

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
 Data File : BN012063.D  
 Acq On : 05 Oct 2020 19:21  
 Operator : CG/JU  
 Sample : L4209-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLWS7

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\SOM-EPA-BN100220.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN012063.D

| 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         | 3.093       | 12            | 18          | 24           | rVV      | 105613         | 150677        | 2.33%           | 0.236%        |
| 2         | 3.193       | 32            | 35          | 44           | rVB      | 74440          | 99561         | 1.54%           | 0.156%        |
| 3         | 3.693       | 118           | 120         | 125          | rVB6     | 5525           | 6673          | 0.10%           | 0.010%        |
| 4         | 3.764       | 130           | 132         | 136          | rVB4     | 5768           | 6688          | 0.10%           | 0.010%        |
| 5         | 3.822       | 139           | 142         | 145          | rVB4     | 10923          | 12117         | 0.19%           | 0.019%        |
| 6         | 3.911       | 154           | 157         | 160          | rBV2     | 11369          | 12093         | 0.19%           | 0.019%        |
| 7         | 3.993       | 165           | 171         | 174          | rBV5     | 13353          | 19518         | 0.30%           | 0.031%        |
| 8         | 4.222       | 206           | 210         | 212          | rBV5     | 5464           | 7280          | 0.11%           | 0.011%        |
| 9         | 4.363       | 229           | 234         | 237          | rBV      | 43337          | 62966         | 0.97%           | 0.098%        |
| 10        | 4.405       | 237           | 241         | 247          | rVB      | 372748         | 500618        | 7.74%           | 0.783%        |
| 11        | 4.693       | 285           | 290         | 295          | rBV4     | 24492          | 36866         | 0.57%           | 0.058%        |
| 12        | 4.893       | 320           | 324         | 332          | rVB7     | 18967          | 31538         | 0.49%           | 0.049%        |
| 13        | 4.981       | 335           | 339         | 342          | rBV5     | 9022           | 11253         | 0.17%           | 0.018%        |
| 14        | 5.558       | 430           | 437         | 444          | rBV      | 62048          | 97876         | 1.51%           | 0.153%        |
| 15        | 5.716       | 458           | 464         | 469          | rBV      | 80514          | 123906        | 1.92%           | 0.194%        |
| 16        | 5.893       | 492           | 494         | 498          | rBV5     | 6854           | 11084         | 0.17%           | 0.017%        |
| 17        | 6.075       | 516           | 525         | 530          | rBV7     | 20292          | 40507         | 0.63%           | 0.063%        |
| 18        | 6.828       | 645           | 653         | 662          | rBV2     | 175190         | 309321        | 4.78%           | 0.484%        |
| 19        | 6.999       | 675           | 682         | 692          | rBV      | 885862         | 1395005       | 21.58%          | 2.182%        |
| 20        | 7.069       | 692           | 694         | 701          | rVB6     | 6371           | 11906         | 0.18%           | 0.019%        |
| 21        | 7.193       | 708           | 715         | 725          | rBV      | 771079         | 1189451       | 18.40%          | 1.860%        |
| 22        | 7.657       | 786           | 794         | 802          | rBV      | 1035934        | 1604938       | 24.82%          | 2.510%        |
| 23        | 8.069       | 860           | 864         | 869          | rVB5     | 7239           | 9984          | 0.15%           | 0.016%        |
| 24        | 8.357       | 905           | 913         | 923          | rBV      | 427596         | 667913        | 10.33%          | 1.044%        |
| 25        | 8.510       | 931           | 939         | 945          | rBV      | 191962         | 309075        | 4.78%           | 0.483%        |
| 26        | 8.740       | 974           | 978         | 981          | rBV3     | 15245          | 24243         | 0.37%           | 0.038%        |
| 27        | 8.804       | 981           | 989         | 997          | rVB      | 1133382        | 1848934       | 28.60%          | 2.891%        |
| 28        | 8.916       | 1002          | 1008        | 1016         | rVV      | 177872         | 291891        | 4.51%           | 0.456%        |
| 29        | 9.240       | 1055          | 1063        | 1069         | rBV      | 97658          | 148985        | 2.30%           | 0.233%        |
| 30        | 9.522       | 1104          | 1111        | 1122         | rBV      | 910116         | 1495437       | 23.13%          | 2.339%        |
| 31        | 10.051      | 1193          | 1201        | 1211         | rBV      | 1208716        | 1954009       | 30.22%          | 3.056%        |
| 32        | 10.216      | 1217          | 1229        | 1239         | rBV2     | 281181         | 552771        | 8.55%           | 0.864%        |
| 33        | 10.304      | 1239          | 1244        | 1251         | rVB3     | 39365          | 68865         | 1.07%           | 0.108%        |
| 34        | 10.381      | 1251          | 1257        | 1259         | rBV2     | 34270          | 42815         | 0.66%           | 0.067%        |
| 35        | 10.434      | 1259          | 1266        | 1273         | rVB      | 1306337        | 2137663       | 33.06%          | 3.343%        |
| 36        | 10.575      | 1283          | 1290        | 1296         | rBV2     | 37670          | 74603         | 1.15%           | 0.117%        |

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 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLWS7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: 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\_N\METHODS\SOM-EPA-BN100220.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 10.946 | 1348 | 1353 | 1360 | rBV6 | 38018   | 77144   | 1.19%  | 0.121% |
| 38 | 11.463 | 1435 | 1441 | 1449 | rBV  | 136015  | 228678  | 3.54%  | 0.358% |
| 39 | 11.657 | 1466 | 1474 | 1480 | rBV  | 98246   | 174908  | 2.71%  | 0.274% |
| 40 | 11.722 | 1480 | 1485 | 1491 | rVB  | 76730   | 119188  | 1.84%  | 0.186% |
| 41 | 11.893 | 1507 | 1514 | 1522 | rBV  | 305839  | 474938  | 7.35%  | 0.743% |
| 42 | 12.022 | 1531 | 1536 | 1543 | rBV3 | 21787   | 41737   | 0.65%  | 0.065% |
| 43 | 12.428 | 1601 | 1605 | 1610 | rBV2 | 24130   | 33643   | 0.52%  | 0.053% |
| 44 | 12.681 | 1638 | 1648 | 1657 | rBV6 | 84220   | 201901  | 3.12%  | 0.316% |
| 45 | 12.904 | 1682 | 1686 | 1691 | rBV6 | 10180   | 20054   | 0.31%  | 0.031% |
| 46 | 12.957 | 1691 | 1695 | 1704 | rVB9 | 16382   | 28609   | 0.44%  | 0.045% |
| 47 | 13.087 | 1712 | 1717 | 1724 | rVB  | 122458  | 191977  | 2.97%  | 0.300% |
| 48 | 13.269 | 1741 | 1748 | 1753 | rBV7 | 17704   | 31636   | 0.49%  | 0.049% |
| 49 | 13.410 | 1766 | 1772 | 1774 | rBV3 | 23988   | 33845   | 0.52%  | 0.053% |
| 50 | 13.439 | 1774 | 1777 | 1783 | rVB3 | 21284   | 36435   | 0.56%  | 0.057% |
| 51 | 13.563 | 1794 | 1798 | 1805 | rVB7 | 24401   | 41993   | 0.65%  | 0.066% |
| 52 | 13.663 | 1812 | 1815 | 1816 | rVV3 | 6920    | 7068    | 0.11%  | 0.011% |
| 53 | 13.710 | 1816 | 1823 | 1831 | rVV  | 2645405 | 3609956 | 55.84% | 5.645% |
| 54 | 13.792 | 1831 | 1837 | 1845 | rVV  | 252763  | 388059  | 6.00%  | 0.607% |
| 55 | 13.987 | 1863 | 1870 | 1880 | rBV  | 1270062 | 1780399 | 27.54% | 2.784% |
| 56 | 14.116 | 1888 | 1892 | 1901 | rVV2 | 44453   | 88428   | 1.37%  | 0.138% |
| 57 | 14.298 | 1916 | 1923 | 1930 | rBV  | 2118468 | 3088566 | 47.77% | 4.830% |
| 58 | 14.492 | 1951 | 1956 | 1965 | rBV  | 188611  | 299685  | 4.64%  | 0.469% |
| 59 | 14.622 | 1973 | 1978 | 1991 | rVB6 | 48459   | 95821   | 1.48%  | 0.150% |
| 60 | 14.734 | 1993 | 1997 | 2001 | rVB6 | 5368    | 7930    | 0.12%  | 0.012% |
| 61 | 14.810 | 2006 | 2010 | 2011 | rVV3 | 8818    | 8644    | 0.13%  | 0.014% |
| 62 | 14.845 | 2011 | 2016 | 2025 | rVB2 | 229701  | 334300  | 5.17%  | 0.523% |
| 63 | 14.928 | 2027 | 2030 | 2033 | rBV4 | 6913    | 8416    | 0.13%  | 0.013% |
| 64 | 15.292 | 2084 | 2092 | 2106 | rBV  | 3766495 | 5148075 | 79.63% | 8.051% |
| 65 | 15.410 | 2106 | 2112 | 2124 | rVV  | 1380480 | 1883265 | 29.13% | 2.945% |
| 66 | 15.528 | 2128 | 2132 | 2137 | rVB2 | 37381   | 52077   | 0.81%  | 0.081% |
| 67 | 15.639 | 2147 | 2151 | 2155 | rBV4 | 5267    | 7955    | 0.12%  | 0.012% |
| 68 | 15.775 | 2166 | 2174 | 2180 | rBV3 | 101766  | 144069  | 2.23%  | 0.225% |
| 69 | 15.981 | 2203 | 2209 | 2215 | rBV9 | 22989   | 48793   | 0.75%  | 0.076% |
| 70 | 16.075 | 2222 | 2225 | 2230 | rVB5 | 13977   | 24020   | 0.37%  | 0.038% |
| 71 | 16.281 | 2256 | 2260 | 2266 | rBV6 | 4369    | 9214    | 0.14%  | 0.014% |
| 72 | 16.480 | 2290 | 2294 | 2301 | rVB6 | 18226   | 22346   | 0.35%  | 0.035% |
| 73 | 16.586 | 2309 | 2312 | 2319 | rVB7 | 8971    | 16454   | 0.25%  | 0.026% |
| 74 | 16.704 | 2325 | 2332 | 2339 | rVB  | 119239  | 169612  | 2.62%  | 0.265% |
| 75 | 16.828 | 2349 | 2353 | 2359 | rBV5 | 11683   | 21677   | 0.34%  | 0.034% |
| 76 | 16.922 | 2363 | 2369 | 2373 | rVV5 | 19397   | 30709   | 0.47%  | 0.048% |

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Instrument :  
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 ClientSampleId :  
 JLWS7

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\SOM-EPA-BN100220.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 17.039 | 2381 | 2389 | 2396 | rBV  | 2224479 | 3251232 | 50.29%  | 5.084%  |
| 78  | 17.139 | 2400 | 2406 | 2416 | rVV  | 3146220 | 4283795 | 66.26%  | 6.699%  |
| 79  | 17.228 | 2416 | 2421 | 2425 | rVV  | 173971  | 258493  | 4.00%   | 0.404%  |
| 80  | 17.280 | 2425 | 2430 | 2440 | rVV  | 793356  | 1166095 | 18.04%  | 1.824%  |
| 81  | 17.363 | 2441 | 2444 | 2449 | rVB5 | 26306   | 39855   | 0.62%   | 0.062%  |
| 82  | 17.816 | 2519 | 2521 | 2523 | rBV3 | 6435    | 7200    | 0.11%   | 0.011%  |
| 83  | 17.857 | 2523 | 2528 | 2534 | rVV3 | 52929   | 80711   | 1.25%   | 0.126%  |
| 84  | 17.945 | 2539 | 2543 | 2546 | rBV5 | 30189   | 46284   | 0.72%   | 0.072%  |
| 85  | 17.986 | 2546 | 2550 | 2555 | rVV  | 112380  | 153569  | 2.38%   | 0.240%  |
| 86  | 18.233 | 2591 | 2592 | 2594 | rBV2 | 8405    | 6774    | 0.10%   | 0.011%  |
| 87  | 18.269 | 2594 | 2598 | 2606 | rVB5 | 17888   | 32001   | 0.49%   | 0.050%  |
| 88  | 18.427 | 2620 | 2625 | 2631 | rBV7 | 18774   | 31612   | 0.49%   | 0.049%  |
| 89  | 18.563 | 2646 | 2648 | 2651 | rBV3 | 7459    | 8389    | 0.13%   | 0.013%  |
| 90  | 18.686 | 2666 | 2669 | 2670 | rBV3 | 6919    | 6928    | 0.11%   | 0.011%  |
| 91  | 18.839 | 2692 | 2695 | 2699 | rBV6 | 18859   | 26580   | 0.41%   | 0.042%  |
| 92  | 18.933 | 2709 | 2711 | 2718 | rVB8 | 15774   | 24412   | 0.38%   | 0.038%  |
| 93  | 19.069 | 2730 | 2734 | 2741 | rVB3 | 80344   | 126732  | 1.96%   | 0.198%  |
| 94  | 19.233 | 2759 | 2762 | 2766 | rBV6 | 22914   | 31465   | 0.49%   | 0.049%  |
| 95  | 19.333 | 2774 | 2779 | 2784 | rBV  | 28472   | 41829   | 0.65%   | 0.065%  |
| 96  | 19.445 | 2791 | 2798 | 2806 | rBV  | 4498776 | 6031522 | 93.29%  | 9.432%  |
| 97  | 20.657 | 3001 | 3004 | 3011 | rVB2 | 266120  | 347471  | 5.37%   | 0.543%  |
| 98  | 21.239 | 3098 | 3103 | 3108 | rBV  | 2819053 | 3547001 | 54.86%  | 5.547%  |
| 99  | 23.310 | 3448 | 3455 | 3469 | rBV  | 3312422 | 6465195 | 100.00% | 10.110% |
| 100 | 23.445 | 3472 | 3478 | 3486 | rVB2 | 1974520 | 3530132 | 54.60%  | 5.520%  |

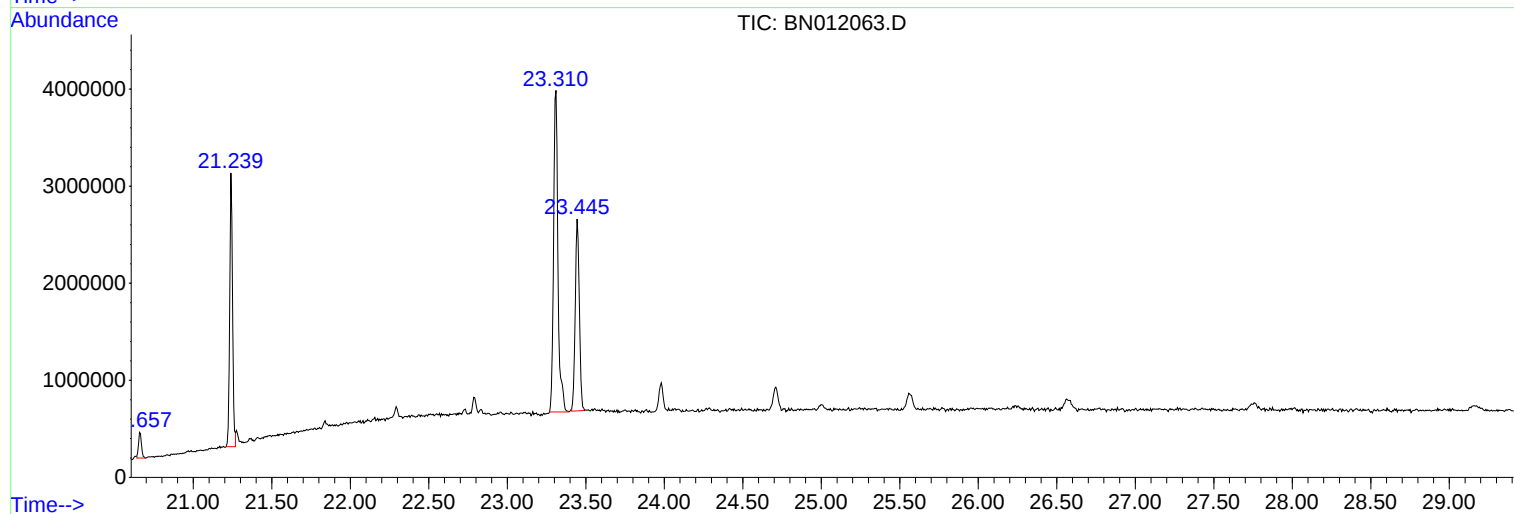
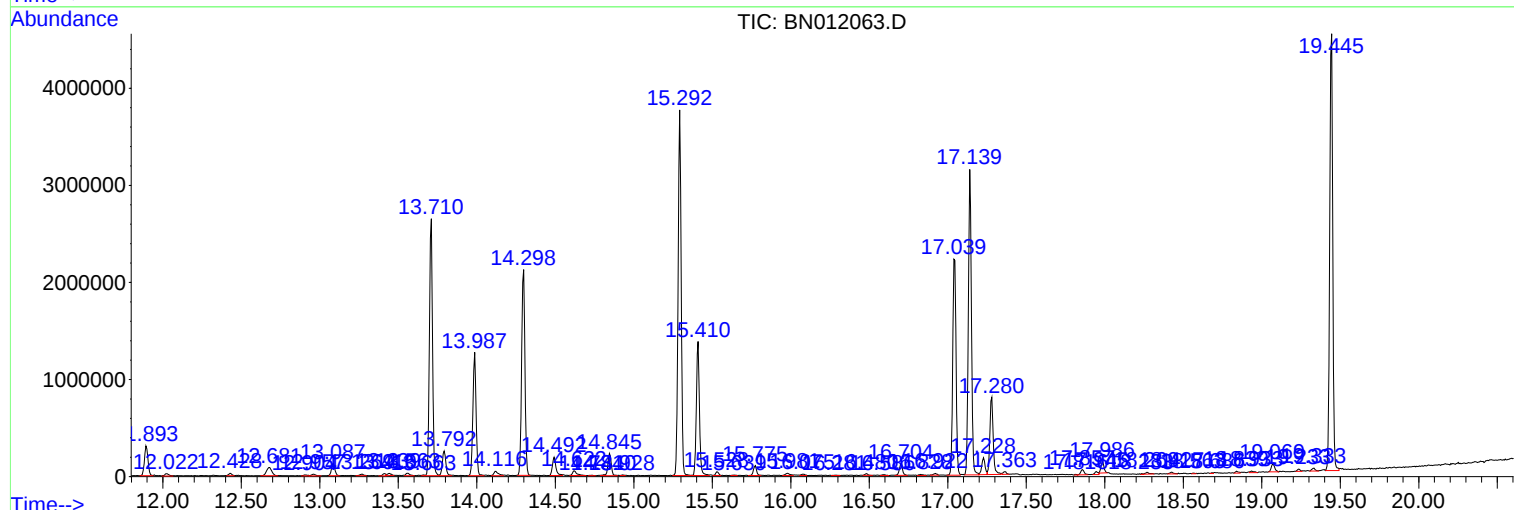
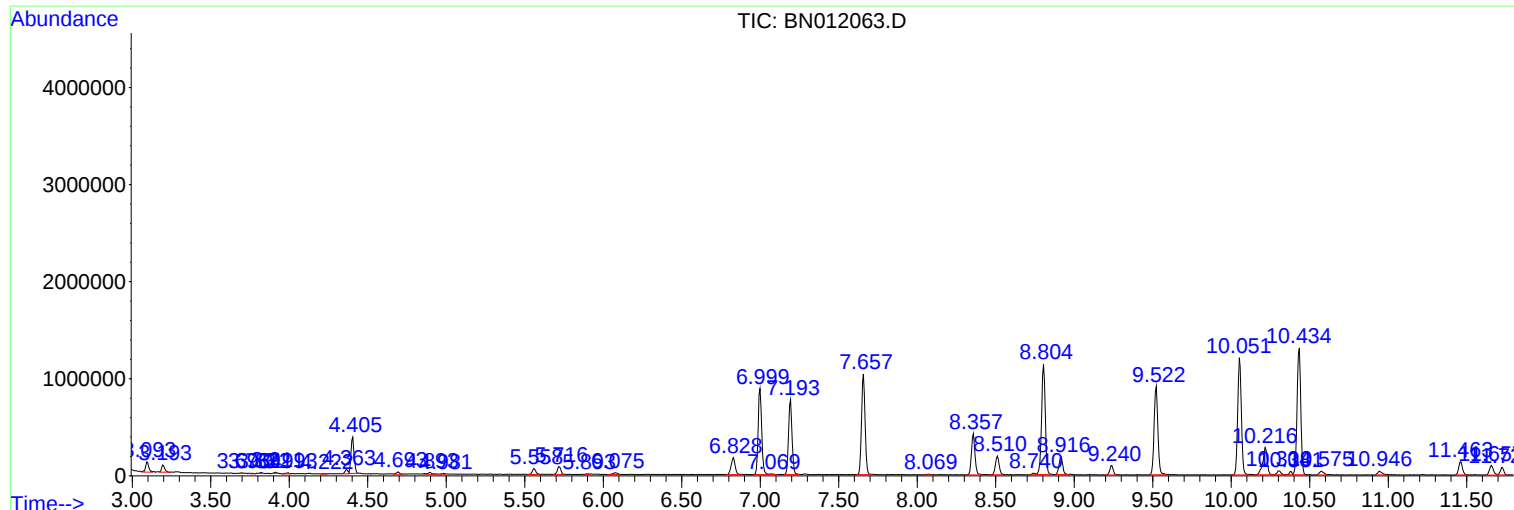
Sum of corrected areas: 63946531

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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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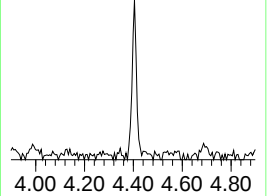
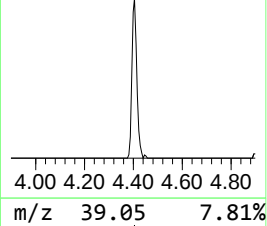
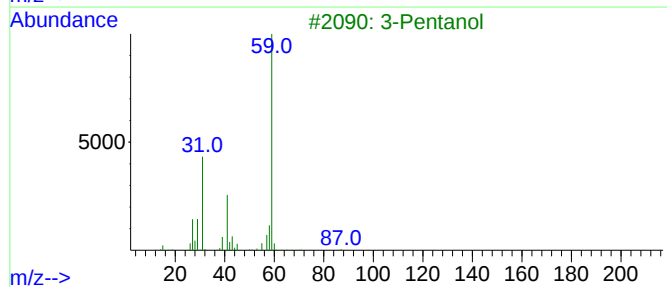
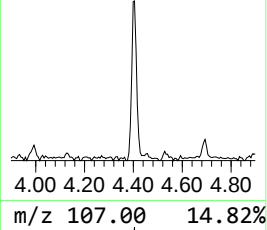
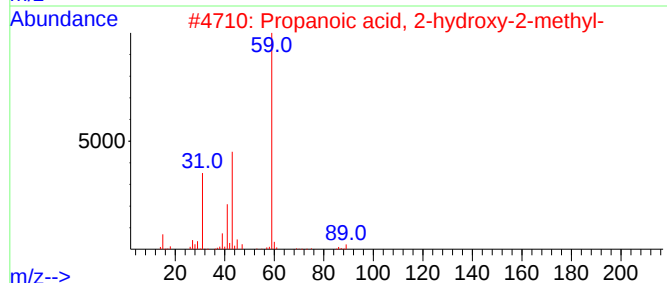
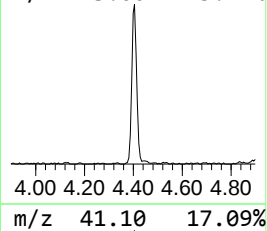
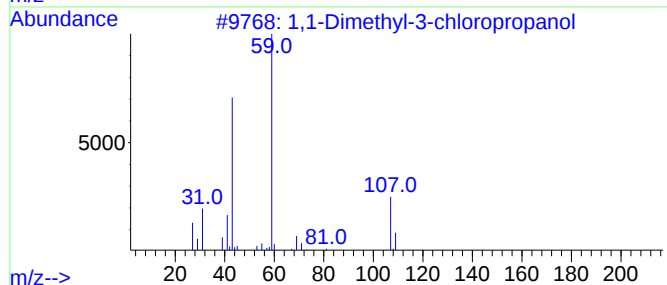
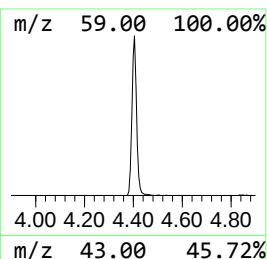
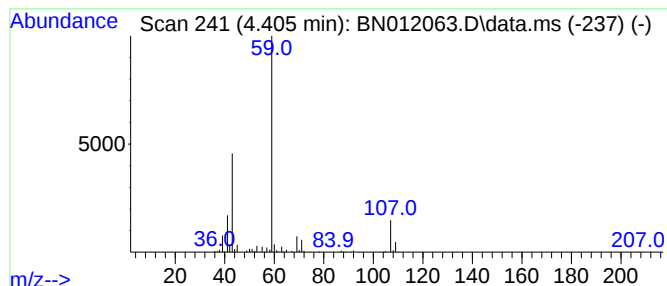
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.400 | 6.24 ng/ul | 500618 | 1,4-Dichlorobenzene-d4 | 7.657 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1,1-Dimethyl-3-chloropropanol       | 122 | C5H11ClO | 001985-88-2 | 47   |
| 2    |    |   | Propanoic acid, 2-hydroxy-2-methyl- | 104 | C4H8O3   | 000594-61-6 | 45   |
| 3    |    |   | 3-Pentanol                          | 88  | C5H12O   | 000584-02-1 | 42   |
| 4    |    |   | 2-Propanol, 2-methyl-               | 74  | C4H10O   | 000075-65-0 | 40   |
| 5    |    |   | 2-Hexanol, 2,3-dimethyl-            | 130 | C8H18O   | 019550-03-9 | 39   |



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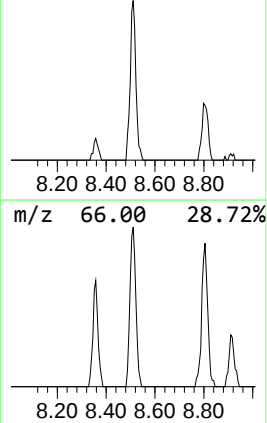
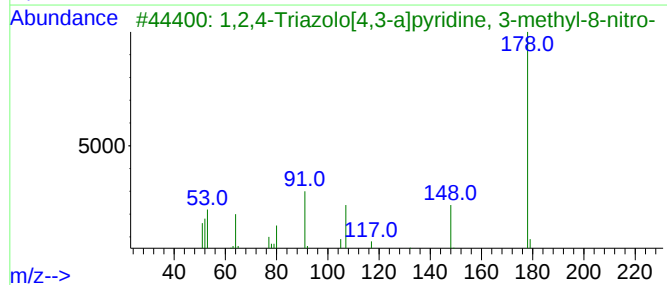
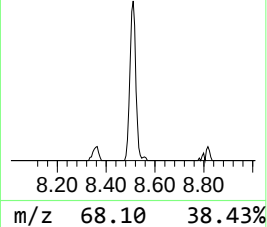
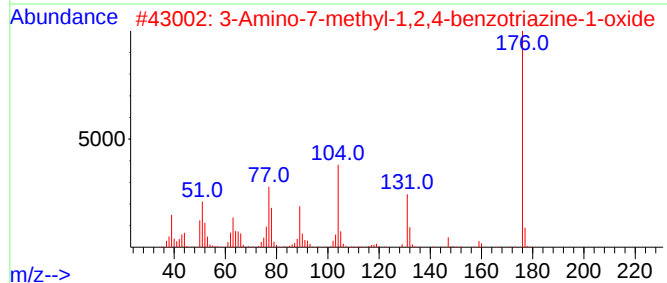
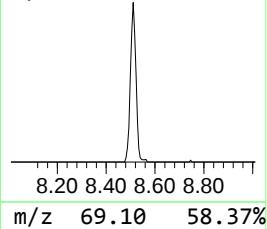
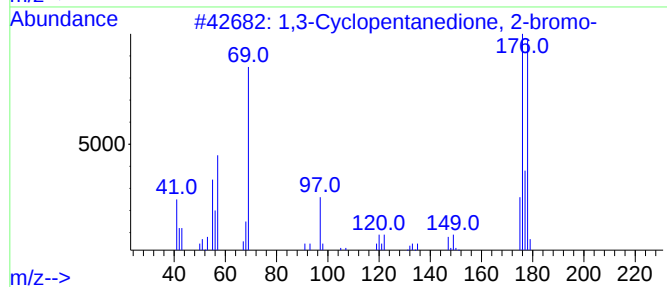
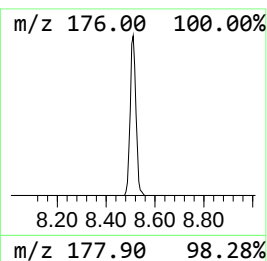
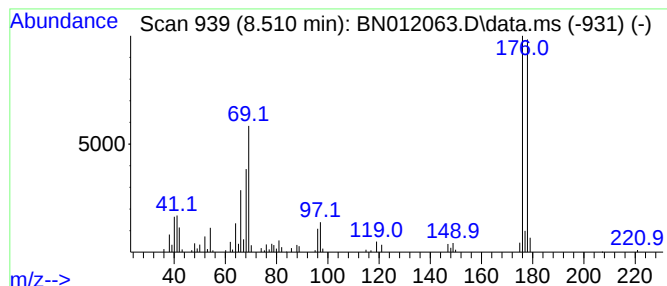
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown-02 Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.510 | 3.85 ng/ul | 309075 | 1,4-Dichlorobenzene-d4 | 7.657 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 1,3-Cyclopentanedione, 2-bromo-     | 176 | C5H5BrO2  | 014203-24-8 | 16   |
| 2    |    |   | 3-Amino-7-methyl-1,2,4-benzotria... | 176 | C8H8N4O   | 027281-74-9 | 14   |
| 3    |    |   | 1,2,4-Triazolo[4,3-a]pyridine, 3... | 178 | C7H6N4O2  | 031040-10-5 | 14   |
| 4    |    |   | 4-Selenouracil                      | 176 | C4H4N2OSe | 056114-33-1 | 12   |
| 5    |    |   | Benz[a]azulene                      | 178 | C14H10    | 000246-02-6 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLWS7

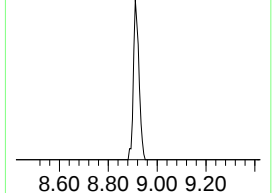
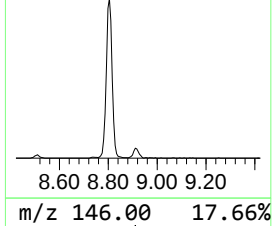
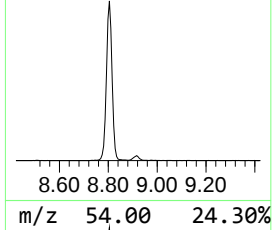
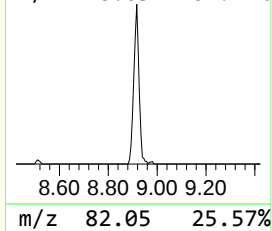
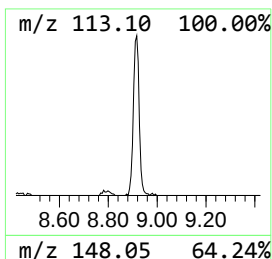
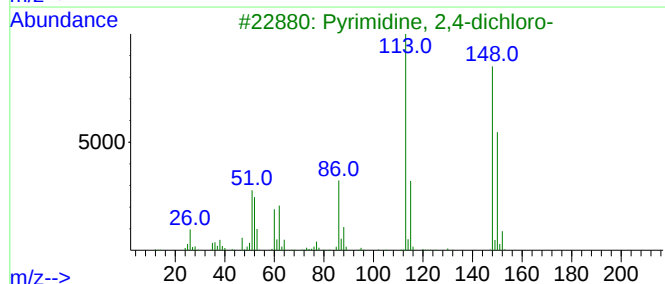
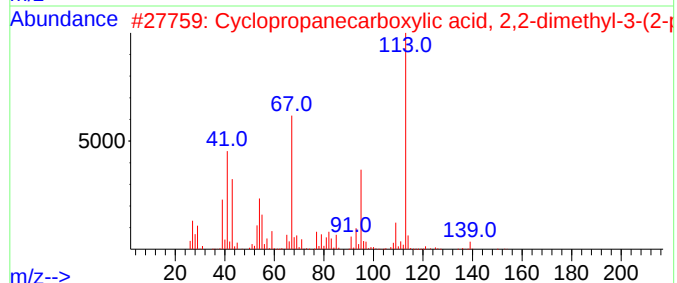
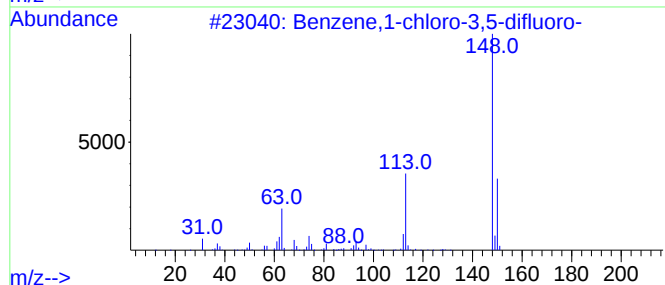
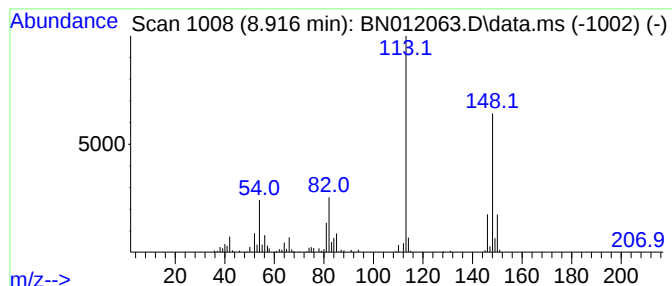
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Benzene,1-chloro-3,5-difluoro- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.920 | 3.64 ng/ul | 291891 | 1,4-Dichlorobenzene-d4 | 7.657 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzene,1-chloro-3,5-difluoro-      | 148 | C6H3ClF2  | 001435-43-4 | 58   |
| 2    |    |   | Cyclopropanecarboxylic acid, 2,2... | 154 | C9H14O2   | 074685-76-0 | 37   |
| 3    |    |   | Pyrimidine, 2,4-dichloro-           | 148 | C4H2Cl2N2 | 003934-20-1 | 33   |
| 4    |    |   | 1-Chloro-2,4-difluorobenzene        | 148 | C6H3ClF2  | 001435-44-5 | 27   |
| 5    |    |   | 1H-Pyrazole, 4-nitro-               | 113 | C3H3N3O2  | 002075-46-9 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLWS7

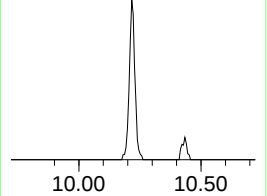
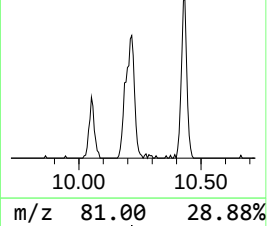
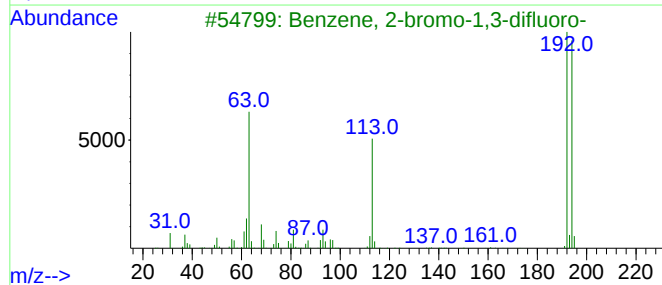
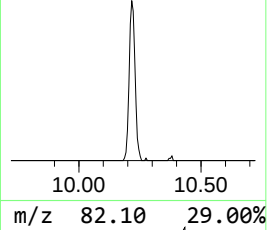
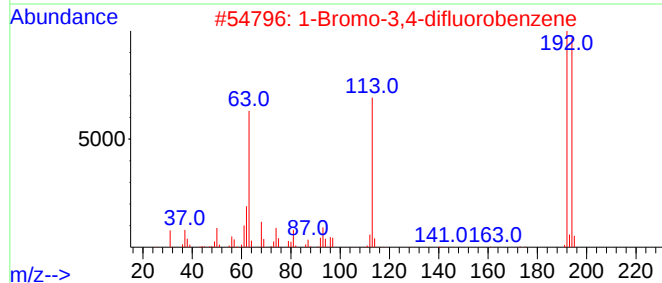
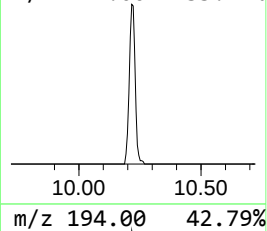
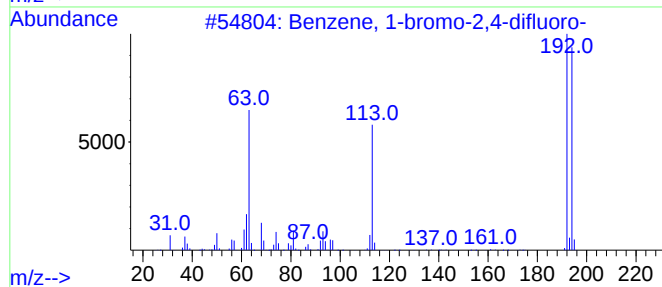
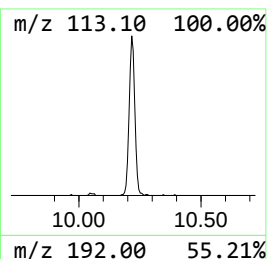
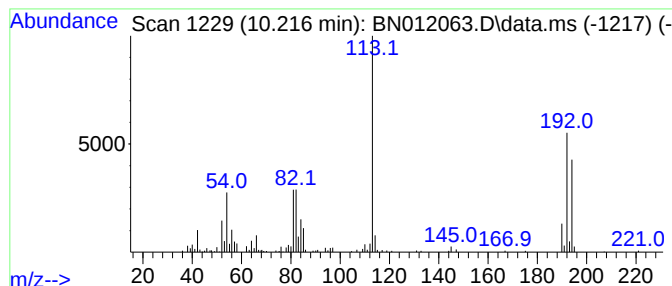
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzene, 1-bromo-2,4-difluoro- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.220 | 5.17 ng/ul | 552771 | Naphthalene-d8   | 10.434 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 1-bromo-2,4-difluoro- | 192 | C6H3BrF2 | 000348-57-2 | 53   |
| 2    |    |   | 1-Bromo-3,4-difluorobenzene    | 192 | C6H3BrF2 | 000348-61-8 | 53   |
| 3    |    |   | Benzene, 2-bromo-1,3-difluoro- | 192 | C6H3BrF2 | 064248-56-2 | 53   |
| 4    |    |   | Benzene, 2-bromo-1,4-difluoro- | 192 | C6H3BrF2 | 000399-94-0 | 53   |
| 5    |    |   | Benzene, 1-bromo-2,4-difluoro- | 192 | C6H3BrF2 | 000348-57-2 | 42   |



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Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLWS7

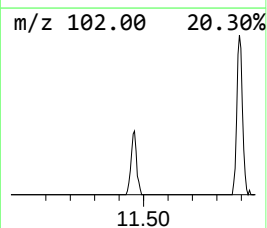
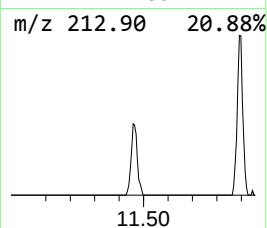
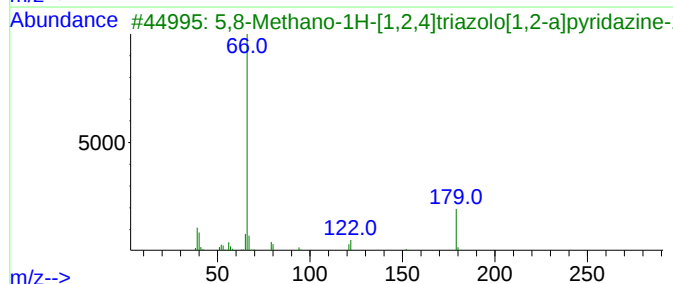
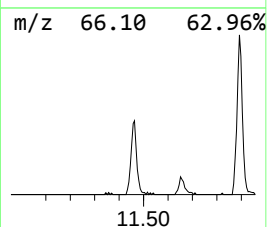
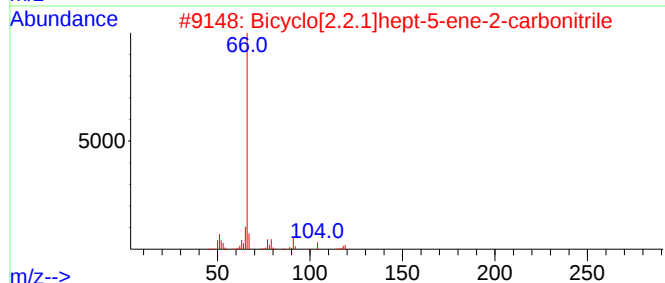
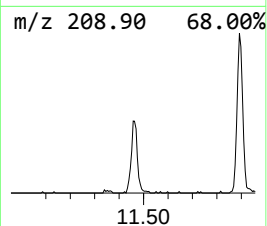
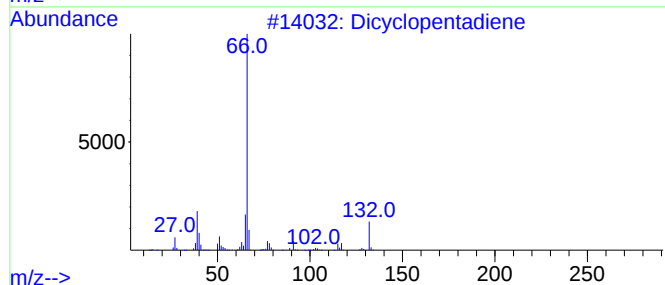
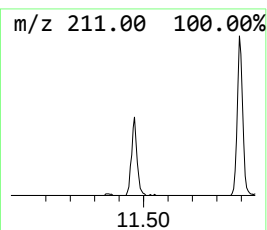
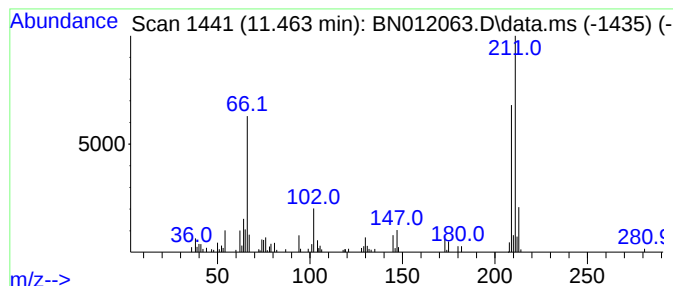
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 unknown-03 Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.460 | 2.14 ng/ul | 228678 | Naphthalene-d8   | 10.434 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Dicyclopentadiene                   | 132 | C10H12   | 000077-73-6 | 30   |
| 2    |    |   | Bicyclo[2.2.1]hept-5-ene-2-carbo... | 119 | C8H9N    | 000095-11-4 | 16   |
| 3    |    |   | 5,8-Methano-1H-[1,2,4]triazolo[1... | 179 | C8H9N3O2 | 061195-22-0 | 16   |
| 4    |    |   | Cyclopropylacetylene                | 66  | C5H6     | 006746-94-7 | 16   |
| 5    |    |   | 5-Allyl-2-norbornene                | 134 | C10H14   | 031663-53-3 | 16   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLWS7

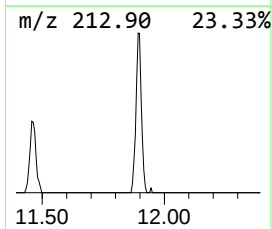
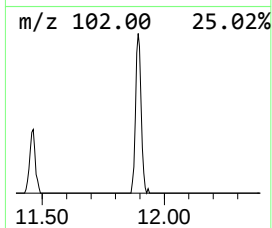
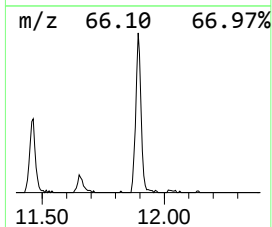
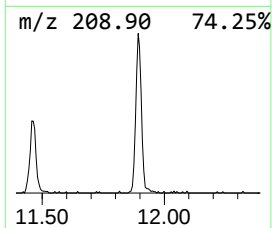
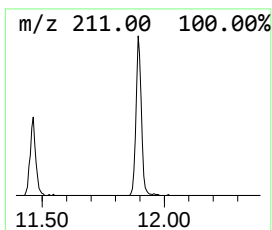
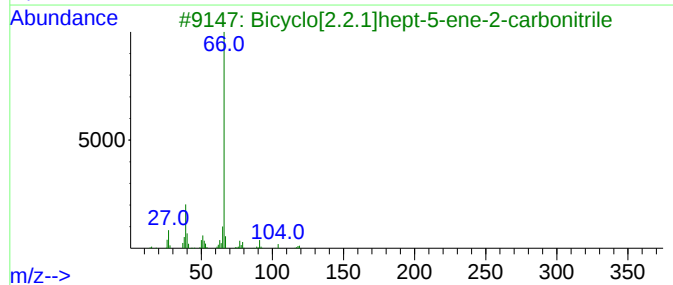
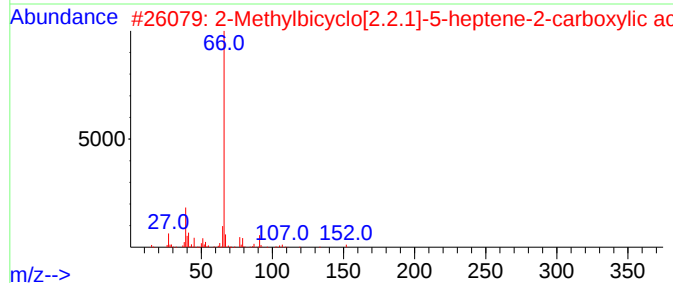
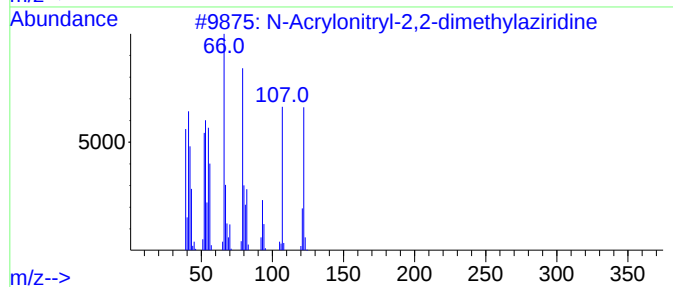
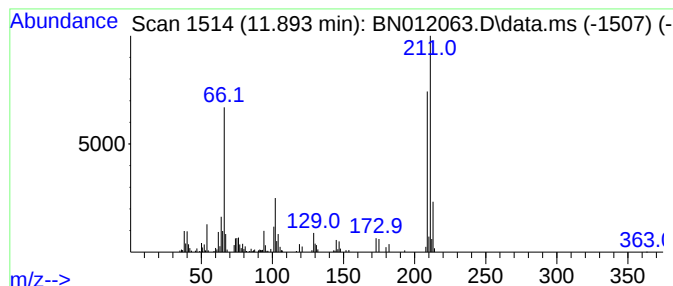
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown-04 Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.890 | 4.44 ng/ul | 474938 | Naphthalene-d8   | 10.434 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | N-Acrylonitril-2,2-dimethylaziri... | 122 | C7H10N2 | 077376-91-1 | 27   |
| 2    |    |   | 2-Methylbicyclo[2.2.1]-5-heptene... | 152 | C9H12O2 | 000825-03-6 | 25   |
| 3    |    |   | Bicyclo[2.2.1]hept-5-ene-2-carbo... | 119 | C8H9N   | 000095-11-4 | 22   |
| 4    |    |   | Bicyclo[3.2.0]hept-2-en-6-one       | 108 | C7H8O   | 013173-09-6 | 22   |
| 5    |    |   | Bicyclo[2.2.1]hept-5-ene-2-carbo... | 119 | C8H9N   | 000095-11-4 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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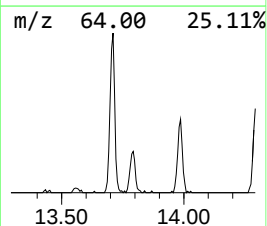
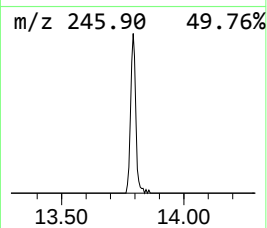
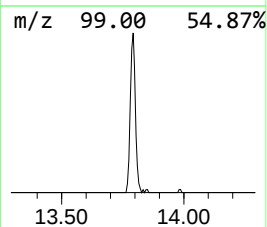
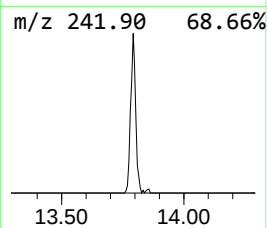
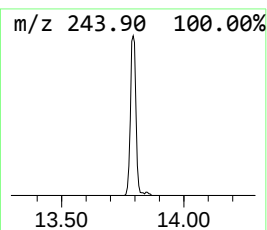
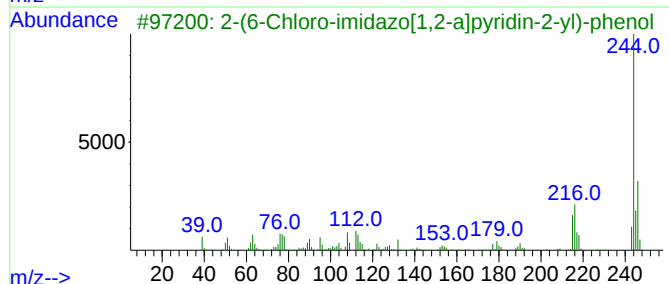
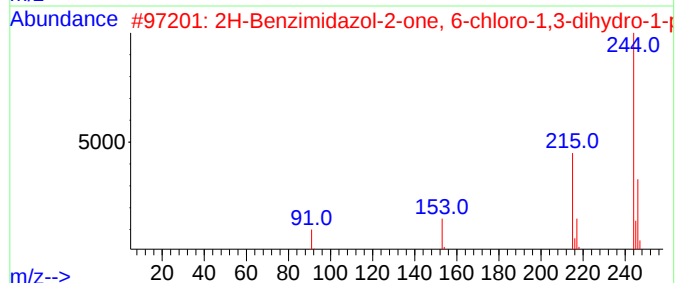
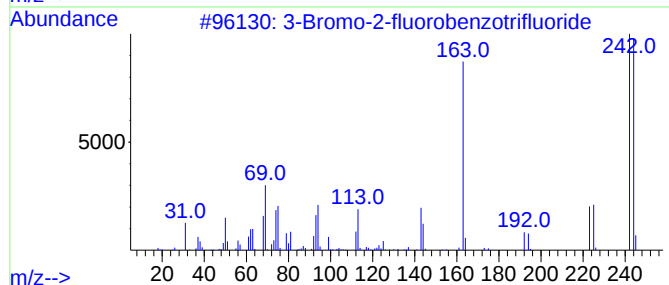
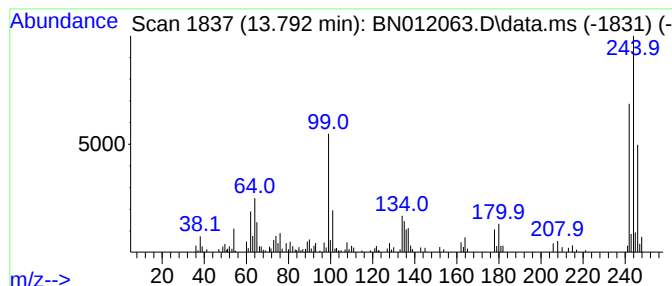
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown-05 Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.790 | 2.51 ng/ul | 388059 | Acenaphthene-d10 | 14.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 3-Bromo-2-fluorobenzotrifluoride    | 242 | C7H3BrF4   | 144584-67-8  | 25   |
| 2    |    |   | 2H-Benzimidazol-2-one, 6-chloro-... | 244 | C13H9ClN2O | 054986-47-9  | 17   |
| 3    |    |   | 2-(6-Chloro-imidazo[1,2-a]pyridi... | 244 | C13H9ClN2O | 1000295-93-4 | 16   |
| 4    |    |   | 1H-Benzimidazol-4-ol, 1-(4-chlor... | 244 | C13H9ClN2O | 054986-46-8  | 16   |
| 5    |    |   | 2-Bromo-3-fluorobenzotrifluoride    | 242 | C7H3BrF4   | 104540-42-3  | 14   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

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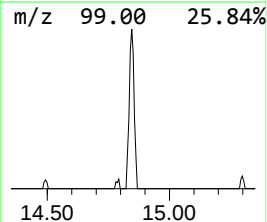
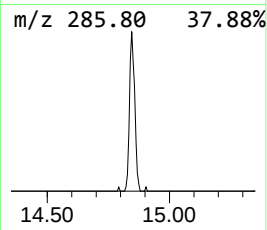
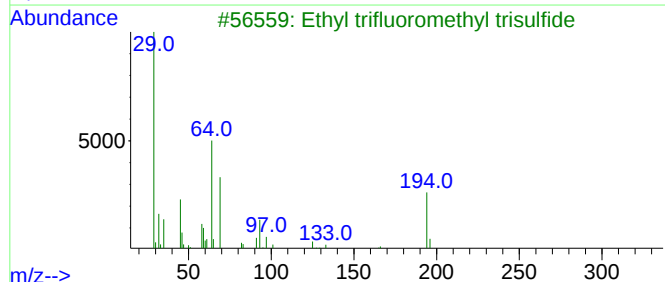
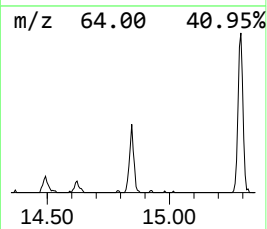
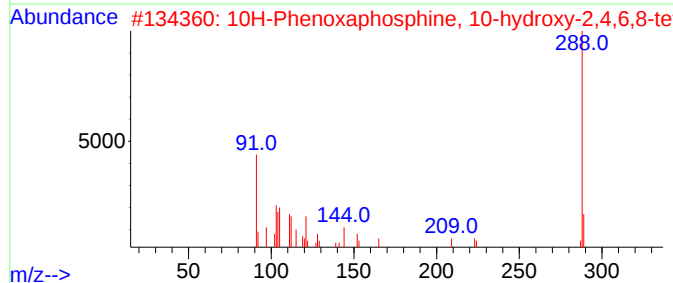
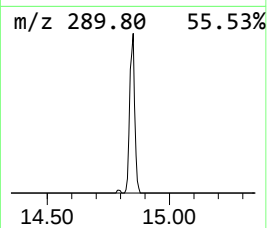
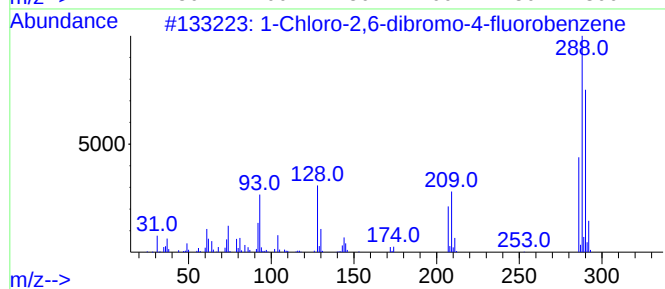
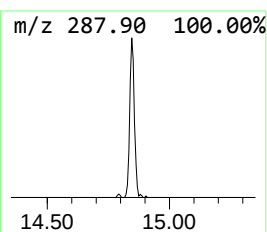
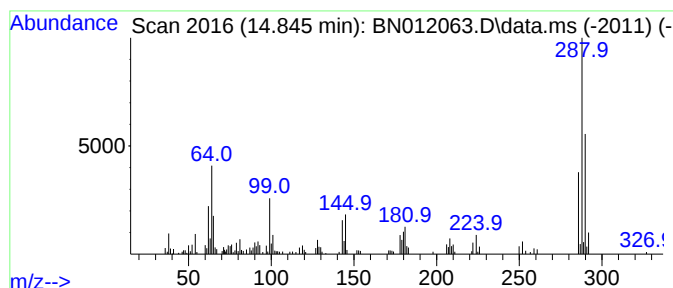
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown-06 Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.850 | 2.16 ng/ul | 334300 | Acenaphthene-d10 | 14.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Chloro-2,6-dibromo-4-fluoroben... | 286 | C6H2Br2ClF | 179897-90-6 | 38   |
| 2    |    |   | 10H-Phenoxaphosphine, 10-hydroxy... | 288 | C16H17O3P  | 037041-07-9 | 25   |
| 3    |    |   | Ethyl trifluoromethyl trisulfide    | 194 | C3H5F3S3   | 055882-01-4 | 10   |
| 4    |    |   | N,N-Bis(2-hydroxyethyl)-2-aminoe... | 213 | C6H15N05S  | 010191-18-1 | 10   |
| 5    |    |   | Propanoic acid, 2-chloro-           | 108 | C3H5ClO2   | 000598-78-7 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLWS7

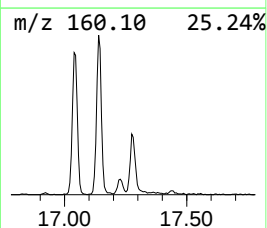
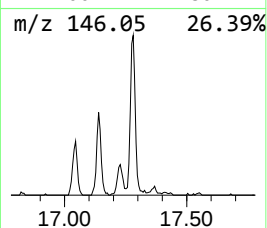
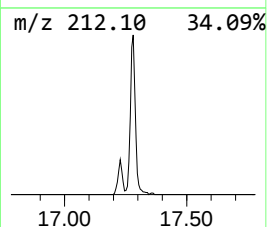
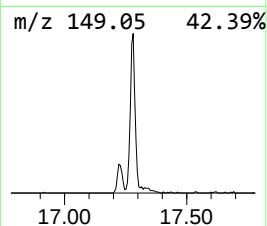
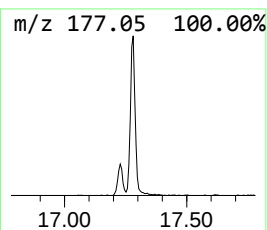
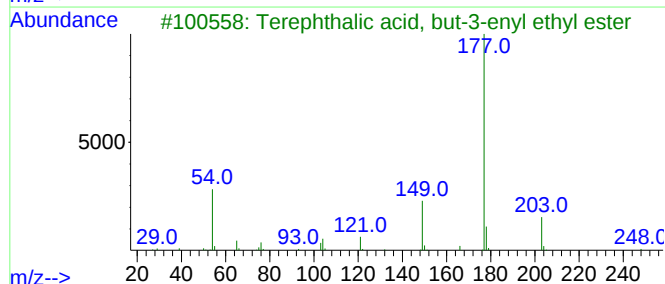
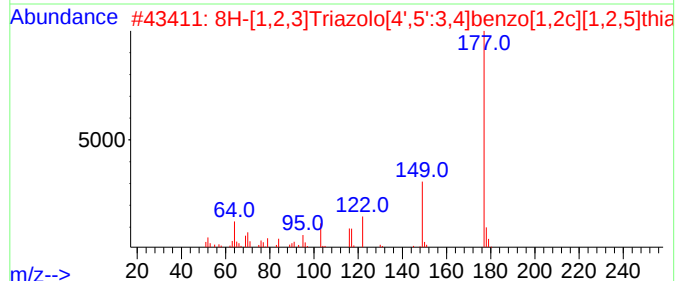
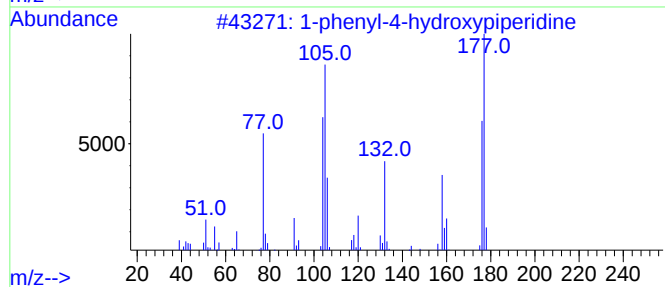
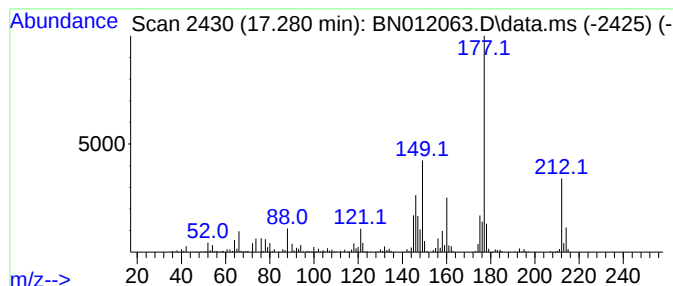
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 unknown-07 Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 17.280 | 7.17 ng/ul | 1166100 | Phenanthrene-d10 | 17.039 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1-phenyl-4-hydroxypiperidine        | 177 | C11H15NO | 1000380-04-6 | 46   |
| 2    |    |   | 8H-[1,2,3]Triazolo[4',5':3,4]ben... | 177 | C6H3N5S  | 1000306-38-7 | 43   |
| 3    |    |   | Terephthalic acid, but-3-enyl et... | 248 | C14H16O4 | 1000356-33-3 | 43   |
| 4    |    |   | 4-Propylbenzaldehyde diethyl acetal | 222 | C14H22O2 | 089557-35-7  | 43   |
| 5    |    |   | Dimethyl 5-methylisophthalate       | 208 | C11H12O4 | 017649-58-0  | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100520\  
Data File : BN012063.D  
Acq On : 05 Oct 2020 19:21  
Operator : CG/JU  
Sample : L4209-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
JLWS7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN100220.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| unknown-01         | 4.400  | 6.2     | ng/ul | 500618   | 1                     | 7.657  | 1604940 | 20.0 |
| unknown-02         | 8.510  | 3.9     | ng/ul | 309075   | 1                     | 7.657  | 1604940 | 20.0 |
| Benzene,1-chlor... | 8.920  | 3.6     | ng/ul | 291891   | 1                     | 7.657  | 1604940 | 20.0 |
| Benzene, 1-brom... | 10.220 | 5.2     | ng/ul | 552771   | 2                     | 10.434 | 2137660 | 20.0 |
| unknown-03         | 11.460 | 2.1     | ng/ul | 228678   | 2                     | 10.434 | 2137660 | 20.0 |
| unknown-04         | 11.890 | 4.4     | ng/ul | 474938   | 2                     | 10.434 | 2137660 | 20.0 |
| unknown-05         | 13.790 | 2.5     | ng/ul | 388059   | 3                     | 14.298 | 3088570 | 20.0 |
| unknown-06         | 14.850 | 2.2     | ng/ul | 334300   | 3                     | 14.298 | 3088570 | 20.0 |
| unknown-07         | 17.280 | 7.2     | ng/ul | 1166100  | 4                     | 17.039 | 3251230 | 20.0 |