

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
 Data File : BP016208.D  
 Acq On : 13 Jul 2023 14:57  
 Operator : MA/JU  
 Sample : 03385-01ME 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EX7X7ME

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\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP016208.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         | 3.722       | 86            | 91          | 106          | rBV3     | 126828         | 405226        | 1.92%           | 0.218%        |
| 2         | 3.834       | 106           | 110         | 115          | rVV      | 252646         | 367934        | 1.74%           | 0.198%        |
| 3         | 4.058       | 140           | 148         | 166          | rVV3     | 414305         | 1066889       | 5.04%           | 0.573%        |
| 4         | 4.240       | 173           | 179         | 183          | rBV3     | 286180         | 466858        | 2.21%           | 0.251%        |
| 5         | 4.293       | 183           | 188         | 206          | rVB      | 963800         | 1482553       | 7.01%           | 0.797%        |
| 6         | 4.446       | 208           | 214         | 229          | rVB      | 137620         | 271853        | 1.28%           | 0.146%        |
| 7         | 4.587       | 230           | 238         | 241          | rBV2     | 107177         | 212337        | 1.00%           | 0.114%        |
| 8         | 4.628       | 241           | 245         | 252          | rVV2     | 1089013        | 1807344       | 8.54%           | 0.971%        |
| 9         | 4.693       | 252           | 256         | 257          | rVV      | 396248         | 490807        | 2.32%           | 0.264%        |
| 10        | 4.717       | 257           | 260         | 269          | rVV      | 753213         | 1128205       | 5.33%           | 0.606%        |
| 11        | 5.128       | 322           | 330         | 349          | rVB      | 134841         | 326487        | 1.54%           | 0.175%        |
| 12        | 5.834       | 445           | 450         | 457          | rVV      | 444521         | 802788        | 3.79%           | 0.431%        |
| 13        | 6.246       | 517           | 520         | 531          | rVV2     | 148046         | 298630        | 1.41%           | 0.161%        |
| 14        | 6.340       | 531           | 536         | 548          | rVB      | 166206         | 351674        | 1.66%           | 0.189%        |
| 15        | 6.587       | 570           | 578         | 595          | rVV      | 573698         | 1291114       | 6.10%           | 0.694%        |
| 16        | 7.705       | 762           | 768         | 779          | rBV4     | 62449          | 217595        | 1.03%           | 0.117%        |
| 17        | 7.975       | 808           | 814         | 826          | rBV      | 285259         | 654863        | 3.10%           | 0.352%        |
| 18        | 8.187       | 841           | 850         | 855          | rBV2     | 185306         | 375600        | 1.78%           | 0.202%        |
| 19        | 8.275       | 859           | 865         | 880          | rVB      | 1136896        | 2212297       | 10.46%          | 1.189%        |
| 20        | 8.852       | 958           | 963         | 975          | rVV      | 142589         | 455941        | 2.16%           | 0.245%        |
| 21        | 9.299       | 1029          | 1039        | 1047         | rVV5     | 63539          | 212635        | 1.01%           | 0.114%        |
| 22        | 10.781      | 1285          | 1291        | 1294         | rBV      | 613792         | 1086191       | 5.13%           | 0.584%        |
| 23        | 10.828      | 1294          | 1299        | 1317         | rVV      | 3800009        | 7807730       | 36.91%          | 4.196%        |
| 24        | 10.969      | 1317          | 1323        | 1335         | rVB2     | 159489         | 375912        | 1.78%           | 0.202%        |
| 25        | 11.528      | 1411          | 1418        | 1424         | rVV2     | 120316         | 246641        | 1.17%           | 0.133%        |
| 26        | 12.446      | 1567          | 1574        | 1593         | rVV      | 1936716        | 4090341       | 19.33%          | 2.198%        |
| 27        | 12.663      | 1604          | 1611        | 1630         | rVV      | 1003298        | 2091312       | 9.89%           | 1.124%        |
| 28        | 13.463      | 1741          | 1747        | 1767         | rVV      | 640072         | 1212008       | 5.73%           | 0.651%        |
| 29        | 13.657      | 1775          | 1780        | 1792         | rVB      | 234111         | 452674        | 2.14%           | 0.243%        |
| 30        | 13.945      | 1821          | 1829        | 1834         | rBV      | 357702         | 715193        | 3.38%           | 0.384%        |
| 31        | 13.998      | 1834          | 1838        | 1843         | rVV      | 256949         | 442484        | 2.09%           | 0.238%        |
| 32        | 14.045      | 1843          | 1846        | 1855         | rVB      | 114163         | 204537        | 0.97%           | 0.110%        |
| 33        | 14.187      | 1864          | 1870        | 1880         | rBV      | 145900         | 356992        | 1.69%           | 0.192%        |
| 34        | 14.322      | 1885          | 1893        | 1895         | rVV2     | 125346         | 225595        | 1.07%           | 0.121%        |
| 35        | 14.345      | 1895          | 1897        | 1911         | rVV2     | 155687         | 252136        | 1.19%           | 0.136%        |
| 36        | 14.616      | 1930          | 1943        | 1948         | rBV2     | 1225158        | 2078537       | 9.82%           | 1.117%        |

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 14.681 | 1948 | 1954 | 1971 | rVV  | 3809713  | 6068269  | 28.68%  | 3.262%  |
| 38 | 14.822 | 1971 | 1978 | 1990 | rVV4 | 116901   | 371199   | 1.75%   | 0.200%  |
| 39 | 15.022 | 2006 | 2012 | 2022 | rVV  | 2512000  | 4260654  | 20.14%  | 2.290%  |
| 40 | 15.104 | 2022 | 2026 | 2031 | rVV  | 109100   | 213709   | 1.01%   | 0.115%  |
| 41 | 15.616 | 2107 | 2113 | 2117 | rVV2 | 203298   | 314244   | 1.49%   | 0.169%  |
| 42 | 15.675 | 2117 | 2123 | 2136 | rVV  | 3448396  | 5646999  | 26.69%  | 3.035%  |
| 43 | 15.798 | 2136 | 2144 | 2147 | rVV  | 185443   | 472547   | 2.23%   | 0.254%  |
| 44 | 15.834 | 2147 | 2150 | 2156 | rVV  | 402753   | 646729   | 3.06%   | 0.348%  |
| 45 | 15.934 | 2162 | 2167 | 2171 | rVV2 | 217254   | 371411   | 1.76%   | 0.200%  |
| 46 | 15.981 | 2171 | 2175 | 2184 | rVB  | 443933   | 691011   | 3.27%   | 0.371%  |
| 47 | 16.128 | 2195 | 2200 | 2212 | rBV  | 441686   | 1090607  | 5.16%   | 0.586%  |
| 48 | 16.475 | 2255 | 2259 | 2267 | rVB2 | 161521   | 230830   | 1.09%   | 0.124%  |
| 49 | 16.687 | 2288 | 2295 | 2300 | rVV2 | 293798   | 523952   | 2.48%   | 0.282%  |
| 50 | 16.910 | 2324 | 2333 | 2336 | rBV2 | 132207   | 267247   | 1.26%   | 0.144%  |
| 51 | 16.951 | 2336 | 2340 | 2343 | rVV2 | 134022   | 197440   | 0.93%   | 0.106%  |
| 52 | 17.104 | 2361 | 2366 | 2377 | rBV4 | 145215   | 372274   | 1.76%   | 0.200%  |
| 53 | 17.204 | 2377 | 2383 | 2394 | rVB  | 1025415  | 1505243  | 7.11%   | 0.809%  |
| 54 | 17.381 | 2407 | 2413 | 2416 | rBV  | 1659970  | 2492444  | 11.78%  | 1.340%  |
| 55 | 17.428 | 2416 | 2421 | 2428 | rVV  | 13644978 | 21156146 | 100.00% | 11.371% |
| 56 | 17.486 | 2428 | 2431 | 2433 | rVV  | 195889   | 288393   | 1.36%   | 0.155%  |
| 57 | 17.528 | 2433 | 2438 | 2449 | rVV  | 3020716  | 5096064  | 24.09%  | 2.739%  |
| 58 | 17.622 | 2450 | 2454 | 2461 | rVV  | 177598   | 324877   | 1.54%   | 0.175%  |
| 59 | 17.810 | 2478 | 2486 | 2497 | rBV  | 1162334  | 2083488  | 9.85%   | 1.120%  |
| 60 | 17.892 | 2497 | 2500 | 2504 | rVB  | 165187   | 204667   | 0.97%   | 0.110%  |
| 61 | 18.245 | 2555 | 2560 | 2565 | rBV  | 899586   | 1310227  | 6.19%   | 0.704%  |
| 62 | 18.304 | 2565 | 2570 | 2579 | rVV  | 1015543  | 1718101  | 8.12%   | 0.923%  |
| 63 | 18.392 | 2579 | 2585 | 2588 | rVV  | 327937   | 486537   | 2.30%   | 0.261%  |
| 64 | 18.439 | 2588 | 2593 | 2597 | rVV  | 2052860  | 3050381  | 14.42%  | 1.639%  |
| 65 | 18.481 | 2597 | 2600 | 2608 | rVV  | 496186   | 752319   | 3.56%   | 0.404%  |
| 66 | 18.733 | 2638 | 2643 | 2650 | rVV  | 771810   | 1076283  | 5.09%   | 0.578%  |
| 67 | 18.816 | 2653 | 2657 | 2660 | rVV2 | 143836   | 219079   | 1.04%   | 0.118%  |
| 68 | 18.969 | 2679 | 2683 | 2687 | rBV  | 163650   | 212922   | 1.01%   | 0.114%  |
| 69 | 19.128 | 2705 | 2710 | 2715 | rBV  | 247253   | 406503   | 1.92%   | 0.218%  |
| 70 | 19.198 | 2715 | 2722 | 2724 | rBV2 | 135982   | 232354   | 1.10%   | 0.125%  |
| 71 | 19.263 | 2729 | 2733 | 2735 | rBV2 | 121585   | 200690   | 0.95%   | 0.108%  |
| 72 | 19.392 | 2749 | 2755 | 2762 | rBV  | 11988205 | 16954923 | 80.14%  | 9.113%  |
| 73 | 19.628 | 2789 | 2795 | 2805 | rBV2 | 333596   | 770938   | 3.64%   | 0.414%  |
| 74 | 19.745 | 2805 | 2815 | 2823 | rVV2 | 8252372  | 15068281 | 71.22%  | 8.099%  |
| 75 | 19.822 | 2823 | 2828 | 2833 | rVB  | 366832   | 509272   | 2.41%   | 0.274%  |
| 76 | 19.928 | 2842 | 2846 | 2851 | rBV  | 575541   | 711719   | 3.36%   | 0.383%  |

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 Sample : 03385-01ME 5X  
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 ALS Vial : 10 Sample Multiplier: 1

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 BNA\_P  
 ClientSampleId :  
 EX7X7ME

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\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |          |        |        |
|-----|--------|------|------|------|------|---------|----------|--------|--------|
| 77  | 20.063 | 2860 | 2869 | 2878 | rBV3 | 486116  | 1247947  | 5.90%  | 0.671% |
| 78  | 20.198 | 2885 | 2892 | 2893 | rVV3 | 295114  | 486967   | 2.30%  | 0.262% |
| 79  | 20.228 | 2893 | 2897 | 2905 | rVB  | 1609732 | 2299384  | 10.87% | 1.236% |
| 80  | 20.328 | 2907 | 2914 | 2918 | rVV  | 1835030 | 2526378  | 11.94% | 1.358% |
| 81  | 20.386 | 2918 | 2924 | 2933 | rVV3 | 591832  | 1582126  | 7.48%  | 0.850% |
| 82  | 20.463 | 2934 | 2937 | 2941 | rVV3 | 167958  | 243394   | 1.15%  | 0.131% |
| 83  | 20.522 | 2944 | 2947 | 2951 | rVV  | 268493  | 396227   | 1.87%  | 0.213% |
| 84  | 20.569 | 2951 | 2955 | 2967 | rVB4 | 294434  | 775447   | 3.67%  | 0.417% |
| 85  | 21.127 | 3046 | 3050 | 3052 | rBV  | 586080  | 746759   | 3.53%  | 0.401% |
| 86  | 21.157 | 3052 | 3055 | 3059 | rVV  | 682008  | 905686   | 4.28%  | 0.487% |
| 87  | 21.204 | 3059 | 3063 | 3074 | rVB3 | 635687  | 1438870  | 6.80%  | 0.773% |
| 88  | 21.339 | 3083 | 3086 | 3088 | rBV  | 317158  | 392622   | 1.86%  | 0.211% |
| 89  | 21.457 | 3099 | 3106 | 3112 | rBV2 | 5188753 | 10933054 | 51.68% | 5.876% |
| 90  | 21.516 | 3112 | 3116 | 3125 | rVB  | 3444254 | 5473885  | 25.87% | 2.942% |
| 91  | 21.639 | 3133 | 3137 | 3143 | rVB  | 893929  | 1228326  | 5.81%  | 0.660% |
| 92  | 22.074 | 3208 | 3211 | 3216 | rVB2 | 454216  | 600214   | 2.84%  | 0.323% |
| 93  | 22.251 | 3238 | 3241 | 3244 | rVB  | 231185  | 295619   | 1.40%  | 0.159% |
| 94  | 22.292 | 3244 | 3248 | 3251 | rBV2 | 295335  | 477959   | 2.26%  | 0.257% |
| 95  | 23.204 | 3396 | 3403 | 3409 | rBV  | 2977483 | 7293455  | 34.47% | 3.920% |
| 96  | 23.404 | 3433 | 3437 | 3447 | rVB  | 417522  | 704869   | 3.33%  | 0.379% |
| 97  | 23.745 | 3490 | 3495 | 3502 | rBV  | 813260  | 1544827  | 7.30%  | 0.830% |
| 98  | 23.863 | 3509 | 3515 | 3526 | rVB  | 1373002 | 3241733  | 15.32% | 1.742% |
| 99  | 23.968 | 3527 | 3533 | 3540 | rBV  | 1324716 | 2795532  | 13.21% | 1.503% |
| 100 | 26.615 | 3975 | 3983 | 3998 | rVB  | 1008900 | 3316925  | 15.68% | 1.783% |

Sum of corrected areas: 186057091

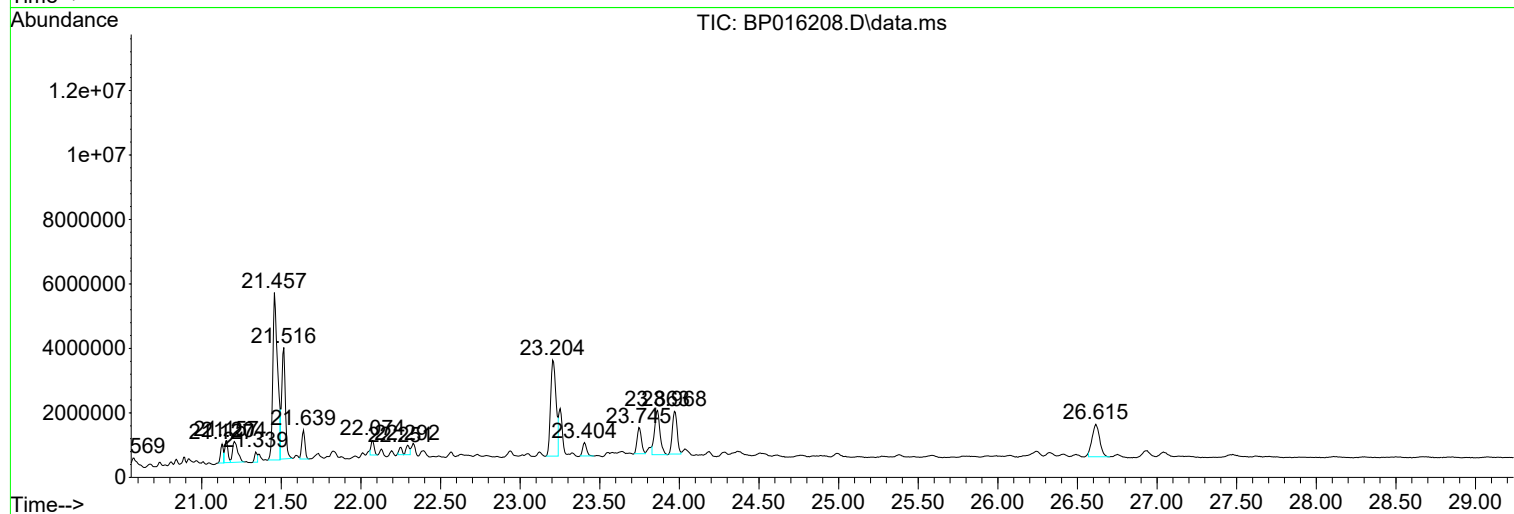
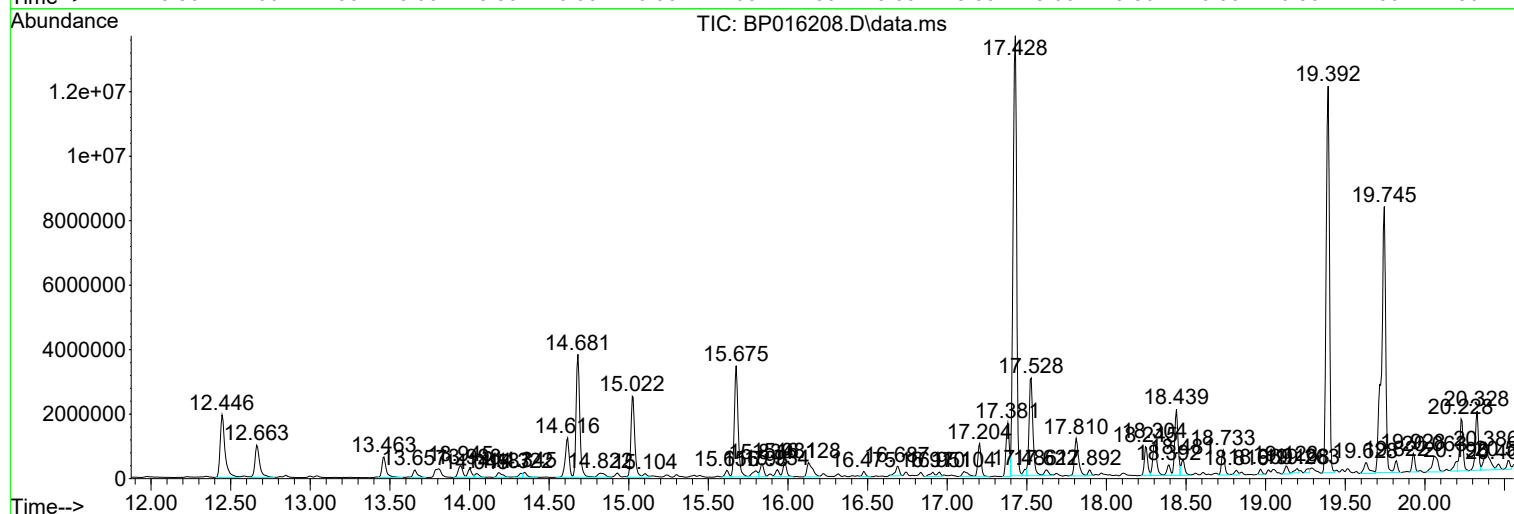
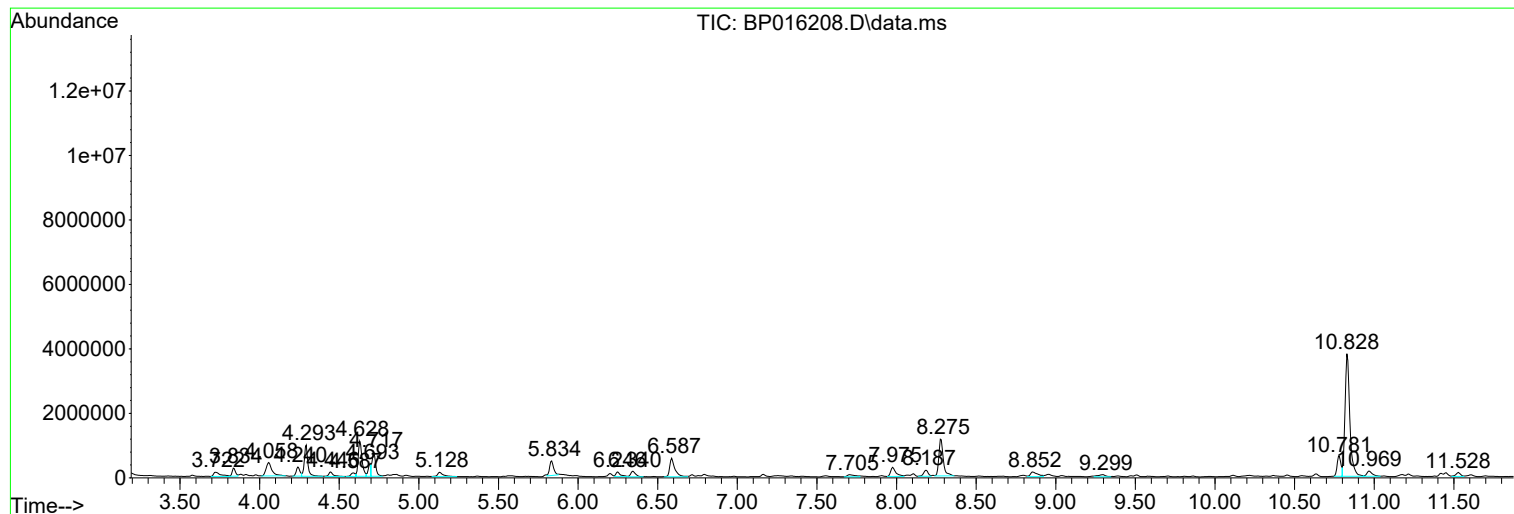
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P



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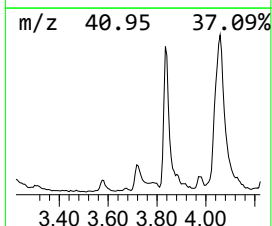
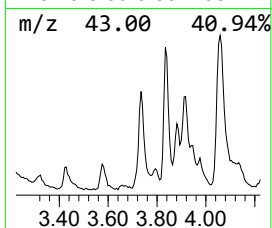
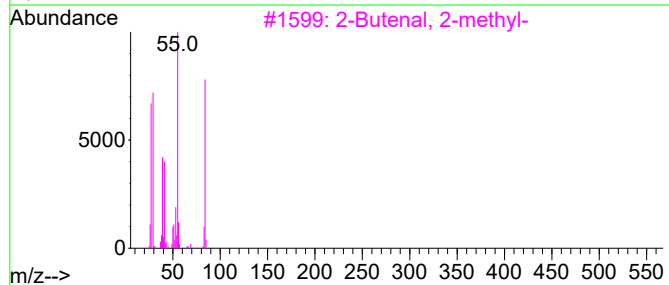
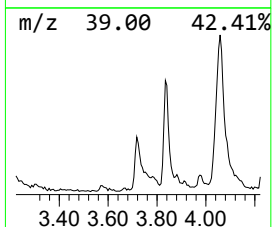
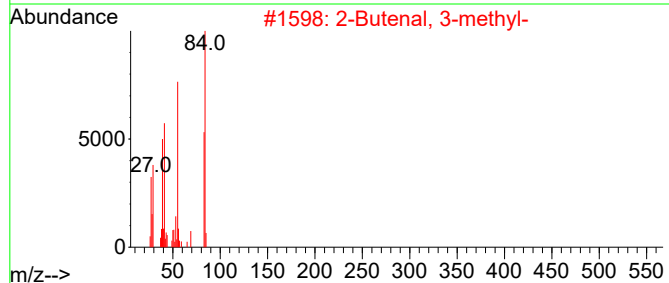
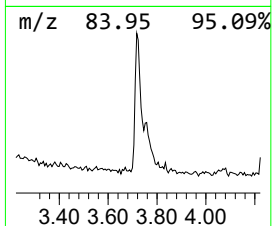
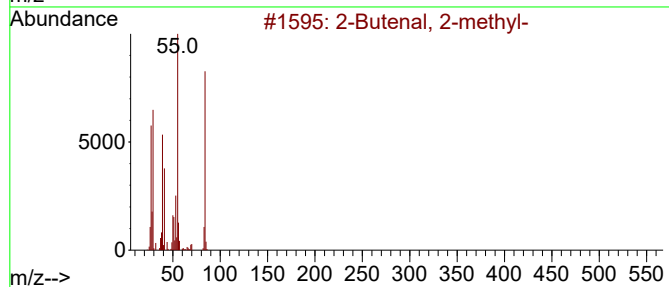
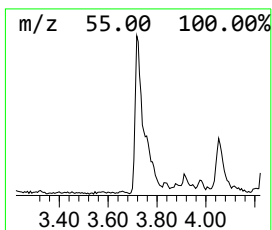
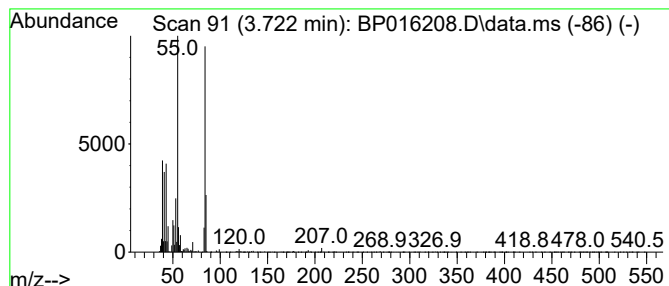
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 2-Butenal, 2-methyl- Concentration Rank 12

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.722 | 12.38 ng/ul | 405226 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of                   | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|----|---------|-------------|------|
| 1    | 2-Butenal, 2-methyl- |   |              | 84 | C5H8O   | 001115-11-3 | 90   |
| 2    | 2-Butenal, 3-methyl- |   |              | 84 | C5H8O   | 000107-86-8 | 87   |
| 3    | 2-Butenal, 2-methyl- |   |              | 84 | C5H8O   | 001115-11-3 | 87   |
| 4    | 2-Pentenal, (E)-     |   |              | 84 | C5H8O   | 001576-87-0 | 72   |
| 5    | 2-Pentenal, (E)-     |   |              | 84 | C5H8O   | 001576-87-0 | 64   |



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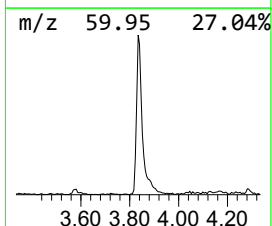
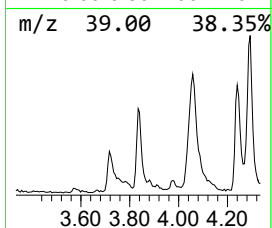
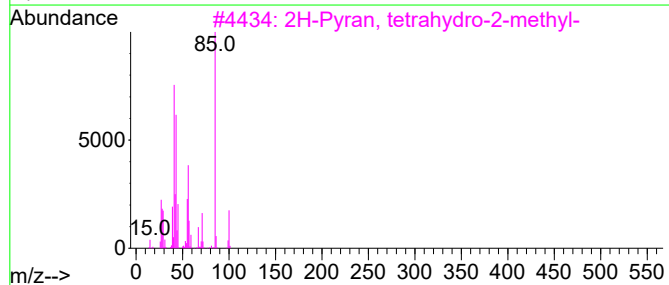
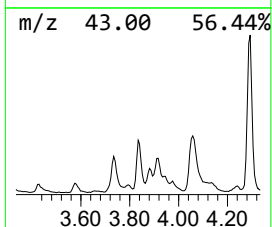
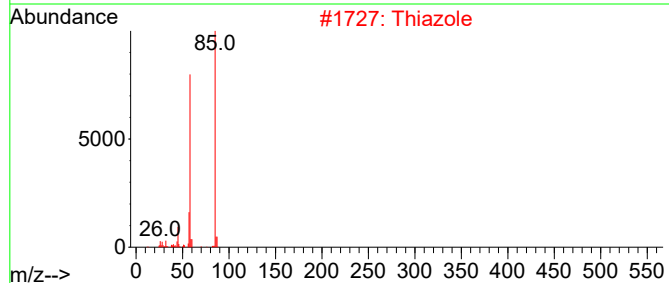
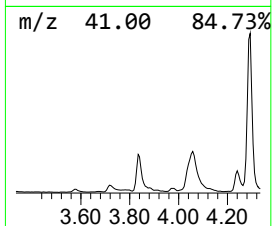
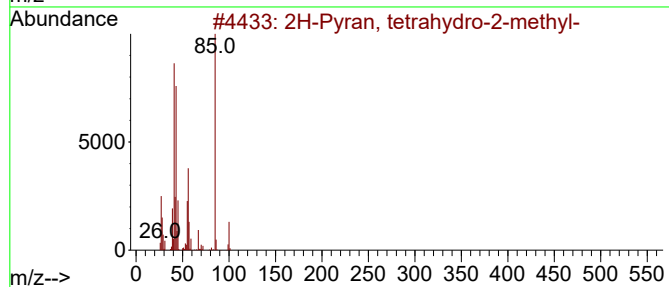
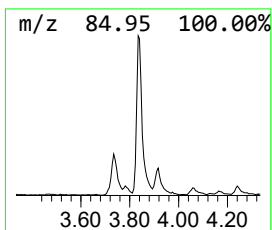
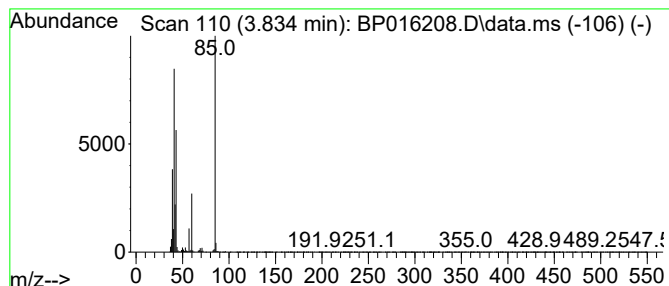
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 15

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.834 | 11.24 ng/ul | 367934 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of                             | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2H-Pyran, tetrahydro-2-methyl- |   |              | 100 | C6H12O  | 010141-72-7 | 50   |
| 2    | Thiazole                       |   |              | 85  | C3H3NS  | 000288-47-1 | 35   |
| 3    | 2H-Pyran, tetrahydro-2-methyl- |   |              | 100 | C6H12O  | 010141-72-7 | 33   |
| 4    | Piperazine, 1-nitroso-         |   |              | 115 | C4H9N3O | 005632-47-3 | 25   |
| 5    | 2-Pyrrolidinone                |   |              | 85  | C4H7NO  | 000616-45-5 | 23   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

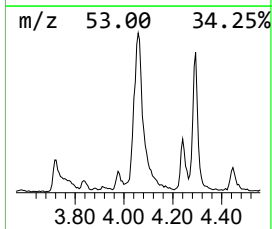
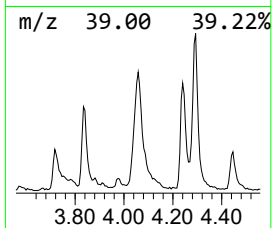
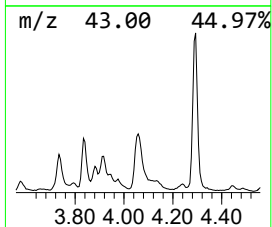
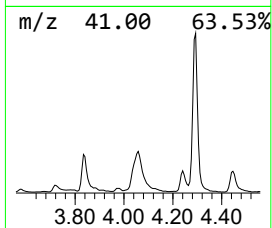
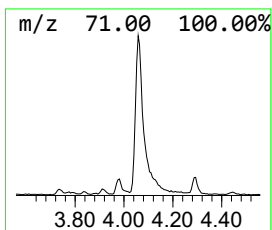
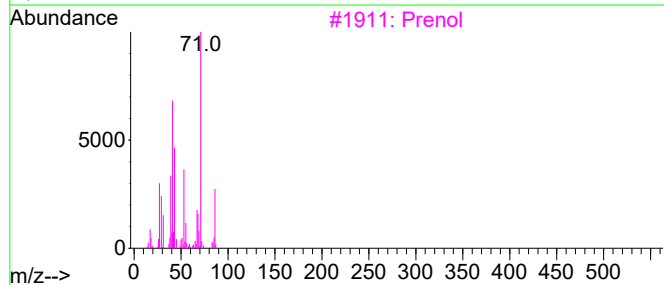
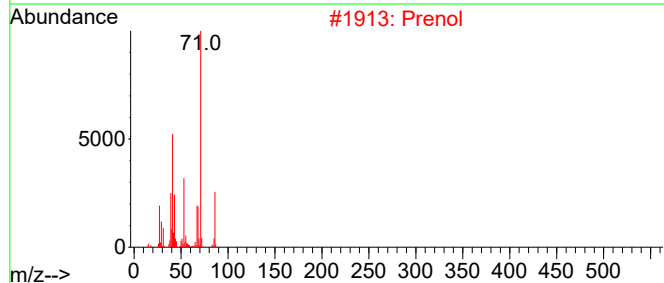
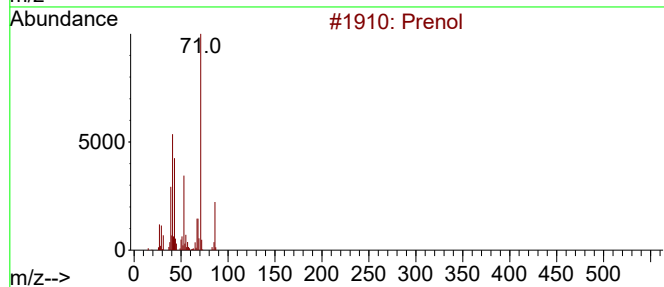
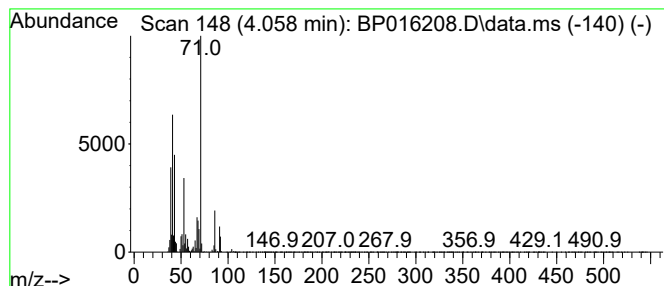
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Prenol Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 4.058 | 32.58 ng/ul | 1066890 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of                      | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-------------------------|---|--------------|----|---------|-------------|------|
| 1    | Prenol                  |   |              | 86 | C5H10O  | 000556-82-1 | 92   |
| 2    | Prenol                  |   |              | 86 | C5H10O  | 000556-82-1 | 70   |
| 3    | Prenol                  |   |              | 86 | C5H10O  | 000556-82-1 | 58   |
| 4    | 2-Buten-1-ol, 2-methyl- |   |              | 86 | C5H10O  | 004675-87-0 | 58   |
| 5    | 2-Buten-1-ol, 2-methyl- |   |              | 86 | C5H10O  | 004675-87-0 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

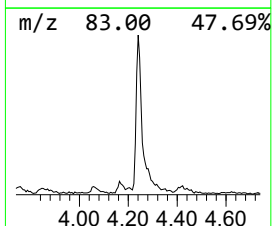
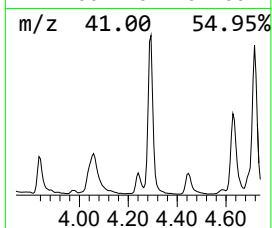
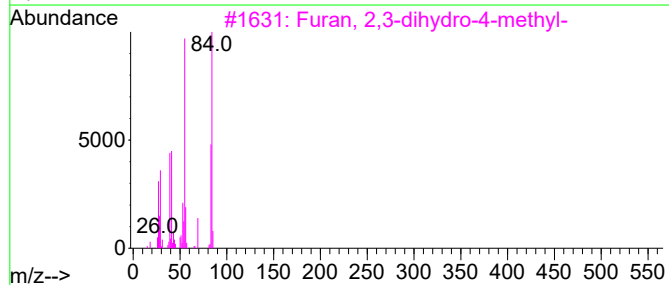
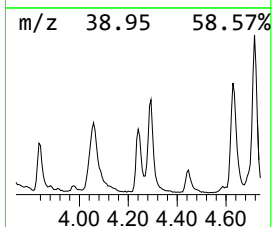
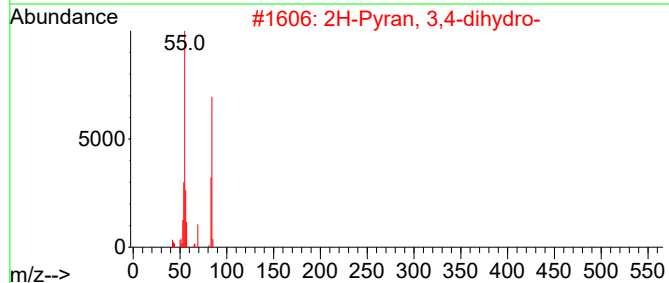
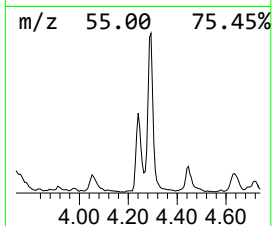
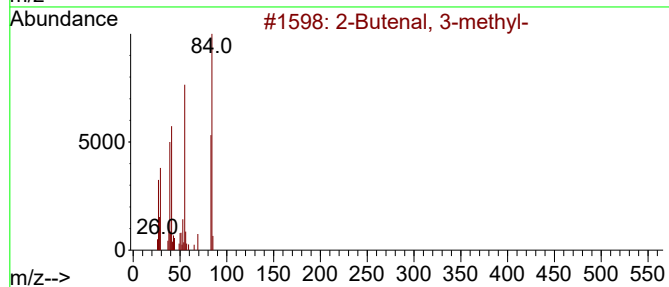
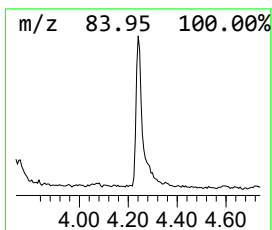
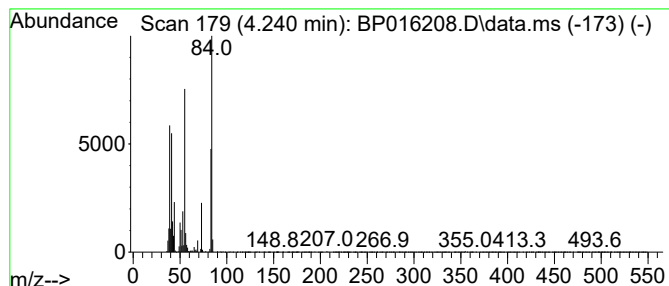
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 2-Butenal, 3-methyl- Concentration Rank 10

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 4.240 | 14.26 ng/ul | 466858 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                 | MW | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|----|---------|-------------|------|
| 1    |    |   | 2-Butenal, 3-methyl-         | 84 | C5H8O   | 000107-86-8 | 87   |
| 2    |    |   | 2H-Pyran, 3,4-dihydro-       | 84 | C5H8O   | 000110-87-2 | 64   |
| 3    |    |   | Furan, 2,3-dihydro-4-methyl- | 84 | C5H8O   | 034314-83-5 | 59   |
| 4    |    |   | 2-Butenal, 2-methyl-         | 84 | C5H8O   | 001115-11-3 | 50   |
| 5    |    |   | 2-Ethylacrolein              | 84 | C5H8O   | 000922-63-4 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

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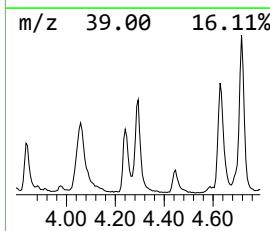
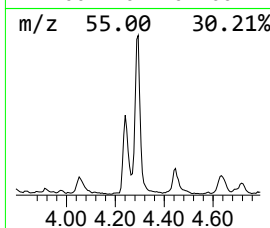
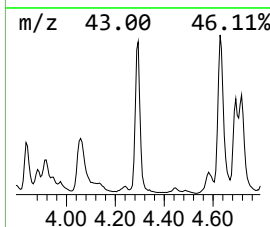
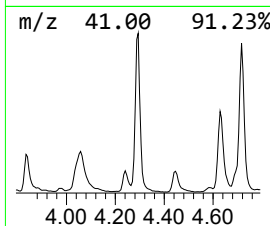
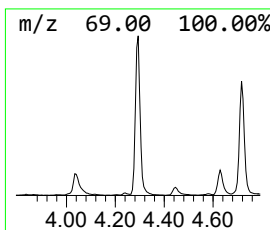
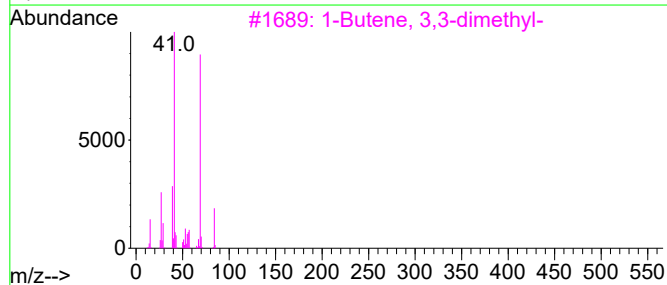
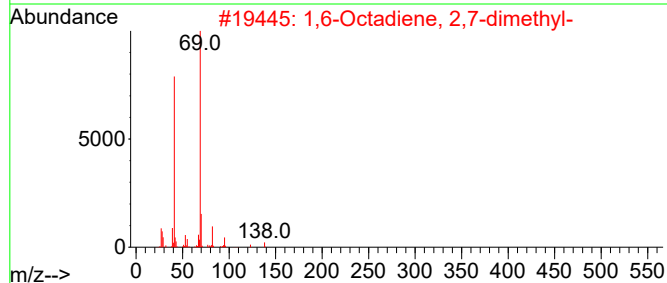
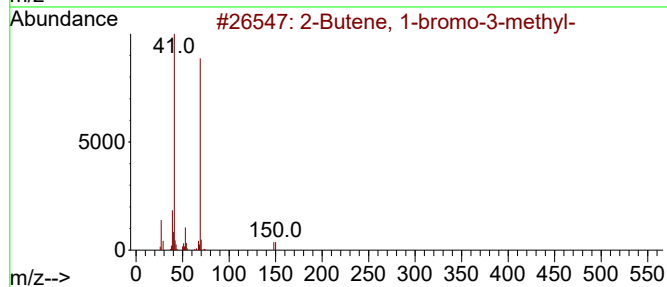
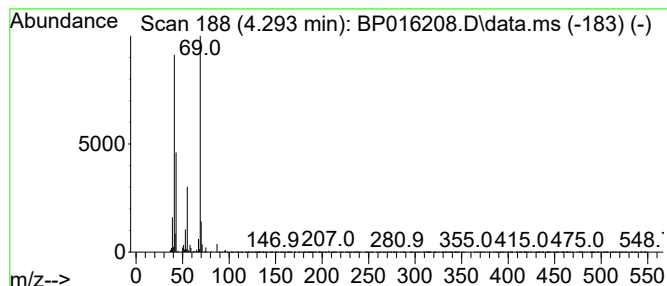
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 2-Butene, 1-bromo-3-methyl- Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 4.293 | 45.28 ng/ul | 1482550 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of                           | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Butene, 1-bromo-3-methyl-  | 148 | C5H9Br       | 000870-63-3 | 59      |      |      |
| 2    | 1,6-Octadiene, 2,7-dimethyl- | 138 | C10H18       | 040195-09-3 | 56      |      |      |
| 3    | 1-Butene, 3,3-dimethyl-      | 84  | C6H12        | 000558-37-2 | 39      |      |      |
| 4    | 1-Pentene, 3,3-dimethyl-     | 98  | C7H14        | 003404-73-7 | 39      |      |      |
| 5    | 1-Pentene, 3,3-dimethyl-     | 98  | C7H14        | 003404-73-7 | 38      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

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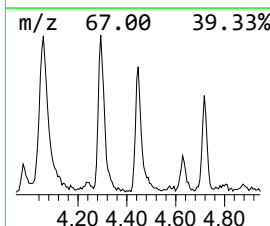
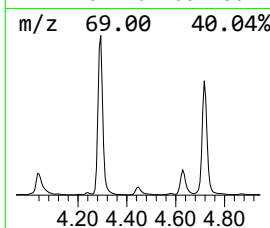
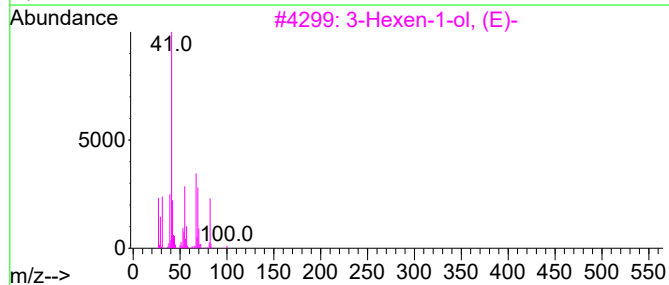
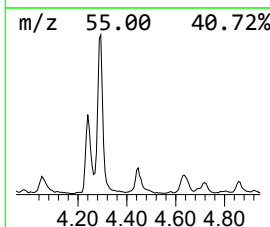
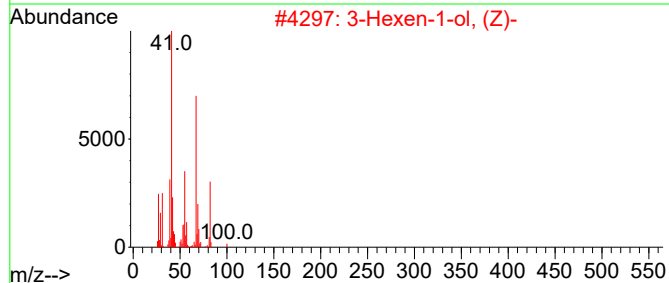
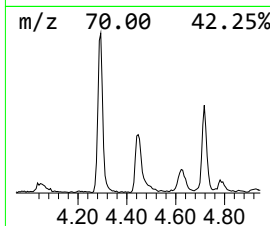
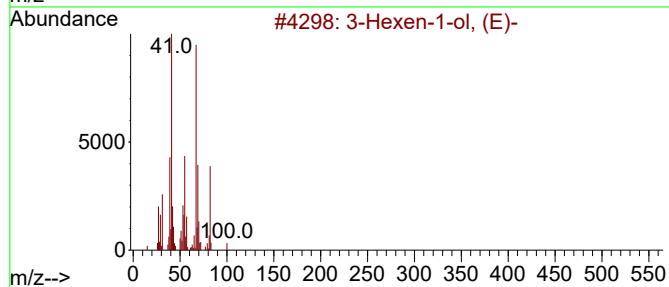
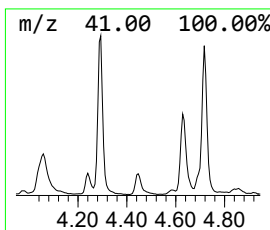
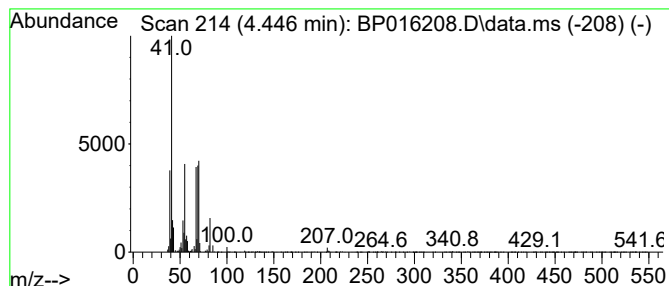
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Peak Number 6 unknown-01 Concentration Rank 23

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.446 | 8.30 ng/ul | 271853 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of                      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 3-Hexen-1-ol, (E)-      |   |              | 100 | C6H12O  | 000928-97-2 | 47   |
| 2    | 3-Hexen-1-ol, (Z)-      |   |              | 100 | C6H12O  | 000928-96-1 | 43   |
| 3    | 3-Hexen-1-ol, (E)-      |   |              | 100 | C6H12O  | 000928-97-2 | 42   |
| 4    | 2-Hexene, 3,5-dimethyl- |   |              | 112 | C8H16   | 003404-79-3 | 38   |
| 5    | 3-Hexen-1-ol            |   |              | 100 | C6H12O  | 000544-12-7 | 38   |



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Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

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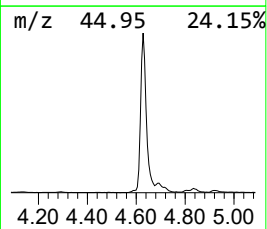
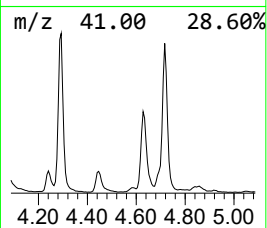
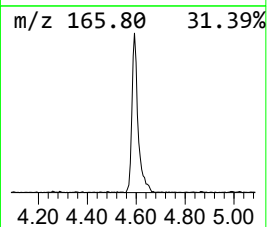
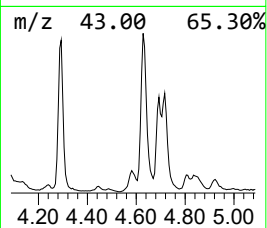
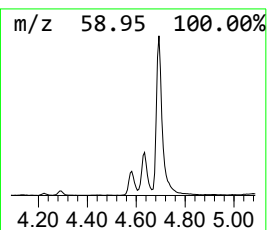
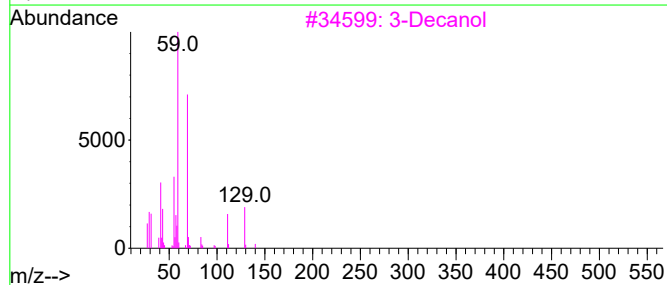
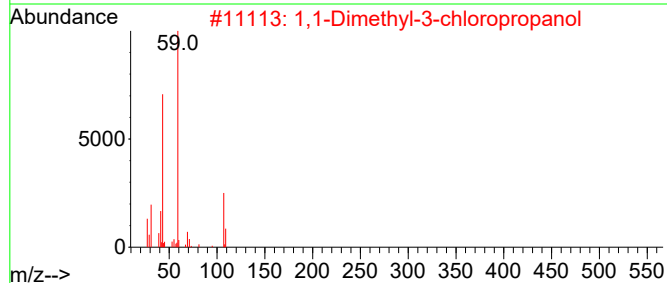
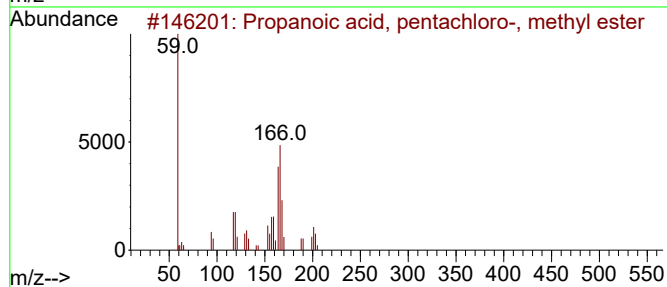
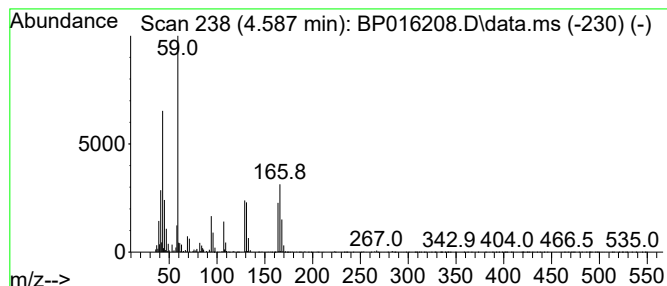
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 unknown-02 Concentration Rank 29

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 4.587     | 6.48 ng/ul                          | 212337 | 1,4-Dichlorobenzene-d4 | 7.975       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | Propanoic acid, pentachloro-, me... | 258    | C4H3Cl5O2              | 000813-46-7 | 36   |
| 2         | 1,1-Dimethyl-3-chloropropanol       | 122    | C5H11ClO               | 001985-88-2 | 27   |
| 3         | 3-Decanol                           | 158    | C10H22O                | 001565-81-7 | 25   |
| 4         | 1-Propene, 3-[2-(2-methoxyethoxy... | 160    | C8H16O3                | 013752-97-1 | 22   |
| 5         | Guanidine, monothiocyanate          | 116    | C2H4N4S                | 056960-89-5 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

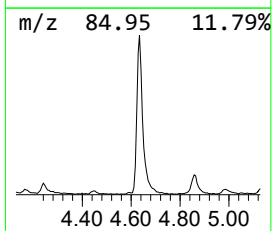
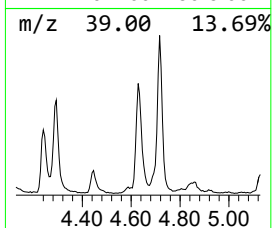
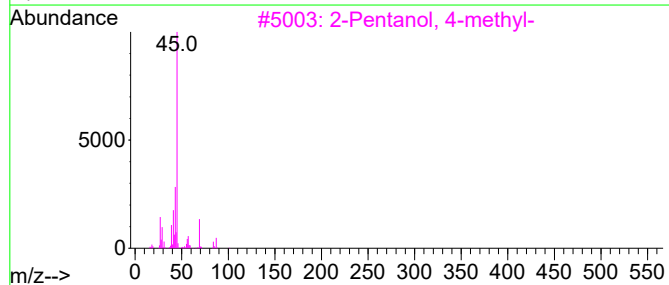
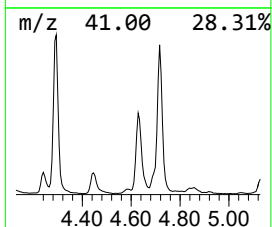
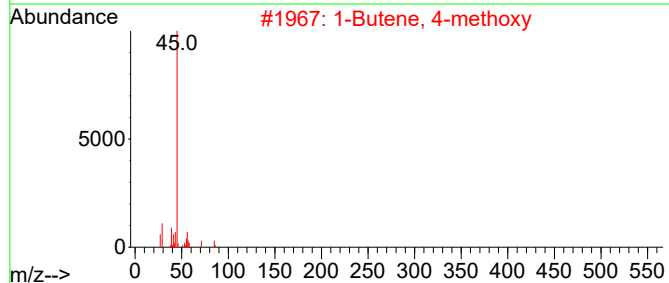
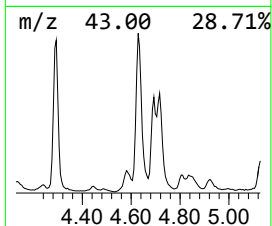
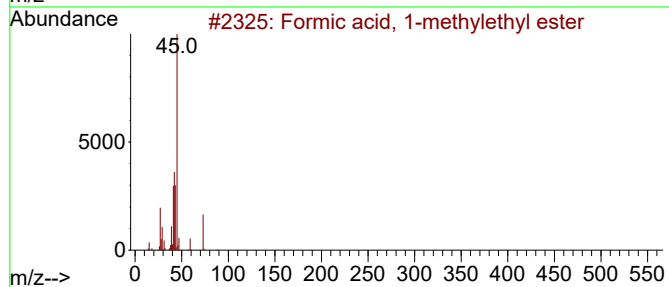
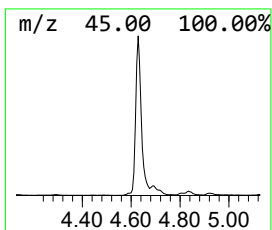
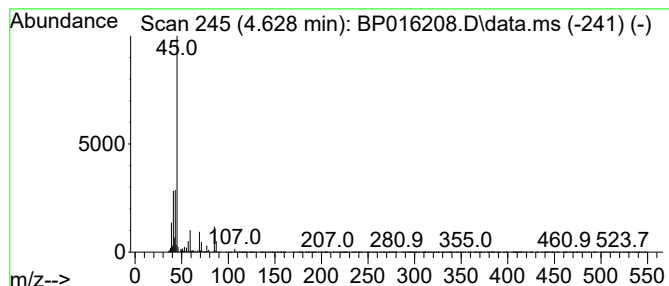
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Formic acid, 1-methylethyl ... Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 4.628 | 55.20 ng/ul | 1807340 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Formic acid, 1-methylethyl ester | 88  | C4H8O2  | 000625-55-8 | 53   |
| 2    |    |   | 1-Butene, 4-methoxy              | 86  | C5H10O  | 004696-30-4 | 53   |
| 3    |    |   | 2-Pentanol, 4-methyl-            | 102 | C6H14O  | 000108-11-2 | 45   |
| 4    |    |   | 3-Ethyl-2-pentanol               | 116 | C7H16O  | 000609-27-8 | 39   |
| 5    |    |   | E-1-Methoxy-3-hexene             | 114 | C7H14O  | 121441-40-5 | 39   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

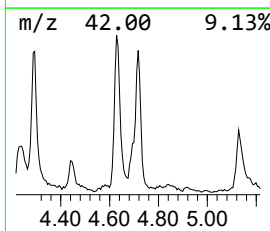
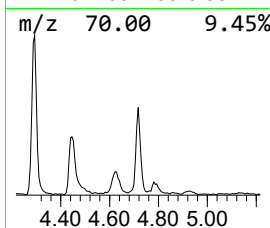
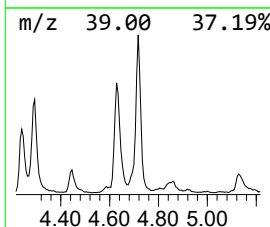
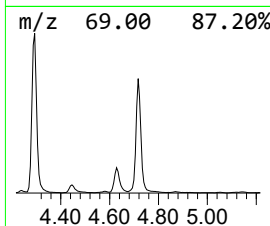
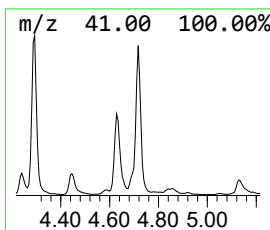
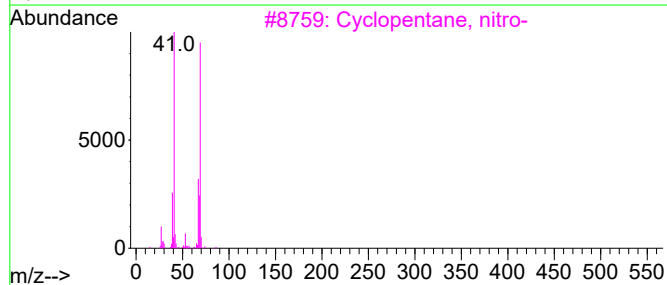
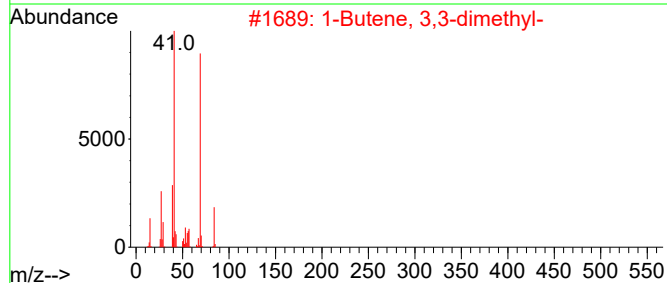
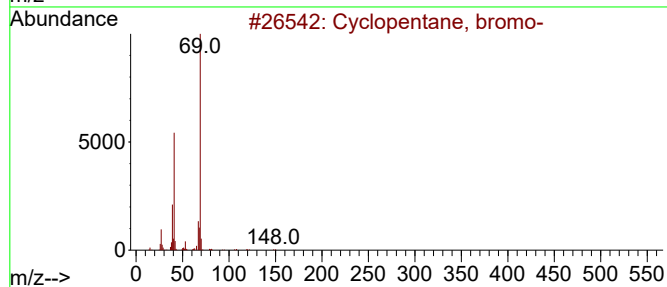
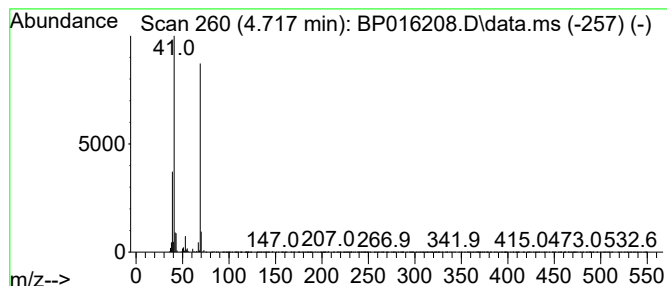
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Cyclopentane, bromo- Concentration Rank 5

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 4.717 | 34.46 ng/ul | 1128210 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclopentane, bromo-              | 148 | C5H9Br   | 000137-43-9 | 56   |
| 2    |    |   | 1-Butene, 3,3-dimethyl-           | 84  | C6H12    | 000558-37-2 | 43   |
| 3    |    |   | Cyclopentane, nitro-              | 115 | C5H9NO2  | 002562-38-1 | 40   |
| 4    |    |   | 3-Cyclopropyl-3-oxopropanenitrile | 109 | C6H7NO   | 118431-88-2 | 40   |
| 5    |    |   | Zinc, bis(3-methyl-2-butenyl)-    | 202 | C10H18Zn | 066094-28-8 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

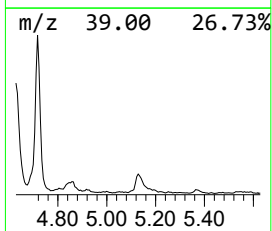
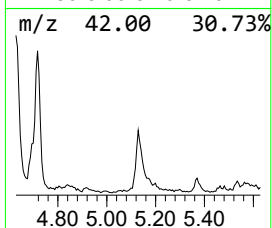
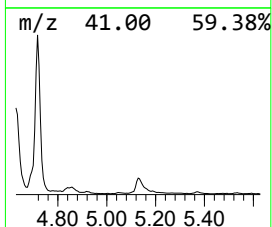
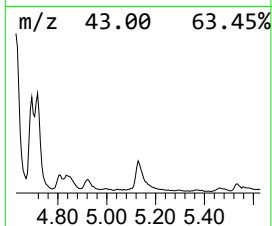
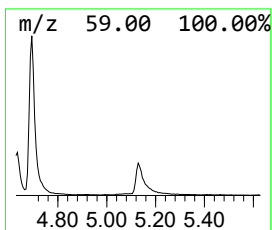
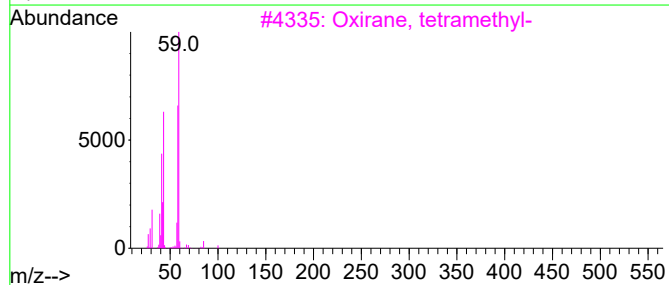
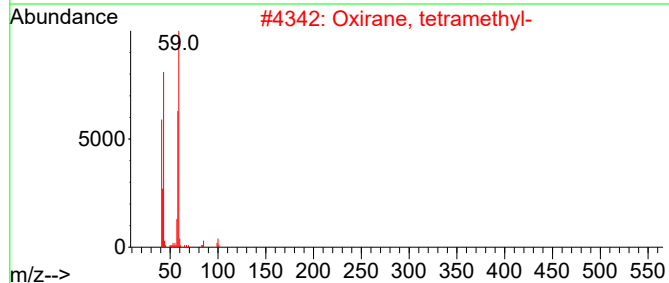
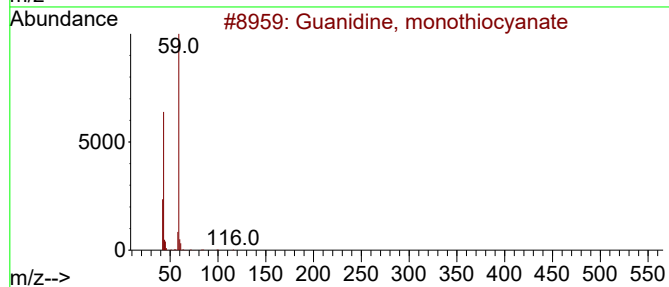
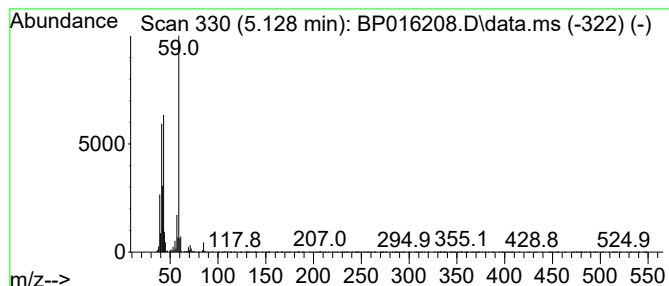
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 Guanidine, monothiocyanate Concentration Rank 19

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 5.128 | 9.97 ng/ul | 326487 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Guanidine, monothiocyanate | 116 | C2H4N4S | 056960-89-5 | 64   |
| 2    |    |   | Oxirane, tetramethyl-      | 100 | C6H12O  | 005076-20-0 | 56   |
| 3    |    |   | Oxirane, tetramethyl-      | 100 | C6H12O  | 005076-20-0 | 56   |
| 4    |    |   | Acetamide                  | 59  | C2H5NO  | 000060-35-5 | 53   |
| 5    |    |   | Oxirane, tetramethyl-      | 100 | C6H12O  | 005076-20-0 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

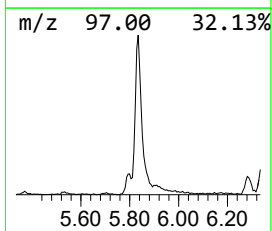
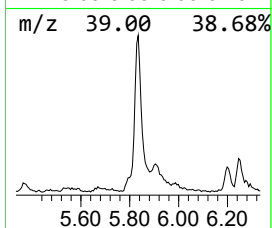
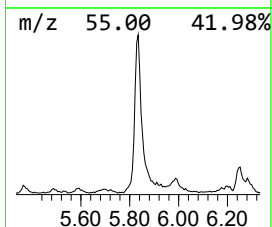
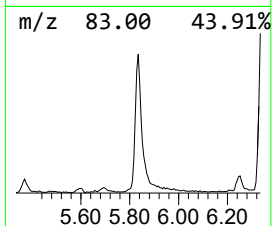
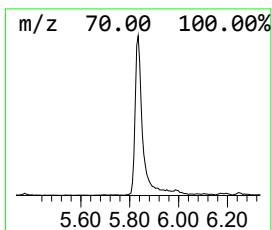
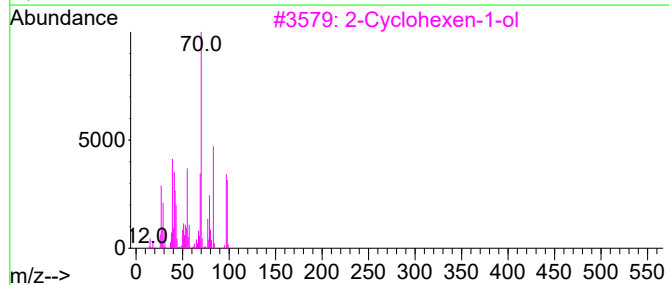
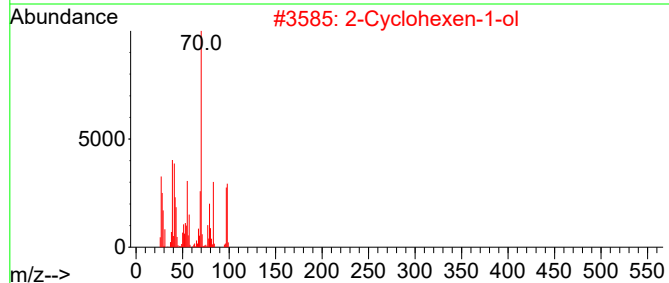
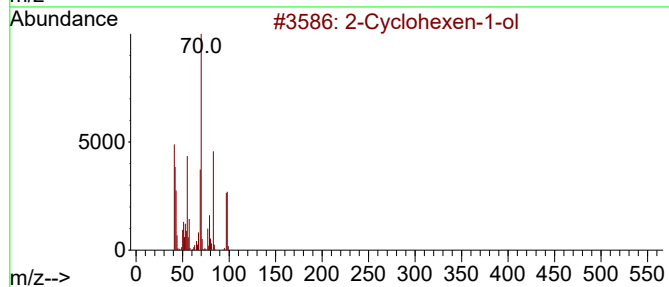
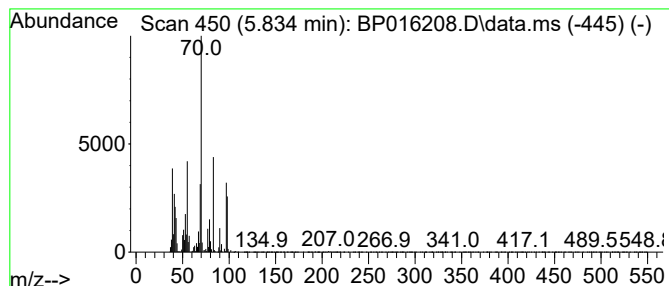
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 2-Cyclohexen-1-ol Concentration Rank 7

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.834 | 24.52 ng/ul | 802788 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|----|---------|-------------|------|
| 1    |    |   | 2-Cyclohexen-1-ol           | 98 | C6H10O  | 000822-67-3 | 74   |
| 2    |    |   | 2-Cyclohexen-1-ol           | 98 | C6H10O  | 000822-67-3 | 72   |
| 3    |    |   | 2-Cyclohexen-1-ol           | 98 | C6H10O  | 000822-67-3 | 46   |
| 4    |    |   | 2-Cyclohexen-1-ol           | 98 | C6H10O  | 000822-67-3 | 45   |
| 5    |    |   | Cyclopentane, 1,3-dimethyl- | 98 | C7H14   | 002453-00-1 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

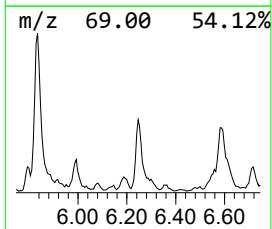
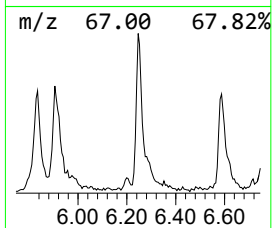
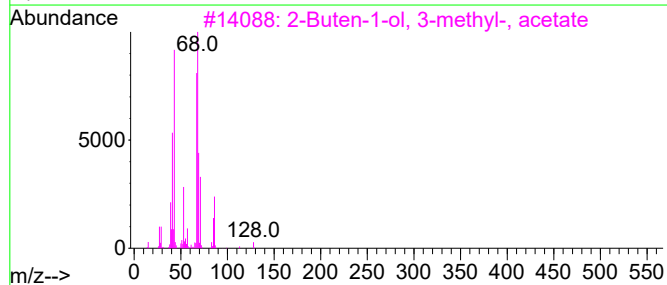
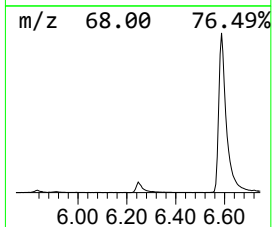
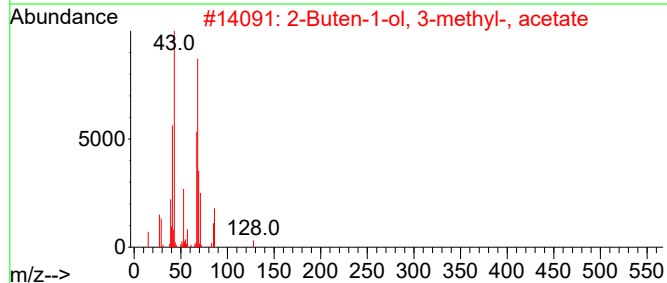
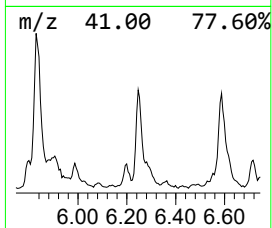
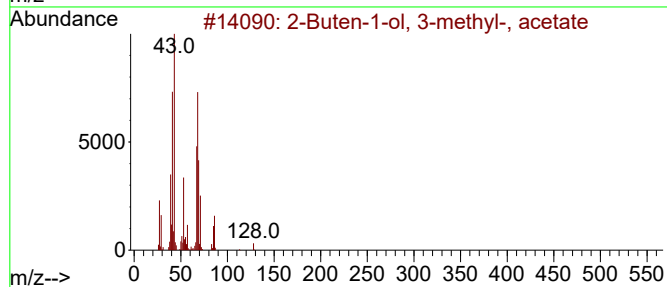
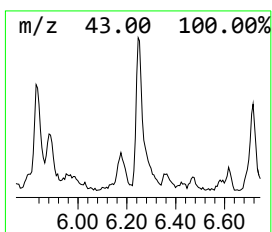
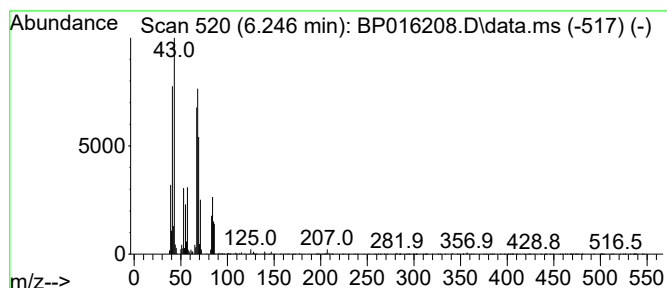
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 2-Buten-1-ol, 3-methyl-, ac... Concentration Rank 20

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 6.246 | 9.12 ng/ul | 298630 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Buten-1-ol, 3-methyl-, acetate | 128 | C7H12O2      | 001191-16-8 | 72      |      |      |
| 2    | 2-Buten-1-ol, 3-methyl-, acetate | 128 | C7H12O2      | 001191-16-8 | 64      |      |      |
| 3    | 2-Buten-1-ol, 3-methyl-, acetate | 128 | C7H12O2      | 001191-16-8 | 64      |      |      |
| 4    | 2-Buten-1-ol, 3-methyl-, acetate | 128 | C7H12O2      | 001191-16-8 | 50      |      |      |
| 5    | Bicyclo[3.1.0]hexan-3-one        | 96  | C6H8O        | 001755-04-0 | 50      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

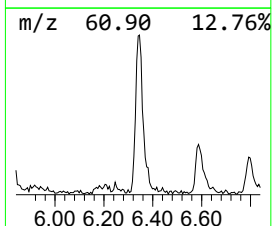
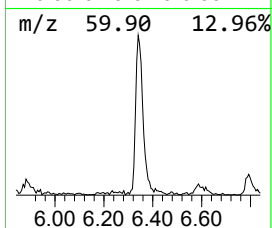
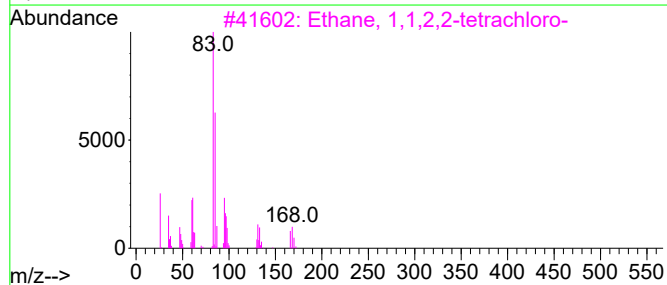
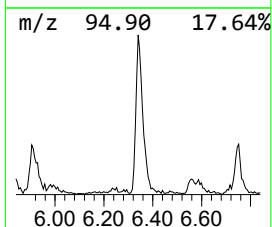
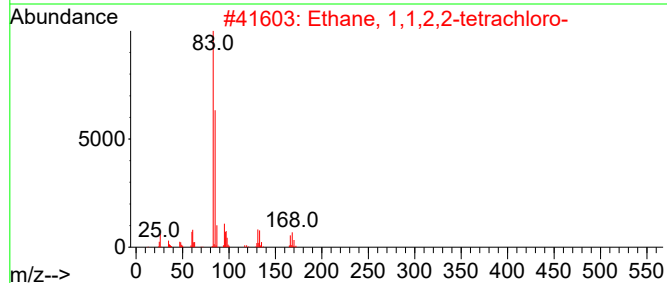
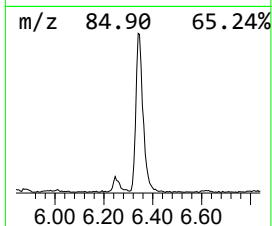
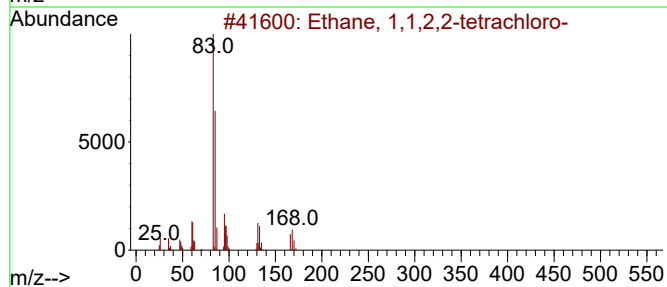
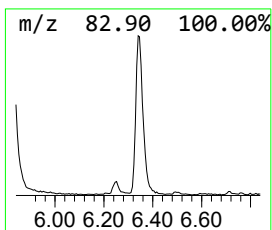
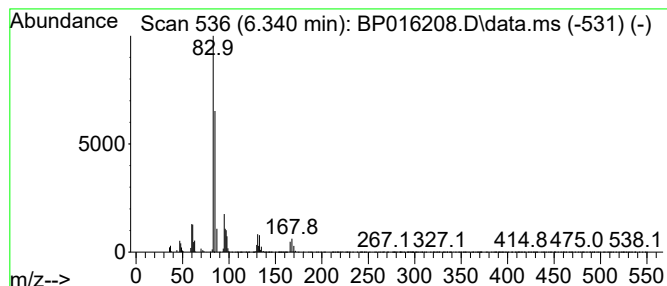
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 17

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.340 | 10.74 ng/ul | 351674 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethane, 1,1,2,2-tetrachloro-        | 166 | C2H2Cl4  | 000079-34-5 | 94   |
| 2    |    |   | Ethane, 1,1,2,2-tetrachloro-        | 166 | C2H2Cl4  | 000079-34-5 | 94   |
| 3    |    |   | Ethane, 1,1,2,2-tetrachloro-        | 166 | C2H2Cl4  | 000079-34-5 | 91   |
| 4    |    |   | Ethane, 1,1,2-trichloro-2-fluoro-   | 150 | C2H2Cl3F | 000359-28-4 | 56   |
| 5    |    |   | Ethane, 1,2,2-trichloro-1,1-difl... | 168 | C2HCl3F2 | 000354-21-2 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

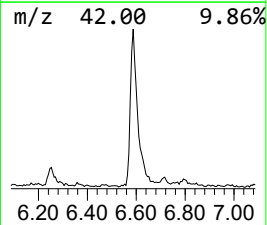
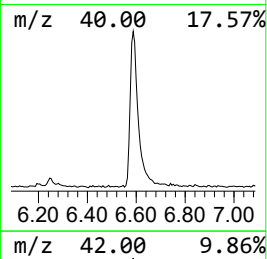
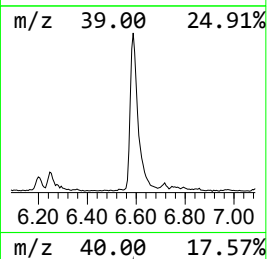
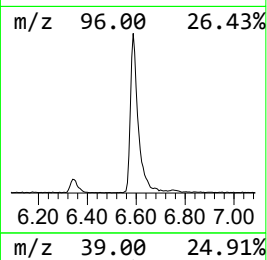
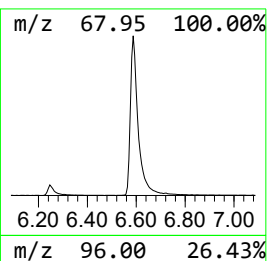
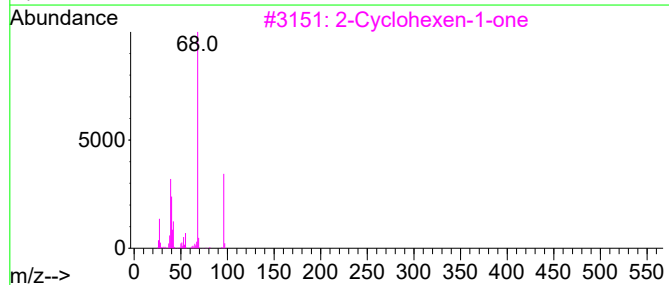
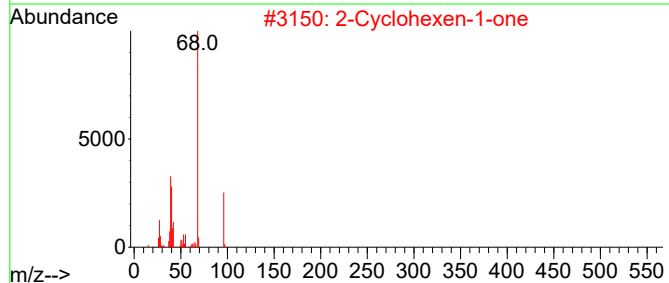
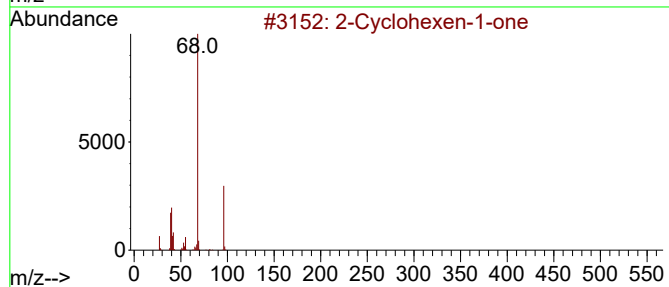
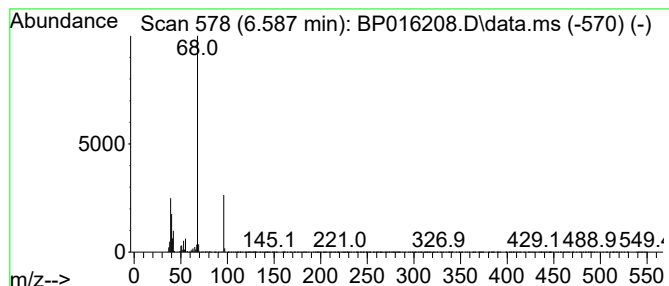
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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 2-Cyclohexen-1-one Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 6.587 | 39.43 ng/ul | 1291110 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|----|---------|-------------|------|
| 1    |    |   | 2-Cyclohexen-1-one        | 96 | C6H8O   | 000930-68-7 | 91   |
| 2    |    |   | 2-Cyclohexen-1-one        | 96 | C6H8O   | 000930-68-7 | 91   |
| 3    |    |   | 2-Cyclohexen-1-one        | 96 | C6H8O   | 000930-68-7 | 91   |
| 4    |    |   | 2-Cyclohexen-1-one        | 96 | C6H8O   | 000930-68-7 | 91   |
| 5    |    |   | Bicyclo[3.1.0]hexan-2-one | 96 | C6H8O   | 004160-49-0 | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

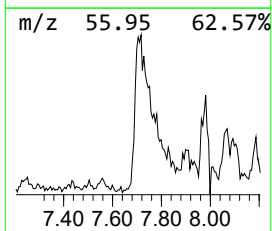
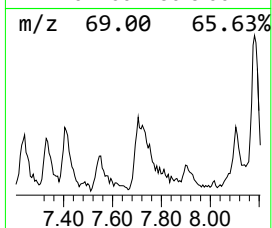
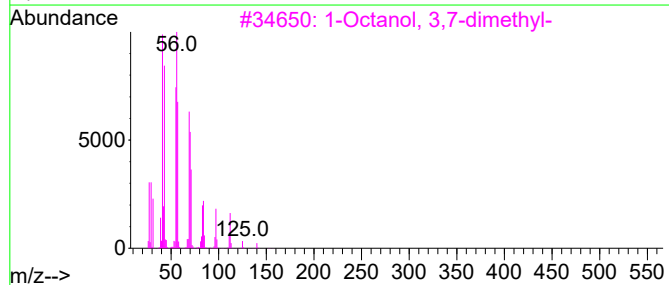
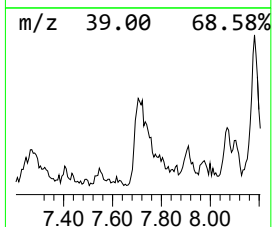
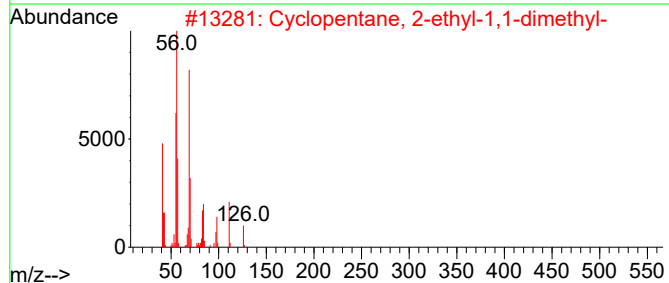
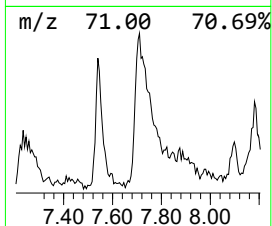
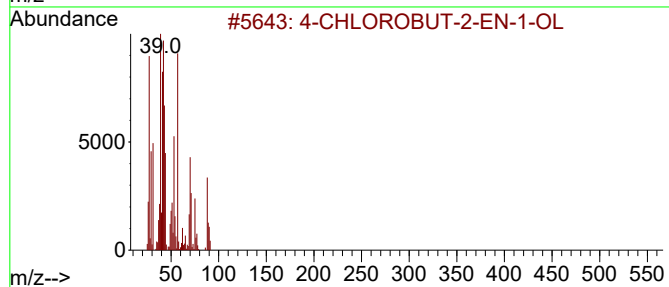
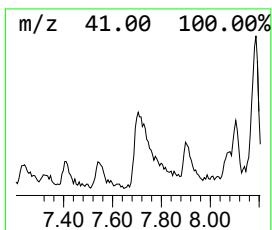
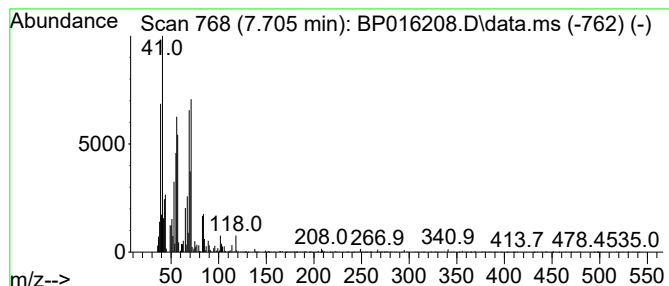
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Peak Number 16 unknown-03

Concentration Rank 27

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.705 | 6.65 ng/ul | 217595 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 4-CHLOROBUT-2-EN-1-OL               | 106 | C4H7ClO | 007523-44-6 | 25   |
| 2    |    |   | Cyclopentane, 2-ethyl-1,1-dimethyl- | 126 | C9H18   | 054549-80-3 | 22   |
| 3    |    |   | 1-Octanol, 3,7-dimethyl-            | 158 | C10H22O | 000106-21-8 | 22   |
| 4    |    |   | Cyclopropane, 1,1-dimethyl-2-nonyl- | 196 | C14H28  | 041977-38-2 | 22   |
| 5    |    |   | 1,2-Dimethyl cyclopropene           | 68  | C5H8    | 014309-32-1 | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

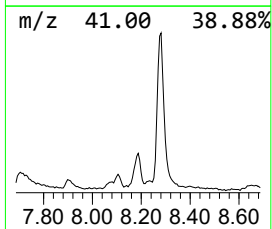
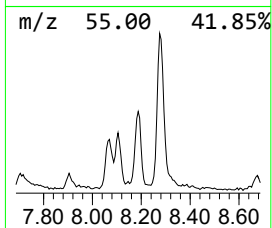
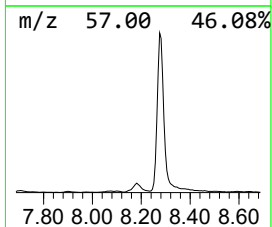
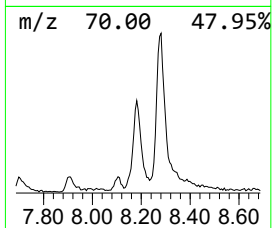
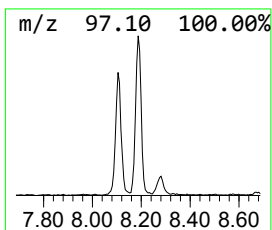
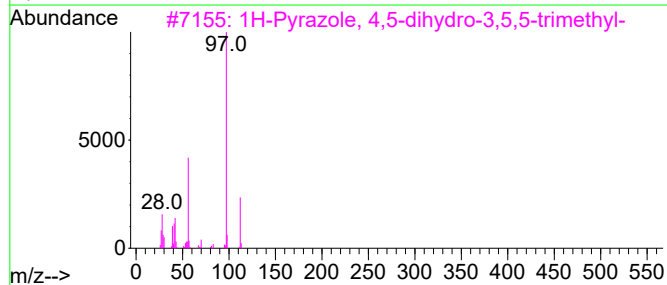
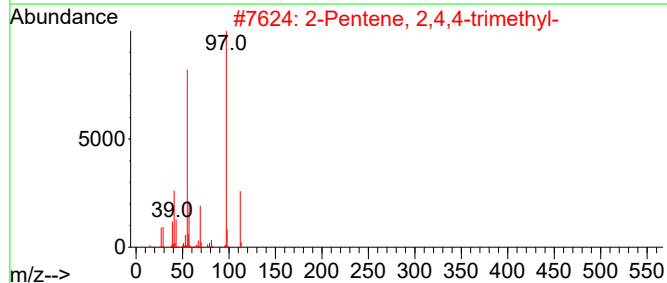
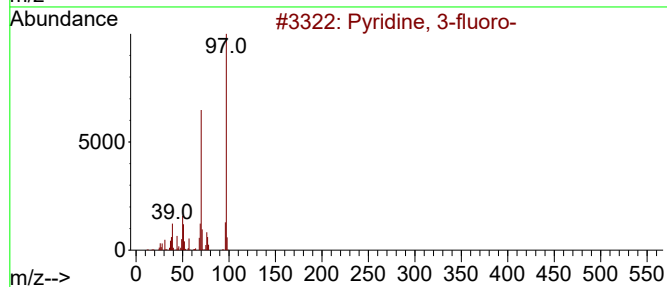
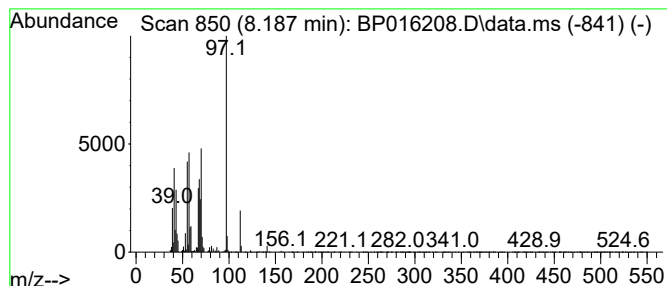
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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 unknown-04 Concentration Rank 14

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.187 | 11.47 ng/ul | 375600 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pyridine, 3-fluoro-                 | 97  | C5H4FN  | 000372-47-4 | 46   |
| 2    |    |   | 2-Pentene, 2,4,4-trimethyl-         | 112 | C8H16   | 000107-40-4 | 46   |
| 3    |    |   | 1H-Pyrazole, 4,5-dihydro-3,5,5-t... | 112 | C6H12N2 | 003975-85-7 | 43   |
| 4    |    |   | 1H-Pyrazole, 4,5-dihydro-3,5,5-t... | 112 | C6H12N2 | 003975-85-7 | 43   |
| 5    |    |   | Cyclohexane, 1,3-dimethyl-          | 112 | C8H16   | 000591-21-9 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

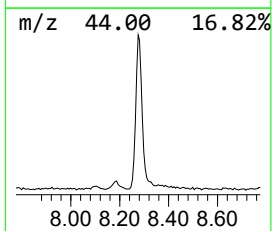
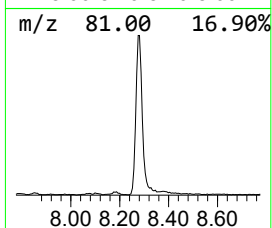
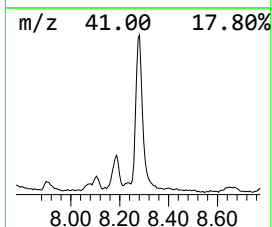
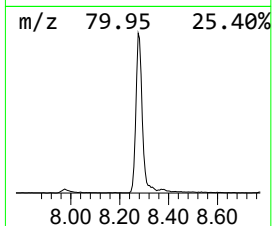
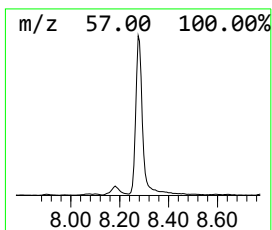
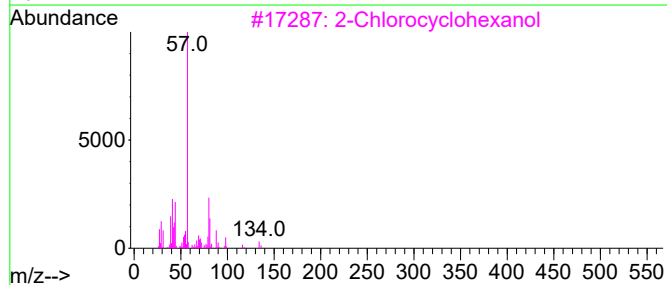
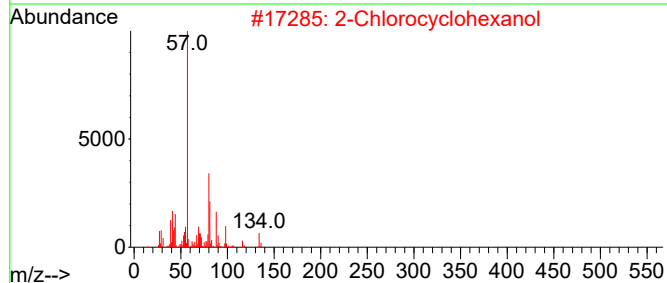
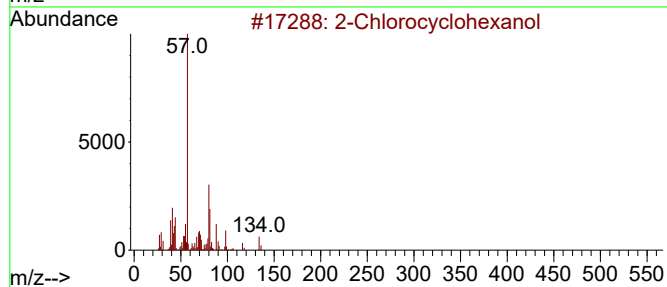
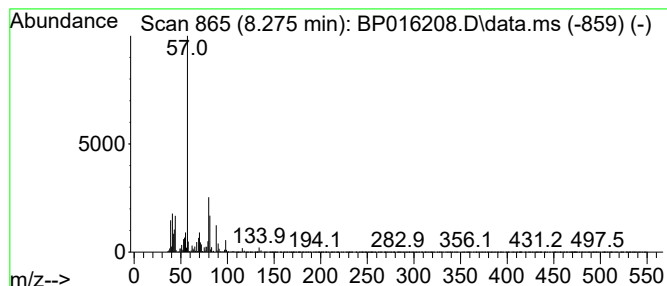
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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 2-Chlorocyclohexanol Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 8.275 | 67.57 ng/ul | 2212300 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of                   | 5 | Tentative ID | MW       | MolForm     | CAS# | Qual |
|------|----------------------|---|--------------|----------|-------------|------|------|
| 1    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 93   |      |
| 2    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 93   |      |
| 3    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 87   |      |
| 4    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 64   |      |
| 5    | 2-Chlorocyclohexanol |   | 134          | C6H11ClO | 001561-86-0 | 52   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

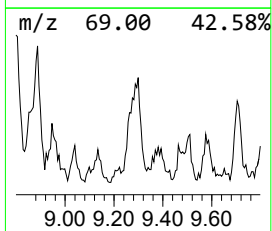
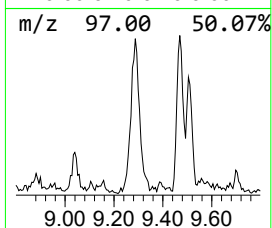
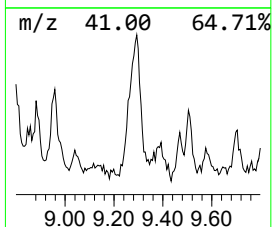
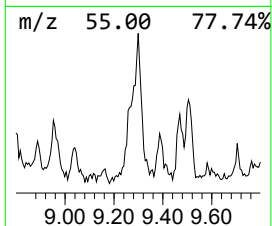
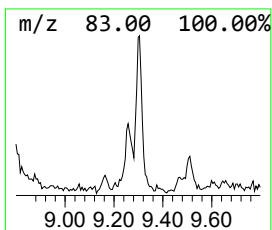
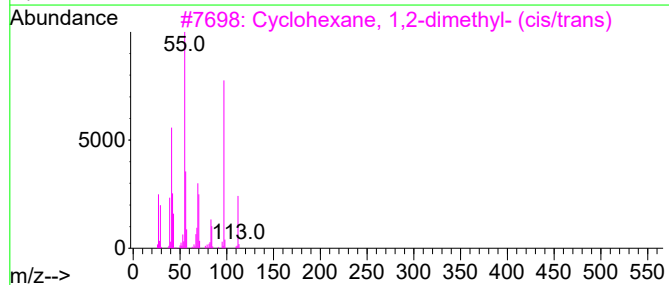
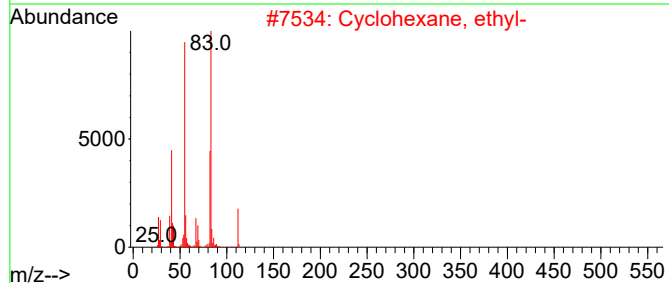
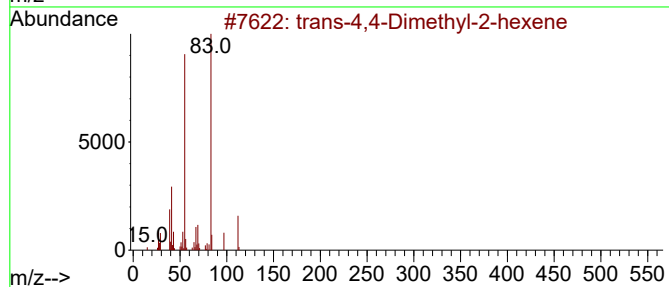
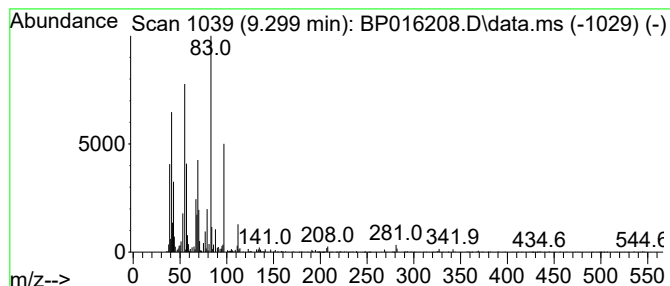
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TIC Integration Parameters: LSCINT.P

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Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 9.299 | 6.49 ng/ul | 212635 | 1,4-Dichlorobenzene-d4 | 7.975 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | trans-4,4-Dimethyl-2-hexene         | 112 | C8H16   | 019550-83-5 | 43   |
| 2    |    |   | Cyclohexane, ethyl-                 | 112 | C8H16   | 001678-91-7 | 43   |
| 3    |    |   | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16   | 000583-57-3 | 38   |
| 4    |    |   | Cyclohexanone, 3,3,5-trimethyl-     | 140 | C9H16O  | 000873-94-9 | 38   |
| 5    |    |   | 2H-Pyran-2-carboxaldehyde, 3,4-d... | 112 | C6H8O2  | 000100-73-2 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

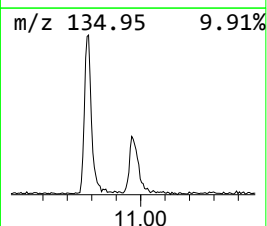
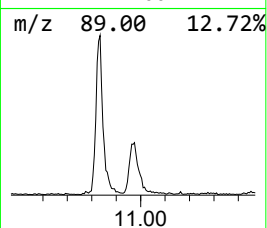
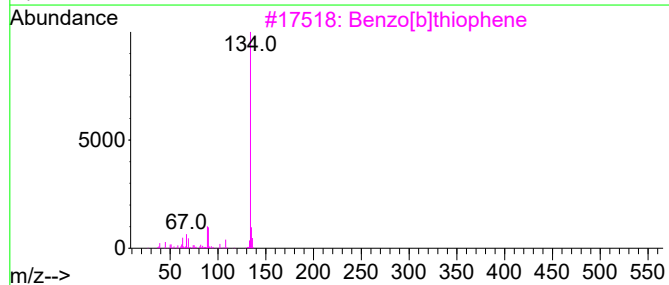
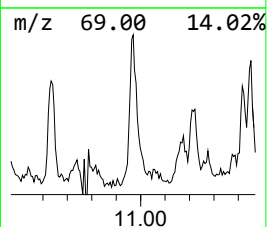
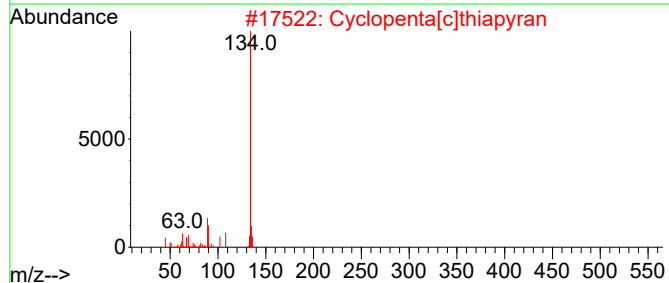
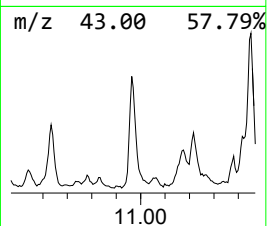
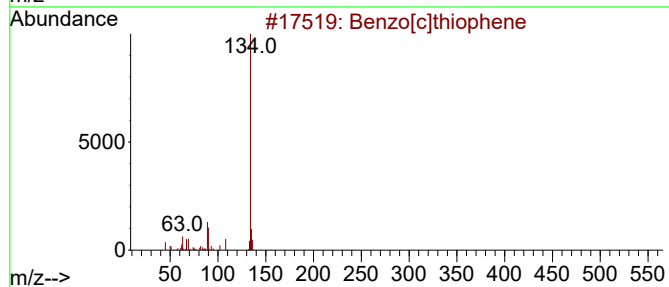
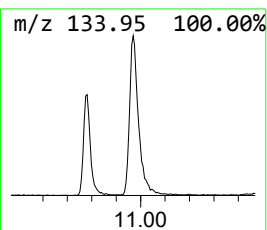
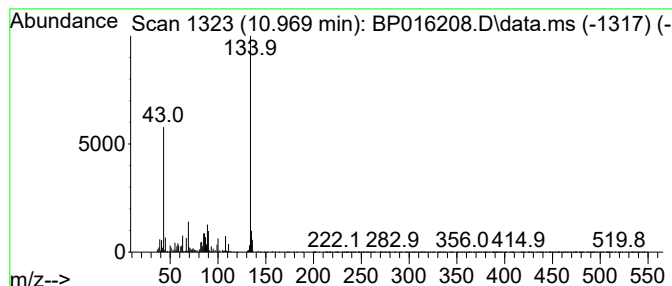
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Quant Title : SVOA CALIBRATION

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

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Peak Number 20 Benzo[c]thiophene Concentration Rank 24

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.969 | 6.92 ng/ul | 375912 | Naphthalene-d8   | 10.781 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[c]thiophene      | 134 | C8H6S   | 000270-82-6 | 87   |
| 2    |    |   | Cyclopenta[c]thiapyran | 134 | C8H6S   | 000270-63-3 | 87   |
| 3    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 87   |
| 4    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 87   |
| 5    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

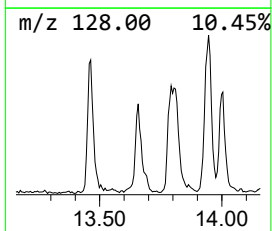
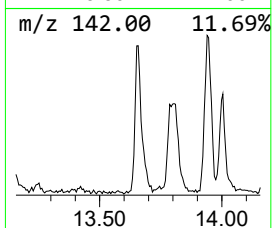
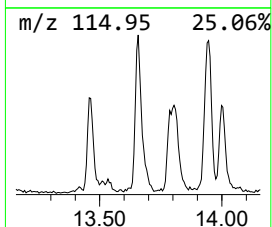
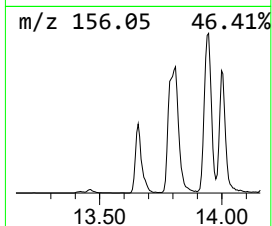
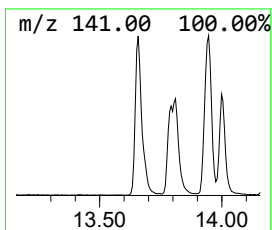
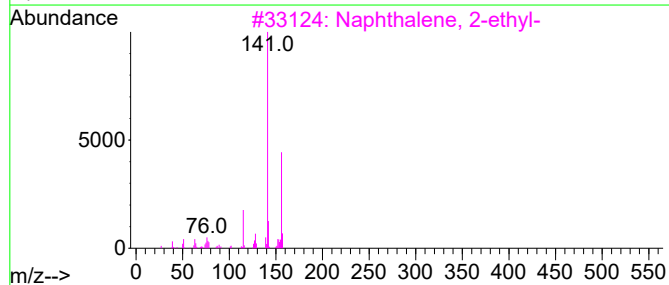
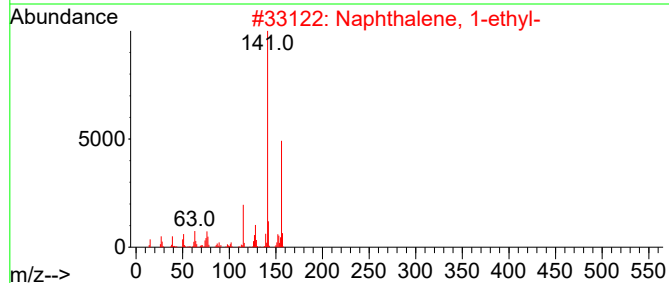
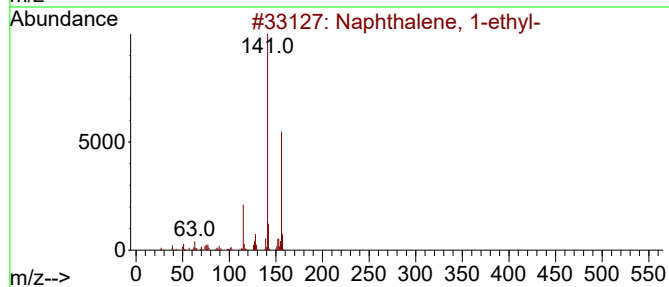
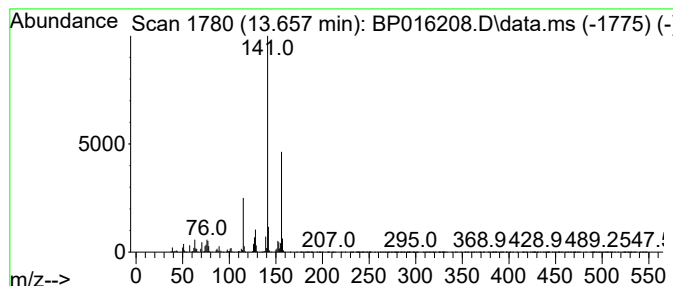
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BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 22 Naphthalene, 1-ethyl- Concentration Rank 36

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 13.657    | 4.36 ng/ul            | 452674 | Acenaphthene-d10 |         | 14.616      |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Naphthalene, 1-ethyl- |        | 156              | C12H12  | 001127-76-0 | 96   |
| 2         | Naphthalene, 1-ethyl- |        | 156              | C12H12  | 001127-76-0 | 95   |
| 3         | Naphthalene, 2-ethyl- |        | 156              | C12H12  | 000939-27-5 | 94   |
| 4         | Naphthalene, 2-ethyl- |        | 156              | C12H12  | 000939-27-5 | 94   |
| 5         | Naphthalene, 2-ethyl- |        | 156              | C12H12  | 000939-27-5 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

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Quant Title : SVOA CALIBRATION

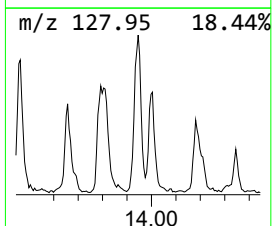
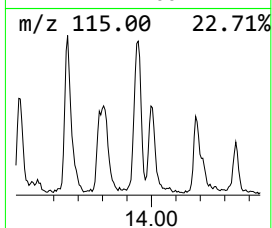
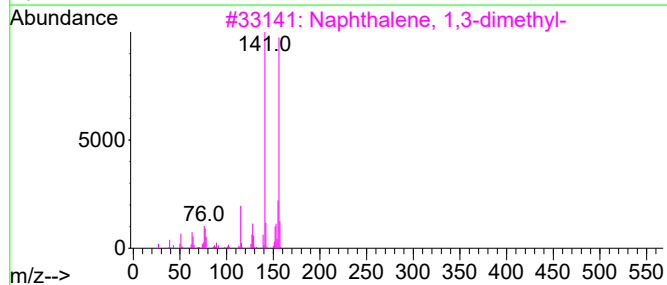
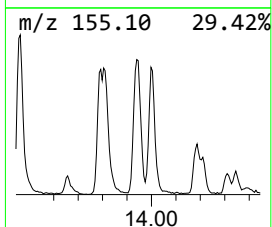
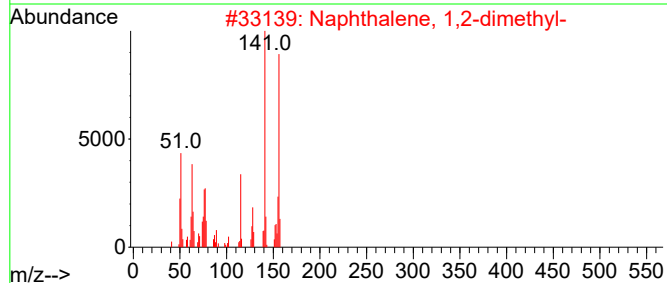
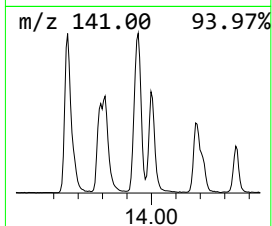
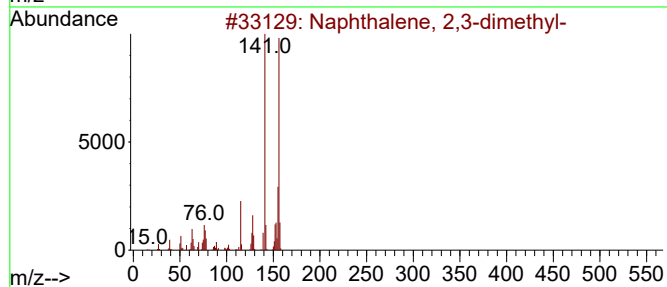
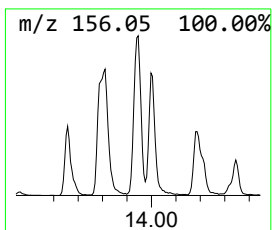
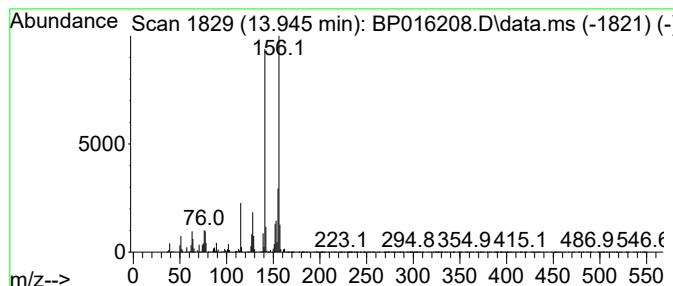
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 25

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.945 | 6.88 ng/ul | 715193 | Acenaphthene-d10 | 14.616 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,2-dimethyl- | 156 | C12H12  | 000573-98-8 | 97   |
| 3    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 4    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

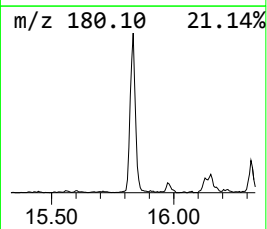
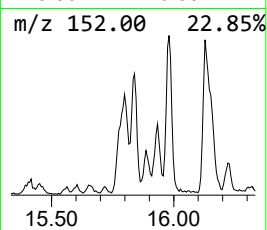
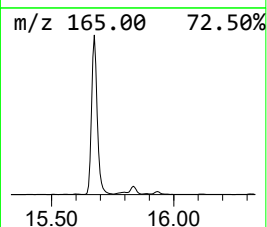
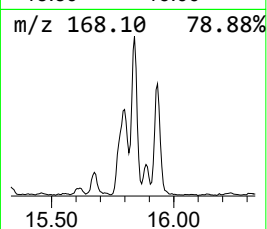
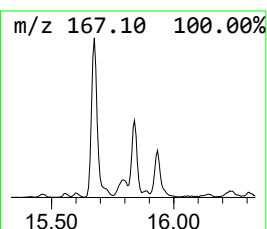
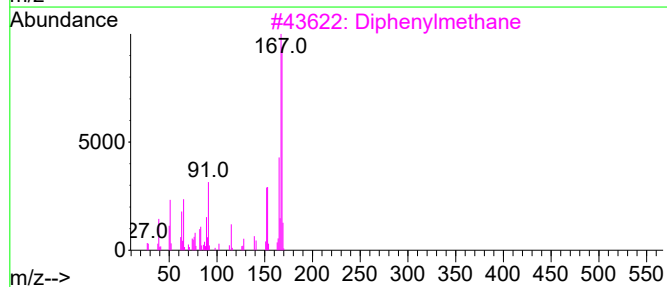
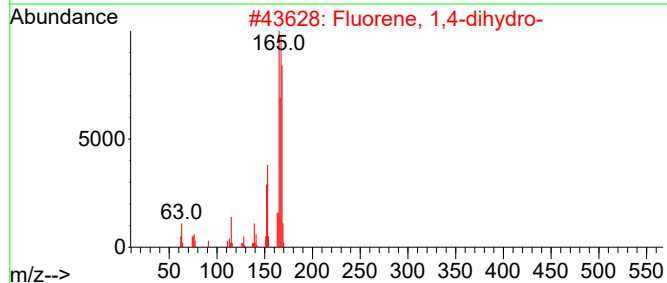
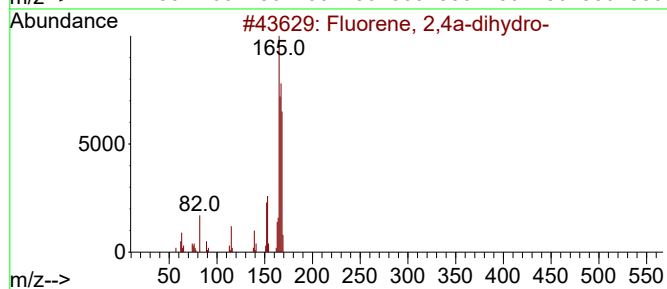
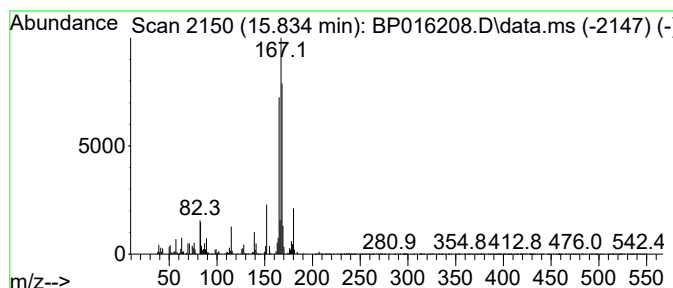
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Quant Title : SVOA CALIBRATION

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

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Peak Number 28 Fluorene, 2,4a-dihydro- Concentration Rank 30

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.834 | 6.22 ng/ul | 646729 | Acenaphthene-d10 | 14.616 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Fluorene, 2,4a-dihydro-           | 168 | C13H12   | 059247-36-8 | 96   |
| 2    |    |   | Fluorene, 1,4-dihydro-            | 168 | C13H12   | 041593-21-9 | 93   |
| 3    |    |   | Diphenylmethane                   | 168 | C13H12   | 000101-81-5 | 89   |
| 4    |    |   | Benzeneacetamide, .alpha.-phenyl- | 211 | C14H13NO | 004695-13-0 | 80   |
| 5    |    |   | Nordiphenamid                     | 225 | C15H15NO | 000954-21-2 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

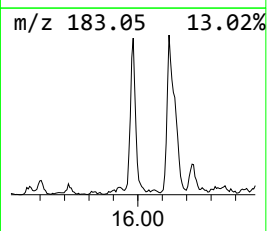
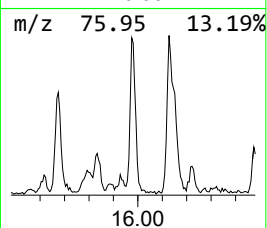
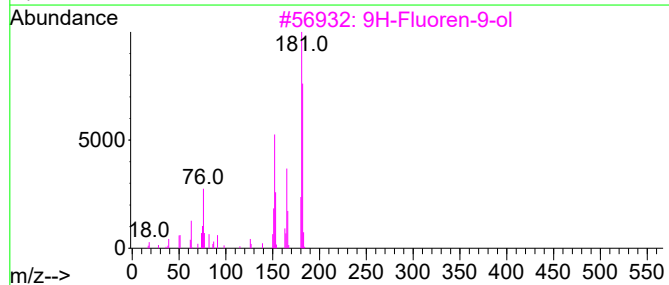
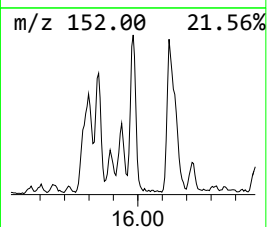
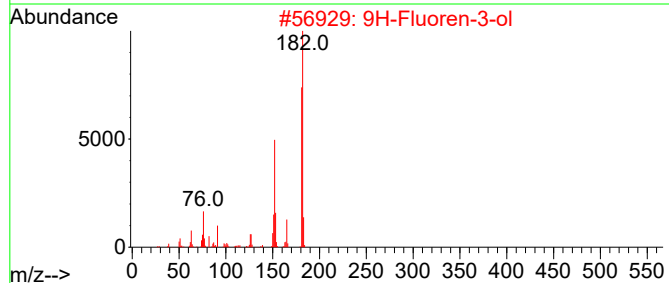
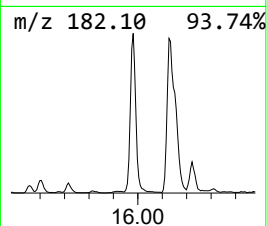
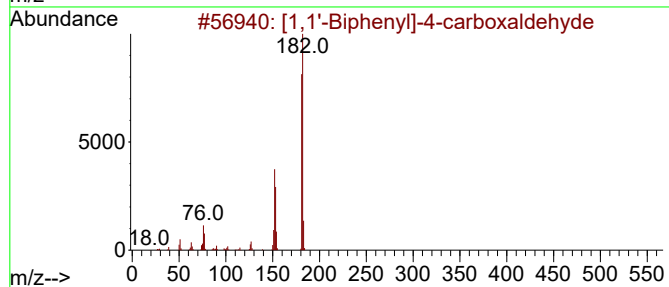
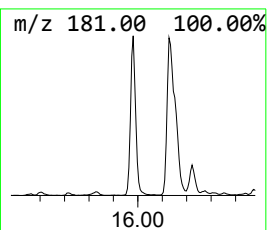
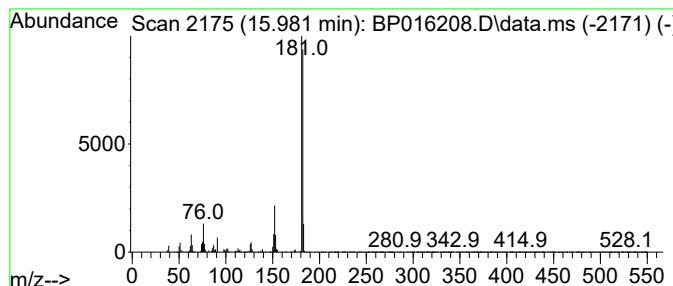
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Quant Title : SVOA CALIBRATION

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

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Peak Number 30 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 26

| R.T.      | EstConc                          | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|--------|------------------|-------------|------|
| 15.981    | 6.65 ng/ul                       | 691011 | Acenaphthene-d10 | 14.616      |      |
| Hit# of 5 | Tentative ID                     | MW     | MolForm          | CAS#        | Qual |
| 1         | [1,1'-Biphenyl]-4-carboxaldehyde | 182    | C13H10O          | 003218-36-8 | 87   |
| 2         | 9H-Fluoren-3-ol                  | 182    | C13H10O          | 006344-67-8 | 81   |
| 3         | 9H-Fluoren-9-ol                  | 182    | C13H10O          | 001689-64-1 | 78   |
| 4         | [1,1'-Biphenyl]-4-carboxaldehyde | 182    | C13H10O          | 003218-36-8 | 78   |
| 5         | 9H-Fluoren-9-ol                  | 182    | C13H10O          | 001689-64-1 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

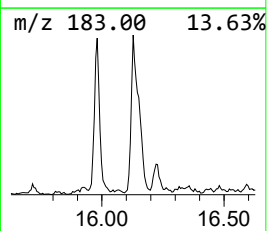
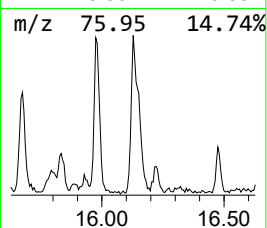
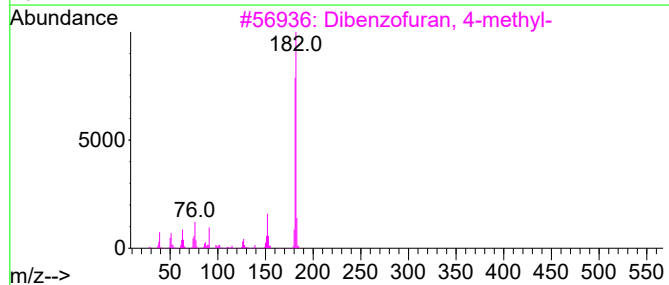
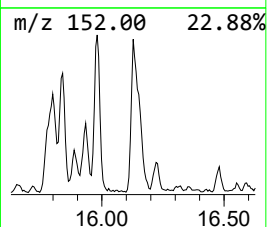
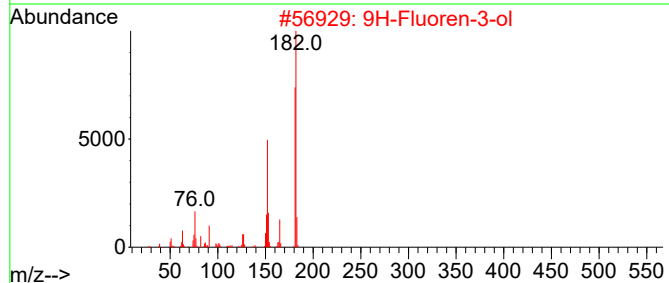
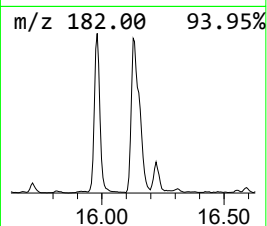
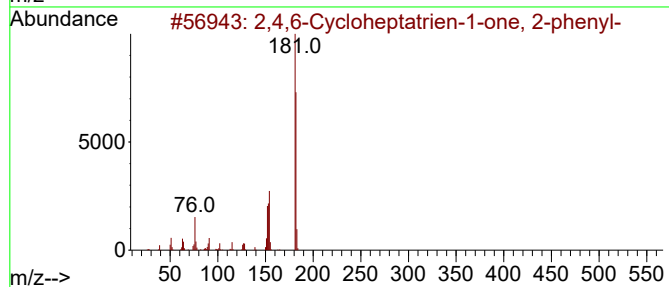
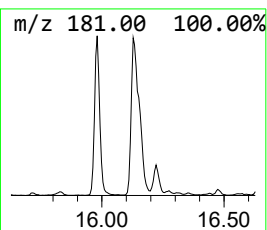
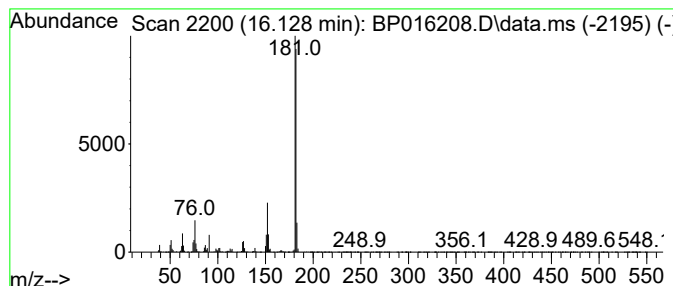
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 31 2,4,6-Cycloheptatrien-1-one... Concentration Rank 21

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 16.128 | 8.75 ng/ul | 1090610 | Phenanthrene-d10 | 17.381 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O      | 014562-09-5 | 91      |      |      |
| 2    | 9H-Fluoren-3-ol                     | 182 | C13H10O      | 006344-67-8 | 91      |      |      |
| 3    | Dibenzofuran, 4-methyl-             | 182 | C13H10O      | 007320-53-8 | 89      |      |      |
| 4    | [1,1'-Biphenyl]-4-carboxaldehyde    | 182 | C13H10O      | 003218-36-8 | 87      |      |      |
| 5    | 9H-Fluoren-9-ol                     | 182 | C13H10O      | 001689-64-1 | 78      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

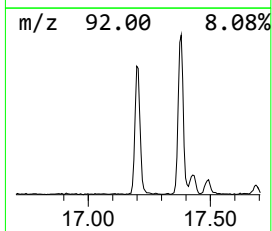
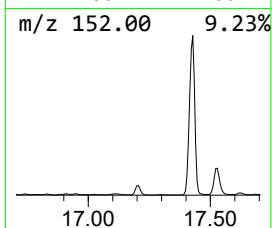
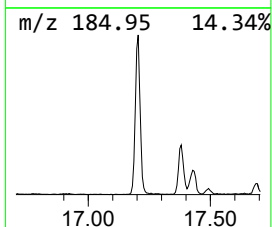
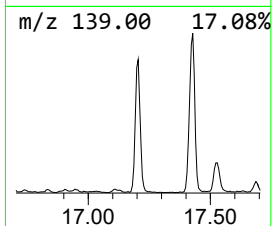
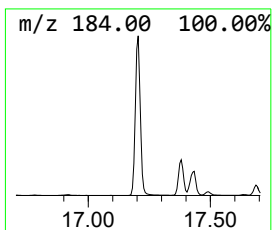
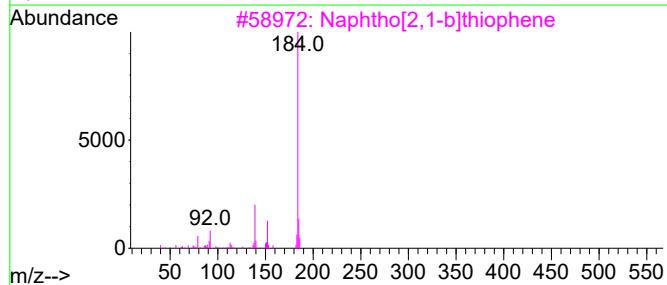
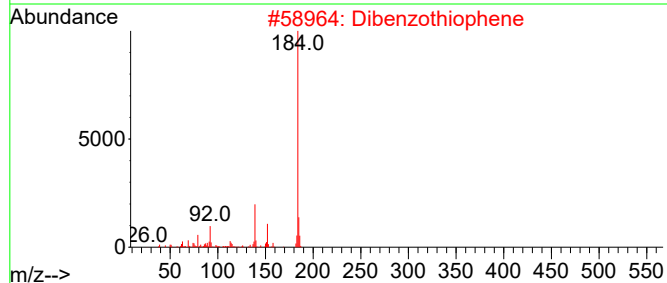
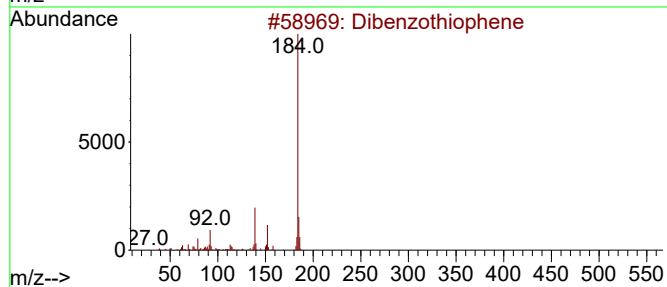
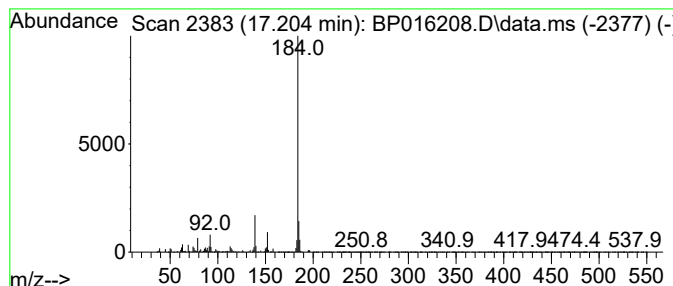
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TIC Integration Parameters: LSCINT.P

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Peak Number 35 Dibenzothiophene Concentration Rank 13

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.204 | 12.08 ng/ul | 1505240 | Phenanthrene-d10 | 17.381 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 97   |
| 2    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 97   |
| 3    |    |   | Naphtho[2,1-b]thiophene | 184 | C12H8S  | 000233-02-3 | 97   |
| 4    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 96   |
| 5    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

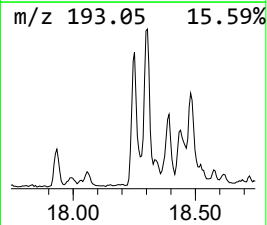
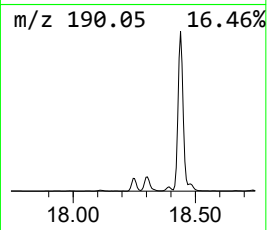
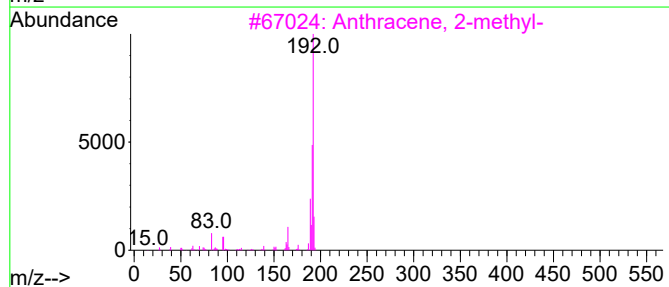
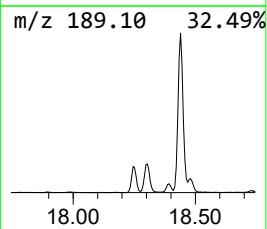
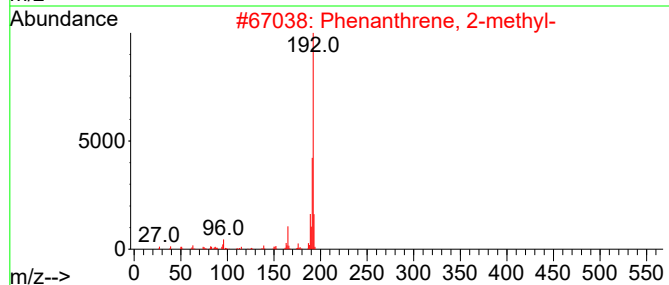
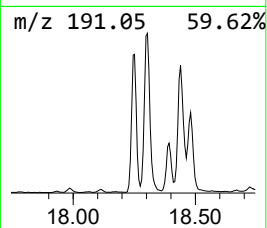
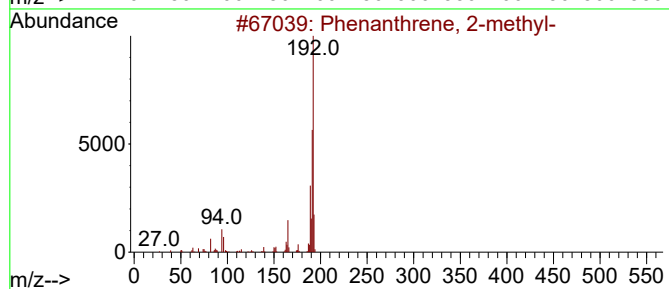
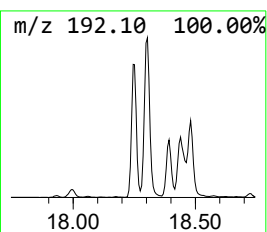
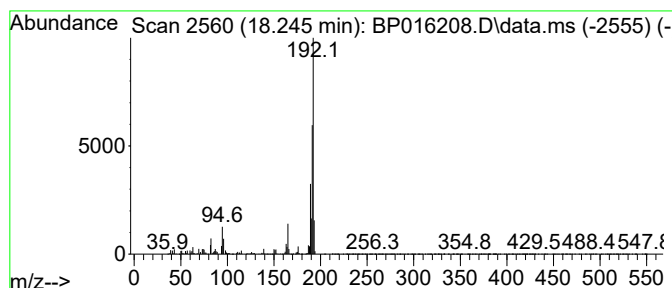
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 37 Phenanthrene, 2-methyl- Concentration Rank 18

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.245 | 10.51 ng/ul | 1310230 | Phenanthrene-d10 | 17.381 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 97   |
| 2    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 96   |
| 3    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 96   |
| 4    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 96   |
| 5    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

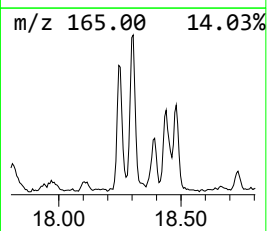
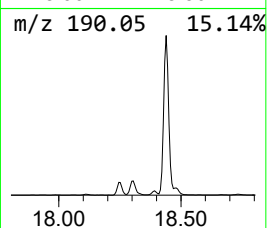
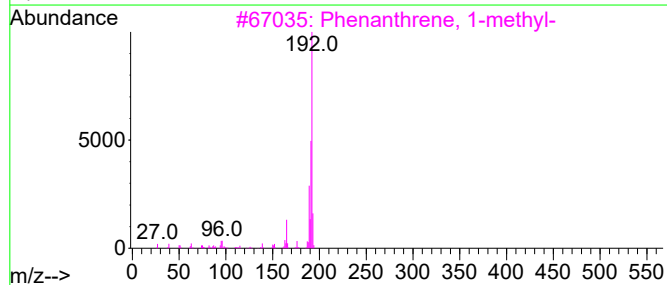
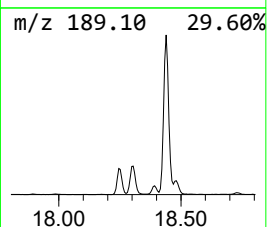
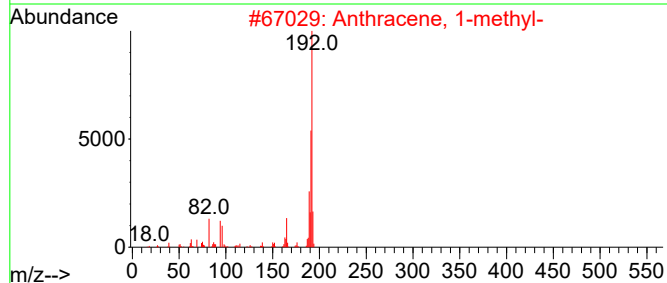
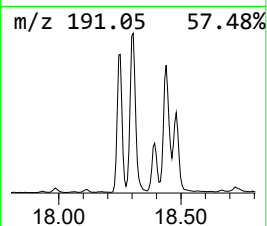
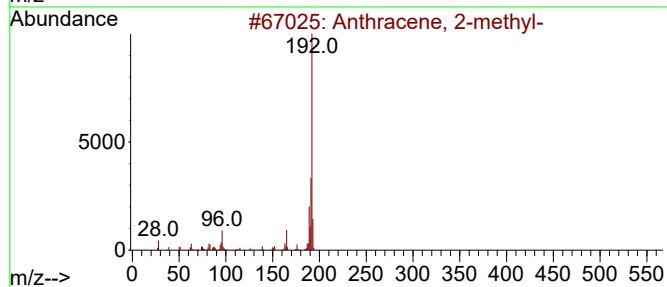
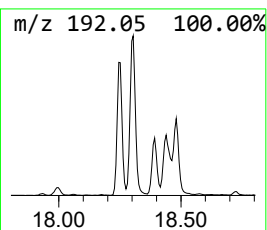
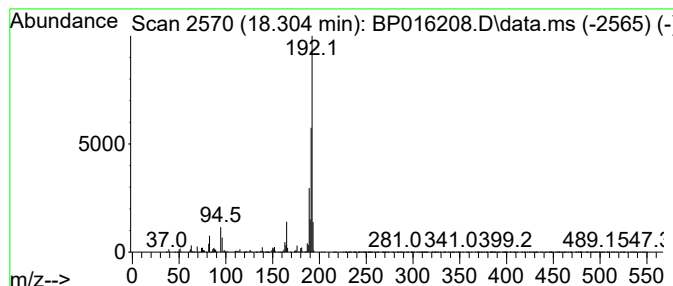
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 38 Anthracene, 2-methyl- Concentration Rank 11

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.304 | 13.79 ng/ul | 1718100 | Phenanthrene-d10 | 17.381 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 95   |
| 2    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 93   |
| 3    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 93   |
| 4    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 93   |
| 5    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

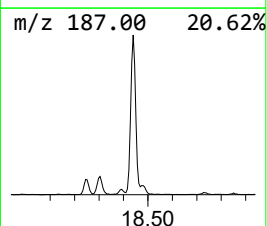
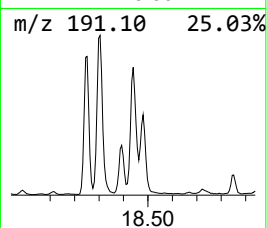
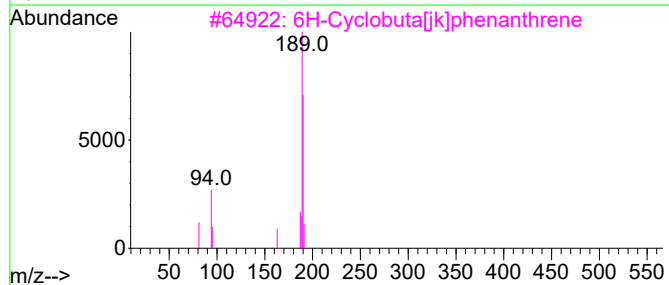
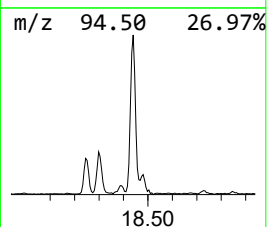
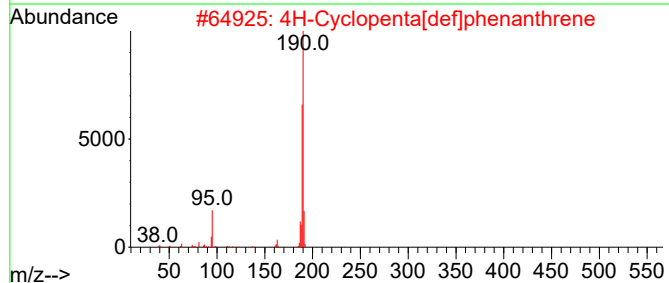
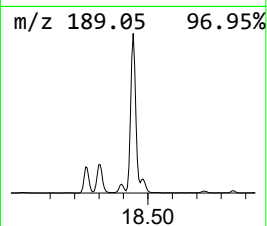
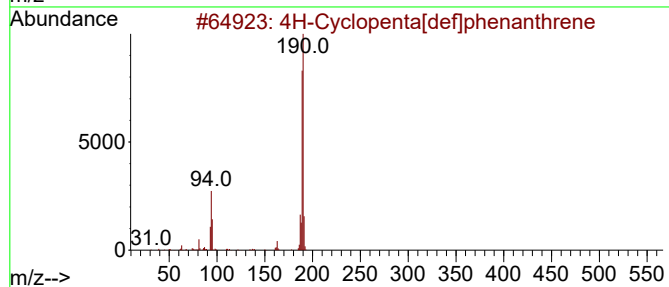
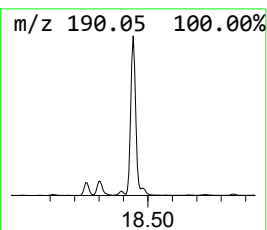
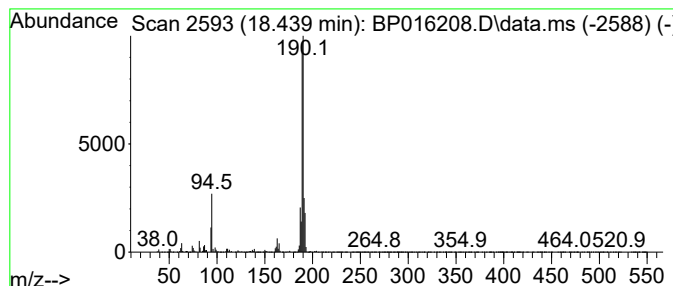
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 40 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.439 | 24.48 ng/ul | 3050380 | Phenanthrene-d10 | 17.381 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10  | 000203-64-5 | 93   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10  | 000203-64-5 | 68   |
| 3    |    |   | 6H-Cyclobuta[jk]phenanthrene   | 190 | C15H10  | 083469-43-6 | 64   |
| 4    |    |   | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10  | 000203-64-5 | 55   |
| 5    |    |   | Methyl diselenide              | 190 | C2H6Se2 | 007101-31-7 | 41   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

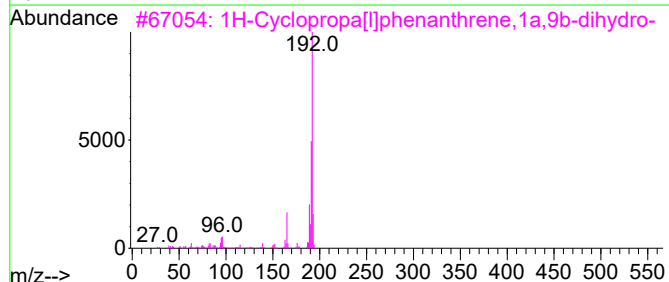
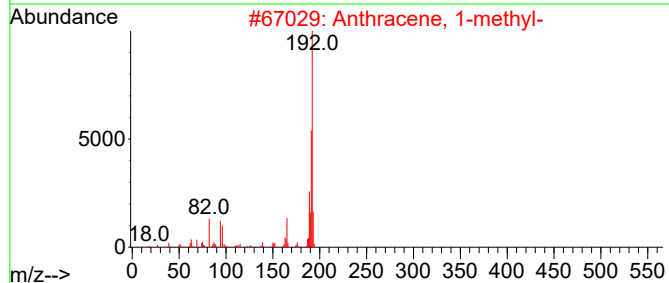
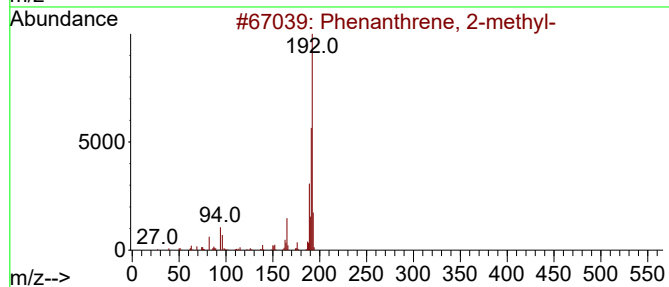
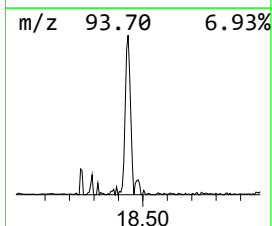
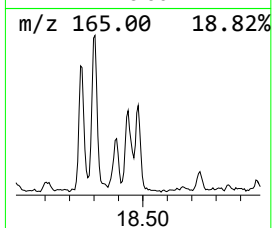
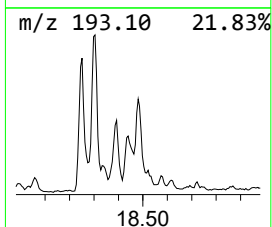
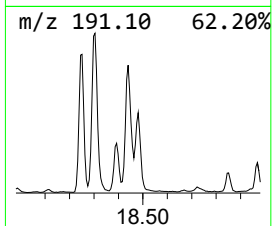
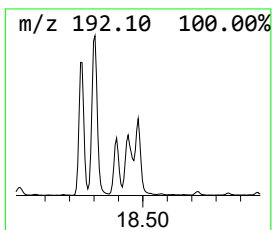
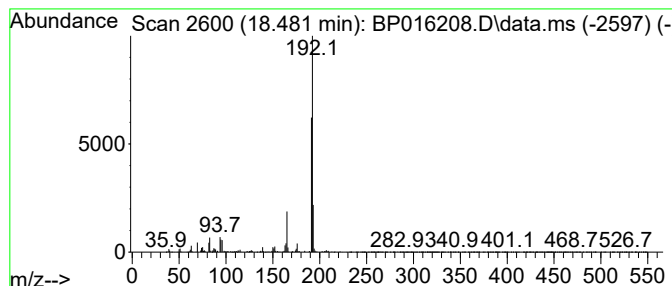
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 41 1H-Cyclopropa[l]phenanthren... Concentration Rank 31

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.480 | 6.04 ng/ul | 752319 | Phenanthrene-d10 | 17.381 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 90   |
| 2    |    |   | Anthracene, 1-methyl-               | 192 | C15H12  | 000610-48-0 | 90   |
| 3    |    |   | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 90   |
| 4    |    |   | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 90   |
| 5    |    |   | 1H-Indene, 2-phenyl-                | 192 | C15H12  | 004505-48-0 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

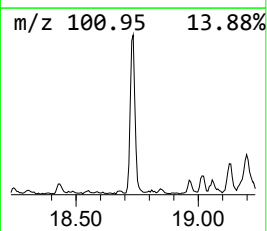
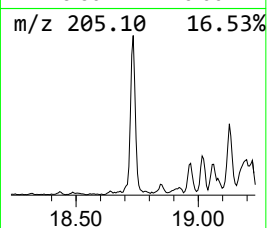
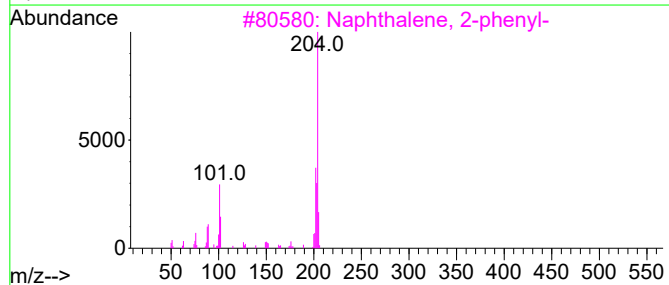
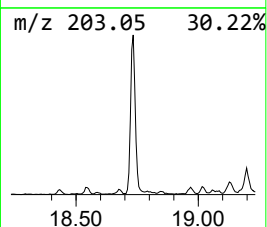
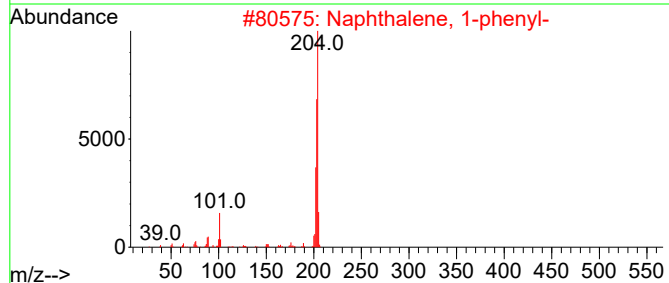
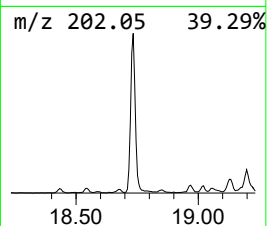
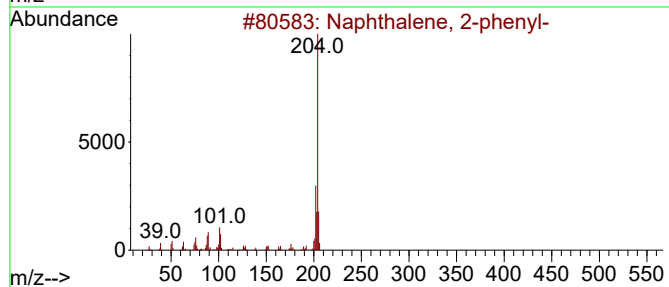
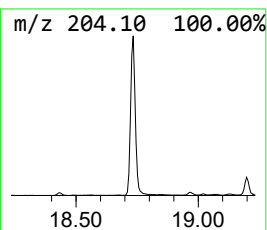
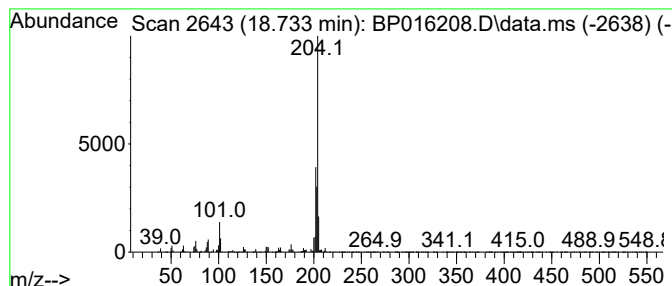
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Quant Title : SVOA CALIBRATION

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

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Peak Number 42 Naphthalene, 2-phenyl- Concentration Rank 22

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.733 | 8.64 ng/ul | 1076280 | Phenanthrene-d10 | 17.381 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Naphthalene, 2-phenyl-              | 204 | C16H12  | 000612-94-2 | 83   |
| 2    |      | Naphthalene, 1-phenyl-              | 204 | C16H12  | 000605-02-7 | 78   |
| 3    |      | Naphthalene, 2-phenyl-              | 204 | C16H12  | 000612-94-2 | 64   |
| 4    |      | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12  | 006572-60-7 | 62   |
| 5    |      | Naphthalene, 2-phenyl-              | 204 | C16H12  | 000612-94-2 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
Data File : BP016208.D  
Acq On : 13 Jul 2023 14:57  
Operator : MA/JU  
Sample : 03385-01ME 5X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION

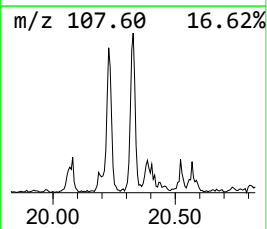
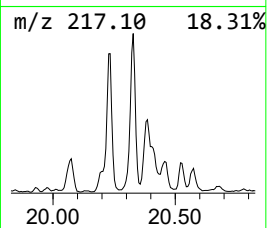
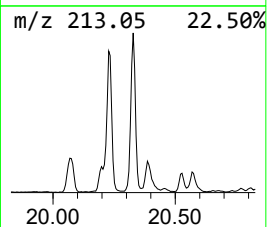
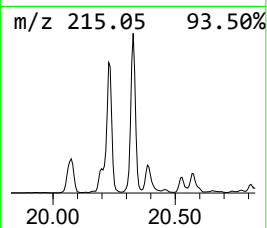
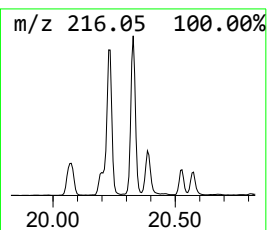
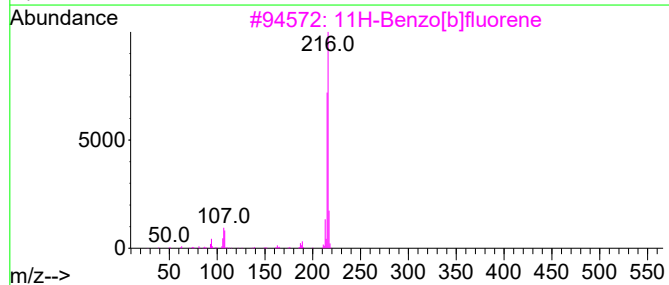
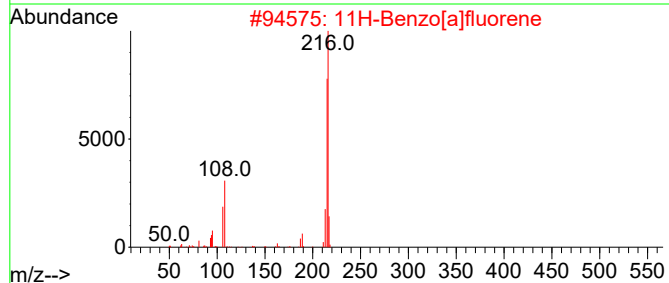
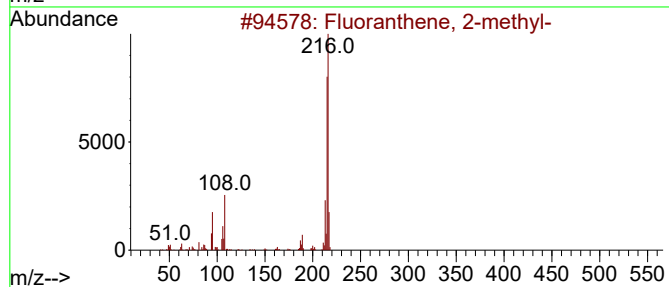
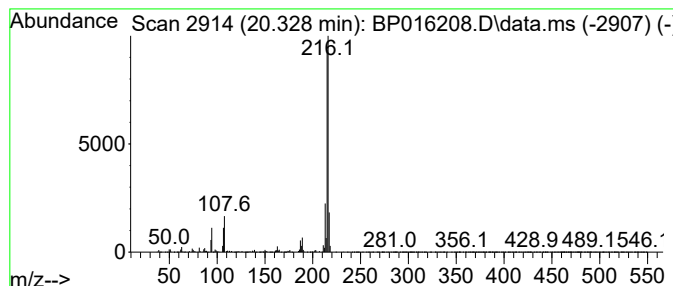
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 46 Fluoranthene, 2-methyl- Concentration Rank 33

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 20.328 | 4.62 ng/ul | 2526380 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 94   |
| 2    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 91   |
| 3    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 90   |
| 4    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 81   |
| 5    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071323\  
 Data File : BP016208.D  
 Acq On : 13 Jul 2023 14:57  
 Operator : MA/JU  
 Sample : 03385-01ME 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EX7X7ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.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 |
| 2-Butenal, 2-me... | 3.722  | 12.4    | ng/ul | 405226   | 1                     | 7.975  | 654863   | 20.0 |
| 2H-Pyran, tetra... | 3.834  | 11.2    | ng/ul | 367934   | 1                     | 7.975  | 654863   | 20.0 |
| Prenol             | 4.058  | 32.6    | ng/ul | 1066890  | 1                     | 7.975  | 654863   | 20.0 |
| 2-Butenal, 3-me... | 4.240  | 14.3    | ng/ul | 466858   | 1                     | 7.975  | 654863   | 20.0 |
| 2-Butene, 1-bro... | 4.293  | 45.3    | ng/ul | 1482550  | 1                     | 7.975  | 654863   | 20.0 |
| unknown-01         | 4.446  | 8.3     | ng/ul | 271853   | 1                     | 7.975  | 654863   | 20.0 |
| unknown-02         | 4.587  | 6.5     | ng/ul | 212337   | 1                     | 7.975  | 654863   | 20.0 |
| Formic acid, 1-... | 4.628  | 55.2    | ng/ul | 1807340  | 1                     | 7.975  | 654863   | 20.0 |
| Cyclopentane, b... | 4.717  | 34.5    | ng/ul | 1128210  | 1                     | 7.975  | 654863   | 20.0 |
| Guanidine, mono... | 5.128  | 10.0    | ng/ul | 326487   | 1                     | 7.975  | 654863   | 20.0 |
| 2-Cyclohexen-1-ol  | 5.834  | 24.5    | ng/ul | 802788   | 1                     | 7.975  | 654863   | 20.0 |
| 2-Buten-1-ol, 3... | 6.246  | 9.1     | ng/ul | 298630   | 1                     | 7.975  | 654863   | 20.0 |
| Ethane, 1,1,2,2... | 6.340  | 10.7    | ng/ul | 351674   | 1                     | 7.975  | 654863   | 20.0 |
| 2-Cyclohexen-1-one | 6.587  | 39.4    | ng/ul | 1291110  | 1                     | 7.975  | 654863   | 20.0 |
| unknown-03         | 7.705  | 6.7     | ng/ul | 217595   | 1                     | 7.975  | 654863   | 20.0 |
| unknown-04         | 8.187  | 11.5    | ng/ul | 375600   | 1                     | 7.975  | 654863   | 20.0 |
| 2-Chlorocyclohe... | 8.275  | 67.6    | ng/ul | 2212300  | 1                     | 7.975  | 654863   | 20.0 |
| (DEL) Alkane: S... | 9.299  | 6.5     | ng/ul | 212635   | 1                     | 7.975  | 654863   | 20.0 |
| Benzo[c]thiophene  | 10.969 | 6.9     | ng/ul | 375912   | 2                     | 10.781 | 1086190  | 20.0 |
| Naphthalene, 1-... | 13.657 | 4.4     | ng/ul | 452674   | 3                     | 14.616 | 2078540  | 20.0 |
| Naphthalene, 2,... | 13.945 | 6.9     | ng/ul | 715193   | 3                     | 14.616 | 2078540  | 20.0 |
| Fluorene, 2,4a-... | 15.834 | 6.2     | ng/ul | 646729   | 3                     | 14.616 | 2078540  | 20.0 |
| [1,1'-Biphenyl]... | 15.981 | 6.7     | ng/ul | 691011   | 3                     | 14.616 | 2078540  | 20.0 |
| 2,4,6-Cyclohept... | 16.128 | 8.8     | ng/ul | 1090610  | 4                     | 17.381 | 2492440  | 20.0 |
| Dibenzothiophene   | 17.204 | 12.1    | ng/ul | 1505240  | 4                     | 17.381 | 2492440  | 20.0 |
| Phenanthrene, 2... | 18.245 | 10.5    | ng/ul | 1310230  | 4                     | 17.381 | 2492440  | 20.0 |
| Anthracene, 2-m... | 18.304 | 13.8    | ng/ul | 1718100  | 4                     | 17.381 | 2492440  | 20.0 |
| 4H-Cyclopenta[d... | 18.439 | 24.5    | ng/ul | 3050380  | 4                     | 17.381 | 2492440  | 20.0 |
| 1H-Cyclopropa[l... | 18.480 | 6.0     | ng/ul | 752319   | 4                     | 17.381 | 2492440  | 20.0 |
| Naphthalene, 2-... | 18.733 | 8.6     | ng/ul | 1076280  | 4                     | 17.381 | 2492440  | 20.0 |
| Fluoranthene, 2... | 20.328 | 4.6     | ng/ul | 2526380  | 5                     | 21.474 | 10933100 | 20.0 |