

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
 Data File : BP009721.D  
 Acq On : 08 Apr 2022 17:04  
 Operator : CG/JU  
 Sample : N2182-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0R18

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: BP009721.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         | 3.128       | 3             | 7           | 28           | rVB      | 629737         | 949885        | 30.57%          | 2.636%        |
| 2         | 3.393       | 48            | 52          | 61           | rVB      | 17789          | 30381         | 0.98%           | 0.084%        |
| 3         | 3.811       | 119           | 123         | 135          | rBV      | 113892         | 192593        | 6.20%           | 0.535%        |
| 4         | 4.058       | 161           | 165         | 169          | rVB4     | 4361           | 6656          | 0.21%           | 0.018%        |
| 5         | 4.146       | 175           | 180         | 187          | rVB5     | 7641           | 13424         | 0.43%           | 0.037%        |
| 6         | 5.069       | 330           | 337         | 343          | rBV2     | 9817           | 16742         | 0.54%           | 0.046%        |
| 7         | 6.987       | 657           | 663         | 667          | rVB6     | 2620           | 4500          | 0.14%           | 0.012%        |
| 8         | 7.128       | 678           | 687         | 698          | rBV      | 361667         | 657188        | 21.15%          | 1.824%        |
| 9         | 7.299       | 706           | 716         | 727          | rBV      | 305430         | 500152        | 16.10%          | 1.388%        |
| 10        | 7.369       | 727           | 728         | 737          | rVB5     | 3265           | 4495          | 0.14%           | 0.012%        |
| 11        | 7.505       | 744           | 751         | 761          | rBV      | 316426         | 511137        | 16.45%          | 1.419%        |
| 12        | 7.610       | 764           | 769         | 776          | rVB9     | 3270           | 7250          | 0.23%           | 0.020%        |
| 13        | 7.975       | 824           | 831         | 840          | rBV      | 337248         | 545722        | 17.56%          | 1.515%        |
| 14        | 8.046       | 840           | 843         | 847          | rVB3     | 4692           | 6846          | 0.22%           | 0.019%        |
| 15        | 8.234       | 870           | 875         | 880          | rVB8     | 2894           | 4534          | 0.15%           | 0.013%        |
| 16        | 8.675       | 941           | 950         | 964          | rBV      | 534453         | 870621        | 28.02%          | 2.416%        |
| 17        | 8.799       | 964           | 971         | 978          | rVB      | 41455          | 70669         | 2.27%           | 0.196%        |
| 18        | 9.134       | 1020          | 1028        | 1039         | rBV      | 402862         | 688581        | 22.16%          | 1.911%        |
| 19        | 9.310       | 1052          | 1058        | 1064         | rVB9     | 3118           | 6761          | 0.22%           | 0.019%        |
| 20        | 9.493       | 1082          | 1089        | 1095         | rBV3     | 10018          | 17109         | 0.55%           | 0.047%        |
| 21        | 9.857       | 1140          | 1151        | 1158         | rBV      | 157646         | 269344        | 8.67%           | 0.748%        |
| 22        | 9.981       | 1168          | 1172        | 1180         | rVB5     | 6844           | 12276         | 0.40%           | 0.034%        |
| 23        | 10.216      | 1208          | 1212        | 1219         | rVB6     | 5084           | 8431          | 0.27%           | 0.023%        |
| 24        | 10.351      | 1229          | 1235        | 1236         | rBV6     | 2964           | 4269          | 0.14%           | 0.012%        |
| 25        | 10.398      | 1236          | 1243        | 1258         | rVB      | 410055         | 694200        | 22.34%          | 1.927%        |
| 26        | 10.610      | 1270          | 1279        | 1284         | rBV7     | 8101           | 17297         | 0.56%           | 0.048%        |
| 27        | 10.787      | 1301          | 1309        | 1319         | rBV      | 493366         | 831327        | 26.76%          | 2.307%        |
| 28        | 10.910      | 1322          | 1330        | 1343         | rBV      | 488188         | 862881        | 27.77%          | 2.395%        |
| 29        | 11.204      | 1374          | 1380        | 1385         | rBV7     | 3601           | 8125          | 0.26%           | 0.023%        |
| 30        | 11.316      | 1392          | 1399        | 1402         | rBV9     | 5017           | 10026         | 0.32%           | 0.028%        |
| 31        | 11.351      | 1402          | 1405        | 1410         | rVV6     | 5810           | 9257          | 0.30%           | 0.026%        |
| 32        | 11.569      | 1436          | 1442        | 1451         | rBV9     | 5509           | 12708         | 0.41%           | 0.035%        |
| 33        | 12.128      | 1532          | 1537        | 1545         | rVB9     | 3526           | 7204          | 0.23%           | 0.020%        |
| 34        | 12.263      | 1550          | 1560        | 1567         | rBV      | 22284          | 41717         | 1.34%           | 0.116%        |
| 35        | 12.375      | 1572          | 1579        | 1583         | rBV3     | 10801          | 19240         | 0.62%           | 0.053%        |
| 36        | 12.887      | 1659          | 1666        | 1668         | rBV8     | 3629           | 6143          | 0.20%           | 0.017%        |

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 Operator : CG/JU  
 Sample : N2182-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0R18

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 | 13.192 | 1710 | 1718 | 1721 | rBV9  | 3637    | 6183    | 0.20%  | 0.017% |
| 38 | 13.345 | 1739 | 1744 | 1748 | rBV6  | 3851    | 7475    | 0.24%  | 0.021% |
| 39 | 13.451 | 1757 | 1762 | 1769 | rBV10 | 6259    | 10291   | 0.33%  | 0.029% |
| 40 | 13.539 | 1769 | 1777 | 1780 | rVV8  | 3100    | 7588    | 0.24%  | 0.021% |
| 41 | 13.581 | 1780 | 1784 | 1788 | rVB7  | 2932    | 4630    | 0.15%  | 0.013% |
| 42 | 13.904 | 1833 | 1839 | 1846 | rBV   | 49769   | 82000   | 2.64%  | 0.228% |
| 43 | 14.016 | 1851 | 1858 | 1864 | rBV   | 1126191 | 1544777 | 49.72% | 4.288% |
| 44 | 14.063 | 1864 | 1866 | 1871 | rVB6  | 4566    | 6434    | 0.21%  | 0.018% |
| 45 | 14.298 | 1896 | 1906 | 1918 | rBV   | 1167467 | 1734643 | 55.83% | 4.815% |
| 46 | 14.498 | 1934 | 1940 | 1950 | rVB3  | 25397   | 55676   | 1.79%  | 0.155% |
| 47 | 14.604 | 1950 | 1958 | 1972 | rBV   | 805260  | 1235255 | 39.76% | 3.429% |
| 48 | 14.781 | 1984 | 1988 | 1993 | rBV8  | 3220    | 5153    | 0.17%  | 0.014% |
| 49 | 14.869 | 1999 | 2003 | 2006 | rVB5  | 2679    | 3997    | 0.13%  | 0.011% |
| 50 | 14.934 | 2010 | 2014 | 2017 | rBV6  | 2970    | 4774    | 0.15%  | 0.013% |
| 51 | 15.022 | 2022 | 2029 | 2037 | rVV5  | 19944   | 33857   | 1.09%  | 0.094% |
| 52 | 15.110 | 2041 | 2044 | 2048 | rVV5  | 5462    | 7900    | 0.25%  | 0.022% |
| 53 | 15.245 | 2060 | 2067 | 2072 | rBV5  | 2605    | 4015    | 0.13%  | 0.011% |
| 54 | 15.428 | 2092 | 2098 | 2102 | rBV8  | 5062    | 8257    | 0.27%  | 0.023% |
| 55 | 15.598 | 2117 | 2127 | 2140 | rBV   | 1568389 | 2225915 | 71.64% | 6.178% |
| 56 | 15.710 | 2142 | 2146 | 2150 | rVB7  | 2882    | 4717    | 0.15%  | 0.013% |
| 57 | 15.839 | 2163 | 2168 | 2176 | rVB2  | 15870   | 28101   | 0.90%  | 0.078% |
| 58 | 16.228 | 2231 | 2234 | 2238 | rBV3  | 6217    | 8037    | 0.26%  | 0.022% |
| 59 | 16.310 | 2242 | 2248 | 2255 | rVV3  | 11334   | 25100   | 0.81%  | 0.070% |
| 60 | 16.410 | 2257 | 2265 | 2271 | rVB2  | 32265   | 57594   | 1.85%  | 0.160% |
| 61 | 16.563 | 2287 | 2291 | 2295 | rBV6  | 2480    | 4033    | 0.13%  | 0.011% |
| 62 | 16.733 | 2317 | 2320 | 2322 | rBV4  | 4204    | 4542    | 0.15%  | 0.013% |
| 63 | 17.033 | 2368 | 2371 | 2377 | rVB8  | 4284    | 7468    | 0.24%  | 0.021% |
| 64 | 17.116 | 2377 | 2385 | 2394 | rBV2  | 64288   | 117689  | 3.79%  | 0.327% |
| 65 | 17.357 | 2419 | 2426 | 2436 | rBV   | 1091293 | 1573573 | 50.65% | 4.368% |
| 66 | 17.457 | 2436 | 2443 | 2450 | rVV   | 1786083 | 2505279 | 80.64% | 6.954% |
| 67 | 17.504 | 2450 | 2451 | 2455 | rVB3  | 7848    | 7528    | 0.24%  | 0.021% |
| 68 | 17.757 | 2488 | 2494 | 2495 | rBV6  | 3710    | 5939    | 0.19%  | 0.016% |
| 69 | 18.004 | 2533 | 2536 | 2540 | rBV5  | 2984    | 5498    | 0.18%  | 0.015% |
| 70 | 18.039 | 2540 | 2542 | 2546 | rVB5  | 4153    | 4577    | 0.15%  | 0.013% |
| 71 | 18.127 | 2553 | 2557 | 2560 | rBV6  | 6371    | 11346   | 0.37%  | 0.031% |
| 72 | 18.245 | 2573 | 2577 | 2584 | rBV3  | 38635   | 56193   | 1.81%  | 0.156% |
| 73 | 18.316 | 2586 | 2589 | 2592 | rVB4  | 4762    | 6207    | 0.20%  | 0.017% |
| 74 | 18.551 | 2624 | 2629 | 2631 | rBV6  | 5497    | 8275    | 0.27%  | 0.023% |
| 75 | 18.698 | 2652 | 2654 | 2659 | rVB6  | 5102    | 7058    | 0.23%  | 0.020% |
| 76 | 18.792 | 2668 | 2670 | 2675 | rVB3  | 9586    | 9308    | 0.30%  | 0.026% |

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Instrument :  
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Integration Parameters: LSCINT.P

Integrator: RTE

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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

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 19.004 | 2704 | 2706 | 2712 | rBV5 | 8847    | 11556   | 0.37%   | 0.032% |
| 78  | 19.092 | 2716 | 2721 | 2727 | rVB8 | 16516   | 30290   | 0.97%   | 0.084% |
| 79  | 19.151 | 2729 | 2731 | 2734 | rVB4 | 6330    | 5625    | 0.18%   | 0.016% |
| 80  | 19.233 | 2741 | 2745 | 2748 | rBV  | 59881   | 85721   | 2.76%   | 0.238% |
| 81  | 19.263 | 2748 | 2750 | 2757 | rVB2 | 30246   | 35629   | 1.15%   | 0.099% |
| 82  | 19.333 | 2758 | 2762 | 2765 | rBV  | 25907   | 34188   | 1.10%   | 0.095% |
| 83  | 19.474 | 2783 | 2786 | 2791 | rBV6 | 10416   | 13427   | 0.43%   | 0.037% |
| 84  | 19.622 | 2809 | 2811 | 2815 | rBV5 | 7183    | 8739    | 0.28%   | 0.024% |
| 85  | 19.686 | 2816 | 2822 | 2829 | rBV  | 2281077 | 3106905 | 100.00% | 8.623% |
| 86  | 20.186 | 2904 | 2907 | 2910 | rBV4 | 20933   | 25556   | 0.82%   | 0.071% |
| 87  | 20.227 | 2911 | 2914 | 2917 | rVB2 | 22856   | 25465   | 0.82%   | 0.071% |
| 88  | 20.686 | 2990 | 2992 | 2995 | rBV3 | 23732   | 31937   | 1.03%   | 0.089% |
| 89  | 21.104 | 3060 | 3063 | 3067 | rBV5 | 39918   | 63198   | 2.03%   | 0.175% |
| 90  | 21.157 | 3067 | 3072 | 3077 | rVV2 | 456792  | 663670  | 21.36%  | 1.842% |
| 91  | 21.439 | 3115 | 3120 | 3125 | rBV  | 1399528 | 1800262 | 57.94%  | 4.997% |
| 92  | 22.092 | 3226 | 3231 | 3240 | rVB2 | 675493  | 1090179 | 35.09%  | 3.026% |
| 93  | 23.192 | 3413 | 3418 | 3421 | rBV  | 283145  | 485442  | 15.62%  | 1.347% |
| 94  | 23.233 | 3421 | 3425 | 3433 | rVB  | 719680  | 1183595 | 38.10%  | 3.285% |
| 95  | 23.757 | 3506 | 3514 | 3522 | rVB2 | 1548984 | 3055364 | 98.34%  | 8.480% |
| 96  | 23.915 | 3534 | 3541 | 3552 | rVB2 | 873222  | 1859832 | 59.86%  | 5.162% |
| 97  | 24.621 | 3656 | 3661 | 3668 | rVB2 | 159910  | 333016  | 10.72%  | 0.924% |
| 98  | 24.704 | 3669 | 3675 | 3684 | rVB  | 420331  | 915908  | 29.48%  | 2.542% |
| 99  | 27.533 | 4149 | 4156 | 4169 | rVB4 | 334599  | 1034122 | 33.28%  | 2.870% |
| 100 | 28.398 | 4298 | 4303 | 4317 | rVB3 | 238914  | 762163  | 24.53%  | 2.115% |

Sum of corrected areas: 36028362



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Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R18

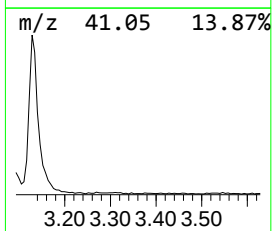
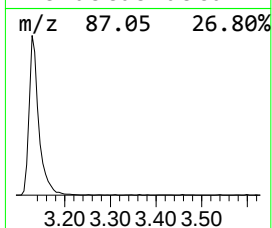
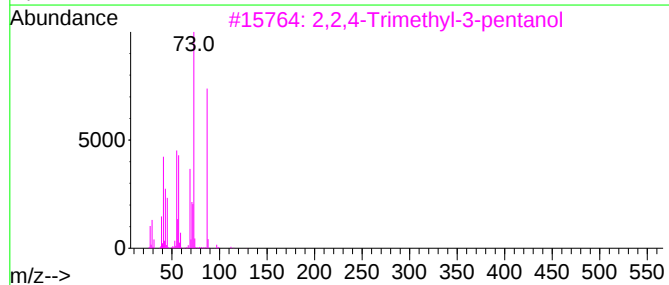
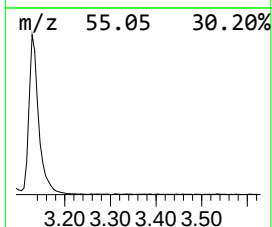
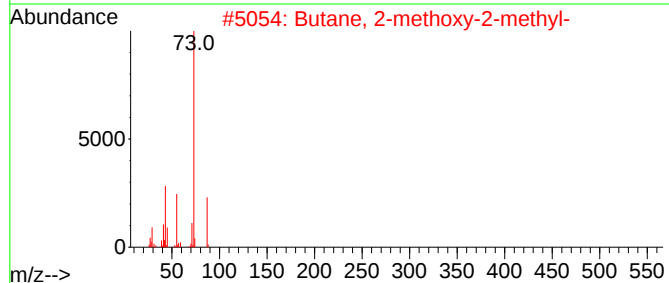
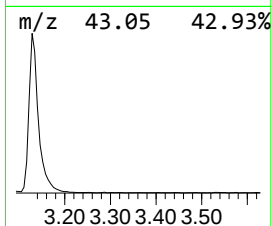
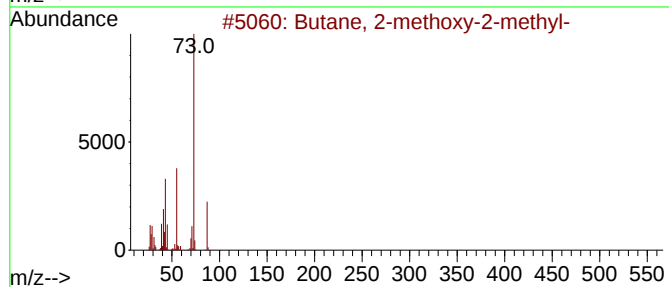
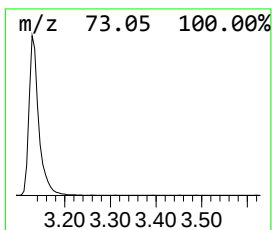
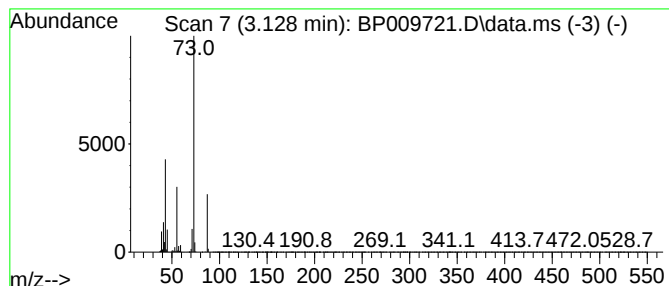
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.128 | 34.81 ng/ul | 949885 | 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 | 72      |      |      |
| 2    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O       | 000994-05-8 | 59      |      |      |
| 3    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O       | 005162-48-1 | 38      |      |      |
| 4    | Pentane, 3-methoxy-         | 102 | C6H14O       | 036839-67-5 | 17      |      |      |
| 5    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2       | 000497-26-7 | 9       |      |      |



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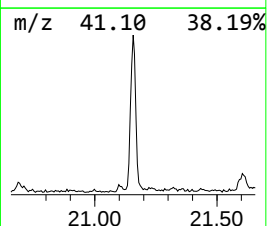
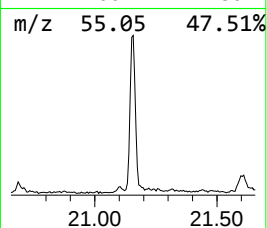
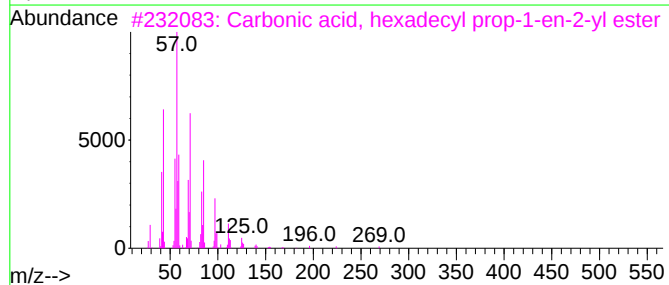
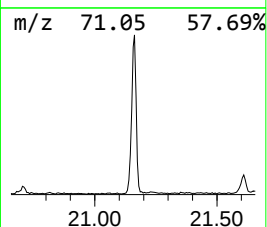
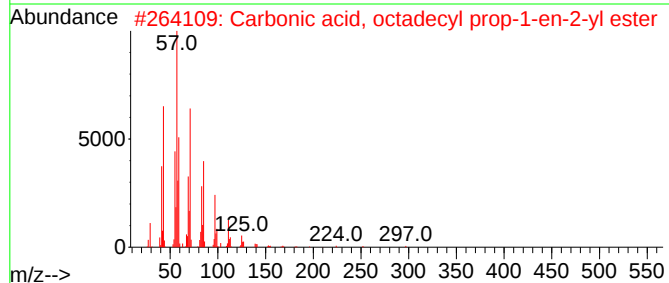
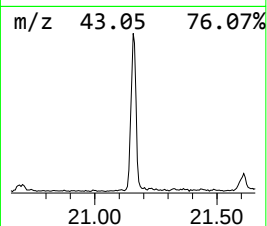
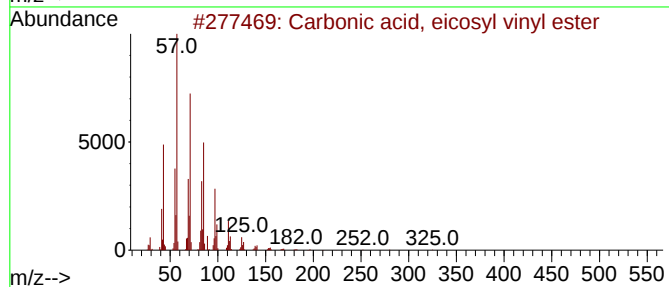
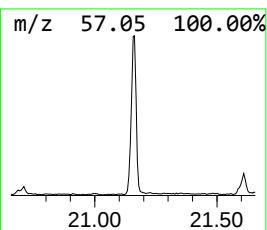
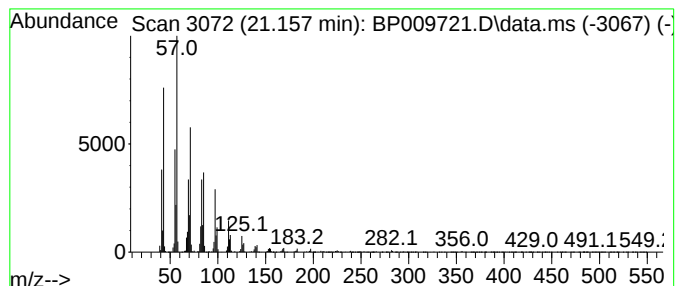
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Carbonic acid, eicosyl vinyl... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.157 | 7.37 ng/ul | 663670 | Chrysene-d12     | 21.439 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3  | 1000382-54-3 | 91   |
| 2    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3  | 1000383-11-5 | 91   |
| 3    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3  | 1000382-90-3 | 91   |
| 4    |    |   | 1-Dodecanol, 2-hexyl-               | 270 | C18H38O   | 110225-00-8  | 91   |
| 5    |    |   | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 87   |



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ClientSampleId :  
C0R18

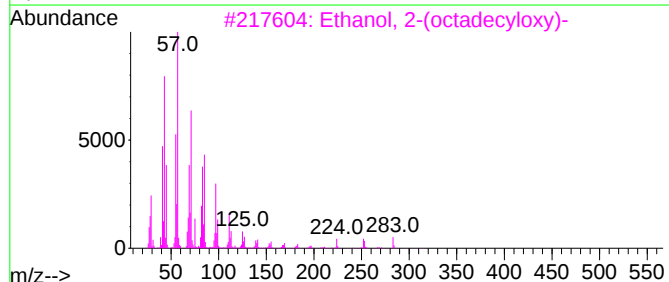
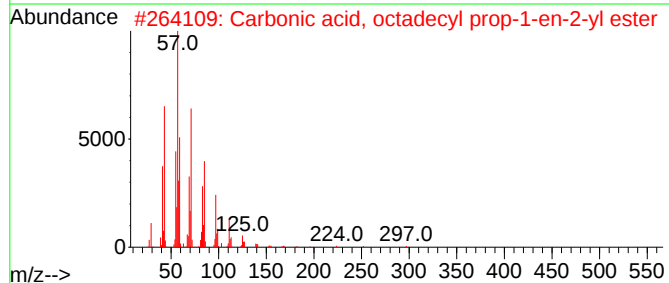
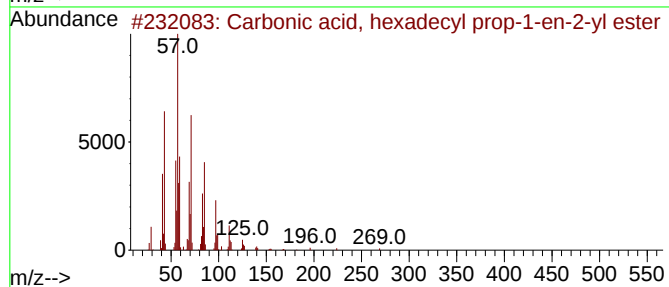
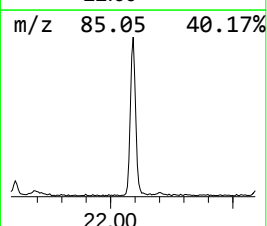
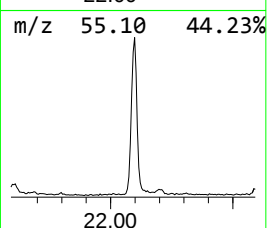
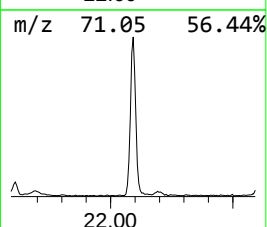
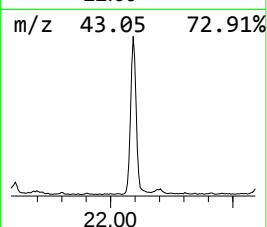
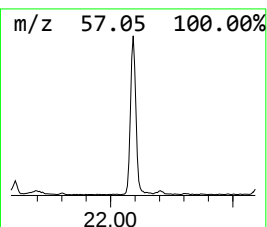
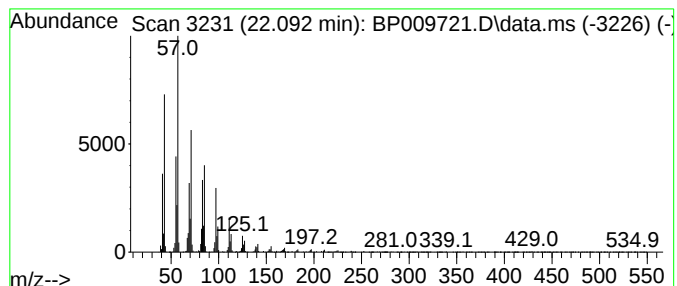
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Carbonic acid, hexadecyl pr... Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.092 | 12.11 ng/ul | 1090180 | Chrysene-d12     | 21.439 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3  | 1000382-90-3 | 91   |
| 2    |    |   | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3  | 1000383-11-5 | 91   |
| 3    |    |   | Ethanol, 2-(octadecyloxy)-          | 314 | C20H42O2  | 002136-72-3  | 91   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3  | 1000382-54-3 | 90   |
| 5    |    |   | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009721.D  
Acq On : 08 Apr 2022 17:04  
Operator : CG/JU  
Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R18

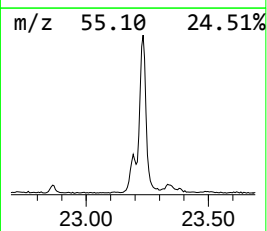
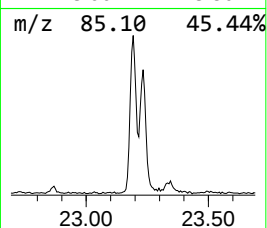
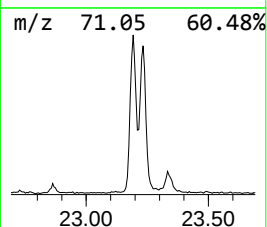
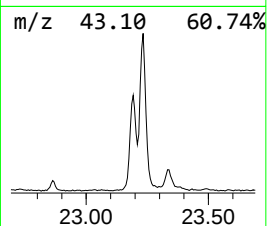
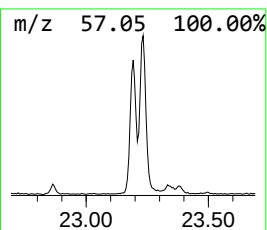
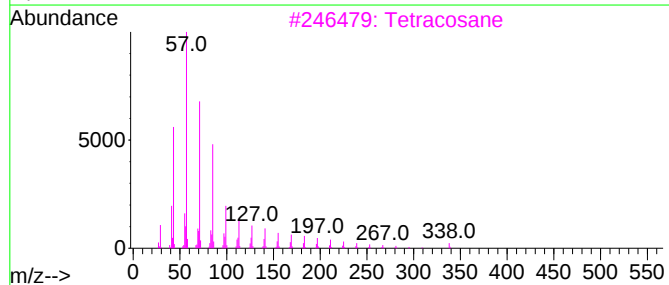
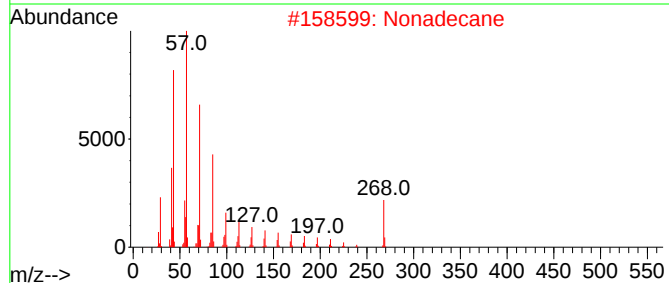
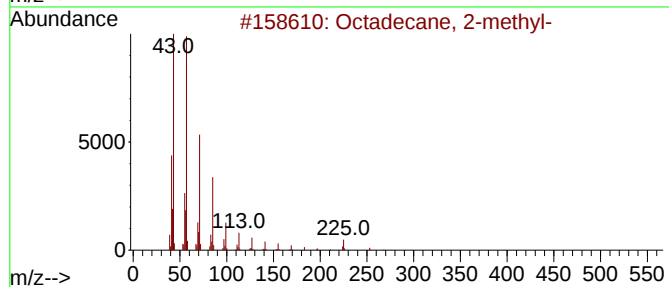
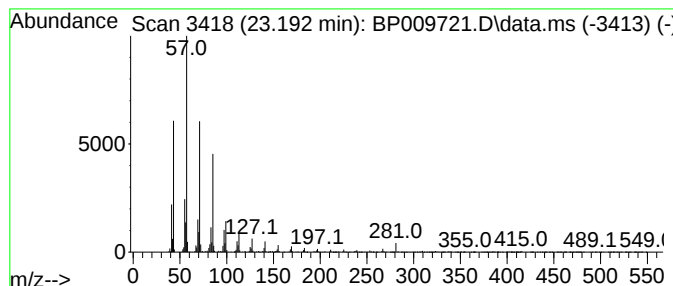
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.192 | 5.22 ng/ul | 485442 | Perylene-d12     | 23.915 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 93   |
| 2    |      | Nonadecane            | 268 | C19H40  | 000629-92-5 | 91   |
| 3    |      | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |
| 4    |      | Eicosane, 7-hexyl-    | 366 | C26H54  | 055333-99-8 | 91   |
| 5    |      | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009721.D  
Acq On : 08 Apr 2022 17:04  
Operator : CG/JU  
Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R18

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

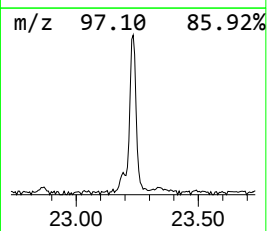
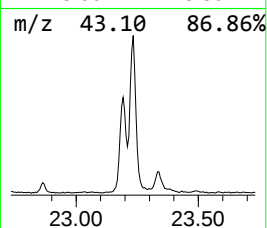
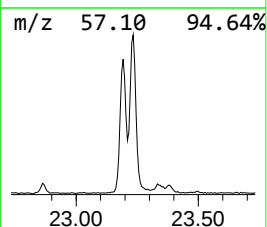
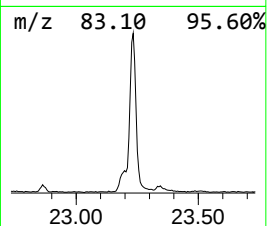
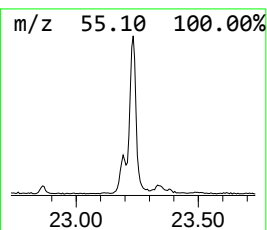
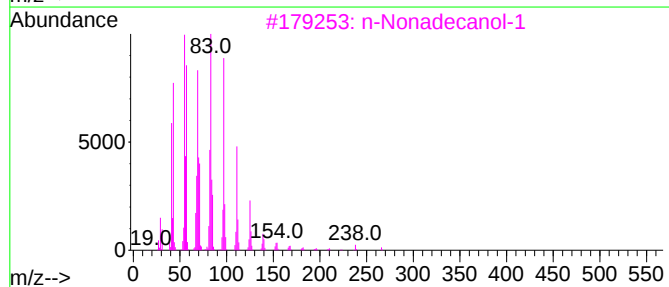
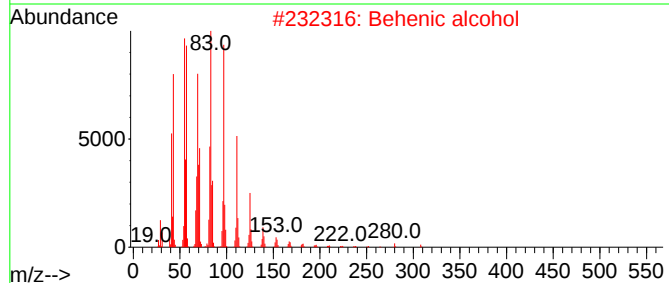
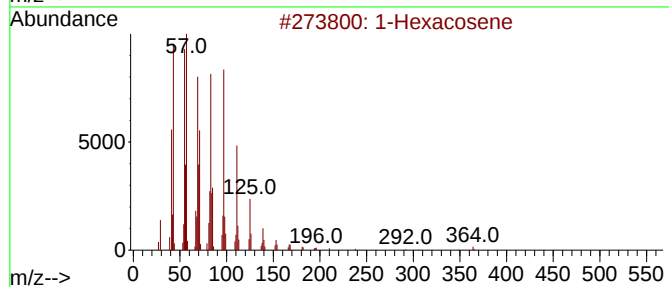
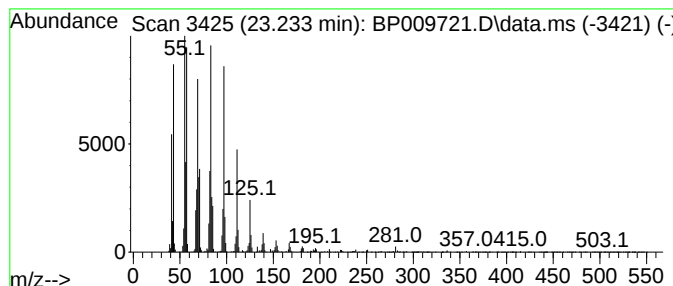
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 23.233 | 12.73 ng/ul | 1183600 | Perylene-d12     | 23.915 |

| Hit# | of              | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexacosene    |   |              | 364 | C26H52  | 018835-33-1 | 98   |
| 2    | Behenic alcohol |   |              | 326 | C22H46O | 000661-19-8 | 94   |
| 3    | n-Nonadecanol-1 |   |              | 284 | C19H40O | 001454-84-8 | 94   |
| 4    | 1-Heneicosanol  |   |              | 312 | C21H44O | 015594-90-8 | 94   |
| 5    | 1-Tetracosene   |   |              | 336 | C24H48  | 010192-32-2 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009721.D  
Acq On : 08 Apr 2022 17:04  
Operator : CG/JU  
Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COR18

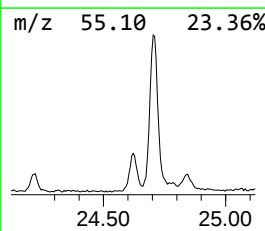
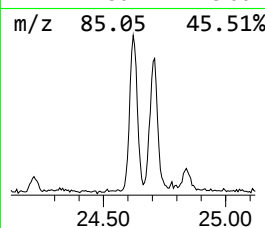
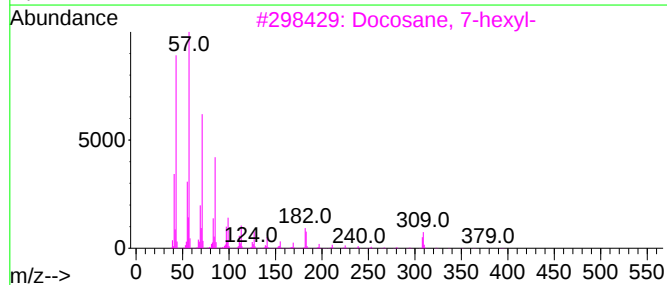
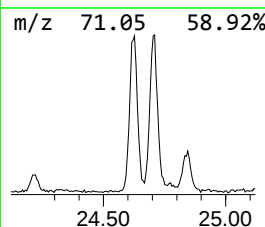
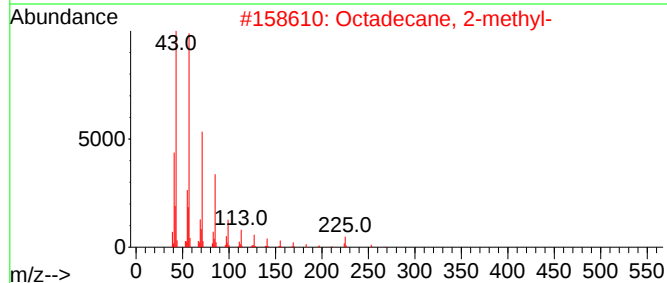
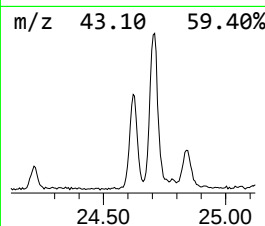
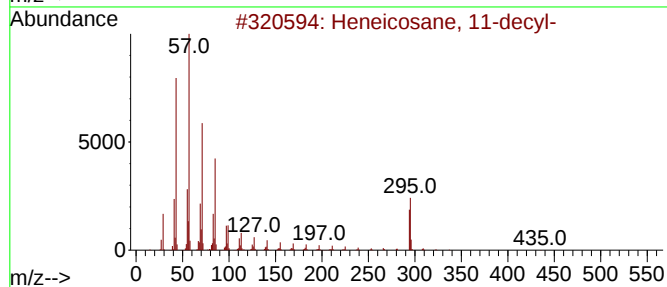
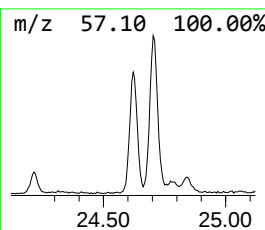
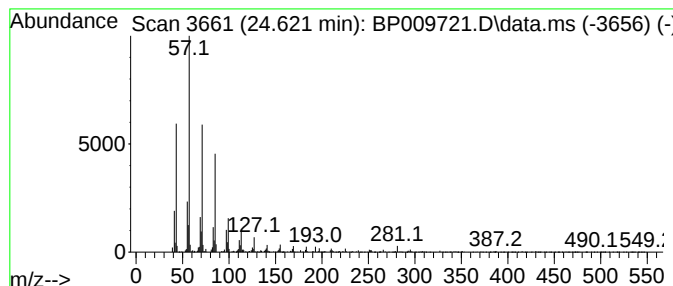
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.621 | 3.58 ng/ul | 333016 | Perylene-d12     | 23.915 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 96   |
| 2    |      | Octadecane, 2-methyl-  | 268 | C19H40  | 001560-88-9 | 93   |
| 3    |      | Docosane, 7-hexyl-     | 394 | C28H58  | 055373-86-9 | 93   |
| 4    |      | Tridecane, 1-iodo-     | 310 | C13H27I | 035599-77-0 | 91   |
| 5    |      | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009721.D  
Acq On : 08 Apr 2022 17:04  
Operator : CG/JU  
Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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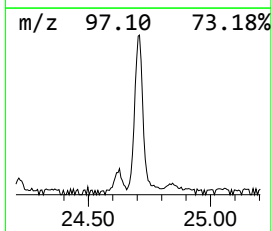
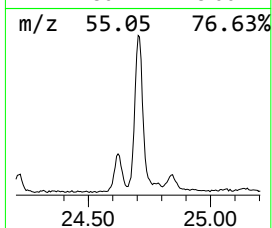
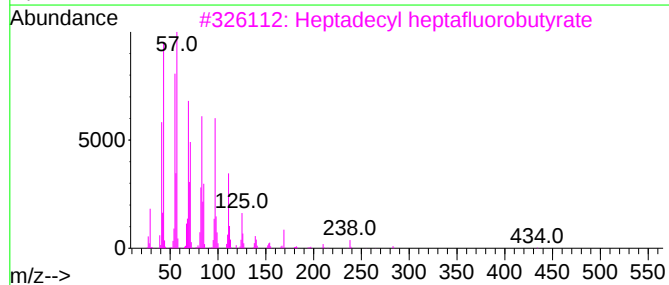
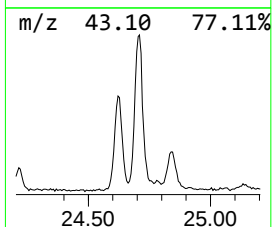
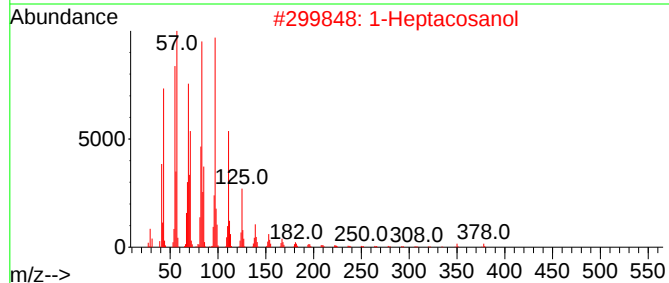
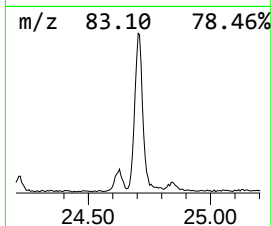
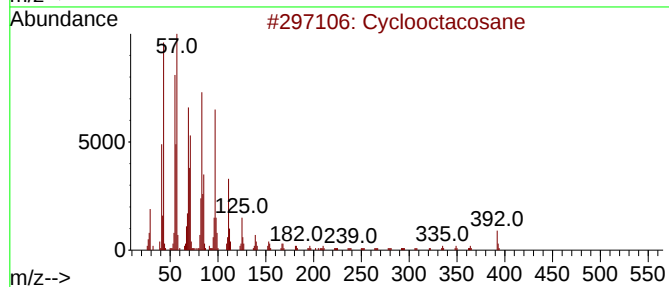
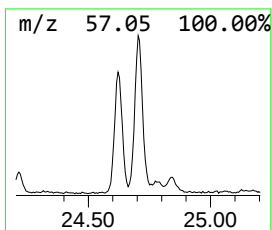
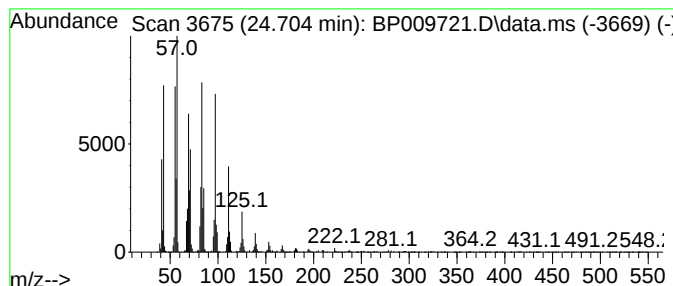
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Cyclic24.704 Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.704 | 9.85 ng/ul | 915908 | Perylene-d12     | 23.915 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------|-----|------------|--------------|------|
| 1    |    |   | Cyclooctacosane                | 392 | C28H56     | 000297-24-5  | 96   |
| 2    |    |   | 1-Heptacosanol                 | 396 | C27H56O    | 002004-39-9  | 95   |
| 3    |    |   | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6  | 94   |
| 4    |    |   | n-Tetracosanol-1               | 354 | C24H50O    | 000506-51-4  | 93   |
| 5    |    |   | Tricosyl trifluoroacetate      | 436 | C25H47F3O2 | 1000351-75-1 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009721.D  
Acq On : 08 Apr 2022 17:04  
Operator : CG/JU  
Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R18

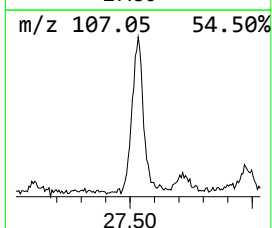
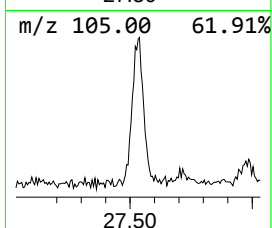
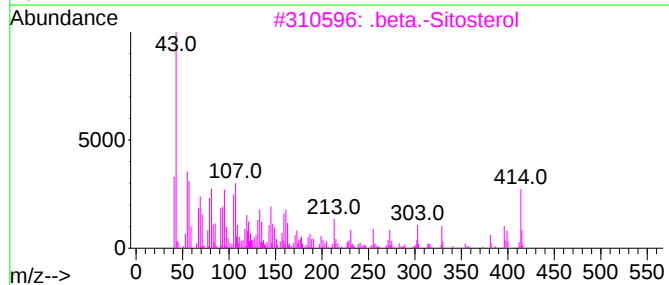
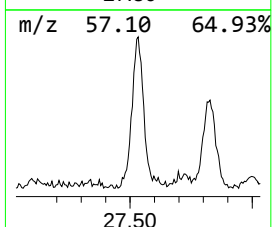
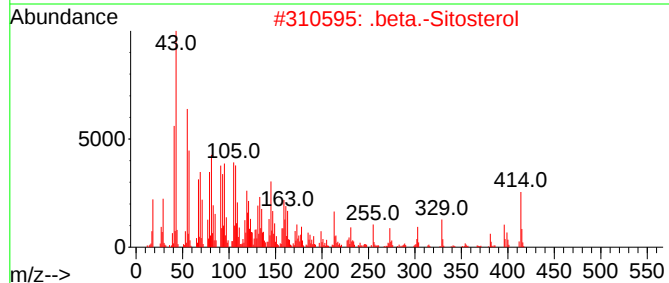
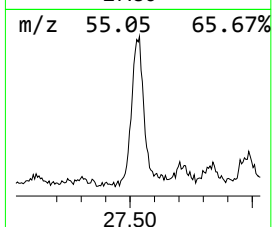
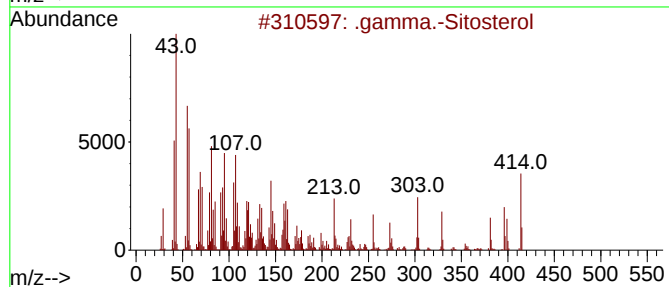
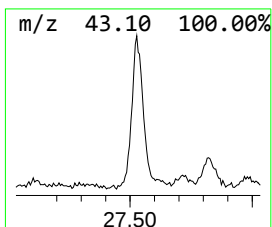
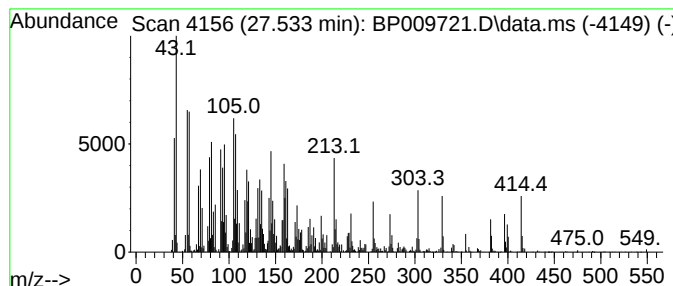
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 .gamma.-Sitosterol Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 27.533 | 11.12 ng/ul | 1034120 | Perylene-d12     | 23.915 |

| 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 | 99   |
| 3    |    |   | .beta.-Sitosterol            | 414 | C29H50O | 000083-46-5 | 89   |
| 4    |    |   | Campesterol                  | 400 | C28H48O | 000474-62-4 | 62   |
| 5    |    |   | Ergost-5-en-3-ol, (3.beta.)- | 400 | C28H48O | 004651-51-8 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009721.D  
Acq On : 08 Apr 2022 17:04  
Operator : CG/JU  
Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
COR18

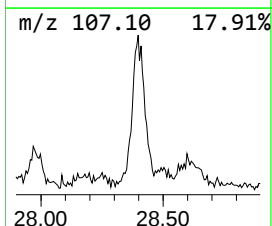
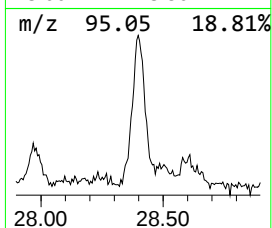
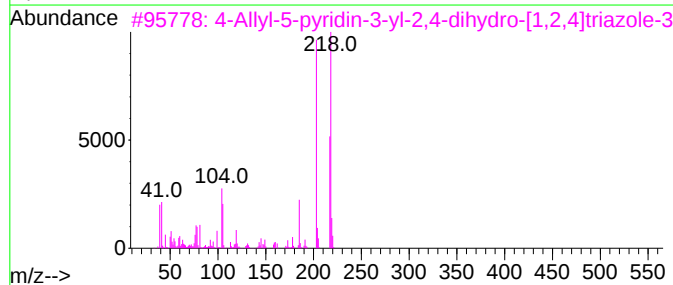
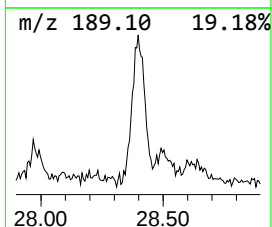
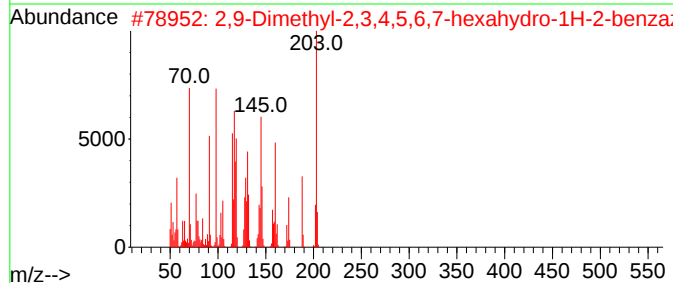
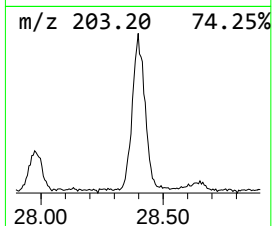
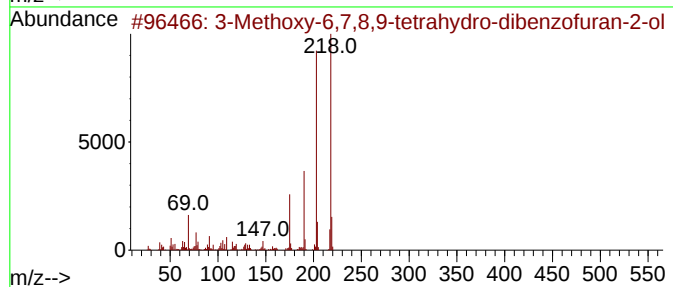
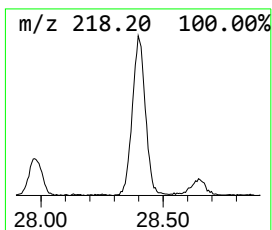
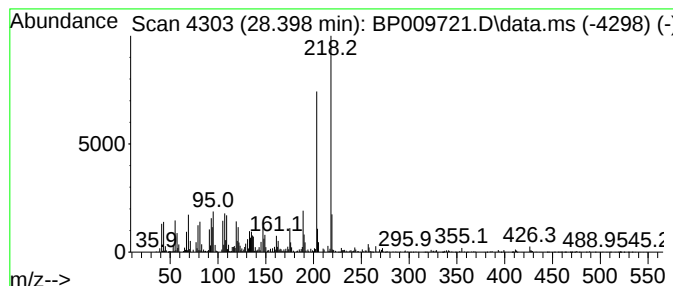
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 3-Methoxy-6,7,8,9-tetrahydr... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 28.398 | 8.20 ng/ul | 762163 | Perylene-d12     | 23.915 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Methoxy-6,7,8,9-tetrahydro-dib... | 218 | C13H14O3  | 1000186-57-9 | 83   |
| 2    |    |   | 2,9-Dimethyl-2,3,4,5,6,7-hexahyd... | 203 | C14H21N   | 077581-11-4  | 78   |
| 3    |    |   | 4-Allyl-5-pyridin-3-yl-2,4-dihyd... | 218 | C10H10N4S | 1000300-40-5 | 74   |
| 4    |    |   | 6,7,8,9-Tetrahydrodibenzo[b,d]fu... | 260 | C15H16O4  | 1000196-34-3 | 72   |
| 5    |    |   | Olean-12-en-3-ol, acetate, (3.be... | 468 | C32H52O2  | 001616-93-9  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040822\  
Data File : BP009721.D  
Acq On : 08 Apr 2022 17:04  
Operator : CG/JU  
Sample : N2182-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0R18

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... | 3.128  | 34.8    | ng/ul | 949885   | 1                     | 7.975  | 545722  | 20.0 |
| Carbonic acid, ... | 21.157 | 7.4     | ng/ul | 663670   | 5                     | 21.439 | 1800260 | 20.0 |
| Carbonic acid, ... | 22.092 | 12.1    | ng/ul | 1090180  | 5                     | 21.439 | 1800260 | 20.0 |
| (DEL) Alkane: S... | 23.192 | 5.2     | ng/ul | 485442   | 6                     | 23.915 | 1859830 | 20.0 |
| (DEL) Alkane: S... | 23.233 | 12.7    | ng/ul | 1183600  | 6                     | 23.915 | 1859830 | 20.0 |
| (DEL) Alkane: S... | 24.621 | 3.6     | ng/ul | 333016   | 6                     | 23.915 | 1859830 | 20.0 |
| (DEL) Alkane: C... | 24.704 | 9.8     | ng/ul | 915908   | 6                     | 23.915 | 1859830 | 20.0 |
| .gamma.-Sitosterol | 27.533 | 11.1    | ng/ul | 1034120  | 6                     | 23.915 | 1859830 | 20.0 |
| 3-Methoxy-6,7,8... | 28.398 | 8.2     | ng/ul | 762163   | 6                     | 23.915 | 1859830 | 20.0 |