

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
 Data File : BP018091.D  
 Acq On : 12 Nov 2023 05:55  
 Operator : MA/JU  
 Sample : 05158-06  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BH349

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\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018091.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         | 3.228       | 21            | 24          | 27           | rBV      | 21942          | 25904         | 0.94%           | 0.099%        |
| 2         | 3.264       | 27            | 30          | 38           | rVB      | 19411          | 31257         | 1.13%           | 0.119%        |
| 3         | 3.346       | 40            | 44          | 53           | rVB      | 154318         | 181932        | 6.59%           | 0.695%        |
| 4         | 3.670       | 96            | 99          | 113          | rBV      | 101555         | 174620        | 6.32%           | 0.667%        |
| 5         | 3.834       | 123           | 127         | 132          | rVB2     | 56080          | 73757         | 2.67%           | 0.282%        |
| 6         | 3.964       | 146           | 149         | 153          | rVB6     | 4338           | 5245          | 0.19%           | 0.020%        |
| 7         | 5.105       | 339           | 343         | 346          | rVB6     | 2422           | 3842          | 0.14%           | 0.015%        |
| 8         | 5.170       | 349           | 354         | 358          | rVV8     | 4209           | 7636          | 0.28%           | 0.029%        |
| 9         | 5.228       | 358           | 364         | 369          | rVV10    | 2253           | 4824          | 0.17%           | 0.018%        |
| 10        | 5.340       | 379           | 383         | 387          | rVB6     | 4602           | 5948          | 0.22%           | 0.023%        |
| 11        | 5.434       | 395           | 399         | 402          | rVV6     | 2591           | 3705          | 0.13%           | 0.014%        |
| 12        | 5.599       | 425           | 427         | 429          | rVB3     | 3536           | 2899          | 0.10%           | 0.011%        |
| 13        | 5.628       | 429           | 432         | 437          | rBV6     | 2367           | 4022          | 0.15%           | 0.015%        |
| 14        | 5.711       | 439           | 446         | 455          | rBV      | 442722         | 632543        | 22.91%          | 2.416%        |
| 15        | 6.034       | 496           | 501         | 509          | rVV      | 63960          | 94640         | 3.43%           | 0.362%        |
| 16        | 6.117       | 509           | 515         | 520          | rVB4     | 8828           | 15586         | 0.56%           | 0.060%        |
| 17        | 6.311       | 545           | 548         | 551          | rVB5     | 2089           | 2786          | 0.10%           | 0.011%        |
| 18        | 6.458       | 571           | 573         | 577          | rVB4     | 2689           | 2928          | 0.11%           | 0.011%        |
| 19        | 7.034       | 663           | 671         | 677          | rBV3     | 331786         | 563073        | 20.39%          | 2.151%        |
| 20        | 7.193       | 692           | 698         | 710          | rBV      | 334824         | 552887        | 20.02%          | 2.112%        |
| 21        | 7.369       | 722           | 728         | 740          | rBV      | 366732         | 602154        | 21.81%          | 2.300%        |
| 22        | 7.528       | 751           | 755         | 764          | rVB      | 3127           | 6431          | 0.23%           | 0.025%        |
| 23        | 7.663       | 772           | 778         | 785          | rBV10    | 6142           | 14164         | 0.51%           | 0.054%        |
| 24        | 7.787       | 794           | 799         | 802          | rBV7     | 4764           | 8032          | 0.29%           | 0.031%        |
| 25        | 7.846       | 802           | 809         | 824          | rVB      | 257347         | 456298        | 16.53%          | 1.743%        |
| 26        | 8.387       | 894           | 901         | 911          | rBV      | 130226         | 215229        | 7.80%           | 0.822%        |
| 27        | 8.528       | 919           | 925         | 928          | rBV2     | 34642          | 57616         | 2.09%           | 0.220%        |
| 28        | 8.575       | 928           | 933         | 949          | rVB      | 260246         | 474475        | 17.18%          | 1.813%        |
| 29        | 8.710       | 954           | 956         | 960          | rVB5     | 2731           | 3397          | 0.12%           | 0.013%        |
| 30        | 8.916       | 988           | 991         | 995          | rBV6     | 3439           | 5375          | 0.19%           | 0.021%        |
| 31        | 9.052       | 1006          | 1014        | 1031         | rBV      | 465609         | 808425        | 29.28%          | 3.088%        |
| 32        | 9.222       | 1038          | 1043        | 1047         | rVB4     | 10798          | 15965         | 0.58%           | 0.061%        |
| 33        | 9.263       | 1047          | 1050        | 1055         | rVB7     | 5041           | 7174          | 0.26%           | 0.027%        |
| 34        | 9.363       | 1064          | 1067        | 1070         | rBV5     | 2976           | 3551          | 0.13%           | 0.014%        |
| 35        | 9.440       | 1073          | 1080        | 1088         | rBV      | 55598          | 104539        | 3.79%           | 0.399%        |
| 36        | 9.652       | 1109          | 1116        | 1123         | rBV4     | 20791          | 47376         | 1.72%           | 0.181%        |

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 ALS Vial : 70 Sample Multiplier: 1

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 ClientSampleId :  
 BH349

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\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 9.763  | 1128 | 1135 | 1147 | rBV  | 391893  | 686597  | 24.87% | 2.623% |
| 38 | 9.940  | 1163 | 1165 | 1168 | rBV4 | 2014    | 2829    | 0.10%  | 0.011% |
| 39 | 10.028 | 1173 | 1180 | 1188 | rBV  | 79086   | 128795  | 4.66%  | 0.492% |
| 40 | 10.181 | 1199 | 1206 | 1213 | rBV  | 5639    | 13520   | 0.49%  | 0.052% |
| 41 | 10.293 | 1216 | 1225 | 1242 | rBV  | 452922  | 907185  | 32.86% | 3.466% |
| 42 | 10.663 | 1281 | 1288 | 1298 | rBV  | 359708  | 595978  | 21.58% | 2.277% |
| 43 | 10.846 | 1308 | 1319 | 1339 | rBV  | 404906  | 840956  | 30.46% | 3.213% |
| 44 | 10.975 | 1339 | 1341 | 1346 | rVV6 | 6281    | 11907   | 0.43%  | 0.045% |
| 45 | 11.040 | 1346 | 1352 | 1361 | rVB3 | 31276   | 58742   | 2.13%  | 0.224% |
| 46 | 11.187 | 1373 | 1377 | 1378 | rBV4 | 9341    | 13005   | 0.47%  | 0.050% |
| 47 | 11.369 | 1405 | 1408 | 1413 | rVV7 | 4377    | 7106    | 0.26%  | 0.027% |
| 48 | 11.440 | 1413 | 1420 | 1421 | rVV3 | 21626   | 33122   | 1.20%  | 0.127% |
| 49 | 11.469 | 1421 | 1425 | 1431 | rVV  | 33964   | 63438   | 2.30%  | 0.242% |
| 50 | 11.540 | 1433 | 1437 | 1441 | rVV5 | 14543   | 25069   | 0.91%  | 0.096% |
| 51 | 11.587 | 1441 | 1445 | 1453 | rVV3 | 15906   | 32720   | 1.19%  | 0.125% |
| 52 | 11.699 | 1456 | 1464 | 1475 | rVV  | 200434  | 343550  | 12.44% | 1.312% |
| 53 | 11.769 | 1475 | 1476 | 1480 | rVB4 | 2981    | 3321    | 0.12%  | 0.013% |
| 54 | 11.857 | 1488 | 1491 | 1493 | rBV4 | 3477    | 3671    | 0.13%  | 0.014% |
| 55 | 12.263 | 1554 | 1560 | 1569 | rBV5 | 9941    | 20155   | 0.73%  | 0.077% |
| 56 | 12.340 | 1569 | 1573 | 1585 | rBV3 | 13787   | 38744   | 1.40%  | 0.148% |
| 57 | 12.616 | 1617 | 1620 | 1623 | rVV4 | 4595    | 6915    | 0.25%  | 0.026% |
| 58 | 12.646 | 1623 | 1625 | 1631 | rVB7 | 6837    | 9626    | 0.35%  | 0.037% |
| 59 | 13.004 | 1680 | 1686 | 1689 | rBV7 | 5890    | 13073   | 0.47%  | 0.050% |
| 60 | 13.028 | 1689 | 1690 | 1696 | rVV6 | 4184    | 6735    | 0.24%  | 0.026% |
| 61 | 13.087 | 1696 | 1700 | 1704 | rVB6 | 2335    | 3872    | 0.14%  | 0.015% |
| 62 | 13.363 | 1741 | 1747 | 1752 | rVB4 | 12795   | 22292   | 0.81%  | 0.085% |
| 63 | 13.481 | 1764 | 1767 | 1771 | rBV4 | 3088    | 4224    | 0.15%  | 0.016% |
| 64 | 13.622 | 1786 | 1791 | 1793 | rBV6 | 1893    | 2779    | 0.10%  | 0.011% |
| 65 | 13.722 | 1806 | 1808 | 1812 | rVB5 | 3015    | 3966    | 0.14%  | 0.015% |
| 66 | 13.834 | 1822 | 1827 | 1831 | rVB5 | 12723   | 18603   | 0.67%  | 0.071% |
| 67 | 13.940 | 1839 | 1845 | 1857 | rBV  | 1035467 | 1470063 | 53.24% | 5.616% |
| 68 | 14.222 | 1886 | 1893 | 1903 | rBV  | 1110928 | 1653563 | 59.89% | 6.317% |
| 69 | 14.322 | 1908 | 1910 | 1912 | rBV3 | 3377    | 3562    | 0.13%  | 0.014% |
| 70 | 14.404 | 1922 | 1924 | 1929 | rVB6 | 2389    | 3507    | 0.13%  | 0.013% |
| 71 | 14.522 | 1935 | 1944 | 1951 | rBV  | 517844  | 761656  | 27.59% | 2.910% |
| 72 | 14.834 | 1991 | 1997 | 2004 | rBV4 | 20507   | 57737   | 2.09%  | 0.221% |
| 73 | 14.916 | 2008 | 2011 | 2019 | rVB9 | 8582    | 20927   | 0.76%  | 0.080% |
| 74 | 15.122 | 2043 | 2046 | 2047 | rBV3 | 3683    | 3356    | 0.12%  | 0.013% |
| 75 | 15.145 | 2047 | 2050 | 2052 | rVV4 | 4251    | 5419    | 0.20%  | 0.021% |
| 76 | 15.298 | 2073 | 2076 | 2080 | rVB5 | 3879    | 4277    | 0.15%  | 0.016% |

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 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
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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\_P\Methods\SFAM-EPA-BP111023.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 15.351 | 2082 | 2085 | 2090 | rVB7 | 2805    | 4165    | 0.15%   | 0.016%  |
| 78 | 15.522 | 2106 | 2114 | 2132 | rBV  | 1521585 | 2089715 | 75.68%  | 7.983%  |
| 79 | 15.681 | 2135 | 2141 | 2151 | rBV  | 391353  | 625375  | 22.65%  | 2.389%  |
| 80 | 15.840 | 2166 | 2168 | 2174 | rVB6 | 2923    | 4770    | 0.17%   | 0.018%  |
| 81 | 16.357 | 2253 | 2256 | 2257 | rBV3 | 2727    | 3211    | 0.12%   | 0.012%  |
| 82 | 16.798 | 2328 | 2331 | 2335 | rBV4 | 4680    | 8430    | 0.31%   | 0.032%  |
| 83 | 16.957 | 2354 | 2358 | 2360 | rBV5 | 3265    | 4825    | 0.17%   | 0.018%  |
| 84 | 17.298 | 2410 | 2416 | 2427 | rBV  | 570922  | 834017  | 30.21%  | 3.186%  |
| 85 | 17.404 | 2427 | 2434 | 2450 | rVV  | 1655262 | 2344332 | 84.91%  | 8.956%  |
| 86 | 17.622 | 2470 | 2471 | 2477 | rBV6 | 2594    | 3116    | 0.11%   | 0.012%  |
| 87 | 18.151 | 2556 | 2561 | 2567 | rBV6 | 22749   | 40420   | 1.46%   | 0.154%  |
| 88 | 18.239 | 2574 | 2576 | 2581 | rVB6 | 5841    | 6657    | 0.24%   | 0.025%  |
| 89 | 19.228 | 2740 | 2744 | 2747 | rBV4 | 17651   | 22698   | 0.82%   | 0.087%  |
| 90 | 19.298 | 2753 | 2756 | 2760 | rVB2 | 19072   | 23883   | 0.86%   | 0.091%  |
| 91 | 19.392 | 2769 | 2772 | 2777 | rBV6 | 18127   | 30793   | 1.12%   | 0.118%  |
| 92 | 19.657 | 2811 | 2817 | 2826 | rBV  | 1946458 | 2549122 | 92.32%  | 9.738%  |
| 93 | 21.427 | 3114 | 3118 | 3127 | rVB  | 614609  | 796097  | 28.83%  | 3.041%  |
| 94 | 23.763 | 3508 | 3515 | 3526 | rVB2 | 1344805 | 2761101 | 100.00% | 10.548% |
| 95 | 23.927 | 3537 | 3543 | 3553 | rVB  | 453071  | 896666  | 32.47%  | 3.426%  |

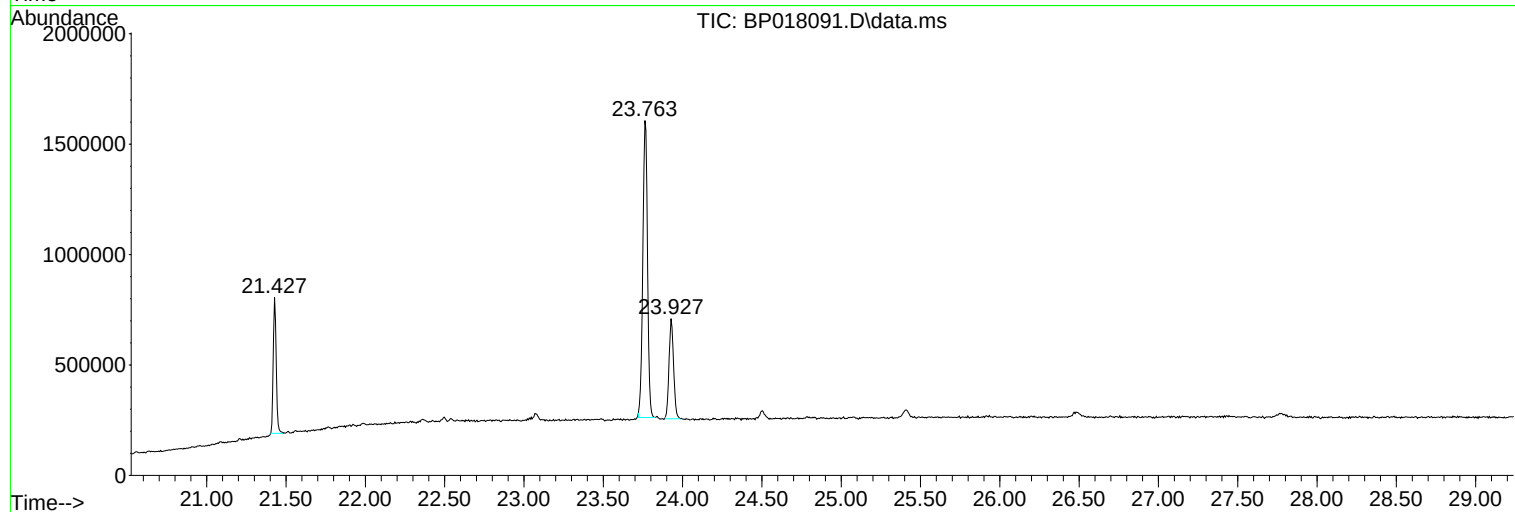
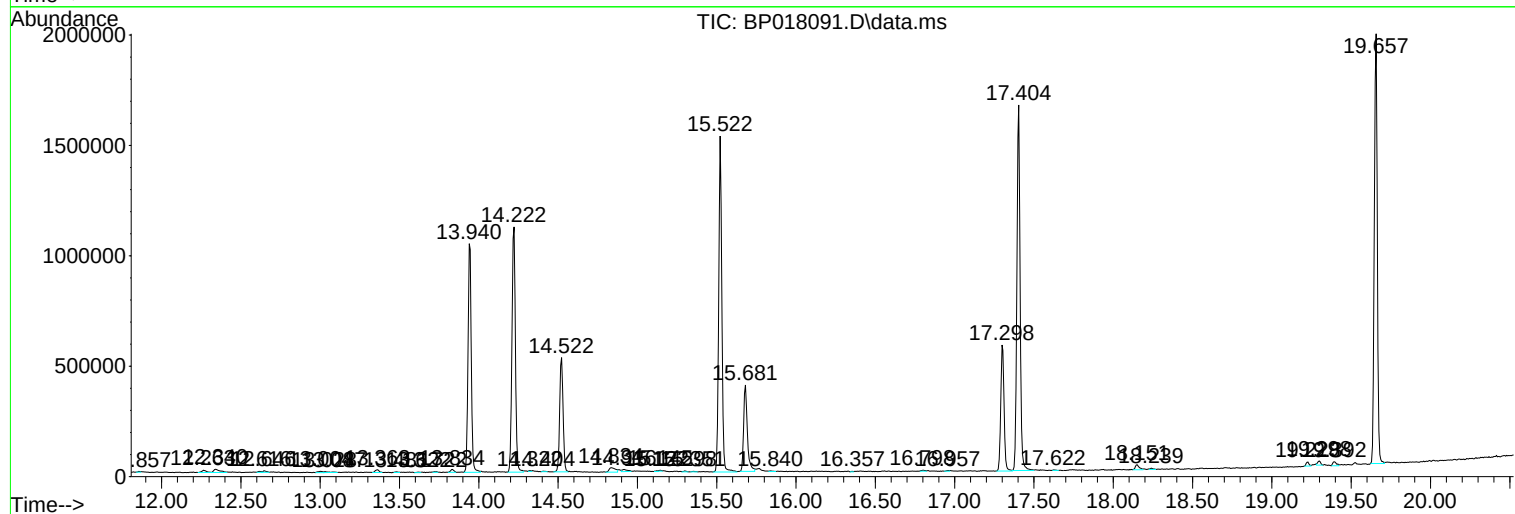
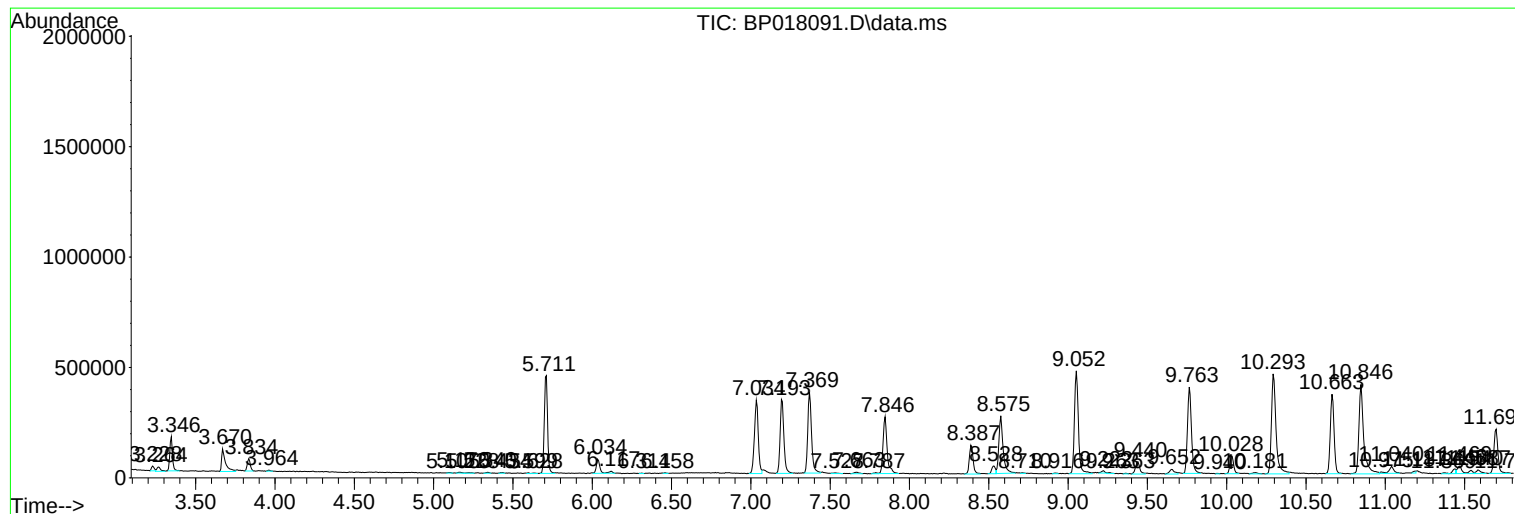
Sum of corrected areas: 26176190

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ALS Vial : 70 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
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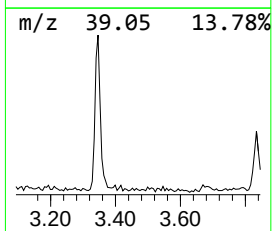
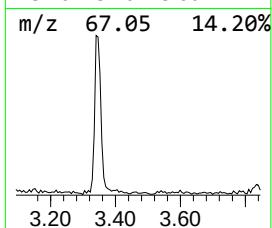
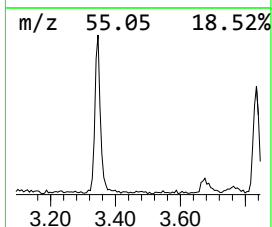
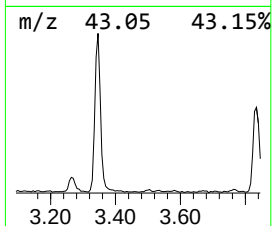
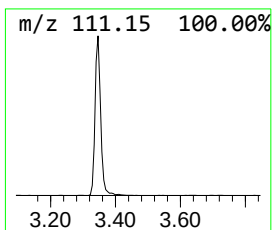
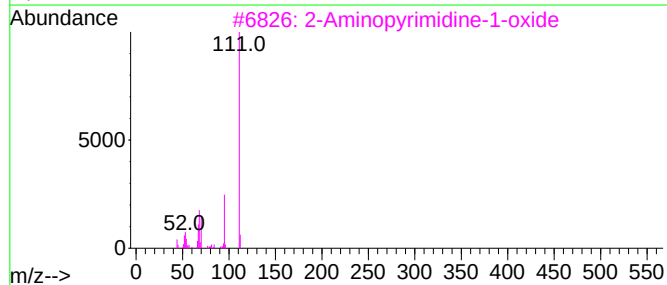
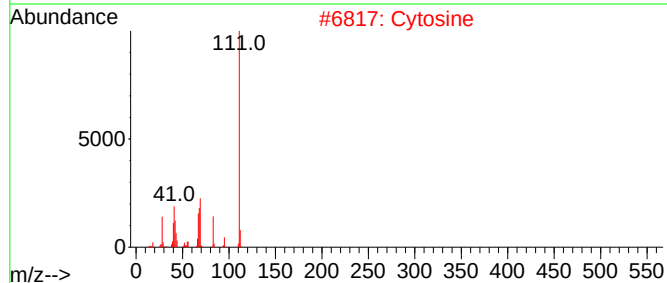
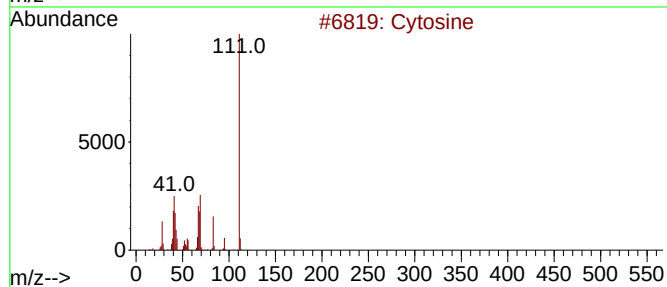
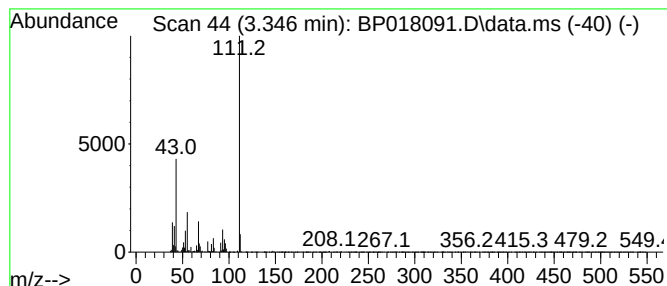
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Cytosine Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.346 | 7.97 ng/ul | 181932 | 1,4-Dichlorobenzene-d4 | 7.846 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Cytosine                     | 111 | C4H5N3O   | 000071-30-7 | 59   |
| 2    |    |   | Cytosine                     | 111 | C4H5N3O   | 000071-30-7 | 59   |
| 3    |    |   | 2-Aminopyrimidine-1-oxide    | 111 | C4H5N3O   | 035034-15-2 | 50   |
| 4    |    |   | Bruceantin                   | 548 | C28H36O11 | 041451-75-6 | 45   |
| 5    |    |   | 2(1H)-Pyridinone, 3-hydroxy- | 111 | C5H5N2O2  | 016867-04-2 | 42   |



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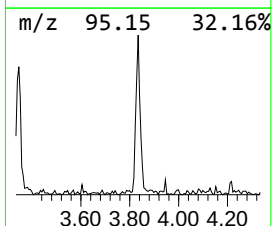
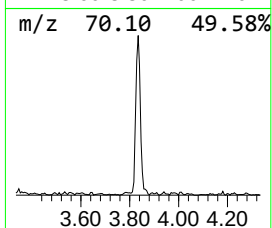
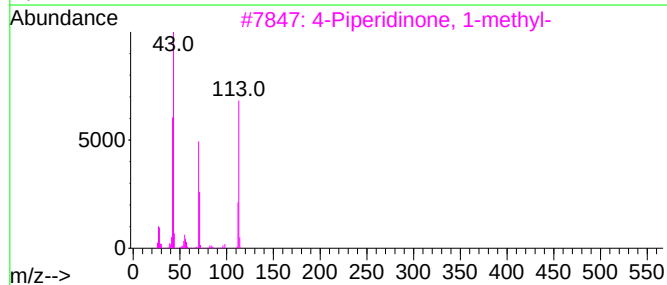
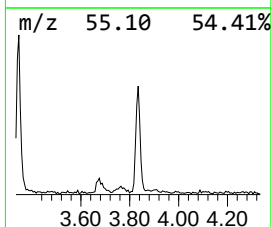
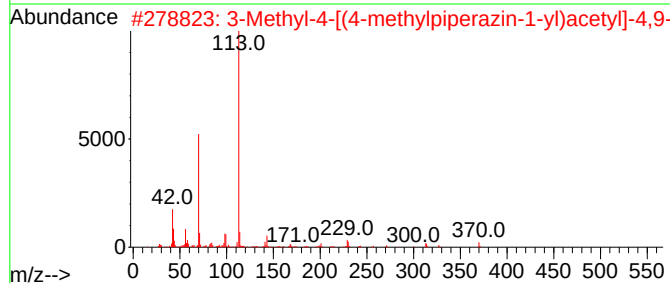
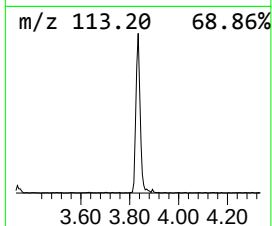
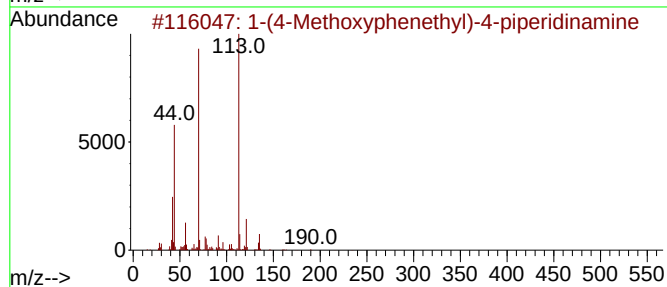
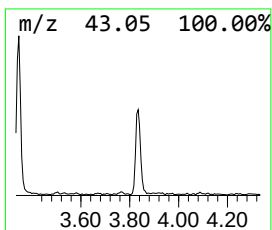
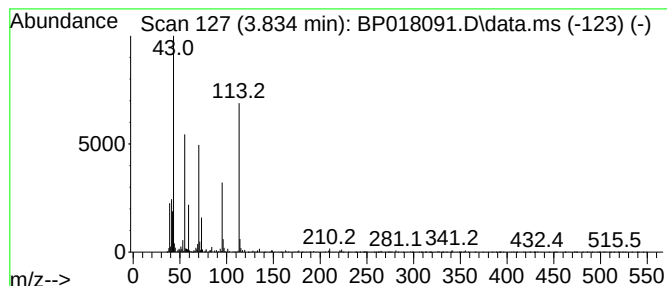
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 unknown-01 Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.834 | 3.23 ng/ul | 73757 | 1,4-Dichlorobenzene-d4 | 7.846 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-(4-Methoxyphenethyl)-4-piperid... | 234 | C14H22N2O   | 085098-70-0  | 49   |
| 2    |    |   | 3-Methyl-4-[(4-methylpiperazin-1... | 370 | C19H22N4O2S | 1000408-53-2 | 47   |
| 3    |    |   | 4-Piperidinone, 1-methyl-           | 113 | C6H11NO     | 001445-73-4  | 47   |
| 4    |    |   | 1-(2-Phenylethyl)-4-piperidinamine  | 204 | C13H20N2    | 051448-56-7  | 47   |
| 5    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O      | 015045-43-9  | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BH349

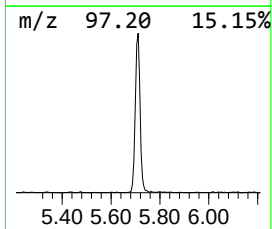
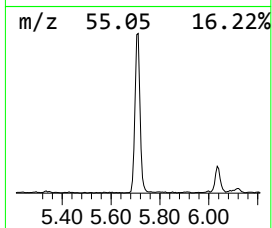
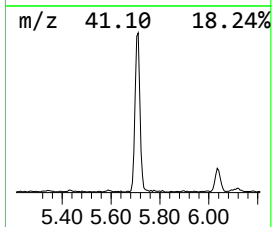
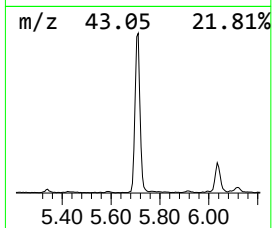
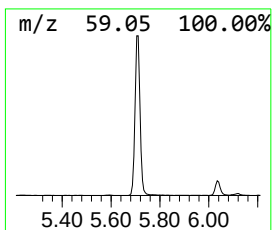
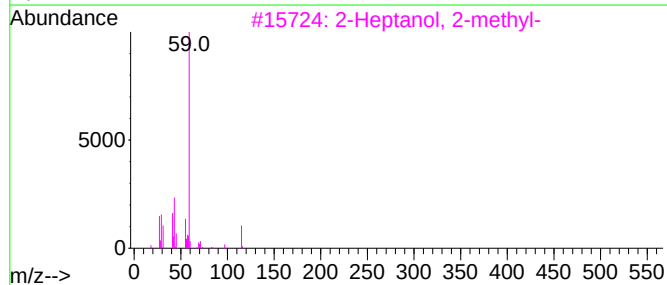
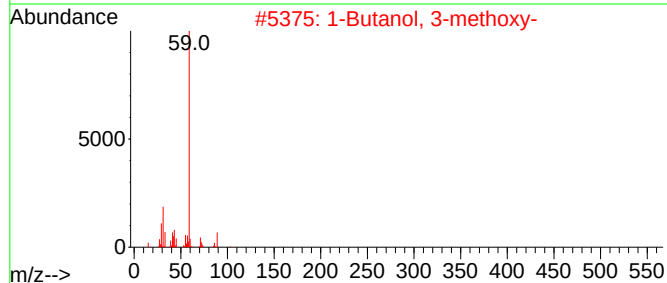
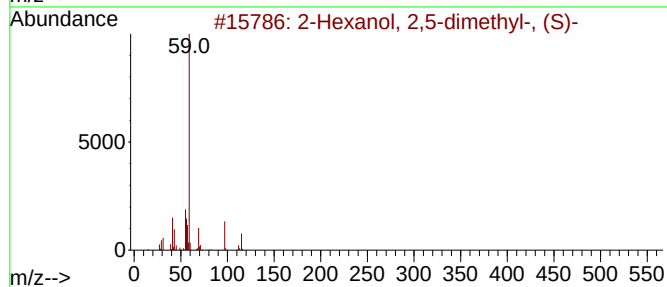
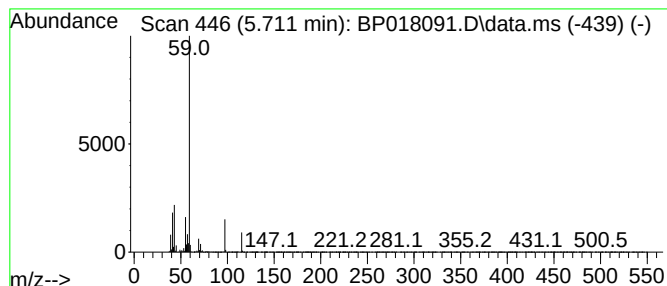
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 2-Hexanol, 2,5-dimethyl-, (S)- Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.711 | 27.73 ng/ul | 632543 | 1,4-Dichlorobenzene-d4 | 7.846 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Hexanol, 2,5-dimethyl-, (S)- | 130 | C8H18O  | 003730-60-7  | 74   |
| 2    |    |   | 1-Butanol, 3-methoxy-          | 104 | C5H12O2 | 002517-43-3  | 59   |
| 3    |    |   | 2-Heptanol, 2-methyl-          | 130 | C8H18O  | 000625-25-2  | 56   |
| 4    |    |   | 2-Decanol, methyl ether        | 172 | C11H24O | 1000333-83-9 | 45   |
| 5    |    |   | 2-Hexanol, 2-methyl-           | 116 | C7H16O  | 000625-23-0  | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BH349

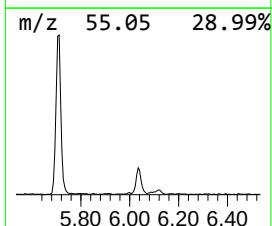
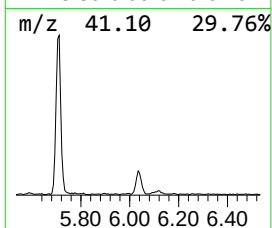
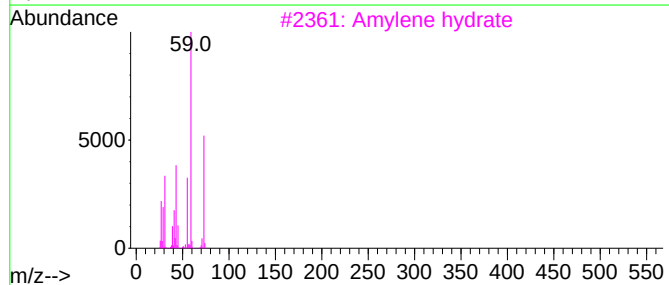
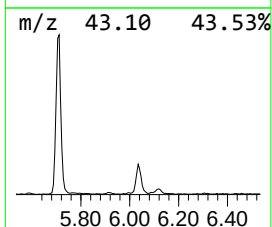
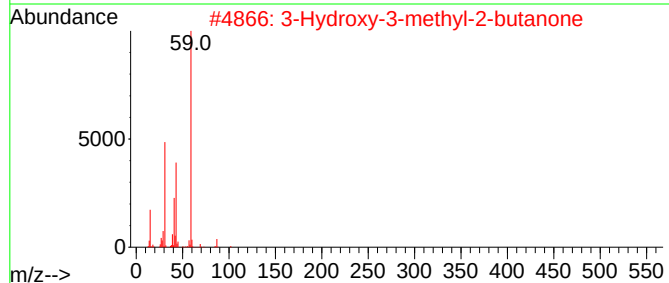
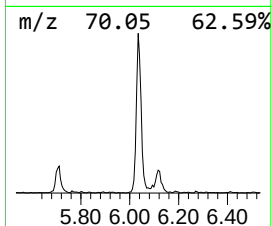
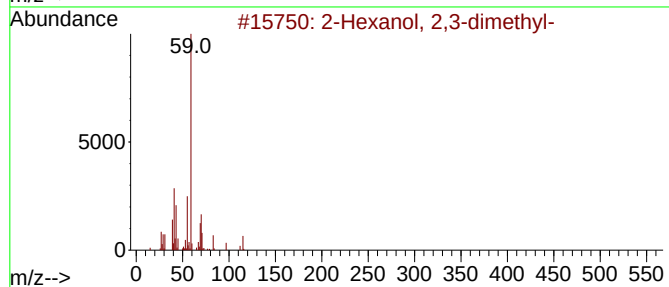
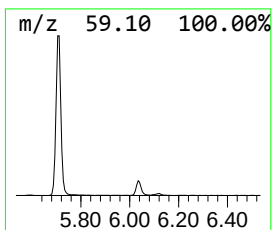
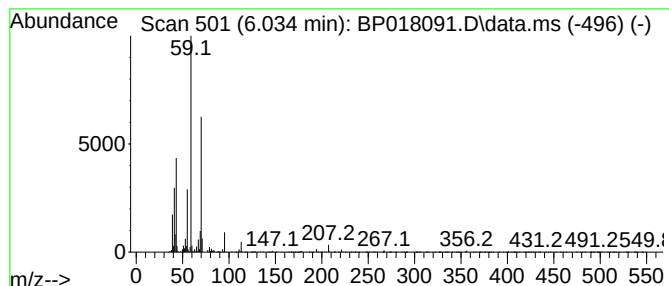
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 unknown-02 Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.034 | 4.15 ng/ul | 94640 | 1,4-Dichlorobenzene-d4 | 7.846 |

| Hit# | of                                 | 5 | Tentative ID | MW      | MolForm | CAS#        | Qual |
|------|------------------------------------|---|--------------|---------|---------|-------------|------|
| 1    | 2-Hexanol, 2,3-dimethyl-           |   | 130          | C8H18O  |         | 019550-03-9 | 38   |
| 2    | 3-Hydroxy-3-methyl-2-butanone      |   | 102          | C5H10O2 |         | 000115-22-0 | 32   |
| 3    | Amylene hydrate                    |   | 88           | C5H12O  |         | 000075-85-4 | 32   |
| 4    | .+/-.-trans-2-Cyclohexene-1,4-diol |   | 114          | C6H10O2 |         | 041513-32-0 | 27   |
| 5    | 6-Methylheptane-1,6-diol           |   | 146          | C8H18O2 |         | 005392-57-4 | 25   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

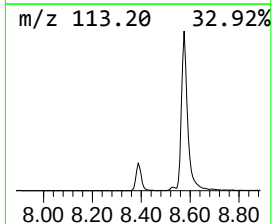
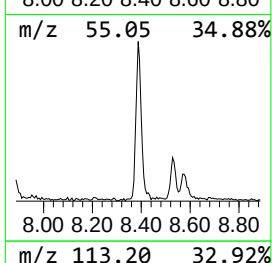
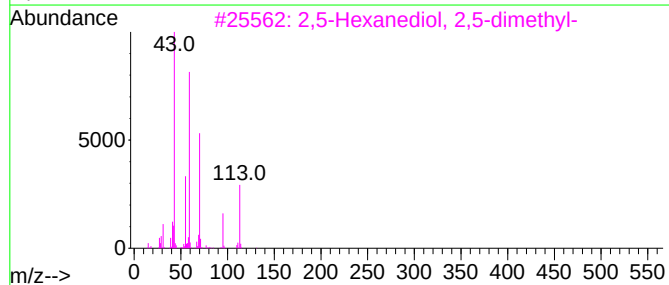
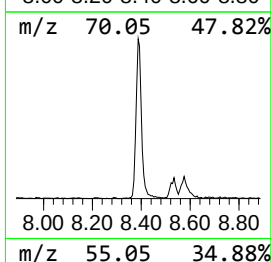
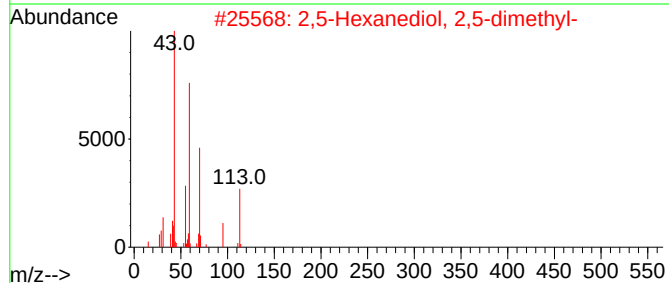
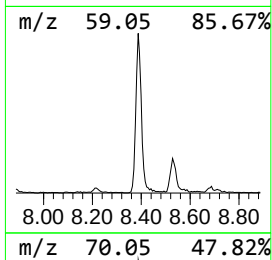
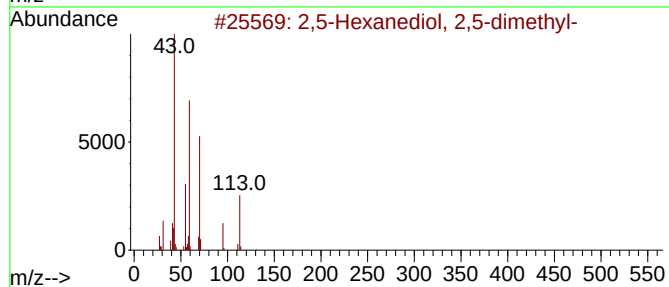
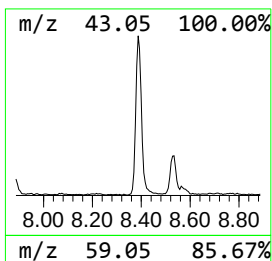
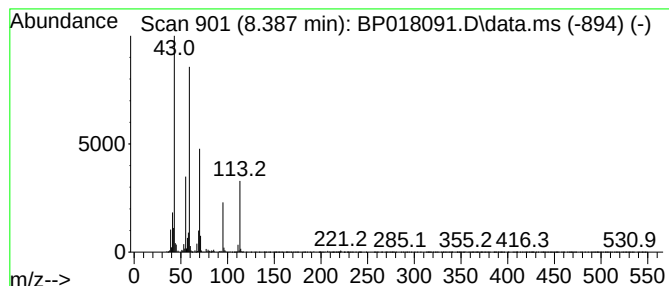
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 2,5-Hexanediol, 2,5-dimethyl- Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.387 | 9.43 ng/ul | 215229 | 1,4-Dichlorobenzene-d4 | 7.846 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2 | 000110-03-2 | 90   |
| 2    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2 | 000110-03-2 | 90   |
| 3    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2 | 000110-03-2 | 78   |
| 4    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2 | 000110-03-2 | 53   |
| 5    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O  | 015045-43-9 | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

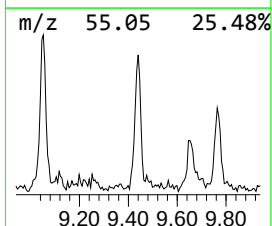
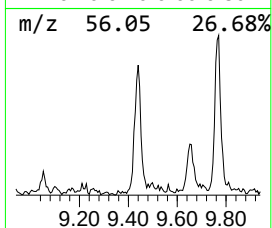
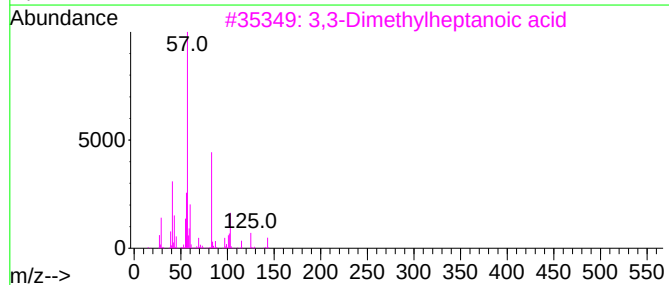
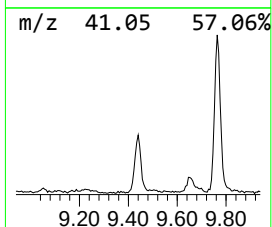
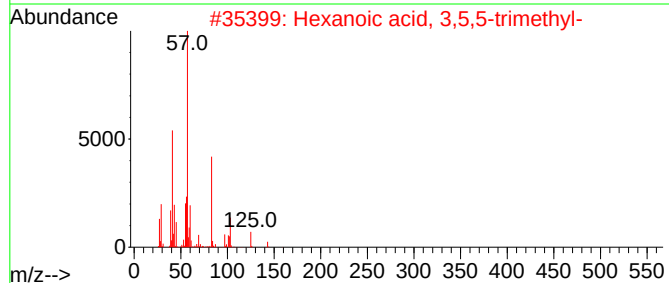
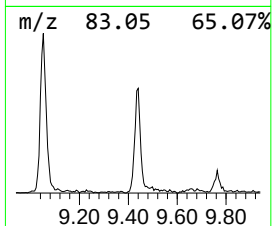
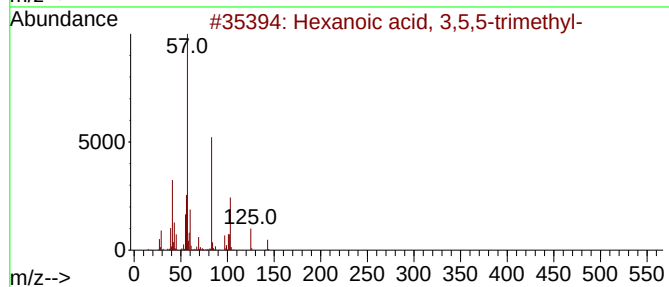
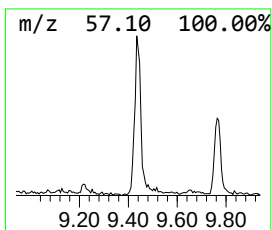
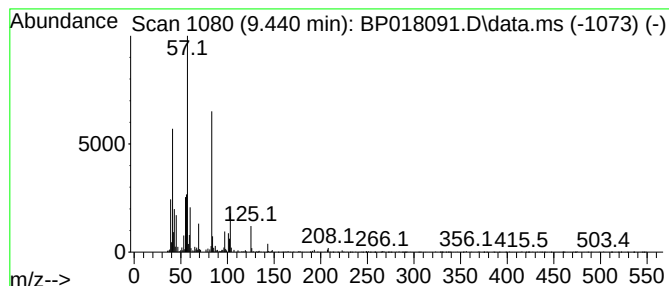
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Hexanoic acid, 3,5,5-trimet... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.440 | 3.51 ng/ul | 104539 | Naphthalene-d8   | 10.663 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 83   |
| 2    |    |   | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 83   |
| 3    |    |   | 3,3-Dimethylheptanoic acid      | 158 | C9H18O2 | 067061-30-7 | 64   |
| 4    |    |   | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 59   |
| 5    |    |   | Hexanoic acid, 3,5,5-trimethyl- | 158 | C9H18O2 | 003302-10-1 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

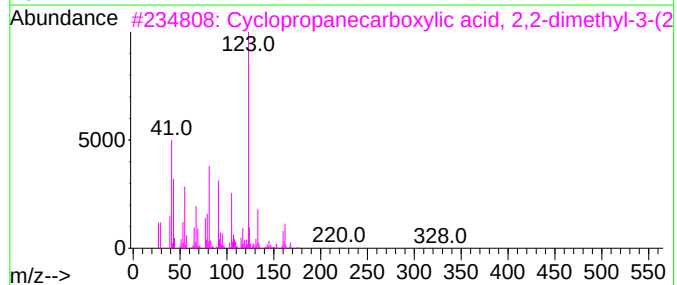
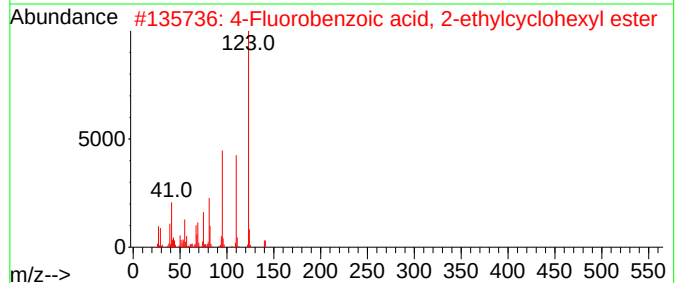
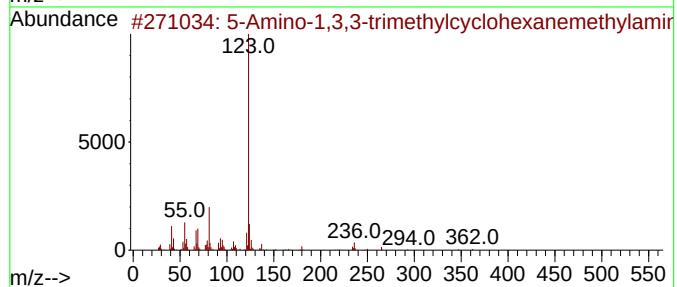
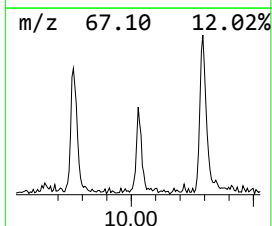
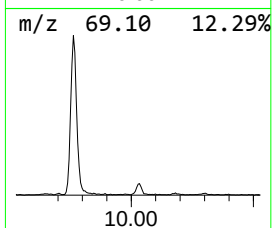
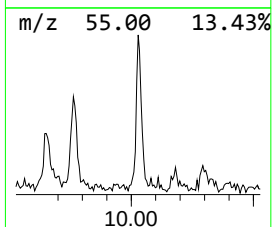
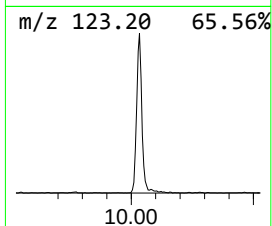
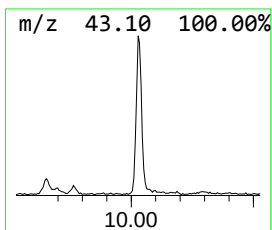
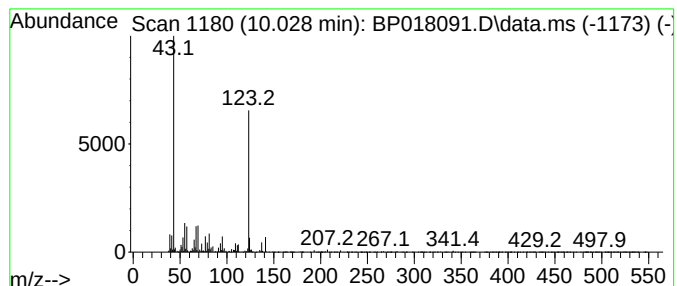
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 5-Amino-1,3,3-trimethylcycl... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.028 | 4.32 ng/ul | 128795 | Naphthalene-d8   | 10.663 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm       | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------------|--------------|------|
| 1    |    |   | 5-Amino-1,3,3-trimethylcyclohexa... | 362 | C14H20F6N2O2  | 1000454-06-3 | 59   |
| 2    |    |   | 4-Fluorobenzoic acid, 2-ethylcyc... | 250 | C15H19F02     | 1010279-06-0 | 53   |
| 3    |    |   | Cyclopropanecarboxylic acid, 2,2... | 328 | C21H28O3      | 000121-21-1  | 50   |
| 4    |    |   | 2-Fluorobenzoic acid, 3-pentadec... | 350 | C22H35F02     | 1000280-61-6 | 47   |
| 5    |    |   | 5-Amino-1,3,3-trimethylcyclohexa... | 462 | C16H20F10N2O2 | 1000454-06-0 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BH349

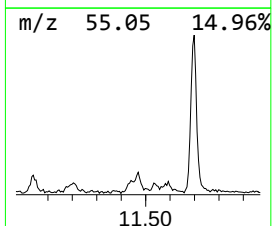
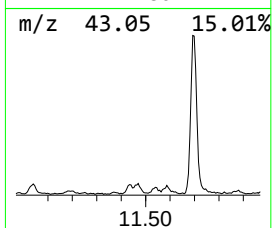
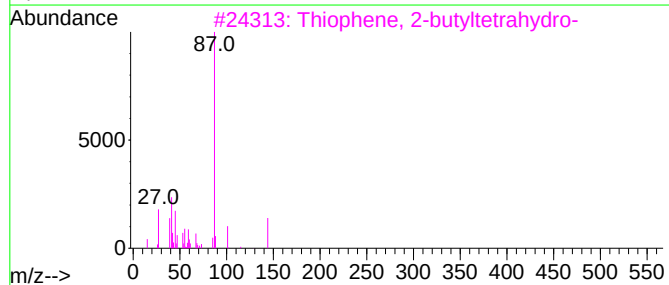
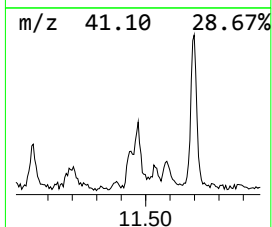
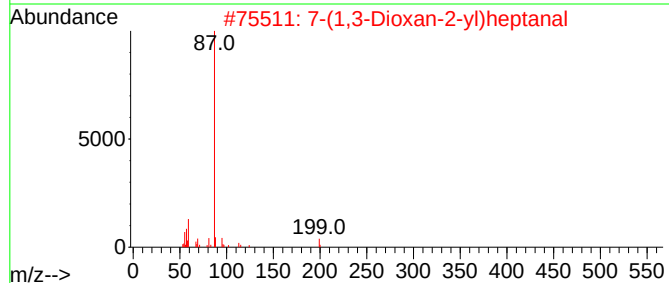
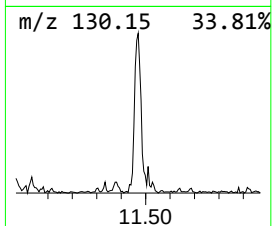
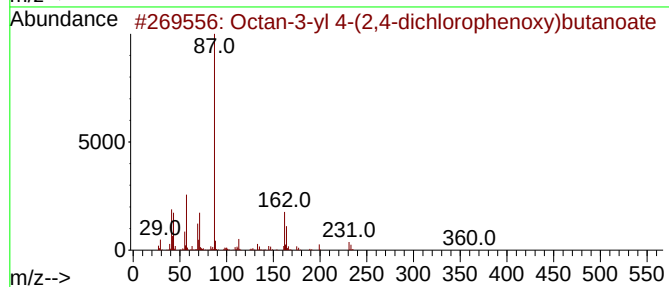
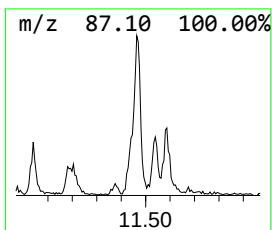
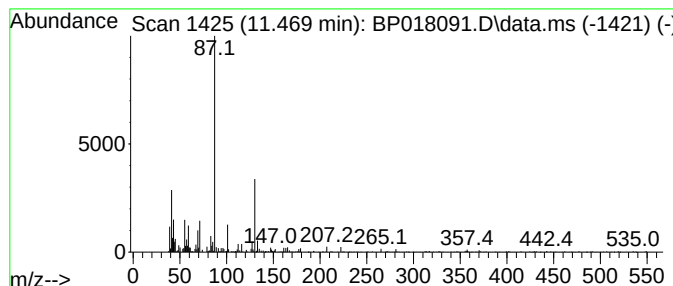
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 unknown-03 Concentration Rank 9

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 11.469 | 2.13 ng/ul | 63438 | Naphthalene-d8   | 10.663 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | Octan-3-yl 4-(2,4-dichlorophenox... | 360 | C18H26Cl2O3  | 1000497-00-7 | 49      |      |      |
| 2    | 7-(1,3-Dioxan-2-yl)heptanal         | 200 | C11H20O3     | 1000432-61-2 | 40      |      |      |
| 3    | Thiophene, 2-butyltetrahydro-       | 144 | C8H16S       | 001613-49-6  | 38      |      |      |
| 4    | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2      | 020325-97-7  | 38      |      |      |
| 5    | (2-Methyl-[1,3]dioxolan-2-yl)-ac... | 222 | C12H14O4     | 1000189-52-7 | 38      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BH349

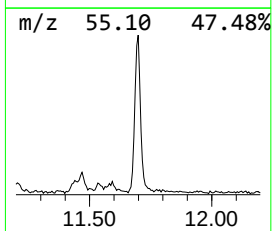
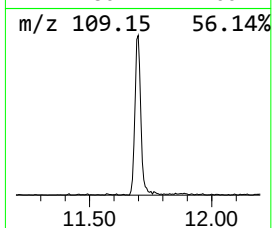
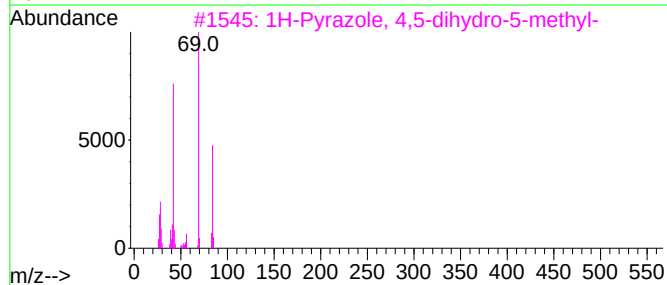
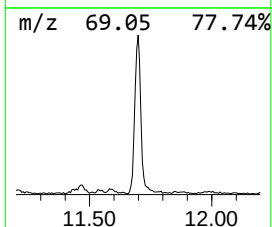
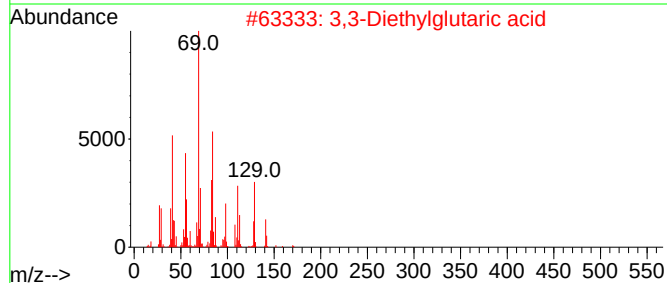
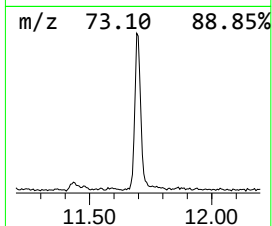
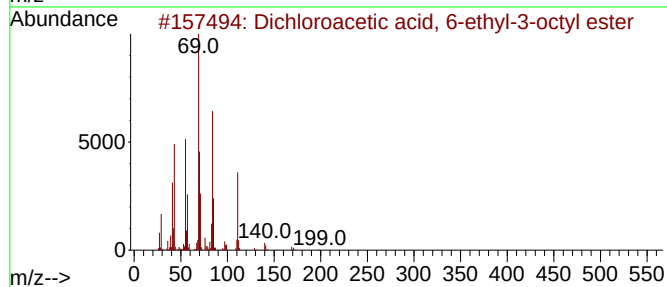
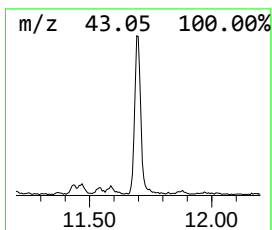
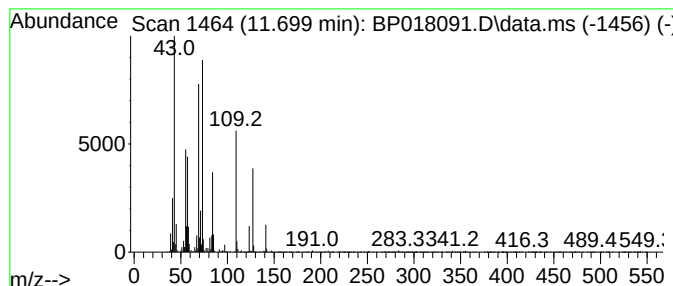
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 unknown-04 Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 11.699    | 11.53 ng/ul                         | 343550 | Naphthalene-d8   | 10.663       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Dichloroacetic acid, 6-ethyl-3-o... | 268    | C12H22Cl2O2      | 1000282-56-6 | 32   |
| 2         | 3,3-Diethylglutaric acid            | 188    | C9H16O4          | 004160-95-6  | 32   |
| 3         | 1H-Pyrazole, 4,5-dihydro-5-methyl-  | 84     | C4H8N2           | 001568-20-3  | 27   |
| 4         | Ethanone, 1-cyclopropyl-            | 84     | C5H8O            | 000765-43-5  | 27   |
| 5         | Formic acid, 4-methylpent-2-yl e... | 130    | C7H14O2          | 1000367-94-0 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018091.D  
Acq On : 12 Nov 2023 05:55  
Operator : MA/JU  
Sample : 05158-06  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BH349

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.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 |
| Cytosine           | 3.346  | 8.0     | ng/ul | 181932   | 1                     | 7.846  | 456298 | 20.0 |
| unknown-01         | 3.834  | 3.2     | ng/ul | 73757    | 1                     | 7.846  | 456298 | 20.0 |
| 2-Hexanol, 2,5-... | 5.711  | 27.7    | ng/ul | 632543   | 1                     | 7.846  | 456298 | 20.0 |
| unknown-02         | 6.034  | 4.2     | ng/ul | 94640    | 1                     | 7.846  | 456298 | 20.0 |
| 2,5-Hexanediol,... | 8.387  | 9.4     | ng/ul | 215229   | 1                     | 7.846  | 456298 | 20.0 |
| Hexanoic acid, ... | 9.440  | 3.5     | ng/ul | 104539   | 2                     | 10.663 | 595978 | 20.0 |
| 5-Amino-1,3,3-t... | 10.028 | 4.3     | ng/ul | 128795   | 2                     | 10.663 | 595978 | 20.0 |
| unknown-03         | 11.469 | 2.1     | ng/ul | 63438    | 2                     | 10.663 | 595978 | 20.0 |
| unknown-04         | 11.699 | 11.5    | ng/ul | 343550   | 2                     | 10.663 | 595978 | 20.0 |