 1395          | 0.18%           | 0.021%        |
| 7         | 4.084       | 174           | 178         | 179          | rBV3     | 2454           | 2735          | 0.35%           | 0.040%        |
| 8         | 4.207       | 197           | 199         | 201          | rBV2     | 1716           | 1270          | 0.16%           | 0.019%        |
| 9         | 4.231       | 201           | 203         | 206          | rBV2     | 1133           | 1108          | 0.14%           | 0.016%        |
| 10        | 4.401       | 230           | 232         | 236          | rBV4     | 880            | 1366          | 0.18%           | 0.020%        |
| 11        | 4.466       | 239           | 243         | 246          | rBV4     | 1680           | 1876          | 0.24%           | 0.028%        |
| 12        | 4.601       | 265           | 266         | 269          | rBV      | 1438           | 1660          | 0.21%           | 0.024%        |
| 13        | 4.695       | 280           | 282         | 285          | rBV3     | 1059           | 1183          | 0.15%           | 0.017%        |
| 14        | 4.736       | 287           | 289         | 293          | rBV3     | 1381           | 1586          | 0.20%           | 0.023%        |
| 15        | 5.029       | 333           | 339         | 346          | rBV      | 14606          | 26217         | 3.39%           | 0.385%        |
| 16        | 5.494       | 416           | 418         | 420          | rVB2     | 1273           | 1098          | 0.14%           | 0.016%        |
| 17        | 5.570       | 430           | 431         | 434          | rBV2     | 1130           | 1200          | 0.16%           | 0.018%        |
| 18        | 5.693       | 450           | 452         | 455          | rBV2     | 761            | 1208          | 0.16%           | 0.018%        |
| 19        | 5.811       | 469           | 472         | 475          | rVB      | 1029           | 1215          | 0.16%           | 0.018%        |
| 20        | 6.087       | 517           | 519         | 521          | rVB2     | 1566           | 1374          | 0.18%           | 0.020%        |
| 21        | 6.105       | 521           | 522         | 524          | rBV2     | 1518           | 1302          | 0.17%           | 0.019%        |
| 22        | 6.298       | 552           | 555         | 556          | rBV2     | 973            | 1125          | 0.15%           | 0.017%        |
| 23        | 6.457       | 579           | 582         | 583          | rVB      | 1403           | 1174          | 0.15%           | 0.017%        |
| 24        | 6.762       | 631           | 634         | 637          | rBV2     | 1234           | 1439          | 0.19%           | 0.021%        |
| 25        | 6.933       | 659           | 663         | 665          | rBV2     | 884            | 1228          | 0.16%           | 0.018%        |
| 26        | 6.980       | 668           | 671         | 673          | rVB2     | 1188           | 1156          | 0.15%           | 0.017%        |
| 27        | 7.068       | 682           | 686         | 690          | rVB2     | 3800           | 5543          | 0.72%           | 0.081%        |
| 28        | 7.138       | 692           | 698         | 706          | rVB2     | 43395          | 77100         | 9.96%           | 1.133%        |
| 29        | 7.279       | 717           | 722         | 730          | rVB      | 65454          | 110399        | 14.27%          | 1.623%        |
| 30        | 7.373       | 737           | 738         | 743          | rVB3     | 1527           | 1365          | 0.18%           | 0.020%        |
| 31        | 7.420       | 743           | 746         | 748          | rBV      | 1053           | 1450          | 0.19%           | 0.021%        |
| 32        | 7.497       | 752           | 759         | 767          | rBV      | 88802          | 158864        | 20.53%          | 2.335%        |
| 33        | 7.696       | 792           | 793         | 798          | rVB      | 1457           | 1248          | 0.16%           | 0.018%        |
| 34        | 7.961       | 831           | 838         | 845          | rBV      | 91926          | 153491        | 19.83%          | 2.256%        |
| 35        | 8.202       | 876           | 879         | 882          | rVB2     | 1076           | 1132          | 0.15%           | 0.017%        |
| 36        | 8.542       | 935           | 937         | 943          | rVB      | 1018           | 1348          | 0.17%           | 0.020%        |

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 Sample : M3474-18  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD1

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-BG081921.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 8.601  | 943  | 947  | 948  | rBV  | 1185   | 1245   | 0.16%  | 0.018%  |
| 38 | 8.683  | 955  | 961  | 972  | rVB2 | 86395  | 154315 | 19.94% | 2.268%  |
| 39 | 8.965  | 1005 | 1009 | 1010 | rBV2 | 886    | 1171   | 0.15%  | 0.017%  |
| 40 | 9.130  | 1029 | 1037 | 1047 | rBV  | 93173  | 172716 | 22.32% | 2.539%  |
| 41 | 9.259  | 1054 | 1059 | 1060 | rBV  | 1072   | 1321   | 0.17%  | 0.019%  |
| 42 | 9.523  | 1100 | 1104 | 1109 | rVB4 | 5365   | 7974   | 1.03%  | 0.117%  |
| 43 | 9.864  | 1154 | 1162 | 1170 | rBV2 | 86026  | 153183 | 19.79% | 2.251%  |
| 44 | 10.416 | 1249 | 1256 | 1267 | rBV  | 108794 | 208725 | 26.97% | 3.068%  |
| 45 | 10.781 | 1311 | 1318 | 1327 | rBV  | 123826 | 214356 | 27.70% | 3.151%  |
| 46 | 10.927 | 1335 | 1343 | 1350 | rBV  | 36155  | 69252  | 8.95%  | 1.018%  |
| 47 | 11.086 | 1368 | 1370 | 1372 | rBV  | 1162   | 1248   | 0.16%  | 0.018%  |
| 48 | 11.621 | 1459 | 1461 | 1464 | rBV2 | 958    | 1161   | 0.15%  | 0.017%  |
| 49 | 11.797 | 1489 | 1491 | 1494 | rVB  | 1418   | 1304   | 0.17%  | 0.019%  |
| 50 | 11.832 | 1494 | 1497 | 1500 | rBV  | 1228   | 1396   | 0.18%  | 0.021%  |
| 51 | 12.026 | 1525 | 1530 | 1536 | rBV4 | 3177   | 5548   | 0.72%  | 0.082%  |
| 52 | 12.296 | 1571 | 1576 | 1584 | rBV  | 32662  | 58074  | 7.50%  | 0.854%  |
| 53 | 12.378 | 1588 | 1590 | 1593 | rVB  | 1810   | 1763   | 0.23%  | 0.026%  |
| 54 | 13.019 | 1698 | 1699 | 1704 | rBV  | 762    | 1109   | 0.14%  | 0.016%  |
| 55 | 13.612 | 1798 | 1800 | 1803 | rVB2 | 1180   | 1101   | 0.14%  | 0.016%  |
| 56 | 13.682 | 1807 | 1812 | 1814 | rBV  | 745    | 1171   | 0.15%  | 0.017%  |
| 57 | 14.023 | 1863 | 1870 | 1877 | rBV  | 238784 | 355275 | 45.91% | 5.222%  |
| 58 | 14.317 | 1913 | 1920 | 1927 | rBV  | 257953 | 396102 | 51.18% | 5.822%  |
| 59 | 14.622 | 1966 | 1972 | 1980 | rVB  | 205570 | 309657 | 40.01% | 4.551%  |
| 60 | 14.863 | 2008 | 2013 | 2020 | rBV5 | 32301  | 66923  | 8.65%  | 0.984%  |
| 61 | 15.615 | 2135 | 2141 | 2149 | rVB  | 341584 | 523092 | 67.59% | 7.688%  |
| 62 | 15.756 | 2160 | 2165 | 2175 | rBV  | 84638  | 135789 | 17.55% | 1.996%  |
| 63 | 15.862 | 2179 | 2183 | 2186 | rVB3 | 1720   | 2367   | 0.31%  | 0.035%  |
| 64 | 17.154 | 2401 | 2403 | 2407 | rBV2 | 1282   | 1656   | 0.21%  | 0.024%  |
| 65 | 17.377 | 2435 | 2441 | 2447 | rVB  | 256367 | 369768 | 47.78% | 5.435%  |
| 66 | 17.477 | 2451 | 2458 | 2468 | rVV  | 473163 | 708568 | 91.56% | 10.414% |
| 67 | 17.654 | 2483 | 2488 | 2492 | rBV4 | 1755   | 3394   | 0.44%  | 0.050%  |
| 68 | 17.789 | 2508 | 2511 | 2513 | rVB  | 1193   | 1288   | 0.17%  | 0.019%  |
| 69 | 17.889 | 2525 | 2528 | 2531 | rVB  | 1172   | 1437   | 0.19%  | 0.021%  |
| 70 | 18.335 | 2602 | 2604 | 2607 | rBV4 | 1909   | 1696   | 0.22%  | 0.025%  |
| 71 | 18.358 | 2607 | 2608 | 2611 | rVB  | 1379   | 1179   | 0.15%  | 0.017%  |
| 72 | 18.582 | 2643 | 2646 | 2649 | rBV  | 915    | 1237   | 0.16%  | 0.018%  |
| 73 | 18.623 | 2649 | 2653 | 2654 | rVB  | 1537   | 1576   | 0.20%  | 0.023%  |
| 74 | 18.658 | 2657 | 2659 | 2661 | rBV  | 1580   | 1378   | 0.18%  | 0.020%  |
| 75 | 18.776 | 2677 | 2679 | 2680 | rBV  | 1646   | 1422   | 0.18%  | 0.021%  |
| 76 | 18.864 | 2693 | 2694 | 2697 | rBV  | 1214   | 1450   | 0.19%  | 0.021%  |

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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  
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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 77 | 18.952 | 2706 | 2709 | 2712 | rBV  | 1502   | 1939   | 0.25%   | 0.028%  |
| 78 | 19.016 | 2717 | 2720 | 2721 | rBV2 | 1971   | 1405   | 0.18%   | 0.021%  |
| 79 | 19.199 | 2750 | 2751 | 2755 | rBV3 | 1282   | 1344   | 0.17%   | 0.020%  |
| 80 | 19.234 | 2755 | 2757 | 2760 | rVB  | 2496   | 1458   | 0.19%   | 0.021%  |
| 81 | 19.334 | 2770 | 2774 | 2779 | rVB4 | 5992   | 9356   | 1.21%   | 0.138%  |
| 82 | 19.404 | 2779 | 2786 | 2789 | rBV2 | 8077   | 12174  | 1.57%   | 0.179%  |
| 83 | 19.498 | 2798 | 2802 | 2803 | rBV2 | 2159   | 2292   | 0.30%   | 0.034%  |
| 84 | 19.768 | 2842 | 2848 | 2854 | rVB  | 568557 | 773867 | 100.00% | 11.374% |
| 85 | 20.168 | 2914 | 2916 | 2918 | rVB3 | 3382   | 2782   | 0.36%   | 0.041%  |
| 86 | 20.191 | 2918 | 2920 | 2921 | rBV  | 1860   | 1230   | 0.16%   | 0.018%  |
| 87 | 20.397 | 2953 | 2955 | 2957 | rVB3 | 3282   | 1798   | 0.23%   | 0.026%  |
| 88 | 20.420 | 2957 | 2959 | 2961 | rBV3 | 3803   | 2773   | 0.36%   | 0.041%  |
| 89 | 20.802 | 3023 | 3024 | 3025 | rBV  | 4181   | 1787   | 0.23%   | 0.026%  |
| 90 | 21.654 | 3163 | 3169 | 3175 | rVB  | 222206 | 362121 | 46.79%  | 5.322%  |
| 91 | 22.882 | 3376 | 3378 | 3381 | rBV3 | 6751   | 5855   | 0.76%   | 0.086%  |
| 92 | 24.662 | 3671 | 3681 | 3691 | rVB2 | 259180 | 702952 | 90.84%  | 10.332% |
| 93 | 24.879 | 3709 | 3718 | 3728 | rVB2 | 133585 | 382934 | 49.48%  | 5.628%  |
| 94 | 26.694 | 4025 | 4027 | 4030 | rBV5 | 6189   | 5290   | 0.68%   | 0.078%  |

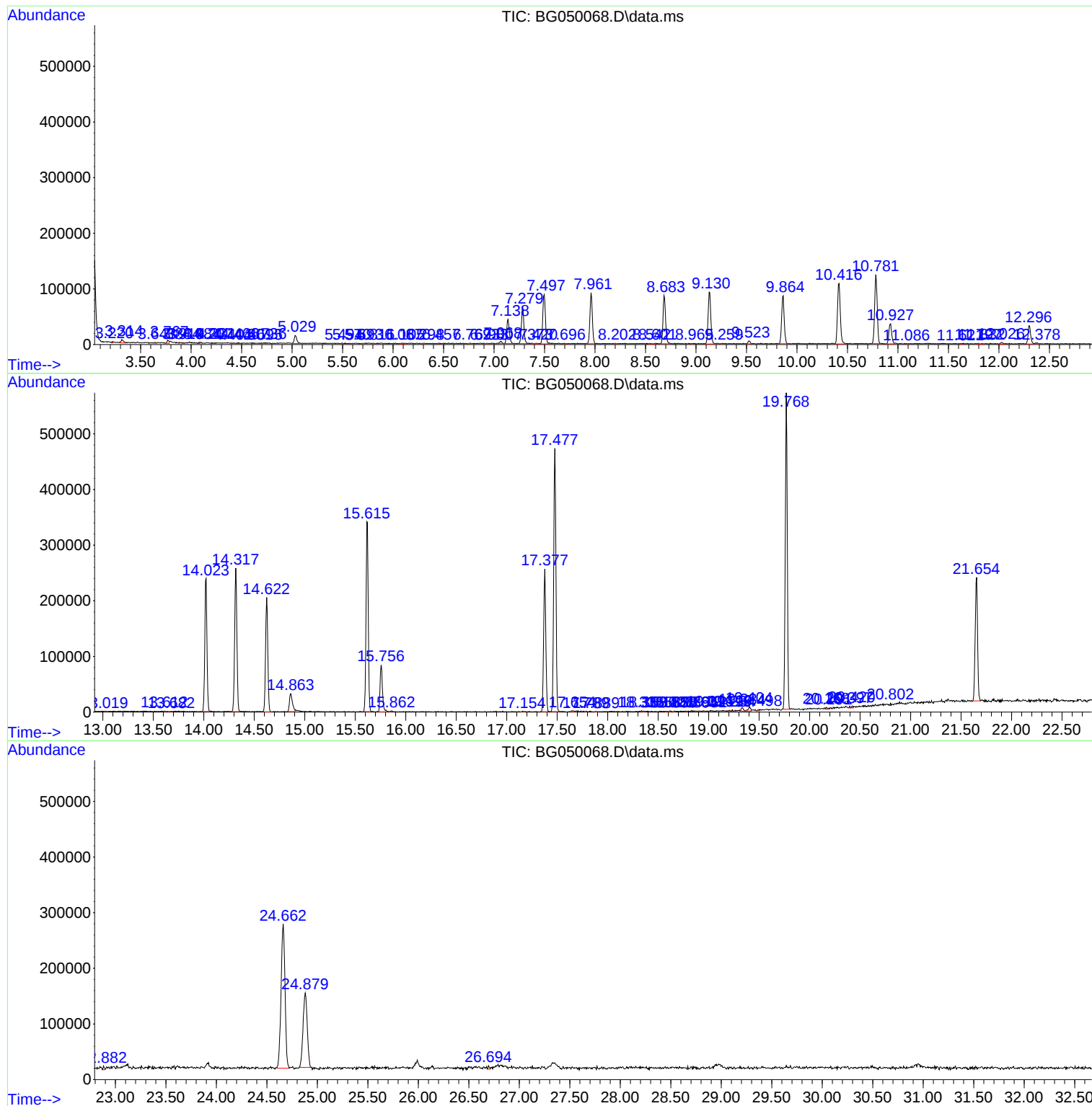
Sum of corrected areas: 6803727

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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050068.D  
Acq On : 31 Aug 2021 17:06  
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Sample : M3474-18  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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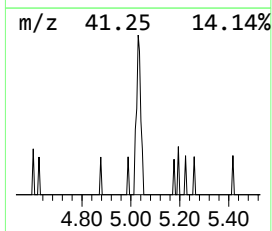
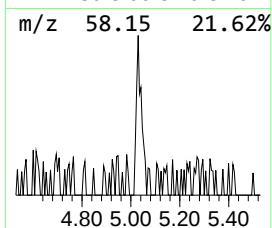
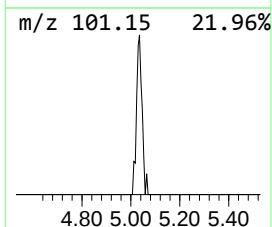
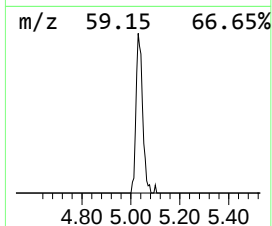
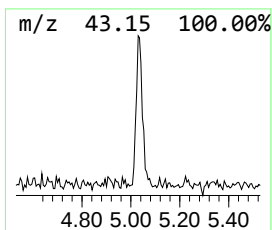
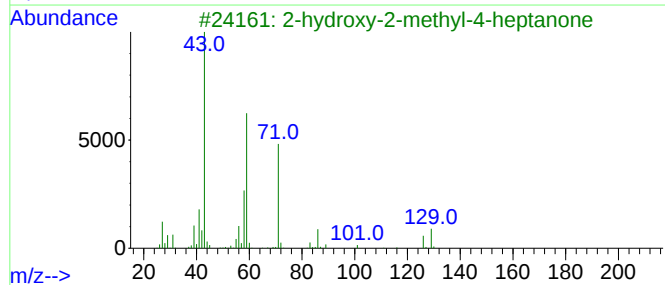
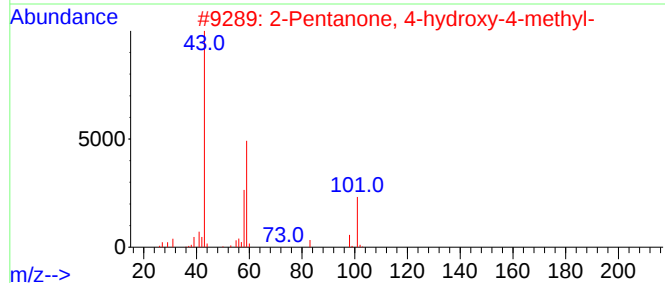
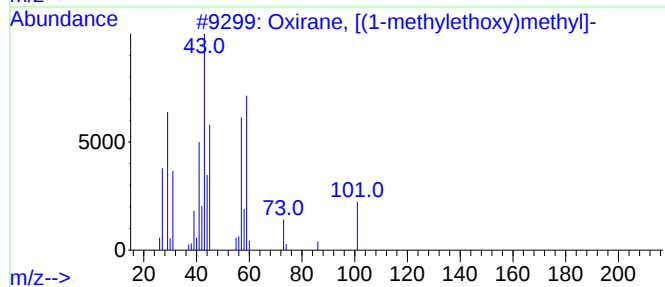
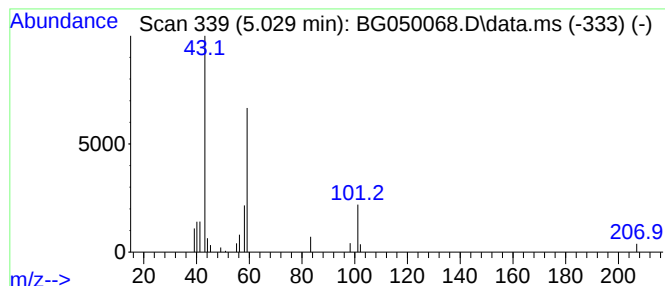
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.029 | 3.42 ng/ul | 26217 | 1,4-Dichlorobenzene-d4 | 7.961 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxirane, [(1-methylethoxy)methyl]-  | 116 | C6H12O2  | 004016-14-2  | 39   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2  | 36   |
| 3    |    |   | 2-hydroxy-2-methyl-4-heptanone      | 144 | C8H16O2  | 054862-91-8  | 33   |
| 4    |    |   | Succinic acid, 2-methoxyethyl te... | 372 | C21H40O5 | 1000325-81-3 | 33   |
| 5    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2  | 25   |



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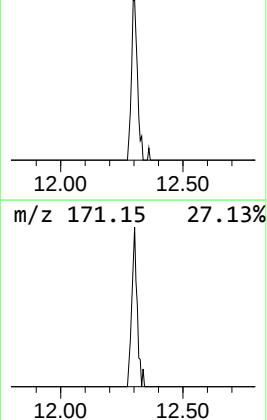
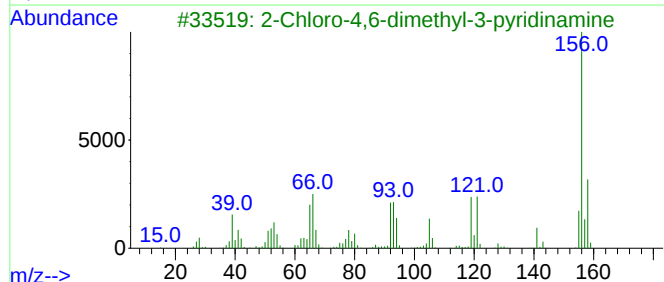
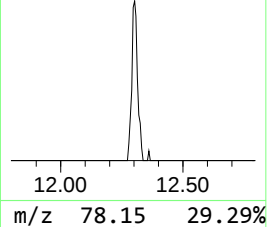
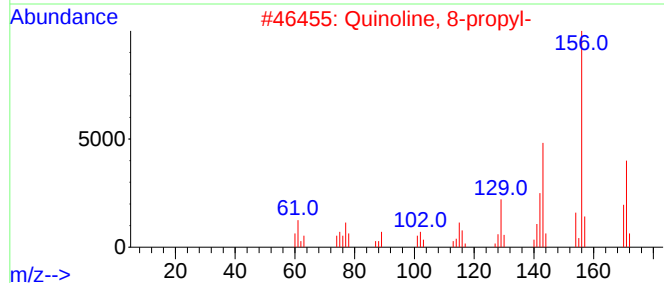
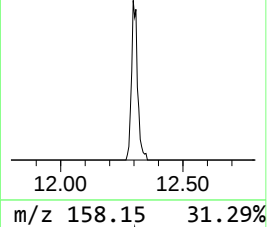
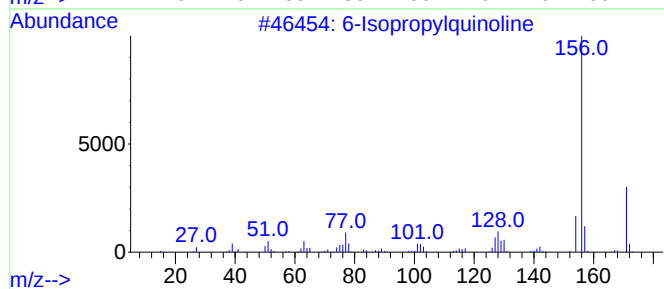
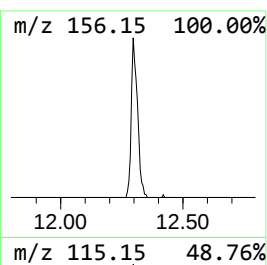
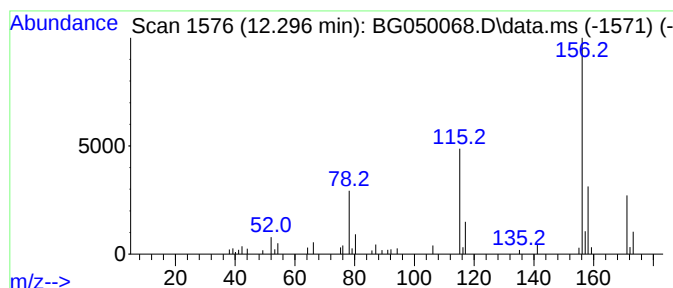
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown-02 Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 12.296 | 5.42 ng/ul | 58074 | Naphthalene-d8   | 10.781 |

| Hit# | of                                  | 5 | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|-------------------------------------|---|--------------|----------|-------------|------|------|
| 1    | 6-Isopropylquinoline                |   | 171          | C12H13N  | 000135-79-5 | 38   |      |
| 2    | Quinoline, 8-propyl-                |   | 171          | C12H13N  | 007661-53-2 | 32   |      |
| 3    | 2-Chloro-4,6-dimethyl-3-pyridina... |   | 156          | C7H9ClN2 | 140413-40-7 | 32   |      |
| 4    | Pyrimidine, 2-chloro-5-dimethyla... |   | 157          | C6H8ClN3 | 062802-43-1 | 32   |      |
| 5    | 2-Chloro-5-hydroxy-2,4,6-cyclohe... |   | 156          | C7H5ClO2 | 007009-16-7 | 32   |      |



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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 |
| unknown-01       | 5.029  | 3.4     | ng/u1 | 26217    | 1                     | 7.961  | 153491 | 20.0 |
| unknown-02       | 12.296 | 5.4     | ng/u1 | 58074    | 2                     | 10.781 | 214356 | 20.0 |