

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057984.D  
 Acq On : 4 Jul 2023 11:56  
 Operator : CG/JU  
 Sample : 03247-10  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGL6

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-BG070123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG057984.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         | 3.118       | 3             | 5           | 23           | rVB      | 1691406        | 2032570       | 100.00%         | 8.869%        |
| 2         | 3.376       | 46            | 49          | 54           | rVB3     | 8064           | 10562         | 0.52%           | 0.046%        |
| 3         | 3.805       | 117           | 122         | 128          | rVB3     | 11457          | 18444         | 0.91%           | 0.080%        |
| 4         | 3.899       | 133           | 138         | 145          | rVV      | 27913          | 38517         | 1.89%           | 0.168%        |
| 5         | 4.023       | 155           | 159         | 166          | rVB2     | 15605          | 25153         | 1.24%           | 0.110%        |
| 6         | 4.346       | 209           | 214         | 218          | rVB      | 14343          | 18906         | 0.93%           | 0.082%        |
| 7         | 4.751       | 280           | 283         | 290          | rBV4     | 5353           | 8796          | 0.43%           | 0.038%        |
| 8         | 5.127       | 342           | 347         | 354          | rVB5     | 6237           | 11774         | 0.58%           | 0.051%        |
| 9         | 7.107       | 674           | 684         | 693          | rBV      | 149634         | 269543        | 13.26%          | 1.176%        |
| 10        | 7.266       | 704           | 711         | 719          | rBV      | 124237         | 205862        | 10.13%          | 0.898%        |
| 11        | 7.472       | 740           | 746         | 755          | rBV      | 151898         | 257086        | 12.65%          | 1.122%        |
| 12        | 7.554       | 755           | 760         | 765          | rBV3     | 5128           | 7490          | 0.37%           | 0.033%        |
| 13        | 7.942       | 817           | 826         | 833          | rBV      | 231769         | 381655        | 18.78%          | 1.665%        |
| 14        | 8.071       | 844           | 848         | 853          | rVB3     | 11532          | 16540         | 0.81%           | 0.072%        |
| 15        | 8.647       | 940           | 946         | 953          | rVB2     | 118359         | 201599        | 9.92%           | 0.880%        |
| 16        | 8.764       | 960           | 966         | 974          | rBV      | 19158          | 37976         | 1.87%           | 0.166%        |
| 17        | 9.099       | 1015          | 1023        | 1030         | rBV      | 149409         | 264746        | 13.03%          | 1.155%        |
| 18        | 9.164       | 1030          | 1034        | 1039         | rVB4     | 6745           | 11519         | 0.57%           | 0.050%        |
| 19        | 9.822       | 1138          | 1146        | 1153         | rBV      | 118319         | 213959        | 10.53%          | 0.934%        |
| 20        | 9.980       | 1169          | 1173        | 1180         | rBV      | 5638           | 10936         | 0.54%           | 0.048%        |
| 21        | 10.368      | 1232          | 1239        | 1250         | rBV      | 184123         | 332568        | 16.36%          | 1.451%        |
| 22        | 10.744      | 1292          | 1303        | 1310         | rBV      | 343101         | 627430        | 30.87%          | 2.738%        |
| 23        | 10.879      | 1319          | 1326        | 1335         | rVB      | 46167          | 90799         | 4.47%           | 0.396%        |
| 24        | 11.126      | 1363          | 1368        | 1372         | rBV3     | 12057          | 20843         | 1.03%           | 0.091%        |
| 25        | 11.208      | 1377          | 1382        | 1388         | rVB      | 7739           | 12570         | 0.62%           | 0.055%        |
| 26        | 11.532      | 1429          | 1437        | 1440         | rBV3     | 4968           | 9476          | 0.47%           | 0.041%        |
| 27        | 11.761      | 1470          | 1476        | 1481         | rVB2     | 8014           | 12866         | 0.63%           | 0.056%        |
| 28        | 12.154      | 1538          | 1543        | 1550         | rBV2     | 7062           | 9855          | 0.48%           | 0.043%        |
| 29        | 12.401      | 1577          | 1585        | 1591         | rVB2     | 9217           | 16468         | 0.81%           | 0.072%        |
| 30        | 12.618      | 1615          | 1622        | 1628         | rVB2     | 6826           | 11670         | 0.57%           | 0.051%        |
| 31        | 12.836      | 1655          | 1659        | 1665         | rBV5     | 3771           | 6910          | 0.34%           | 0.030%        |
| 32        | 13.106      | 1699          | 1705        | 1709         | rVV2     | 5213           | 7741          | 0.38%           | 0.034%        |
| 33        | 13.394      | 1749          | 1754        | 1759         | rVV2     | 10653          | 16414         | 0.81%           | 0.072%        |
| 34        | 13.459      | 1761          | 1765        | 1775         | rVV3     | 16029          | 29330         | 1.44%           | 0.128%        |
| 35        | 13.564      | 1775          | 1783        | 1788         | rVB      | 71543          | 99644         | 4.90%           | 0.435%        |
| 36        | 13.752      | 1805          | 1815        | 1822         | rBV4     | 3535           | 8309          | 0.41%           | 0.036%        |

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 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGL6

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-BG070123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 13.893 | 1834 | 1839 | 1845 | rBV2 | 8041   | 11320  | 0.56%  | 0.049% |
| 38 | 13.976 | 1845 | 1853 | 1861 | rVV  | 338262 | 486443 | 23.93% | 2.122% |
| 39 | 14.046 | 1861 | 1865 | 1869 | rVB2 | 10131  | 14104  | 0.69%  | 0.062% |
| 40 | 14.269 | 1897 | 1903 | 1912 | rVB  | 390601 | 609732 | 30.00% | 2.660% |
| 41 | 14.463 | 1930 | 1936 | 1940 | rVB  | 11871  | 15174  | 0.75%  | 0.066% |
| 42 | 14.575 | 1945 | 1955 | 1964 | rVV  | 551938 | 853119 | 41.97% | 3.722% |
| 43 | 14.775 | 1982 | 1989 | 1998 | rBV  | 105983 | 187443 | 9.22%  | 0.818% |
| 44 | 14.916 | 2008 | 2013 | 2017 | rVV3 | 11453  | 18755  | 0.92%  | 0.082% |
| 45 | 14.975 | 2019 | 2023 | 2030 | rVV4 | 12866  | 23841  | 1.17%  | 0.104% |
| 46 | 15.039 | 2030 | 2034 | 2039 | rVV4 | 3558   | 8201   | 0.40%  | 0.036% |
| 47 | 15.362 | 2082 | 2089 | 2092 | rBV3 | 7088   | 14544  | 0.72%  | 0.063% |
| 48 | 15.409 | 2092 | 2097 | 2104 | rVB  | 13513  | 18672  | 0.92%  | 0.081% |
| 49 | 15.562 | 2116 | 2123 | 2137 | rVV  | 500289 | 775056 | 38.13% | 3.382% |
| 50 | 15.680 | 2137 | 2143 | 2151 | rVB  | 109319 | 161728 | 7.96%  | 0.706% |
| 51 | 15.815 | 2159 | 2166 | 2174 | rVB7 | 8573   | 16986  | 0.84%  | 0.074% |
| 52 | 15.926 | 2174 | 2185 | 2190 | rBV  | 78106  | 121236 | 5.96%  | 0.529% |
| 53 | 16.056 | 2205 | 2207 | 2216 | rVV5 | 5401   | 9540   | 0.47%  | 0.042% |
| 54 | 16.296 | 2236 | 2248 | 2255 | rBV4 | 27020  | 62161  | 3.06%  | 0.271% |
| 55 | 16.420 | 2264 | 2269 | 2273 | rBV6 | 4296   | 8441   | 0.42%  | 0.037% |
| 56 | 16.708 | 2314 | 2318 | 2321 | rVV4 | 6615   | 9509   | 0.47%  | 0.041% |
| 57 | 16.849 | 2338 | 2342 | 2345 | rBV5 | 6945   | 10097  | 0.50%  | 0.044% |
| 58 | 17.060 | 2374 | 2378 | 2382 | rVV2 | 19178  | 27545  | 1.36%  | 0.120% |
| 59 | 17.107 | 2384 | 2386 | 2391 | rVB6 | 5543   | 8688   | 0.43%  | 0.038% |
| 60 | 17.201 | 2398 | 2402 | 2410 | rBV6 | 11047  | 17912  | 0.88%  | 0.078% |
| 61 | 17.266 | 2410 | 2413 | 2416 | rBV4 | 9165   | 12891  | 0.63%  | 0.056% |
| 62 | 17.319 | 2416 | 2422 | 2427 | rVV  | 654230 | 978621 | 48.15% | 4.270% |
| 63 | 17.360 | 2427 | 2429 | 2432 | rVV  | 31244  | 34658  | 1.71%  | 0.151% |
| 64 | 17.413 | 2432 | 2438 | 2445 | rVB  | 440515 | 682389 | 33.57% | 2.977% |
| 65 | 17.595 | 2465 | 2469 | 2472 | rBV4 | 3914   | 6872   | 0.34%  | 0.030% |
| 66 | 17.718 | 2486 | 2490 | 2495 | rVB6 | 4831   | 7344   | 0.36%  | 0.032% |
| 67 | 17.801 | 2500 | 2504 | 2507 | rBV  | 19415  | 22311  | 1.10%  | 0.097% |
| 68 | 17.936 | 2523 | 2527 | 2531 | rBV6 | 7950   | 11493  | 0.57%  | 0.050% |
| 69 | 17.977 | 2531 | 2534 | 2539 | rVB3 | 16538  | 18034  | 0.89%  | 0.079% |
| 70 | 18.083 | 2547 | 2552 | 2556 | rBV7 | 16638  | 29465  | 1.45%  | 0.129% |
| 71 | 18.141 | 2557 | 2562 | 2567 | rBV2 | 43080  | 64958  | 3.20%  | 0.283% |
| 72 | 18.200 | 2567 | 2572 | 2582 | rBV  | 431104 | 659948 | 32.47% | 2.880% |
| 73 | 18.382 | 2599 | 2603 | 2607 | rBV5 | 9907   | 19098  | 0.94%  | 0.083% |
| 74 | 18.494 | 2618 | 2622 | 2626 | rBV2 | 29489  | 41704  | 2.05%  | 0.182% |
| 75 | 18.541 | 2626 | 2630 | 2636 | rVV3 | 22076  | 37988  | 1.87%  | 0.166% |
| 76 | 18.694 | 2653 | 2656 | 2660 | rBV6 | 8886   | 11741  | 0.58%  | 0.051% |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGL6

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-BG070123.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 77  | 18.782 | 2668 | 2671 | 2675 | rVB5 | 8953   | 11573   | 0.57%  | 0.050% |
| 78  | 19.052 | 2715 | 2717 | 2721 | rVB5 | 9953   | 10224   | 0.50%  | 0.045% |
| 79  | 19.123 | 2724 | 2729 | 2733 | rVV3 | 29700  | 44212   | 2.18%  | 0.193% |
| 80  | 19.217 | 2740 | 2745 | 2747 | rBV5 | 16520  | 25428   | 1.25%  | 0.111% |
| 81  | 19.328 | 2760 | 2764 | 2766 | rBV2 | 37265  | 51032   | 2.51%  | 0.223% |
| 82  | 19.369 | 2766 | 2771 | 2776 | rVB  | 96653  | 179858  | 8.85%  | 0.785% |
| 83  | 19.469 | 2784 | 2788 | 2794 | rBV  | 96807  | 133433  | 6.56%  | 0.582% |
| 84  | 19.616 | 2810 | 2813 | 2817 | rBV5 | 13969  | 17125   | 0.84%  | 0.075% |
| 85  | 19.704 | 2822 | 2828 | 2840 | rVV  | 616870 | 1003493 | 49.37% | 4.379% |
| 86  | 19.857 | 2850 | 2854 | 2859 | rBV  | 76186  | 101669  | 5.00%  | 0.444% |
| 87  | 20.556 | 2969 | 2973 | 2977 | rBV6 | 23122  | 40196   | 1.98%  | 0.175% |
| 88  | 21.214 | 3081 | 3085 | 3095 | rBV  | 270167 | 410208  | 20.18% | 1.790% |
| 89  | 21.573 | 3139 | 3146 | 3151 | rBV  | 600460 | 1022946 | 50.33% | 4.463% |
| 90  | 22.348 | 3274 | 3278 | 3291 | rBV2 | 151377 | 454820  | 22.38% | 1.985% |
| 91  | 23.376 | 3447 | 3453 | 3461 | rVB  | 245335 | 488892  | 24.05% | 2.133% |
| 92  | 23.823 | 3522 | 3529 | 3534 | rBV  | 280460 | 569754  | 28.03% | 2.486% |
| 93  | 23.882 | 3534 | 3539 | 3556 | rVB3 | 254942 | 664894  | 32.71% | 2.901% |
| 94  | 24.522 | 3640 | 3648 | 3669 | rVB2 | 313839 | 989311  | 48.67% | 4.317% |
| 95  | 24.740 | 3676 | 3685 | 3697 | rBV  | 406055 | 1143919 | 56.28% | 4.991% |
| 96  | 25.262 | 3768 | 3774 | 3786 | rVB2 | 157346 | 411645  | 20.25% | 1.796% |
| 97  | 25.862 | 3868 | 3876 | 3887 | rVB  | 375082 | 1090741 | 53.66% | 4.759% |
| 98  | 25.991 | 3892 | 3898 | 3911 | rVB4 | 98633  | 341484  | 16.80% | 1.490% |
| 99  | 27.971 | 4226 | 4235 | 4248 | rVB3 | 266440 | 1026041 | 50.48% | 4.477% |
| 100 | 28.799 | 4366 | 4376 | 4401 | rVB4 | 221545 | 1199214 | 59.00% | 5.233% |

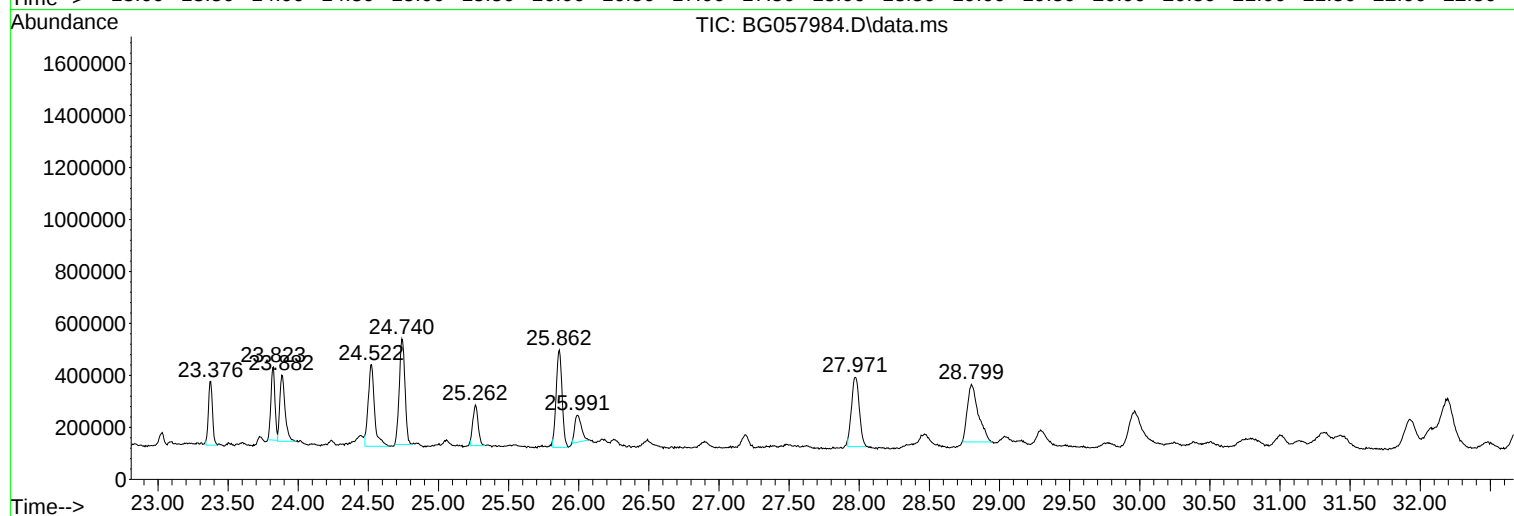
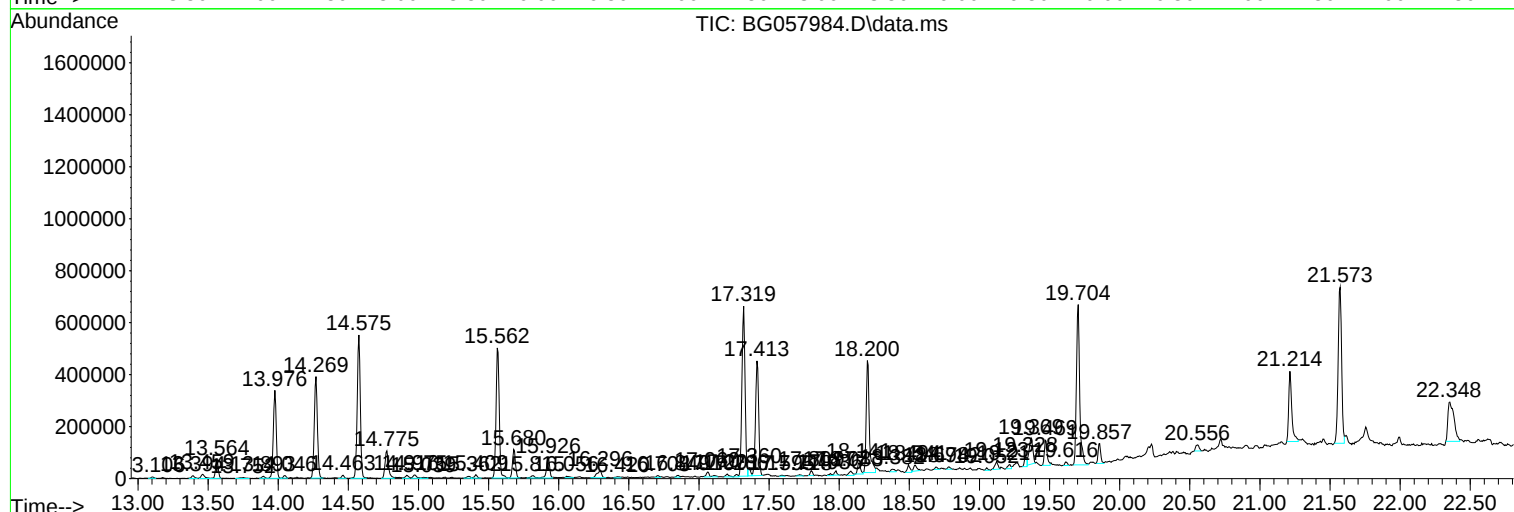
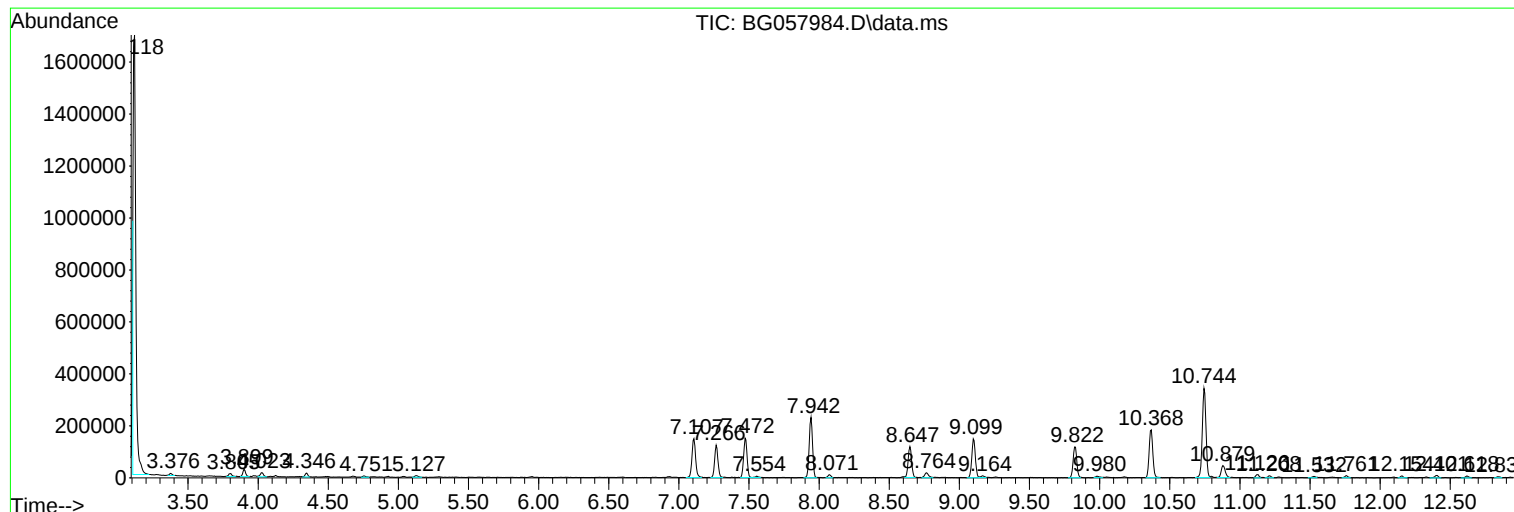
Sum of corrected areas: 22918400

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
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Instrument :  
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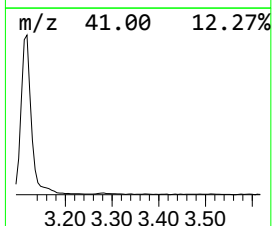
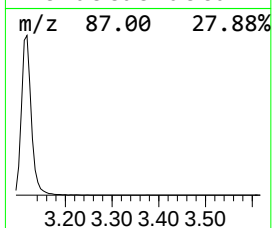
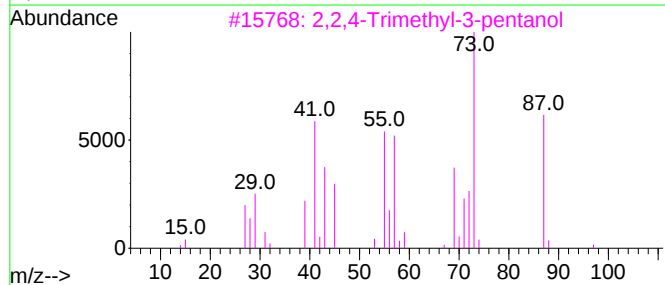
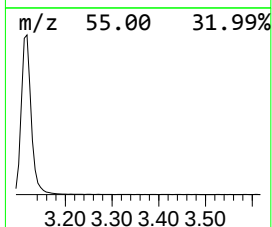
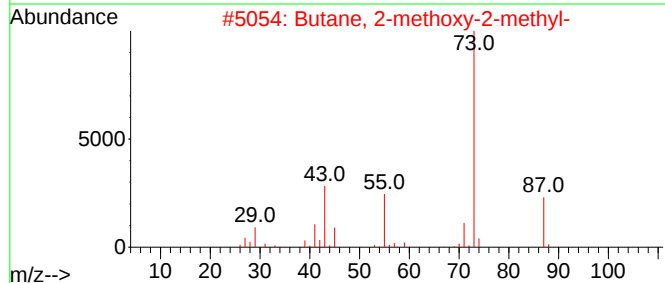
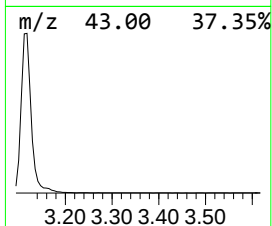
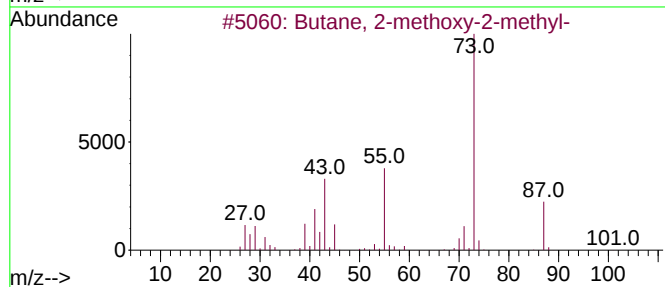
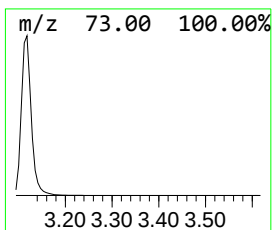
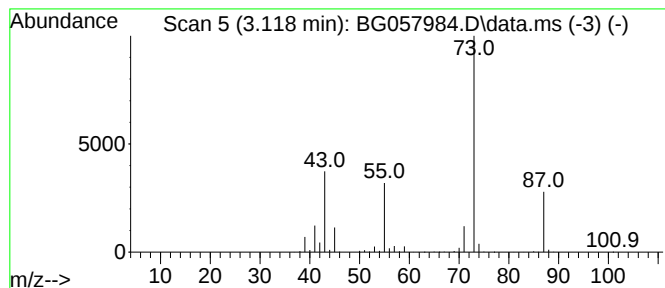
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 3.118 | 106.51 ng/ul | 2032570 | 1,4-Dichlorobenzene-d4 | 7.942 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 33   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 32   |



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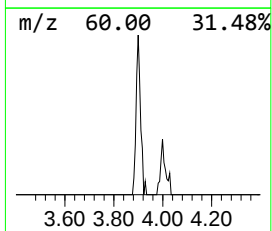
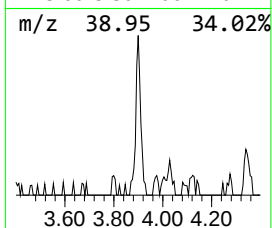
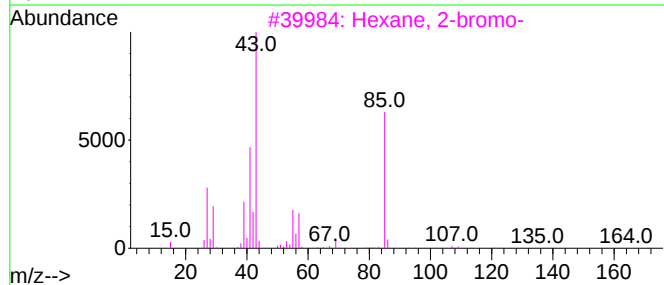
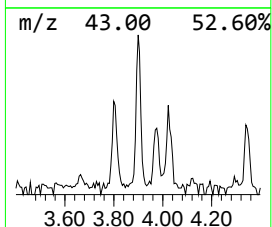
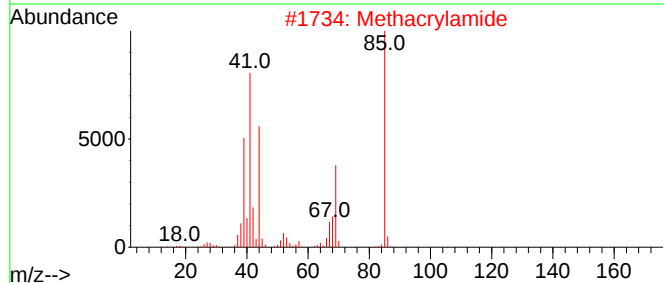
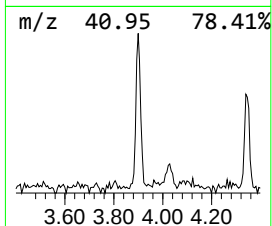
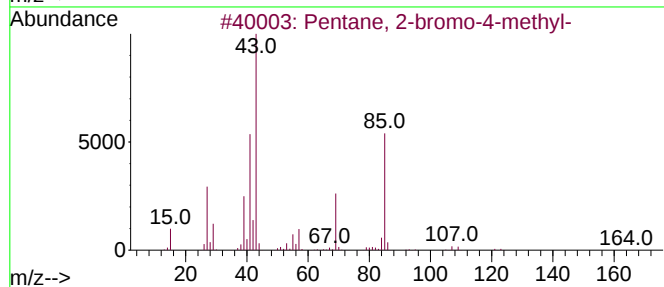
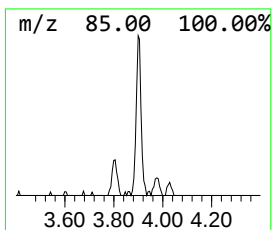
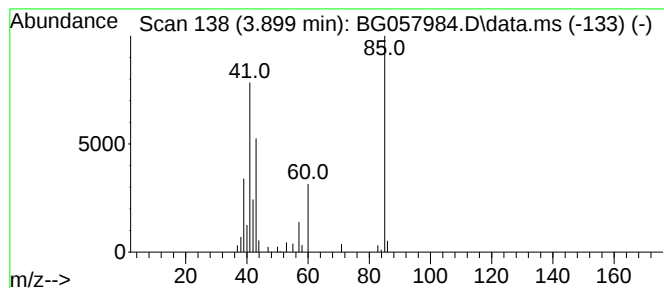
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown-01 Concentration Rank 16

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.899 | 2.02 ng/ul | 38517 | 1,4-Dichlorobenzene-d4 | 7.942 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2-bromo-4-methyl- | 164 | C6H13Br | 030310-22-6 | 39   |
| 2    |    |   | Methacrylamide             | 85  | C4H7NO  | 000079-39-0 | 38   |
| 3    |    |   | Hexane, 2-bromo-           | 164 | C6H13Br | 003377-86-4 | 36   |
| 4    |    |   | 2-Propyltetrahydropyran    | 128 | C8H16O  | 003857-17-8 | 33   |
| 5    |    |   | 2-Pyrrolidinone            | 85  | C4H7NO  | 000616-45-5 | 33   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

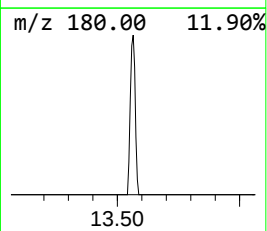
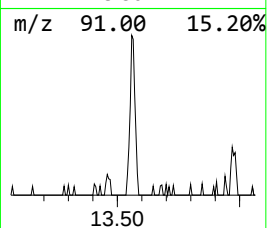
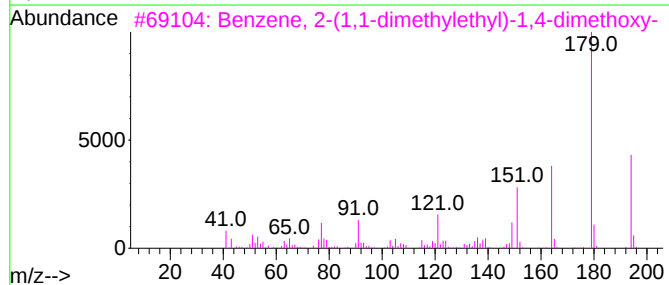
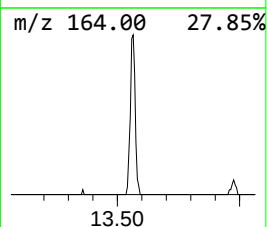
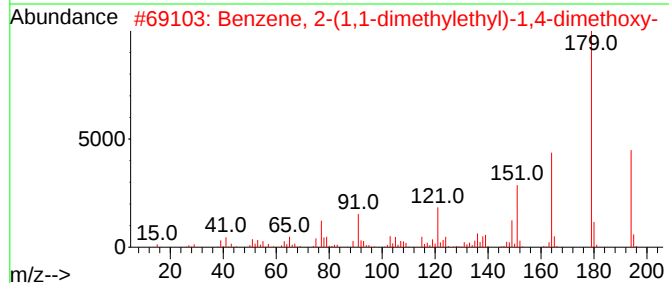
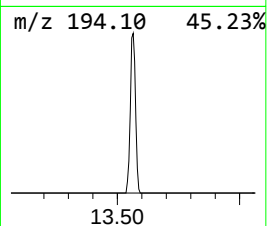
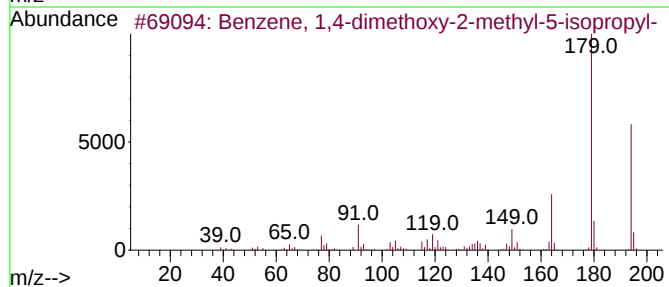
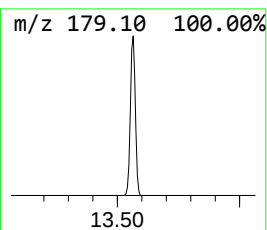
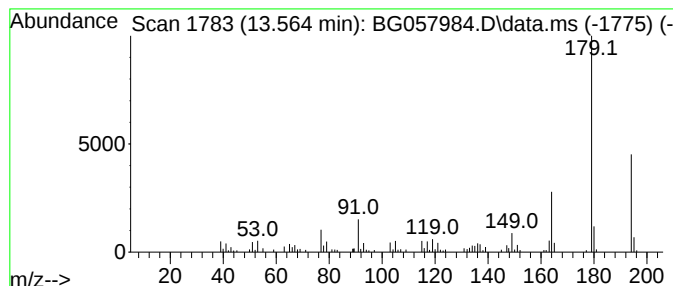
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Benzene, 1,4-dimethoxy-2-me... Concentration Rank 15

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 13.564 | 2.34 ng/ul | 99644 | Acenaphthene-d10 | 14.575 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzene, 1,4-dimethoxy-2-methyl-... | 194 | C12H18O2  | 014753-08-3 | 96   |
| 2    |    |   | Benzene, 2-(1,1-dimethylethyl)-1... | 194 | C12H18O2  | 021112-37-8 | 91   |
| 3    |    |   | Benzene, 2-(1,1-dimethylethyl)-1... | 194 | C12H18O2  | 021112-37-8 | 91   |
| 4    |    |   | 5-Acetoacenaphthylene               | 194 | C14H10O   | 068399-52-0 | 72   |
| 5    |    |   | 3,5-Dimethylphenol, TMS derivative  | 194 | C11H18OSi | 017994-05-7 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

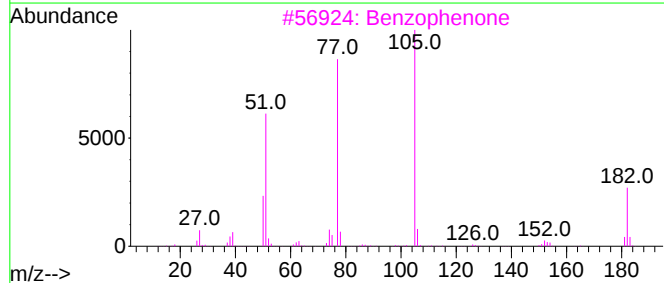
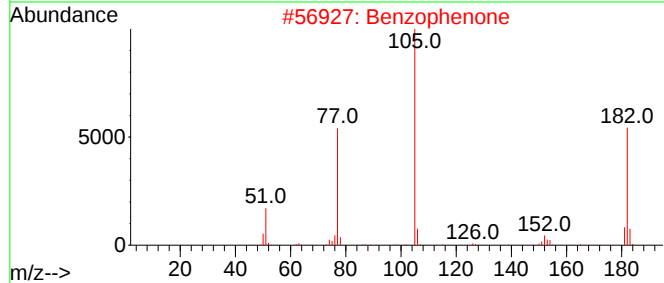
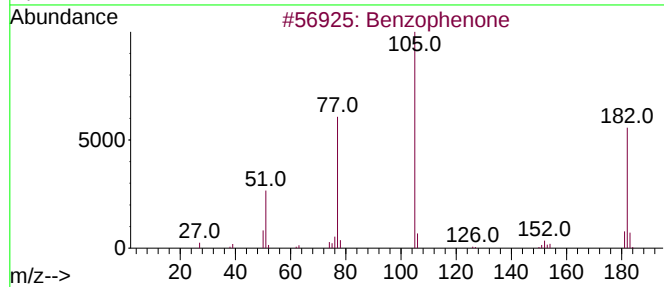
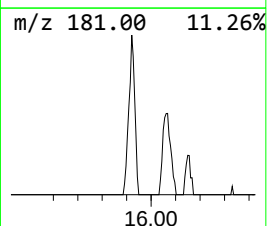
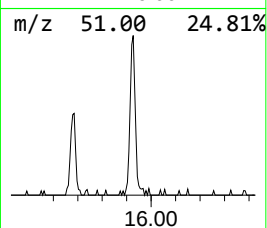
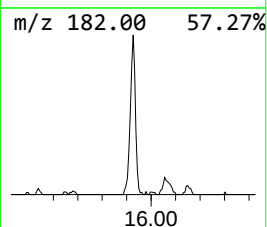
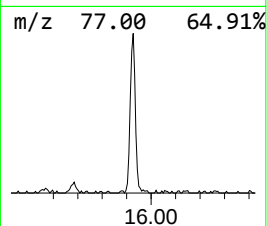
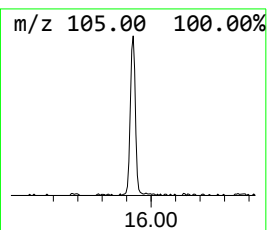
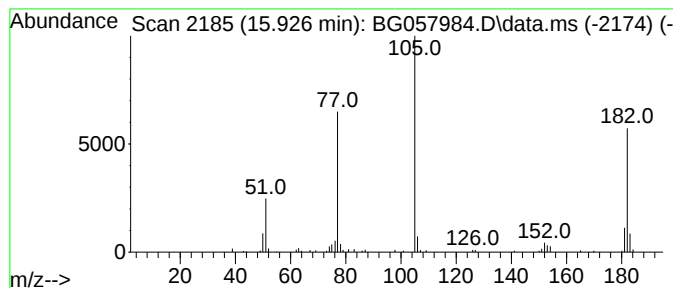
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Benzophenone Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.926 | 2.84 ng/ul | 121236 | Acenaphthene-d10 | 14.575 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

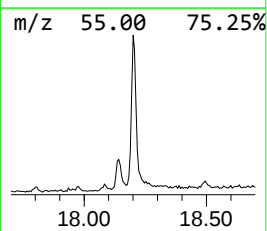
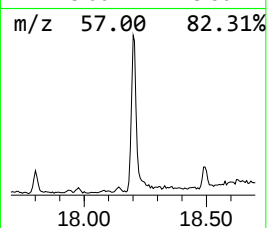
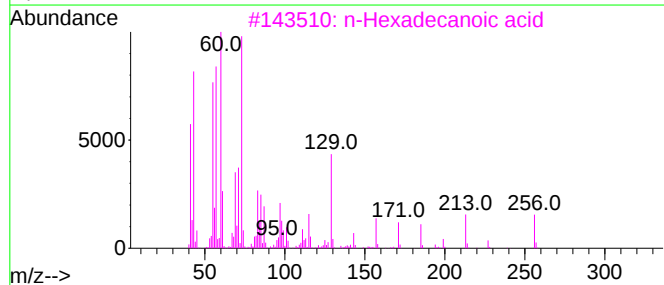
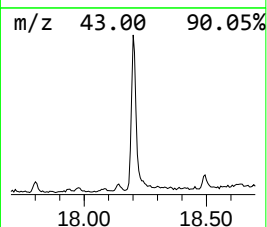
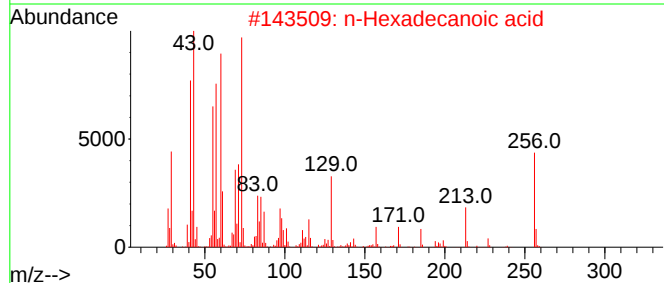
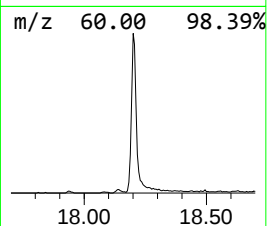
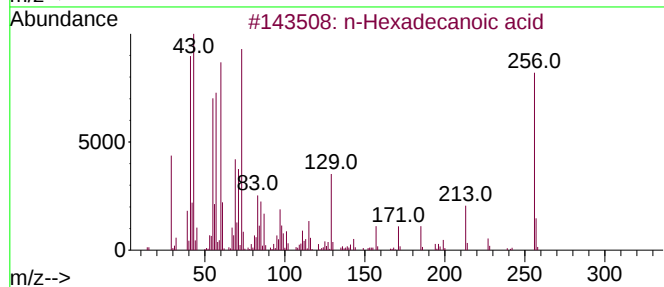
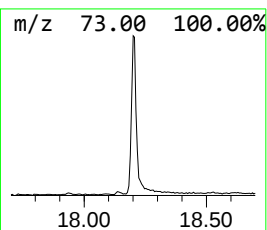
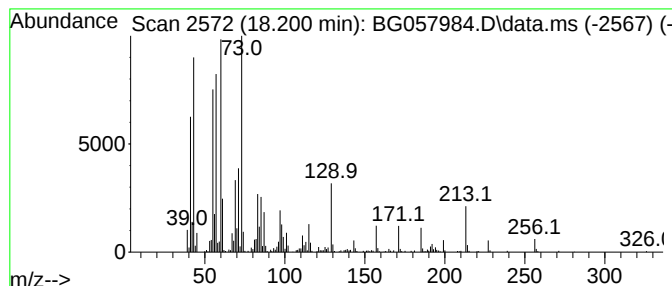
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 18.200    | 13.49 ng/ul         | 659948 | Phenanthrene-d10 | 17.319      |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 99   |
| 2         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 98   |
| 3         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 94   |
| 4         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 89   |
| 5         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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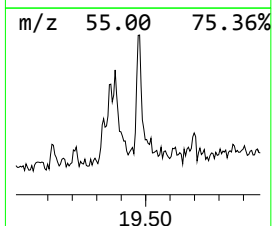
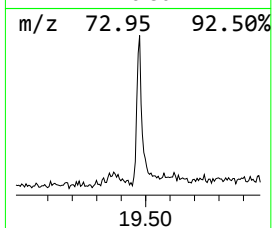
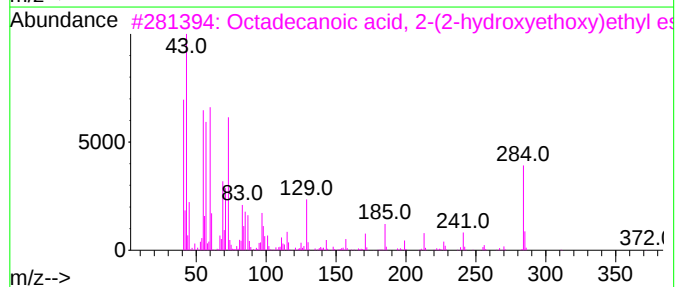
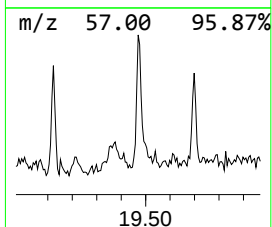
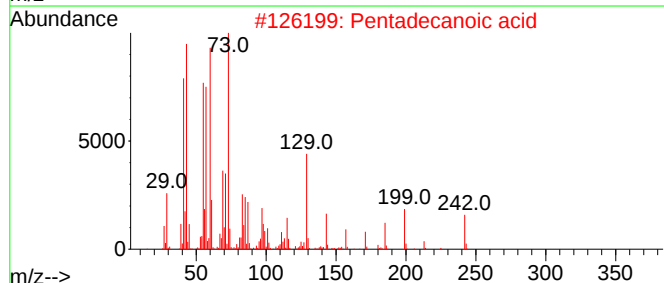
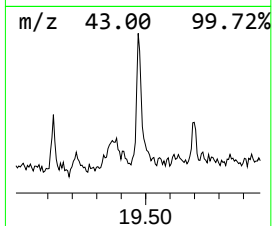
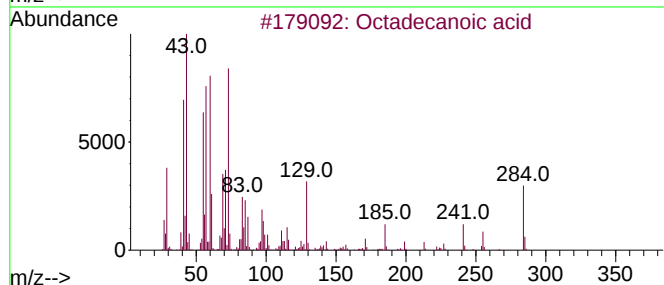
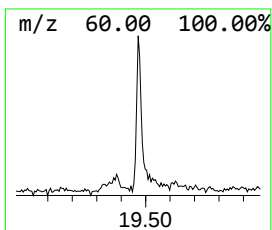
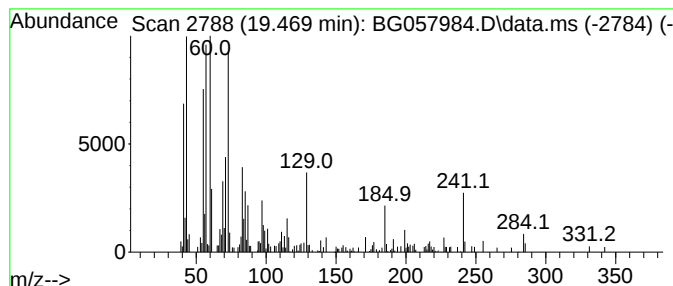
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Octadecanoic acid Concentration Rank 14

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.469 | 2.61 ng/ul | 133433 | Chrysene-d12     | 21.573 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 94   |
| 2    |    |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 3    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 91   |
| 4    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 91   |
| 5    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

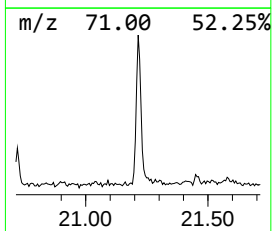
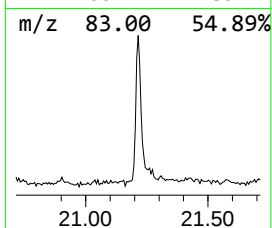
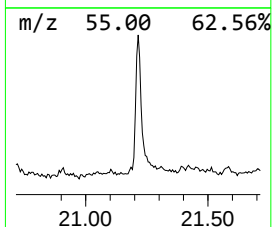
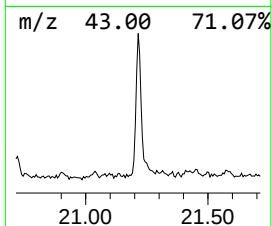
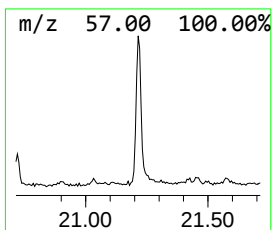
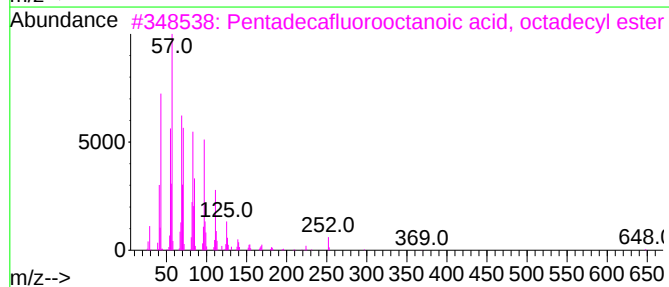
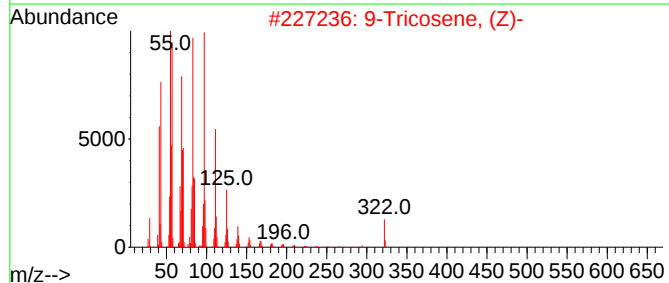
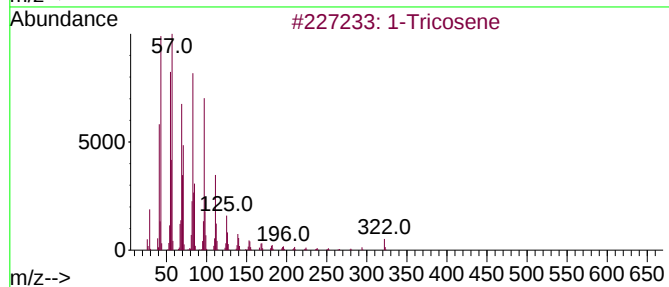
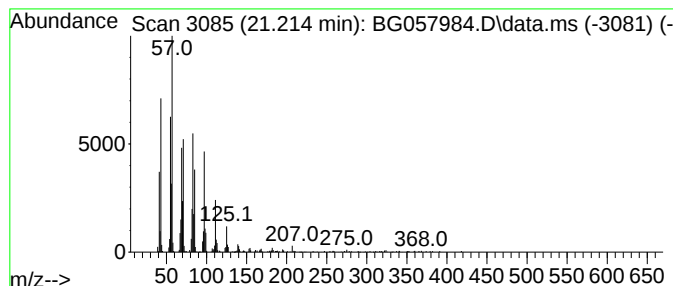
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.214    | 8.02 ng/ul                          | 410208 | Chrysene-d12     | 21.573       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Tricosene                         | 322    | C23H46           | 018835-32-0  | 96   |
| 2         | 9-Tricosene, (Z)-                   | 322    | C23H46           | 027519-02-4  | 94   |
| 3         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 93   |
| 4         | Tetracosyl trifluoroacetate         | 450    | C26H49F3O2       | 1000351-76-4 | 91   |
| 5         | Cyclopentadecane                    | 210    | C15H30           | 000295-48-7  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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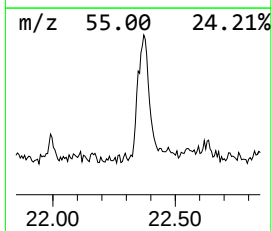
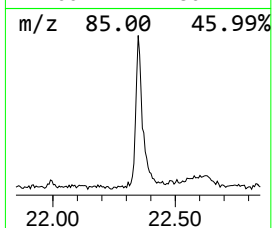
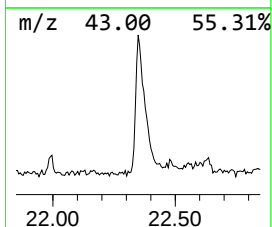
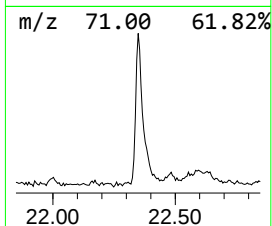
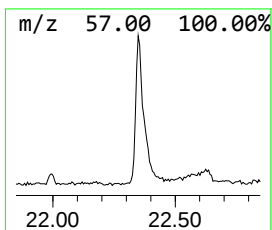
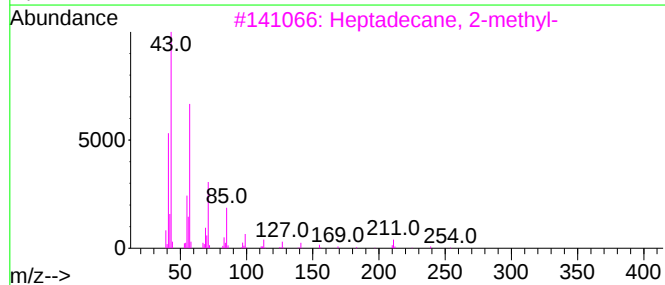
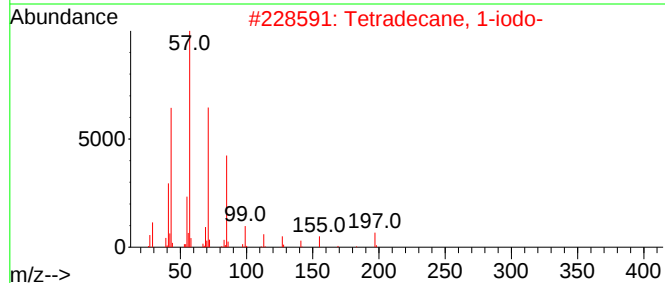
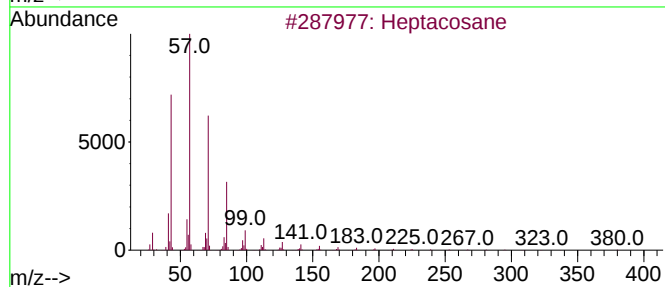
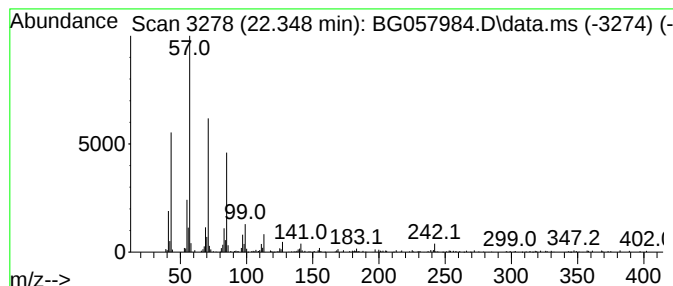
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.348 | 8.89 ng/ul | 454820 | Chrysene-d12     | 21.573 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptacosane            | 380 | C27H56  | 000593-49-7 | 90   |
| 2    |    |   | Tetradecane, 1-iodo-   | 324 | C14H29I | 019218-94-1 | 86   |
| 3    |    |   | Heptadecane, 2-methyl- | 254 | C18H38  | 001560-89-0 | 76   |
| 4    |    |   | Tridecane, 6-propyl-   | 226 | C16H34  | 055045-10-8 | 72   |
| 5    |    |   | Tridecane, 7-propyl-   | 226 | C16H34  | 055045-09-5 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

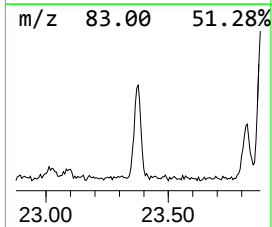
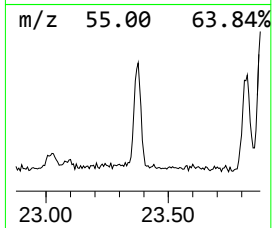
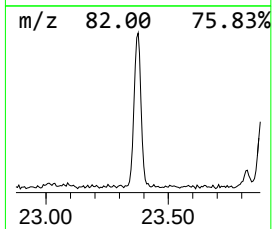
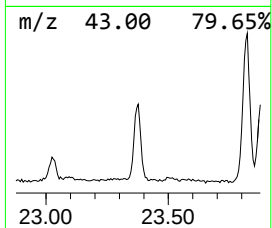
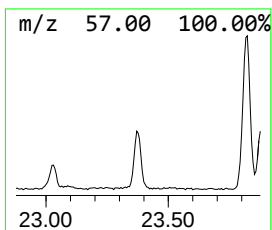
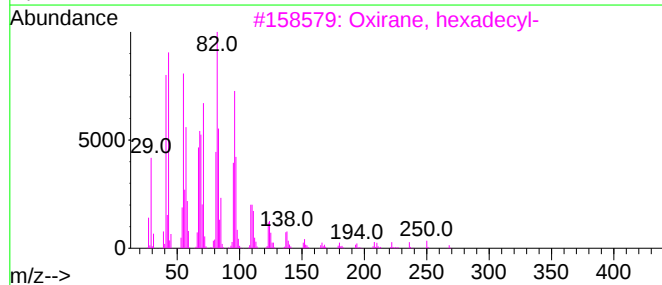
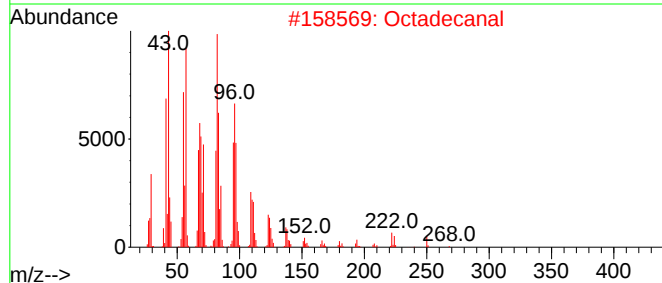
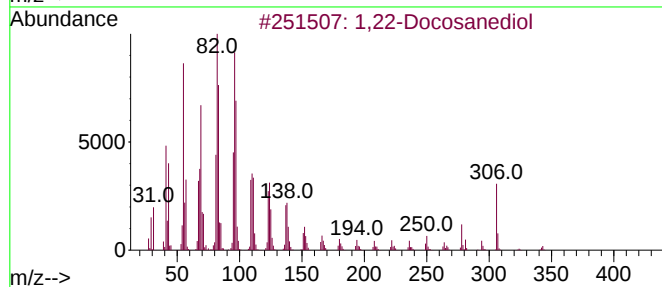
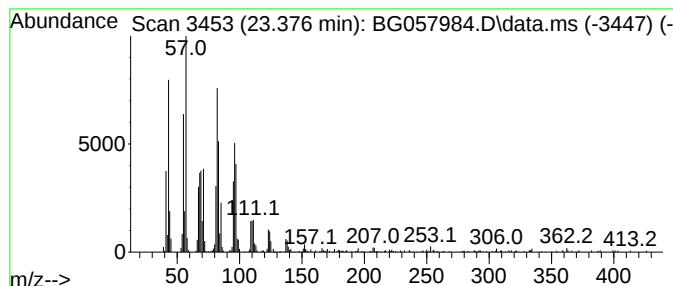
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 1,22-Docosanediol Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.376 | 8.55 ng/ul | 488892 | Perylene-d12     | 24.740 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | 1,22-Docosanediol   | 342 | C22H46O2 | 022513-81-1 | 95   |
| 2    |    |   | Octadecanal         | 268 | C18H36O  | 000638-66-4 | 94   |
| 3    |    |   | Oxirane, hexadecyl- | 268 | C18H36O  | 007390-81-0 | 91   |
| 4    |    |   | Tetracosanal        | 352 | C24H48O  | 057866-08-7 | 91   |
| 5    |    |   | Eicosanal-          | 296 | C20H40O  | 002400-66-0 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

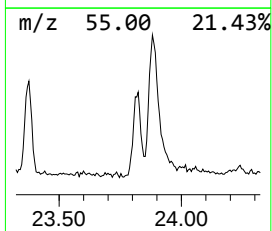
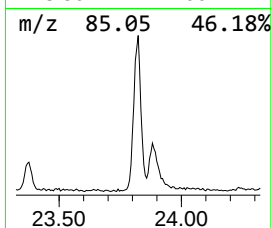
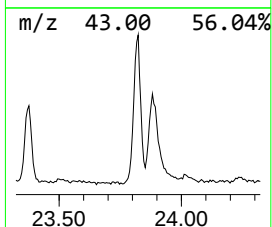
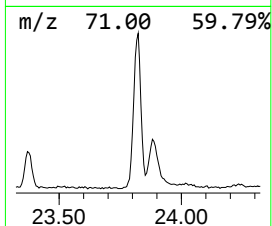
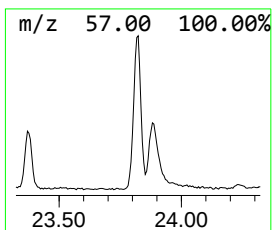
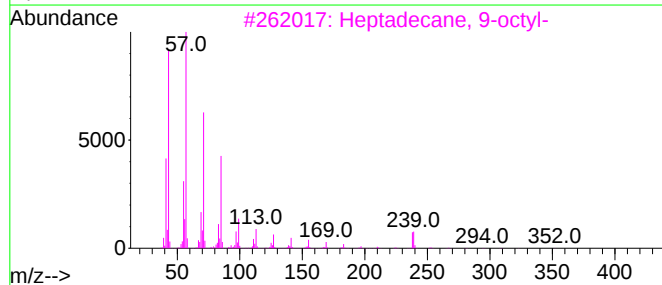
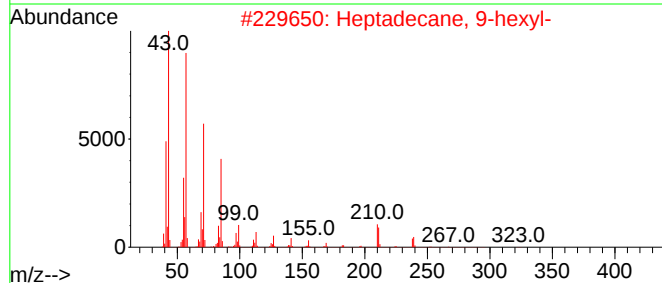
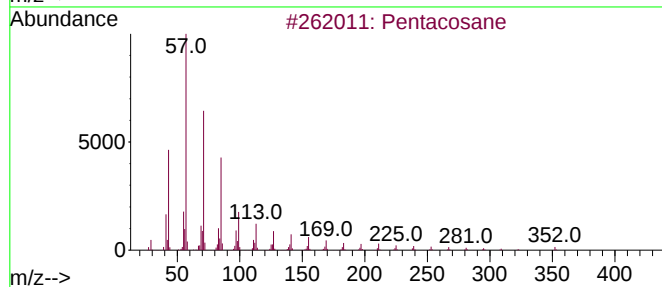
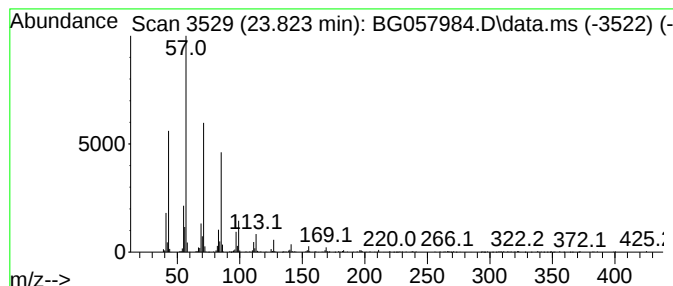
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.823 | 9.96 ng/ul | 569754 | Perylene-d12     | 24.740 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Pentacosane           | 352 | C25H52  | 000629-99-2 | 95   |
| 2    |      | Heptadecane, 9-hexyl- | 324 | C23H48  | 055124-79-3 | 94   |
| 3    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 90   |
| 4    |      | Eicosane, 7-hexyl-    | 366 | C26H54  | 055333-99-8 | 90   |
| 5    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

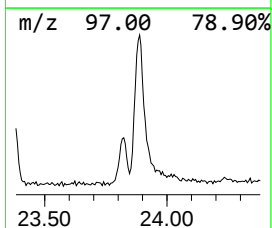
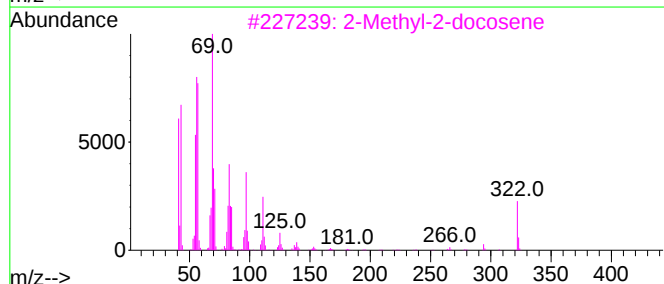
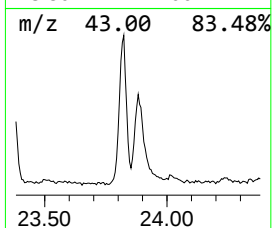
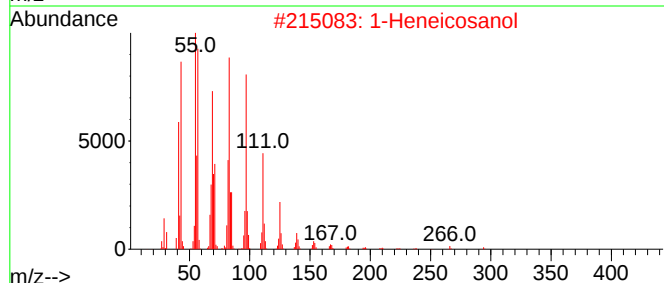
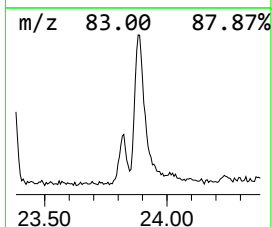
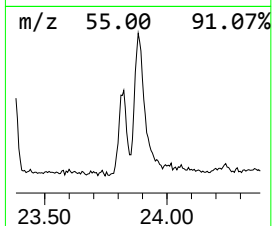
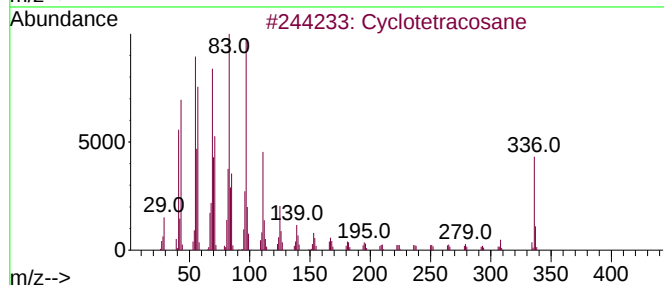
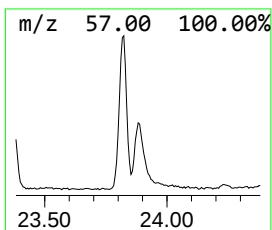
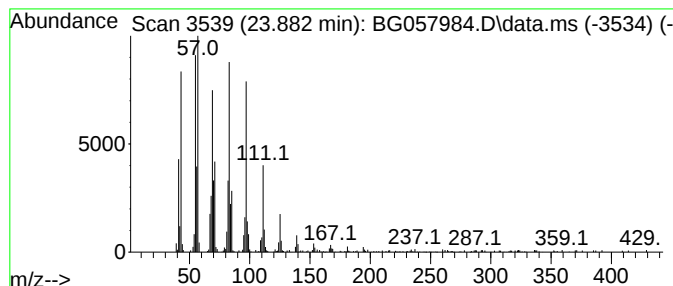
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 (DEL) Alkane: Cyclic23.882 Concentration Rank 6

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 23.882 | 11.62 ng/ul | 664894 | Perylene-d12     | 24.740 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|------|---------------------|-----|---------|--------------|------|
| 1    |      | Cyclotetracosane    | 336 | C24H48  | 000297-03-0  | 98   |
| 2    |      | 1-Heneicosanol      | 312 | C21H44O | 015594-90-8  | 95   |
| 3    |      | 2-Methyl-2-docosene | 322 | C23H46  | 1000131-16-9 | 94   |
| 4    |      | 1-Hexacosene        | 364 | C26H52  | 018835-33-1  | 94   |
| 5    |      | 1-Tricosene         | 322 | C23H46  | 018835-32-0  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

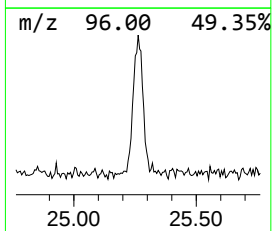
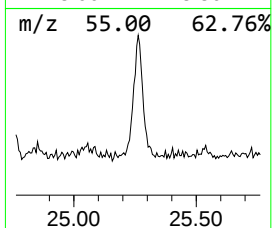
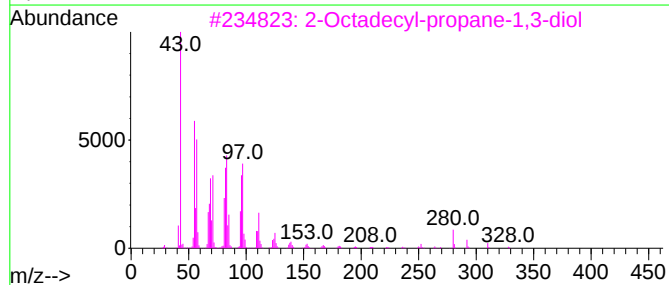
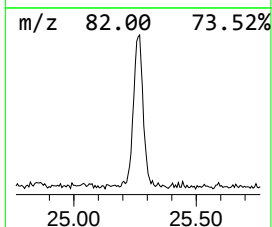
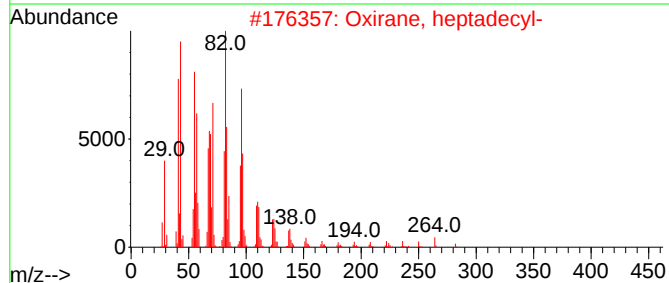
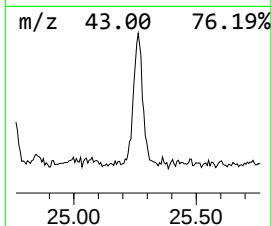
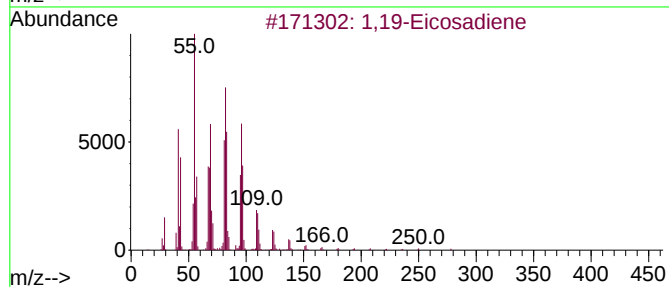
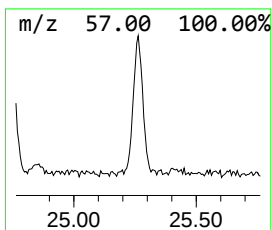
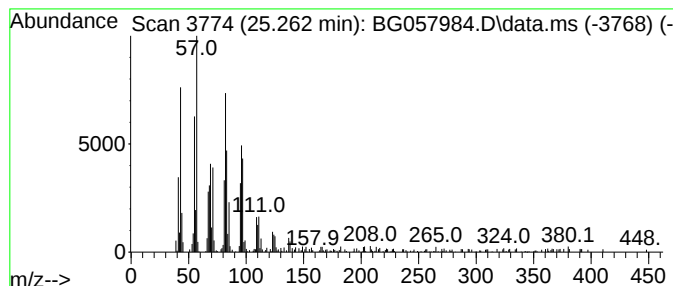
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 1,19-Eicosadiene Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 25.262 | 7.20 ng/ul | 411645 | Perylene-d12     | 24.740 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1,19-Eicosadiene             | 278 | C20H38   | 014811-95-1 | 90   |
| 2    |    |   | Oxirane, heptadecyl-         | 282 | C19H38O  | 067860-04-2 | 87   |
| 3    |    |   | 2-Octadecyl-propane-1,3-diol | 328 | C21H44O2 | 005337-61-1 | 86   |
| 4    |    |   | Eicosanal-                   | 296 | C20H40O  | 002400-66-0 | 83   |
| 5    |    |   | Octacosanal                  | 408 | C28H56O  | 022725-64-0 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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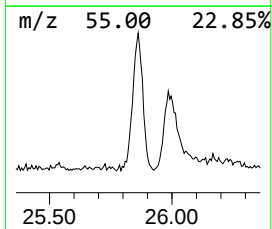
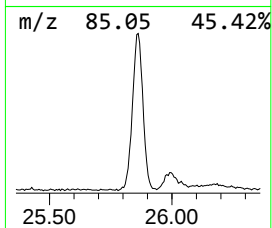
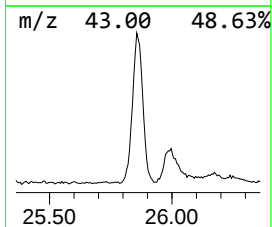
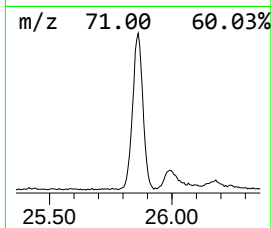
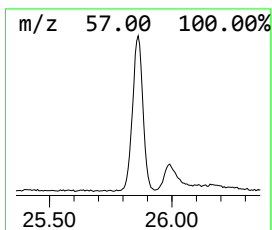
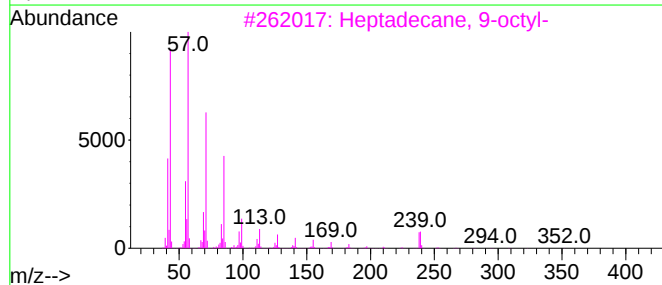
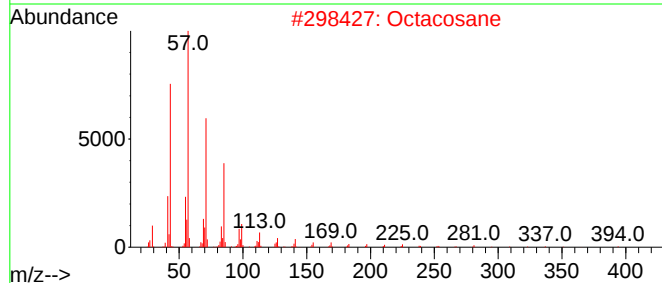
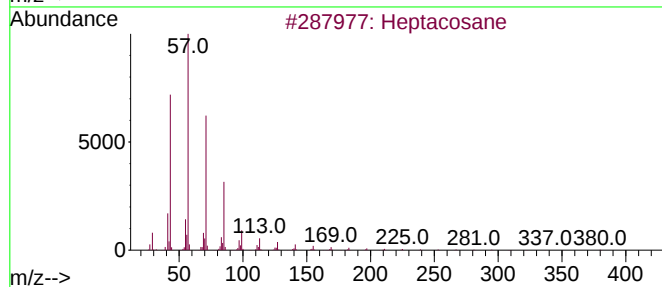
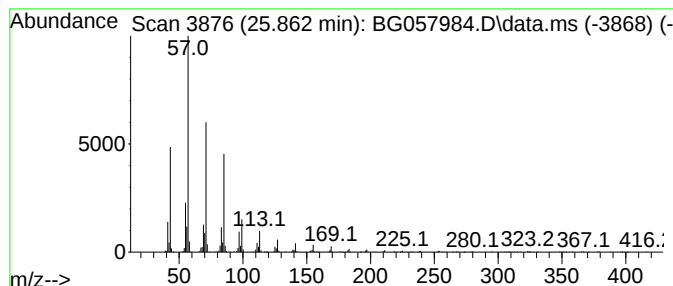
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 25.862 | 19.07 ng/ul | 1090740 | Perylene-d12     | 24.740 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------|-----|---------|--------------|------|
| 1    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7  | 91   |
| 2    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4  | 91   |
| 3    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 91   |
| 4    |    |   | Tetracosane, 1-iodo-  | 464 | C24H49I | 1000406-32-0 | 91   |
| 5    |    |   | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
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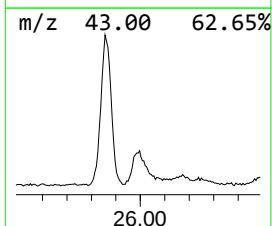
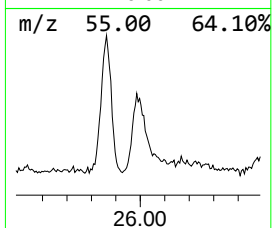
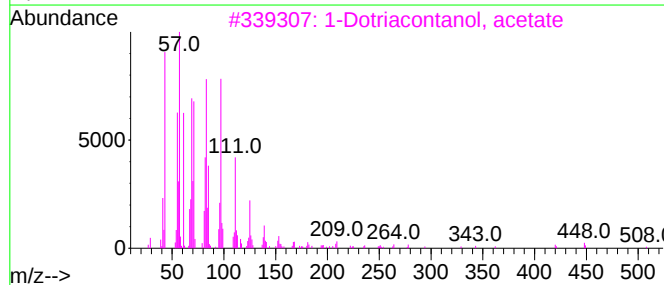
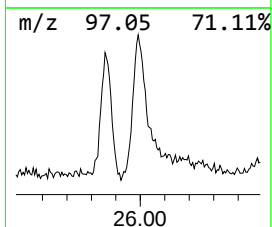
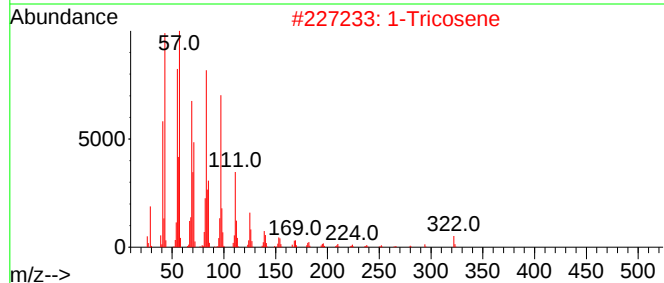
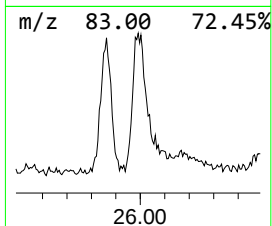
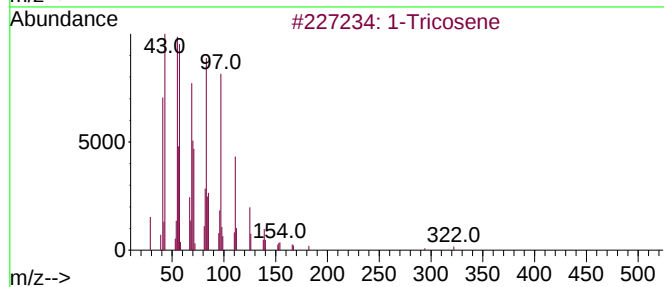
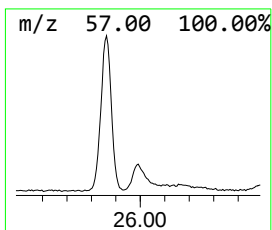
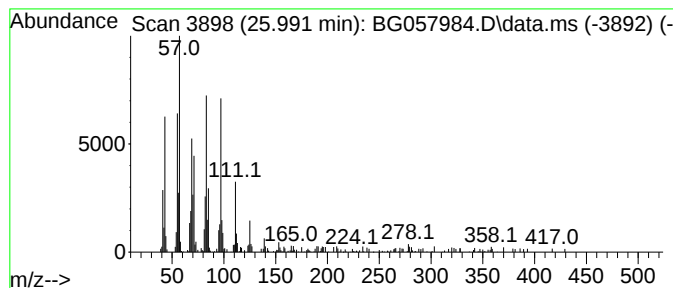
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 25.991 | 5.97 ng/ul | 341484 | Perylene-d12     | 24.740 |

| Hit# | of 5                          | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------|--------------|-----|------------|--------------|------|
| 1    | 1-Tricosene                   |              | 322 | C23H46     | 018835-32-0  | 98   |
| 2    | 1-Tricosene                   |              | 322 | C23H46     | 018835-32-0  | 90   |
| 3    | 1-Dotriacontanol, acetate     |              | 509 | C34H68O2   | 023811-94-1  | 90   |
| 4    | Eicosyl pentafluoropropionate |              | 444 | C23H41F5O2 | 1000351-80-8 | 90   |
| 5    | 1-Heptacosanol                |              | 396 | C27H56O    | 002004-39-9  | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

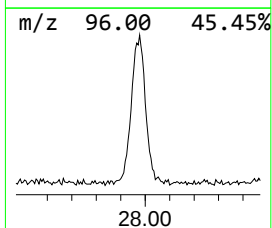
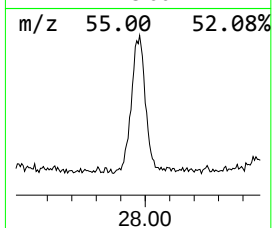
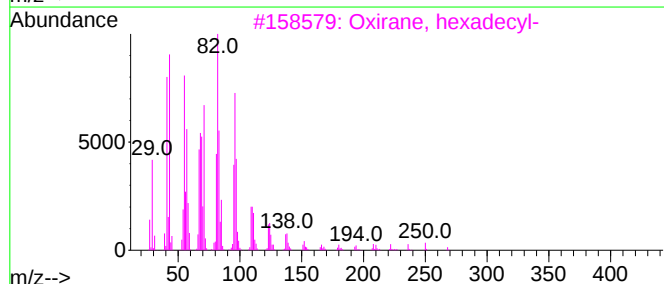
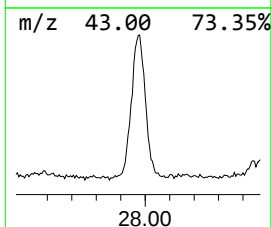
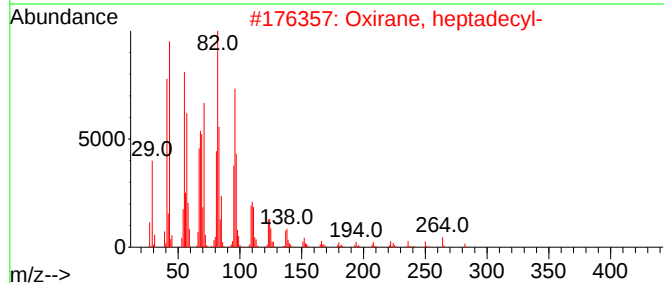
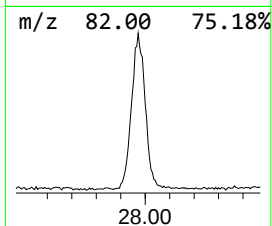
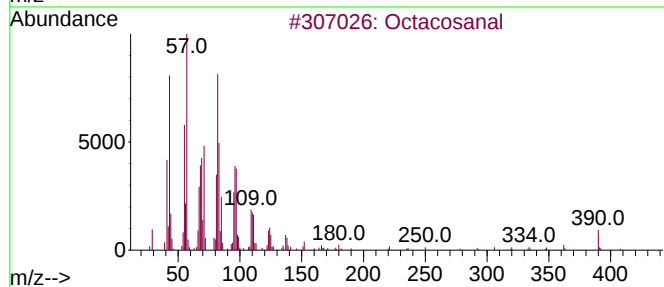
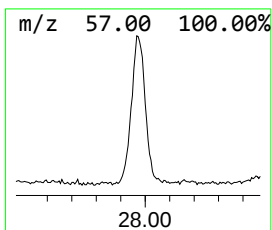
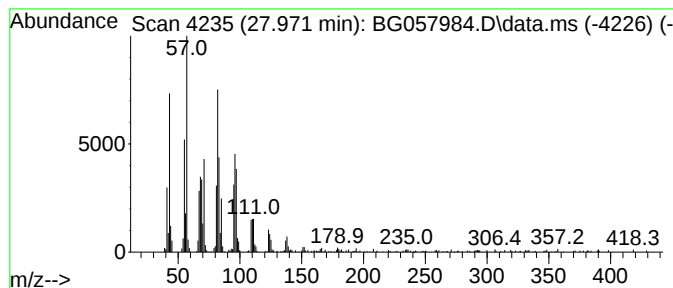
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 15 Octacosanal Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 27.971 | 17.94 ng/ul | 1026040 | Perylene-d12     | 24.740 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------|-----|---------|--------------|------|
| 1    |    |   | Octacosanal          | 408 | C28H56O | 022725-64-0  | 94   |
| 2    |    |   | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2  | 91   |
| 3    |    |   | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0  | 91   |
| 4    |    |   | Tetracosanal         | 352 | C24H48O | 057866-08-7  | 87   |
| 5    |    |   | 11-Eicosenol         | 296 | C20H40O | 1010424-20-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
Data File : BG057984.D  
Acq On : 4 Jul 2023 11:56  
Operator : CG/JU  
Sample : 03247-10  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DCGL6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
Quant Title : SVOA CALIBRATION

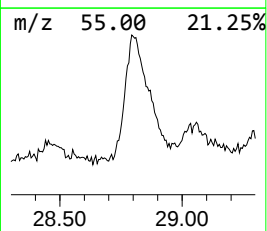
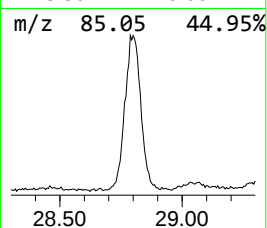
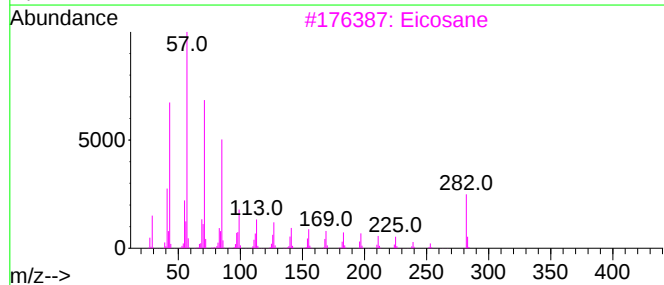
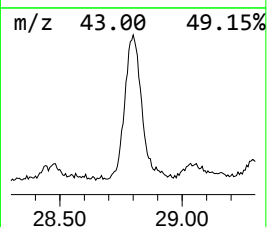
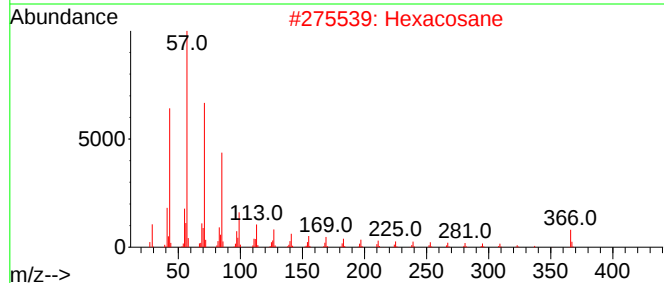
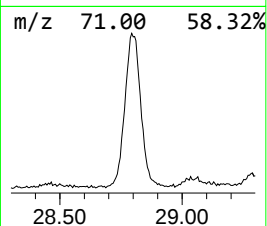
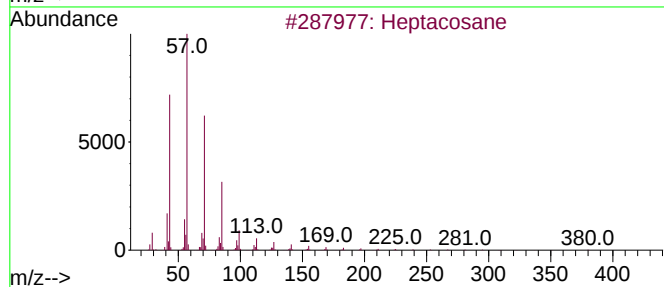
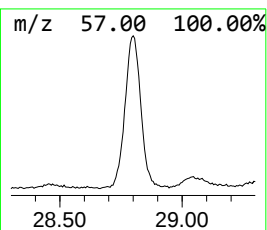
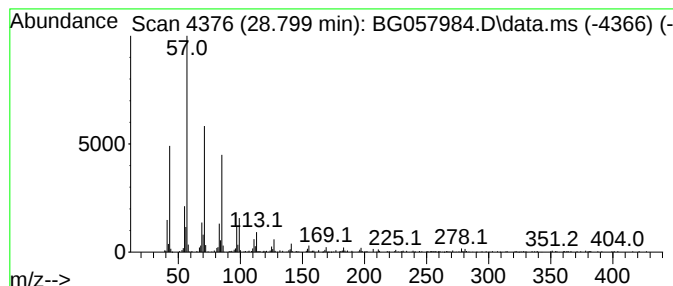
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 28.799 | 20.97 ng/ul | 1199210 | Perylene-d12     | 24.740 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Heptacosane            | 380 | C27H56  | 000593-49-7  | 95   |
| 2    |      | Hexacosane             | 366 | C26H54  | 000630-01-3  | 91   |
| 3    |      | Eicosane               | 282 | C20H42  | 000112-95-8  | 91   |
| 4    |      | Hexatriacontane        | 507 | C36H74  | 000630-06-8  | 91   |
| 5    |      | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057984.D  
 Acq On : 4 Jul 2023 11:56  
 Operator : CG/JU  
 Sample : 03247-10  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGL6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 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 |
| Butane, 2-metho... | 3.118  | 106.5   | ng/ul | 2032570  | 1                     | 7.942  | 381655  | 20.0 |
| unknown-01         | 3.899  | 2.0     | ng/ul | 38517    | 1                     | 7.942  | 381655  | 20.0 |
| Benzene, 1,4-di... | 13.564 | 2.3     | ng/ul | 99644    | 3                     | 14.575 | 853119  | 20.0 |
| Benzophenone       | 15.926 | 2.8     | ng/ul | 121236   | 3                     | 14.575 | 853119  | 20.0 |
| n-Hexadecanoic ... | 18.200 | 13.5    | ng/ul | 659948   | 4                     | 17.319 | 978621  | 20.0 |
| Octadecanoic acid  | 19.469 | 2.6     | ng/ul | 133433   | 5                     | 21.573 | 1022950 | 20.0 |
| (DEL) Alkane: S... | 21.214 | 8.0     | ng/ul | 410208   | 5                     | 21.573 | 1022950 | 20.0 |
| (DEL) Alkane: S... | 22.348 | 8.9     | ng/ul | 454820   | 5                     | 21.573 | 1022950 | 20.0 |
| 1,22-Docosanediol  | 23.376 | 8.6     | ng/ul | 488892   | 6                     | 24.740 | 1143920 | 20.0 |
| (DEL) Alkane: S... | 23.823 | 10.0    | ng/ul | 569754   | 6                     | 24.740 | 1143920 | 20.0 |
| (DEL) Alkane: C... | 23.882 | 11.6    | ng/ul | 664894   | 6                     | 24.740 | 1143920 | 20.0 |
| 1,19-Eicosadiene   | 25.262 | 7.2     | ng/ul | 411645   | 6                     | 24.740 | 1143920 | 20.0 |
| (DEL) Alkane: S... | 25.862 | 19.1    | ng/ul | 1090740  | 6                     | 24.740 | 1143920 | 20.0 |
| (DEL) Alkane: S... | 25.991 | 6.0     | ng/ul | 341484   | 6                     | 24.740 | 1143920 | 20.0 |
| Octacosanal        | 27.971 | 17.9    | ng/ul | 1026040  | 6                     | 24.740 | 1143920 | 20.0 |
| (DEL) Alkane: S... | 28.799 | 21.0    | ng/ul | 1199210  | 6                     | 24.740 | 1143920 | 20.0 |