

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050230.D  
 Acq On : 9 Sep 2021 13:15  
 Operator : CG/JU  
 Sample : M3608-11  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKK7

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-BG090721.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050230.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         | 3.307       | 42            | 46          | 51           | rBV5     | 5193           | 8862          | 0.83%           | 0.060%        |
| 2         | 3.748       | 117           | 121         | 133          | rBV      | 49316          | 107699        | 10.13%          | 0.725%        |
| 3         | 4.518       | 247           | 252         | 253          | rBV3     | 6149           | 10114         | 0.95%           | 0.068%        |
| 4         | 7.126       | 691           | 696         | 704          | rBV2     | 40162          | 75891         | 7.14%           | 0.511%        |
| 5         | 7.273       | 715           | 721         | 733          | rBV      | 125686         | 221050        | 20.79%          | 1.488%        |
| 6         | 7.478       | 750           | 756         | 766          | rBV      | 144001         | 270384        | 25.43%          | 1.820%        |
| 7         | 7.942       | 828           | 835         | 844          | rVV      | 269028         | 469995        | 44.21%          | 3.163%        |
| 8         | 8.318       | 894           | 899         | 905          | rBV3     | 16456          | 27814         | 2.62%           | 0.187%        |
| 9         | 8.671       | 953           | 959         | 970          | rVB2     | 200728         | 361964        | 34.04%          | 2.436%        |
| 10        | 8.947       | 1002          | 1006        | 1014         | rVB3     | 4934           | 10556         | 0.99%           | 0.071%        |
| 11        | 9.117       | 1029          | 1035        | 1047         | rVB      | 253519         | 465973        | 43.83%          | 3.136%        |
| 12        | 9.311       | 1064          | 1068        | 1074         | rVB4     | 11253          | 18113         | 1.70%           | 0.122%        |
| 13        | 9.499       | 1095          | 1100        | 1106         | rVB3     | 12603          | 21654         | 2.04%           | 0.146%        |
| 14        | 9.846       | 1152          | 1159        | 1170         | rVB      | 200424         | 365456        | 34.37%          | 2.460%        |
| 15        | 10.157      | 1207          | 1212        | 1217         | rBV4     | 9124           | 16101         | 1.51%           | 0.108%        |
| 16        | 10.398      | 1247          | 1253        | 1265         | rBV      | 227931         | 431871        | 40.62%          | 2.907%        |
| 17        | 10.527      | 1268          | 1275        | 1289         | rBV      | 195696         | 361927        | 34.04%          | 2.436%        |
| 18        | 10.762      | 1308          | 1315        | 1323         | rVV      | 233627         | 427952        | 40.25%          | 2.880%        |
| 19        | 10.909      | 1331          | 1340        | 1354         | rVB      | 141834         | 273945        | 25.77%          | 1.844%        |
| 20        | 12.325      | 1575          | 1581        | 1585         | rBV      | 16099          | 27310         | 2.57%           | 0.184%        |
| 21        | 12.624      | 1626          | 1632        | 1640         | rVB5     | 7036           | 13771         | 1.30%           | 0.093%        |
| 22        | 12.848      | 1666          | 1670        | 1676         | rBV4     | 14381          | 18704         | 1.76%           | 0.126%        |
| 23        | 12.947      | 1682          | 1687        | 1692         | rBV6     | 7563           | 14390         | 1.35%           | 0.097%        |
| 24        | 13.018      | 1692          | 1699        | 1705         | rVB4     | 11056          | 18738         | 1.76%           | 0.126%        |
| 25        | 13.564      | 1787          | 1792        | 1801         | rVB3     | 12204          | 21931         | 2.06%           | 0.148%        |
| 26        | 13.646      | 1801          | 1806        | 1807         | rBV3     | 9082           | 12081         | 1.14%           | 0.081%        |
| 27        | 13.934      | 1850          | 1855        | 1859         | rBV4     | 5254           | 7858          | 0.74%           | 0.053%        |
| 28        | 14.005      | 1861          | 1867        | 1875         | rVV      | 350117         | 522320        | 49.13%          | 3.515%        |
| 29        | 14.163      | 1889          | 1894        | 1897         | rBV5     | 6411           | 10784         | 1.01%           | 0.073%        |
| 30        | 14.193      | 1897          | 1899        | 1905         | rVB3     | 6218           | 8621          | 0.81%           | 0.058%        |
| 31        | 14.304      | 1911          | 1918        | 1928         | rVB      | 364591         | 626849        | 58.96%          | 4.219%        |
| 32        | 14.610      | 1963          | 1970        | 1975         | rVV      | 312263         | 509806        | 47.95%          | 3.431%        |
| 33        | 14.669      | 1975          | 1980        | 1988         | rVB      | 181582         | 289359        | 27.22%          | 1.947%        |
| 34        | 14.857      | 2007          | 2012        | 2018         | rBV4     | 20838          | 43039         | 4.05%           | 0.290%        |
| 35        | 15.003      | 2029          | 2037        | 2042         | rBV6     | 12201          | 23884         | 2.25%           | 0.161%        |
| 36        | 15.221      | 2070          | 2074        | 2076         | rBV5     | 5803           | 9088          | 0.85%           | 0.061%        |

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 BNA\_G  
 ClientSampleId :  
 DBKK7

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-BG090721.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 15.344 | 2086 | 2095 | 2100 | rBV2 | 37334  | 71415  | 6.72%  | 0.481% |
| 38 | 15.473 | 2112 | 2117 | 2120 | rBV4 | 7390   | 10314  | 0.97%  | 0.069% |
| 39 | 15.603 | 2130 | 2139 | 2144 | rBV  | 494252 | 732025 | 68.85% | 4.927% |
| 40 | 15.655 | 2144 | 2148 | 2155 | rVB  | 77255  | 120445 | 11.33% | 0.811% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 15.744 | 2158 | 2163 | 2169 | rBV  | 150230 | 246568 | 23.19% | 1.659% |
| 42 | 15.814 | 2173 | 2175 | 2180 | rVB5 | 8886   | 13094  | 1.23%  | 0.088% |
| 43 | 15.914 | 2188 | 2192 | 2195 | rBV4 | 6138   | 9991   | 0.94%  | 0.067% |
| 44 | 15.955 | 2195 | 2199 | 2203 | rVB3 | 19008  | 28084  | 2.64%  | 0.189% |
| 45 | 16.055 | 2208 | 2216 | 2219 | rBV5 | 14444  | 27273  | 2.57%  | 0.184% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 46 | 16.096 | 2219 | 2223 | 2231 | rVB6 | 22016 | 44650  | 4.20% | 0.301% |
| 47 | 16.337 | 2259 | 2264 | 2271 | rVB3 | 56608 | 102343 | 9.63% | 0.689% |
| 48 | 16.454 | 2279 | 2284 | 2288 | rBV5 | 6896  | 12456  | 1.17% | 0.084% |
| 49 | 16.519 | 2291 | 2295 | 2300 | rBV5 | 22049 | 34054  | 3.20% | 0.229% |
| 50 | 16.625 | 2305 | 2313 | 2314 | rBV7 | 7461  | 11356  | 1.07% | 0.076% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 51 | 16.713 | 2324 | 2328 | 2340 | rVB7 | 11945 | 29238 | 2.75% | 0.197% |
| 52 | 17.012 | 2376 | 2379 | 2385 | rVB5 | 5700  | 9716  | 0.91% | 0.065% |
| 53 | 17.148 | 2397 | 2402 | 2412 | rVB3 | 30251 | 80672 | 7.59% | 0.543% |
| 54 | 17.259 | 2417 | 2421 | 2422 | rBV3 | 8969  | 10096 | 0.95% | 0.068% |
| 55 | 17.318 | 2427 | 2431 | 2433 | rBV2 | 17713 | 24383 | 2.29% | 0.164% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 17.359 | 2433 | 2438 | 2444 | rVB  | 391402 | 580139 | 54.56% | 3.904% |
| 57 | 17.459 | 2449 | 2455 | 2468 | rBV  | 563272 | 867562 | 81.60% | 5.839% |
| 58 | 17.559 | 2469 | 2472 | 2477 | rBV7 | 5001   | 8811   | 0.83%  | 0.059% |
| 59 | 17.770 | 2498 | 2508 | 2516 | rVV  | 629668 | 965350 | 90.80% | 6.497% |
| 60 | 17.882 | 2525 | 2527 | 2535 | rVB6 | 8909   | 13957  | 1.31%  | 0.094% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 18.011 | 2543 | 2549 | 2554 | rBV  | 60259 | 91883 | 8.64% | 0.618% |
| 62 | 18.070 | 2555 | 2559 | 2563 | rVV5 | 9865  | 17631 | 1.66% | 0.119% |
| 63 | 18.123 | 2563 | 2568 | 2573 | rVV8 | 11340 | 23284 | 2.19% | 0.157% |
| 64 | 18.205 | 2577 | 2582 | 2587 | rVV  | 27327 | 46341 | 4.36% | 0.312% |
| 65 | 18.287 | 2591 | 2596 | 2604 | rVB3 | 40744 | 70612 | 6.64% | 0.475% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 66 | 18.364 | 2605 | 2609 | 2616 | rBV  | 24141 | 36317 | 3.42% | 0.244% |
| 67 | 18.434 | 2616 | 2621 | 2625 | rBV3 | 22701 | 38263 | 3.60% | 0.258% |
| 68 | 18.522 | 2632 | 2636 | 2637 | rBV4 | 17571 | 20085 | 1.89% | 0.135% |
| 69 | 18.587 | 2644 | 2647 | 2651 | rVB3 | 13189 | 14138 | 1.33% | 0.095% |
| 70 | 18.681 | 2658 | 2663 | 2670 | rBV4 | 19822 | 38498 | 3.62% | 0.259% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 71 | 18.740 | 2670 | 2673 | 2676 | rVV3 | 10766 | 15102 | 1.42% | 0.102% |
| 72 | 18.951 | 2706 | 2709 | 2712 | rBV5 | 6663  | 10496 | 0.99% | 0.071% |
| 73 | 19.151 | 2740 | 2743 | 2745 | rBV3 | 12293 | 13828 | 1.30% | 0.093% |
| 74 | 19.180 | 2745 | 2748 | 2752 | rVB5 | 27053 | 36109 | 3.40% | 0.243% |
| 75 | 19.245 | 2756 | 2759 | 2760 | rBV3 | 7563  | 8336  | 0.78% | 0.056% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 76 | 19.309 | 2767 | 2770 | 2773 | rBV3 | 9506 | 10082 | 0.95% | 0.068% |
|----|--------|------|------|------|------|------|-------|-------|--------|

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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-BG090721.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 19.356 | 2775 | 2778 | 2781 | rBV3 | 8031   | 10948   | 1.03%   | 0.074% |
| 78  | 19.709 | 2835 | 2838 | 2840 | rBV3 | 9154   | 10739   | 1.01%   | 0.072% |
| 79  | 19.756 | 2840 | 2846 | 2853 | rVB  | 697147 | 1035401 | 97.38%  | 6.968% |
| 80  | 20.155 | 2910 | 2914 | 2920 | rBV2 | 27844  | 44559   | 4.19%   | 0.300% |
| 81  | 20.226 | 2922 | 2926 | 2931 | rVV  | 42033  | 65723   | 6.18%   | 0.442% |
| 82  | 20.267 | 2931 | 2933 | 2938 | rVB2 | 14453  | 14779   | 1.39%   | 0.099% |
| 83  | 20.631 | 2993 | 2995 | 3001 | rBV6 | 17500  | 26034   | 2.45%   | 0.175% |
| 84  | 20.760 | 3013 | 3017 | 3021 | rVB3 | 31162  | 33926   | 3.19%   | 0.228% |
| 85  | 20.872 | 3033 | 3036 | 3043 | rVB3 | 24417  | 39880   | 3.75%   | 0.268% |
| 86  | 21.260 | 3098 | 3102 | 3116 | rBV2 | 50498  | 104134  | 9.79%   | 0.701% |
| 87  | 21.495 | 3139 | 3142 | 3152 | rVB4 | 20108  | 34017   | 3.20%   | 0.229% |
| 88  | 21.630 | 3159 | 3165 | 3173 | rVB  | 446828 | 695543  | 65.42%  | 4.681% |
| 89  | 21.800 | 3190 | 3194 | 3199 | rVB2 | 25236  | 34456   | 3.24%   | 0.232% |
| 90  | 22.405 | 3291 | 3297 | 3302 | rBV3 | 21575  | 36603   | 3.44%   | 0.246% |
| 91  | 23.081 | 3409 | 3412 | 3419 | rVB3 | 19709  | 35759   | 3.36%   | 0.241% |
| 92  | 23.275 | 3440 | 3445 | 3451 | rVB3 | 18426  | 37110   | 3.49%   | 0.250% |
| 93  | 23.880 | 3544 | 3548 | 3556 | rVB4 | 30004  | 58351   | 5.49%   | 0.393% |
| 94  | 24.626 | 3664 | 3675 | 3688 | rVB2 | 397279 | 1063208 | 100.00% | 7.156% |
| 95  | 24.843 | 3702 | 3712 | 3724 | rVB2 | 251966 | 741470  | 69.74%  | 4.990% |
| 96  | 25.589 | 3836 | 3839 | 3840 | rBV3 | 9609   | 11532   | 1.08%   | 0.078% |
| 97  | 27.704 | 4194 | 4199 | 4205 | rBV9 | 8462   | 22984   | 2.16%   | 0.155% |
| 98  | 29.883 | 4568 | 4570 | 4575 | rVB6 | 7794   | 11663   | 1.10%   | 0.078% |
| 99  | 30.606 | 4691 | 4693 | 4694 | rBV2 | 9582   | 9514    | 0.89%   | 0.064% |
| 100 | 30.770 | 4719 | 4721 | 4722 | rBV  | 8756   | 9177    | 0.86%   | 0.062% |

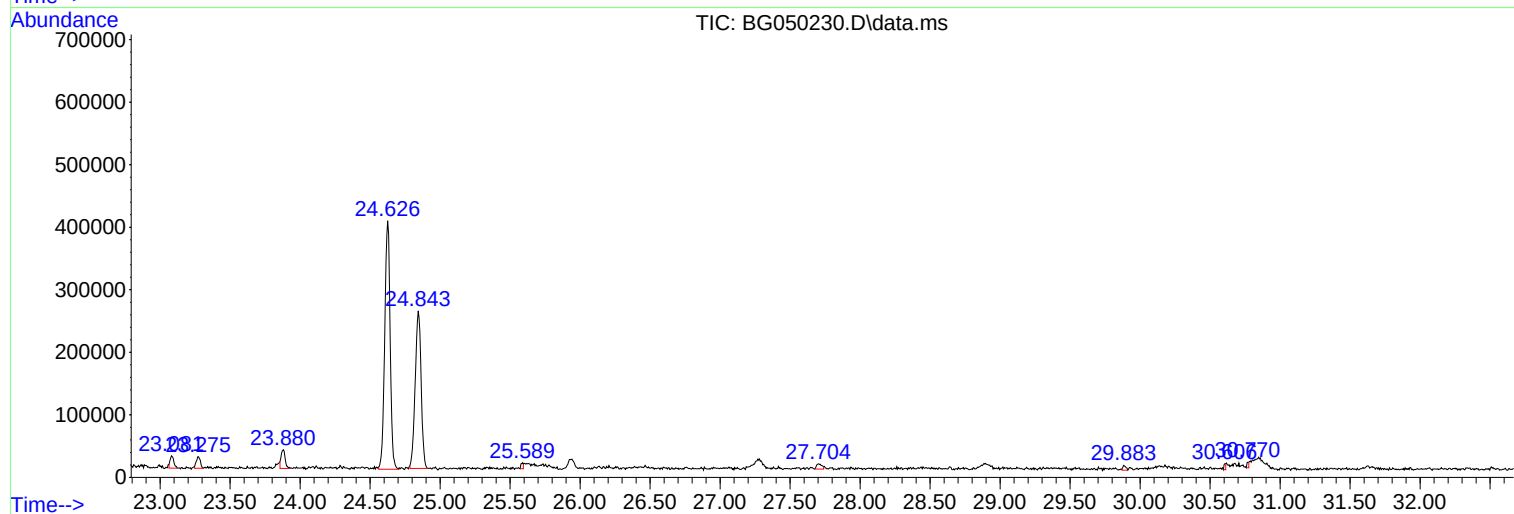
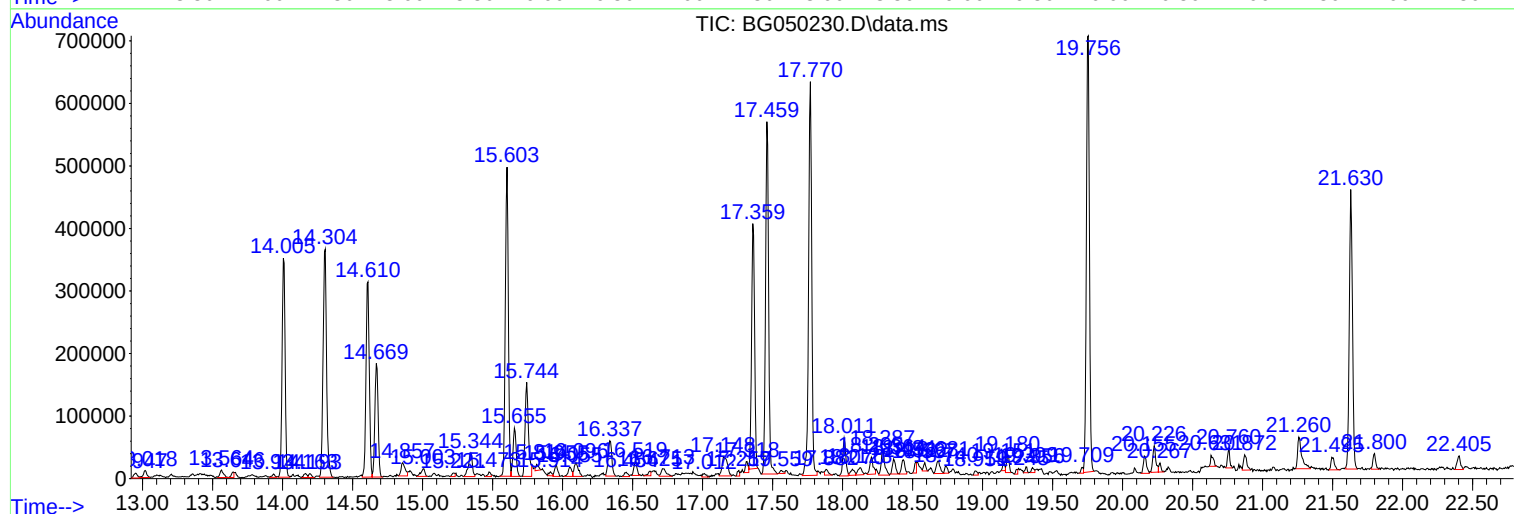
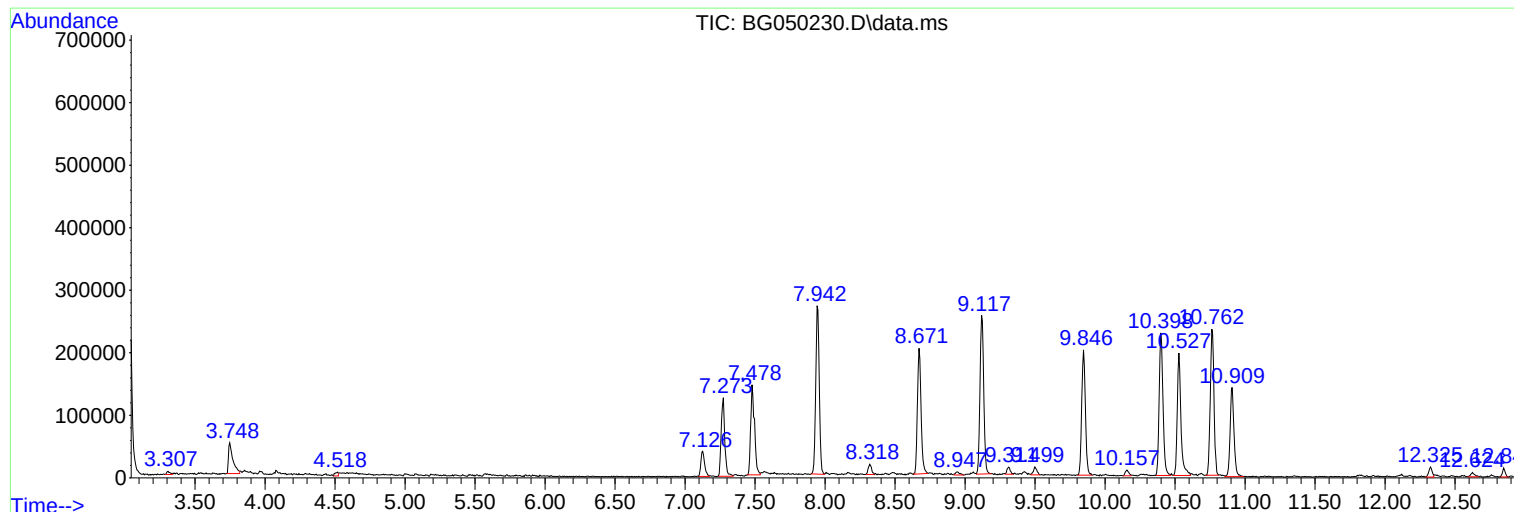
Sum of corrected areas: 14858361

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ALS Vial : 58 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION

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



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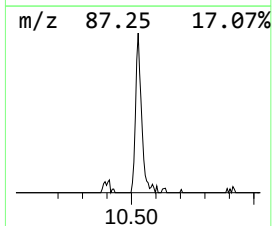
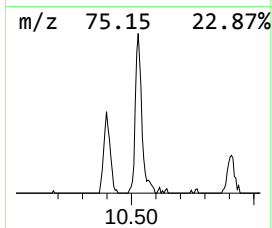
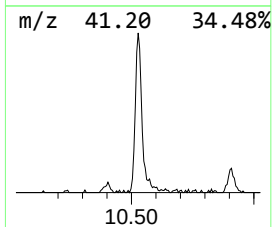
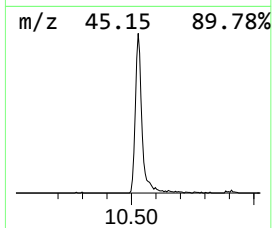
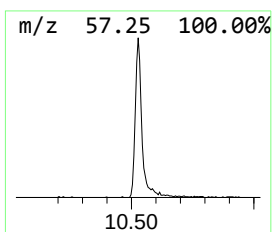
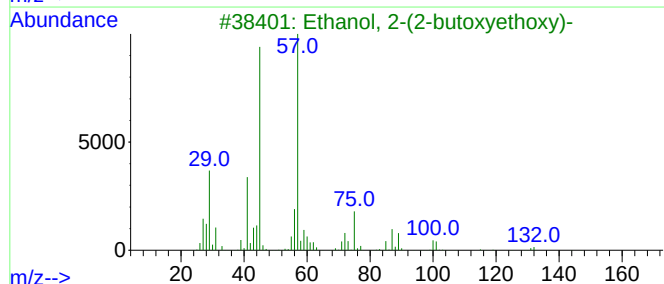
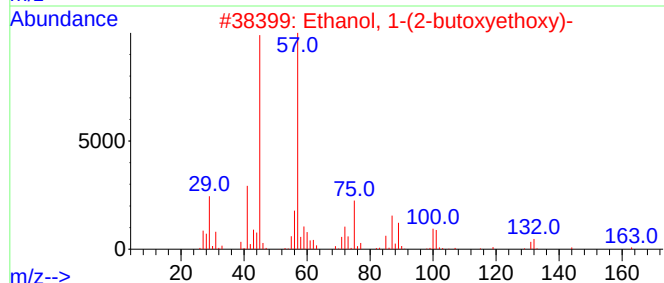
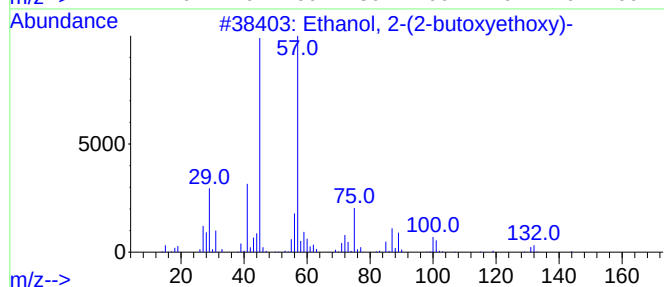
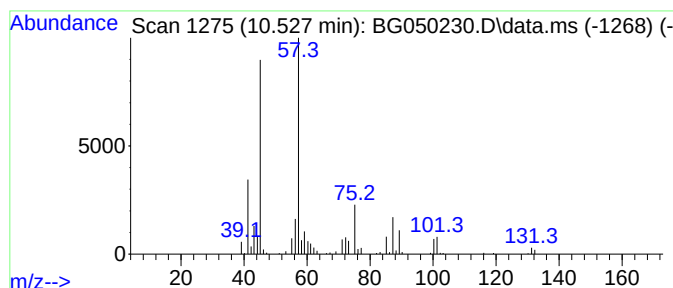
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 10.527 | 16.91 ng/ul | 361927 | Naphthalene-d8   | 10.762 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 83   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 83   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 78   |
| 4    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 72   |
| 5    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 72   |



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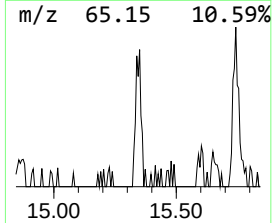
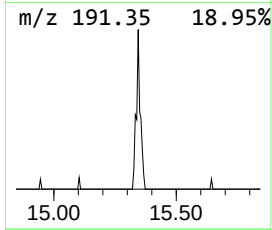
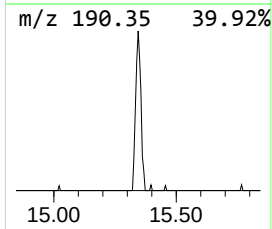
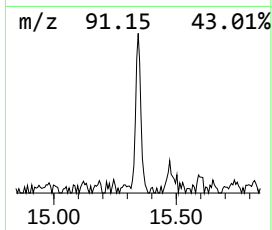
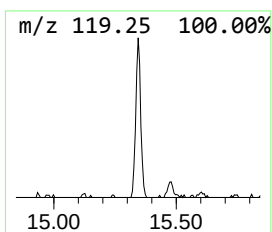
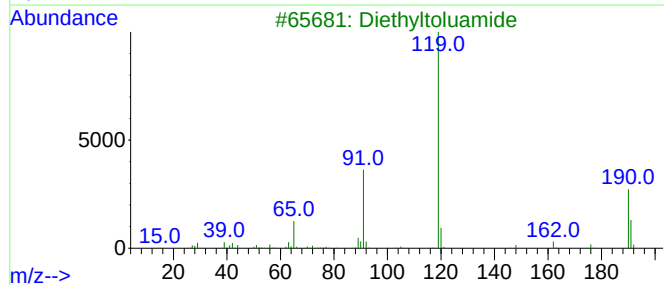
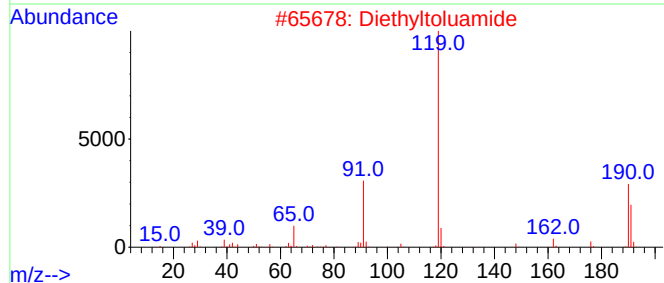
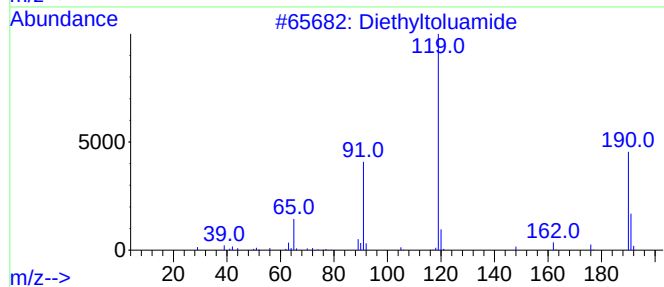
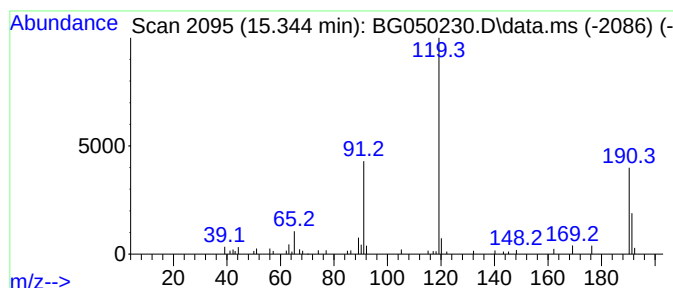
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Diethyltoluamide Concentration Rank 5

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 15.344 | 2.80 ng/ul | 71415 | Acenaphthene-d10 | 14.610 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Diethyltoluamide                 | 191 | C12H17NO | 000134-62-3 | 94   |
| 2    |    |   | Diethyltoluamide                 | 191 | C12H17NO | 000134-62-3 | 91   |
| 3    |    |   | Diethyltoluamide                 | 191 | C12H17NO | 000134-62-3 | 91   |
| 4    |    |   | Diethyltoluamide                 | 191 | C12H17NO | 000134-62-3 | 90   |
| 5    |    |   | Benzamide, N,N-diethyl-4-methyl- | 191 | C12H17NO | 002728-05-4 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050230.D  
Acq On : 9 Sep 2021 13:15  
Operator : CG/JU  
Sample : M3608-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKK7

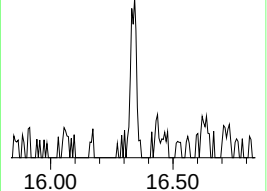
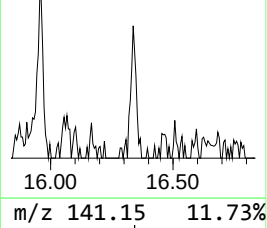
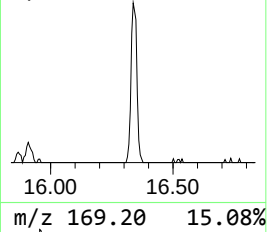
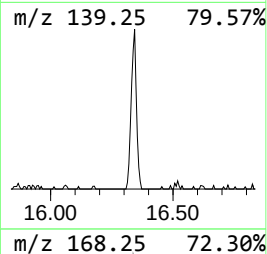
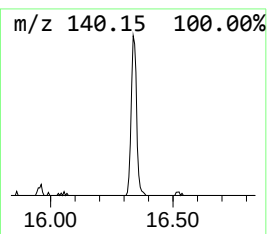
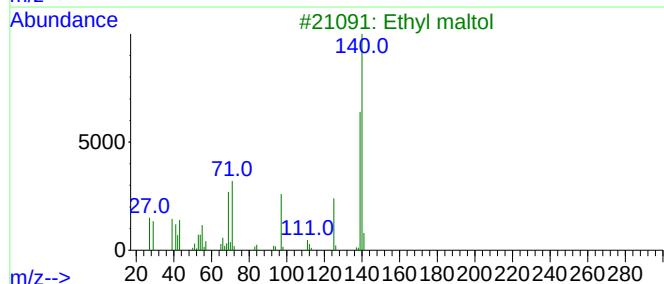
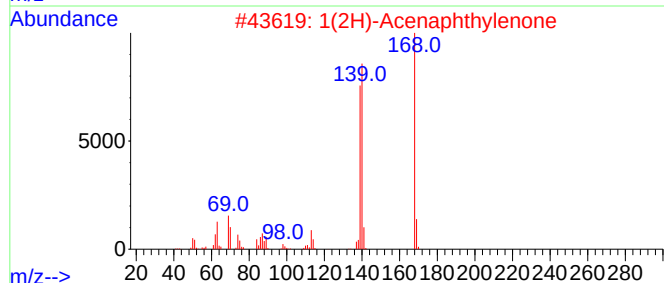
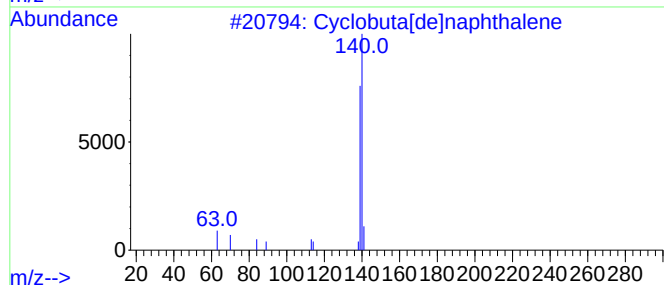
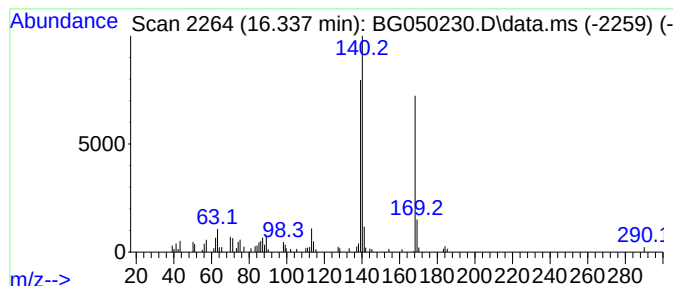
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Cyclobuta[de]naphthalene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.337 | 3.53 ng/ul | 102343 | Phenanthrene-d10 | 17.359 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclobuta[de]naphthalene | 140 | C11H8   | 024973-91-9 | 64   |
| 2    |    |   | 1(2H)-Acenaphthylenone   | 168 | C12H8O  | 002235-15-6 | 60   |
| 3    |    |   | Ethyl maltol             | 140 | C7H8O3  | 004940-11-8 | 53   |
| 4    |    |   | Ethyl maltol             | 140 | C7H8O3  | 004940-11-8 | 53   |
| 5    |    |   | Ethyl maltol             | 140 | C7H8O3  | 004940-11-8 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050230.D  
Acq On : 9 Sep 2021 13:15  
Operator : CG/JU  
Sample : M3608-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKK7

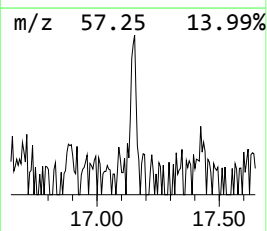
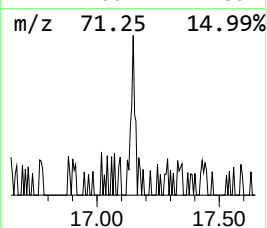
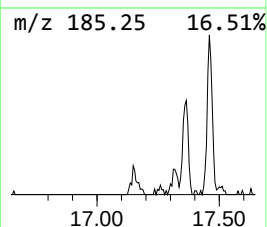
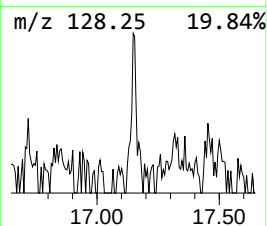
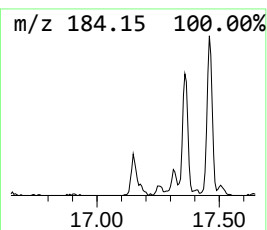
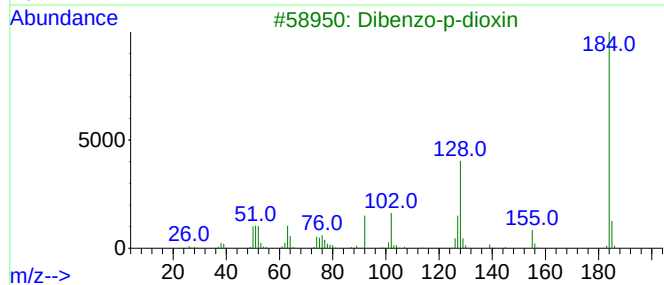
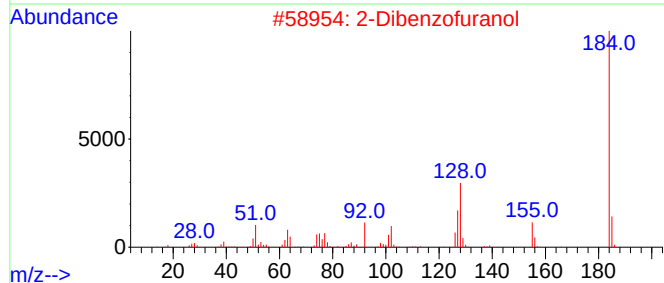
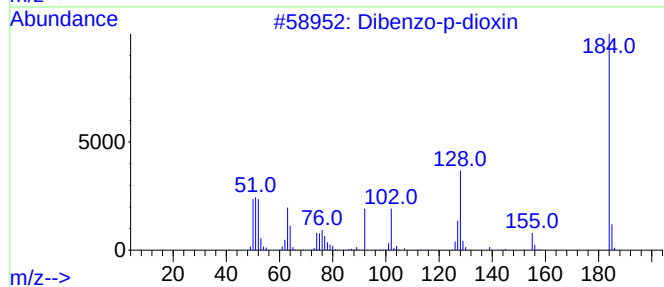
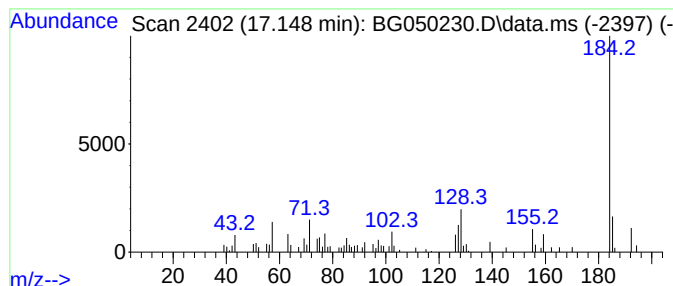
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Dibenzo-p-dioxin Concentration Rank 6

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 17.148 | 2.78 ng/ul | 80672 | Phenanthrene-d10 | 17.359 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Dibenzo-p-dioxin                   | 184 | C12H8O2 | 000262-12-4  | 90   |
| 2    |    |   | 2-Dibenzofuranol                   | 184 | C12H8O2 | 000086-77-1  | 90   |
| 3    |    |   | Dibenzo-p-dioxin                   | 184 | C12H8O2 | 000262-12-4  | 87   |
| 4    |    |   | Dibenzo-p-dioxin                   | 184 | C12H8O2 | 000262-12-4  | 86   |
| 5    |    |   | 1H-Pyrazolo[3,4-b]quinolin-3-amine | 184 | C10H8N4 | 1000319-54-1 | 83   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050230.D  
Acq On : 9 Sep 2021 13:15  
Operator : CG/JU  
Sample : M3608-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKK7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION

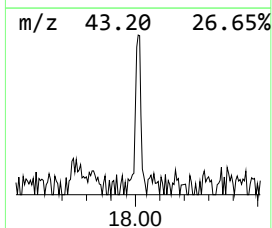
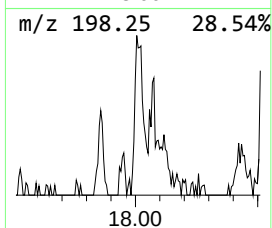
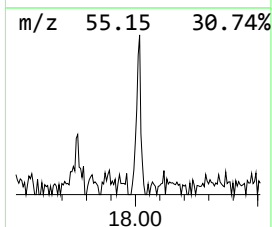
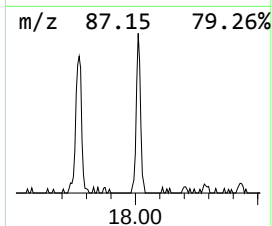
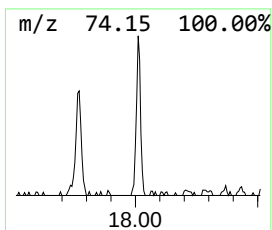
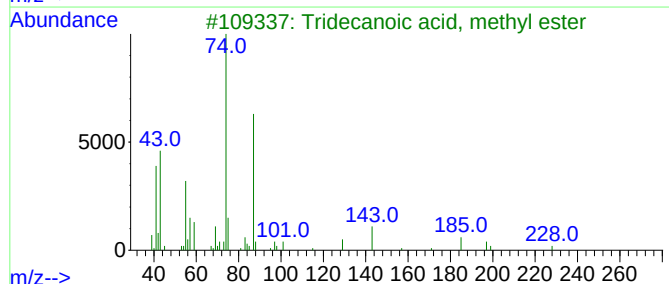
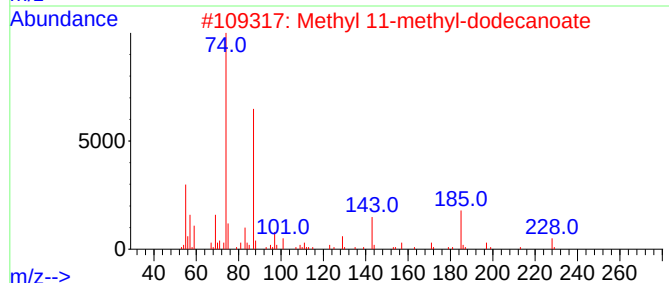
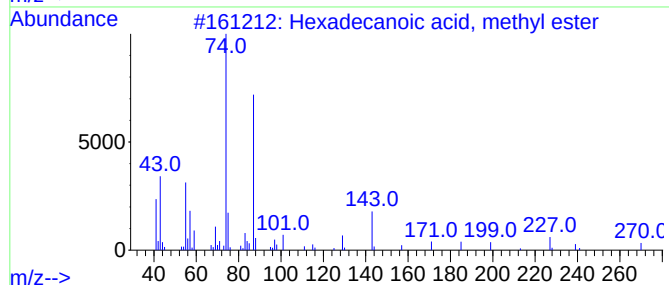
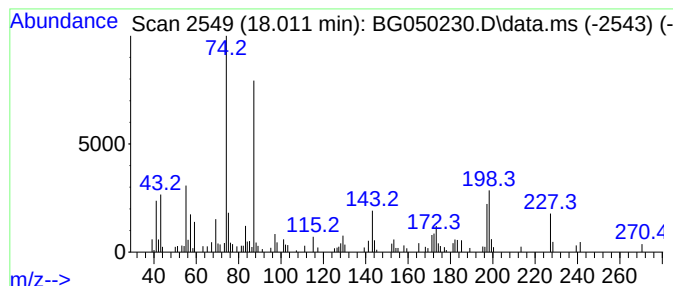
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.011 | 3.17 ng/ul | 91883 | Phenanthrene-d10 | 17.359 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#         | Qual |
|------|----|---|---------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0  | 97   |
| 2    |    |   | Methyl 11-methyl-dodecanoate    | 228 | C14H28O2 | 1000336-45-1 | 89   |
| 3    |    |   | Tridecanoic acid, methyl ester  | 228 | C14H28O2 | 001731-88-0  | 89   |
| 4    |    |   | Tridecanoic acid, methyl ester  | 228 | C14H28O2 | 001731-88-0  | 89   |
| 5    |    |   | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050230.D  
Acq On : 9 Sep 2021 13:15  
Operator : CG/JU  
Sample : M3608-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKK7

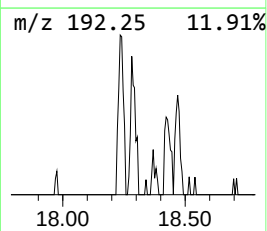
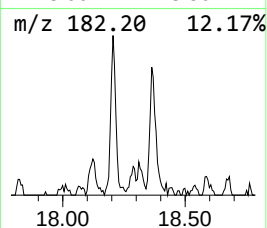
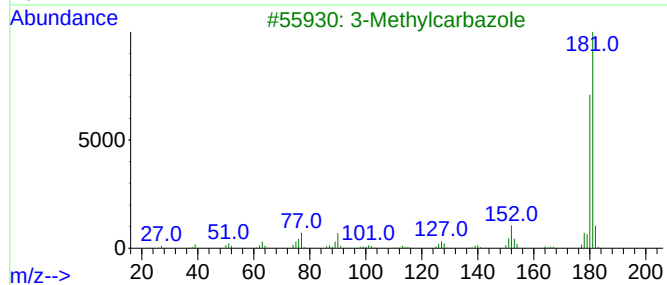
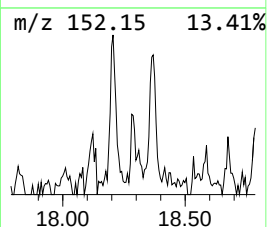
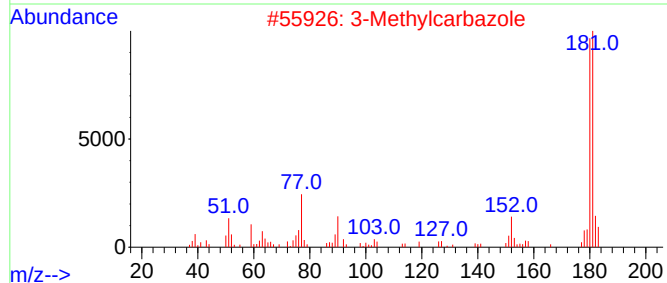
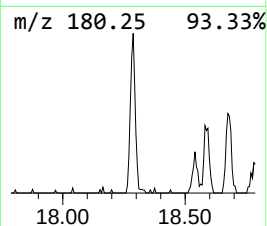
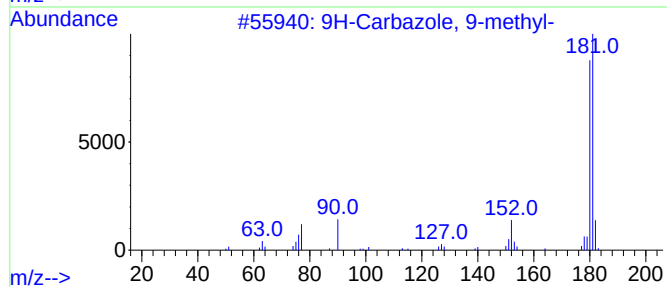
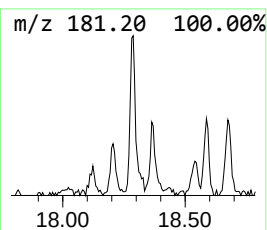
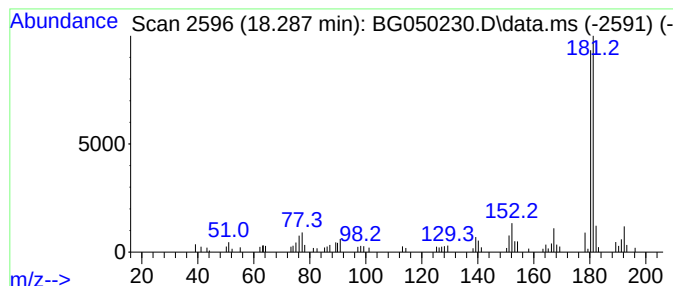
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 9H-Carbazole, 9-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.287 | 2.43 ng/ul | 70612 | Phenanthrene-d10 | 17.359 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 91   |
| 2    |    |   | 3-Methylcarbazole       | 181 | C13H11N | 004630-20-0 | 87   |
| 3    |    |   | 3-Methylcarbazole       | 181 | C13H11N | 004630-20-0 | 87   |
| 4    |    |   | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 87   |
| 5    |    |   | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050230.D  
Acq On : 9 Sep 2021 13:15  
Operator : CG/JU  
Sample : M3608-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKK7

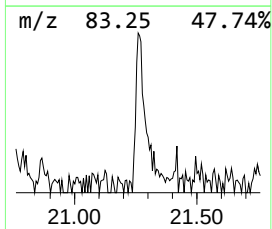
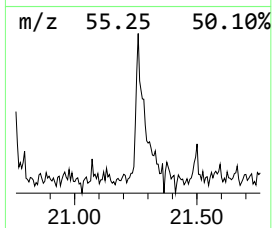
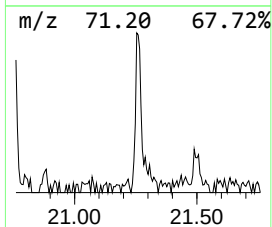
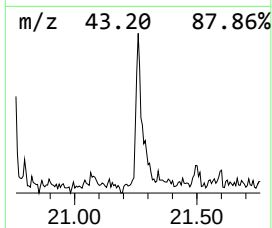
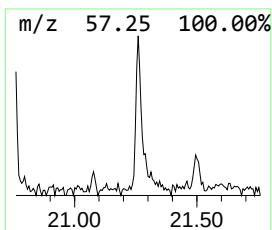
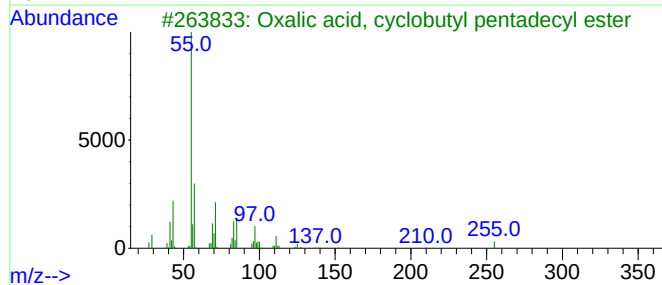
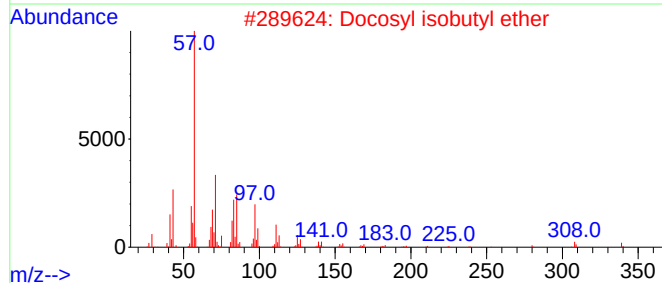
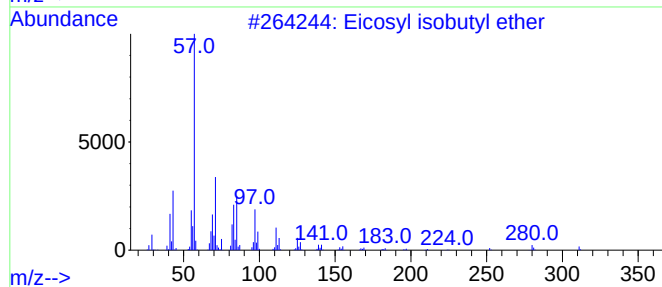
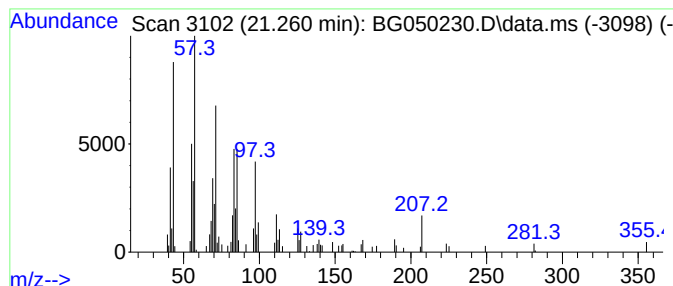
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Eicosyl isobutyl ether Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.260 | 2.99 ng/ul | 104134 | Chrysene-d12     | 21.630 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Eicosyl isobutyl ether              | 354 | C24H50O   | 1000406-33-0 | 83   |
| 2    |    |   | Docosyl isobutyl ether              | 382 | C26H54O   | 1000406-33-1 | 80   |
| 3    |    |   | Oxalic acid, cyclobutyl pentadec... | 354 | C21H38O4  | 1010309-70-5 | 74   |
| 4    |    |   | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 74   |
| 5    |    |   | Nonyl tetradecyl ether              | 340 | C23H48O   | 1000406-37-6 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
Data File : BG050230.D  
Acq On : 9 Sep 2021 13:15  
Operator : CG/JU  
Sample : M3608-11  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKK7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.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 |
| Ethanol, 2-(2-b... | 10.527 | 16.9    | ng/ul | 361927   | 2                     | 10.762 | 427952 | 20.0 |
| Diethyltoluamide   | 15.344 | 2.8     | ng/ul | 71415    | 3                     | 14.610 | 509806 | 20.0 |
| Cyclobuta[de]na... | 16.337 | 3.5     | ng/ul | 102343   | 4                     | 17.359 | 580139 | 20.0 |
| Dibenzo-p-dioxin   | 17.148 | 2.8     | ng/ul | 80672    | 4                     | 17.359 | 580139 | 20.0 |
| Hexadecanoic ac... | 18.011 | 3.2     | ng/ul | 91883    | 4                     | 17.359 | 580139 | 20.0 |
| 9H-Carbazole, 9... | 18.287 | 2.4     | ng/ul | 70612    | 4                     | 17.359 | 580139 | 20.0 |
| Eicosyl isobuty... | 21.260 | 3.0     | ng/ul | 104134   | 5                     | 21.630 | 695543 | 20.0 |