

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102721\  
 Data File : BG050766.D  
 Acq On : 28 Oct 2021 7:30  
 Operator : CG/JU  
 Sample : M4293-01  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BFYA2

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-BG102721.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050766.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         | 3.570       | 10            | 14          | 16           | rBV3     | 6081           | 7890          | 0.61%           | 0.079%        |
| 2         | 3.599       | 16            | 19          | 24           | rVB      | 9977           | 16002         | 1.23%           | 0.161%        |
| 3         | 4.028       | 88            | 92          | 106          | rBV      | 35554          | 65401         | 5.04%           | 0.657%        |
| 4         | 4.257       | 127           | 131         | 138          | rVB2     | 5828           | 10095         | 0.78%           | 0.101%        |
| 5         | 4.374       | 146           | 151         | 157          | rBV3     | 2442           | 5185          | 0.40%           | 0.052%        |
| 6         | 4.474       | 166           | 168         | 172          | rVB4     | 1437           | 2172          | 0.17%           | 0.022%        |
| 7         | 5.291       | 305           | 307         | 314          | rVB3     | 1713           | 3091          | 0.24%           | 0.031%        |
| 8         | 7.383       | 657           | 663         | 672          | rVB2     | 8410           | 14598         | 1.13%           | 0.147%        |
| 9         | 7.553       | 686           | 692         | 701          | rBV      | 122432         | 215131        | 16.59%          | 2.161%        |
| 10        | 7.770       | 721           | 729         | 736          | rVV      | 31906          | 55611         | 4.29%           | 0.559%        |
| 11        | 8.241       | 803           | 809         | 817          | rVB      | 118767         | 205076        | 15.81%          | 2.060%        |
| 12        | 8.940       | 921           | 928         | 935          | rBV      | 28540          | 50785         | 3.92%           | 0.510%        |
| 13        | 9.416       | 998           | 1009        | 1020         | rBV      | 155579         | 288264        | 22.23%          | 2.895%        |
| 14        | 10.144      | 1127          | 1133        | 1140         | rBV      | 28213          | 50902         | 3.93%           | 0.511%        |
| 15        | 10.685      | 1217          | 1225        | 1241         | rBV      | 41109          | 79214         | 6.11%           | 0.796%        |
| 16        | 10.826      | 1243          | 1249        | 1253         | rBV2     | 4469           | 7620          | 0.59%           | 0.077%        |
| 17        | 11.073      | 1283          | 1291        | 1300         | rVB      | 171485         | 317405        | 24.48%          | 3.188%        |
| 18        | 11.202      | 1304          | 1313        | 1322         | rBV      | 157309         | 297216        | 22.92%          | 2.985%        |
| 19        | 12.641      | 1553          | 1558        | 1564         | rBV2     | 2707           | 4603          | 0.35%           | 0.046%        |
| 20        | 14.263      | 1827          | 1834        | 1842         | rBV      | 364925         | 553814        | 42.71%          | 5.563%        |
| 21        | 14.563      | 1879          | 1885        | 1893         | rBV      | 407639         | 652719        | 50.33%          | 6.556%        |
| 22        | 14.868      | 1929          | 1937        | 1948         | rVB      | 277423         | 447062        | 34.47%          | 4.490%        |
| 23        | 15.226      | 1993          | 1998        | 2003         | rBV2     | 641            | 1394          | 0.11%           | 0.014%        |
| 24        | 15.855      | 2098          | 2105        | 2116         | rVV      | 552729         | 857890        | 66.16%          | 8.617%        |
| 25        | 16.096      | 2140          | 2146        | 2151         | rBV3     | 5044           | 7545          | 0.58%           | 0.076%        |
| 26        | 17.618      | 2398          | 2405        | 2414         | rVB      | 365499         | 566197        | 43.66%          | 5.687%        |
| 27        | 17.718      | 2414          | 2422        | 2429         | rBV      | 701209         | 1118985       | 86.29%          | 11.239%       |
| 28        | 17.870      | 2444          | 2448        | 2454         | rBV3     | 984            | 1575          | 0.12%           | 0.016%        |
| 29        | 18.252      | 2509          | 2513        | 2517         | rVB2     | 5368           | 6462          | 0.50%           | 0.065%        |
| 30        | 18.928      | 2621          | 2628        | 2632         | rVB5     | 1089           | 2061          | 0.16%           | 0.021%        |
| 31        | 19.380      | 2702          | 2705        | 2706         | rVV2     | 2921           | 2840          | 0.22%           | 0.029%        |
| 32        | 19.410      | 2706          | 2710        | 2715         | rVB2     | 19803          | 21948         | 1.69%           | 0.220%        |
| 33        | 19.557      | 2726          | 2735        | 2739         | rBV4     | 9784           | 16866         | 1.30%           | 0.169%        |
| 34        | 19.627      | 2742          | 2747        | 2753         | rVB2     | 8606           | 14807         | 1.14%           | 0.149%        |
| 35        | 19.680      | 2753          | 2756        | 2759         | rBV4     | 1054           | 1608          | 0.12%           | 0.016%        |
| 36        | 19.874      | 2786          | 2789        | 2794         | rVB3     | 5048           | 6792          | 0.52%           | 0.068%        |

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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-BG102721.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 19.927 | 2794 | 2798 | 2801 | rBV4 | 1989   | 3274    | 0.25%   | 0.033%  |
| 38 | 19.991 | 2802 | 2809 | 2820 | rVB  | 891175 | 1296787 | 100.00% | 13.025% |
| 39 | 20.215 | 2843 | 2847 | 2849 | rBV2 | 1171   | 1364    | 0.11%   | 0.014%  |
| 40 | 20.297 | 2859 | 2861 | 2864 | rBV4 | 1967   | 2550    | 0.20%   | 0.026%  |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 41 | 20.338 | 2866 | 2868 | 2871 | rVV4 | 1485 | 1863 | 0.14% | 0.019% |
| 42 | 20.379 | 2871 | 2875 | 2876 | rVB3 | 1203 | 1464 | 0.11% | 0.015% |
| 43 | 20.485 | 2888 | 2893 | 2896 | rBV5 | 2889 | 4705 | 0.36% | 0.047% |
| 44 | 20.561 | 2904 | 2906 | 2909 | rBV3 | 1189 | 1582 | 0.12% | 0.016% |
| 45 | 20.632 | 2915 | 2918 | 2919 | rBV3 | 1768 | 1525 | 0.12% | 0.015% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 46 | 20.667 | 2922 | 2924 | 2926 | rBV3 | 1808 | 1968 | 0.15% | 0.020% |
| 47 | 20.920 | 2962 | 2967 | 2970 | rBV4 | 4982 | 7868 | 0.61% | 0.079% |
| 48 | 20.984 | 2976 | 2978 | 2983 | rVB5 | 2607 | 3086 | 0.24% | 0.031% |
| 49 | 21.384 | 3044 | 3046 | 3047 | rBV2 | 1841 | 1540 | 0.12% | 0.015% |
| 50 | 21.449 | 3054 | 3057 | 3058 | rBV2 | 1711 | 1618 | 0.12% | 0.016% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 21.519 | 3065 | 3069 | 3073 | rBV7 | 4001   | 7297   | 0.56%  | 0.073% |
| 52 | 21.590 | 3079 | 3081 | 3082 | rBV2 | 2850   | 1817   | 0.14%  | 0.018% |
| 53 | 21.607 | 3082 | 3084 | 3085 | rBV2 | 2667   | 1461   | 0.11%  | 0.015% |
| 54 | 21.919 | 3130 | 3137 | 3147 | rVB  | 336860 | 582663 | 44.93% | 5.852% |
| 55 | 22.118 | 3169 | 3171 | 3174 | rBV4 | 1769   | 2068   | 0.16%  | 0.021% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 56 | 22.212 | 3185 | 3187 | 3188 | rBV  | 2494 | 1879  | 0.14% | 0.019% |
| 57 | 22.254 | 3192 | 3194 | 3198 | rVV3 | 2540 | 2156  | 0.17% | 0.022% |
| 58 | 22.724 | 3269 | 3274 | 3278 | rBV7 | 5796 | 9588  | 0.74% | 0.096% |
| 59 | 23.182 | 3351 | 3352 | 3354 | rBV2 | 2113 | 1440  | 0.11% | 0.014% |
| 60 | 23.458 | 3395 | 3399 | 3405 | rVB5 | 9938 | 19437 | 1.50% | 0.195% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 23.664 | 3427 | 3434 | 3441 | rVB  | 30709 | 60922 | 4.70% | 0.612% |
| 62 | 23.987 | 3487 | 3489 | 3490 | rBV2 | 1704  | 1393  | 0.11% | 0.014% |
| 63 | 24.104 | 3507 | 3509 | 3511 | rBV3 | 2096  | 1846  | 0.14% | 0.019% |
| 64 | 24.310 | 3540 | 3544 | 3552 | rVB4 | 14755 | 34334 | 2.65% | 0.345% |
| 65 | 24.521 | 3578 | 3580 | 3581 | rBV2 | 2705  | 1818  | 0.14% | 0.018% |

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 66 | 25.103 | 3667 | 3679 | 3691 | rVB2 | 390772 | 1153807 | 88.97% | 11.589% |
| 67 | 25.256 | 3702 | 3705 | 3706 | rBV3 | 2535   | 2569    | 0.20%  | 0.026%  |
| 68 | 25.338 | 3708 | 3719 | 3731 | rVB2 | 204360 | 605781  | 46.71% | 6.084%  |
| 69 | 25.914 | 3815 | 3817 | 3819 | rBV3 | 1977   | 1604    | 0.12%  | 0.016%  |
| 70 | 26.531 | 3914 | 3922 | 3933 | rVB3 | 18704  | 55315   | 4.27%  | 0.556%  |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 26.607 | 3933 | 3935 | 3938 | rBV4 | 1987 | 1394 | 0.11% | 0.014% |
| 72 | 26.819 | 3969 | 3971 | 3974 | rVB4 | 2761 | 1982 | 0.15% | 0.020% |
| 73 | 26.883 | 3980 | 3982 | 3984 | rVB3 | 2544 | 1761 | 0.14% | 0.018% |
| 74 | 27.242 | 4041 | 4043 | 4044 | rBV2 | 1972 | 1619 | 0.12% | 0.016% |
| 75 | 27.583 | 4099 | 4101 | 4103 | rBV3 | 2634 | 1981 | 0.15% | 0.020% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 27.994 | 4161 | 4171 | 4184 | rVB7 | 15122 | 56032 | 4.32% | 0.563% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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Instrument :  
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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-BG102721.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 77 | 28.135 | 4193 | 4195 | 4197 | rBV3 | 2046 | 2025  | 0.16% | 0.020% |
| 78 | 28.852 | 4314 | 4317 | 4318 | rBV3 | 2244 | 1893  | 0.15% | 0.019% |
| 79 | 28.881 | 4321 | 4322 | 4325 | rBV3 | 2497 | 2282  | 0.18% | 0.023% |
| 80 | 29.662 | 4454 | 4455 | 4458 | rBV3 | 2830 | 3199  | 0.25% | 0.032% |
| 81 | 29.715 | 4458 | 4464 | 4465 | rBV5 | 6974 | 11666 | 0.90% | 0.117% |
| 82 | 30.303 | 4562 | 4564 | 4565 | rBV2 | 2412 | 1381  | 0.11% | 0.014% |
| 83 | 30.326 | 4567 | 4568 | 4570 | rBV2 | 2252 | 1728  | 0.13% | 0.017% |
| 84 | 30.990 | 4679 | 4681 | 4683 | rBV2 | 2260 | 2187  | 0.17% | 0.022% |
| 85 | 31.214 | 4717 | 4719 | 4722 | rBV4 | 2051 | 1861  | 0.14% | 0.019% |
| 86 | 31.349 | 4740 | 4742 | 4744 | rBV3 | 2025 | 2381  | 0.18% | 0.024% |
| 87 | 31.766 | 4811 | 4813 | 4814 | rBV2 | 1940 | 1325  | 0.10% | 0.013% |
| 88 | 32.283 | 4900 | 4901 | 4904 | rBV3 | 2329 | 2257  | 0.17% | 0.023% |

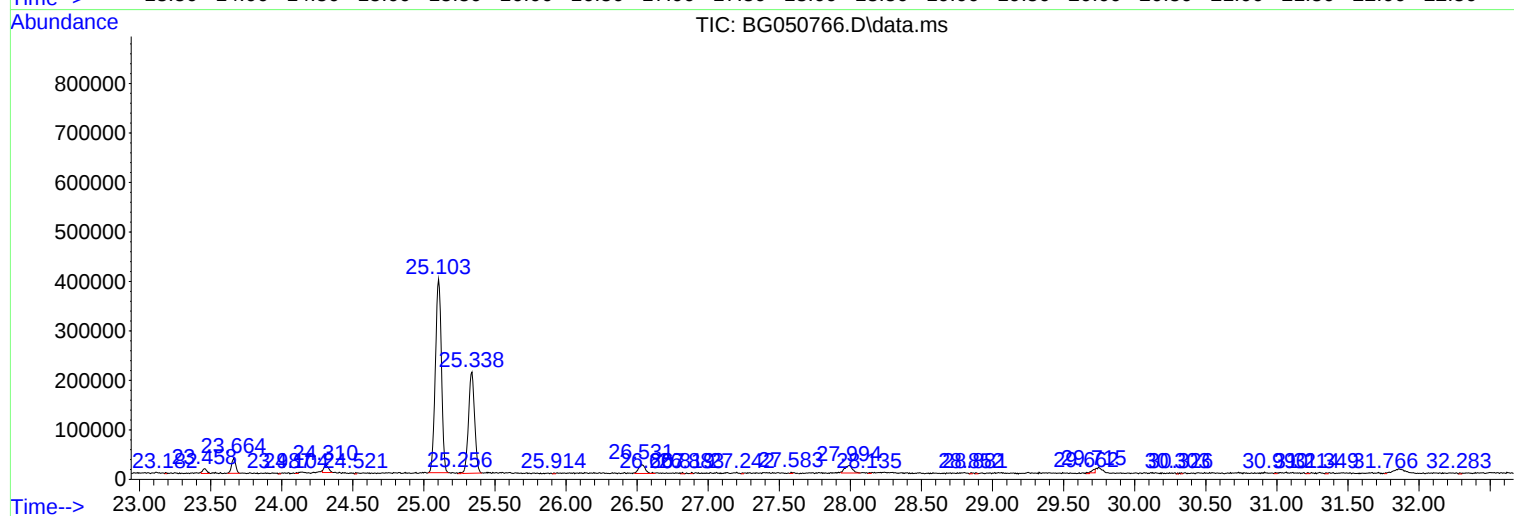
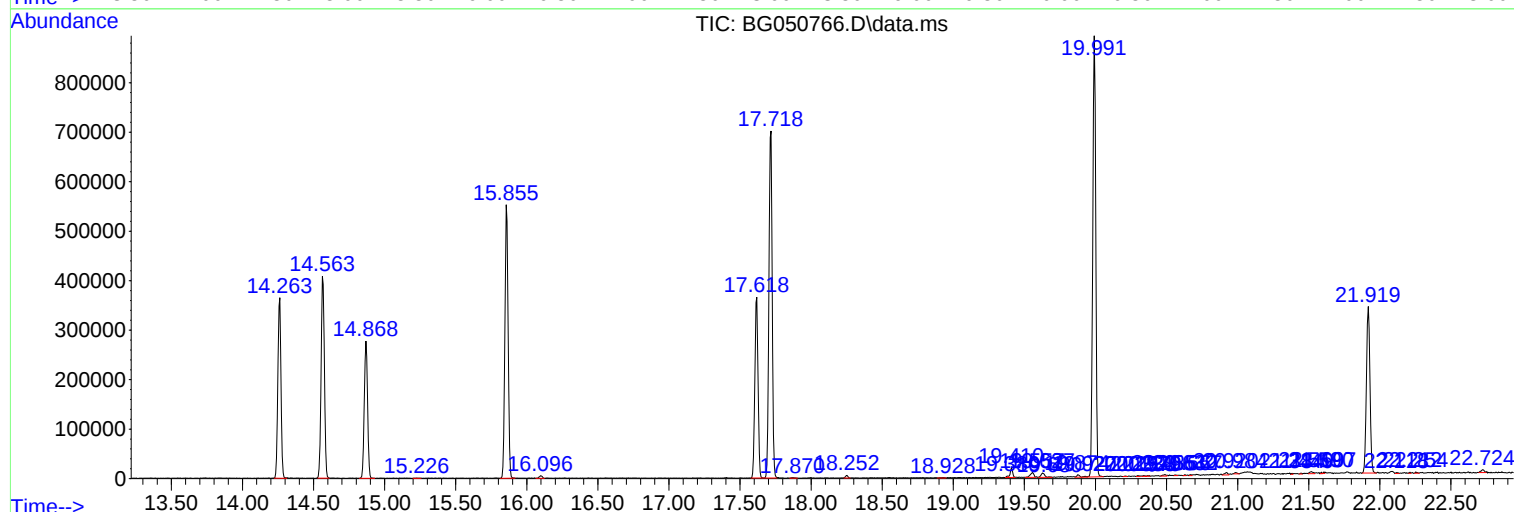
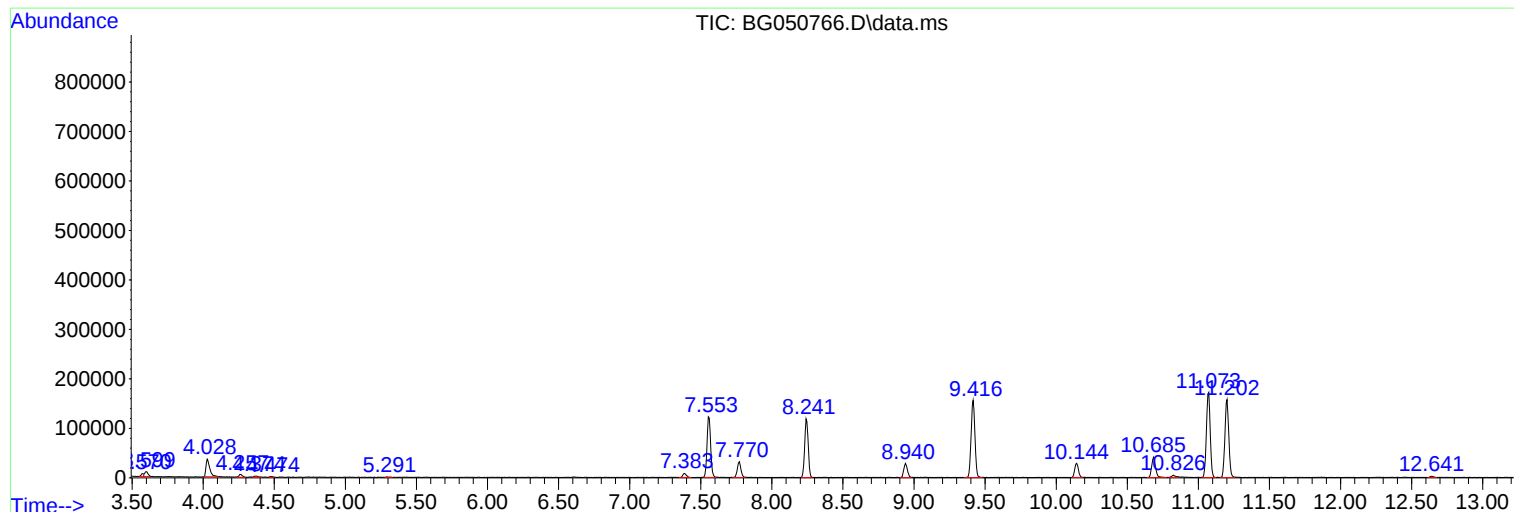
Sum of corrected areas: 9956169

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102721\  
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG102721.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102721\  
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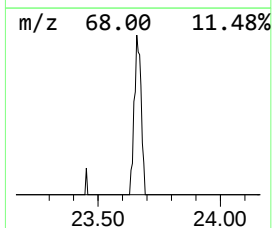
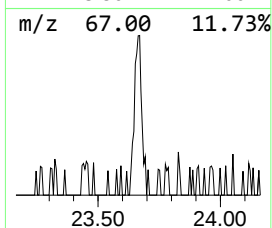
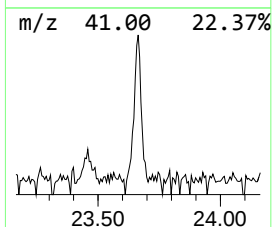
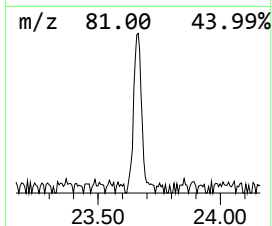
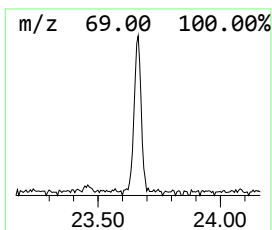
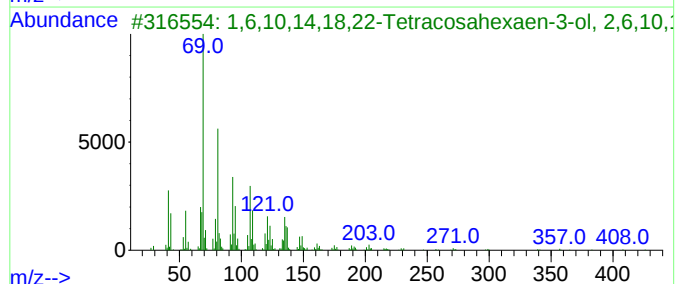
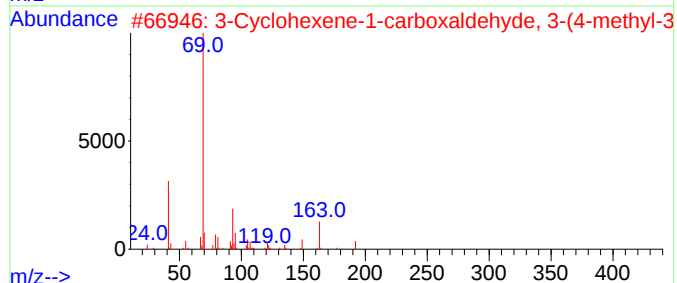
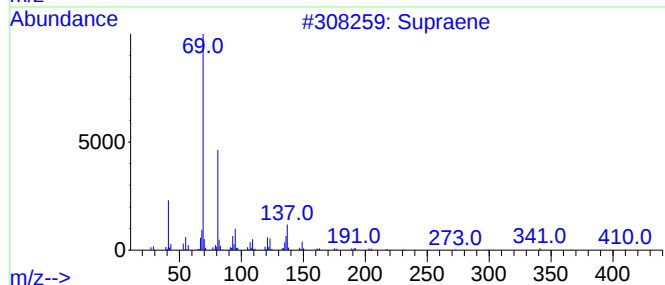
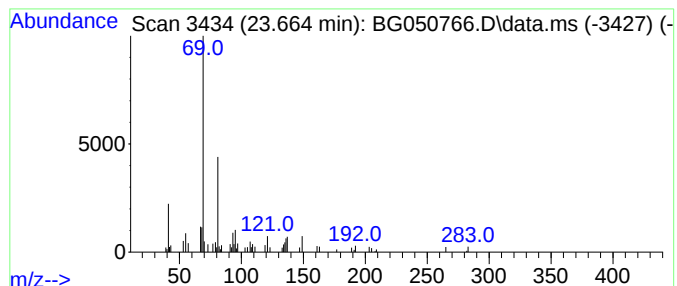
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG102721.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Supraene Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 23.664 | 2.01 ng/ul | 60922 | Perylene-d12     | 25.338 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50  | 007683-64-9 | 80   |
| 2    |    |   | 3-Cyclohexene-1-carboxaldehyde, ... | 192 | C13H20O | 052475-89-5 | 64   |
| 3    |    |   | 1,6,10,14,18,22-Tetracosahexaen-... | 426 | C30H50O | 097232-74-1 | 64   |
| 4    |    |   | Squalene                            | 410 | C30H50  | 000111-02-4 | 64   |
| 5    |    |   | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 64   |



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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 |
| Supraene         | 23.664 | 2.0     | ng/ul | 60922    | 6                     | 25.338 | 605781 | 20.0 |