

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082823\  
 Data File : BP016808.D  
 Acq On : 29 Aug 2023 00:22  
 Operator : MA/JU  
 Sample : 04134-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHJ6

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-BP082423.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016808.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         | 3.381       | 12            | 16          | 24           | rVB      | 83607          | 116713        | 0.95%           | 0.119%        |
| 2         | 3.822       | 87            | 91          | 109          | rBV      | 305793         | 543213        | 4.42%           | 0.552%        |
| 3         | 4.017       | 120           | 124         | 131          | rVB      | 39779          | 60876         | 0.50%           | 0.062%        |
| 4         | 4.134       | 140           | 144         | 150          | rBV3     | 16111          | 27691         | 0.23%           | 0.028%        |
| 5         | 5.075       | 299           | 304         | 307          | rBV      | 11687          | 18538         | 0.15%           | 0.019%        |
| 6         | 5.116       | 307           | 311         | 316          | rVB2     | 10304          | 15341         | 0.12%           | 0.016%        |
| 7         | 5.269       | 331           | 337         | 345          | rBV      | 202066         | 321840        | 2.62%           | 0.327%        |
| 8         | 6.652       | 567           | 572         | 578          | rBV2     | 21724          | 34326         | 0.28%           | 0.035%        |
| 9         | 7.169       | 654           | 660         | 674          | rVB      | 398486         | 643083        | 5.23%           | 0.653%        |
| 10        | 7.369       | 685           | 694         | 705          | rBV      | 1466237        | 2304247       | 18.75%          | 2.340%        |
| 11        | 7.546       | 716           | 724         | 736          | rBV      | 1383213        | 2206864       | 17.96%          | 2.241%        |
| 12        | 7.646       | 738           | 741         | 748          | rVB7     | 8726           | 14883         | 0.12%           | 0.015%        |
| 13        | 8.028       | 799           | 806         | 814          | rBV      | 1135269        | 1777826       | 14.47%          | 1.806%        |
| 14        | 8.734       | 917           | 926         | 938          | rBV      | 1070223        | 1760663       | 14.33%          | 1.788%        |
| 15        | 9.228       | 1000          | 1010        | 1021         | rBV      | 1789201        | 2901774       | 23.61%          | 2.947%        |
| 16        | 9.940       | 1124          | 1131        | 1145         | rBV      | 1386142        | 2287512       | 18.61%          | 2.323%        |
| 17        | 10.463      | 1211          | 1220        | 1237         | rBV      | 1989071        | 3367622       | 27.40%          | 3.420%        |
| 18        | 10.857      | 1280          | 1287        | 1295         | rBV      | 1653609        | 2774103       | 22.57%          | 2.817%        |
| 19        | 11.016      | 1306          | 1314        | 1329         | rBV      | 1144850        | 1967441       | 16.01%          | 1.998%        |
| 20        | 11.675      | 1420          | 1426        | 1435         | rBV2     | 78637          | 127508        | 1.04%           | 0.129%        |
| 21        | 11.946      | 1466          | 1472        | 1476         | rVV5     | 9161           | 12791         | 0.10%           | 0.013%        |
| 22        | 12.010      | 1480          | 1483        | 1488         | rVB6     | 9022           | 15200         | 0.12%           | 0.015%        |
| 23        | 12.128      | 1498          | 1503        | 1512         | rVB6     | 8713           | 18871         | 0.15%           | 0.019%        |
| 24        | 12.434      | 1547          | 1555        | 1561         | rVB2     | 37779          | 70868         | 0.58%           | 0.072%        |
| 25        | 12.728      | 1598          | 1605        | 1609         | rBV8     | 8327           | 17987         | 0.15%           | 0.018%        |
| 26        | 13.528      | 1734          | 1741        | 1746         | rBV3     | 33602          | 58619         | 0.48%           | 0.060%        |
| 27        | 13.645      | 1754          | 1761        | 1767         | rVB7     | 6298           | 12745         | 0.10%           | 0.013%        |
| 28        | 14.092      | 1830          | 1837        | 1851         | rBV      | 4238638        | 5904481       | 48.04%          | 5.997%        |
| 29        | 14.381      | 1879          | 1886        | 1904         | rBV2     | 4699520        | 6933955       | 56.42%          | 7.042%        |
| 30        | 14.681      | 1930          | 1937        | 1944         | rBV      | 2617995        | 3820132       | 31.08%          | 3.880%        |
| 31        | 14.745      | 1944          | 1948        | 1953         | rVB      | 53931          | 80611         | 0.66%           | 0.082%        |
| 32        | 14.834      | 1959          | 1963        | 1967         | rVB2     | 20230          | 26209         | 0.21%           | 0.027%        |
| 33        | 14.887      | 1967          | 1972        | 1988         | rBV      | 257420         | 524128        | 4.26%           | 0.532%        |
| 34        | 15.081      | 2001          | 2005        | 2009         | rBV2     | 19009          | 25068         | 0.20%           | 0.025%        |
| 35        | 15.216      | 2024          | 2028        | 2033         | rBV4     | 19637          | 25998         | 0.21%           | 0.026%        |
| 36        | 15.416      | 2057          | 2062        | 2068         | rVB2     | 40343          | 67468         | 0.55%           | 0.069%        |

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Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHJ6

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-BP082423.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |         |
|----|--------|------|------|------|------|---------|----------|---------|---------|
| 37 | 15.492 | 2072 | 2075 | 2081 | rVB7 | 10237   | 16194    | 0.13%   | 0.016%  |
| 38 | 15.675 | 2099 | 2106 | 2114 | rBV  | 6231293 | 9233154  | 75.13%  | 9.377%  |
| 39 | 15.734 | 2114 | 2116 | 2121 | rVV2 | 55983   | 88826    | 0.72%   | 0.090%  |
| 40 | 15.798 | 2121 | 2127 | 2142 | rVV  | 1977545 | 2703049  | 21.99%  | 2.745%  |
| 41 | 15.916 | 2143 | 2147 | 2152 | rVB2 | 34006   | 53544    | 0.44%   | 0.054%  |
| 42 | 16.251 | 2201 | 2204 | 2210 | rVB8 | 10524   | 17319    | 0.14%   | 0.018%  |
| 43 | 17.075 | 2339 | 2344 | 2347 | rVV2 | 42842   | 66330    | 0.54%   | 0.067%  |
| 44 | 17.110 | 2347 | 2350 | 2359 | rVB4 | 22689   | 41597    | 0.34%   | 0.042%  |
| 45 | 17.328 | 2383 | 2387 | 2392 | rVB3 | 22849   | 33252    | 0.27%   | 0.034%  |
| 46 | 17.451 | 2401 | 2408 | 2418 | rBV  | 3270214 | 4749854  | 38.65%  | 4.824%  |
| 47 | 17.551 | 2418 | 2425 | 2439 | rVV2 | 7419477 | 10403625 | 84.65%  | 10.566% |
| 48 | 17.869 | 2475 | 2479 | 2487 | rVB  | 81666   | 118731   | 0.97%   | 0.121%  |
| 49 | 18.075 | 2511 | 2514 | 2519 | rBV6 | 15414   | 22273    | 0.18%   | 0.023%  |
| 50 | 18.286 | 2547 | 2550 | 2555 | rBV3 | 35430   | 50020    | 0.41%   | 0.051%  |
| 51 | 18.810 | 2635 | 2639 | 2643 | rBV5 | 29991   | 44705    | 0.36%   | 0.045%  |
| 52 | 19.357 | 2728 | 2732 | 2736 | rVB2 | 94440   | 126208   | 1.03%   | 0.128%  |
| 53 | 19.422 | 2739 | 2743 | 2748 | rBV  | 82678   | 112258   | 0.91%   | 0.114%  |
| 54 | 19.522 | 2757 | 2760 | 2764 | rBV5 | 33912   | 36411    | 0.30%   | 0.037%  |
| 55 | 19.786 | 2799 | 2805 | 2817 | rBV  | 9437028 | 12289726 | 100.00% | 12.481% |
| 56 | 21.545 | 3099 | 3104 | 3112 | rBV  | 3534081 | 4486411  | 36.51%  | 4.556%  |
| 57 | 23.945 | 3504 | 3512 | 3524 | rVB  | 4335426 | 9118808  | 74.20%  | 9.261%  |
| 58 | 24.115 | 3534 | 3541 | 3554 | rVB  | 1734857 | 3764949  | 30.63%  | 3.824%  |

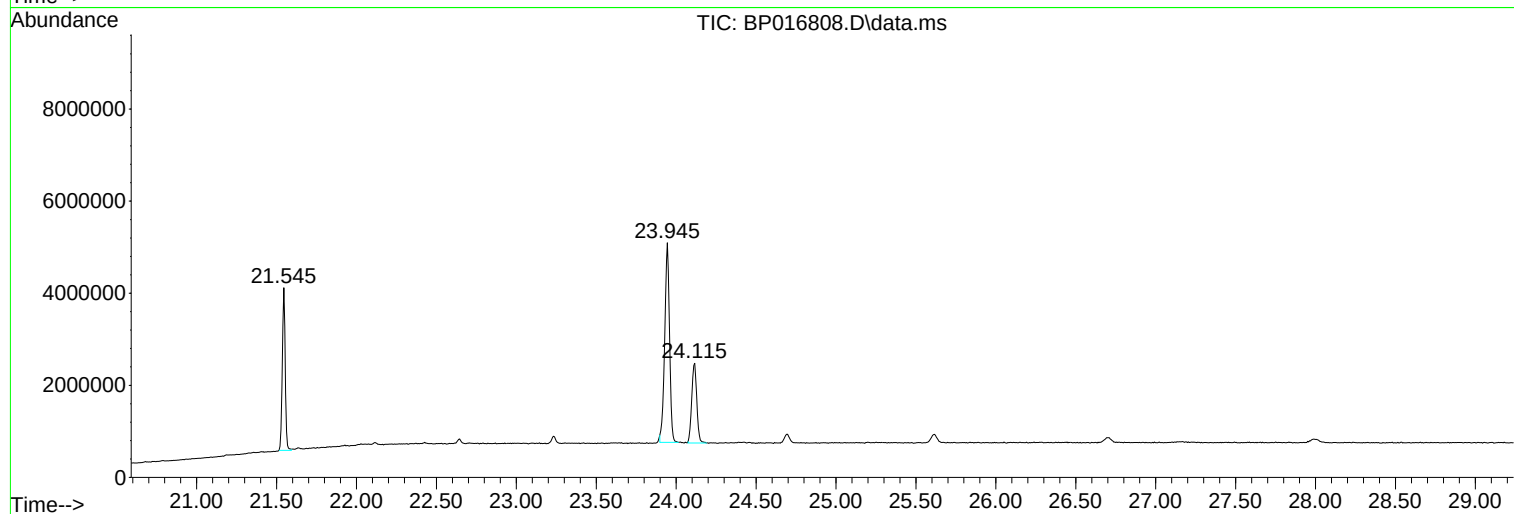
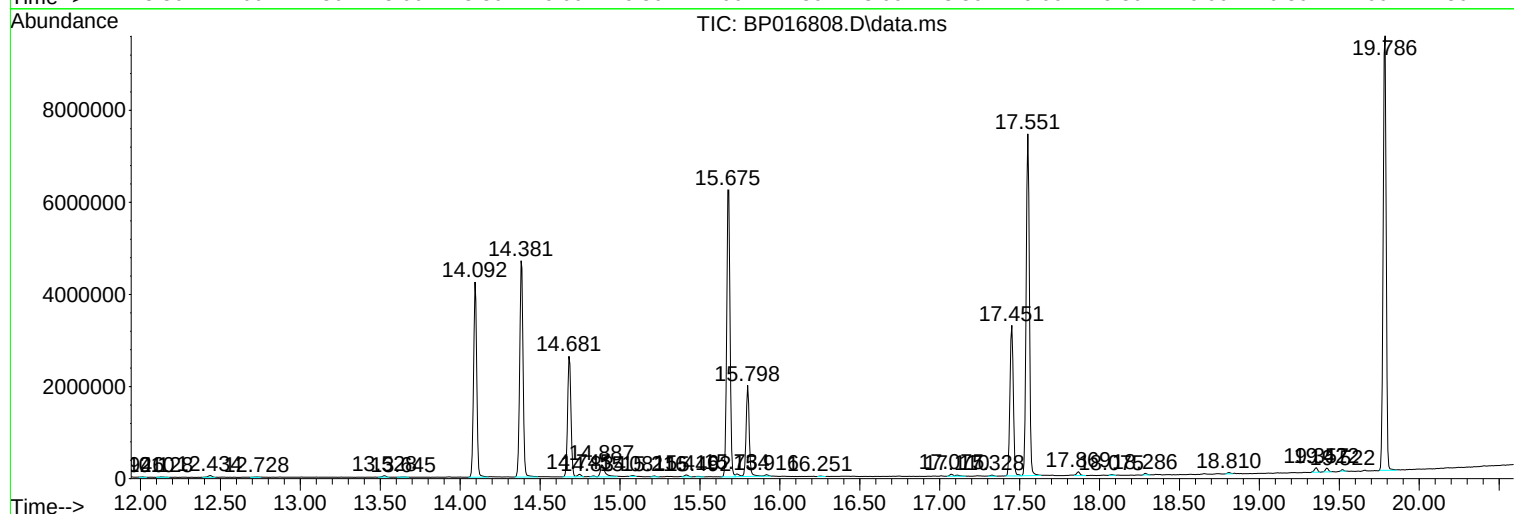
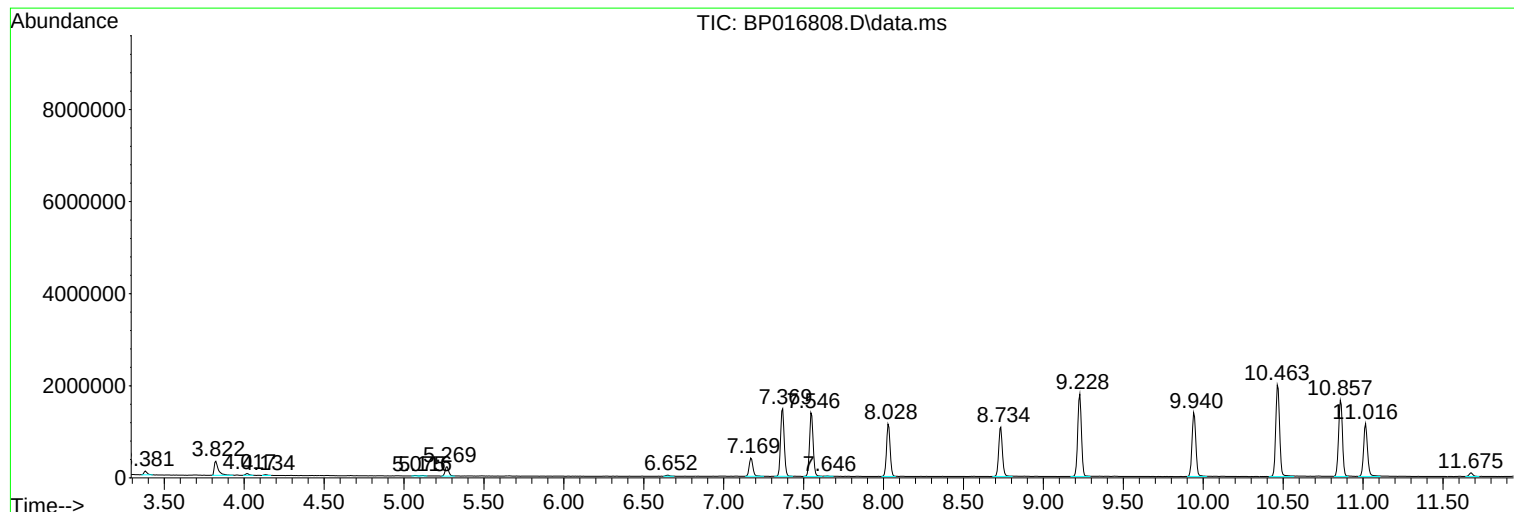
Sum of corrected areas: 98464439

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Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.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\BP082823\  
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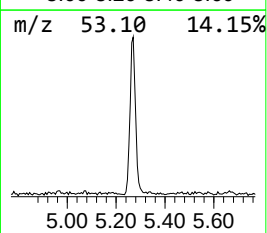
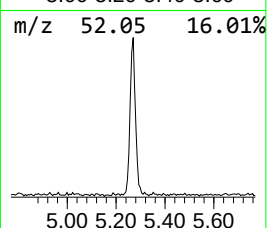
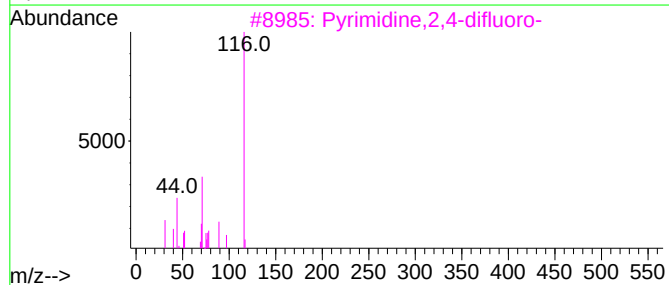
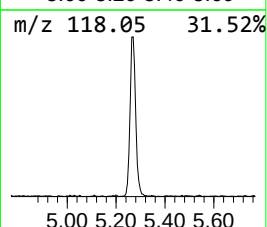
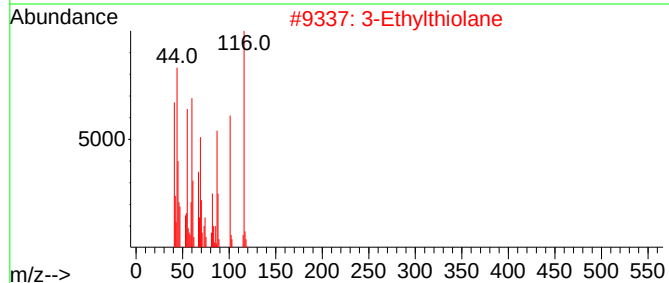
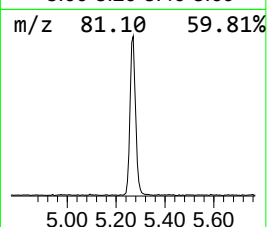
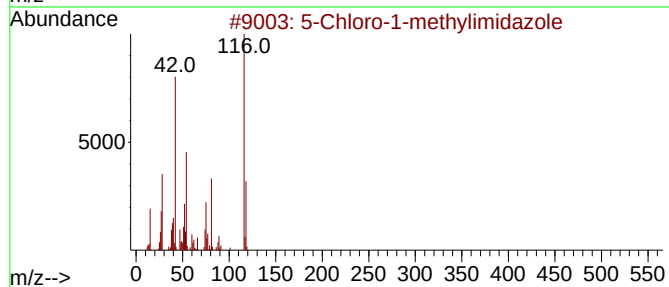
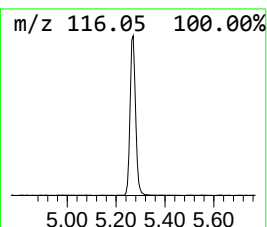
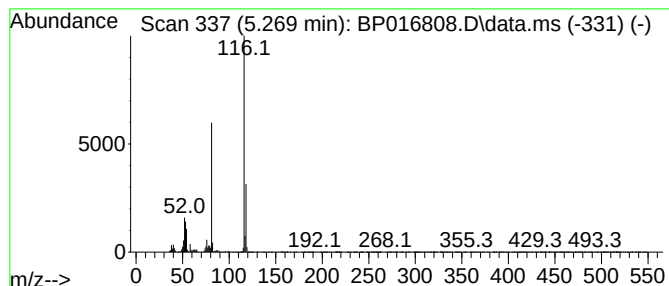
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 5-Chloro-1-methylimidazole Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 5.269 | 3.62 ng/ul | 321840 | 1,4-Dichlorobenzene-d4 | 8.028 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|----------|-------------|------|
| 1    |    |   | 5-Chloro-1-methylimidazole        | 116 | C4H5ClN2 | 000872-49-1 | 50   |
| 2    |    |   | 3-Ethylthiolane                   | 116 | C6H12S   | 062184-67-2 | 9    |
| 3    |    |   | Pyrimidine,2,4-difluoro-          | 116 | C4H2F2N2 | 002802-61-1 | 9    |
| 4    |    |   | 2-Tetrazene, 1,1,4,4-tetramethyl- | 116 | C4H12N4  | 006130-87-6 | 9    |
| 5    |    |   | 4-Imidazolidinone, 2-thioxo-      | 116 | C3H4N2OS | 000503-87-7 | 5    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| 5-Chloro-1-meth... | 5.269 | 3.6     | ng/u1 | 321840   | 1                     | 8.028 | 1777830 | 20.0 |