

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
 Data File : BG060459.D  
 Acq On : 29 Jan 2024 12:56  
 Operator : MA/JU  
 Sample : P1231-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BH6R9

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-BG012624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG060459.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         | 3.149       | 6             | 10          | 22           | rVB      | 743018         | 1068632       | 13.93%          | 1.584%        |
| 2         | 3.360       | 43            | 46          | 55           | rVB3     | 28170          | 54803         | 0.71%           | 0.081%        |
| 3         | 3.631       | 87            | 92          | 101          | rBV      | 222935         | 351164        | 4.58%           | 0.520%        |
| 4         | 3.778       | 112           | 117         | 124          | rBV      | 125275         | 225923        | 2.95%           | 0.335%        |
| 5         | 3.842       | 124           | 128         | 133          | rVV2     | 100188         | 155537        | 2.03%           | 0.231%        |
| 6         | 3.883       | 133           | 135         | 141          | rVV      | 38835          | 55168         | 0.72%           | 0.082%        |
| 7         | 3.930       | 141           | 143         | 153          | rVB7     | 15051          | 31885         | 0.42%           | 0.047%        |
| 8         | 4.007       | 153           | 156         | 159          | rBV5     | 11401          | 14773         | 0.19%           | 0.022%        |
| 9         | 4.089       | 165           | 170         | 178          | rBV6     | 26629          | 63690         | 0.83%           | 0.094%        |
| 10        | 4.259       | 195           | 199         | 201          | rBV4     | 13070          | 17186         | 0.22%           | 0.025%        |
| 11        | 4.483       | 231           | 237         | 241          | rBV2     | 27160          | 43881         | 0.57%           | 0.065%        |
| 12        | 4.618       | 255           | 260         | 263          | rBV5     | 14361          | 25423         | 0.33%           | 0.038%        |
| 13        | 4.665       | 263           | 268         | 272          | rVV      | 168602         | 265148        | 3.46%           | 0.393%        |
| 14        | 4.700       | 272           | 274         | 281          | rVB      | 62581          | 82503         | 1.08%           | 0.122%        |
| 15        | 4.912       | 308           | 310         | 316          | rVB5     | 13806          | 18868         | 0.25%           | 0.028%        |
| 16        | 5.017       | 323           | 328         | 334          | rVB      | 47022          | 67761         | 0.88%           | 0.100%        |
| 17        | 5.111       | 338           | 344         | 350          | rBV      | 26928          | 47232         | 0.62%           | 0.070%        |
| 18        | 5.816       | 458           | 464         | 468          | rBV5     | 13862          | 24423         | 0.32%           | 0.036%        |
| 19        | 5.916       | 478           | 481         | 489          | rVB7     | 9255           | 18560         | 0.24%           | 0.028%        |
| 20        | 6.216       | 528           | 532         | 538          | rVV6     | 12715          | 23874         | 0.31%           | 0.035%        |
| 21        | 6.751       | 620           | 623         | 627          | rVB6     | 10464          | 14659         | 0.19%           | 0.022%        |
| 22        | 7.085       | 669           | 680         | 697          | rBV2     | 420399         | 1167355       | 15.22%          | 1.730%        |
| 23        | 7.250       | 702           | 708         | 719          | rVV      | 341574         | 550856        | 7.18%           | 0.816%        |
| 24        | 7.456       | 736           | 743         | 755          | rBV      | 361855         | 650019        | 8.47%           | 0.963%        |
| 25        | 7.608       | 766           | 769         | 774          | rVB7     | 12788          | 19884         | 0.26%           | 0.029%        |
| 26        | 7.926       | 815           | 823         | 831          | rBV      | 590448         | 1020974       | 13.31%          | 1.513%        |
| 27        | 8.161       | 856           | 863         | 865          | rBV6     | 14163          | 25651         | 0.33%           | 0.038%        |
| 28        | 8.631       | 935           | 943         | 956          | rVV      | 429211         | 808194        | 10.54%          | 1.198%        |
| 29        | 8.742       | 956           | 962         | 974          | rVB      | 168267         | 344026        | 4.48%           | 0.510%        |
| 30        | 9.083       | 1013          | 1020        | 1028         | rBV      | 309513         | 583947        | 7.61%           | 0.866%        |
| 31        | 9.489       | 1083          | 1089        | 1094         | rVB8     | 9440           | 17247         | 0.22%           | 0.026%        |
| 32        | 9.806       | 1137          | 1143        | 1156         | rBV      | 258862         | 495591        | 6.46%           | 0.735%        |
| 33        | 10.023      | 1173          | 1180        | 1187         | rBV8     | 14153          | 36729         | 0.48%           | 0.054%        |
| 34        | 10.158      | 1194          | 1203        | 1211         | rBV9     | 22138          | 59045         | 0.77%           | 0.088%        |
| 35        | 10.346      | 1229          | 1235        | 1248         | rVB      | 449633         | 867836        | 11.31%          | 1.286%        |
| 36        | 10.581      | 1271          | 1275        | 1284         | rVB9     | 15162          | 35218         | 0.46%           | 0.052%        |

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 ClientSampleId :  
 BH6R9

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-BG012624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 10.728 | 1290 | 1300 | 1314 | rBV   | 902148  | 1667938 | 21.74% | 2.472% |
| 38 | 10.869 | 1317 | 1324 | 1339 | rBV   | 62471   | 175007  | 2.28%  | 0.259% |
| 39 | 11.098 | 1359 | 1363 | 1366 | rVB5  | 9394    | 15179   | 0.20%  | 0.022% |
| 40 | 11.263 | 1385 | 1391 | 1402 | rBV5  | 15859   | 46649   | 0.61%  | 0.069% |
| 41 | 11.363 | 1402 | 1408 | 1410 | rBV4  | 12488   | 24232   | 0.32%  | 0.036% |
| 42 | 11.392 | 1411 | 1413 | 1420 | rVB7  | 17046   | 22330   | 0.29%  | 0.033% |
| 43 | 11.457 | 1420 | 1424 | 1431 | rBV6  | 11207   | 25603   | 0.33%  | 0.038% |
| 44 | 11.539 | 1433 | 1438 | 1444 | rVB6  | 9485    | 18852   | 0.25%  | 0.028% |
| 45 | 12.103 | 1529 | 1534 | 1536 | rBV5  | 9804    | 15715   | 0.20%  | 0.023% |
| 46 | 12.779 | 1641 | 1649 | 1652 | rBV7  | 10292   | 20283   | 0.26%  | 0.030% |
| 47 | 13.378 | 1745 | 1751 | 1756 | rBV5  | 18135   | 27211   | 0.35%  | 0.040% |
| 48 | 13.449 | 1758 | 1763 | 1768 | rBV3  | 32265   | 48609   | 0.63%  | 0.072% |
| 49 | 13.883 | 1830 | 1837 | 1841 | rBV9  | 12510   | 21160   | 0.28%  | 0.031% |
| 50 | 13.966 | 1844 | 1851 | 1858 | rBV   | 1040199 | 1512243 | 19.71% | 2.241% |
| 51 | 14.253 | 1894 | 1900 | 1917 | rBV   | 1281597 | 2140645 | 27.91% | 3.173% |
| 52 | 14.565 | 1946 | 1953 | 1962 | rBV   | 1726611 | 2766838 | 36.07% | 4.101% |
| 53 | 14.765 | 1981 | 1987 | 2004 | rBV   | 230199  | 509357  | 6.64%  | 0.755% |
| 54 | 14.923 | 2010 | 2014 | 2018 | rBV6  | 14667   | 24105   | 0.31%  | 0.036% |
| 55 | 14.982 | 2018 | 2024 | 2036 | rVV   | 261416  | 471852  | 6.15%  | 0.699% |
| 56 | 15.552 | 2113 | 2121 | 2128 | rBV   | 1732185 | 2648761 | 34.53% | 3.926% |
| 57 | 15.669 | 2136 | 2141 | 2152 | rVB   | 328866  | 511784  | 6.67%  | 0.759% |
| 58 | 16.286 | 2237 | 2246 | 2250 | rBV10 | 30989   | 73860   | 0.96%  | 0.109% |
| 59 | 16.615 | 2297 | 2302 | 2306 | rBV5  | 20026   | 35448   | 0.46%  | 0.053% |
| 60 | 16.768 | 2325 | 2328 | 2331 | rVB5  | 15279   | 21009   | 0.27%  | 0.031% |
| 61 | 16.839 | 2334 | 2340 | 2344 | rBV5  | 27018   | 42431   | 0.55%  | 0.063% |
| 62 | 16.880 | 2344 | 2347 | 2351 | rBV3  | 18713   | 23096   | 0.30%  | 0.034% |
| 63 | 16.974 | 2358 | 2363 | 2366 | rBV7  | 15627   | 32238   | 0.42%  | 0.048% |
| 64 | 17.309 | 2414 | 2420 | 2425 | rBV   | 2400980 | 3591691 | 46.82% | 5.324% |
| 65 | 17.409 | 2431 | 2437 | 2447 | rVB   | 1954391 | 3016962 | 39.33% | 4.472% |
| 66 | 17.826 | 2506 | 2508 | 2513 | rVB3  | 28127   | 32223   | 0.42%  | 0.048% |
| 67 | 17.890 | 2516 | 2519 | 2527 | rVB8  | 19247   | 35064   | 0.46%  | 0.052% |
| 68 | 17.967 | 2529 | 2532 | 2535 | rBV5  | 16345   | 26046   | 0.34%  | 0.039% |
| 69 | 18.073 | 2548 | 2550 | 2553 | rVB2  | 17345   | 14862   | 0.19%  | 0.022% |
| 70 | 18.196 | 2565 | 2571 | 2574 | rBV2  | 135765  | 261416  | 3.41%  | 0.387% |
| 71 | 18.237 | 2574 | 2578 | 2582 | rVB2  | 124954  | 193911  | 2.53%  | 0.287% |
| 72 | 18.313 | 2587 | 2591 | 2596 | rBV   | 86228   | 123793  | 1.61%  | 0.183% |
| 73 | 18.384 | 2597 | 2603 | 2607 | rBV3  | 355836  | 614025  | 8.00%  | 0.910% |
| 74 | 18.490 | 2618 | 2621 | 2625 | rBV6  | 21320   | 32948   | 0.43%  | 0.049% |
| 75 | 18.625 | 2640 | 2644 | 2649 | rBV8  | 32770   | 57184   | 0.75%  | 0.085% |
| 76 | 18.684 | 2650 | 2654 | 2659 | rVV   | 160668  | 225288  | 2.94%  | 0.334% |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BH6R9

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-BG012624.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 18.778 | 2666 | 2670 | 2674 | rVB2 | 70117   | 95079   | 1.24%   | 0.141%  |
| 78  | 18.995 | 2701 | 2707 | 2710 | rBV4 | 87600   | 181011  | 2.36%   | 0.268%  |
| 79  | 19.101 | 2720 | 2725 | 2730 | rBV  | 153871  | 277348  | 3.62%   | 0.411%  |
| 80  | 19.242 | 2745 | 2749 | 2752 | rBV3 | 138030  | 260118  | 3.39%   | 0.386%  |
| 81  | 19.365 | 2764 | 2770 | 2778 | rBV  | 3249999 | 4663390 | 60.79%  | 6.912%  |
| 82  | 19.518 | 2792 | 2796 | 2800 | rBV  | 236730  | 315892  | 4.12%   | 0.468%  |
| 83  | 19.700 | 2821 | 2827 | 2830 | rBV3 | 2540426 | 4041034 | 52.68%  | 5.990%  |
| 84  | 19.729 | 2830 | 2832 | 2840 | rVV  | 2358728 | 2919276 | 38.06%  | 4.327%  |
| 85  | 19.800 | 2841 | 2844 | 2850 | rVB2 | 162781  | 237558  | 3.10%   | 0.352%  |
| 86  | 19.912 | 2858 | 2863 | 2869 | rVB  | 193158  | 294950  | 3.84%   | 0.437%  |
| 87  | 20.047 | 2881 | 2886 | 2894 | rBV4 | 270054  | 699394  | 9.12%   | 1.037%  |
| 88  | 20.188 | 2905 | 2910 | 2911 | rBV2 | 200333  | 287486  | 3.75%   | 0.426%  |
| 89  | 20.223 | 2912 | 2916 | 2922 | rVB  | 863061  | 1236986 | 16.13%  | 1.833%  |
| 90  | 20.323 | 2928 | 2933 | 2937 | rBV  | 745949  | 986508  | 12.86%  | 1.462%  |
| 91  | 20.382 | 2937 | 2943 | 2948 | rVB2 | 328916  | 601381  | 7.84%   | 0.891%  |
| 92  | 20.523 | 2963 | 2967 | 2970 | rBV  | 142625  | 215076  | 2.80%   | 0.319%  |
| 93  | 20.570 | 2972 | 2975 | 2983 | rVB2 | 215325  | 346208  | 4.51%   | 0.513%  |
| 94  | 20.934 | 3034 | 3037 | 3041 | rBV3 | 133882  | 200311  | 2.61%   | 0.297%  |
| 95  | 21.163 | 3072 | 3076 | 3079 | rBV  | 217448  | 300471  | 3.92%   | 0.445%  |
| 96  | 21.210 | 3079 | 3084 | 3088 | rBV2 | 308680  | 599606  | 7.82%   | 0.889%  |
| 97  | 21.568 | 3137 | 3145 | 3150 | rBV2 | 3109818 | 7671014 | 100.00% | 11.370% |
| 98  | 21.615 | 3150 | 3153 | 3163 | rVB  | 1488107 | 2628044 | 34.26%  | 3.895%  |
| 99  | 23.736 | 3506 | 3514 | 3521 | rBV  | 1177891 | 3933259 | 51.27%  | 5.830%  |
| 100 | 24.735 | 3676 | 3684 | 3695 | rBV  | 1433006 | 3955303 | 51.56%  | 5.862%  |

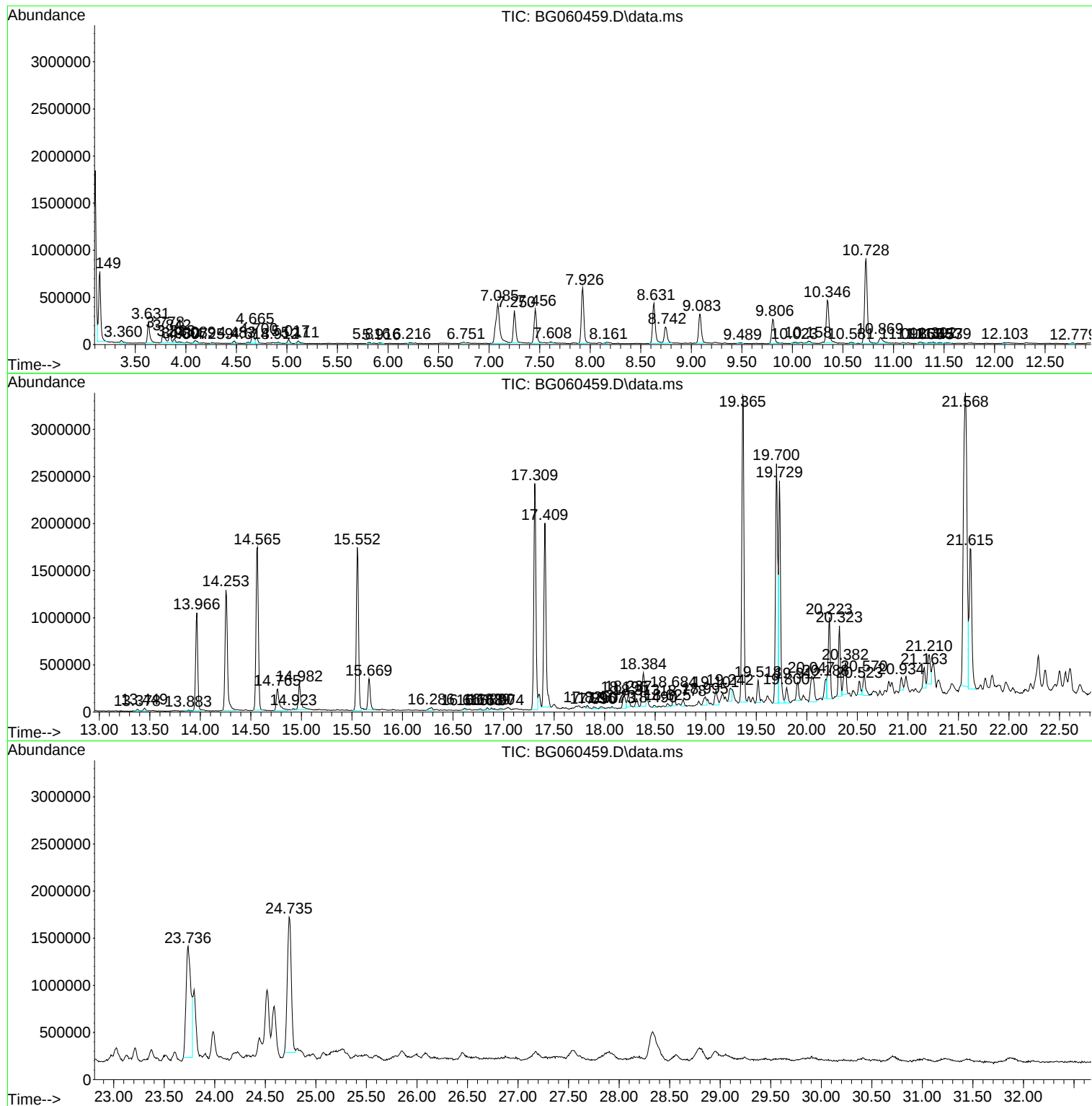
Sum of corrected areas: 67468216

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION

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



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Data File : BG060459.D  
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Sample : P1231-01  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION

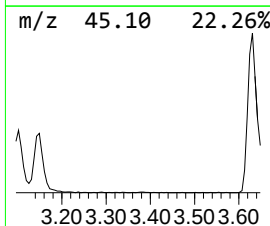
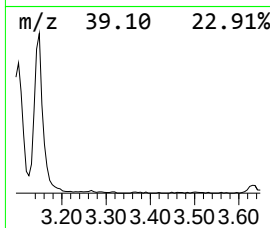
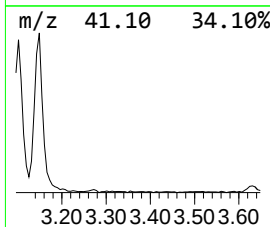
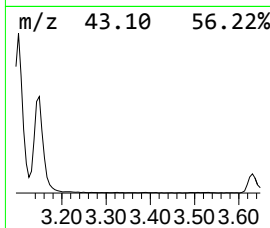
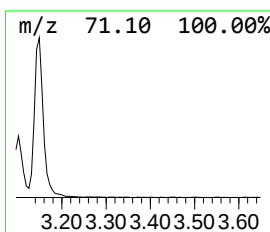
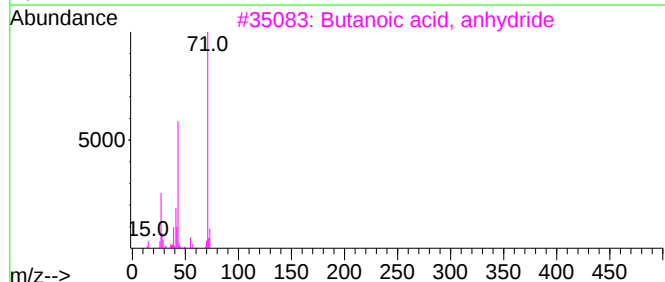
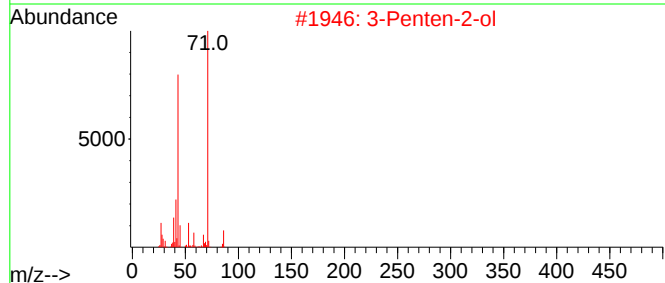
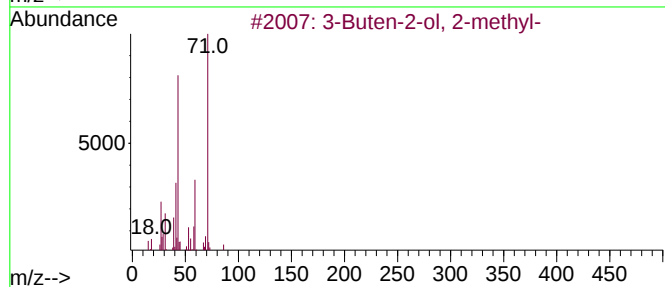
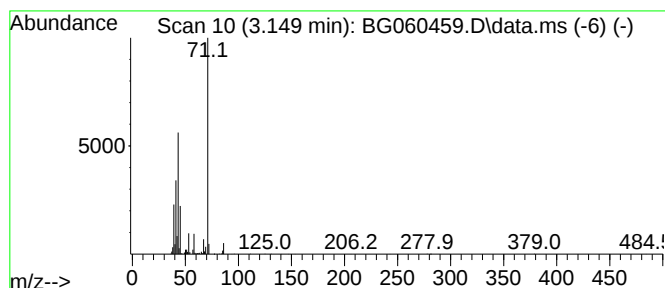
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 3-Buten-2-ol, 2-methyl- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.149 | 20.93 ng/ul | 1068630 | 1,4-Dichlorobenzene-d4 | 7.926 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Buten-2-ol, 2-methyl-             | 86  | C5H10O  | 000115-18-4 | 72   |
| 2    |    |   | 3-Penten-2-ol                       | 86  | C5H10O  | 001569-50-2 | 64   |
| 3    |    |   | Butanoic acid, anhydride            | 158 | C8H14O3 | 000106-31-0 | 47   |
| 4    |    |   | 2-Propenoic acid, 2-methyl-, (te... | 170 | C9H14O3 | 002455-24-5 | 47   |
| 5    |    |   | 3-Buten-2-ol, 2-methyl-             | 86  | C5H10O  | 000115-18-4 | 45   |



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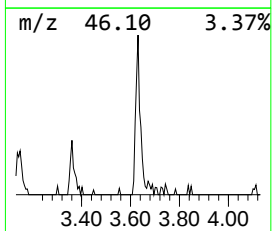
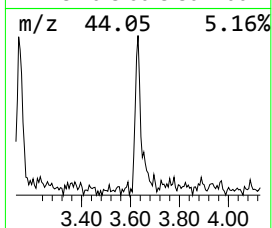
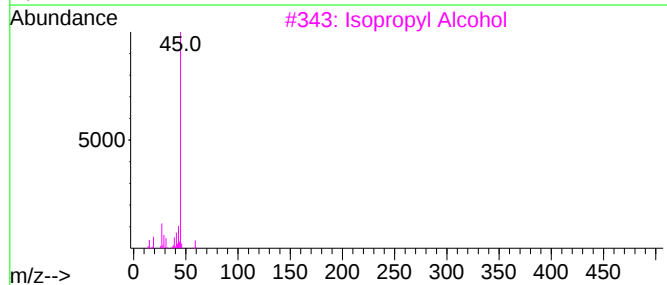
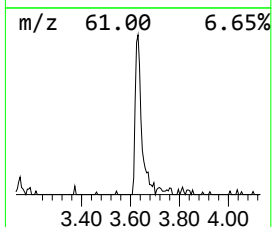
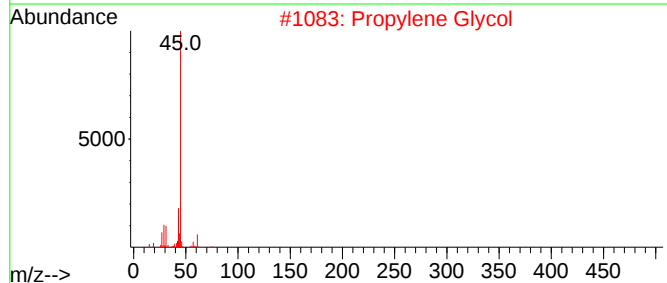
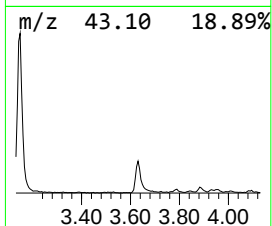
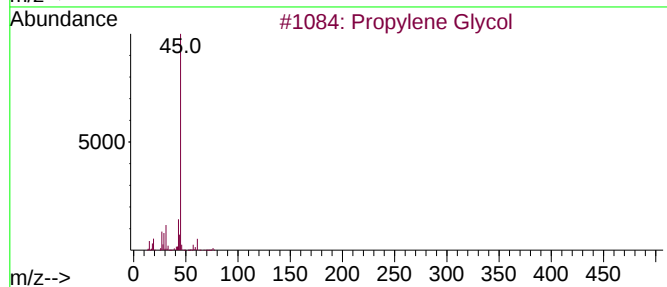
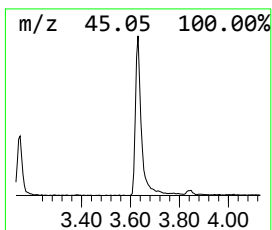
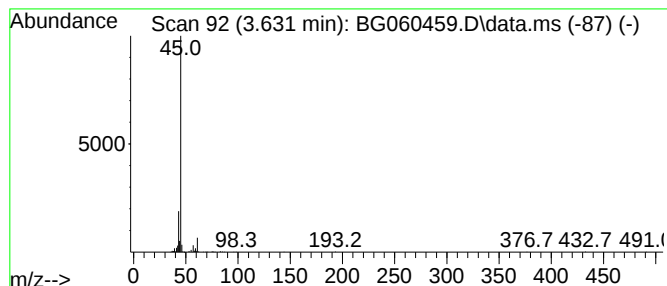
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown-01 Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.631 | 6.88 ng/ul | 351164 | 1,4-Dichlorobenzene-d4 | 7.926 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Propylene Glycol  | 76 | C3H8O2  | 000057-55-6 | 43   |
| 2    |    |   | Propylene Glycol  | 76 | C3H8O2  | 000057-55-6 | 37   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 9    |
| 4    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 9    |
| 5    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060459.D  
Acq On : 29 Jan 2024 12:56  
Operator : MA/JU  
Sample : P1231-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6R9

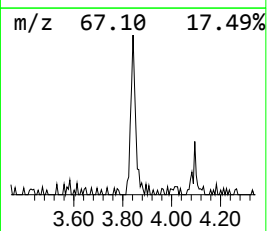
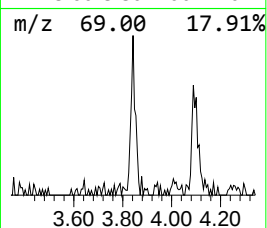
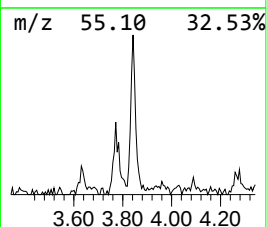
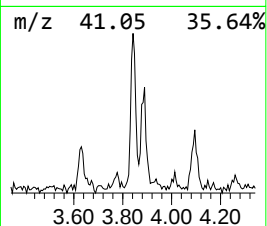
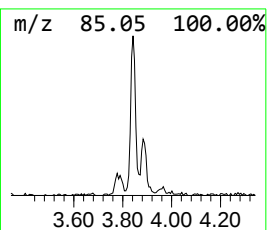
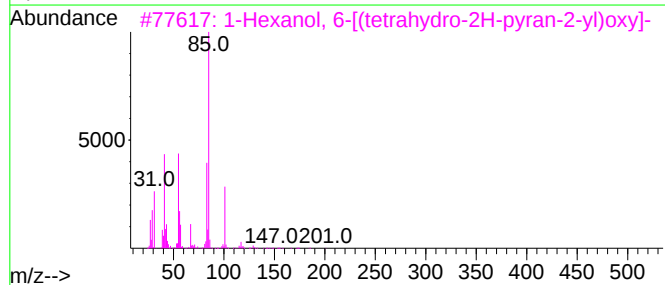
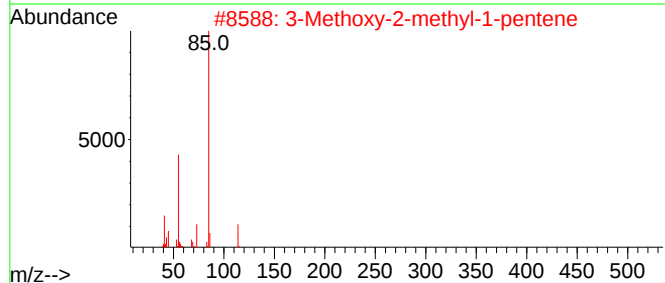
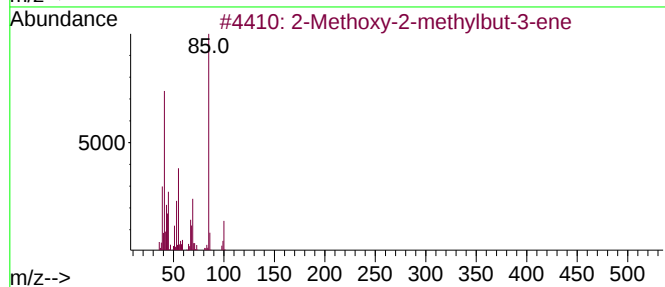
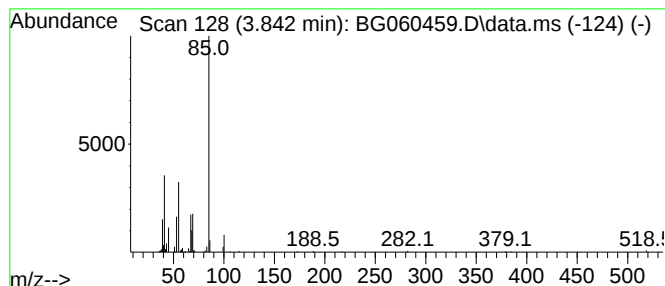
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 unknown-02 Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.842 | 3.05 ng/ul | 155537 | 1,4-Dichlorobenzene-d4 | 7.926 |

| Hit# | of                                  | 5 | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|-------------------------------------|---|--------------|----------|-------------|------|------|
| 1    | 2-Methoxy-2-methylbut-3-ene         |   | 100          | C6H12O   | 040426-44-6 | 43   |      |
| 2    | 3-Methoxy-2-methyl-1-pentene        |   | 114          | C7H14O   | 108811-45-6 | 42   |      |
| 3    | 1-Hexanol, 6-[(tetrahydro-2H-pyr... |   | 202          | C11H22O3 | 028659-22-5 | 40   |      |
| 4    | Thiazole                            |   | 85           | C3H3NS   | 000288-47-1 | 40   |      |
| 5    | 1-Methoxy-3-methyl-2-butene         |   | 100          | C6H12O   | 022093-99-8 | 40   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060459.D  
Acq On : 29 Jan 2024 12:56  
Operator : MA/JU  
Sample : P1231-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION

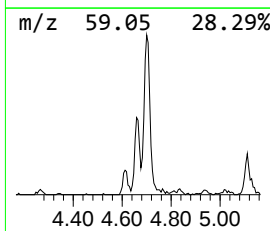
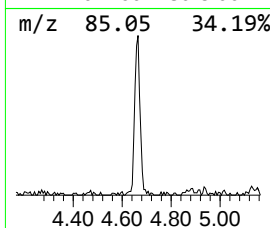
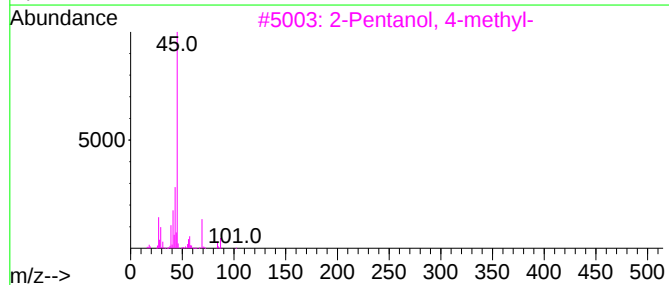
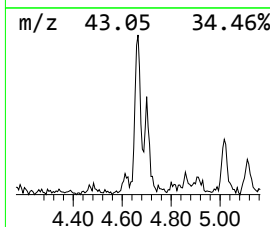
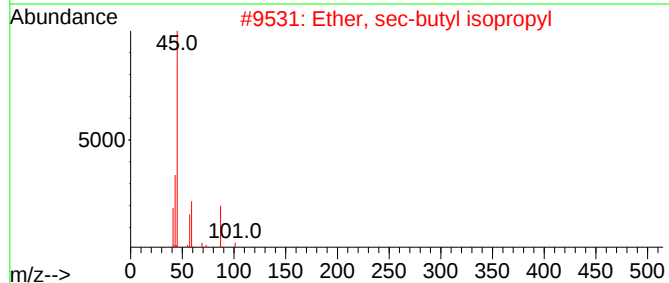
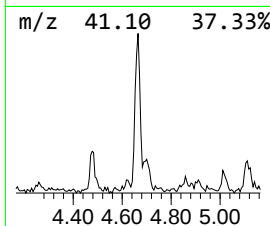
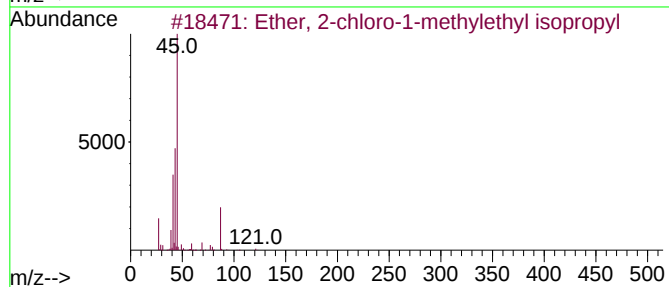
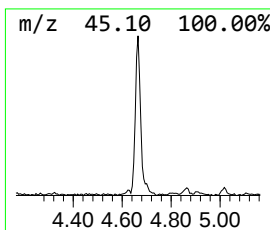
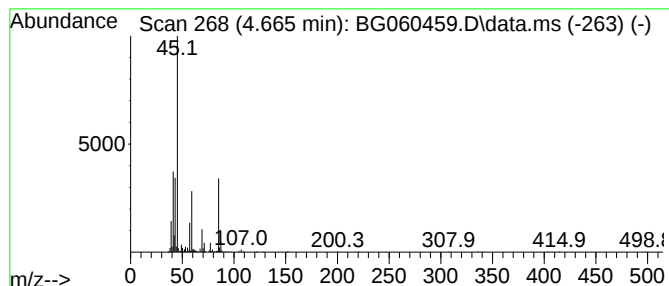
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown-03 Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.665 | 5.19 ng/ul | 265148 | 1,4-Dichlorobenzene-d4 | 7.926 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ether, 2-chloro-1-methylethyl is... | 136 | C6H13ClO | 098277-76-0 | 47   |
| 2    |    |   | Ether, sec-butyl isopropyl          | 116 | C7H16O   | 018641-81-1 | 33   |
| 3    |    |   | 2-Pentanol, 4-methyl-               | 102 | C6H14O   | 000108-11-2 | 33   |
| 4    |    |   | 4-Penten-2-ol                       | 86  | C5H10O   | 000625-31-0 | 32   |
| 5    |    |   | Propanal, 3-methoxy-                | 88  | C4H8O2   | 002806-84-0 | 28   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060459.D  
Acq On : 29 Jan 2024 12:56  
Operator : MA/JU  
Sample : P1231-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6R9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION

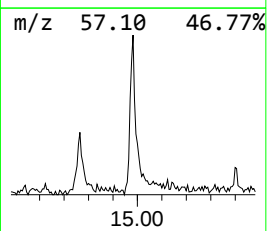
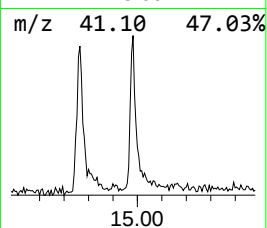
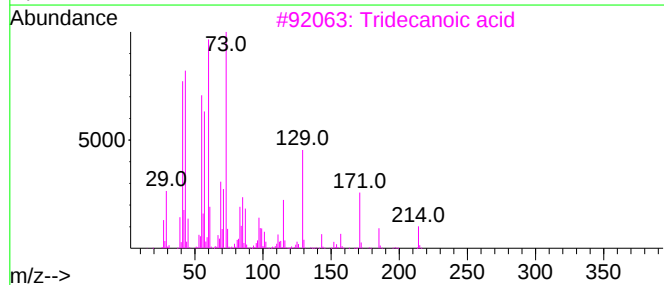
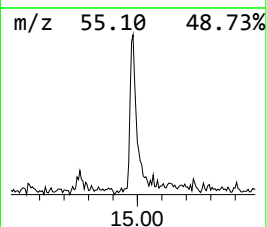
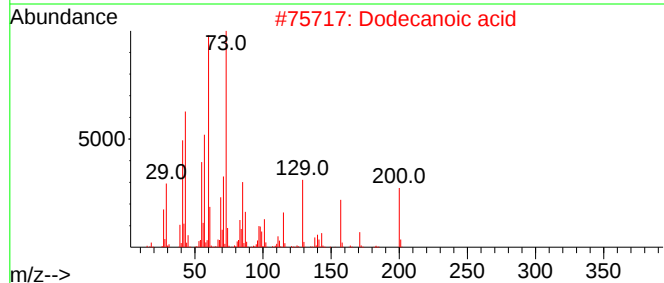
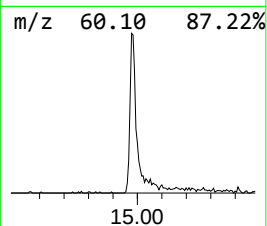
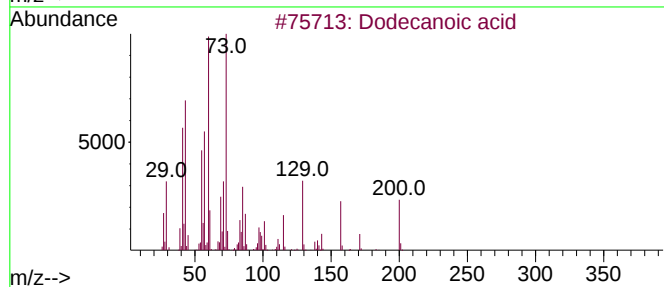
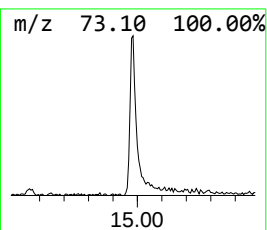
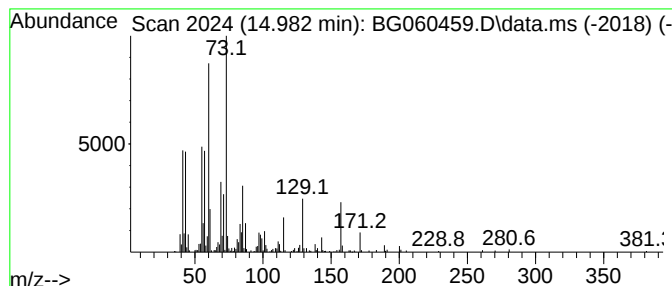
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Dodecanoic acid Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.982 | 3.41 ng/ul | 471852 | Acenaphthene-d10 | 14.565 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------|-----|----------|-------------|------|
| 1    |    |   | Dodecanoic acid  | 200 | C12H24O2 | 000143-07-7 | 91   |
| 2    |    |   | Dodecanoic acid  | 200 | C12H24O2 | 000143-07-7 | 91   |
| 3    |    |   | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 72   |
| 4    |    |   | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 72   |
| 5    |    |   | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060459.D  
Acq On : 29 Jan 2024 12:56  
Operator : MA/JU  
Sample : P1231-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6R9

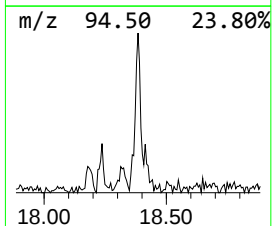
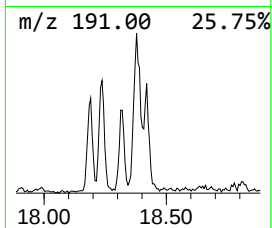
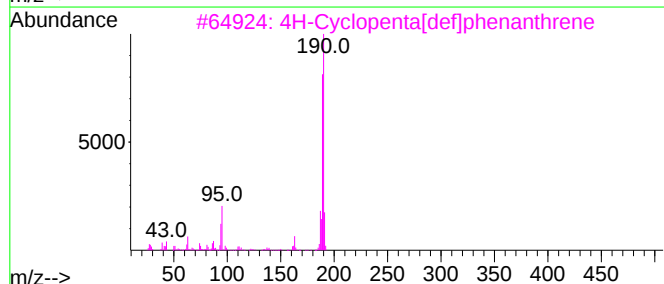
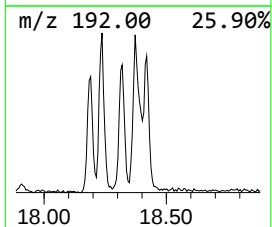
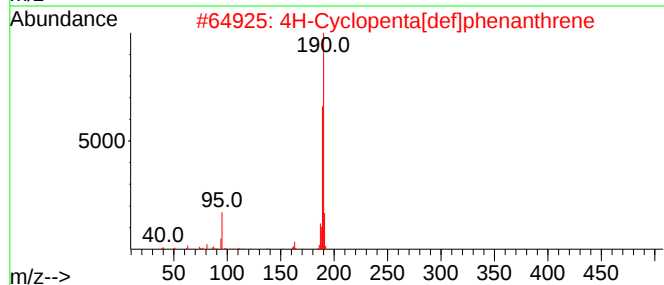
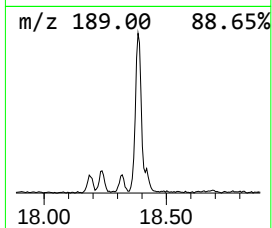
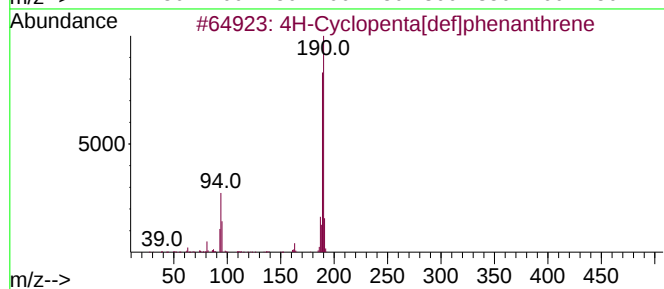
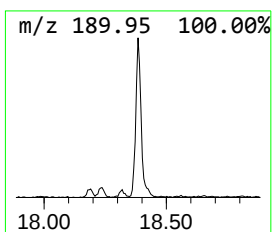
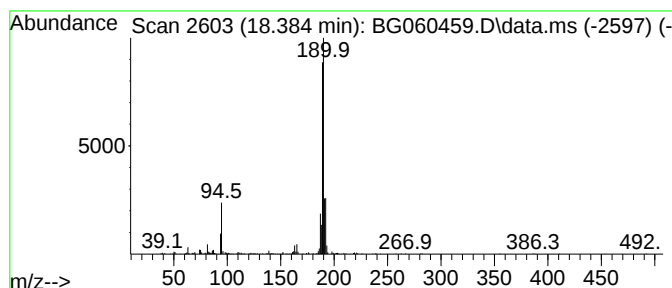
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

| R.T.      | EstConc                         | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------------------|--------|------------------|----------|-------------|------|
| 18.384    | 3.42 ng/ul                      | 614025 | Phenanthrene-d10 |          | 17.309      |      |
| Hit# of 5 | Tentative ID                    |        | MW               | MolForm  | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene  |        | 190              | C15H10   | 000203-64-5 | 95   |
| 2         | 4H-Cyclopenta[def]phenanthrene  |        | 190              | C15H10   | 000203-64-5 | 81   |
| 3         | 4H-Cyclopenta[def]phenanthrene  |        | 190              | C15H10   | 000203-64-5 | 68   |
| 4         | 2,2'-Bis(4,5-dimethylimidazole) |        | 190              | C10H14N4 | 069286-06-2 | 45   |
| 5         | Methyl diselenide               |        | 190              | C2H6Se2  | 007101-31-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060459.D  
Acq On : 29 Jan 2024 12:56  
Operator : MA/JU  
Sample : P1231-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6R9

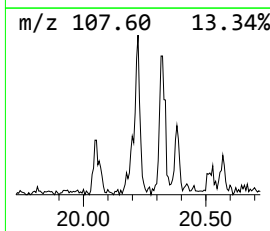
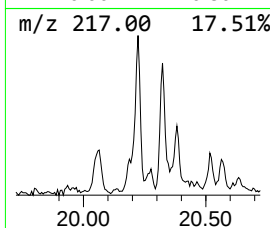
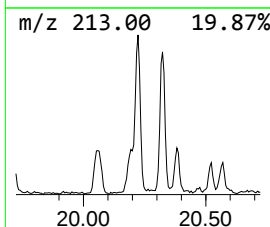
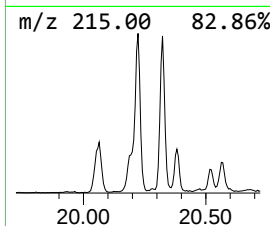
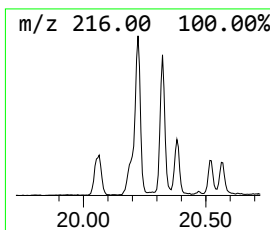
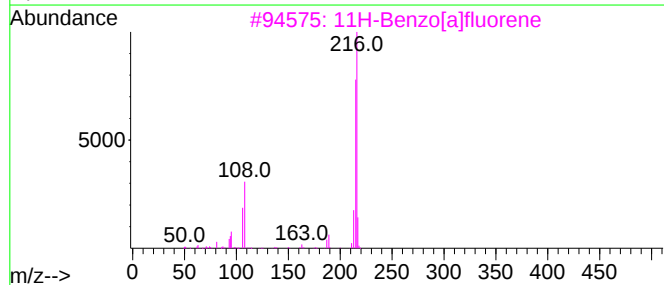
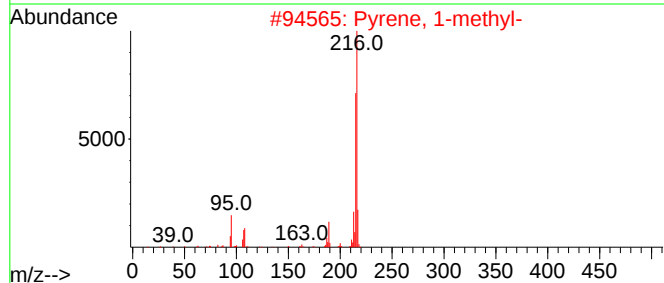
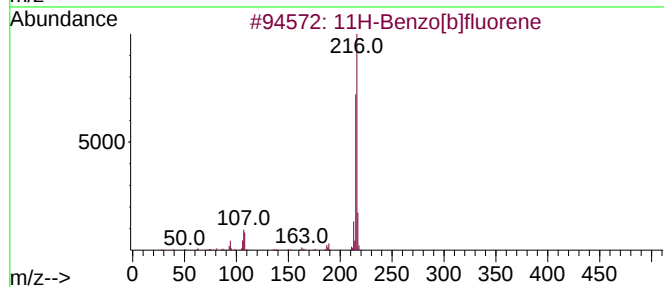
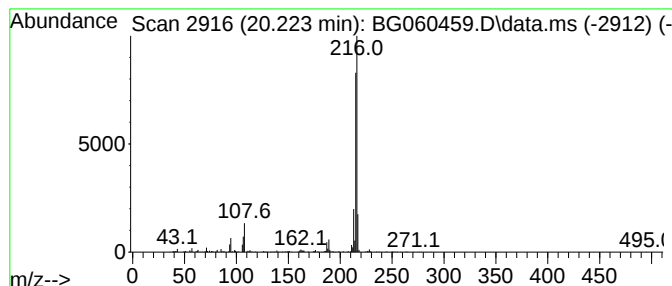
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 20.223 | 3.23 ng/ul | 1236990 | Chrysene-d12     | 21.574 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 94   |
| 2    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 90   |
| 3    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |
| 4    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 87   |
| 5    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060459.D  
Acq On : 29 Jan 2024 12:56  
Operator : MA/JU  
Sample : P1231-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6R9

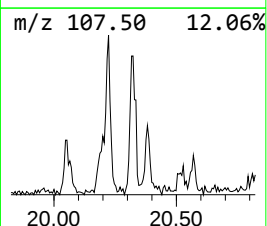
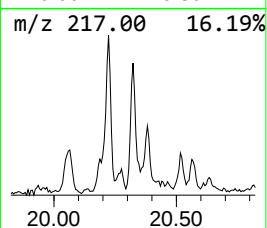
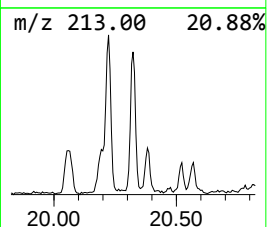
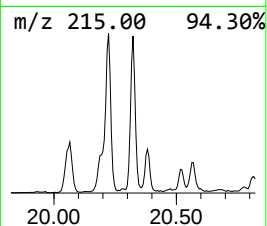
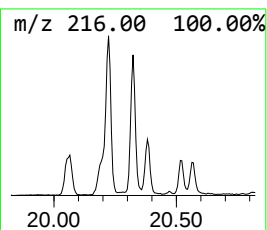
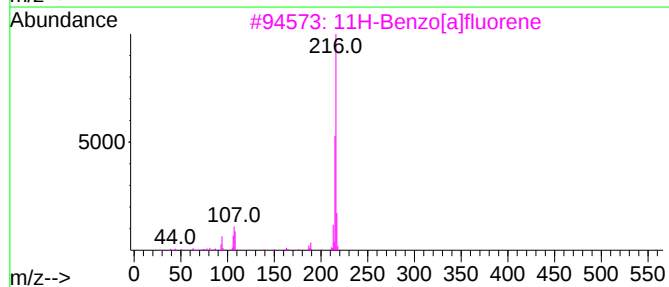
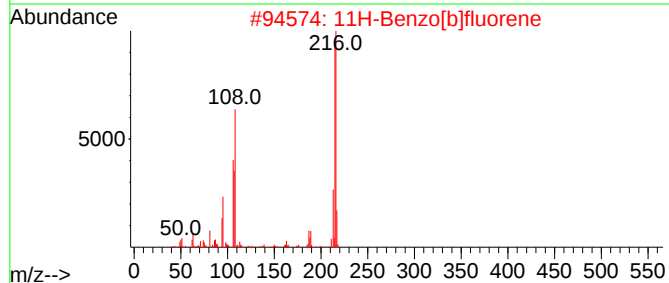
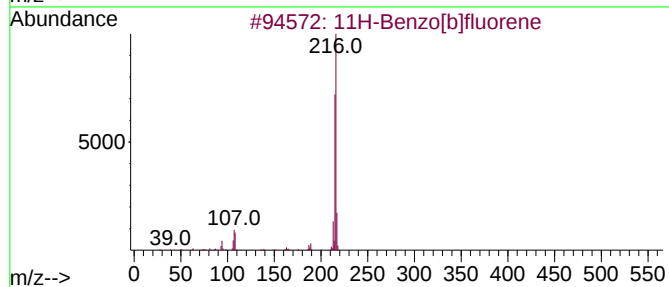
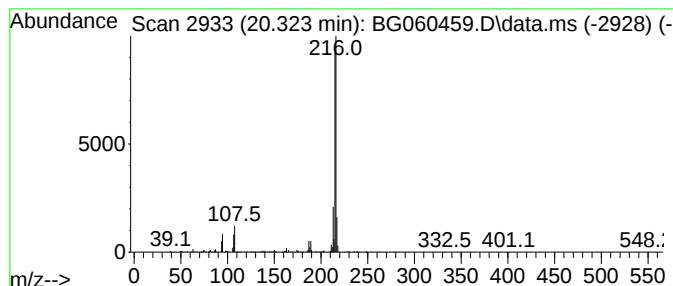
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.323 | 2.57 ng/ul | 986508 | Chrysene-d12     | 21.574 |

| Hit# | of                   | 5 | Tentative ID | MW     | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|--------|---------|-------------|------|
| 1    | 11H-Benzo[b]fluorene |   | 216          | C17H12 |         | 000243-17-4 | 91   |
| 2    | 11H-Benzo[b]fluorene |   | 216          | C17H12 |         | 000243-17-4 | 81   |
| 3    | 11H-Benzo[a]fluorene |   | 216          | C17H12 |         | 000238-84-6 | 76   |
| 4    | 11H-Benzo[a]fluorene |   | 216          | C17H12 |         | 000238-84-6 | 70   |
| 5    | 11H-Benzo[b]fluorene |   | 216          | C17H12 |         | 000243-17-4 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
Data File : BG060459.D  
Acq On : 29 Jan 2024 12:56  
Operator : MA/JU  
Sample : P1231-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6R9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.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 |
| 3-Buten-2-ol, 2... | 3.149  | 20.9    | ng/ul | 1068630  | 1                     | 7.926  | 1020970 | 20.0 |
| unknown-01         | 3.631  | 6.9     | ng/ul | 351164   | 1                     | 7.926  | 1020970 | 20.0 |
| unknown-02         | 3.842  | 3.0     | ng/ul | 155537   | 1                     | 7.926  | 1020970 | 20.0 |
| unknown-03         | 4.665  | 5.2     | ng/ul | 265148   | 1                     | 7.926  | 1020970 | 20.0 |
| Dodecanoic acid    | 14.982 | 3.4     | ng/ul | 471852   | 3                     | 14.565 | 2766840 | 20.0 |
| 4H-Cyclopenta[d... | 18.384 | 3.4     | ng/ul | 614025   | 4                     | 17.309 | 3591690 | 20.0 |
| 11H-Benzo[b]flu... | 20.223 | 3.2     | ng/ul | 1236990  | 5                     | 21.574 | 7671010 | 20.0 |
| 11H-Benzo[a]flu... | 20.323 | 2.6     | ng/ul | 986508   | 5                     | 21.574 | 7671010 | 20.0 |