

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
 Data File : BP021739.D  
 Acq On : 30 Aug 2024 03:36  
 Operator : RC/JU  
 Sample : P3721-13  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCXZ8

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-BP082324.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP021739.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         | 3.017       | 3             | 5           | 28           | rVB      | 19518128       | 23698156      | 100.00%         | 10.478%       |
| 2         | 3.540       | 91            | 94          | 104          | rBV      | 118003         | 198847        | 0.84%           | 0.088%        |
| 3         | 4.922       | 323           | 329         | 335          | rBV      | 106929         | 163649        | 0.69%           | 0.072%        |
| 4         | 5.887       | 484           | 493         | 501          | rVB2     | 70889          | 140343        | 0.59%           | 0.062%        |
| 5         | 6.064       | 516           | 523         | 530          | rVB2     | 75761          | 127740        | 0.54%           | 0.056%        |
| 6         | 6.499       | 590           | 597         | 606          | rVB      | 1406958        | 2212206       | 9.33%           | 0.978%        |
| 7         | 6.805       | 643           | 649         | 651          | rBV3     | 55559          | 92888         | 0.39%           | 0.041%        |
| 8         | 6.840       | 651           | 655         | 662          | rVV      | 119282         | 217083        | 0.92%           | 0.096%        |
| 9         | 6.964       | 666           | 676         | 691          | rVB      | 1196956        | 2242881       | 9.46%           | 0.992%        |
| 10        | 7.122       | 696           | 703         | 714          | rVB      | 957636         | 1595097       | 6.73%           | 0.705%        |
| 11        | 7.246       | 718           | 724         | 731          | rBV2     | 71064          | 164893        | 0.70%           | 0.073%        |
| 12        | 7.328       | 731           | 738         | 745          | rVV      | 1174059        | 1892732       | 7.99%           | 0.837%        |
| 13        | 7.393       | 745           | 749         | 758          | rVB3     | 67354          | 130356        | 0.55%           | 0.058%        |
| 14        | 7.622       | 781           | 788         | 798          | rBV5     | 50795          | 128807        | 0.54%           | 0.057%        |
| 15        | 7.793       | 809           | 817         | 824          | rBV      | 1913023        | 3221532       | 13.59%          | 1.424%        |
| 16        | 8.022       | 849           | 856         | 861          | rVV6     | 49408          | 120244        | 0.51%           | 0.053%        |
| 17        | 8.493       | 925           | 936         | 944          | rBV      | 1290571        | 2151255       | 9.08%           | 0.951%        |
| 18        | 8.605       | 949           | 955         | 964          | rVB      | 511603         | 889736        | 3.75%           | 0.393%        |
| 19        | 8.934       | 1003          | 1011        | 1017         | rBV      | 1104719        | 1901863       | 8.03%           | 0.841%        |
| 20        | 8.975       | 1017          | 1018        | 1024         | rVB2     | 89211          | 115907        | 0.49%           | 0.051%        |
| 21        | 9.493       | 1099          | 1106        | 1113         | rBV      | 121447         | 216879        | 0.92%           | 0.096%        |
| 22        | 9.652       | 1127          | 1133        | 1141         | rBV      | 854145         | 1457211       | 6.15%           | 0.644%        |
| 23        | 9.834       | 1156          | 1164        | 1169         | rBV      | 187917         | 377223        | 1.59%           | 0.167%        |
| 24        | 9.899       | 1169          | 1175        | 1185         | rVV5     | 108227         | 242678        | 1.02%           | 0.107%        |
| 25        | 10.010      | 1187          | 1194        | 1202         | rVB      | 66214          | 130047        | 0.55%           | 0.058%        |
| 26        | 10.199      | 1218          | 1226        | 1246         | rBV      | 1284355        | 2554925       | 10.78%          | 1.130%        |
| 27        | 10.357      | 1246          | 1253        | 1263         | rVB3     | 67091          | 167223        | 0.71%           | 0.074%        |
| 28        | 10.475      | 1268          | 1273        | 1279         | rVV2     | 66128          | 115338        | 0.49%           | 0.051%        |
| 29        | 10.575      | 1282          | 1290        | 1303         | rVV      | 2669974        | 4699160       | 19.83%          | 2.078%        |
| 30        | 10.710      | 1303          | 1313        | 1325         | rVB3     | 93297          | 284859        | 1.20%           | 0.126%        |
| 31        | 11.116      | 1374          | 1382        | 1394         | rBV      | 194621         | 606731        | 2.56%           | 0.268%        |
| 32        | 11.316      | 1410          | 1416        | 1422         | rBV      | 215480         | 453830        | 1.92%           | 0.201%        |
| 33        | 13.169      | 1725          | 1731        | 1736         | rBV2     | 108465         | 189729        | 0.80%           | 0.084%        |
| 34        | 13.334      | 1755          | 1759        | 1765         | rVB3     | 68402          | 123541        | 0.52%           | 0.055%        |
| 35        | 13.698      | 1816          | 1821        | 1830         | rBV4     | 57199          | 104878        | 0.44%           | 0.046%        |
| 36        | 13.834      | 1837          | 1844        | 1852         | rBV      | 2362597        | 3507129       | 14.80%          | 1.551%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

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Filtering: 5

Sampling : 1

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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-BP082324.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 14.122 | 1883 | 1893 | 1901 | rBV  | 2678997 | 4283645 | 18.08% | 1.894% |
| 38 | 14.281 | 1914 | 1920 | 1926 | rVB4 | 62978   | 125657  | 0.53%  | 0.056% |
| 39 | 14.428 | 1938 | 1945 | 1952 | rBV  | 4211252 | 6335514 | 26.73% | 2.801% |
| 40 | 14.510 | 1955 | 1959 | 1966 | rVV4 | 54794   | 106942  | 0.45%  | 0.047% |
| 41 | 14.640 | 1974 | 1981 | 1998 | rBV  | 1185481 | 2287967 | 9.65%  | 1.012% |
| 42 | 14.781 | 2000 | 2005 | 2012 | rVB  | 110414  | 170355  | 0.72%  | 0.075% |
| 43 | 14.857 | 2012 | 2018 | 2022 | rBV  | 146516  | 234180  | 0.99%  | 0.104% |
| 44 | 15.245 | 2078 | 2084 | 2090 | rVB5 | 46776   | 94659   | 0.40%  | 0.042% |
| 45 | 15.387 | 2102 | 2108 | 2111 | rBV6 | 54020   | 112357  | 0.47%  | 0.050% |
| 46 | 15.440 | 2111 | 2117 | 2124 | rVB  | 3529690 | 5264523 | 22.21% | 2.328% |
| 47 | 15.551 | 2129 | 2136 | 2144 | rBV  | 776078  | 1169491 | 4.93%  | 0.517% |
| 48 | 16.339 | 2265 | 2270 | 2275 | rBV5 | 75257   | 143805  | 0.61%  | 0.064% |
| 49 | 16.622 | 2311 | 2318 | 2323 | rBV4 | 102350  | 233094  | 0.98%  | 0.103% |
| 50 | 16.875 | 2357 | 2361 | 2369 | rVB  | 145780  | 260820  | 1.10%  | 0.115% |
| 51 | 17.134 | 2400 | 2405 | 2413 | rBV  | 178786  | 354672  | 1.50%  | 0.157% |
| 52 | 17.228 | 2413 | 2421 | 2428 | rVV  | 4743361 | 7624486 | 32.17% | 3.371% |
| 53 | 17.334 | 2432 | 2439 | 2449 | rVB  | 3859013 | 5640815 | 23.80% | 2.494% |
| 54 | 17.416 | 2450 | 2453 | 2459 | rVV2 | 82110   | 121705  | 0.51%  | 0.054% |
| 55 | 17.534 | 2469 | 2473 | 2483 | rBV3 | 136493  | 200879  | 0.85%  | 0.089% |
| 56 | 17.892 | 2530 | 2534 | 2538 | rBV3 | 146247  | 222315  | 0.94%  | 0.098% |
| 57 | 18.045 | 2554 | 2560 | 2566 | rVB3 | 128104  | 243130  | 1.03%  | 0.107% |
| 58 | 18.104 | 2567 | 2570 | 2575 | rBV4 | 104018  | 216238  | 0.91%  | 0.096% |
| 59 | 18.163 | 2575 | 2580 | 2593 | rVV  | 2641871 | 4260800 | 17.98% | 1.884% |
| 60 | 18.281 | 2597 | 2600 | 2610 | rVB2 | 336477  | 637273  | 2.69%  | 0.282% |
| 61 | 18.469 | 2629 | 2632 | 2635 | rBV  | 136530  | 187402  | 0.79%  | 0.083% |
| 62 | 18.516 | 2635 | 2640 | 2645 | rVB4 | 459154  | 794858  | 3.35%  | 0.351% |
| 63 | 18.633 | 2654 | 2660 | 2663 | rBV4 | 125086  | 277790  | 1.17%  | 0.123% |
| 64 | 18.675 | 2664 | 2667 | 2674 | rVB4 | 187053  | 262686  | 1.11%  | 0.116% |
| 65 | 18.975 | 2713 | 2718 | 2724 | rBV  | 244004  | 444477  | 1.88%  | 0.197% |
| 66 | 19.028 | 2724 | 2727 | 2730 | rBV2 | 90678   | 119385  | 0.50%  | 0.053% |
| 67 | 19.069 | 2730 | 2734 | 2737 | rBV5 | 117079  | 224977  | 0.95%  | 0.099% |
| 68 | 19.110 | 2737 | 2741 | 2750 | rVV2 | 878582  | 1428642 | 6.03%  | 0.632% |
| 69 | 19.281 | 2767 | 2770 | 2774 | rVB2 | 453663  | 589228  | 2.49%  | 0.261% |
| 70 | 19.375 | 2777 | 2786 | 2797 | rBV  | 2923964 | 5953909 | 25.12% | 2.633% |
| 71 | 19.469 | 2798 | 2802 | 2803 | rBV  | 408925  | 447487  | 1.89%  | 0.198% |
| 72 | 19.498 | 2803 | 2807 | 2818 | rVB  | 1174150 | 1875526 | 7.91%  | 0.829% |
| 73 | 19.586 | 2820 | 2822 | 2824 | rVB  | 156035  | 115315  | 0.49%  | 0.051% |
| 74 | 19.622 | 2824 | 2828 | 2836 | rBV  | 766737  | 1291251 | 5.45%  | 0.571% |
| 75 | 19.698 | 2836 | 2841 | 2847 | rBV  | 3524513 | 5502121 | 23.22% | 2.433% |
| 76 | 20.016 | 2888 | 2895 | 2902 | rVB4 | 714099  | 1443748 | 6.09%  | 0.638% |

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Instrument :  
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 ClientSampleId :  
 DCXZ8

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-BP082324.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |          |        |        |
|-----|--------|------|------|------|------|---------|----------|--------|--------|
| 77  | 20.110 | 2909 | 2911 | 2917 | rVB  | 299368  | 334482   | 1.41%  | 0.148% |
| 78  | 20.169 | 2918 | 2921 | 2925 | rBV2 | 299209  | 422760   | 1.78%  | 0.187% |
| 79  | 20.292 | 2939 | 2942 | 2947 | rBV2 | 455678  | 521784   | 2.20%  | 0.231% |
| 80  | 20.510 | 2975 | 2979 | 2986 | rBV  | 1361859 | 1871740  | 7.90%  | 0.828% |
| 81  | 20.592 | 2989 | 2993 | 2996 | rVV2 | 617249  | 863077   | 3.64%  | 0.382% |
| 82  | 20.627 | 2997 | 2999 | 3004 | rVB2 | 374049  | 434016   | 1.83%  | 0.192% |
| 83  | 20.733 | 3013 | 3017 | 3022 | rVB  | 1133704 | 1660973  | 7.01%  | 0.734% |
| 84  | 20.798 | 3023 | 3028 | 3037 | rVV2 | 1634746 | 2692885  | 11.36% | 1.191% |
| 85  | 21.010 | 3061 | 3064 | 3067 | rBV2 | 321050  | 392084   | 1.65%  | 0.173% |
| 86  | 21.322 | 3109 | 3117 | 3119 | rBV  | 8210511 | 15087677 | 63.67% | 6.671% |
| 87  | 21.345 | 3119 | 3121 | 3134 | rVB  | 6284229 | 9212394  | 38.87% | 4.073% |
| 88  | 21.627 | 3165 | 3169 | 3173 | rBV3 | 693036  | 968016   | 4.08%  | 0.428% |
| 89  | 21.680 | 3173 | 3178 | 3186 | rVV2 | 4779369 | 7602461  | 32.08% | 3.361% |
| 90  | 21.751 | 3187 | 3190 | 3200 | rVB  | 1430196 | 2080623  | 8.78%  | 0.920% |
| 91  | 22.204 | 3264 | 3267 | 3275 | rVB4 | 479604  | 712752   | 3.01%  | 0.315% |
| 92  | 22.627 | 3332 | 3339 | 3354 | rBV  | 9346211 | 18703426 | 78.92% | 8.270% |
| 93  | 23.133 | 3421 | 3425 | 3440 | rVB2 | 1152468 | 2565521  | 10.83% | 1.134% |
| 94  | 24.251 | 3608 | 3615 | 3620 | rBV  | 1873331 | 4516930  | 19.06% | 1.997% |
| 95  | 24.310 | 3620 | 3625 | 3640 | rVB  | 1961901 | 4810897  | 20.30% | 2.127% |
| 96  | 24.857 | 3712 | 3718 | 3727 | rVB  | 1272790 | 3128501  | 13.20% | 1.383% |
| 97  | 25.098 | 3751 | 3759 | 3769 | rVB2 | 2676398 | 7602592  | 32.08% | 3.361% |
| 98  | 26.521 | 3993 | 4001 | 4011 | rVB  | 2051031 | 5274333  | 22.26% | 2.332% |
| 99  | 26.645 | 4013 | 4022 | 4040 | rVB  | 2561233 | 8776079  | 37.03% | 3.880% |
| 100 | 30.845 | 4722 | 4736 | 4737 | rBV2 | 2943215 | 7989958  | 33.72% | 3.533% |

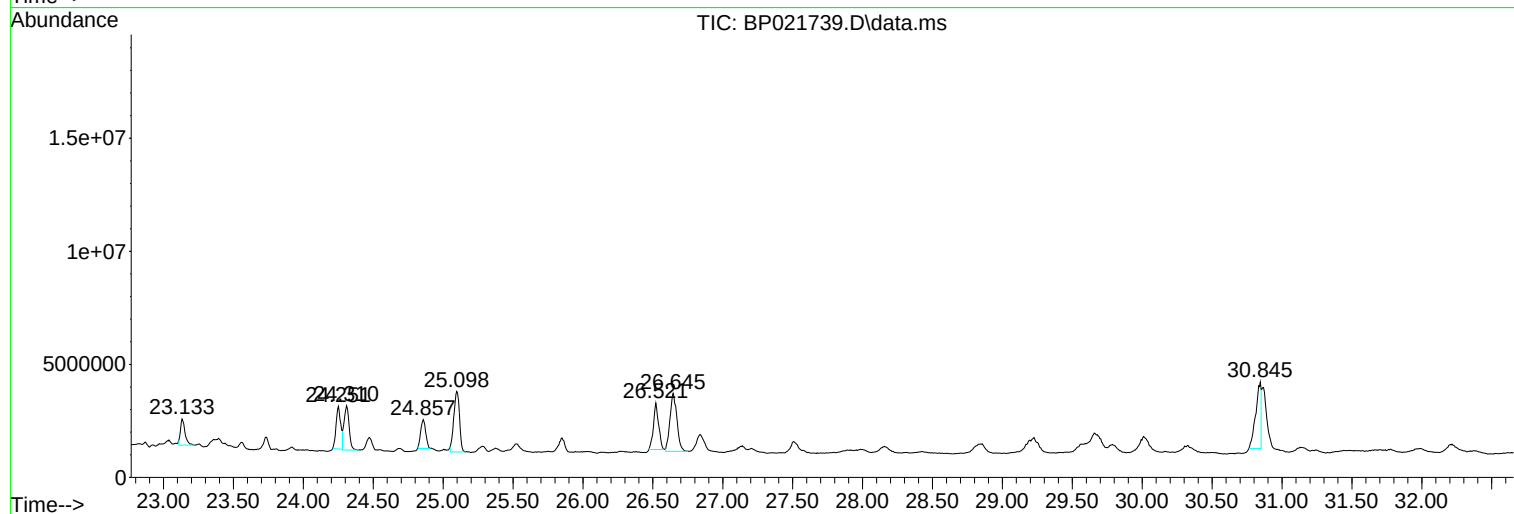
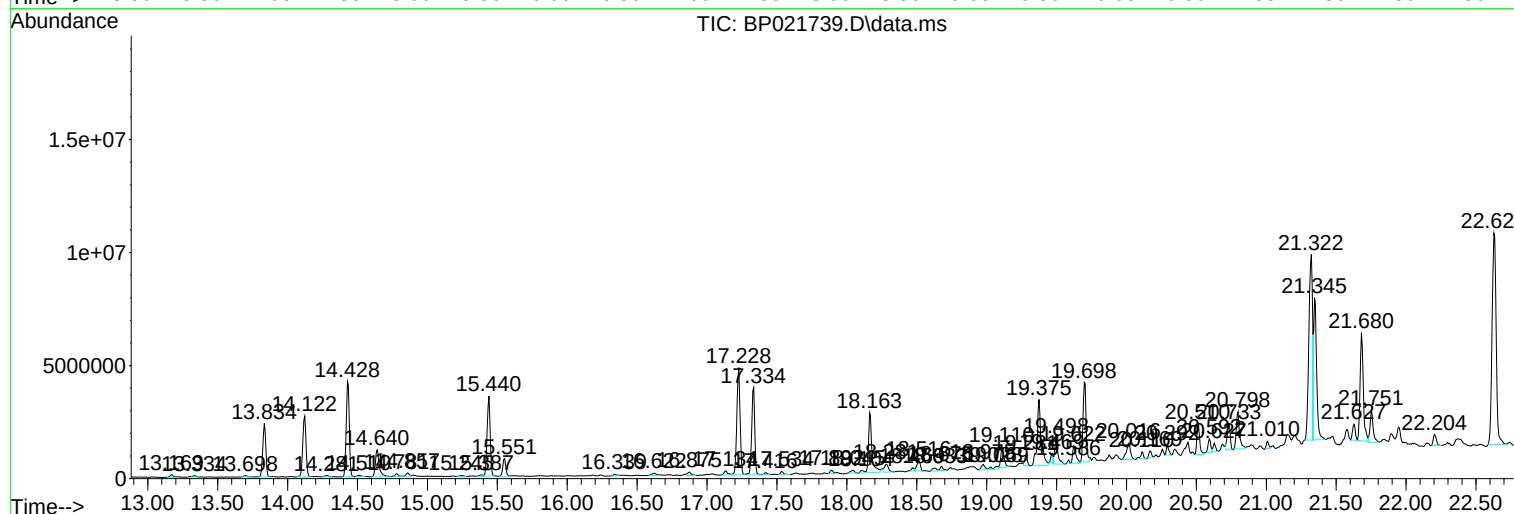
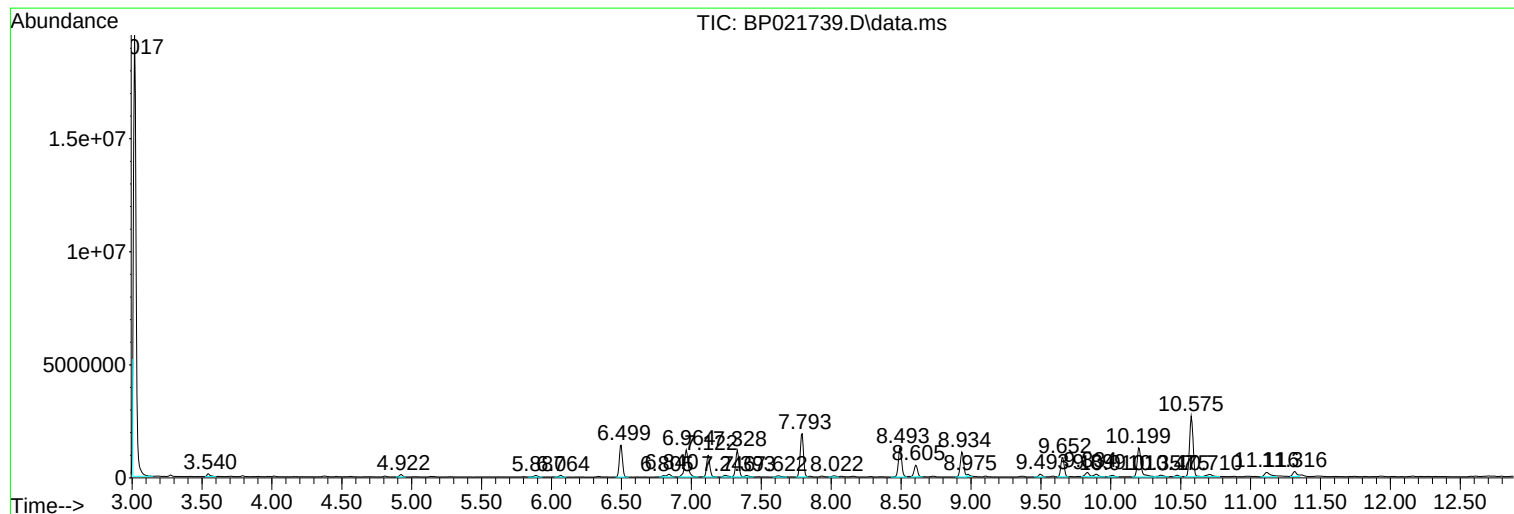
Sum of corrected areas: 226167681

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
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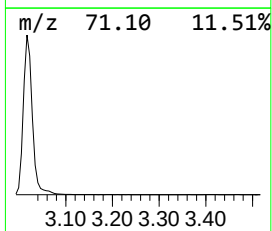
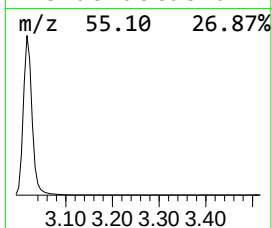
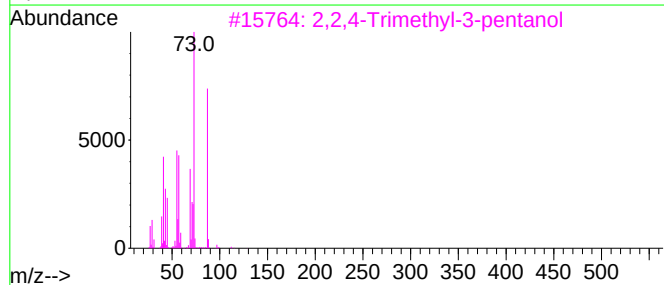
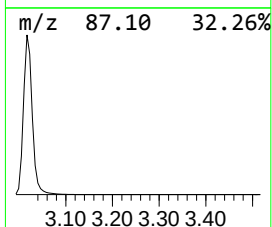
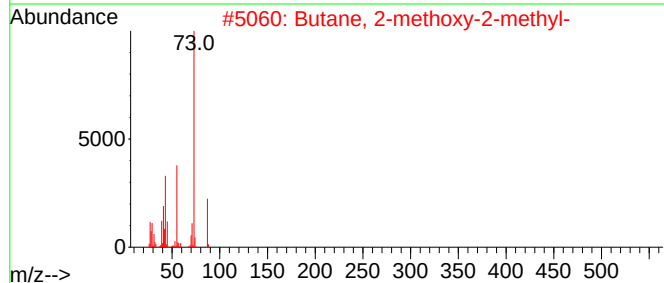
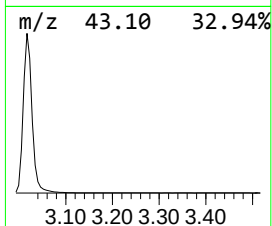
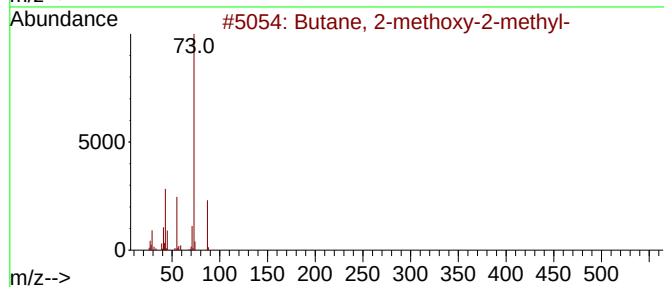
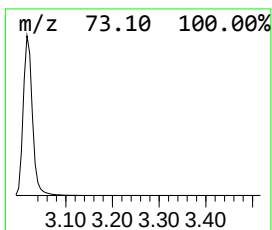
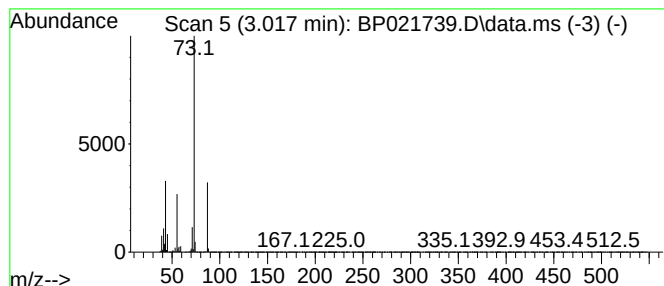
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc      | Area     | Relative to ISTD       | R.T.  |
|-------|--------------|----------|------------------------|-------|
| 3.017 | 147.12 ng/ul | 23698200 | 1,4-Dichlorobenzene-d4 | 7.793 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8 | 78   |
| 2    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8 | 59   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol       | 130 | C8H18O   | 005162-48-1 | 39   |
| 4    |    |   | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 25   |
| 5    |    |   | Pentane, 3-methoxy-              | 102 | C6H14O   | 036839-67-5 | 23   |



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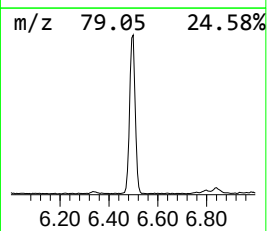
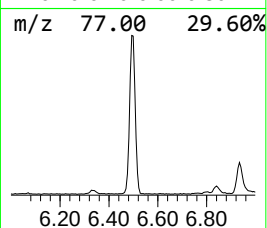
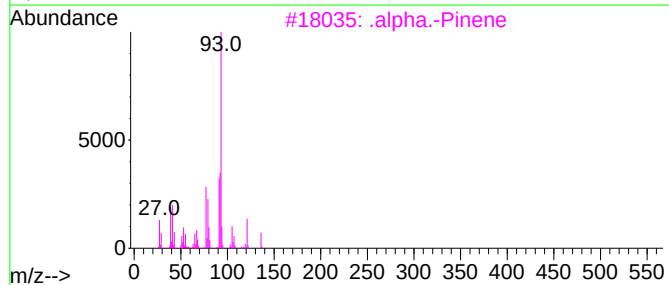
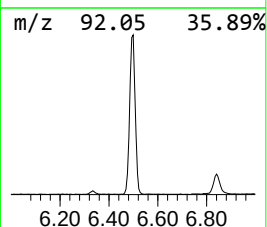
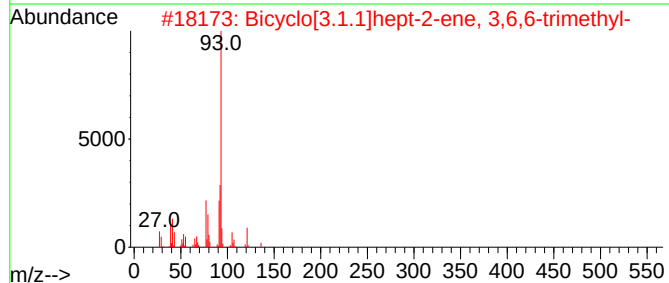
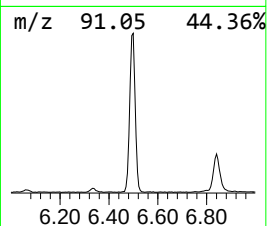
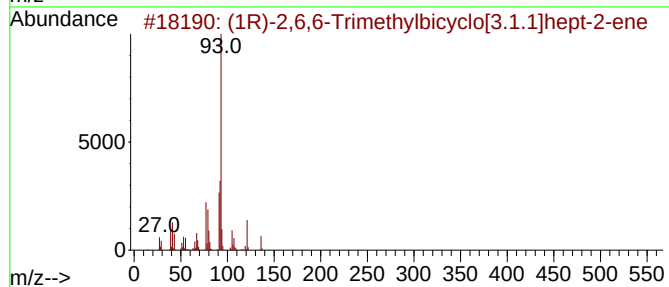
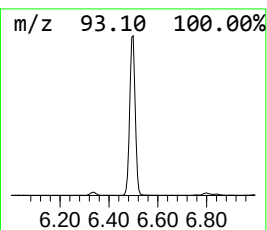
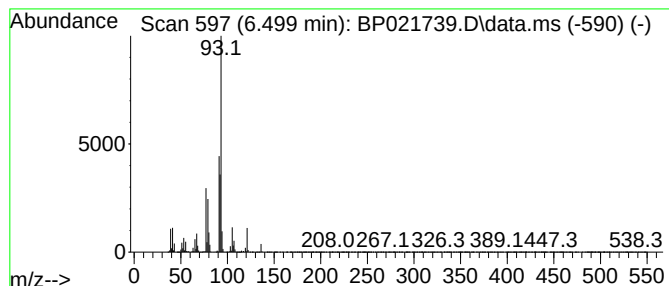
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 6.499 | 13.73 ng/ul | 2212210 | 1,4-Dichlorobenzene-d4 | 7.793 |

| Hit# | of                                                             | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | (1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl- | 136 | C10H16       | 007785-70-8 | 94      |      |      |
| 2    | Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-                     | 136 | C10H16       | 004889-83-2 | 94      |      |      |
| 3    | .alpha.-Pinene                                                 | 136 | C10H16       | 000080-56-8 | 94      |      |      |
| 4    | .alpha.-Pinene                                                 | 136 | C10H16       | 000080-56-8 | 91      |      |      |
| 5    | Tricyclo[2.2.1.0(2,6)]heptane, 1,1,1-trimethyl-                | 136 | C10H16       | 000508-32-7 | 91      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

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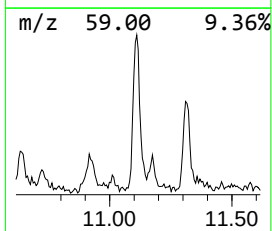
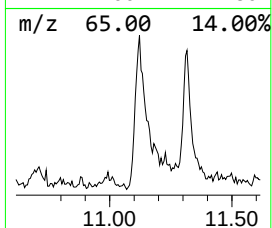
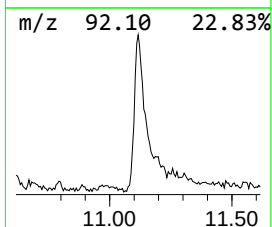
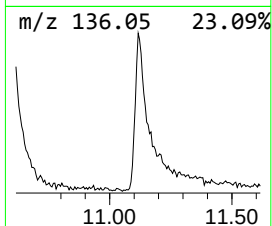
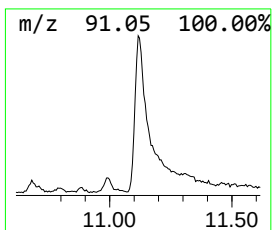
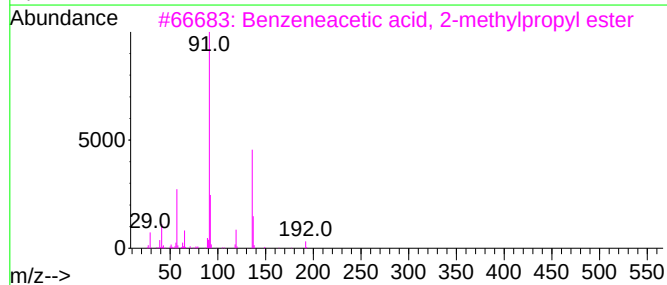
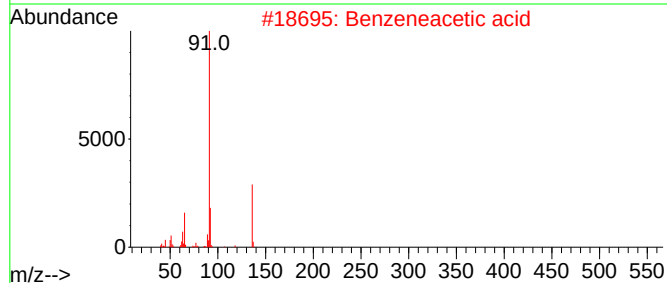
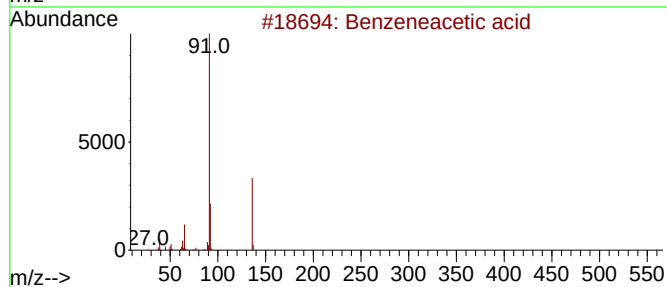
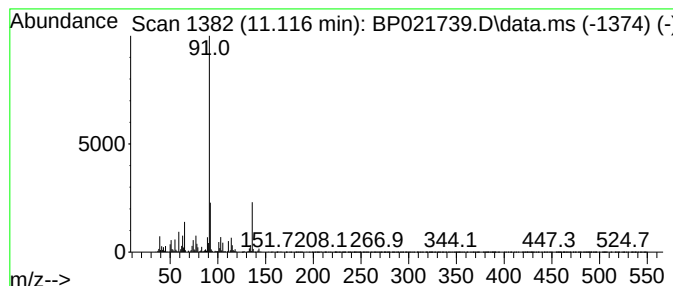
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Benzeneacetic acid Concentration Rank 22

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.116 | 2.58 ng/ul | 606731 | Naphthalene-d8   | 10.575 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzeneacetic acid                  | 136 | C8H8O2   | 000103-82-2 | 62   |
| 2    |    |   | Benzeneacetic acid                  | 136 | C8H8O2   | 000103-82-2 | 53   |
| 3    |    |   | Benzeneacetic acid, 2-methylprop... | 192 | C12H16O2 | 000102-13-6 | 53   |
| 4    |    |   | Benzeneacetic acid                  | 136 | C8H8O2   | 000103-82-2 | 50   |
| 5    |    |   | Benzeneacetic acid                  | 136 | C8H8O2   | 000103-82-2 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
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Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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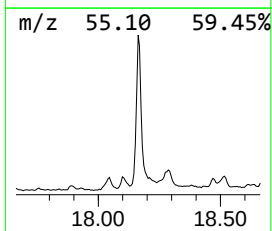
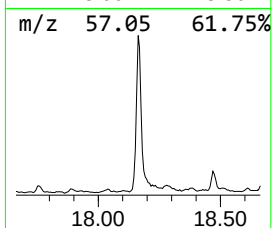
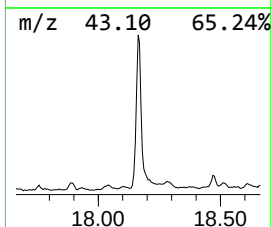
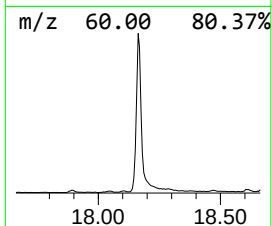
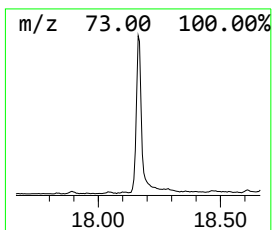
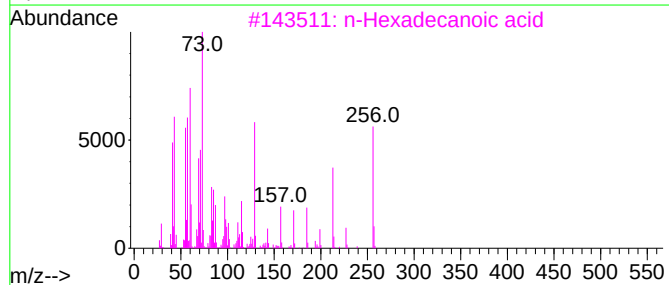
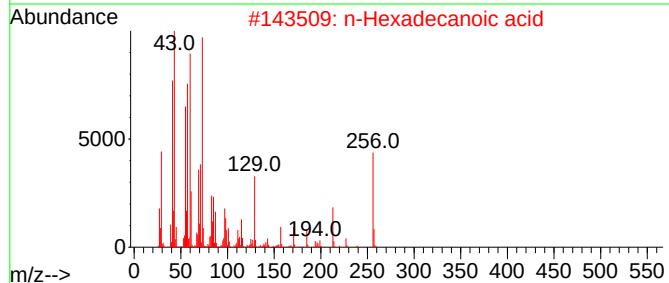
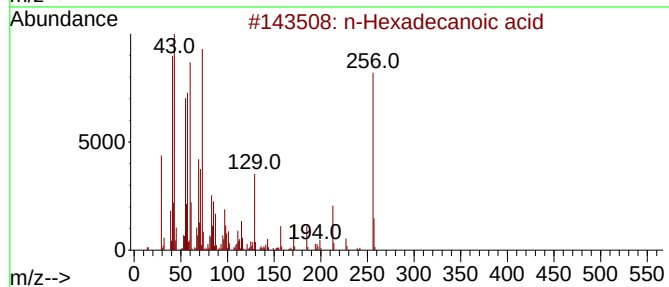
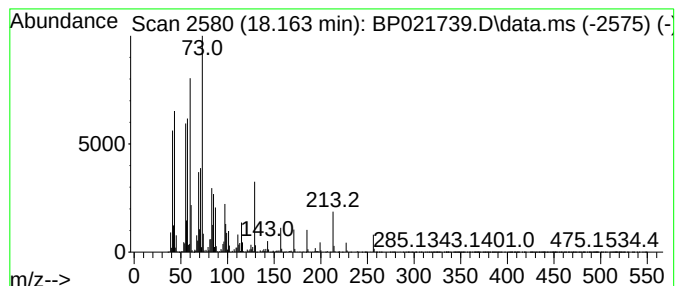
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 12

| R.T.      | EstConc             | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------|---------|------------------|-------------|------|
| 18.163    | 11.18 ng/ul         | 4260800 | Phenanthrene-d10 | 17.228      |      |
| Hit# of 5 | Tentative ID        | MW      | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 99   |
| 2         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 98   |
| 3         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 98   |
| 4         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 95   |
| 5         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 89   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
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Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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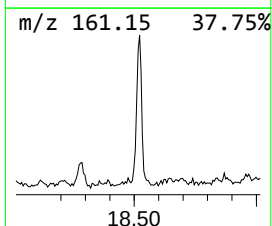
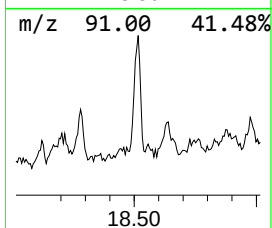
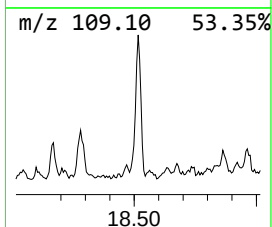
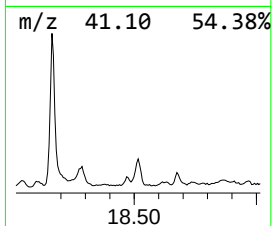
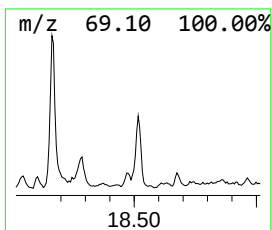
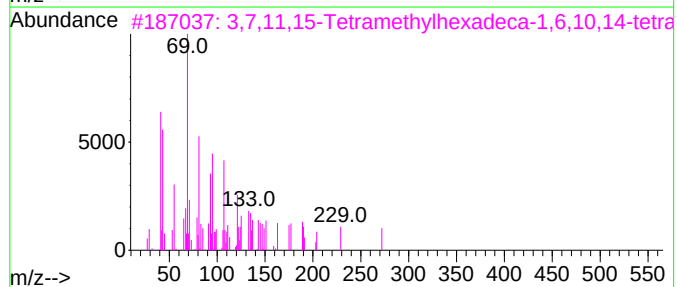
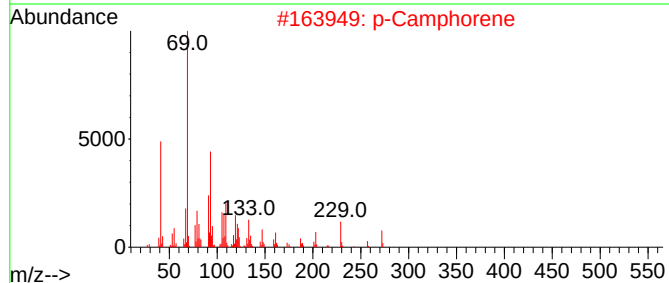
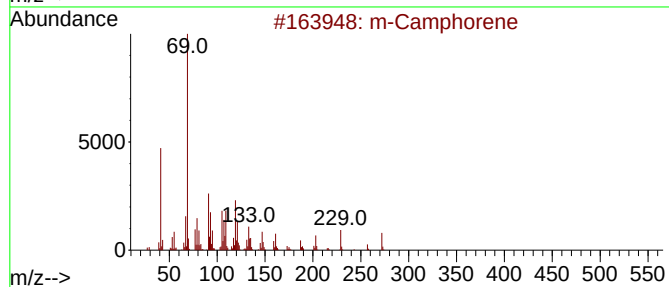
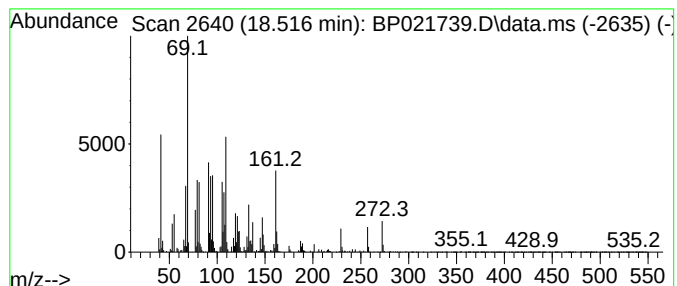
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 m-Camphorene Concentration Rank 25

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.516 | 2.09 ng/ul | 794858 | Phenanthrene-d10 | 17.228 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | m-Camphorene                        | 272 | C20H32  | 020016-73-3  | 55   |
| 2    |    |   | p-Camphorene                        | 272 | C20H32  | 020016-72-2  | 53   |
| 3    |    |   | 3,7,11,15-Tetramethylhexadeca-1,... | 290 | C20H34O | 068931-30-6  | 47   |
| 4    |    |   | .beta.-Bisabolenol                  | 220 | C15H24O | 147126-90-7  | 43   |
| 5    |    |   | 1-Formyl-2,2-dimethyl-3-trans-(3... | 220 | C15H24O | 1000144-09-7 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

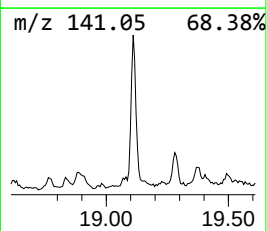
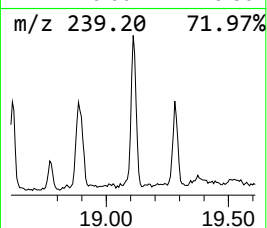
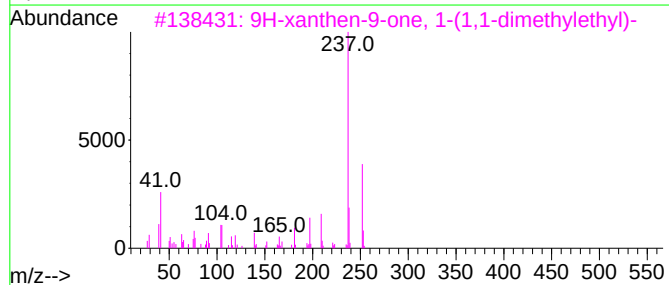
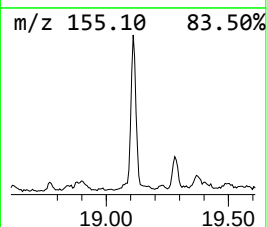
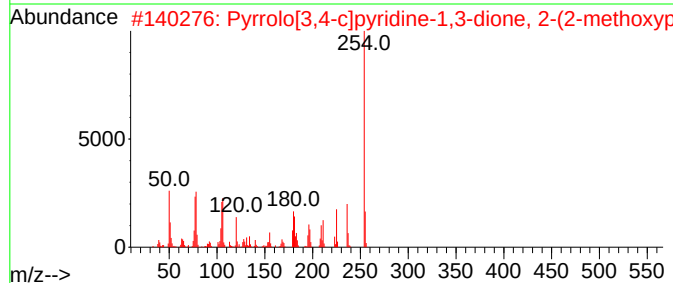
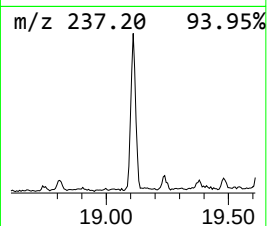
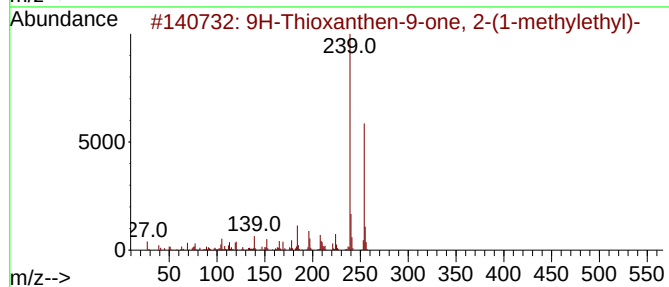
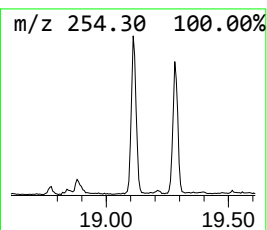
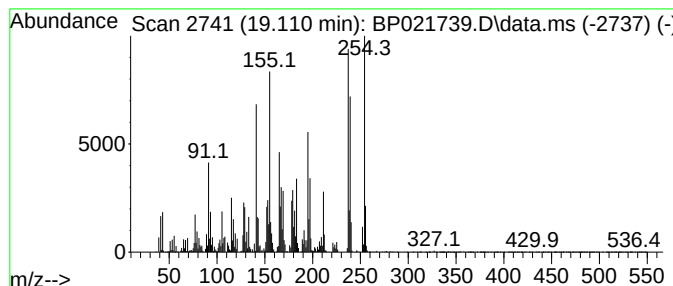
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 unknown-01 Concentration Rank 20

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 19.110 | 3.75 ng/ul | 1428640 | Phenanthrene-d10 | 17.228 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 9H-Thioxanthen-9-one, 2-(1-methy... | 254 | C16H14OS   | 005495-84-1  | 25   |
| 2    |    |   | Pyrrolo[3,4-c]pyridine-1,3-dione... | 254 | C14H10N2O3 | 1000316-41-8 | 25   |
| 3    |    |   | 9H-xanthen-9-one, 1-(1,1-dimethy... | 252 | C17H16O2   | 1000396-66-9 | 25   |
| 4    |    |   | 3,6-Dimethoxy-4-phenanthrol         | 254 | C16H14O3   | 000481-81-2  | 20   |
| 5    |    |   | Harmol, bis(ethyl)-                 | 254 | C16H18N2O  | 1000395-82-7 | 20   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

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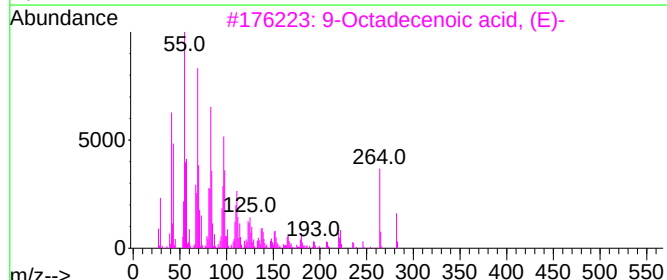
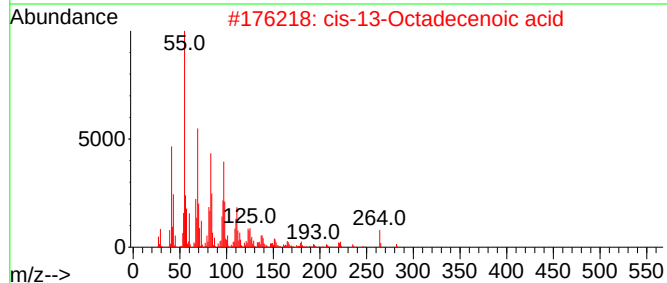
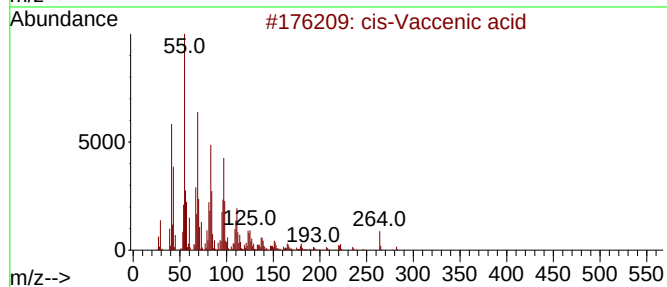
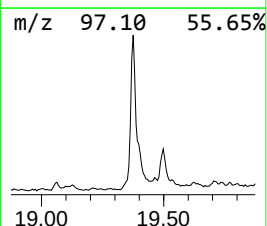
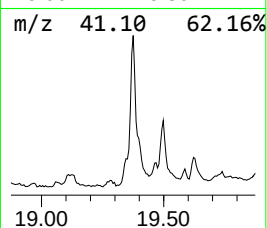
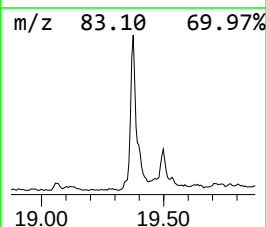
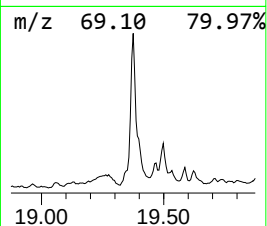
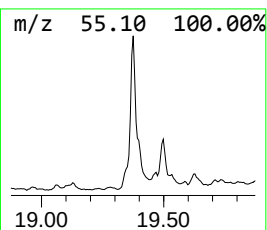
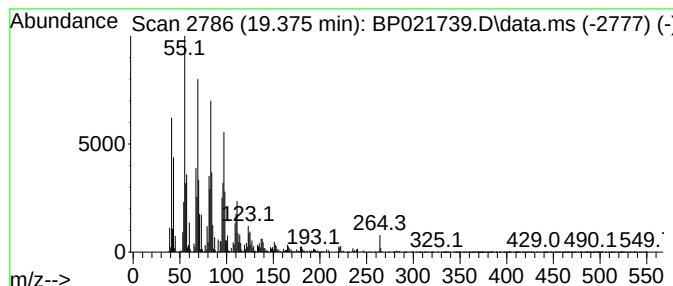
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 cis-Vaccenic acid Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 19.375 | 15.62 ng/ul | 5953910 | Phenanthrene-d10 | 17.228 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | cis-Vaccenic acid         | 282 | C18H34O2 | 000506-17-2 | 97   |
| 2    |    |   | cis-13-Octadecenoic acid  | 282 | C18H34O2 | 013126-39-1 | 92   |
| 3    |    |   | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8 | 92   |
| 4    |    |   | 9-Octadecenoic acid       | 282 | C18H34O2 | 002027-47-6 | 91   |
| 5    |    |   | 6-Octadecenoic acid, (Z)- | 282 | C18H34O2 | 000593-39-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

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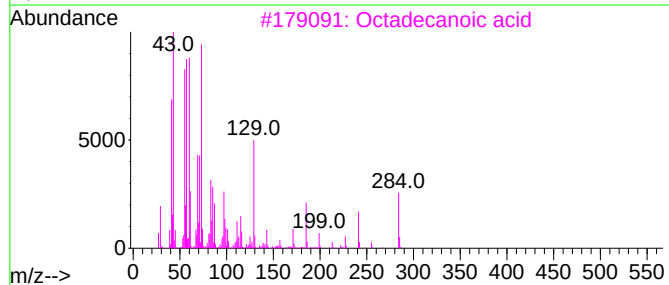
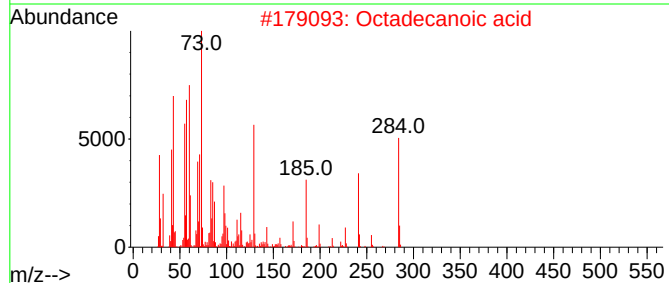
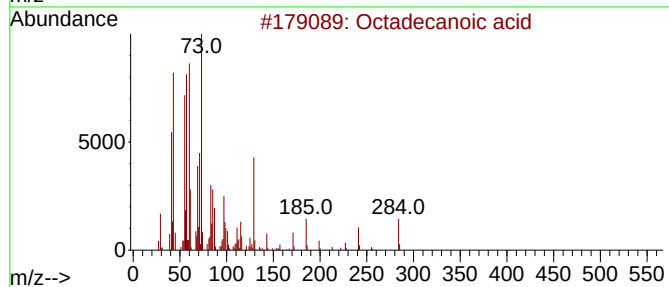
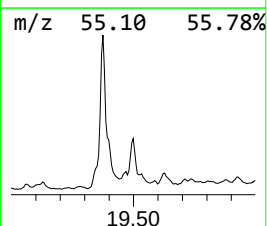
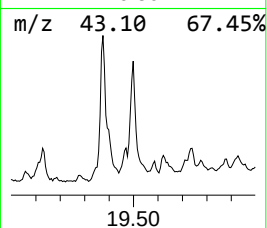
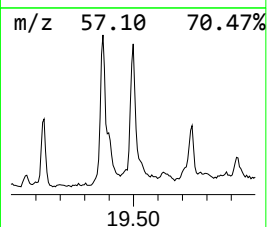
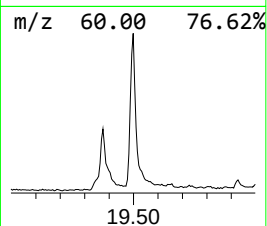
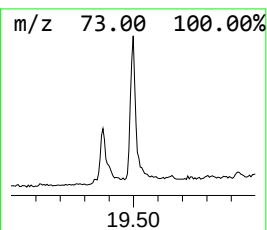
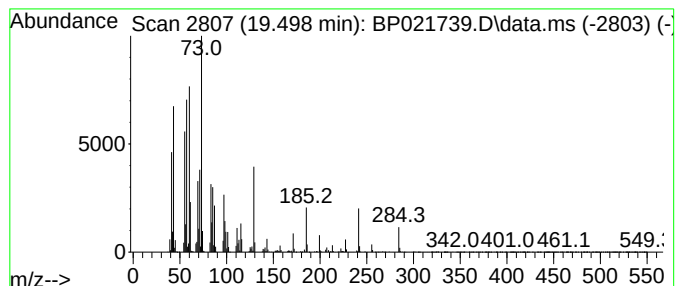
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Octadecanoic acid Concentration Rank 16

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 19.498 | 4.93 ng/ul | 1875530 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99   |
| 4    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 96   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

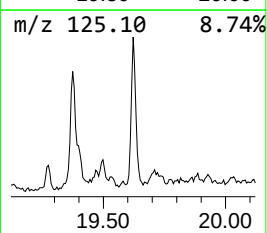
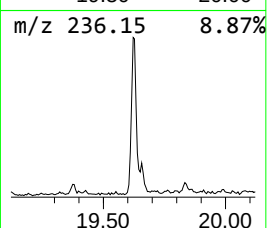
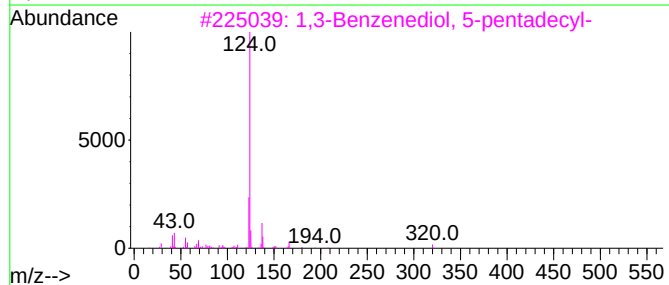
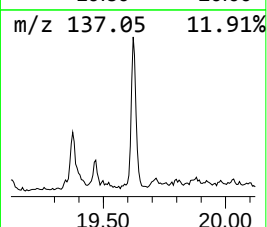
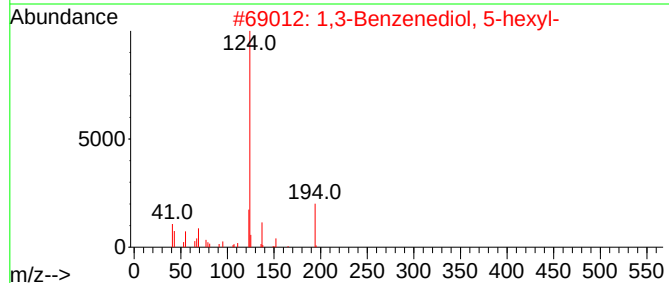
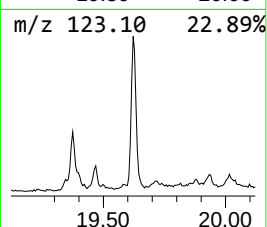
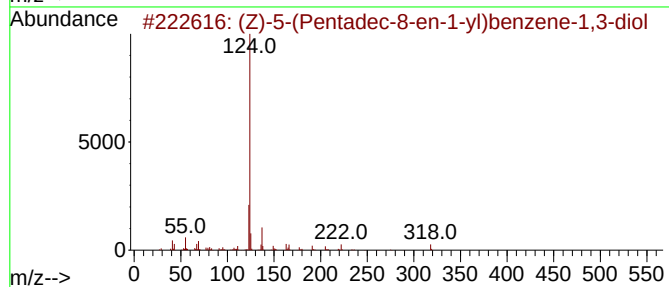
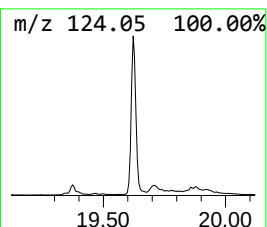
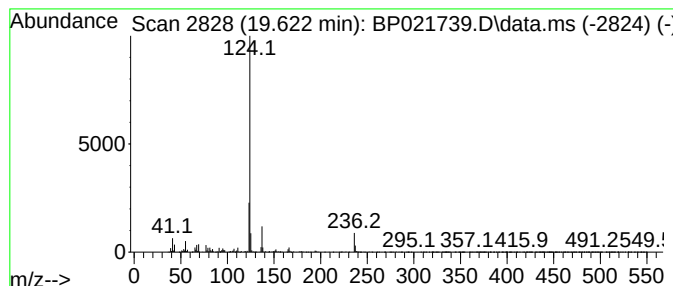
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 (Z)-5-(Pentadec-8-en-1-yl)b... Concentration Rank 21

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 19.622 | 3.40 ng/ul | 1291250 | Chrysene-d12     | 21.680 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | (Z)-5-(Pentadec-8-en-1-yl)benzen... | 318 | C21H34O2     | 022910-86-7 | 86      |      |      |
| 2    | 1,3-Benzenediol, 5-hexyl-           | 194 | C12H18O2     | 005465-20-3 | 83      |      |      |
| 3    | 1,3-Benzenediol, 5-pentadecyl-      | 320 | C21H36O2     | 003158-56-3 | 80      |      |      |
| 4    | (Z)-5-(Pentadec-8-en-1-yl)benzen... | 318 | C21H34O2     | 022910-86-7 | 78      |      |      |
| 5    | 1,3-Benzenediol, 5-pentyl-          | 180 | C11H16O2     | 000500-66-3 | 72      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

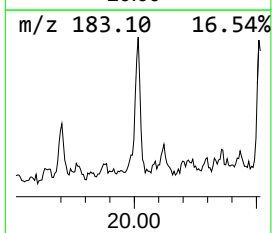
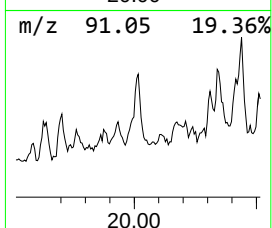
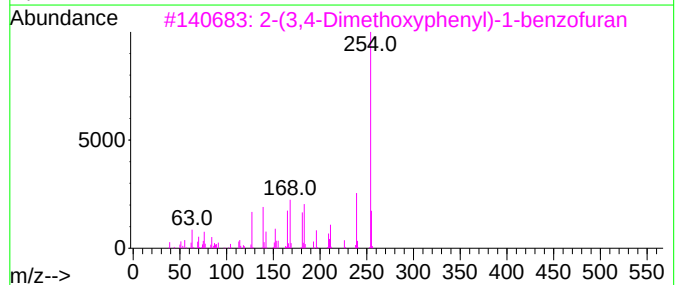
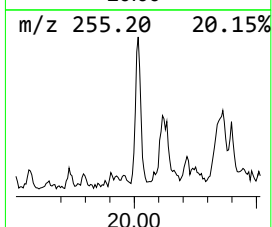
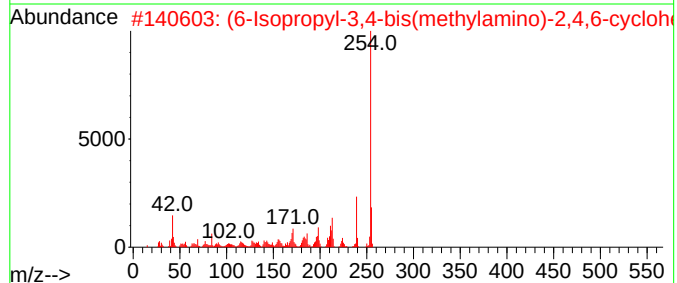
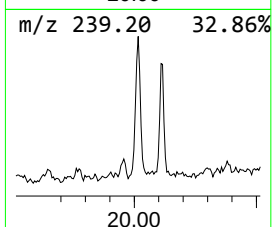
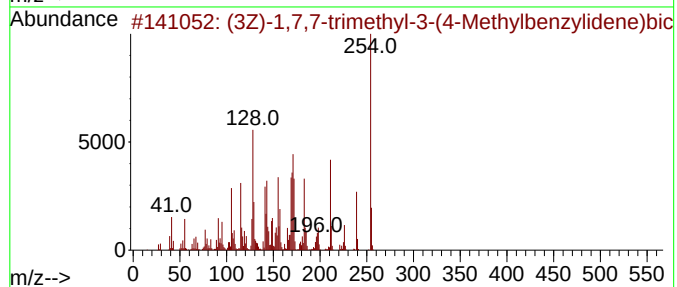
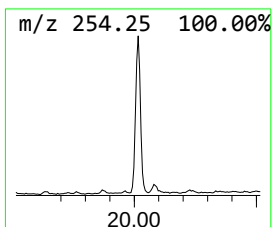
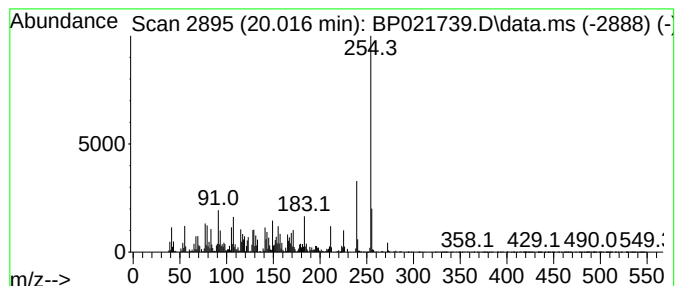
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 (3Z)-1,7,7-trimethyl-3-(4-M... Concentration Rank 19

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 20.016 | 3.80 ng/ul | 1443750 | Chrysene-d12     | 21.680 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | (3Z)-1,7,7-trimethyl-3-(4-Methyl... | 254 | C18H22O      | 1000514-88-5 | 80      |      |      |
| 2    | (6-Isopropyl-3,4-bis(methylamino... | 254 | C15H18N4     | 014203-76-0  | 72      |      |      |
| 3    | 2-(3,4-Dimethoxyphenyl)-1-benzof... | 254 | C16H14O3     | 051924-87-9  | 59      |      |      |
| 4    | (E)-4-Hydroxy-4'-methoxychalcone... | 296 | C18H16O4     | 1454800-31-7 | 59      |      |      |
| 5    | 1-Propene, 1,2-bis(4-methoxyphen... | 254 | C17H18O2     | 020802-02-2  | 58      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

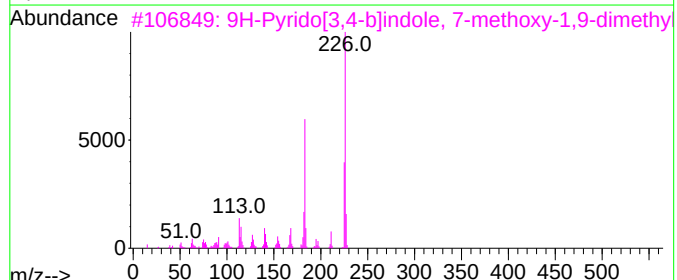
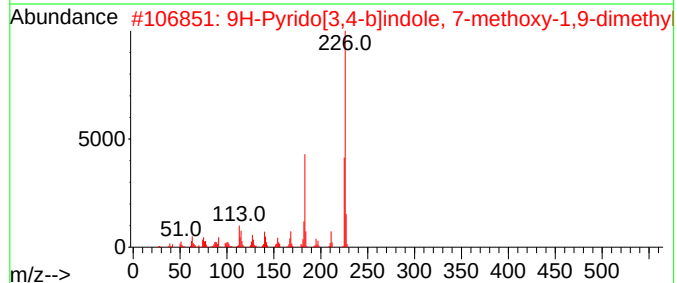
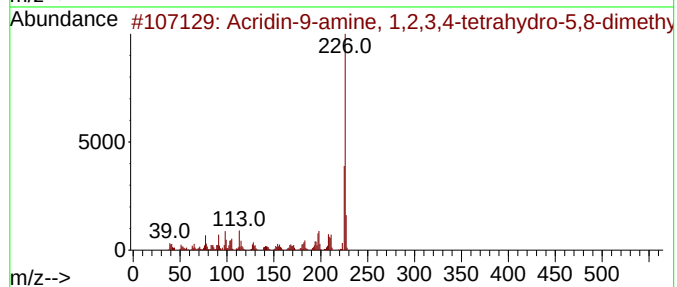
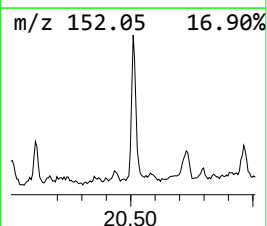
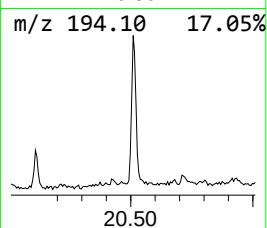
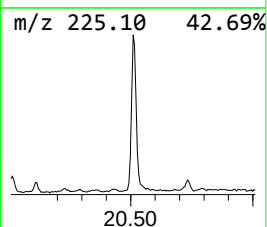
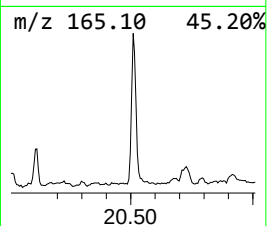
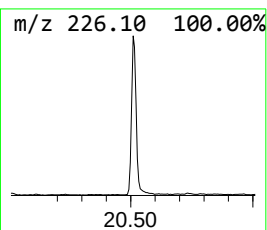
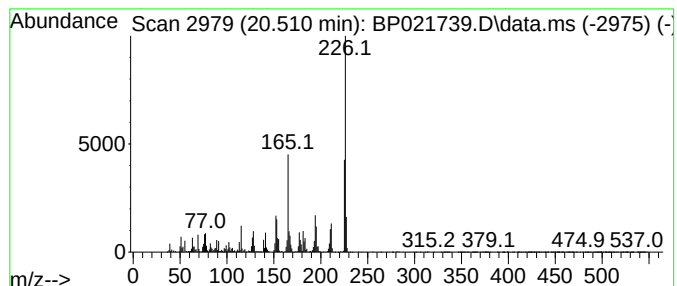
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 17

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 20.510 | 4.92 ng/ul | 1871740 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Acridin-9-amine, 1,2,3,4-tetrahy... | 226 | C15H18N2   | 297758-19-1  | 70   |
| 2    |    |   | 9H-Pyrido[3,4-b]indole, 7-methox... | 226 | C14H14N2O  | 143502-37-8  | 52   |
| 3    |    |   | 9H-Pyrido[3,4-b]indole, 7-methox... | 226 | C14H14N2O  | 143502-37-8  | 50   |
| 4    |    |   | Acridin-9-amine, 1,2,3,4-tetrahy... | 226 | C15H18N2   | 1000300-57-6 | 49   |
| 5    |    |   | Benzenamine, N-[(4-nitrophenyl)m... | 226 | C13H10N2O2 | 000785-80-8  | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

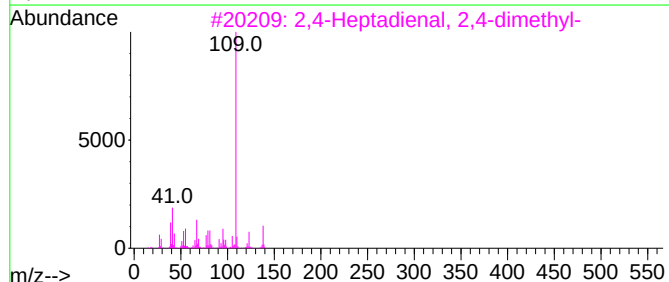
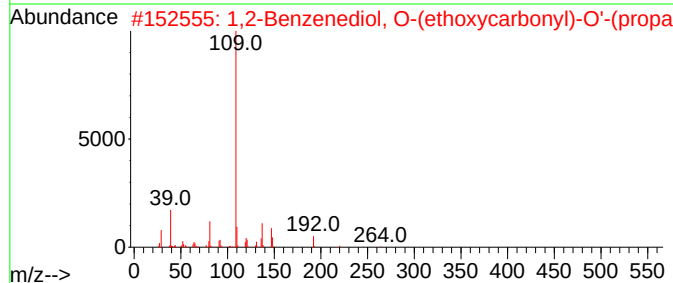
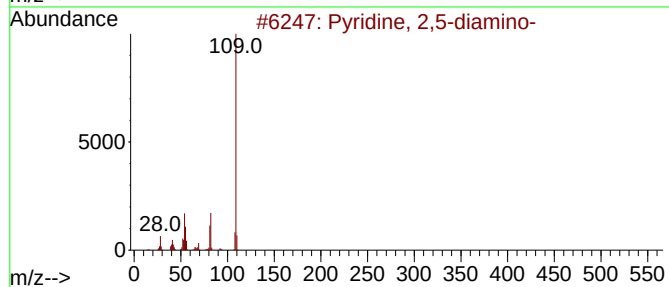
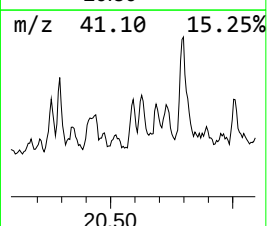
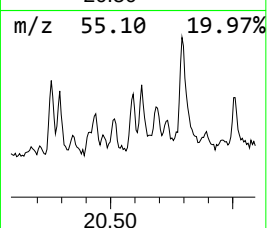
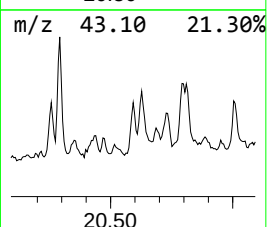
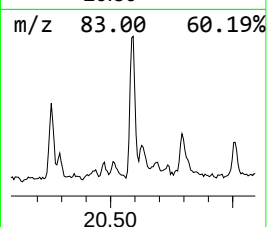
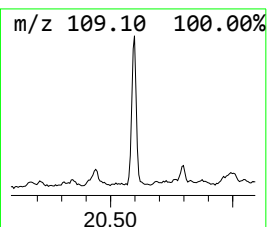
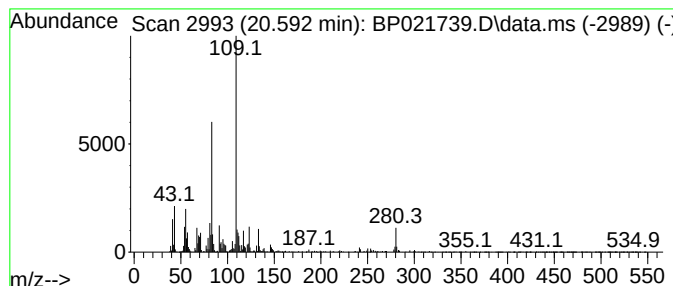
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 unknown-02 Concentration Rank 24

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.592 | 2.27 ng/ul | 863077 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Pyridine, 2,5-diamino-              | 109 | C5H7N3   | 004318-76-7  | 38   |
| 2    |    |   | 1,2-Benzenediol, O-(ethoxycarbon... | 264 | C13H12O6 | 1000329-71-6 | 38   |
| 3    |    |   | 2,4-Heptadienal, 2,4-dimethyl-      | 138 | C9H14O   | 042452-48-2  | 35   |
| 4    |    |   | 2-Cyclopentene-1-carboxylic acid... | 182 | C11H18O2 | 029915-95-5  | 35   |
| 5    |    |   | 1-Allyl-cyclopropanecarboxylic a... | 328 | C22H32O2 | 108546-69-6  | 35   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

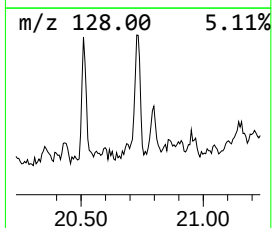
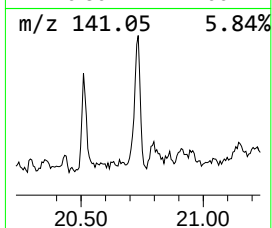
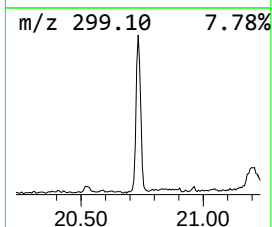
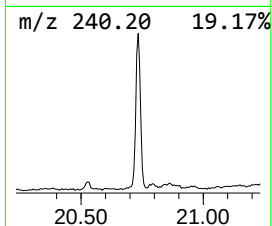
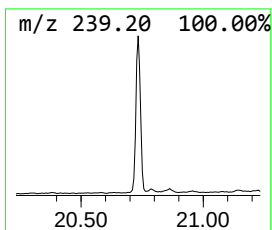
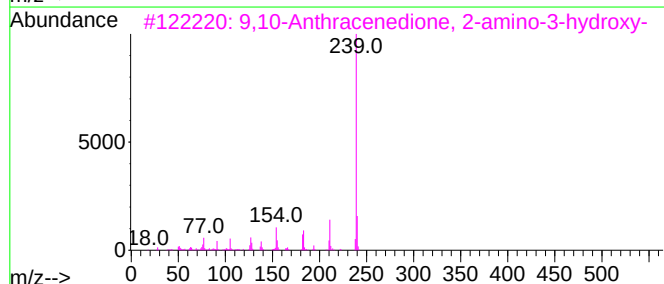
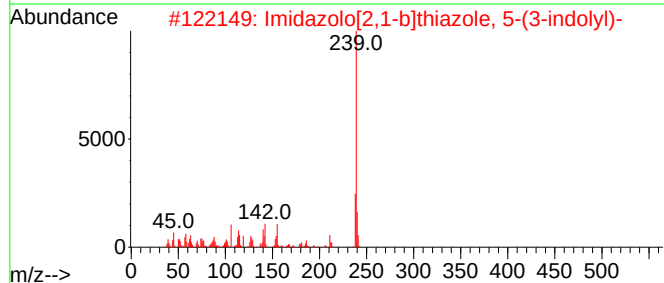
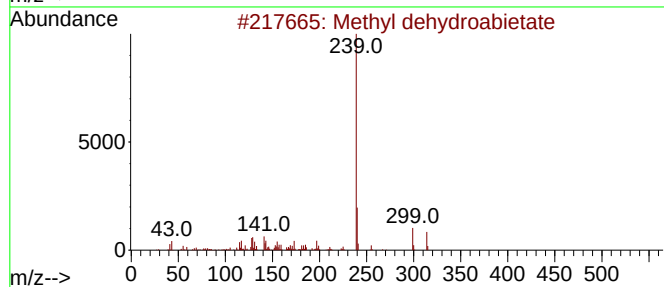
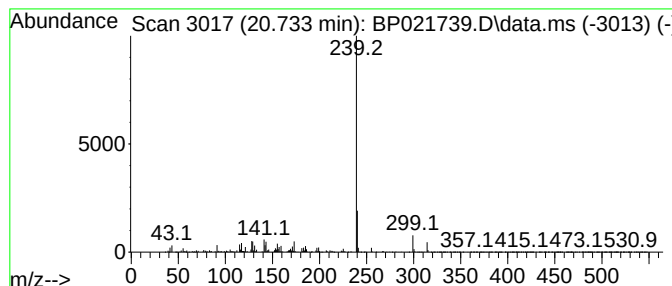
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Methyl dehydroabietate Concentration Rank 18

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 20.733 | 4.37 ng/ul | 1660970 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl dehydroabietate              | 314 | C21H30O2 | 001235-74-1 | 96   |
| 2    |    |   | Imidazolo[2,1-b]thiazole, 5-(3-i... | 239 | C13H9N3S | 327097-37-0 | 64   |
| 3    |    |   | 9,10-Anthracenedione, 2-amino-3-... | 239 | C14H9NO3 | 000117-77-1 | 64   |
| 4    |    |   | 9,10-Anthracenedione, 1-amino-4-... | 239 | C14H9NO3 | 000116-85-8 | 59   |
| 5    |    |   | Methyl dehydroabietate              | 314 | C21H30O2 | 001235-74-1 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

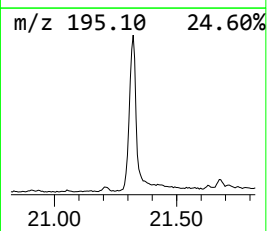
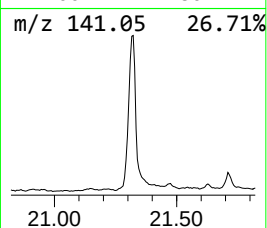
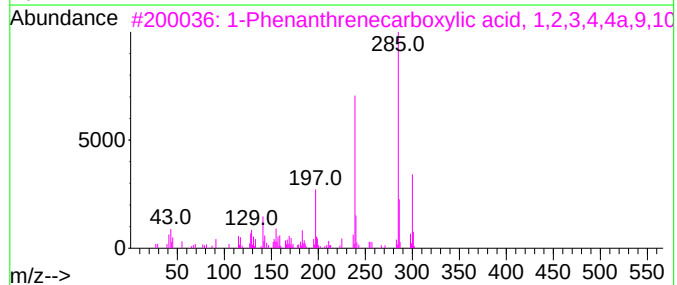
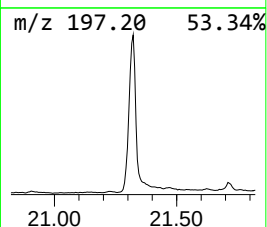
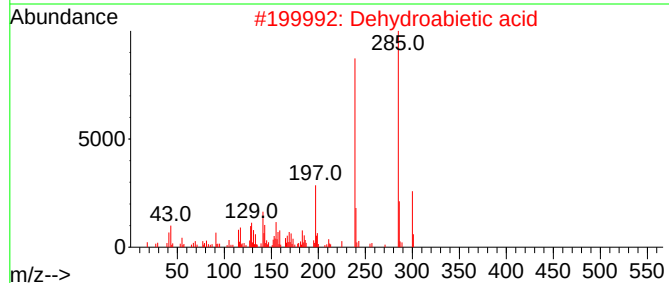
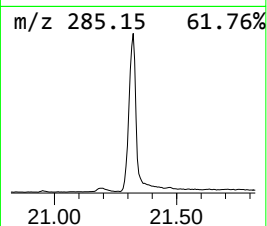
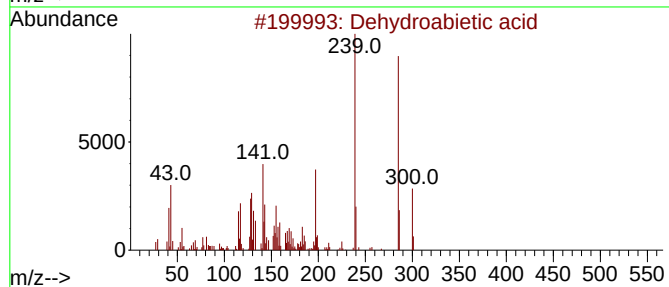
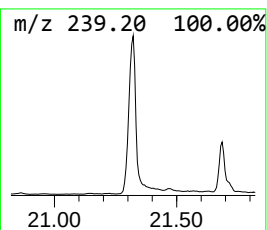
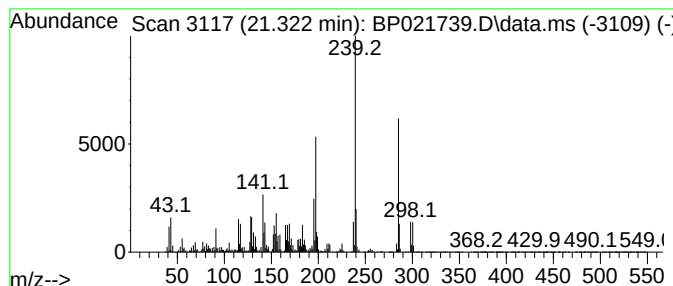
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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 Dehydroabietic acid Concentration Rank 3

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 21.322 | 39.69 ng/ul | 15087700 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Dehydroabietic acid                  | 300 | C20H28O2   | 001740-19-8 | 99   |
| 2    |    |   | Dehydroabietic acid                  | 300 | C20H28O2   | 001740-19-8 | 96   |
| 3    |    |   | 1-Phenanthrenecarboxylic acid, 1...  | 300 | C20H28O2   | 005155-70-4 | 94   |
| 4    |    |   | trans-1,2-Bis(methyldichlorosilyl... | 252 | C4H8Cl4Si2 | 065899-10-7 | 93   |
| 5    |    |   | Dehydroabietic acid                  | 300 | C20H28O2   | 001740-19-8 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

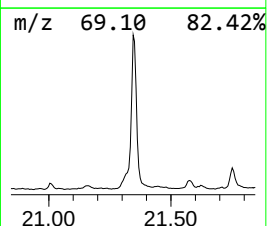
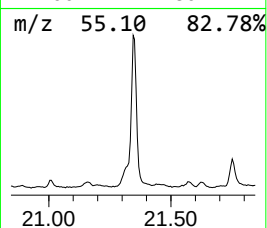
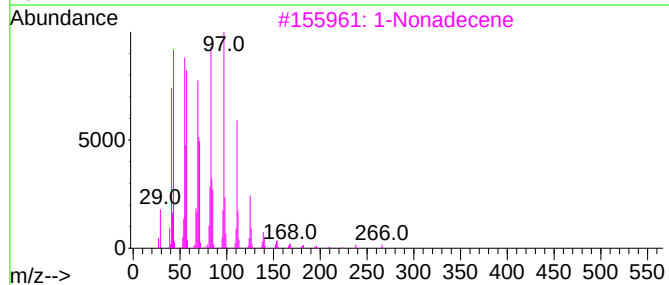
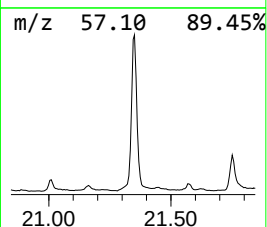
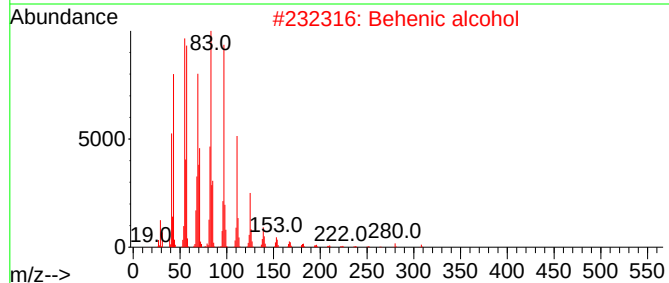
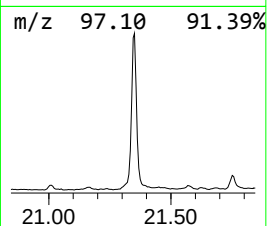
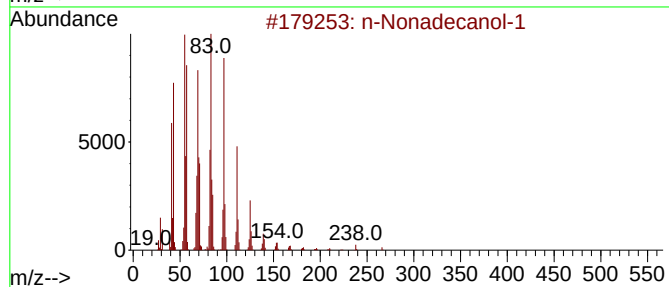
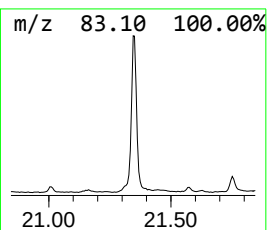
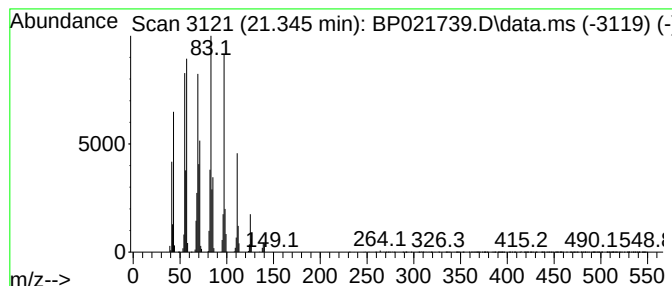
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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 n-Nonadecanol-1 Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.345 | 24.24 ng/ul | 9212390 | Chrysene-d12     | 21.680 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|------|-------------------------------------|-----|-------------|-------------|------|
| 1    |      | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8 | 94   |
| 2    |      | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8 | 94   |
| 3    |      | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 91   |
| 4    |      | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8 | 91   |
| 5    |      | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

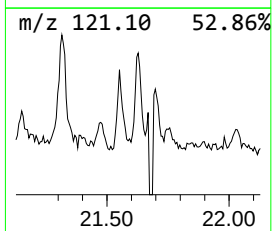
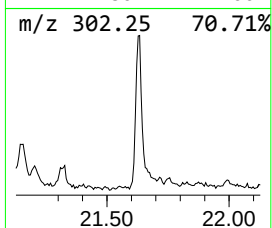
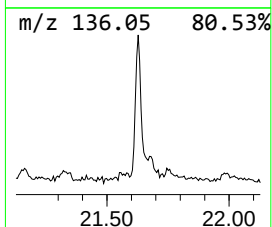
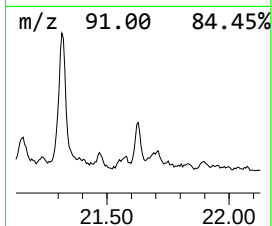
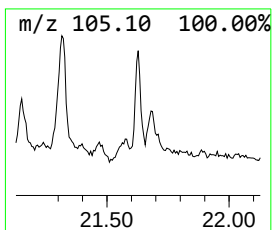
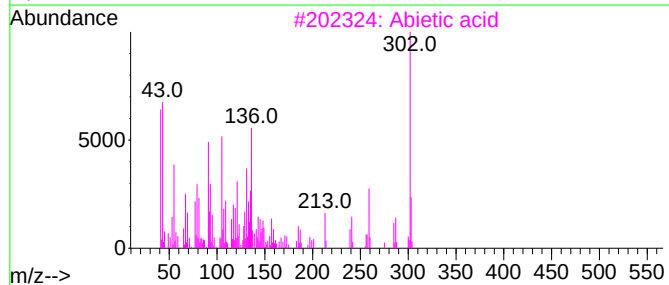
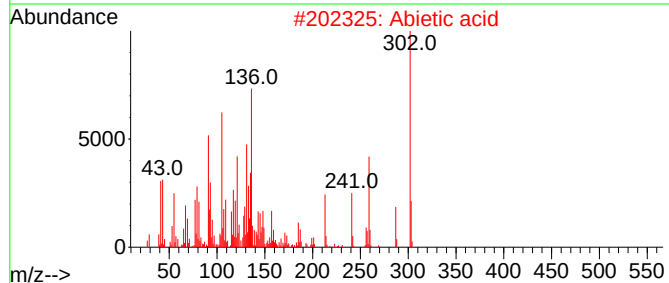
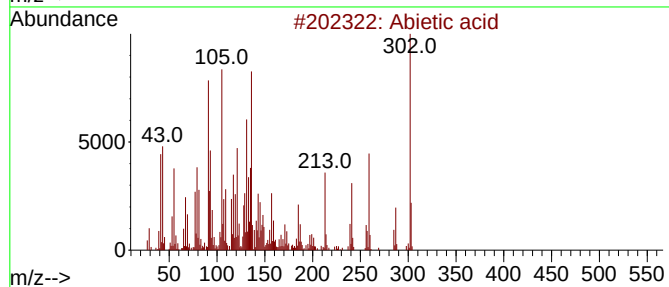
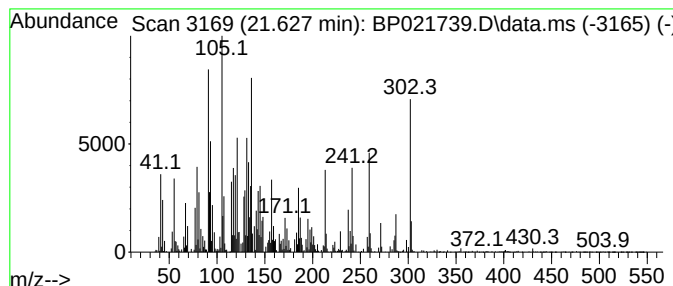
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TIC Integration Parameters: LSCINT.P

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Peak Number 17 Abietic acid Concentration Rank 23

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.627 | 2.55 ng/ul | 968016 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------|-----|----------|-------------|------|
| 1    |    |   | Abietic acid    | 302 | C20H30O2 | 000514-10-3 | 98   |
| 2    |    |   | Abietic acid    | 302 | C20H30O2 | 000514-10-3 | 93   |
| 3    |    |   | Abietic acid    | 302 | C20H30O2 | 000514-10-3 | 89   |
| 4    |    |   | Abietic acid    | 302 | C20H30O2 | 000514-10-3 | 70   |
| 5    |    |   | Isopimaric acid | 302 | C20H30O2 | 005835-26-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
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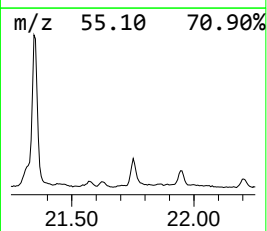
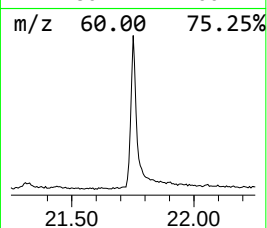
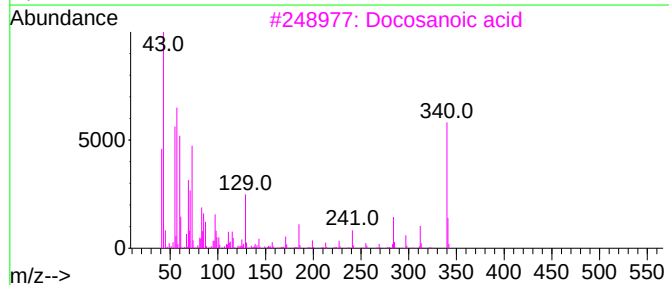
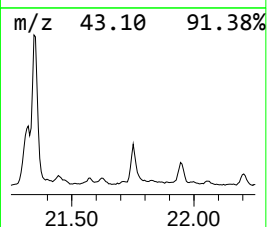
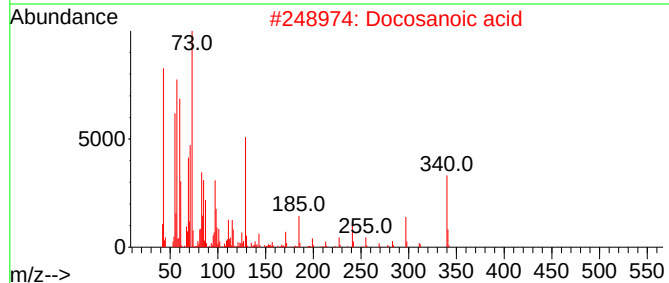
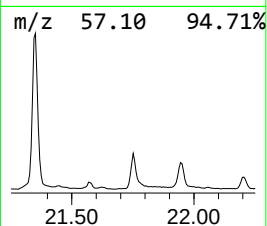
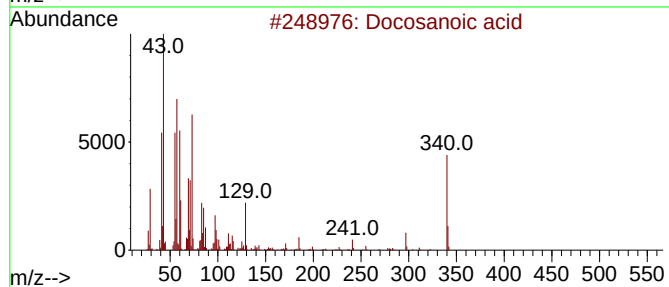
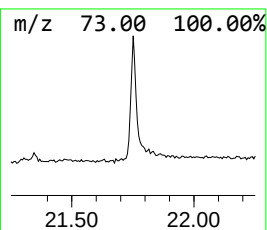
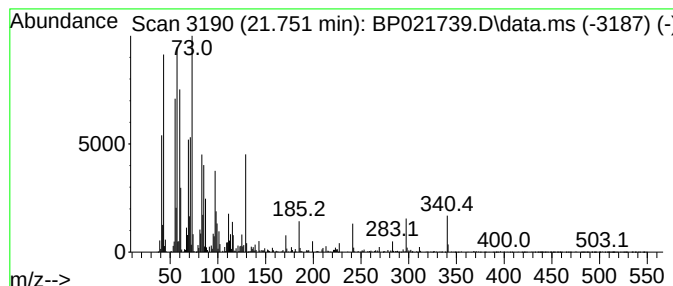
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Peak Number 18 Docosanoic acid Concentration Rank 15

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.751 | 5.47 ng/ul | 2080620 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Docosanoic acid    | 340 | C22H44O2 | 000112-85-6 | 99   |
| 2    |    |   | Docosanoic acid    | 340 | C22H44O2 | 000112-85-6 | 96   |
| 3    |    |   | Docosanoic acid    | 340 | C22H44O2 | 000112-85-6 | 89   |
| 4    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 81   |
| 5    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

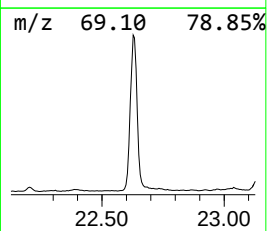
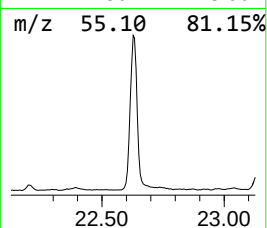
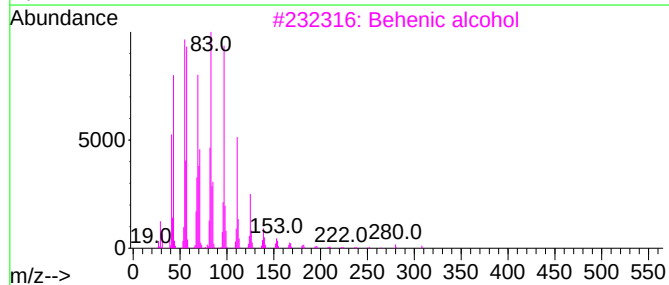
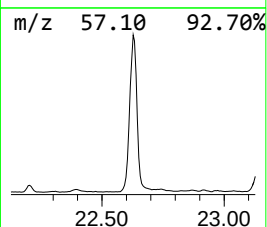
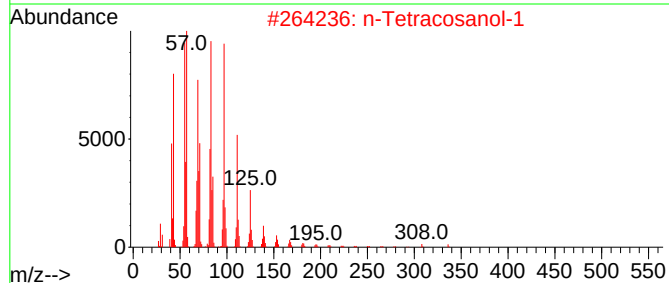
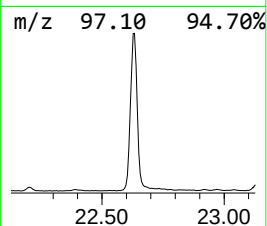
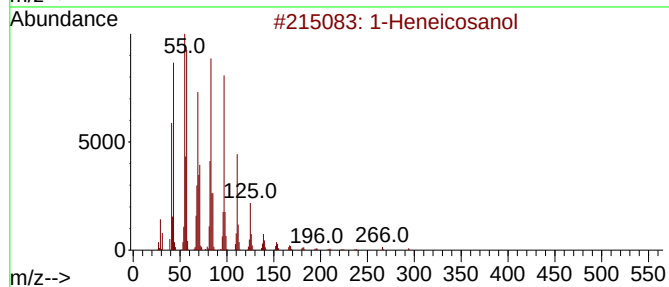
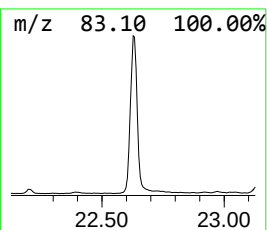
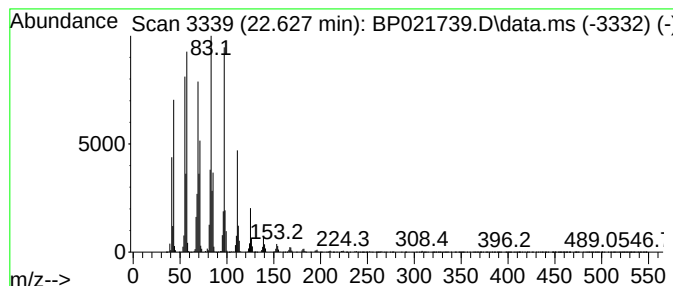
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Quant Title : SVOA CALIBRATION

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

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Peak Number 19 1-Heneicosanol Concentration Rank 2

| R.T.      | EstConc          | Area     | Relative to ISTD | R.T.        |      |
|-----------|------------------|----------|------------------|-------------|------|
| 22.627    | 49.20 ng/ul      | 18703400 | Chrysene-d12     | 21.680      |      |
| Hit# of 5 | Tentative ID     | MW       | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol   | 312      | C21H44O          | 015594-90-8 | 95   |
| 2         | n-Tetracosanol-1 | 354      | C24H50O          | 000506-51-4 | 94   |
| 3         | Behenic alcohol  | 326      | C22H46O          | 000661-19-8 | 94   |
| 4         | 1-Heptacosanol   | 396      | C27H56O          | 002004-39-9 | 93   |
| 5         | 1-Tetracosene    | 336      | C24H48           | 010192-32-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

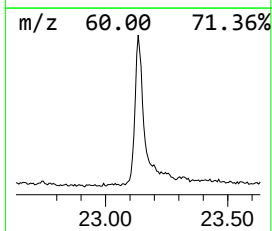
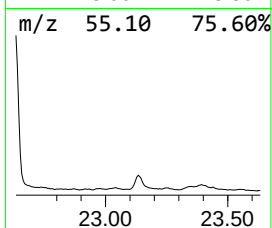
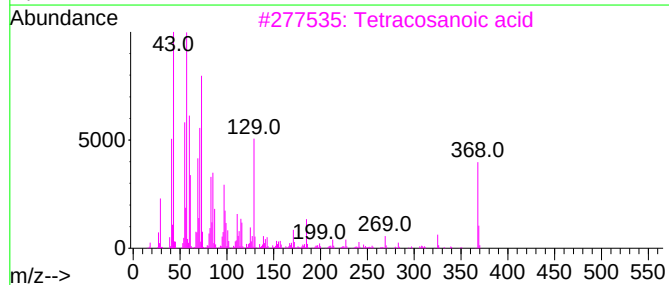
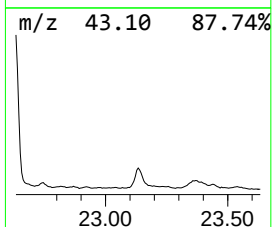
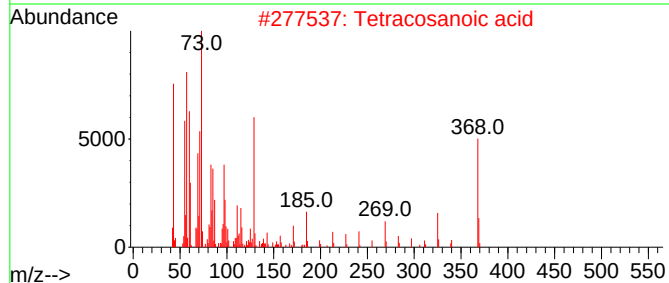
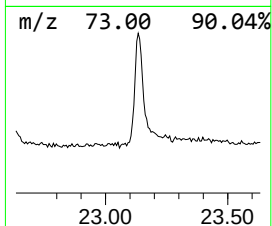
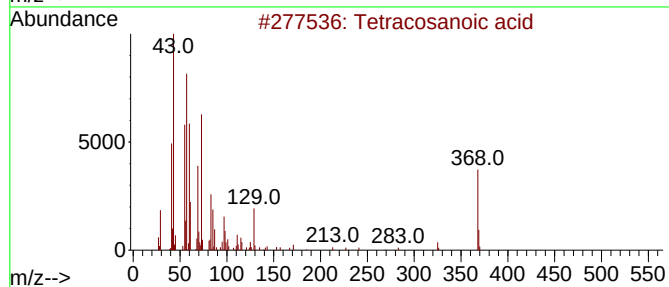
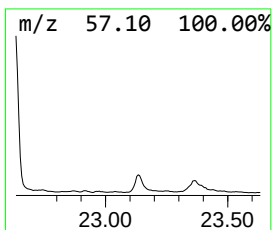
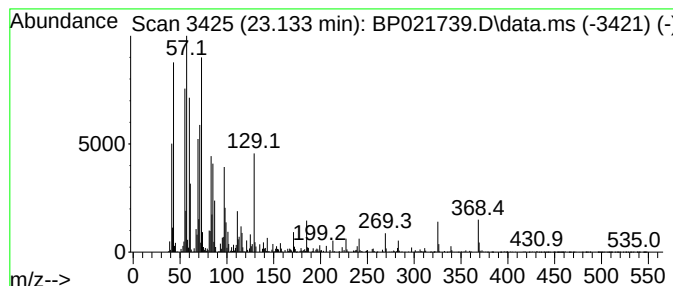
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Quant Title : SVOA CALIBRATION

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

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Peak Number 20 Tetracosanoic acid Concentration Rank 14

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 23.133 | 6.75 ng/ul | 2565520 | Chrysene-d12     | 21.680 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Tetracosanoic acid | 368 | C24H48O2 | 000557-59-5 | 99   |
| 2    |    |   | Tetracosanoic acid | 368 | C24H48O2 | 000557-59-5 | 96   |
| 3    |    |   | Tetracosanoic acid | 368 | C24H48O2 | 000557-59-5 | 90   |
| 4    |    |   | Hexacosanoic acid  | 396 | C26H52O2 | 000506-46-7 | 83   |
| 5    |    |   | Hexacosyl acetate  | 424 | C28H56O2 | 000822-32-2 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

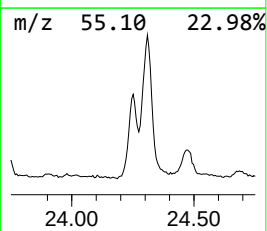
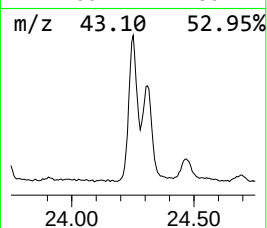
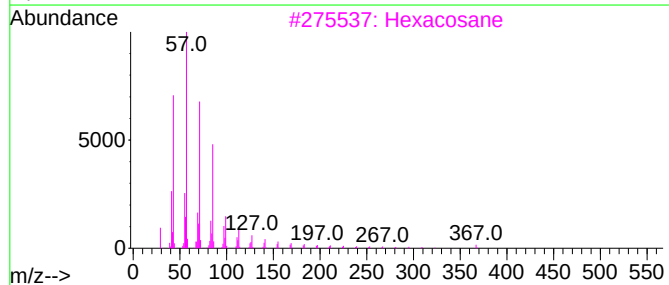
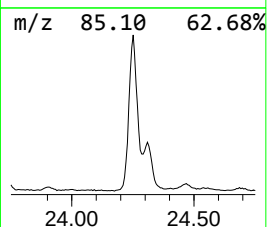
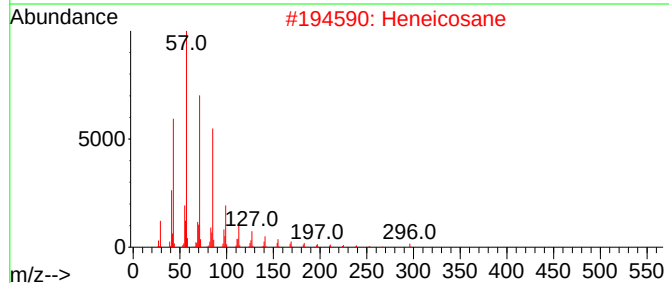
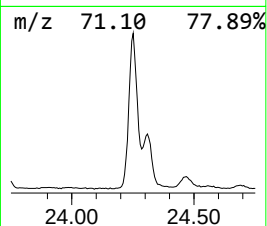
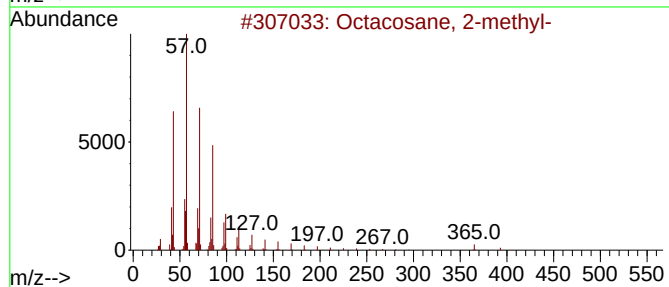
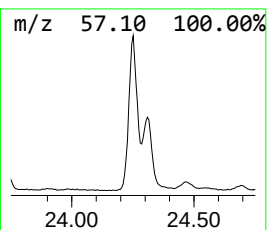
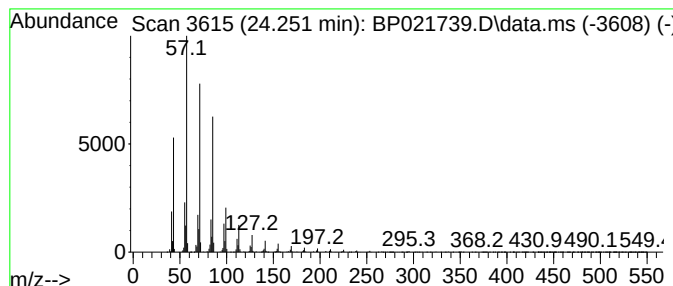
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.251 | 11.88 ng/ul | 4516930 | Perylene-d12     | 25.098 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 2    |      | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 87   |
| 5    |      | Octadecane, 1-iodo-   | 380 | C18H37I | 000629-93-6 | 87   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

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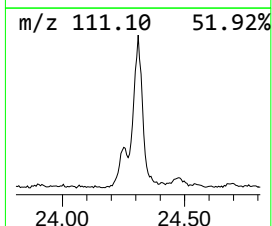
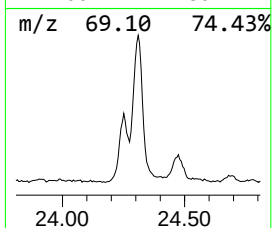
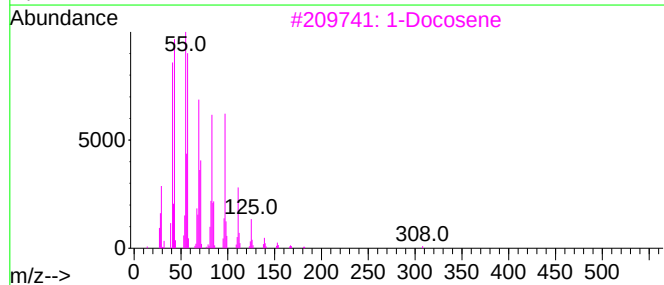
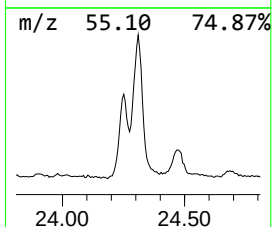
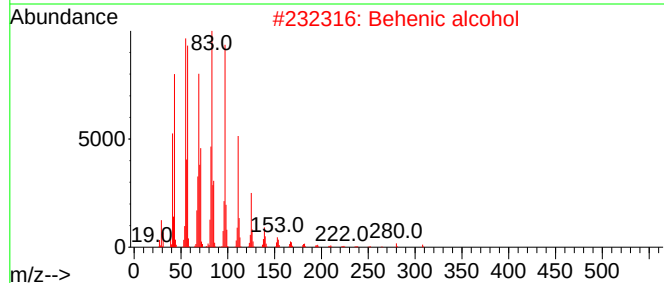
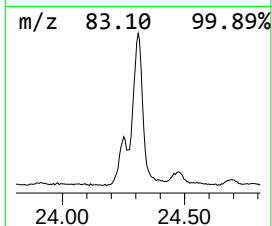
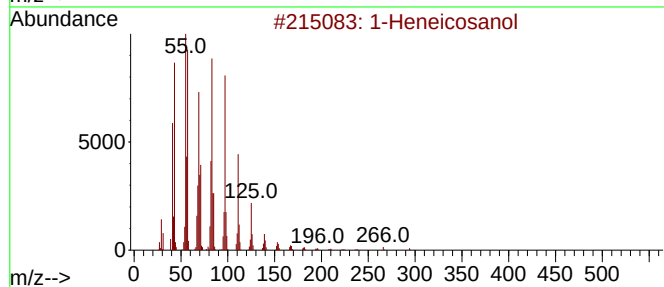
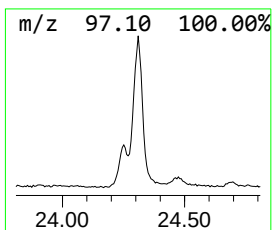
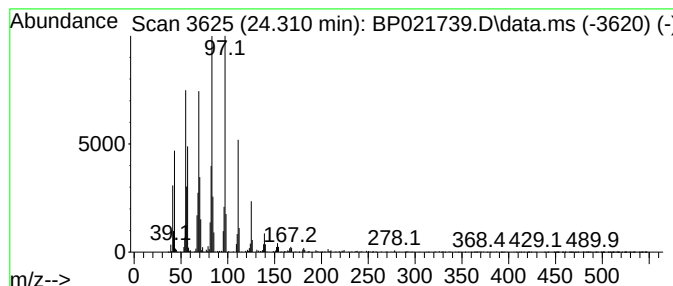
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Quant Title : SVOA CALIBRATION

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

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Peak Number 22 Behenic alcohol Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.310 | 12.66 ng/ul | 4810900 | Perylene-d12     | 25.098 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Heneicosanol                    | 312 | C21H44O    | 015594-90-8  | 86   |
| 2    |    |   | Behenic alcohol                   | 326 | C22H46O    | 000661-19-8  | 83   |
| 3    |    |   | 1-Docosene                        | 308 | C22H44     | 001599-67-3  | 64   |
| 4    |    |   | 1-Docosanol, methyl ether         | 340 | C23H48O    | 1000333-91-9 | 53   |
| 5    |    |   | 1-oleyl alcohol, trifluoroacetate | 364 | C20H35F3O2 | 1000352-68-4 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

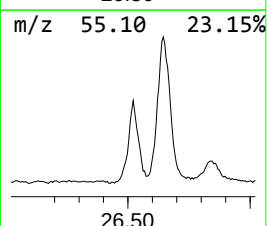
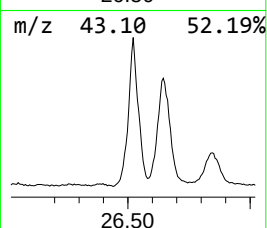
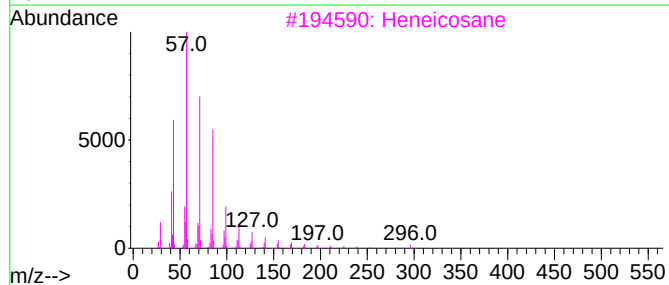
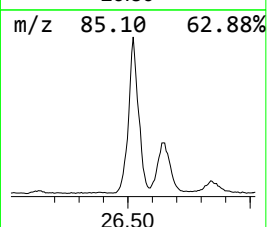
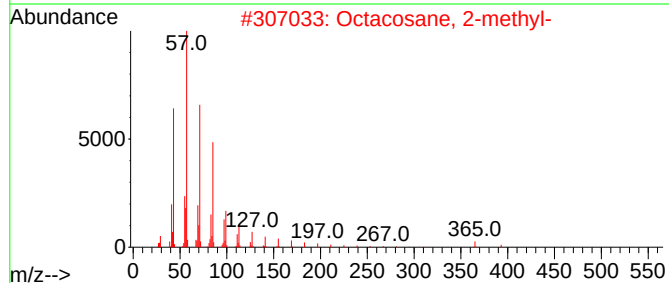
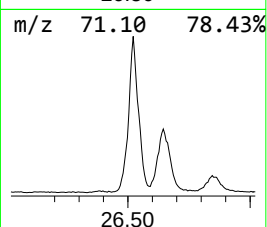
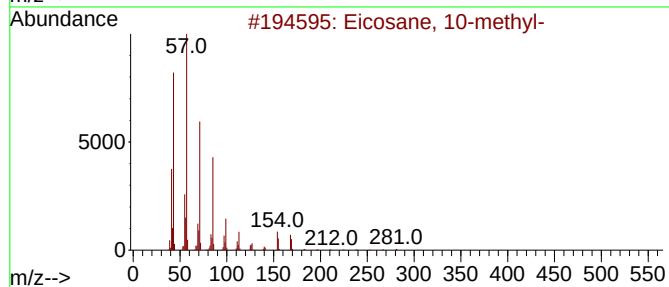
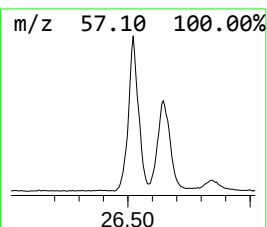
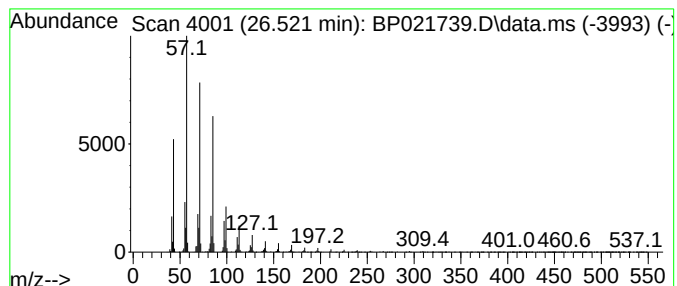
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Quant Title : SVOA CALIBRATION

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

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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 26.521 | 13.88 ng/ul | 5274330 | Perylene-d12     | 25.098 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Eicosane, 10-methyl-    | 296 | C21H44  | 054833-23-7 | 94   |
| 2    |      | Octacosane, 2-methyl-   | 408 | C29H60  | 001560-98-1 | 91   |
| 3    |      | Heneicosane             | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |      | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 90   |
| 5    |      | Hexacosane              | 366 | C26H54  | 000630-01-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

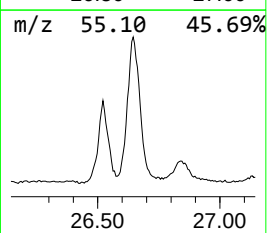
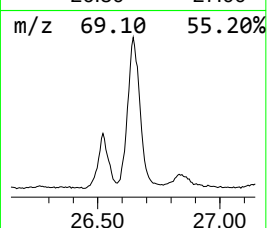
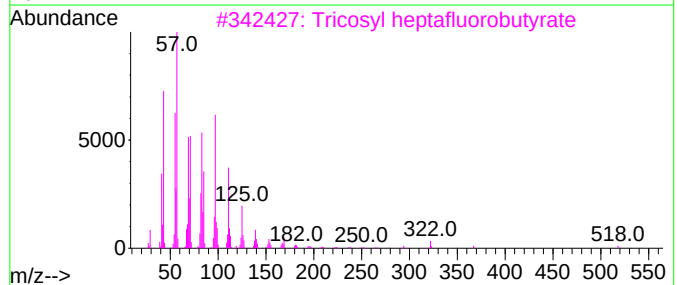
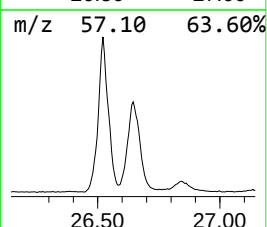
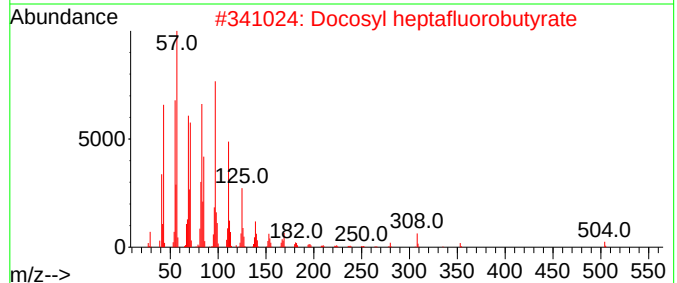
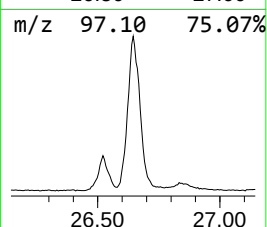
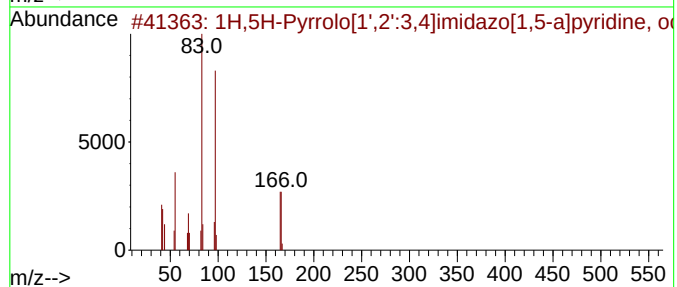
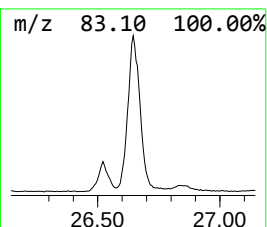
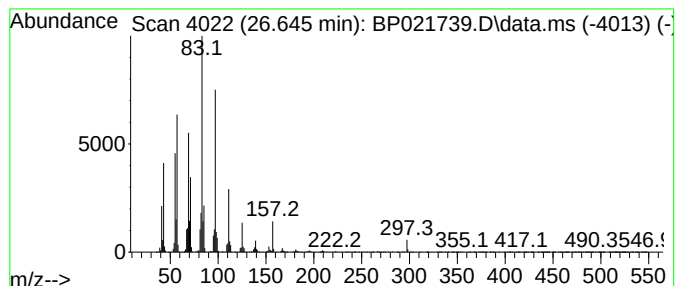
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 24 1H,5H-Pyrrolo[1',2':3,4]imi... Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 26.645 | 23.09 ng/ul | 8776080 | Perylene-d12     | 25.098 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1H,5H-Pyrrolo[1',2':3,4]imidazo[...] | 166 | C10H18N2   | 054966-11-9  | 64   |
| 2    |    |   | Docosyl heptafluorobutyrate          | 522 | C26H45F7O2 | 1000351-83-1 | 41   |
| 3    |    |   | Tricosyl heptafluorobutyrate         | 536 | C27H47F7O2 | 1000351-83-4 | 41   |
| 4    |    |   | Pentafluoropropionic acid, octad...  | 416 | C21H37F5O2 | 959261-25-7  | 38   |
| 5    |    |   | Triacontan-15-ol                     | 438 | C30H62O    | 031849-26-0  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
Data File : BP021739.D  
Acq On : 30 Aug 2024 03:36  
Operator : RC/JU  
Sample : P3721-13  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

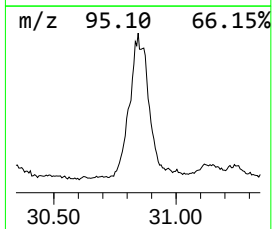
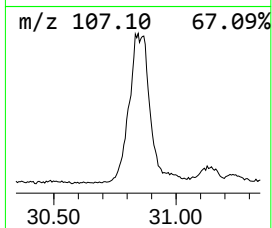
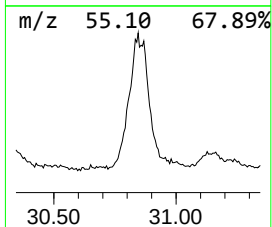
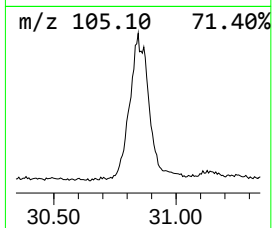
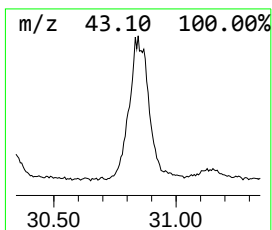
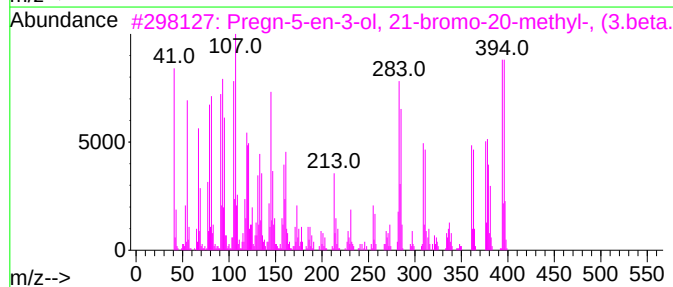
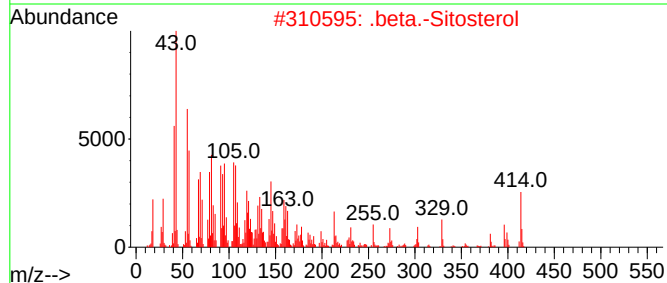
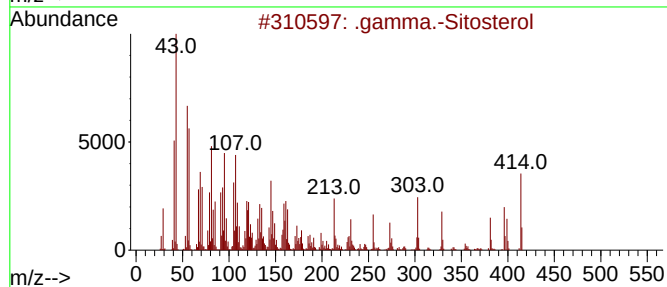
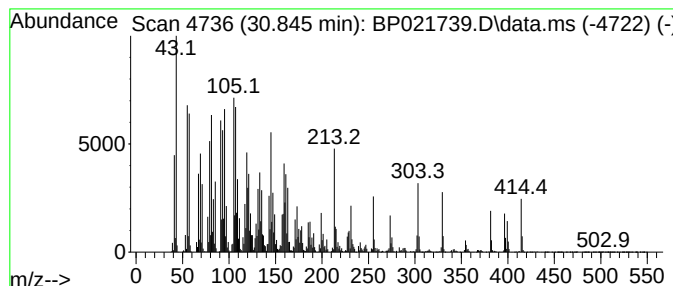
Instrument :  
BNA\_P  
ClientSampleId :  
DCXZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 25 .gamma.-Sitosterol Concentration Rank 6

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 30.845    | 21.02 ng/ul                         | 7989960 | Perylene-d12     | 25.098      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | .gamma.-Sitosterol                  | 414     | C29H50O          | 000083-47-6 | 99   |
| 2         | .beta.-Sitosterol                   | 414     | C29H50O          | 000083-46-5 | 95   |
| 3         | Pregn-5-en-3-ol, 21-bromo-20-met... | 394     | C22H35BrO        | 055103-80-5 | 94   |
| 4         | .beta.-Sitosterol                   | 414     | C29H50O          | 000083-46-5 | 89   |
| 5         | .gamma.-Sitosterol                  | 414     | C29H50O          | 000083-47-6 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082924\  
 Data File : BP021739.D  
 Acq On : 30 Aug 2024 03:36  
 Operator : RC/JU  
 Sample : P3721-13  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCXZ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082324.MA.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.017  | 147.1   | ng/ul | 23698200 | 1                     | 7.793  | 3221530 | 20.0 |
| (1R)-2,6,6-Trim... | 6.499  | 13.7    | ng/ul | 2212210  | 1                     | 7.793  | 3221530 | 20.0 |
| Benzeneacetic acid | 11.116 | 2.6     | ng/ul | 606731   | 2                     | 10.575 | 4699160 | 20.0 |
| n-Hexadecanoic ... | 18.163 | 11.2    | ng/ul | 4260800  | 4                     | 17.228 | 7624490 | 20.0 |
| m-Camphorene       | 18.516 | 2.1     | ng/ul | 794858   | 4                     | 17.228 | 7624490 | 20.0 |
| unknown-01         | 19.110 | 3.8     | ng/ul | 1428640  | 4                     | 17.228 | 7624490 | 20.0 |
| cis-Vaccenic acid  | 19.375 | 15.6    | ng/ul | 5953910  | 4                     | 17.228 | 7624490 | 20.0 |
| Octadecanoic acid  | 19.498 | 4.9     | ng/ul | 1875530  | 5                     | 21.680 | 7602460 | 20.0 |
| (Z)-5-(Pentadec... | 19.622 | 3.4     | ng/ul | 1291250  | 5                     | 21.680 | 7602460 | 20.0 |
| (3Z)-1,7,7-trim... | 20.016 | 3.8     | ng/ul | 1443750  | 5                     | 21.680 | 7602460 | 20.0 |
| Acridin-9-amine... | 20.510 | 4.9     | ng/ul | 1871740  | 5                     | 21.680 | 7602460 | 20.0 |
| unknown-02         | 20.592 | 2.3     | ng/ul | 863077   | 5                     | 21.680 | 7602460 | 20.0 |
| Methyl dehydroa... | 20.733 | 4.4     | ng/ul | 1660970  | 5                     | 21.680 | 7602460 | 20.0 |
| Dehydroabietic ... | 21.322 | 39.7    | ng/ul | 15087700 | 5                     | 21.680 | 7602460 | 20.0 |
| n-Nonadecanol-1    | 21.345 | 24.2    | ng/ul | 9212390  | 5                     | 21.680 | 7602460 | 20.0 |
| Abietic acid       | 21.627 | 2.5     | ng/ul | 968016   | 5                     | 21.680 | 7602460 | 20.0 |
| Docosanoic acid    | 21.751 | 5.5     | ng/ul | 2080620  | 5                     | 21.680 | 7602460 | 20.0 |
| 1-Heneicosanol     | 22.627 | 49.2    | ng/ul | 18703400 | 5                     | 21.680 | 7602460 | 20.0 |
| Tetracosanoic acid | 23.133 | 6.8     | ng/ul | 2565520  | 5                     | 21.680 | 7602460 | 20.0 |
| (DEL) Alkane: S... | 24.251 | 11.9    | ng/ul | 4516930  | 6                     | 25.098 | 7602590 | 20.0 |
| Behenic alcohol    | 24.310 | 12.7    | ng/ul | 4810900  | 6                     | 25.098 | 7602590 | 20.0 |
| (DEL) Alkane: S... | 26.521 | 13.9    | ng/ul | 5274330  | 6                     | 25.098 | 7602590 | 20.0 |
| 1H,5H-Pyrrolo[1... | 26.645 | 23.1    | ng/ul | 8776080  | 6                     | 25.098 | 7602590 | 20.0 |
| .gamma.-Sitosterol | 30.845 | 21.0    | ng/ul | 7989960  | 6                     | 25.098 | 7602590 | 20.0 |