

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111124\  
 Data File : BG063341.D  
 Acq On : 13 Nov 2024 1:37  
 Operator : RC/JU  
 Sample : P4801-08  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GCPA9

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-BG110624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG063341.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         | 3.158       | 10            | 12          | 16           | rVB4     | 11003          | 13065         | 0.26%           | 0.029%        |
| 2         | 3.205       | 16            | 20          | 21           | rBV3     | 8745           | 12193         | 0.24%           | 0.027%        |
| 3         | 3.294       | 31            | 35          | 40           | rVB4     | 24148          | 33229         | 0.66%           | 0.075%        |
| 4         | 3.705       | 101           | 105         | 120          | rBV      | 109062         | 196975        | 3.90%           | 0.444%        |
| 5         | 4.040       | 158           | 162         | 164          | rBV4     | 10579          | 11908         | 0.24%           | 0.027%        |
| 6         | 4.104       | 167           | 173         | 175          | rBV5     | 4804           | 6718          | 0.13%           | 0.015%        |
| 7         | 4.192       | 185           | 188         | 191          | rBV4     | 4514           | 7653          | 0.15%           | 0.017%        |
| 8         | 4.492       | 235           | 239         | 241          | rVV4     | 6143           | 6943          | 0.14%           | 0.016%        |
| 9         | 4.539       | 242           | 247         | 249          | rVV      | 63183          | 88544         | 1.75%           | 0.200%        |
| 10        | 4.568       | 249           | 252         | 262          | rVB2     | 110169         | 162033        | 3.21%           | 0.365%        |
| 11        | 4.945       | 312           | 316         | 318          | rBV3     | 5441           | 7733          | 0.15%           | 0.017%        |
| 12        | 5.485       | 405           | 408         | 410          | rBV3     | 6417           | 8797          | 0.17%           | 0.020%        |
| 13        | 7.007       | 657           | 667         | 676          | rBV3     | 191195         | 349570        | 6.93%           | 0.788%        |
| 14        | 7.165       | 685           | 694         | 701          | rBV      | 382637         | 651219        | 12.90%          | 1.468%        |
| 15        | 7.365       | 720           | 728         | 736          | rBV      | 473970         | 804219        | 15.94%          | 1.813%        |
| 16        | 7.835       | 801           | 808         | 816          | rVB      | 398345         | 668691        | 13.25%          | 1.507%        |
| 17        | 8.540       | 922           | 928         | 941          | rVB      | 587626         | 1002715       | 19.87%          | 2.260%        |
| 18        | 8.987       | 996           | 1004        | 1014         | rBV      | 555816         | 979640        | 19.41%          | 2.208%        |
| 19        | 9.710       | 1118          | 1127        | 1134         | rBV      | 522374         | 942992        | 18.69%          | 2.126%        |
| 20        | 10.244      | 1211          | 1218        | 1230         | rBV      | 772561         | 1418797       | 28.11%          | 3.198%        |
| 21        | 10.409      | 1244          | 1246        | 1249         | rBV3     | 5586           | 6802          | 0.13%           | 0.015%        |
| 22        | 10.620      | 1273          | 1282        | 1291         | rBV      | 635030         | 1111271       | 22.02%          | 2.505%        |
| 23        | 10.755      | 1297          | 1305        | 1318         | rBV      | 667992         | 1200886       | 23.80%          | 2.707%        |
| 24        | 11.096      | 1359          | 1363        | 1366         | rBV2     | 6029           | 9833          | 0.19%           | 0.022%        |
| 25        | 11.913      | 1498          | 1502        | 1506         | rVB5     | 11561          | 15433         | 0.31%           | 0.035%        |
| 26        | 12.224      | 1550          | 1555        | 1558         | rBV4     | 12644          | 21431         | 0.42%           | 0.048%        |
| 27        | 13.364      | 1745          | 1749        | 1750         | rBV3     | 5060           | 6687          | 0.13%           | 0.015%        |
| 28        | 13.458      | 1762          | 1765        | 1769         | rVB3     | 4051           | 7233          | 0.14%           | 0.016%        |
| 29        | 13.875      | 1830          | 1836        | 1843         | rBV      | 1610029        | 2325534       | 46.08%          | 5.242%        |
| 30        | 14.163      | 1877          | 1885        | 1895         | rVV      | 1759761        | 2708017       | 53.66%          | 6.104%        |
| 31        | 14.469      | 1931          | 1937        | 1946         | rVB      | 1156720        | 1779753       | 35.27%          | 4.012%        |
| 32        | 14.686      | 1968          | 1974        | 1985         | rBV      | 120786         | 250760        | 4.97%           | 0.565%        |
| 33        | 14.903      | 2005          | 2011        | 2014         | rBV6     | 8036           | 16676         | 0.33%           | 0.038%        |
| 34        | 15.467      | 2100          | 2107        | 2114         | rBV      | 2433203        | 3593196       | 71.20%          | 8.100%        |
| 35        | 15.591      | 2121          | 2128        | 2137         | rBV      | 745196         | 1129401       | 22.38%          | 2.546%        |
| 36        | 15.708      | 2145          | 2148        | 2154         | rVB3     | 13200          | 20289         | 0.40%           | 0.046%        |

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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-BG110624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 17.218 | 2398 | 2405 | 2412 | rBV  | 1492115 | 2264804 | 44.88%  | 5.105%  |
| 38 | 17.318 | 2415 | 2422 | 2431 | rBV  | 2678562 | 4108353 | 81.41%  | 9.261%  |
| 39 | 17.518 | 2452 | 2456 | 2458 | rBV4 | 7682    | 9069    | 0.18%   | 0.020%  |
| 40 | 17.888 | 2515 | 2519 | 2523 | rVV7 | 17914   | 25100   | 0.50%   | 0.057%  |
| 41 | 18.135 | 2554 | 2561 | 2563 | rBV6 | 9979    | 18879   | 0.37%   | 0.043%  |
| 42 | 18.194 | 2568 | 2571 | 2574 | rVV4 | 6377    | 11065   | 0.22%   | 0.025%  |
| 43 | 18.341 | 2592 | 2596 | 2599 | rBV6 | 9539    | 18871   | 0.37%   | 0.043%  |
| 44 | 18.546 | 2629 | 2631 | 2635 | rVB5 | 8811    | 10854   | 0.22%   | 0.024%  |
| 45 | 18.617 | 2641 | 2643 | 2646 | rVV3 | 10052   | 10109   | 0.20%   | 0.023%  |
| 46 | 18.969 | 2701 | 2703 | 2708 | rVB5 | 8513    | 11634   | 0.23%   | 0.026%  |
| 47 | 19.005 | 2708 | 2709 | 2711 | rBV  | 8189    | 7108    | 0.14%   | 0.016%  |
| 48 | 19.181 | 2734 | 2739 | 2744 | rBV3 | 44206   | 66506   | 1.32%   | 0.150%  |
| 49 | 19.257 | 2747 | 2752 | 2755 | rVV2 | 38461   | 57548   | 1.14%   | 0.130%  |
| 50 | 19.292 | 2756 | 2758 | 2759 | rVV2 | 13081   | 11228   | 0.22%   | 0.025%  |
| 51 | 19.310 | 2759 | 2761 | 2765 | rVV4 | 14213   | 14309   | 0.28%   | 0.032%  |
| 52 | 19.339 | 2765 | 2766 | 2771 | rVB4 | 5174    | 7236    | 0.14%   | 0.016%  |
| 53 | 19.545 | 2797 | 2801 | 2804 | rVB6 | 14955   | 19479   | 0.39%   | 0.044%  |
| 54 | 19.621 | 2806 | 2814 | 2823 | rBV  | 3506788 | 5046623 | 100.00% | 11.376% |
| 55 | 20.127 | 2897 | 2900 | 2903 | rBV5 | 11453   | 13198   | 0.26%   | 0.030%  |
| 56 | 20.315 | 2929 | 2932 | 2933 | rBV3 | 8472    | 6842    | 0.14%   | 0.015%  |
| 57 | 20.597 | 2976 | 2980 | 2983 | rVV6 | 10722   | 15120   | 0.30%   | 0.034%  |
| 58 | 21.008 | 3048 | 3050 | 3052 | rBV3 | 6218    | 6756    | 0.13%   | 0.015%  |
| 59 | 21.225 | 3086 | 3087 | 3090 | rBV3 | 10651   | 13048   | 0.26%   | 0.029%  |
| 60 | 21.472 | 3123 | 3129 | 3136 | rBV2 | 1677454 | 2582754 | 51.18%  | 5.822%  |
| 61 | 21.525 | 3136 | 3138 | 3139 | rVB2 | 12657   | 8174    | 0.16%   | 0.018%  |
| 62 | 21.643 | 3156 | 3158 | 3159 | rBV2 | 12894   | 7026    | 0.14%   | 0.016%  |
| 63 | 22.207 | 3251 | 3254 | 3255 | rBV3 | 13908   | 11927   | 0.24%   | 0.027%  |
| 64 | 22.236 | 3257 | 3259 | 3264 | rVB6 | 20811   | 28524   | 0.57%   | 0.064%  |
| 65 | 22.312 | 3270 | 3272 | 3274 | rBV3 | 9316    | 8009    | 0.16%   | 0.018%  |
| 66 | 22.336 | 3274 | 3276 | 3279 | rVV4 | 8345    | 7444    | 0.15%   | 0.017%  |
| 67 | 22.624 | 3324 | 3325 | 3327 | rVB2 | 11925   | 6804    | 0.13%   | 0.015%  |
| 68 | 22.818 | 3355 | 3358 | 3362 | rBV5 | 15855   | 21566   | 0.43%   | 0.049%  |
| 69 | 22.888 | 3367 | 3370 | 3375 | rVB7 | 23321   | 38296   | 0.76%   | 0.086%  |
| 70 | 22.988 | 3385 | 3387 | 3389 | rBV3 | 9530    | 7842    | 0.16%   | 0.018%  |
| 71 | 23.012 | 3389 | 3391 | 3393 | rBV3 | 9589    | 7544    | 0.15%   | 0.017%  |
| 72 | 23.341 | 3444 | 3447 | 3449 | rBV4 | 10747   | 13590   | 0.27%   | 0.031%  |
| 73 | 23.405 | 3455 | 3458 | 3459 | rBV3 | 12328   | 11676   | 0.23%   | 0.026%  |
| 74 | 23.552 | 3481 | 3483 | 3488 | rBV6 | 9433    | 16222   | 0.32%   | 0.037%  |
| 75 | 23.640 | 3491 | 3498 | 3502 | rVV9 | 37932   | 75134   | 1.49%   | 0.169%  |
| 76 | 24.016 | 3560 | 3562 | 3566 | rVB5 | 11722   | 12873   | 0.26%   | 0.029%  |

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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-BG110624.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |        |         |
|-----|--------|------|------|------|------|---------|---------|--------|---------|
| 77  | 24.063 | 3568 | 3570 | 3571 | rBV2 | 8901    | 6703    | 0.13%  | 0.015%  |
| 78  | 24.157 | 3584 | 3586 | 3587 | rBV2 | 10008   | 6952    | 0.14%  | 0.016%  |
| 79  | 24.304 | 3598 | 3611 | 3624 | rBV  | 1888474 | 4974549 | 98.57% | 11.213% |
| 80  | 24.510 | 3636 | 3646 | 3656 | rVB  | 1007275 | 2698195 | 53.47% | 6.082%  |
| 81  | 24.633 | 3665 | 3667 | 3672 | rBV5 | 10745   | 8604    | 0.17%  | 0.019%  |
| 82  | 24.892 | 3710 | 3711 | 3714 | rVB3 | 13151   | 7823    | 0.16%  | 0.018%  |
| 83  | 25.168 | 3756 | 3758 | 3763 | rBV6 | 9646    | 12747   | 0.25%  | 0.029%  |
| 84  | 25.556 | 3816 | 3824 | 3834 | rBV6 | 45751   | 152686  | 3.03%  | 0.344%  |
| 85  | 25.708 | 3847 | 3850 | 3853 | rBV4 | 12985   | 12508   | 0.25%  | 0.028%  |
| 86  | 25.785 | 3861 | 3863 | 3865 | rBV3 | 12301   | 9774    | 0.19%  | 0.022%  |
| 87  | 26.795 | 4027 | 4035 | 4036 | rBV7 | 33187   | 59242   | 1.17%  | 0.134%  |
| 88  | 27.154 | 4093 | 4096 | 4099 | rBV5 | 12866   | 16510   | 0.33%  | 0.037%  |
| 89  | 27.348 | 4125 | 4129 | 4133 | rBV7 | 8583    | 14807   | 0.29%  | 0.033%  |
| 90  | 27.395 | 4135 | 4137 | 4139 | rBV3 | 11294   | 12885   | 0.26%  | 0.029%  |
| 91  | 27.994 | 4238 | 4239 | 4241 | rBV2 | 8054    | 6771    | 0.13%  | 0.015%  |
| 92  | 28.070 | 4250 | 4252 | 4256 | rVB5 | 8236    | 8284    | 0.16%  | 0.019%  |
| 93  | 28.300 | 4281 | 4291 | 4292 | rBV9 | 30118   | 69541   | 1.38%  | 0.157%  |
| 94  | 28.529 | 4329 | 4330 | 4335 | rVB5 | 8828    | 10124   | 0.20%  | 0.023%  |
| 95  | 28.793 | 4373 | 4375 | 4377 | rBV3 | 10499   | 9882    | 0.20%  | 0.022%  |
| 96  | 28.887 | 4389 | 4391 | 4392 | rBV2 | 8796    | 8323    | 0.16%  | 0.019%  |
| 97  | 29.157 | 4435 | 4437 | 4440 | rVB3 | 11639   | 9614    | 0.19%  | 0.022%  |
| 98  | 29.475 | 4489 | 4491 | 4493 | rBV3 | 9135    | 7368    | 0.15%  | 0.017%  |
| 99  | 29.586 | 4506 | 4510 | 4513 | rBV6 | 8663    | 14535   | 0.29%  | 0.033%  |
| 100 | 32.395 | 4986 | 4988 | 4990 | rBV3 | 9953    | 8577    | 0.17%  | 0.019%  |

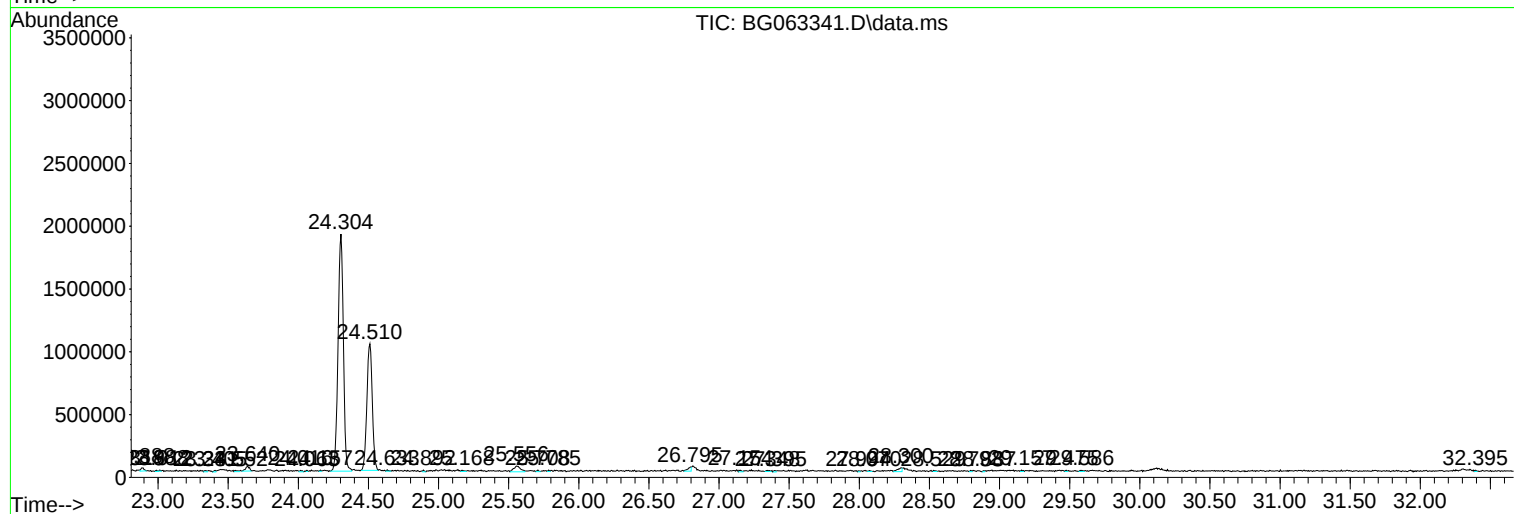
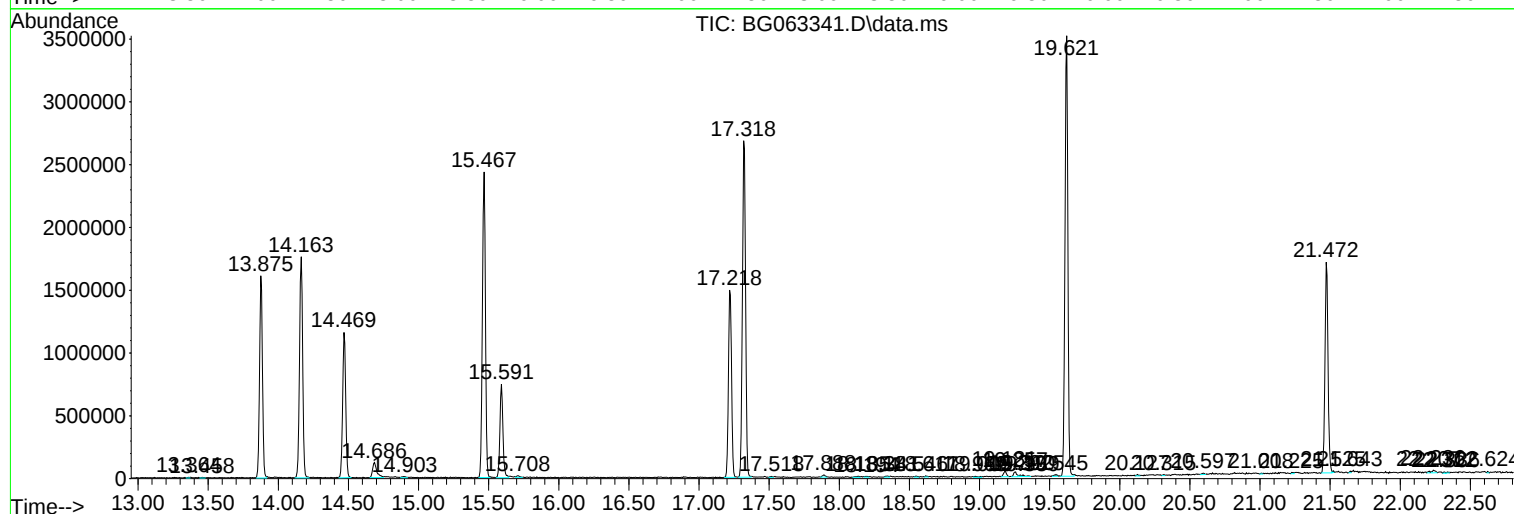
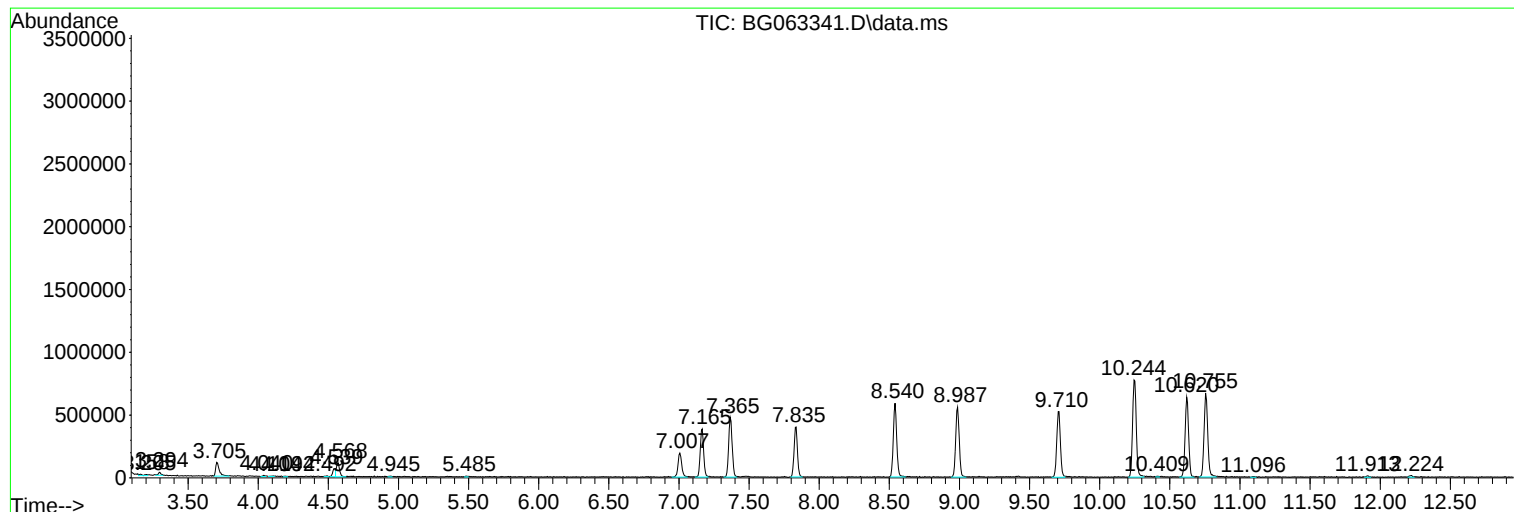
Sum of corrected areas: 44362984

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION

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



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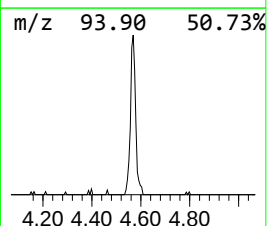
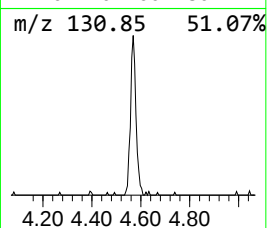
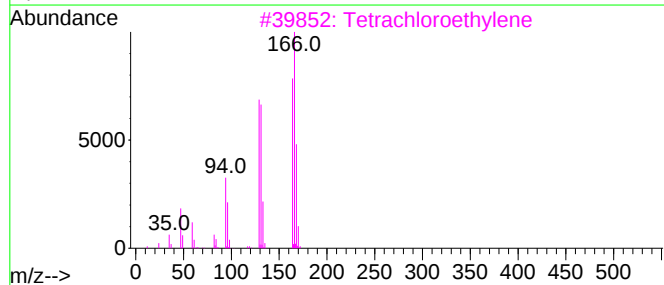
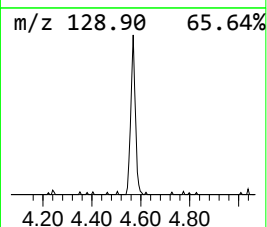
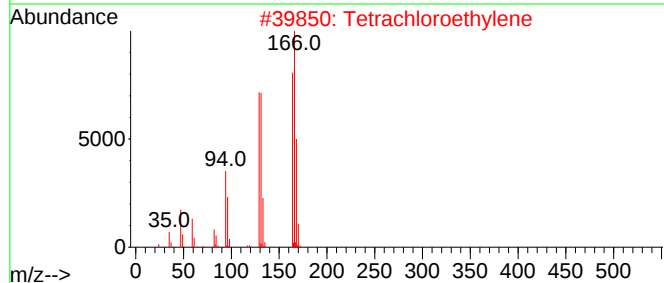
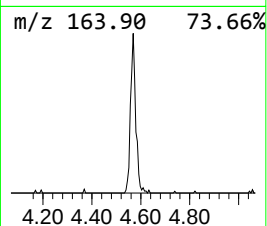
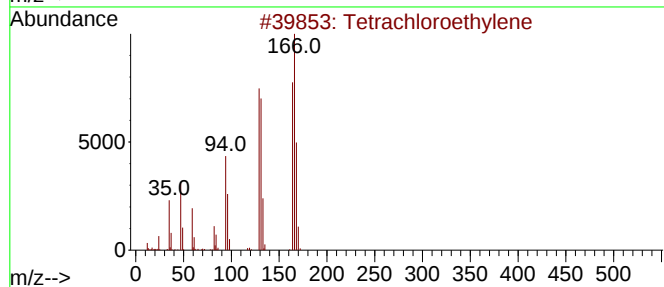
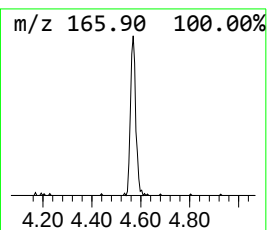
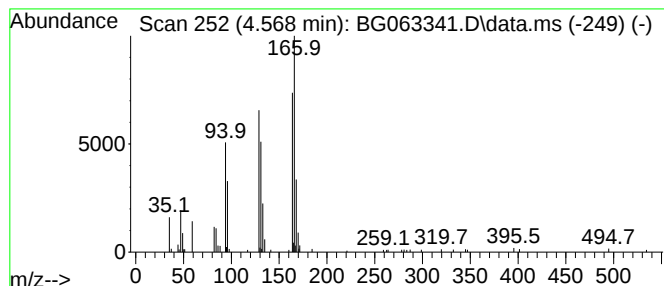
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110624.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Tetrachloroethylene Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.568 | 4.85 ng/ul | 162033 | 1,4-Dichlorobenzene-d4 | 7.835 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetrachloroethylene                 | 164 | C2Cl4   | 000127-18-4 | 93   |
| 2    |    |   | Tetrachloroethylene                 | 164 | C2Cl4   | 000127-18-4 | 93   |
| 3    |    |   | Tetrachloroethylene                 | 164 | C2Cl4   | 000127-18-4 | 93   |
| 4    |    |   | Tetrachloroethylene                 | 164 | C2Cl4   | 000127-18-4 | 91   |
| 5    |    |   | 1-Propene, 2-chloro-1,1,3,3,3-pe... | 166 | C3ClF5  | 002804-50-4 | 27   |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Tetrachloroethy... | 4.568 | 4.8     | ng/ul | 162033   | 1                     | 7.835 | 668691 | 20.0 |