

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
 Data File : BP009731.D  
 Acq On : 08 Apr 2022 23:17  
 Operator : CG/JU  
 Sample : N2182-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0R14

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-BP040722.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP009731.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         | 3.129       | 3             | 7           | 22           | rVB      | 260936         | 409982        | 29.42%          | 2.433%        |
| 2         | 3.387       | 47            | 51          | 56           | rBV4     | 5552           | 8007          | 0.57%           | 0.048%        |
| 3         | 3.717       | 105           | 107         | 110          | rVB3     | 2305           | 2100          | 0.15%           | 0.012%        |
| 4         | 3.817       | 121           | 124         | 133          | rBV      | 15849          | 28575         | 2.05%           | 0.170%        |
| 5         | 3.917       | 138           | 141         | 149          | rVB7     | 6247           | 7239          | 0.52%           | 0.043%        |
| 6         | 4.046       | 160           | 163         | 168          | rVB7     | 2687           | 4349          | 0.31%           | 0.026%        |
| 7         | 4.828       | 294           | 296         | 299          | rBV4     | 1791           | 1969          | 0.14%           | 0.012%        |
| 8         | 4.946       | 314           | 316         | 320          | rVB5     | 2035           | 2657          | 0.19%           | 0.016%        |
| 9         | 5.064       | 333           | 336         | 345          | rVB5     | 4252           | 8974          | 0.64%           | 0.053%        |
| 10        | 5.134       | 345           | 348         | 350          | rBV3     | 1718           | 1869          | 0.13%           | 0.011%        |
| 11        | 5.717       | 442           | 447         | 451          | rBV8     | 2709           | 5774          | 0.41%           | 0.034%        |
| 12        | 5.946       | 483           | 486         | 488          | rBV4     | 1350           | 1899          | 0.14%           | 0.011%        |
| 13        | 6.111       | 512           | 514         | 517          | rVB4     | 2208           | 2342          | 0.17%           | 0.014%        |
| 14        | 6.428       | 563           | 568         | 570          | rBV6     | 1192           | 1853          | 0.13%           | 0.011%        |
| 15        | 6.570       | 590           | 592         | 597          | rVB6     | 1336           | 1951          | 0.14%           | 0.012%        |
| 16        | 6.917       | 649           | 651         | 652          | rBV2     | 2309           | 1919          | 0.14%           | 0.011%        |
| 17        | 6.975       | 659           | 661         | 664          | rVB4     | 1998           | 2365          | 0.17%           | 0.014%        |
| 18        | 7.122       | 678           | 686         | 697          | rVV      | 109748         | 193897        | 13.92%          | 1.151%        |
| 19        | 7.299       | 709           | 716         | 728          | rBV      | 81378          | 140889        | 10.11%          | 0.836%        |
| 20        | 7.499       | 744           | 750         | 759          | rBV      | 101905         | 176356        | 12.66%          | 1.046%        |
| 21        | 7.617       | 766           | 770         | 771          | rBV3     | 1638           | 2037          | 0.15%           | 0.012%        |
| 22        | 7.887       | 811           | 816         | 822          | rBV6     | 6054           | 9821          | 0.70%           | 0.058%        |
| 23        | 7.975       | 824           | 831         | 840          | rVB      | 162567         | 266252        | 19.11%          | 1.580%        |
| 24        | 8.205       | 867           | 870         | 875          | rBV7     | 2590           | 4375          | 0.31%           | 0.026%        |
| 25        | 8.264       | 875           | 880         | 885          | rVB7     | 2611           | 5145          | 0.37%           | 0.031%        |
| 26        | 8.669       | 942           | 949         | 959          | rBV      | 104344         | 181291        | 13.01%          | 1.076%        |
| 27        | 8.793       | 964           | 970         | 979          | rVB      | 25270          | 42774         | 3.07%           | 0.254%        |
| 28        | 9.128       | 1020          | 1027        | 1034         | rBV      | 112720         | 190464        | 13.67%          | 1.130%        |
| 29        | 9.240       | 1044          | 1046        | 1051         | rVB6     | 1485           | 2059          | 0.15%           | 0.012%        |
| 30        | 9.316       | 1054          | 1059        | 1061         | rBV6     | 1409           | 1903          | 0.14%           | 0.011%        |
| 31        | 9.599       | 1104          | 1107        | 1110         | rVB5     | 3190           | 3857          | 0.28%           | 0.023%        |
| 32        | 9.858       | 1143          | 1151        | 1158         | rBV      | 82262          | 141582        | 10.16%          | 0.840%        |
| 33        | 9.981       | 1167          | 1172        | 1177         | rBV5     | 3758           | 6368          | 0.46%           | 0.038%        |
| 34        | 10.293      | 1217          | 1225        | 1233         | rBV2     | 34185          | 71541         | 5.13%           | 0.425%        |
| 35        | 10.399      | 1235          | 1243        | 1252         | rVV      | 144229         | 257206        | 18.46%          | 1.526%        |
| 36        | 10.558      | 1265          | 1270        | 1271         | rBV5     | 1652           | 2242          | 0.16%           | 0.013%        |

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 ClientSampleId :  
 C0R14

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-BP040722.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |        |        |        |        |
|----|--------|------|------|------|-------|--------|--------|--------|--------|
| 37 | 10.781 | 1300 | 1308 | 1316 | rBV   | 246508 | 414538 | 29.75% | 2.460% |
| 38 | 10.910 | 1323 | 1330 | 1340 | rBV   | 109758 | 201197 | 14.44% | 1.194% |
| 39 | 11.310 | 1396 | 1398 | 1401 | rVV3  | 1848   | 2361   | 0.17%  | 0.014% |
| 40 | 11.569 | 1438 | 1442 | 1450 | rBV9  | 3799   | 8307   | 0.60%  | 0.049% |
| 41 | 11.816 | 1481 | 1484 | 1491 | rVB9  | 1529   | 3199   | 0.23%  | 0.019% |
| 42 | 12.363 | 1570 | 1577 | 1585 | rVB9  | 3758   | 7743   | 0.56%  | 0.046% |
| 43 | 12.446 | 1585 | 1591 | 1598 | rBV9  | 1238   | 3368   | 0.24%  | 0.020% |
| 44 | 12.652 | 1624 | 1626 | 1631 | rVB6  | 2164   | 2708   | 0.19%  | 0.016% |
| 45 | 13.081 | 1694 | 1699 | 1700 | rBV5  | 1755   | 2278   | 0.16%  | 0.014% |
| 46 | 13.163 | 1709 | 1713 | 1716 | rVV5  | 2257   | 2997   | 0.22%  | 0.018% |
| 47 | 13.363 | 1743 | 1747 | 1749 | rBV4  | 3377   | 4116   | 0.30%  | 0.024% |
| 48 | 13.452 | 1757 | 1762 | 1765 | rBV3  | 7452   | 9013   | 0.65%  | 0.053% |
| 49 | 13.499 | 1765 | 1770 | 1776 | rVB10 | 5092   | 9983   | 0.72%  | 0.059% |
| 50 | 13.934 | 1840 | 1844 | 1846 | rVB4  | 1748   | 2504   | 0.18%  | 0.015% |
| 51 | 14.010 | 1849 | 1857 | 1866 | rBV   | 351856 | 479293 | 34.40% | 2.844% |
| 52 | 14.110 | 1871 | 1874 | 1877 | rVV4  | 2207   | 3335   | 0.24%  | 0.020% |
| 53 | 14.157 | 1878 | 1882 | 1884 | rVB5  | 2446   | 2585   | 0.19%  | 0.015% |
| 54 | 14.293 | 1895 | 1905 | 1917 | rBV   | 313576 | 489162 | 35.11% | 2.903% |
| 55 | 14.522 | 1941 | 1944 | 1949 | rVB7  | 3669   | 5074   | 0.36%  | 0.030% |
| 56 | 14.604 | 1949 | 1958 | 1966 | rBV   | 427776 | 632164 | 45.37% | 3.751% |
| 57 | 14.687 | 1968 | 1972 | 1974 | rBV5  | 3341   | 4489   | 0.32%  | 0.027% |
| 58 | 14.775 | 1981 | 1987 | 1998 | rBV   | 173448 | 253634 | 18.20% | 1.505% |
| 59 | 14.887 | 2005 | 2006 | 2009 | rVB3  | 2724   | 2091   | 0.15%  | 0.012% |
| 60 | 14.928 | 2010 | 2013 | 2024 | rVB10 | 5817   | 8580   | 0.62%  | 0.051% |
| 61 | 15.016 | 2024 | 2028 | 2039 | rBV6  | 12565  | 19462  | 1.40%  | 0.115% |
| 62 | 15.146 | 2047 | 2050 | 2054 | rBV6  | 2149   | 2940   | 0.21%  | 0.017% |
| 63 | 15.416 | 2092 | 2096 | 2100 | rVB6  | 2883   | 3594   | 0.26%  | 0.021% |
| 64 | 15.469 | 2102 | 2105 | 2110 | rVB6  | 1840   | 2795   | 0.20%  | 0.017% |
| 65 | 15.593 | 2120 | 2126 | 2135 | rBV   | 468089 | 692093 | 49.67% | 4.107% |
| 66 | 15.698 | 2139 | 2144 | 2154 | rVV   | 125778 | 183493 | 13.17% | 1.089% |
| 67 | 15.769 | 2154 | 2156 | 2159 | rBV3  | 2618   | 2903   | 0.21%  | 0.017% |
| 68 | 15.834 | 2163 | 2167 | 2171 | rBV4  | 4724   | 6883   | 0.49%  | 0.041% |
| 69 | 16.016 | 2196 | 2198 | 2201 | rBV4  | 1532   | 1987   | 0.14%  | 0.012% |
| 70 | 16.334 | 2249 | 2252 | 2256 | rBV6  | 2227   | 3288   | 0.24%  | 0.020% |
| 71 | 16.487 | 2274 | 2278 | 2279 | rBV4  | 6145   | 7215   | 0.52%  | 0.043% |
| 72 | 16.898 | 2344 | 2348 | 2354 | rVB7  | 8386   | 13422  | 0.96%  | 0.080% |
| 73 | 17.128 | 2386 | 2387 | 2391 | rVB4  | 3692   | 4532   | 0.33%  | 0.027% |
| 74 | 17.257 | 2404 | 2409 | 2414 | rBV8  | 6558   | 11211  | 0.80%  | 0.067% |
| 75 | 17.357 | 2417 | 2426 | 2435 | rBV   | 583670 | 851419 | 61.11% | 5.052% |
| 76 | 17.451 | 2436 | 2442 | 2451 | rVB2  | 574173 | 829407 | 59.53% | 4.922% |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

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Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 17.592 | 2464 | 2466 | 2467 | rBV2 | 2900   | 1949    | 0.14%   | 0.012% |
| 78  | 17.710 | 2482 | 2486 | 2487 | rBV4 | 2857   | 4177    | 0.30%   | 0.025% |
| 79  | 17.863 | 2509 | 2512 | 2518 | rBV8 | 2938   | 6490    | 0.47%   | 0.039% |
| 80  | 18.034 | 2538 | 2541 | 2545 | rVB6 | 3606   | 4811    | 0.35%   | 0.029% |
| 81  | 18.134 | 2552 | 2558 | 2562 | rBV8 | 11212  | 20506   | 1.47%   | 0.122% |
| 82  | 18.187 | 2564 | 2567 | 2571 | rBV5 | 8955   | 9698    | 0.70%   | 0.058% |
| 83  | 18.239 | 2572 | 2576 | 2585 | rBV2 | 67381  | 98453   | 7.07%   | 0.584% |
| 84  | 18.522 | 2619 | 2624 | 2629 | rBV6 | 29624  | 50885   | 3.65%   | 0.302% |
| 85  | 19.357 | 2764 | 2766 | 2768 | rBV3 | 11299  | 10531   | 0.76%   | 0.062% |
| 86  | 19.475 | 2782 | 2786 | 2790 | rBV7 | 19649  | 27468   | 1.97%   | 0.163% |
| 87  | 19.681 | 2816 | 2821 | 2828 | rVB  | 888184 | 1148861 | 82.45%  | 6.817% |
| 88  | 21.145 | 3067 | 3070 | 3075 | rBV  | 234880 | 310169  | 22.26%  | 1.841% |
| 89  | 21.245 | 3079 | 3087 | 3100 | rVB  | 123440 | 498066  | 35.75%  | 2.955% |
| 90  | 21.433 | 3114 | 3119 | 3128 | rBV  | 839454 | 1144511 | 82.14%  | 6.791% |
| 91  | 21.616 | 3146 | 3150 | 3154 | rBV5 | 69829  | 112377  | 8.07%   | 0.667% |
| 92  | 22.092 | 3226 | 3231 | 3236 | rBV3 | 176510 | 283993  | 20.38%  | 1.685% |
| 93  | 23.186 | 3413 | 3417 | 3420 | rBV  | 185596 | 276980  | 19.88%  | 1.644% |
| 94  | 23.227 | 3420 | 3424 | 3431 | rVB2 | 306355 | 510977  | 36.67%  | 3.032% |
| 95  | 23.751 | 3506 | 3513 | 3521 | rVB2 | 674780 | 1393369 | 100.00% | 8.268% |
| 96  | 23.910 | 3534 | 3540 | 3551 | rVB2 | 649622 | 1343950 | 96.45%  | 7.975% |
| 97  | 24.210 | 3587 | 3591 | 3599 | rVB2 | 119949 | 224811  | 16.13%  | 1.334% |
| 98  | 24.616 | 3654 | 3660 | 3666 | rBV  | 219034 | 438363  | 31.46%  | 2.601% |
| 99  | 24.698 | 3668 | 3674 | 3682 | rVB2 | 270751 | 571664  | 41.03%  | 3.392% |
| 100 | 27.521 | 4148 | 4154 | 4171 | rVB5 | 298920 | 973921  | 69.90%  | 5.779% |

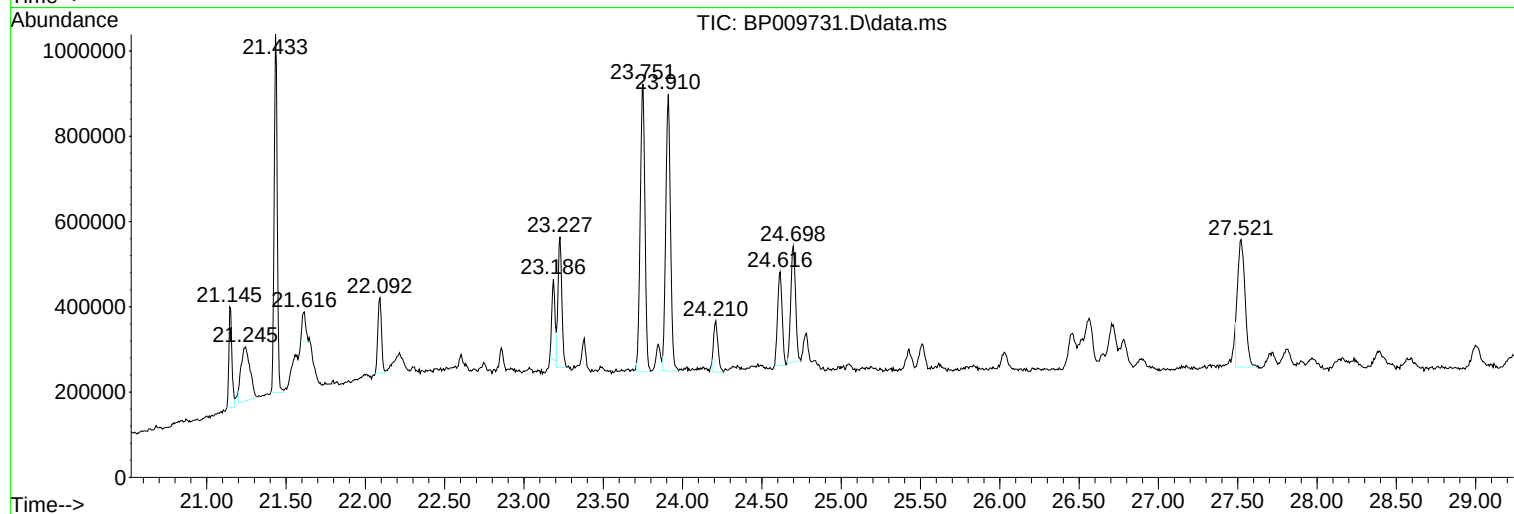
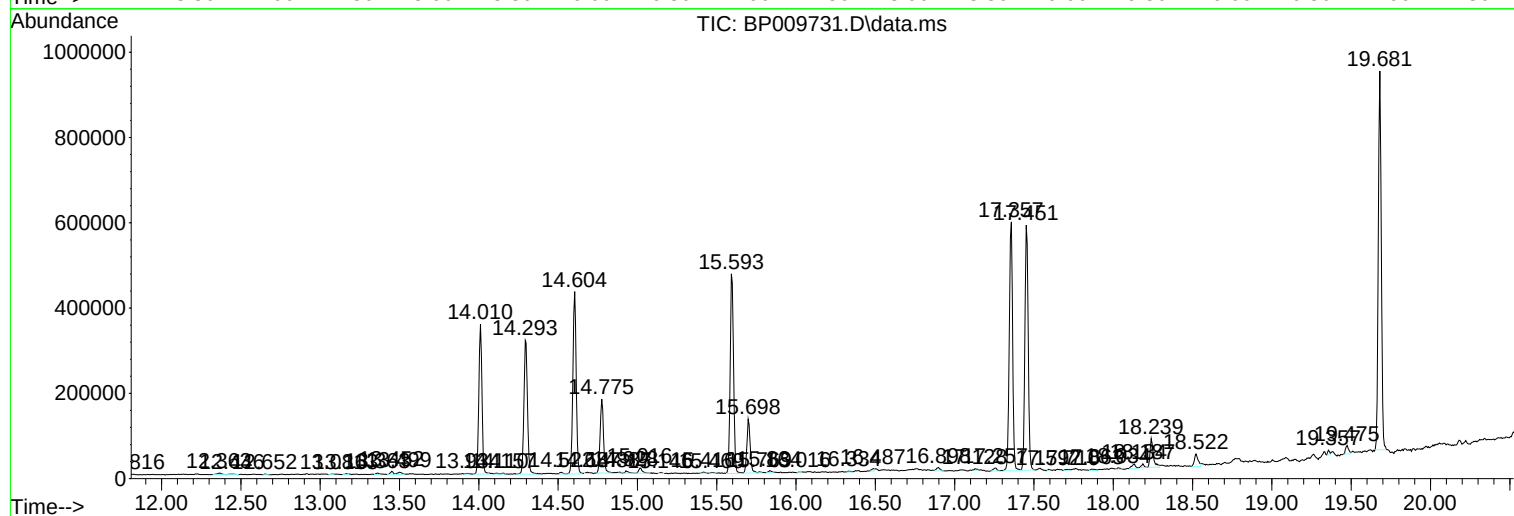
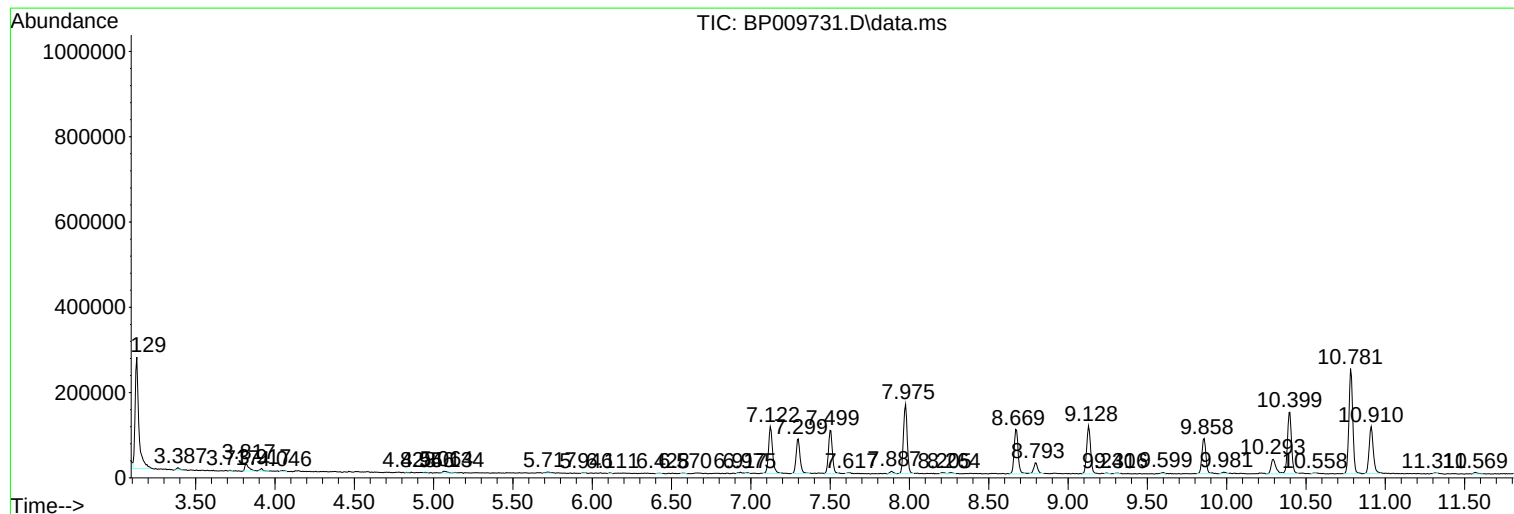
Sum of corrected areas: 16852226

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
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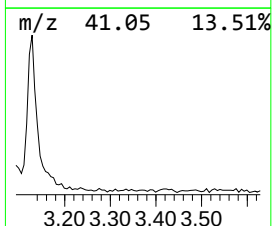
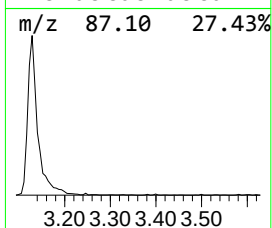
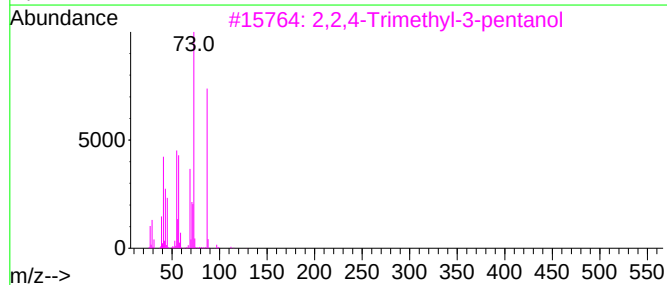
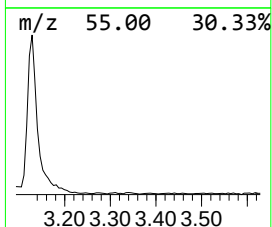
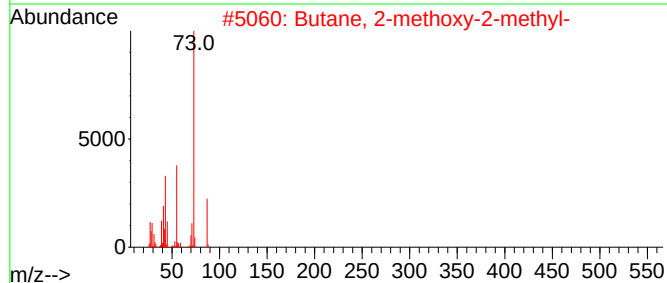
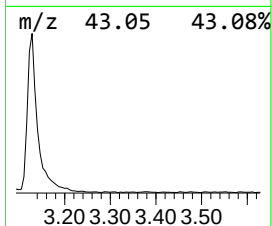
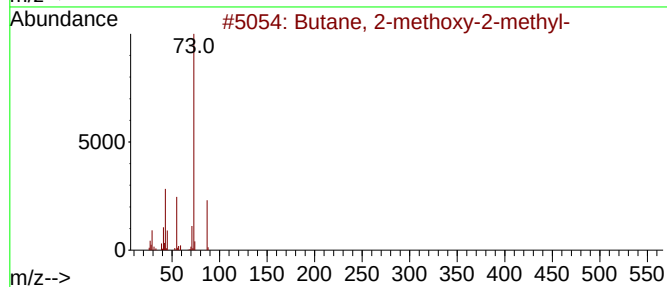
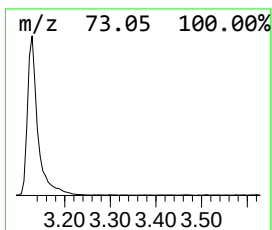
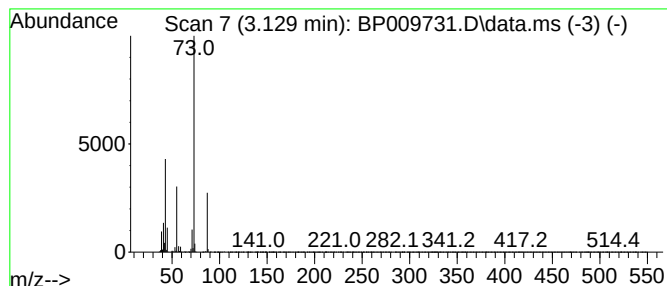
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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.  |
|-------|-------------|--------|------------------------|-------|
| 3.129 | 30.80 ng/ul | 409982 | 1,4-Dichlorobenzene-d4 | 7.975 |

| 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 | 72   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol          | 130 | C8H18O  | 005162-48-1 | 39   |
| 4    |    |   | Butanoic acid, 2-hydroxy-2-methy... | 132 | C6H12O3 | 032793-34-3 | 38   |
| 5    |    |   | Silane, tetramethyl-                | 88  | C4H12Si | 000075-76-3 | 35   |



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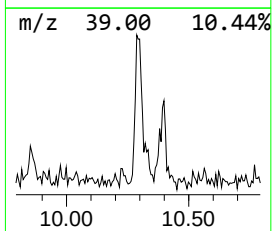
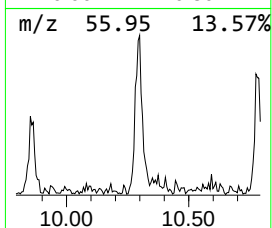
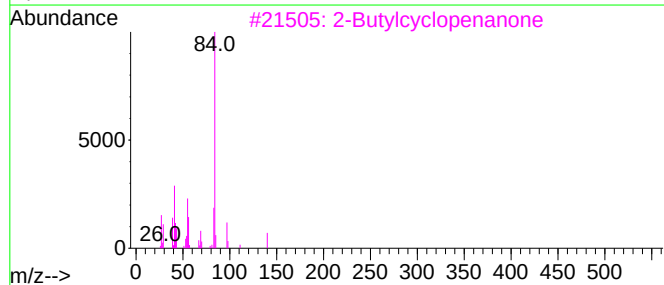
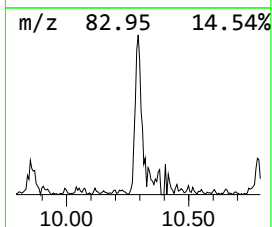
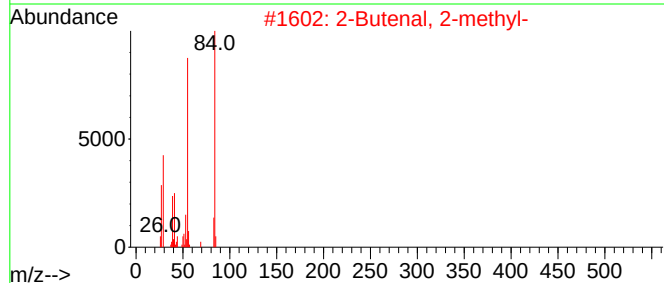
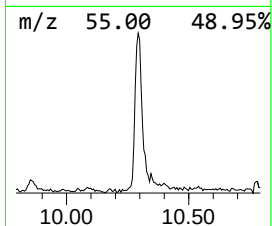
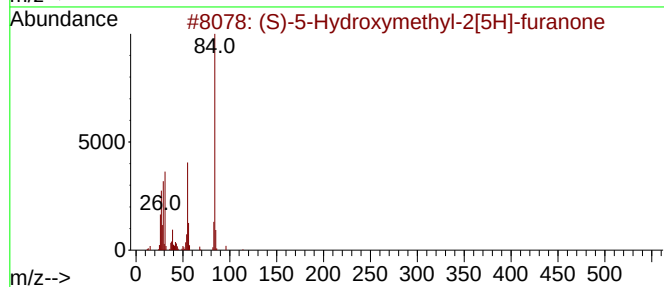
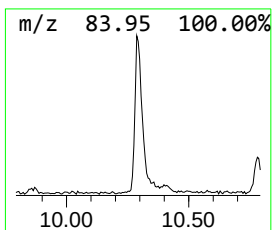
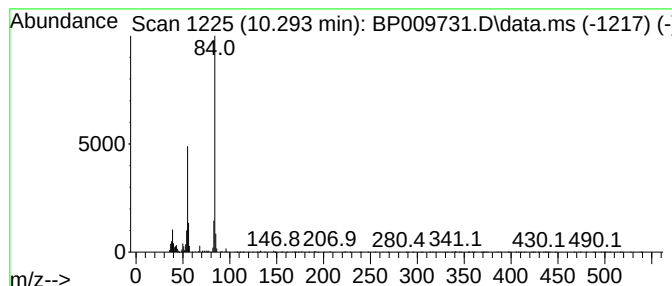
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 (S)-5-Hydroxymethyl-2[5H]-f... Concentration Rank 10

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 10.293 | 3.45 ng/ul | 71541 | Naphthalene-d8   | 10.781 |

| Hit# | of                                 | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | (S)-5-Hydroxymethyl-2[5H]-furanone | 114 | C5H6O3       | 078508-96-0  | 78      |      |      |
| 2    | 2-Butenal, 2-methyl-               | 84  | C5H8O        | 001115-11-3  | 64      |      |      |
| 3    | 2-Butylcyclohexanone               | 140 | C9H16O       | 1000433-20-1 | 56      |      |      |
| 4    | Amyl cyclopentenone                | 154 | C10H18O      | 004819-67-4  | 56      |      |      |
| 5    | 3-Aminoisoxazole                   | 84  | C3H4N2O      | 001750-42-1  | 50      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R14

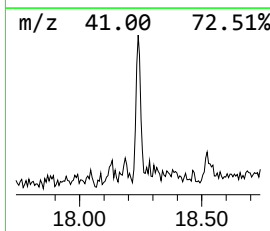
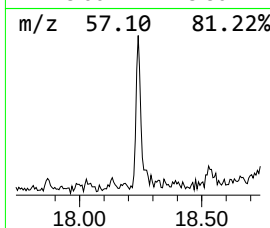
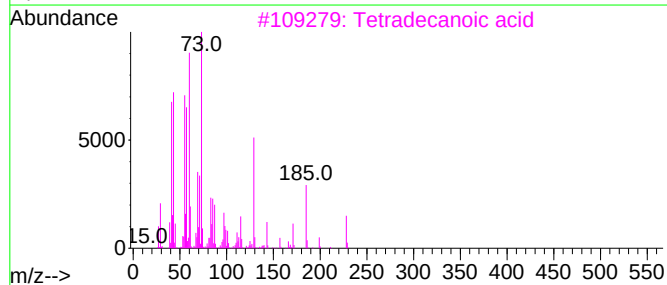
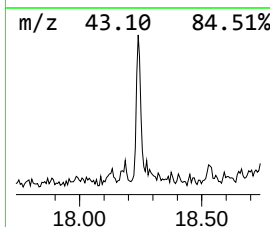
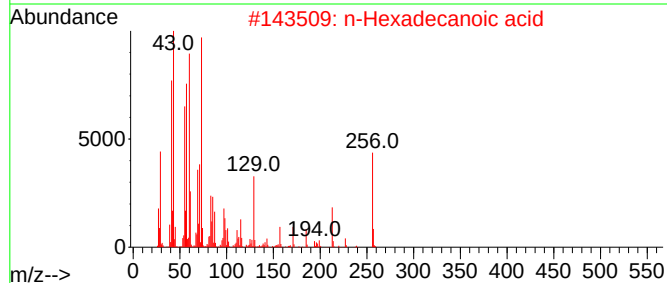
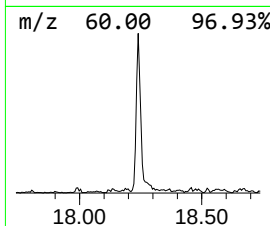
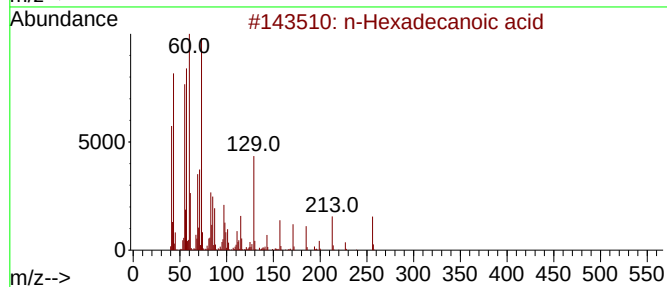
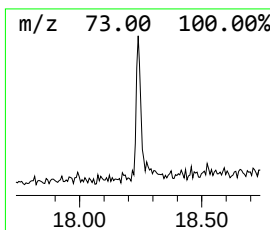
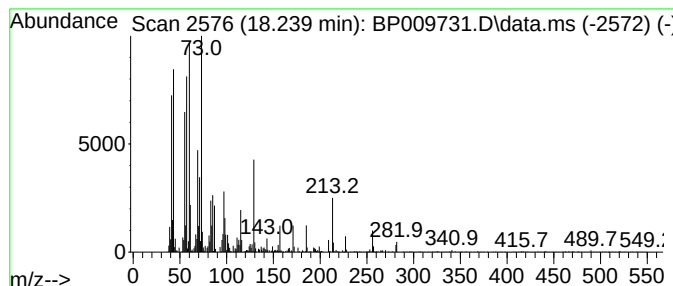
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 12

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.240 | 2.31 ng/ul | 98453 | Phenanthrene-d10 | 17.357 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

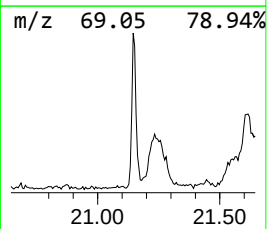
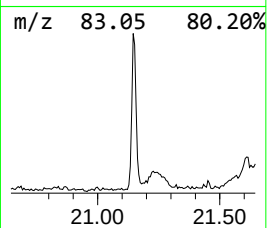
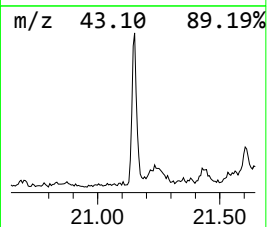
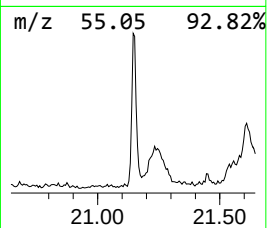
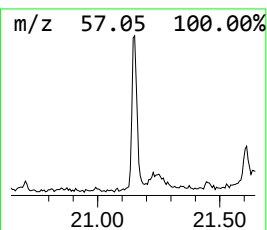
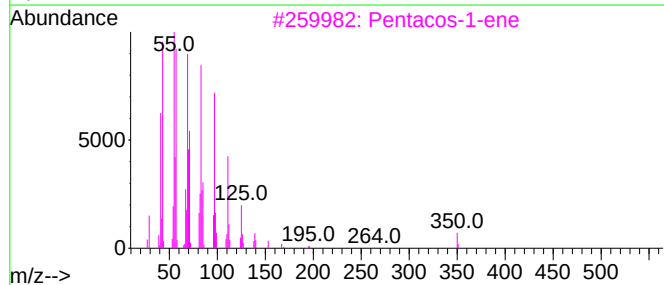
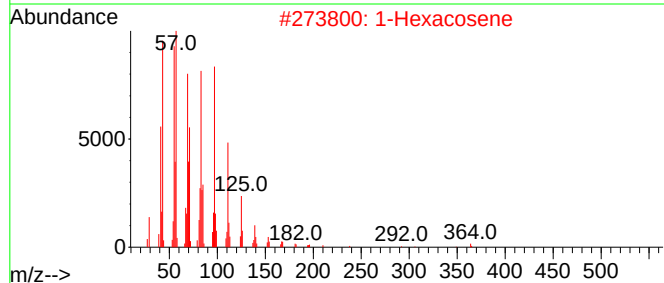
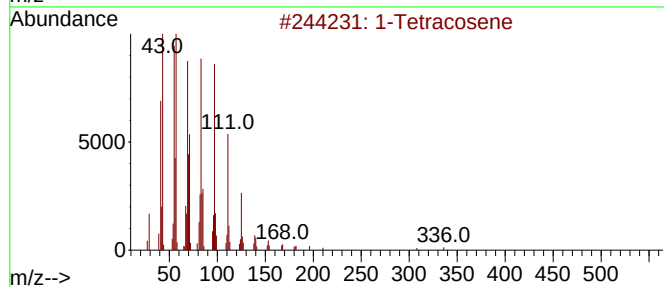
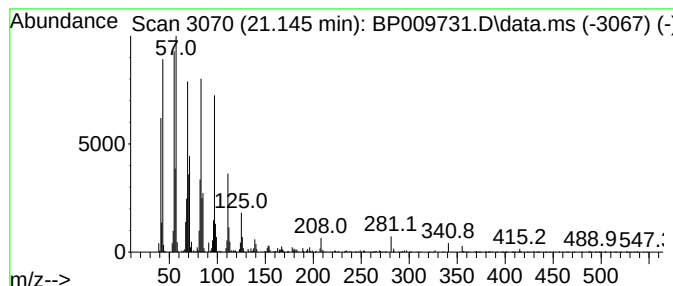
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 21.145    | 5.42 ng/ul                          | 310169 | Chrysene-d12     | 21.433      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Tetracosene                       | 336    | C24H48           | 010192-32-2 | 95   |
| 2         | 1-Hexacosene                        | 364    | C26H52           | 018835-33-1 | 94   |
| 3         | Pentacos-1-ene                      | 350    | C25H50           | 016980-85-1 | 94   |
| 4         | Trifluoroacetic acid, pentadecyl... | 324    | C17H31F3O2       | 959010-23-2 | 94   |
| 5         | Trifluoroacetoxy hexadecane         | 338    | C18H33F3O2       | 006222-03-3 | 93   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

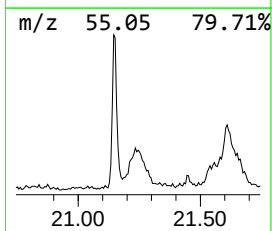
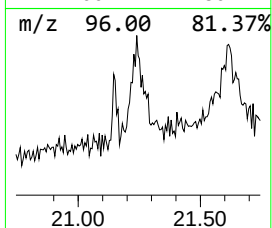
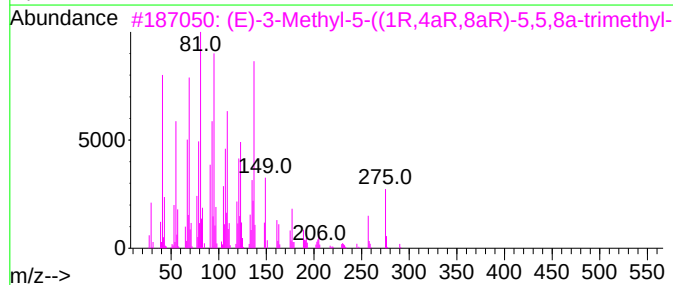
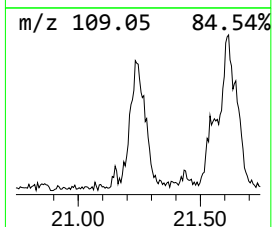
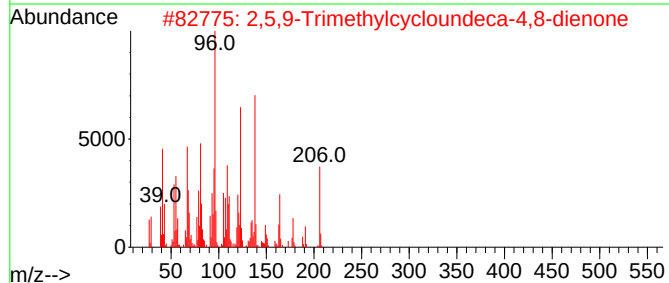
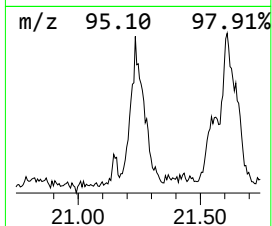
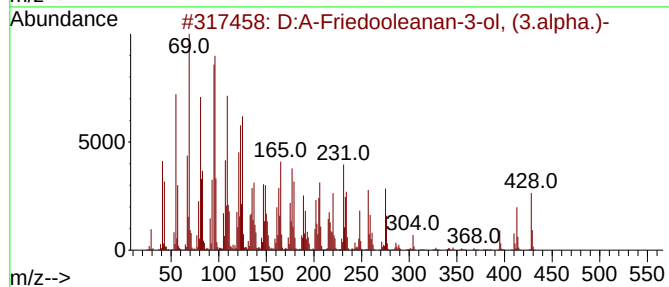
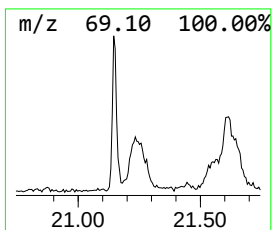
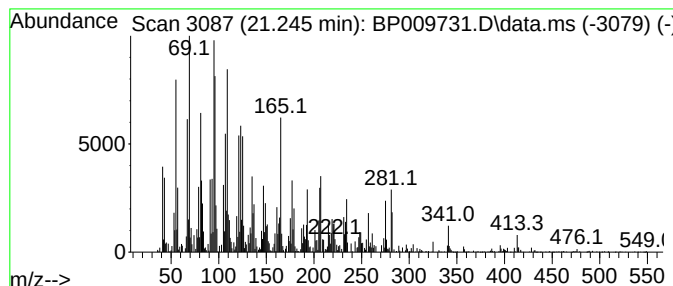
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 5 D:A-Friedooleanan-3-ol, (3.... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.245    | 8.70 ng/ul                          | 498066 | Chrysene-d12     | 21.433       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | D:A-Friedooleanan-3-ol, (3.alpha.)- | 428    | C30H52O          | 005085-72-3  | 87   |
| 2         | 2,5,9-Trimethylcycloundeca-4,8-d... | 206    | C14H22O          | 1000195-33-9 | 59   |
| 3         | (E)-3-Methyl-5-((1R,4aR,8aR)-5,5... | 290    | C20H34O          | 021738-29-4  | 38   |
| 4         | 2H-3,9a-Ethanocyclopent[b]oxocin... | 250    | C16H26O2         | 452049-69-3  | 35   |
| 5         | (+)-(Z)-Longipinane                 | 206    | C15H26           | 1000156-12-3 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COR14

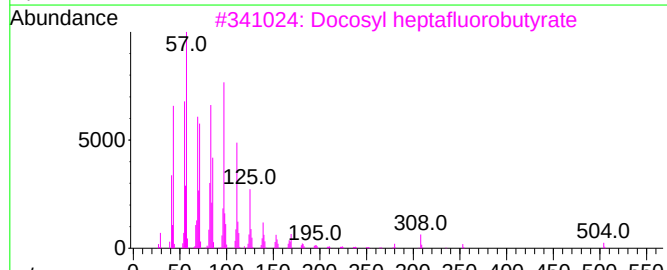
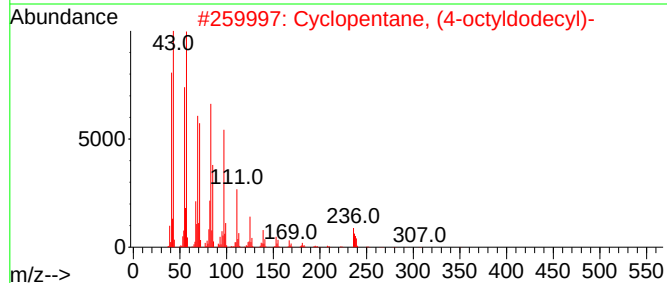
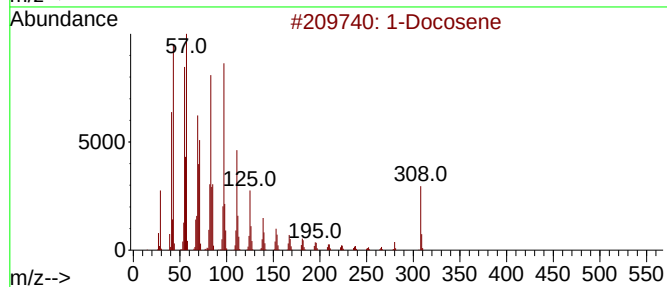
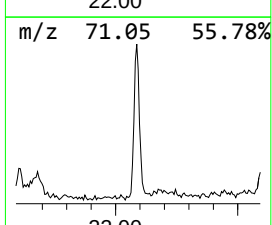
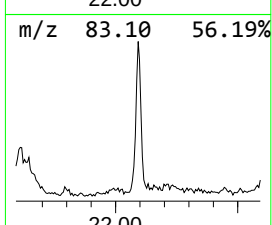
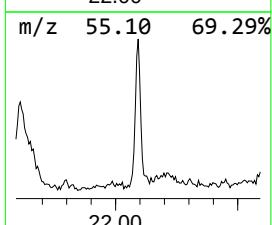
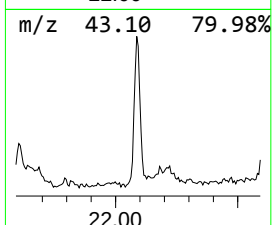
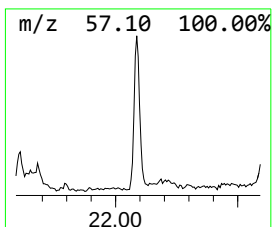
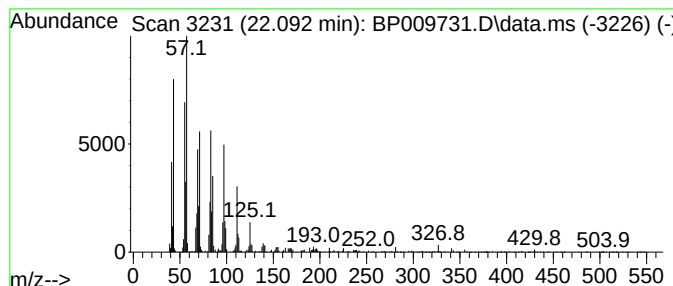
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.092 | 4.96 ng/ul | 283993 | Chrysene-d12     | 21.433 |

| Hit# | of                              | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|---------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Docosene                      |   |              | 308 | C22H44     | 001599-67-3  | 93   |
| 2    | Cyclopentane, (4-octyldodecyl)- |   |              | 350 | C25H50     | 005638-09-5  | 93   |
| 3    | Docosyl heptafluorobutyrate     |   |              | 522 | C26H45F7O2 | 1000351-83-1 | 91   |
| 4    | Eicosyl pentafluoropropionate   |   |              | 444 | C23H41F5O2 | 1000351-80-8 | 91   |
| 5    | Ethanol, 2-(tetradecyloxy)-     |   |              | 258 | C16H34O2   | 002136-70-1  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

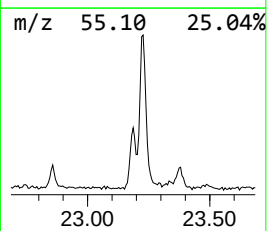
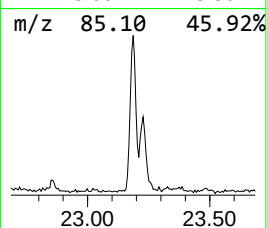
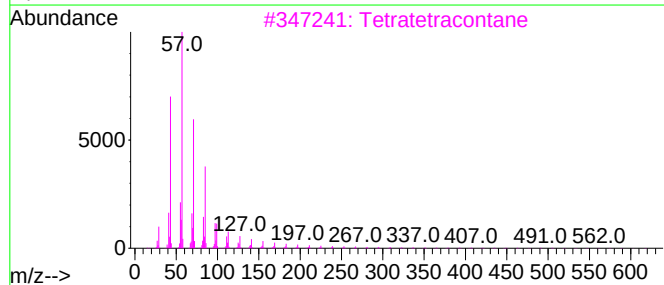
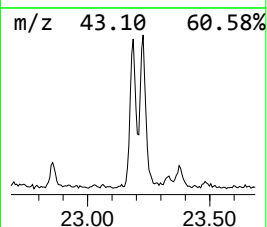
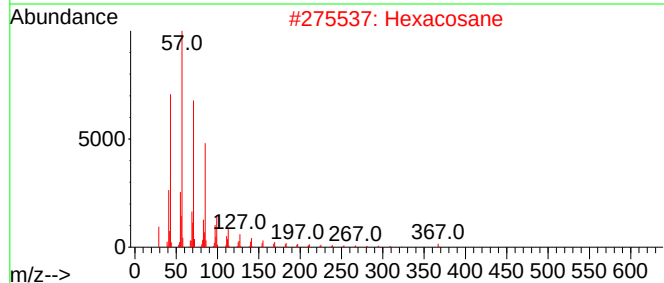
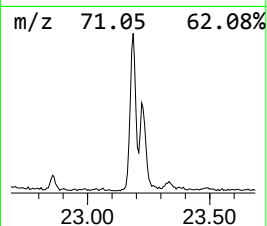
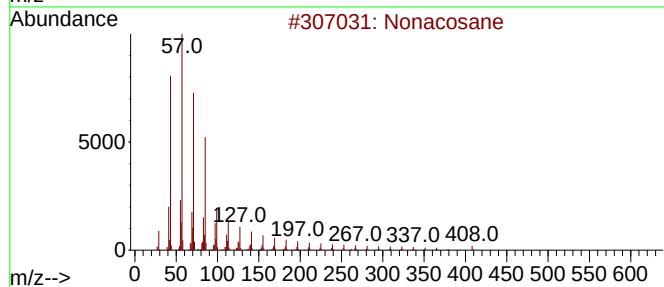
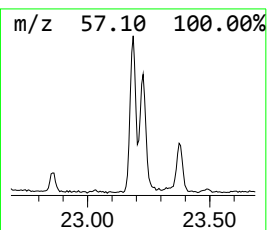
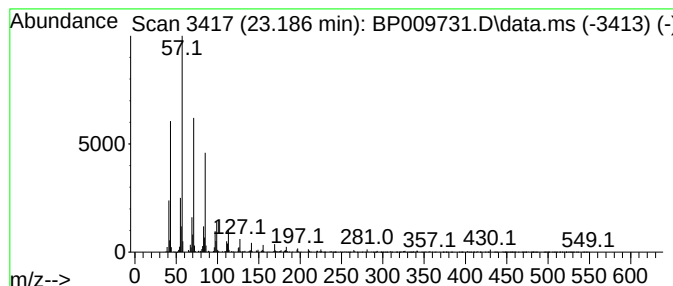
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.186 | 4.12 ng/ul | 276980 | Perylene-d12     | 23.910 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Nonacosane            | 408 | C29H60  | 000630-03-5 | 93   |
| 2    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 90   |
| 3    |      | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 90   |
| 4    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 90   |
| 5    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

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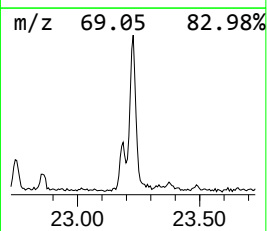
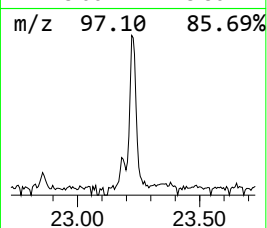
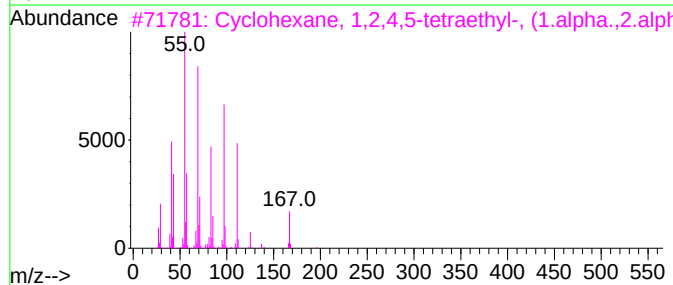
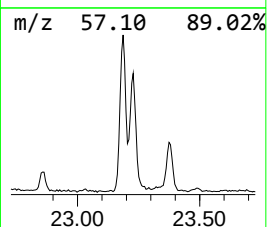
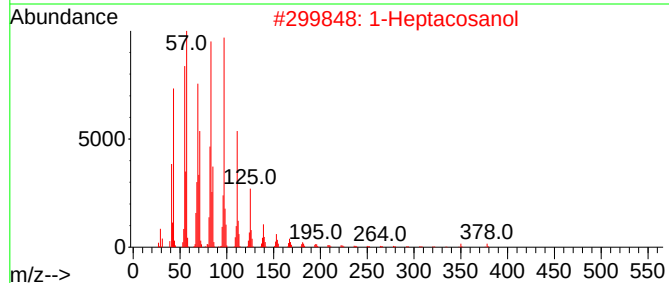
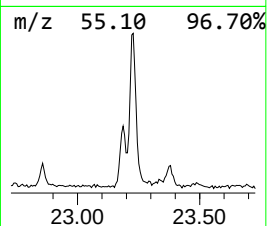
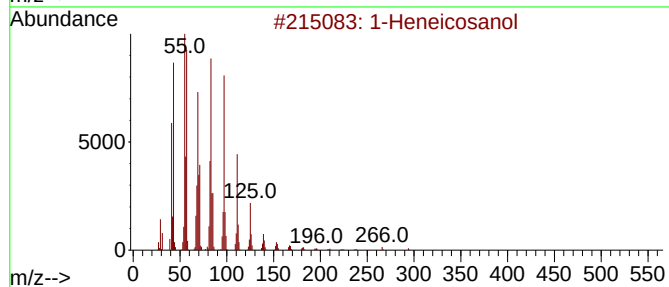
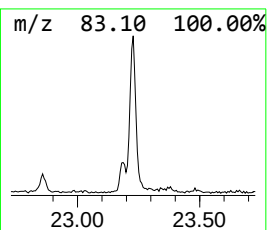
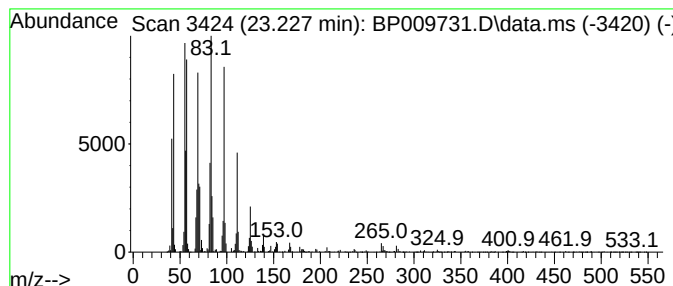
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 1-Heneicosanol Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.227 | 7.60 ng/ul | 510977 | Perylene-d12     | 23.910 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 94   |
| 2    |    |   | 1-Heptacosanol                      | 396 | C27H56O    | 002004-39-9 | 91   |
| 3    |    |   | Cyclohexane, 1,2,4,5-tetraethyl-... | 196 | C14H28     | 061142-24-3 | 60   |
| 4    |    |   | 1-Octadecanol                       | 270 | C18H38O    | 000112-92-5 | 58   |
| 5    |    |   | Bromoacetic acid, pentadecyl ester  | 348 | C17H33BrO2 | 131143-01-6 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COR14

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Quant Title : SVOA CALIBRATION

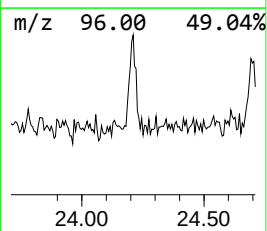
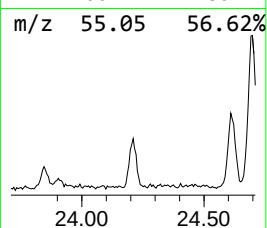
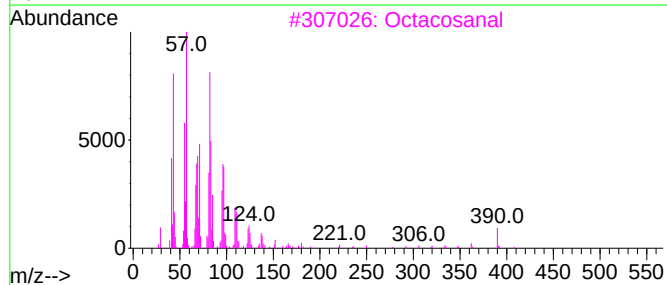
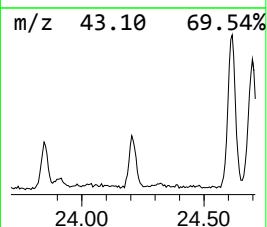
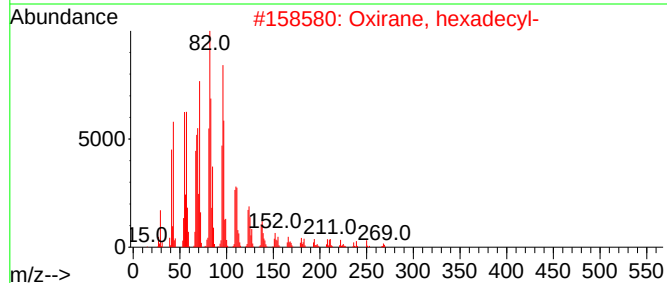
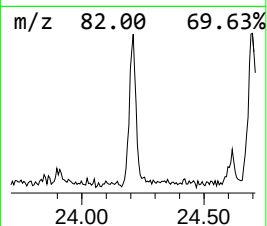
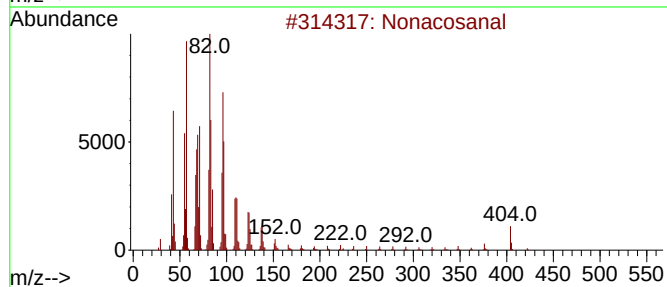
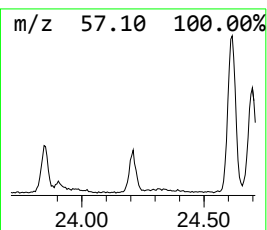
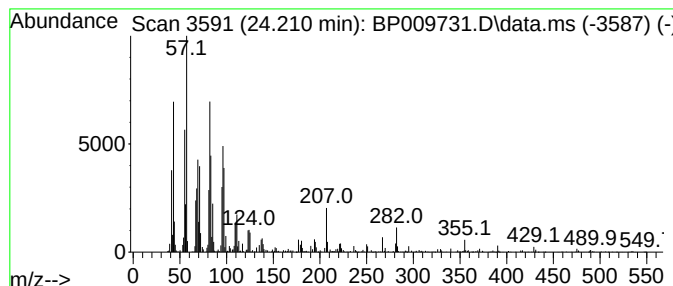
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Nonacosanal Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.210 | 3.35 ng/ul | 224811 | Perylene-d12     | 23.910 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm   | CAS#        | Qual |
|------|----|---|---------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Nonacosanal                     | 422 | C29H58O   | 072934-04-4 | 91   |
| 2    |    |   | Oxirane, hexadecyl-             | 268 | C18H36O   | 007390-81-0 | 87   |
| 3    |    |   | Octacosanal                     | 408 | C28H56O   | 022725-64-0 | 74   |
| 4    |    |   | Oxirane, hexadecyl-             | 268 | C18H36O   | 007390-81-0 | 70   |
| 5    |    |   | erythro-9,10-Dibromopentacosane | 508 | C25H50Br2 | 059907-02-7 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R14

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

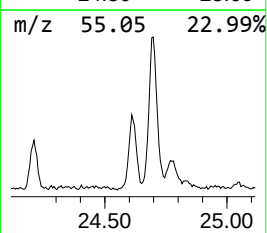
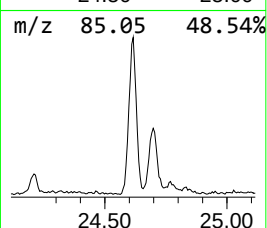
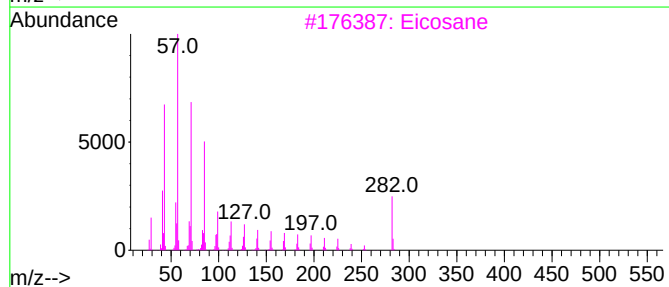
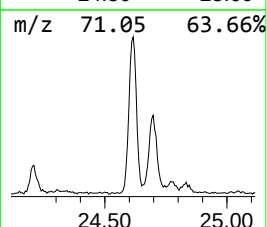
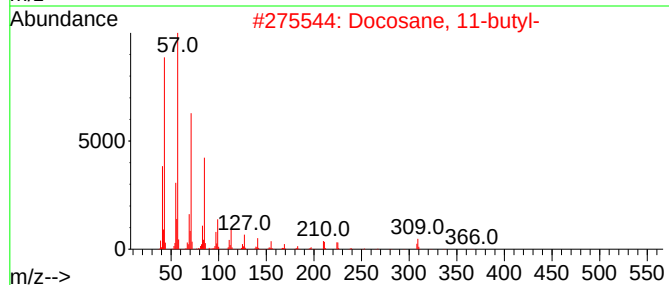
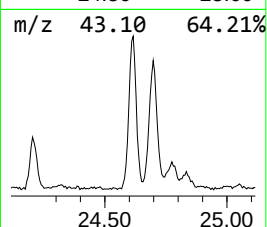
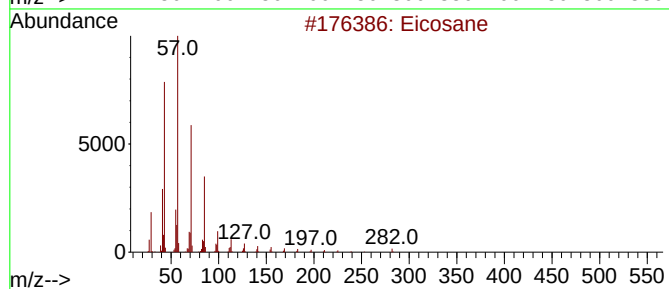
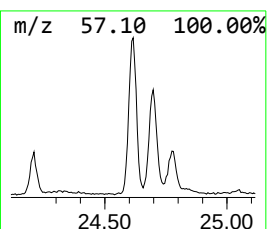
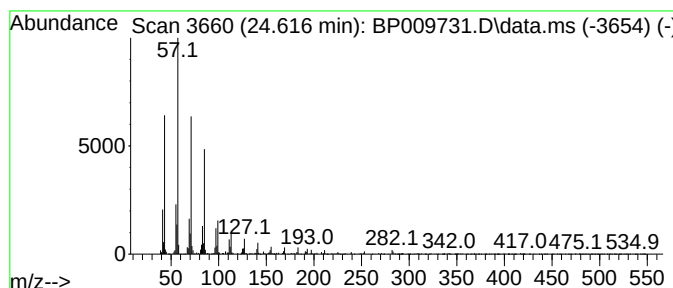
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.616 | 6.52 ng/ul | 438363 | Perylene-d12     | 23.910 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Eicosane              | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |      | Docosane, 11-butyl-   | 366 | C26H54  | 013475-76-8 | 95   |
| 3    |      | Eicosane              | 282 | C20H42  | 000112-95-8 | 94   |
| 4    |      | Docosane, 9-butyl-    | 366 | C26H54  | 055282-14-9 | 94   |
| 5    |      | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R14

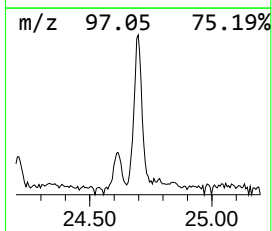
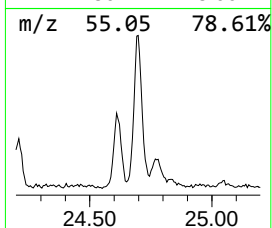
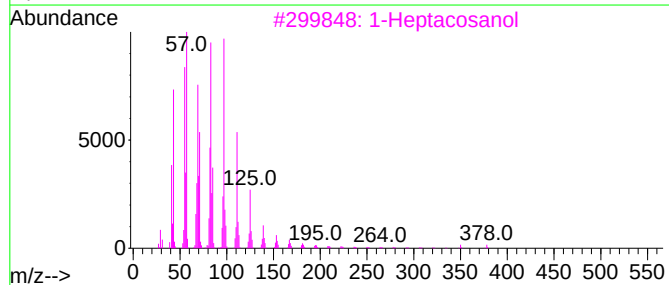
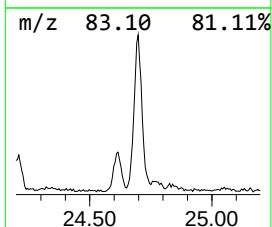
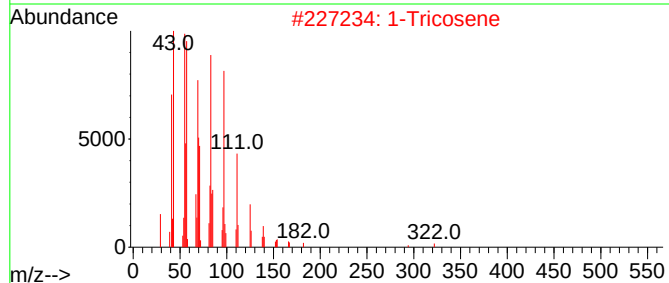
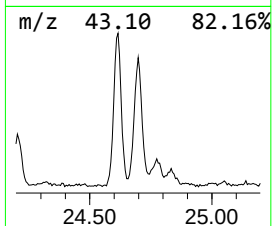
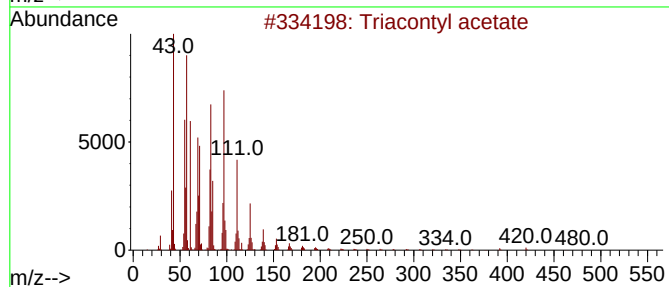
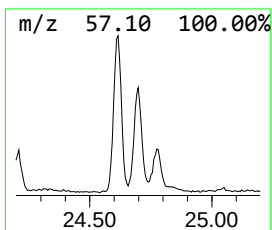
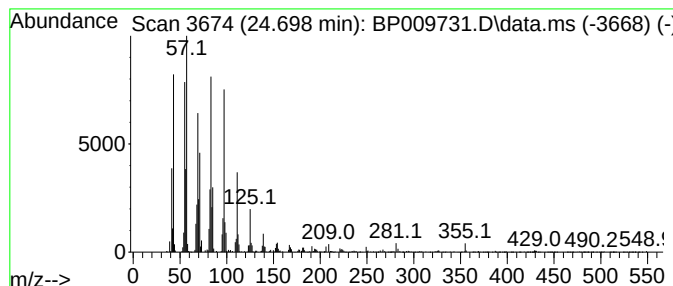
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 Triacontyl acetate Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.698 | 8.51 ng/ul | 571664 | Perylene-d12     | 23.910 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Triacontyl acetate | 480 | C32H64O2 | 041755-58-2 | 99   |
| 2    |    |   | 1-Tricosene        | 322 | C23H46   | 018835-32-0 | 94   |
| 3    |    |   | 1-Heptacosanol     | 396 | C27H56O  | 002004-39-9 | 93   |
| 4    |    |   | n-Tetracosanol-1   | 354 | C24H50O  | 000506-51-4 | 93   |
| 5    |    |   | Octacosanol        | 410 | C28H58O  | 000557-61-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009731.D  
Acq On : 08 Apr 2022 23:17  
Operator : CG/JU  
Sample : N2182-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R14

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

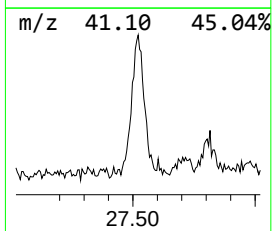
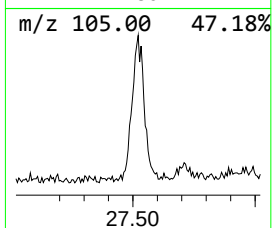
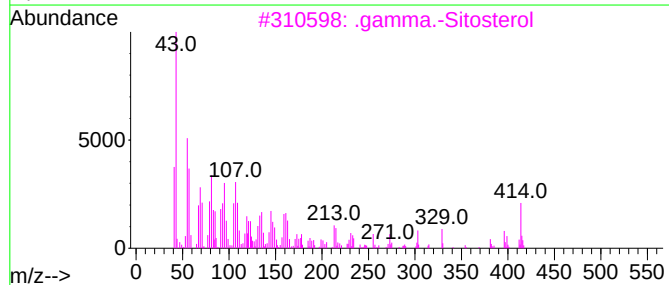
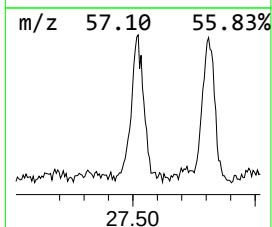
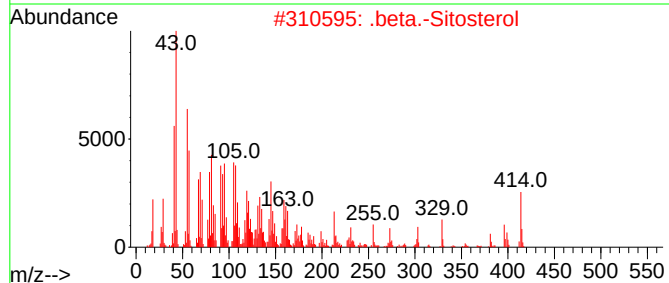
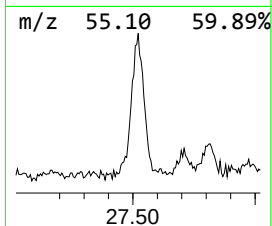
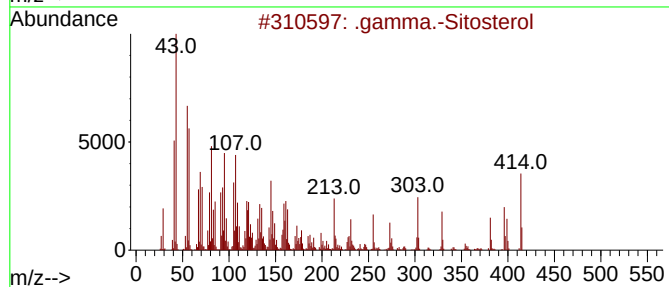
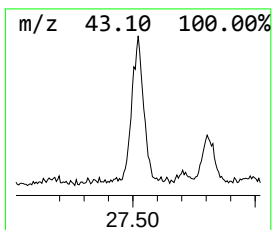
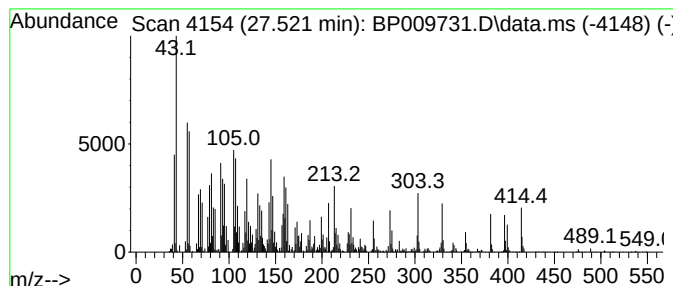
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 .gamma.-Sitosterol Concentration Rank 2

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 27.521 | 14.49 ng/ul | 973921 | Perylene-d12     | 23.910 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | .gamma.-Sitosterol                  | 414 | C29H50O | 000083-47-6  | 95   |
| 2    |      | .beta.-Sitosterol                   | 414 | C29H50O | 000083-46-5  | 91   |
| 3    |      | .gamma.-Sitosterol                  | 414 | C29H50O | 000083-47-6  | 64   |
| 4    |      | Stigmasta-3,5-diene                 | 396 | C29H48  | 004970-37-0  | 38   |
| 5    |      | 17-(1,5-Dimethylhexyl)-10,13-dim... | 414 | C29H50O | 1000210-86-9 | 35   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
 Data File : BP009731.D  
 Acq On : 08 Apr 2022 23:17  
 Operator : CG/JU  
 Sample : N2182-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0R14

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.129  | 30.8    | ng/ul | 409982   | 1                     | 7.975  | 266252  | 20.0 |
| (S)-5-Hydroxyme... | 10.293 | 3.5     | ng/ul | 71541    | 2                     | 10.781 | 414538  | 20.0 |
| n-Hexadecanoic ... | 18.240 | 2.3     | ng/ul | 98453    | 4                     | 17.357 | 851419  | 20.0 |
| (DEL) Alkane: S... | 21.145 | 5.4     | ng/ul | 310169   | 5                     | 21.433 | 1144510 | 20.0 |
| D:A-Friedoolean... | 21.245 | 8.7     | ng/ul | 498066   | 5                     | 21.433 | 1144510 | 20.0 |
| (DEL) Alkane: S... | 22.092 | 5.0     | ng/ul | 283993   | 5                     | 21.433 | 1144510 | 20.0 |
| (DEL) Alkane: S... | 23.186 | 4.1     | ng/ul | 276980   | 6                     | 23.910 | 1343950 | 20.0 |
| 1-Heneicosanol     | 23.227 | 7.6     | ng/ul | 510977   | 6                     | 23.910 | 1343950 | 20.0 |
| Nonacosanal        | 24.210 | 3.4     | ng/ul | 224811   | 6                     | 23.910 | 1343950 | 20.0 |
| (DEL) Alkane: S... | 24.616 | 6.5     | ng/ul | 438363   | 6                     | 23.910 | 1343950 | 20.0 |
| Triacetyl acetate  | 24.698 | 8.5     | ng/ul | 571664   | 6                     | 23.910 | 1343950 | 20.0 |
| .gamma.-Sitosterol | 27.521 | 14.5    | ng/ul | 973921   | 6                     | 23.910 | 1343950 | 20.0 |