

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100423\  
 Data File : BG059277.D  
 Acq On : 4 Oct 2023 12:15  
 Operator : MA/JU  
 Sample : 04480-14  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBBN4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG059277.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         | 3.491       | 12            | 17          | 20           | rBV4     | 12529          | 19404         | 0.74%           | 0.124%        |
| 2         | 3.879       | 81            | 83          | 86           | rBV2     | 4199           | 4098          | 0.16%           | 0.026%        |
| 3         | 3.967       | 93            | 98          | 109          | rBV      | 53908          | 98765         | 3.76%           | 0.632%        |
| 4         | 4.178       | 131           | 134         | 139          | rVB6     | 7797           | 10027         | 0.38%           | 0.064%        |
| 5         | 4.407       | 171           | 173         | 176          | rBV3     | 3885           | 4619          | 0.18%           | 0.030%        |
| 6         | 4.560       | 197           | 199         | 202          | rBV      | 3630           | 4124          | 0.16%           | 0.026%        |
| 7         | 4.836       | 240           | 246         | 262          | rBV      | 1445629        | 2624131       | 100.00%         | 16.783%       |
| 8         | 5.242       | 311           | 315         | 319          | rVB5     | 3706           | 6034          | 0.23%           | 0.039%        |
| 9         | 5.324       | 327           | 329         | 335          | rVB4     | 4095           | 5625          | 0.21%           | 0.036%        |
| 10        | 5.453       | 345           | 351         | 355          | rVB7     | 5064           | 8967          | 0.34%           | 0.057%        |
| 11        | 5.823       | 408           | 414         | 420          | rBV5     | 11136          | 22944         | 0.87%           | 0.147%        |
| 12        | 6.141       | 464           | 468         | 471          | rVB3     | 1986           | 3182          | 0.12%           | 0.020%        |
| 13        | 6.429       | 514           | 517         | 520          | rVB3     | 3043           | 4199          | 0.16%           | 0.027%        |
| 14        | 6.611       | 545           | 548         | 551          | rBV3     | 5053           | 5716          | 0.22%           | 0.037%        |
| 15        | 6.687       | 555           | 561         | 567          | rVV4     | 6766           | 13808         | 0.53%           | 0.088%        |
| 16        | 6.793       | 576           | 579         | 584          | rVB4     | 9496           | 12994         | 0.50%           | 0.083%        |
| 17        | 7.175       | 640           | 644         | 645          | rBV2     | 2772           | 3526          | 0.13%           | 0.023%        |
| 18        | 7.187       | 645           | 646         | 650          | rVB3     | 3887           | 3184          | 0.12%           | 0.020%        |
| 19        | 7.245       | 652           | 656         | 658          | rBV3     | 3608           | 5084          | 0.19%           | 0.033%        |
| 20        | 7.310       | 662           | 667         | 669          | rVV4     | 10427          | 15724         | 0.60%           | 0.101%        |
| 21        | 7.357       | 671           | 675         | 681          | rVB2     | 40890          | 64751         | 2.47%           | 0.414%        |
| 22        | 7.480       | 694           | 696         | 701          | rVB3     | 3059           | 4755          | 0.18%           | 0.030%        |
| 23        | 7.551       | 702           | 708         | 714          | rVV      | 151527         | 254667        | 9.70%           | 1.629%        |
| 24        | 7.598       | 714           | 716         | 719          | rVB2     | 5018           | 4363          | 0.17%           | 0.028%        |
| 25        | 7.657       | 724           | 726         | 729          | rVB3     | 3190           | 3250          | 0.12%           | 0.021%        |
| 26        | 7.751       | 735           | 742         | 752          | rVB      | 130962         | 234051        | 8.92%           | 1.497%        |
| 27        | 8.044       | 789           | 792         | 795          | rBV5     | 3227           | 4419          | 0.17%           | 0.028%        |
| 28        | 8.085       | 795           | 799         | 800          | rVV3     | 5426           | 6583          | 0.25%           | 0.042%        |
| 29        | 8.115       | 800           | 804         | 811          | rVB3     | 14469          | 26309         | 1.00%           | 0.168%        |
| 30        | 8.232       | 817           | 824         | 832          | rVB      | 170966         | 289070        | 11.02%          | 1.849%        |
| 31        | 8.344       | 837           | 843         | 844          | rBV2     | 4819           | 8725          | 0.33%           | 0.056%        |
| 32        | 8.409       | 851           | 854         | 857          | rVB3     | 3967           | 5474          | 0.21%           | 0.035%        |
| 33        | 8.450       | 860           | 861         | 863          | rBV      | 3744           | 3207          | 0.12%           | 0.021%        |
| 34        | 8.620       | 888           | 890         | 893          | rVB3     | 3410           | 3531          | 0.13%           | 0.023%        |
| 35        | 8.673       | 897           | 899         | 903          | rVV3     | 5515           | 7476          | 0.28%           | 0.048%        |
| 36        | 8.744       | 907           | 911         | 916          | rVB3     | 4586           | 8970          | 0.34%           | 0.057%        |

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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\_G\Methods\SFAM-EPA-BG092723.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 8.814  | 921  | 923  | 927  | rBV3 | 5216   | 3629   | 0.14%  | 0.023% |
| 38 | 8.920  | 935  | 941  | 953  | rVB  | 110412 | 203196 | 7.74%  | 1.300% |
| 39 | 9.049  | 958  | 963  | 966  | rBV5 | 7536   | 13069  | 0.50%  | 0.084% |
| 40 | 9.125  | 973  | 976  | 980  | rBV3 | 2037   | 3255   | 0.12%  | 0.021% |
| 41 | 9.261  | 994  | 999  | 1001 | rBV4 | 4220   | 7972   | 0.30%  | 0.051% |
| 42 | 9.425  | 1019 | 1027 | 1035 | rBV2 | 176927 | 317177 | 12.09% | 2.029% |
| 43 | 9.507  | 1038 | 1041 | 1044 | rVB5 | 3023   | 3641   | 0.14%  | 0.023% |
| 44 | 9.631  | 1061 | 1062 | 1068 | rVB5 | 4069   | 5210   | 0.20%  | 0.033% |
| 45 | 9.725  | 1074 | 1078 | 1080 | rVB2 | 3515   | 3376   | 0.13%  | 0.022% |
| 46 | 9.795  | 1089 | 1090 | 1094 | rVV3 | 3983   | 5033   | 0.19%  | 0.032% |
| 47 | 9.878  | 1102 | 1104 | 1108 | rVB3 | 3518   | 4366   | 0.17%  | 0.028% |
| 48 | 9.925  | 1108 | 1112 | 1113 | rBV3 | 4037   | 5371   | 0.20%  | 0.034% |
| 49 | 10.042 | 1128 | 1132 | 1136 | rVB3 | 4033   | 5825   | 0.22%  | 0.037% |
| 50 | 10.095 | 1136 | 1141 | 1142 | rBV2 | 2775   | 3660   | 0.14%  | 0.023% |
| 51 | 10.148 | 1142 | 1150 | 1158 | rVV2 | 138009 | 257830 | 9.83%  | 1.649% |
| 52 | 10.201 | 1158 | 1159 | 1163 | rVV4 | 4709   | 5489   | 0.21%  | 0.035% |
| 53 | 10.671 | 1232 | 1239 | 1253 | rBV  | 206715 | 383228 | 14.60% | 2.451% |
| 54 | 10.776 | 1253 | 1257 | 1260 | rVB2 | 2217   | 3694   | 0.14%  | 0.024% |
| 55 | 10.806 | 1260 | 1262 | 1265 | rBV2 | 3522   | 3889   | 0.15%  | 0.025% |
| 56 | 10.929 | 1282 | 1283 | 1289 | rVB3 | 4107   | 4252   | 0.16%  | 0.027% |
| 57 | 11.070 | 1300 | 1307 | 1315 | rBV  | 265349 | 464677 | 17.71% | 2.972% |
| 58 | 11.217 | 1326 | 1332 | 1341 | rBV2 | 157027 | 287692 | 10.96% | 1.840% |
| 59 | 11.335 | 1348 | 1352 | 1353 | rBV  | 2479   | 3251   | 0.12%  | 0.021% |
| 60 | 11.881 | 1440 | 1445 | 1448 | rBV3 | 4211   | 5866   | 0.22%  | 0.038% |
| 61 | 11.987 | 1458 | 1463 | 1464 | rBV2 | 2181   | 3146   | 0.12%  | 0.020% |
| 62 | 12.633 | 1570 | 1573 | 1574 | rBV  | 5897   | 6040   | 0.23%  | 0.039% |
| 63 | 12.651 | 1574 | 1576 | 1578 | rVB2 | 3815   | 3285   | 0.13%  | 0.021% |
| 64 | 13.432 | 1705 | 1709 | 1712 | rBV3 | 2113   | 3466   | 0.13%  | 0.022% |
| 65 | 13.608 | 1736 | 1739 | 1743 | rVB3 | 5265   | 8338   | 0.32%  | 0.053% |
| 66 | 13.650 | 1743 | 1746 | 1749 | rBV  | 3058   | 4979   | 0.19%  | 0.032% |
| 67 | 13.691 | 1749 | 1753 | 1758 | rVV5 | 11660  | 18547  | 0.71%  | 0.119% |
| 68 | 14.172 | 1830 | 1835 | 1838 | rBV3 | 3226   | 6035   | 0.23%  | 0.039% |
| 69 | 14.261 | 1842 | 1850 | 1855 | rBV  | 442576 | 647247 | 24.67% | 4.140% |
| 70 | 14.566 | 1895 | 1902 | 1912 | rBV  | 504408 | 800766 | 30.52% | 5.122% |
| 71 | 14.672 | 1918 | 1920 | 1924 | rVB3 | 5779   | 5954   | 0.23%  | 0.038% |
| 72 | 14.866 | 1946 | 1953 | 1959 | rBV2 | 393683 | 629575 | 23.99% | 4.027% |
| 73 | 14.930 | 1963 | 1964 | 1967 | rBV3 | 3711   | 3848   | 0.15%  | 0.025% |
| 74 | 15.054 | 1980 | 1985 | 1992 | rBV6 | 25397  | 44096  | 1.68%  | 0.282% |
| 75 | 15.107 | 1992 | 1994 | 1997 | rVB4 | 5191   | 4877   | 0.19%  | 0.031% |
| 76 | 15.224 | 2011 | 2014 | 2016 | rBV3 | 5929   | 5415   | 0.21%  | 0.035% |

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Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 15.277 | 2021 | 2023 | 2028 | rVB3 | 8573   | 12529   | 0.48%  | 0.080% |
| 78  | 15.324 | 2028 | 2031 | 2034 | rBV3 | 7593   | 11226   | 0.43%  | 0.072% |
| 79  | 15.453 | 2051 | 2053 | 2057 | rVB5 | 3241   | 3593    | 0.14%  | 0.023% |
| 80  | 15.624 | 2078 | 2082 | 2086 | rVB2 | 19905  | 24420   | 0.93%  | 0.156% |
| 81  | 15.677 | 2088 | 2091 | 2094 | rBV5 | 7161   | 9106    | 0.35%  | 0.058% |
| 82  | 15.853 | 2114 | 2121 | 2126 | rBV  | 670923 | 1008964 | 38.45% | 6.453% |
| 83  | 15.900 | 2126 | 2129 | 2133 | rVV5 | 32802  | 45143   | 1.72%  | 0.289% |
| 84  | 15.959 | 2133 | 2139 | 2145 | rVV  | 175367 | 266547  | 10.16% | 1.705% |
| 85  | 16.023 | 2145 | 2150 | 2156 | rVB3 | 21027  | 43154   | 1.64%  | 0.276% |
| 86  | 16.070 | 2156 | 2158 | 2160 | rBV3 | 5687   | 6026    | 0.23%  | 0.039% |
| 87  | 16.487 | 2224 | 2229 | 2235 | rBV3 | 52353  | 99778   | 3.80%  | 0.638% |
| 88  | 16.746 | 2271 | 2273 | 2278 | rVB5 | 9230   | 10614   | 0.40%  | 0.068% |
| 89  | 16.811 | 2282 | 2284 | 2285 | rBV2 | 7923   | 5215    | 0.20%  | 0.033% |
| 90  | 17.275 | 2361 | 2363 | 2367 | rVV4 | 21280  | 22279   | 0.85%  | 0.142% |
| 91  | 17.322 | 2367 | 2371 | 2375 | rVB2 | 45535  | 64215   | 2.45%  | 0.411% |
| 92  | 17.610 | 2414 | 2420 | 2429 | rVB  | 501422 | 757015  | 28.85% | 4.842% |
| 93  | 17.710 | 2431 | 2437 | 2443 | rBV2 | 732935 | 1066880 | 40.66% | 6.824% |
| 94  | 18.015 | 2486 | 2489 | 2494 | rBV2 | 33378  | 46314   | 1.76%  | 0.296% |
| 95  | 19.155 | 2679 | 2683 | 2686 | rBV5 | 27554  | 42017   | 1.60%  | 0.269% |
| 96  | 19.983 | 2819 | 2824 | 2830 | rVB  | 864098 | 1196107 | 45.58% | 7.650% |
| 97  | 21.910 | 3146 | 3152 | 3161 | rVB  | 415140 | 733399  | 27.95% | 4.691% |
| 98  | 25.142 | 3692 | 3702 | 3714 | rBV3 | 427598 | 1290123 | 49.16% | 8.251% |
| 99  | 25.383 | 3733 | 3743 | 3754 | rBV2 | 285645 | 860395  | 32.79% | 5.503% |
| 100 | 30.236 | 4567 | 4569 | 4571 | rBV2 | 5290   | 4119    | 0.16%  | 0.026% |

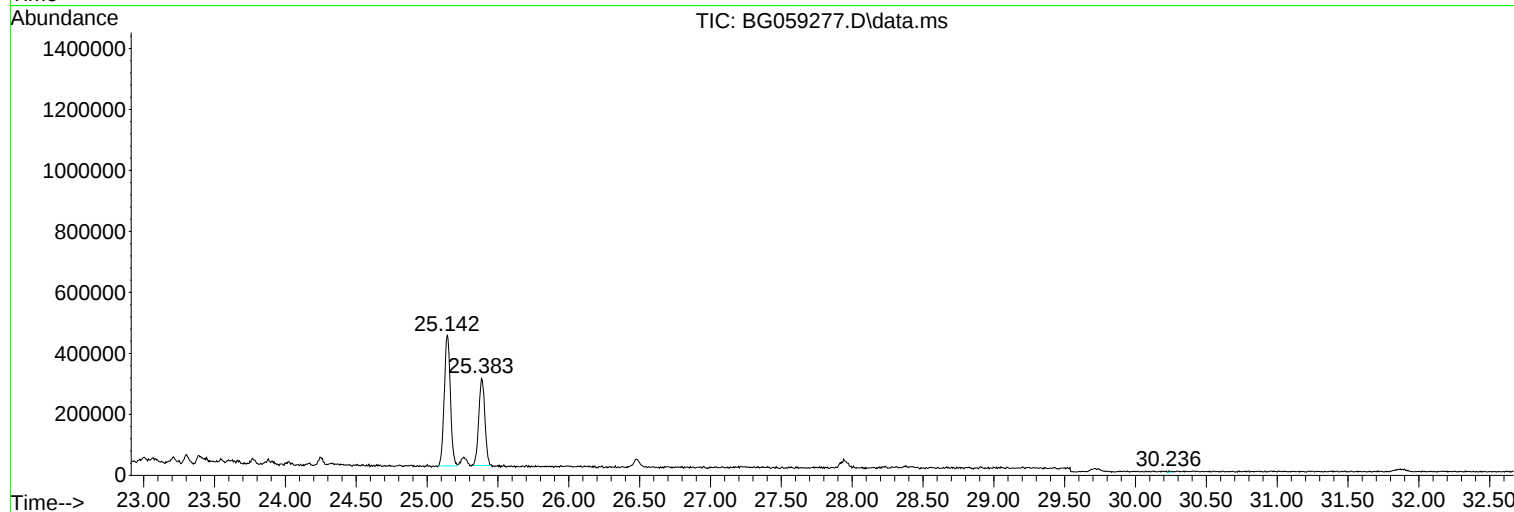
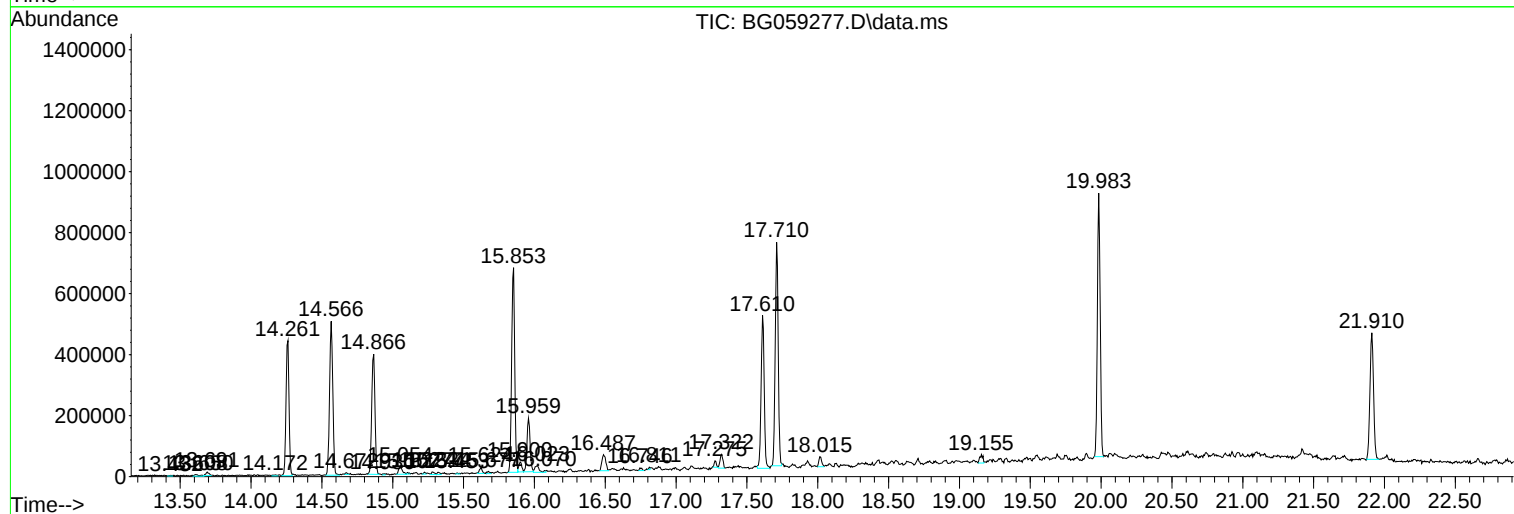
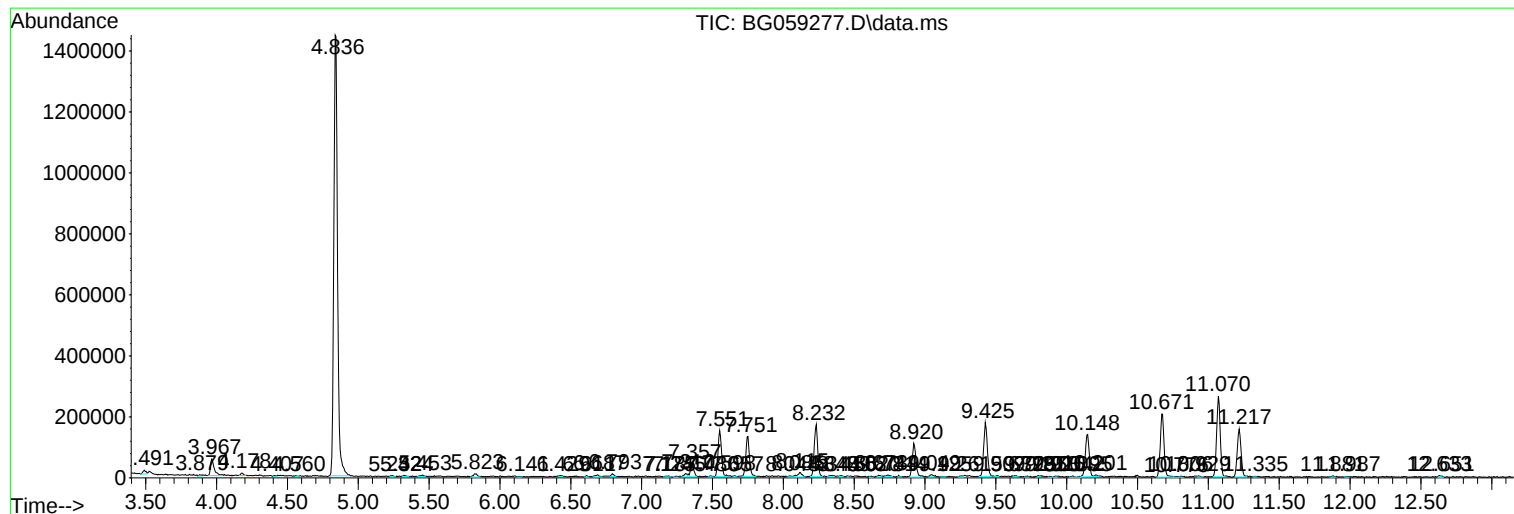
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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



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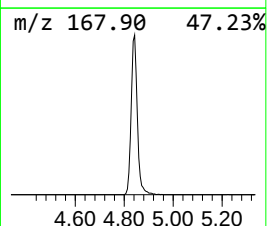
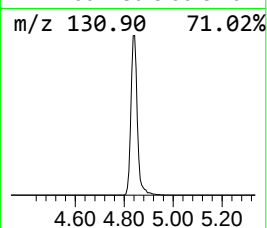
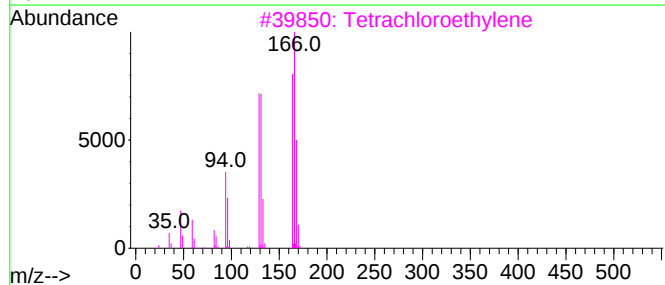
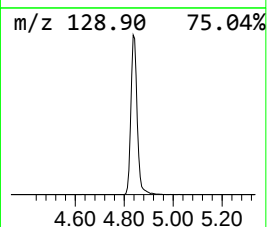
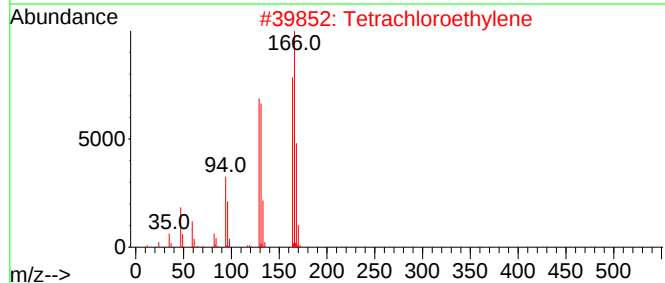
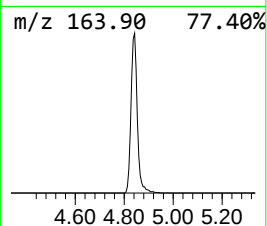
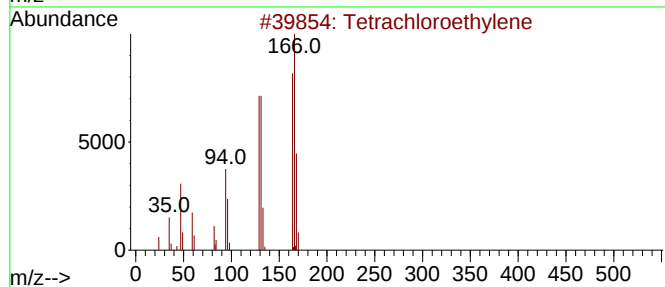
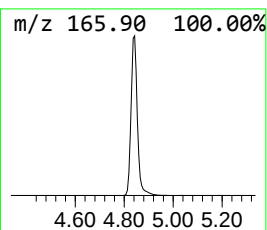
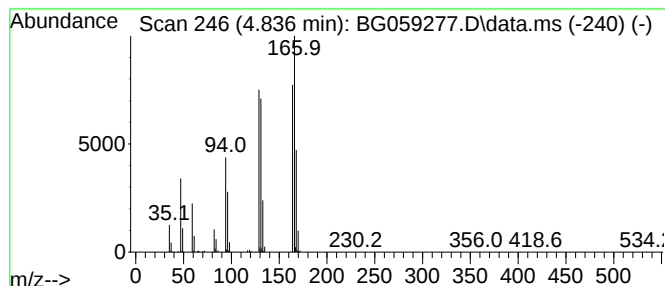
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Tetrachloroethylene Concentration Rank 1

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 4.836 | 181.56 ng/ul | 2624130 | 1,4-Dichlorobenzene-d4 | 8.232 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------|-----|----------|-------------|------|
| 1    |    |   | Tetrachloroethylene          | 164 | C2Cl4    | 000127-18-4 | 98   |
| 2    |    |   | Tetrachloroethylene          | 164 | C2Cl4    | 000127-18-4 | 98   |
| 3    |    |   | Tetrachloroethylene          | 164 | C2Cl4    | 000127-18-4 | 98   |
| 4    |    |   | Tetrachloroethylene          | 164 | C2Cl4    | 000127-18-4 | 94   |
| 5    |    |   | 1,3-Dichloro-4-fluorobenzene | 164 | C6H3Cl2F | 001435-48-9 | 23   |



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Quant Title : SVOA CALIBRATION

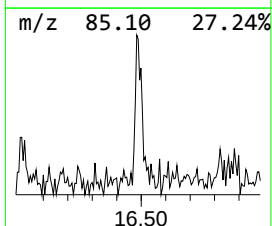
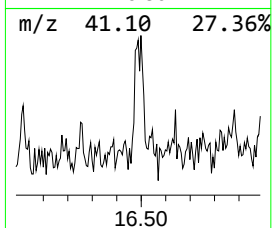
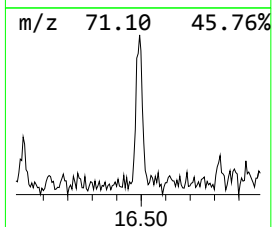
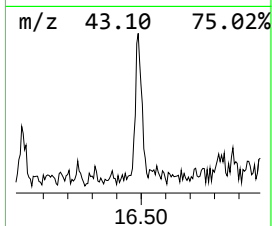
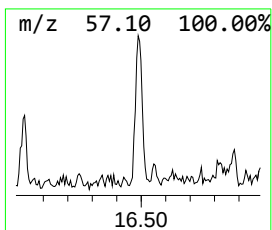
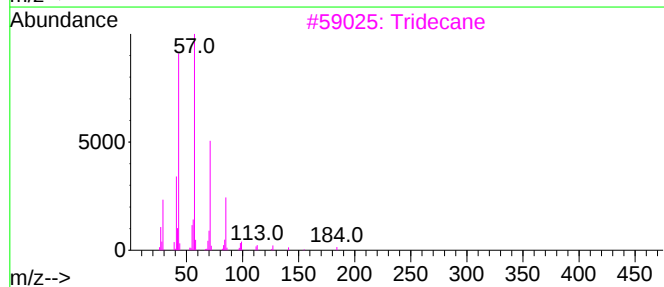
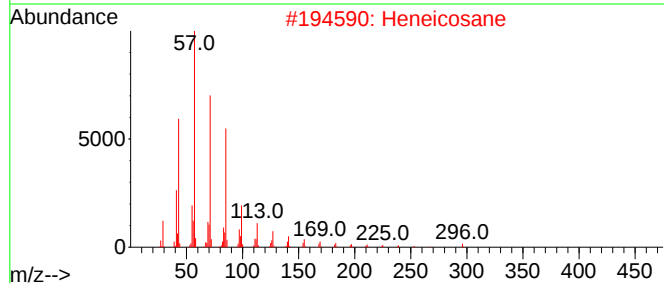
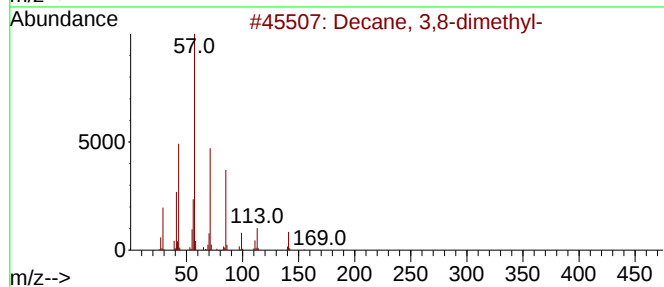
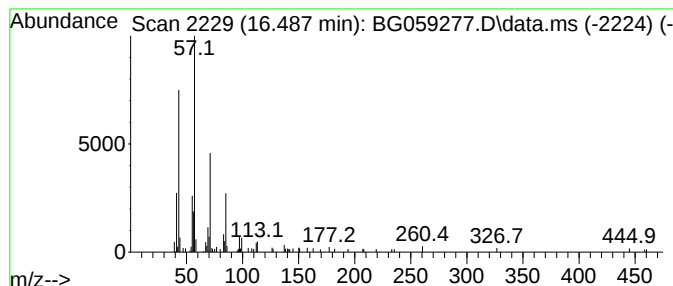
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.487 | 2.64 ng/ul | 99778 | Phenanthrene-d10 | 17.610 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 64   |
| 2    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 64   |
| 3    |    |   | Tridecane             | 184 | C13H28  | 000629-50-5 | 64   |
| 4    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 64   |
| 5    |    |   | Dodecane, 1-iodo-     | 296 | C12H25I | 004292-19-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100423\  
Data File : BG059277.D  
Acq On : 4 Oct 2023 12:15  
Operator : MA/JU  
Sample : 04480-14  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBBN4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092723.MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Tetrachloroethy... | 4.836  | 181.6   | ng/u1 | 2624130  | 1                     | 8.232  | 289070 | 20.0 |
| (DEL) Alkane: S... | 16.487 | 2.6     | ng/u1 | 99778    | 4                     | 17.610 | 757015 | 20.0 |