

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102722\  
 Data File : BP012360.D  
 Acq On : 28 Oct 2022 01:13  
 Operator : CG/JU  
 Sample : N5144-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0BQ3

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-BP102522.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP012360.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         | 3.246       | 40            | 44          | 51           | rBV      | 50489          | 75399         | 0.87%           | 0.097%        |
| 2         | 3.669       | 113           | 116         | 119          | rBV      | 14846          | 19591         | 0.23%           | 0.025%        |
| 3         | 3.699       | 119           | 121         | 129          | rVV      | 25111          | 48949         | 0.57%           | 0.063%        |
| 4         | 3.769       | 129           | 133         | 141          | rVV      | 64937          | 94095         | 1.09%           | 0.121%        |
| 5         | 3.846       | 143           | 146         | 148          | rVV2     | 8985           | 9629          | 0.11%           | 0.012%        |
| 6         | 3.887       | 148           | 153         | 159          | rVB      | 48779          | 75901         | 0.88%           | 0.098%        |
| 7         | 3.981       | 165           | 169         | 179          | rVB      | 16834          | 31369         | 0.36%           | 0.040%        |
| 8         | 4.358       | 230           | 233         | 239          | rVB3     | 13539          | 19728         | 0.23%           | 0.025%        |
| 9         | 4.546       | 261           | 265         | 270          | rVB      | 20155          | 27909         | 0.32%           | 0.036%        |
| 10        | 4.922       | 321           | 329         | 339          | rBV2     | 91325          | 181195        | 2.09%           | 0.233%        |
| 11        | 5.011       | 342           | 344         | 351          | rBV4     | 8616           | 13559         | 0.16%           | 0.017%        |
| 12        | 6.975       | 672           | 678         | 691          | rBV      | 875399         | 1514668       | 17.51%          | 1.948%        |
| 13        | 7.140       | 700           | 706         | 720          | rBV      | 759158         | 1268159       | 14.66%          | 1.631%        |
| 14        | 7.334       | 731           | 739         | 750          | rBV      | 904581         | 1490232       | 17.23%          | 1.917%        |
| 15        | 7.410       | 750           | 752         | 756          | rVB4     | 9232           | 11319         | 0.13%           | 0.015%        |
| 16        | 7.628       | 784           | 789         | 797          | rVB      | 7658           | 14733         | 0.17%           | 0.019%        |
| 17        | 7.805       | 812           | 819         | 828          | rBV      | 943848         | 1529598       | 17.68%          | 1.968%        |
| 18        | 8.522       | 934           | 941         | 957          | rBV      | 711392         | 1251149       | 14.46%          | 1.609%        |
| 19        | 8.640       | 957           | 961         | 967          | rVB      | 17719          | 32557         | 0.38%           | 0.042%        |
| 20        | 8.975       | 1011          | 1018        | 1031         | rBV      | 898255         | 1554820       | 17.98%          | 2.000%        |
| 21        | 9.134       | 1041          | 1045        | 1053         | rVB      | 6388           | 12748         | 0.15%           | 0.016%        |
| 22        | 9.357       | 1077          | 1083        | 1090         | rVB2     | 22350          | 36039         | 0.42%           | 0.046%        |
| 23        | 9.693       | 1131          | 1140        | 1157         | rBV      | 735352         | 1312968       | 15.18%          | 1.689%        |
| 24        | 10.234      | 1224          | 1232        | 1254         | rBV      | 1109610        | 1996311       | 23.08%          | 2.568%        |
| 25        | 10.410      | 1256          | 1262        | 1272         | rBV3     | 19135          | 55667         | 0.64%           | 0.072%        |
| 26        | 10.610      | 1288          | 1296        | 1311         | rVB      | 1418537        | 2476441       | 28.63%          | 3.186%        |
| 27        | 10.757      | 1313          | 1321        | 1337         | rBV      | 968667         | 1824161       | 21.09%          | 2.347%        |
| 28        | 12.028      | 1533          | 1537        | 1542         | rVB8     | 7551           | 11495         | 0.13%           | 0.015%        |
| 29        | 12.204      | 1562          | 1567        | 1573         | rVB2     | 20779          | 35931         | 0.42%           | 0.046%        |
| 30        | 12.498      | 1613          | 1617        | 1624         | rVB8     | 5444           | 10300         | 0.12%           | 0.013%        |
| 31        | 13.269      | 1739          | 1748        | 1757         | rBV3     | 19005          | 41917         | 0.48%           | 0.054%        |
| 32        | 13.345      | 1757          | 1761        | 1766         | rVV5     | 9428           | 16626         | 0.19%           | 0.021%        |
| 33        | 13.422      | 1770          | 1774        | 1779         | rVB4     | 5053           | 9011          | 0.10%           | 0.012%        |
| 34        | 13.787      | 1829          | 1836        | 1841         | rBV8     | 16698          | 31199         | 0.36%           | 0.040%        |
| 35        | 13.869      | 1841          | 1850        | 1864         | rVV      | 2423932        | 3407248       | 39.39%          | 4.383%        |
| 36        | 14.151      | 1888          | 1898        | 1914         | rBV      | 2708995        | 4187532       | 48.41%          | 5.387%        |

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 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0BQ3

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-BP102522.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 37 | 14.345 | 1927 | 1931 | 1935 | rVB6  | 9995    | 11438   | 0.13%   | 0.015%  |
| 38 | 14.457 | 1942 | 1950 | 1963 | rBV   | 2405922 | 3585182 | 41.45%  | 4.612%  |
| 39 | 14.675 | 1981 | 1987 | 2010 | rBV   | 800040  | 1543417 | 17.84%  | 1.985%  |
| 40 | 14.845 | 2013 | 2016 | 2017 | rVV3  | 11644   | 13831   | 0.16%   | 0.018%  |
| 41 | 14.887 | 2018 | 2023 | 2030 | rVB   | 86172   | 138216  | 1.60%   | 0.178%  |
| 42 | 15.245 | 2081 | 2084 | 2089 | rBV4  | 6741    | 11991   | 0.14%   | 0.015%  |
| 43 | 15.298 | 2089 | 2093 | 2097 | rVB4  | 8508    | 13887   | 0.16%   | 0.018%  |
| 44 | 15.451 | 2112 | 2119 | 2127 | rBV   | 3688075 | 5424269 | 62.71%  | 6.978%  |
| 45 | 15.510 | 2127 | 2129 | 2135 | rVV3  | 25361   | 37314   | 0.43%   | 0.048%  |
| 46 | 15.586 | 2136 | 2142 | 2154 | rVV   | 867088  | 1251007 | 14.46%  | 1.609%  |
| 47 | 15.692 | 2156 | 2160 | 2166 | rVB3  | 20682   | 33860   | 0.39%   | 0.044%  |
| 48 | 16.022 | 2212 | 2216 | 2223 | rBV10 | 4807    | 9632    | 0.11%   | 0.012%  |
| 49 | 16.175 | 2238 | 2242 | 2251 | rVB10 | 10102   | 23400   | 0.27%   | 0.030%  |
| 50 | 16.628 | 2314 | 2319 | 2322 | rBV7  | 7027    | 9623    | 0.11%   | 0.012%  |
| 51 | 16.757 | 2336 | 2341 | 2349 | rBV   | 80269   | 121055  | 1.40%   | 0.156%  |
| 52 | 17.128 | 2396 | 2404 | 2408 | rBV10 | 9991    | 23656   | 0.27%   | 0.030%  |
| 53 | 17.216 | 2412 | 2419 | 2425 | rVV   | 3171349 | 4444898 | 51.39%  | 5.718%  |
| 54 | 17.257 | 2425 | 2426 | 2430 | rVV   | 67109   | 65977   | 0.76%   | 0.085%  |
| 55 | 17.316 | 2430 | 2436 | 2447 | rVV   | 4147961 | 5908017 | 68.30%  | 7.600%  |
| 56 | 17.416 | 2449 | 2453 | 2463 | rVB3  | 80711   | 137943  | 1.59%   | 0.177%  |
| 57 | 17.604 | 2483 | 2485 | 2488 | rBV3  | 9243    | 9127    | 0.11%   | 0.012%  |
| 58 | 17.880 | 2529 | 2532 | 2538 | rVB2  | 21139   | 24944   | 0.29%   | 0.032%  |
| 59 | 18.104 | 2565 | 2570 | 2579 | rBV2  | 307106  | 506733  | 5.86%   | 0.652%  |
| 60 | 19.133 | 2741 | 2745 | 2752 | rVB2  | 63625   | 83212   | 0.96%   | 0.107%  |
| 61 | 19.204 | 2753 | 2757 | 2759 | rBV   | 82219   | 121264  | 1.40%   | 0.156%  |
| 62 | 19.227 | 2759 | 2761 | 2767 | rVB   | 120302  | 159274  | 1.84%   | 0.205%  |
| 63 | 19.339 | 2776 | 2780 | 2790 | rBV   | 208486  | 347594  | 4.02%   | 0.447%  |
| 64 | 19.557 | 2811 | 2817 | 2829 | rBV   | 5791608 | 8022221 | 92.74%  | 10.320% |
| 65 | 20.074 | 2902 | 2905 | 2908 | rVB   | 59915   | 66362   | 0.77%   | 0.085%  |
| 66 | 20.557 | 2984 | 2987 | 2991 | rBV   | 133734  | 144342  | 1.67%   | 0.186%  |
| 67 | 21.016 | 3061 | 3065 | 3075 | rBV2  | 495178  | 957163  | 11.07%  | 1.231%  |
| 68 | 21.310 | 3110 | 3115 | 3120 | rBV   | 4366260 | 5620287 | 64.98%  | 7.230%  |
| 69 | 21.445 | 3136 | 3138 | 3144 | rVB   | 188762  | 191091  | 2.21%   | 0.246%  |
| 70 | 23.551 | 3489 | 3496 | 3510 | rVB2  | 4070026 | 8649799 | 100.00% | 11.127% |
| 71 | 23.704 | 3516 | 3522 | 3535 | rVB2  | 2603794 | 5293491 | 61.20%  | 6.810%  |

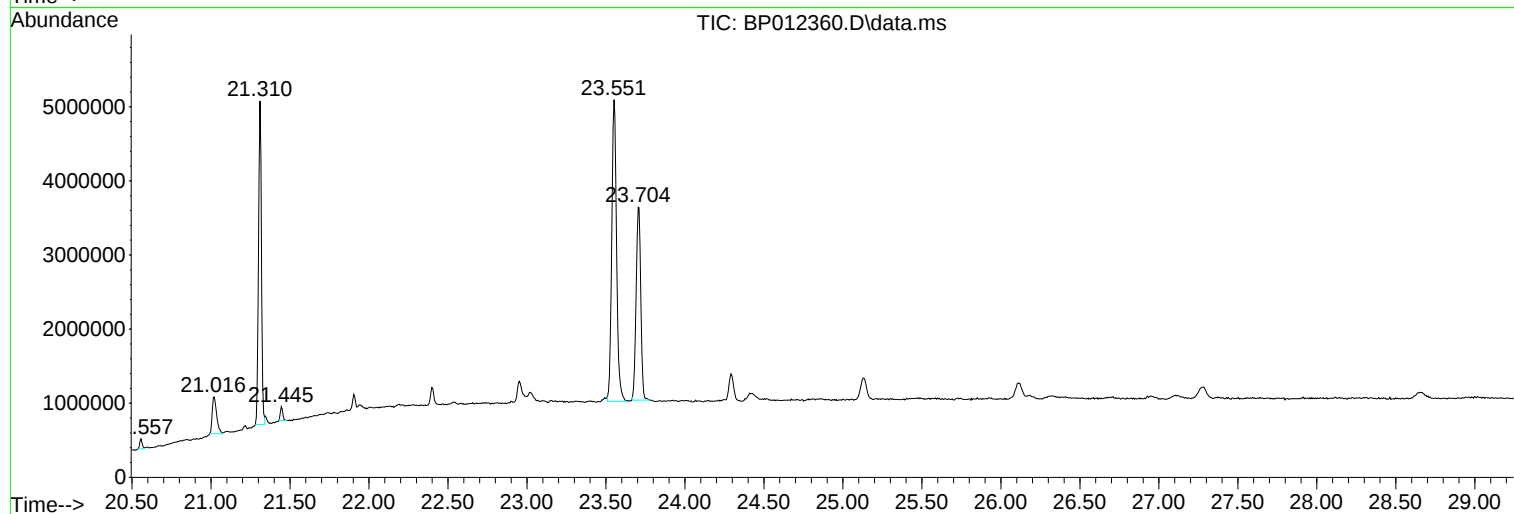
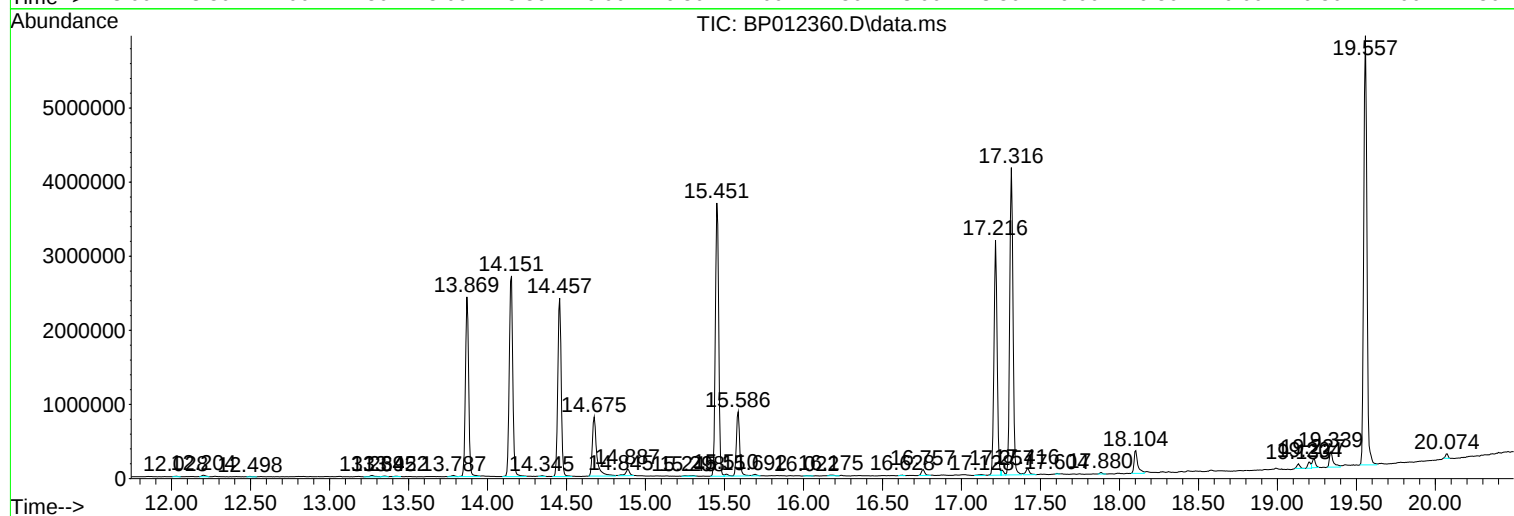
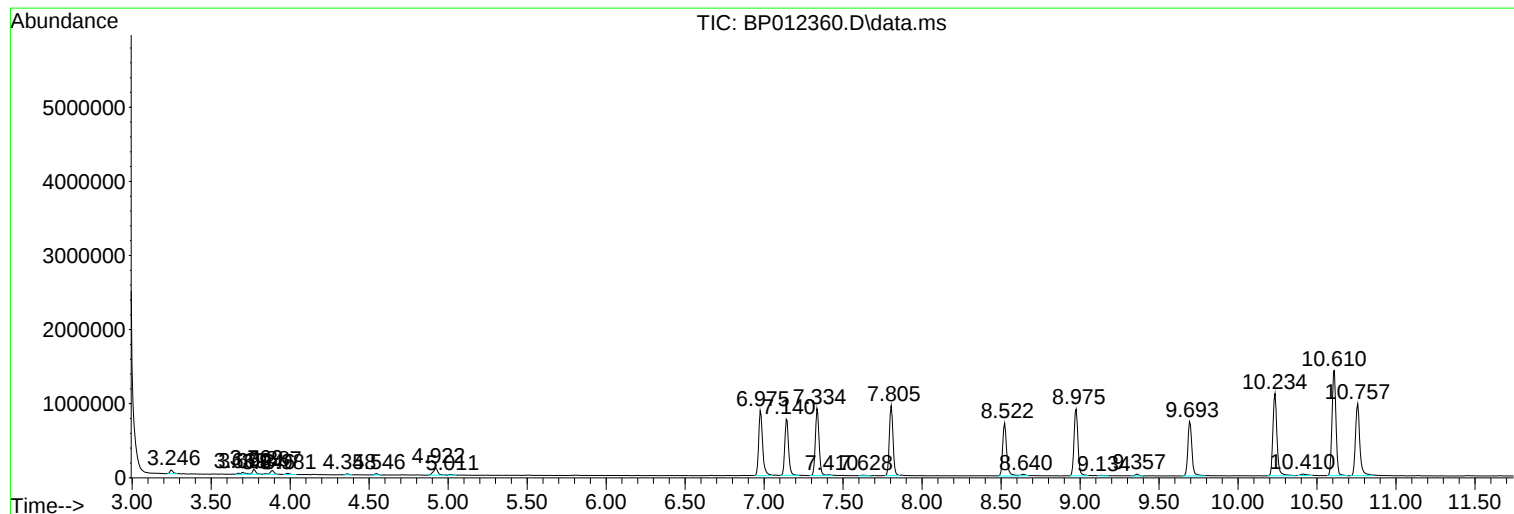
Sum of corrected areas: 77735670

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Sample : N5144-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0BQ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102722\  
Data File : BP012360.D  
Acq On : 28 Oct 2022 01:13  
Operator : CG/JU  
Sample : N5144-05  
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Instrument :  
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C0BQ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION

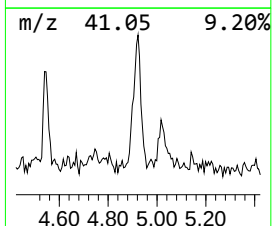
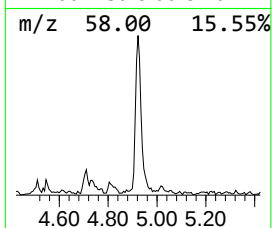
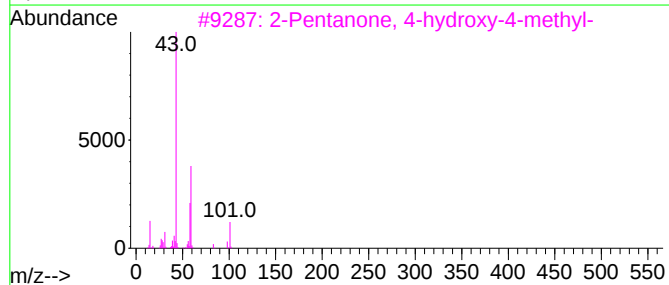
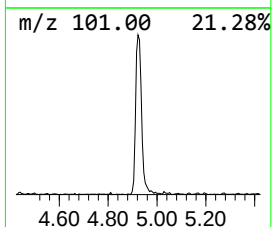
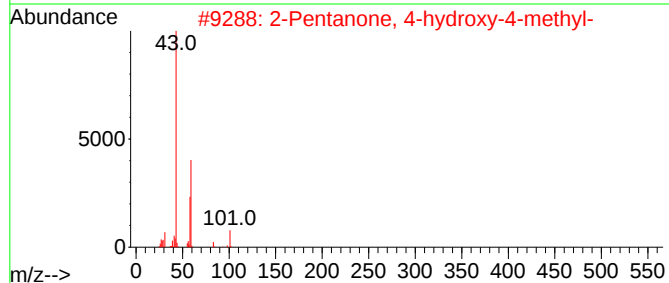
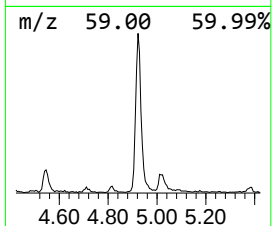
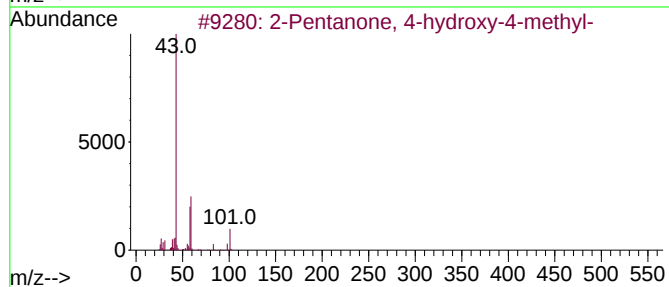
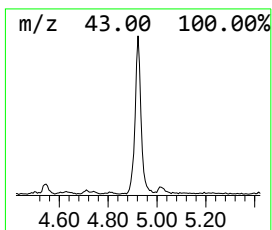
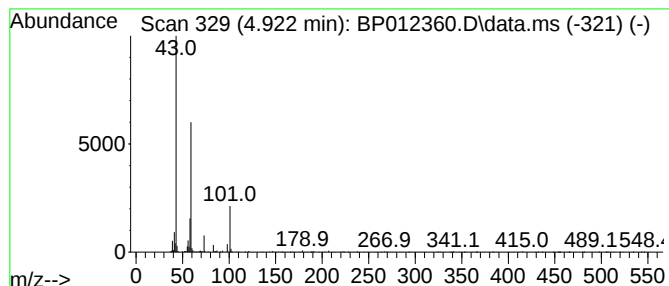
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.922 | 2.37 ng/ul | 181195 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 53      |      |      |
| 2    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 45      |      |      |
| 3    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 42      |      |      |
| 4    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 38      |      |      |
| 5    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2      | 000057-71-6 | 38      |      |      |



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Instrument :  
BNA\_P  
ClientSampleId :  
C0BQ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION

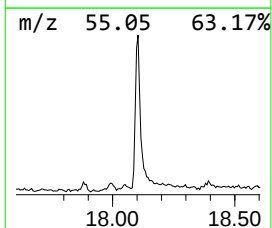
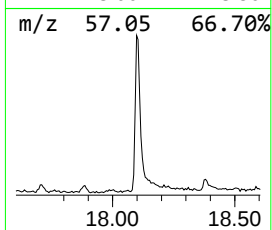
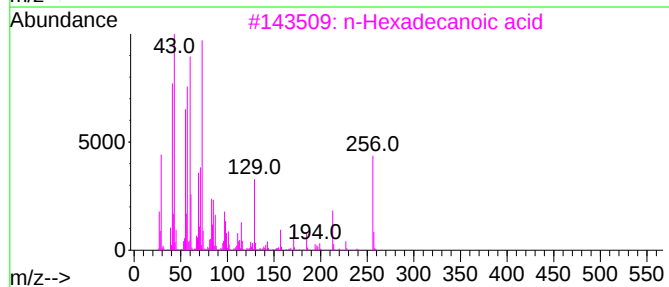
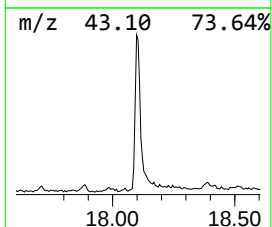
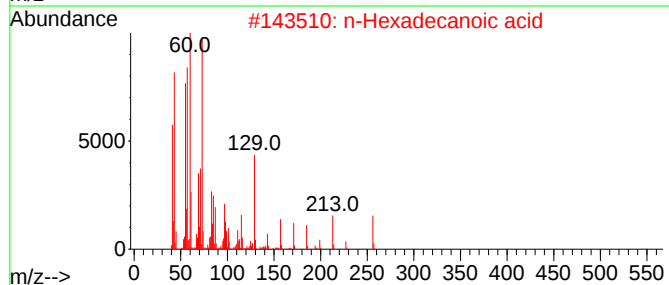
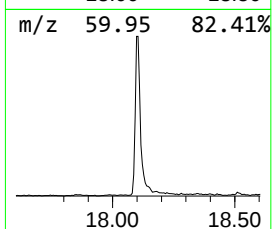
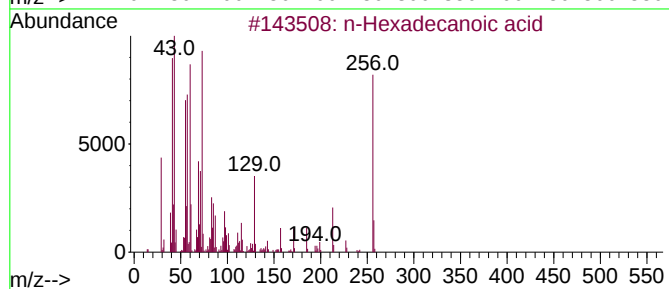
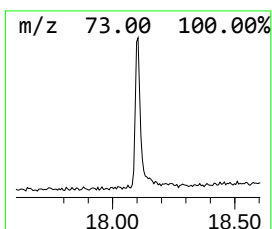
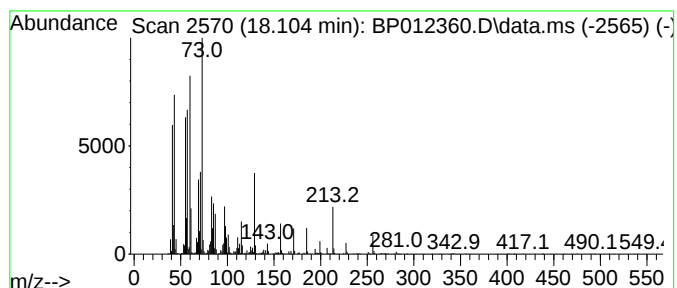
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.104 | 2.28 ng/ul | 506733 | Phenanthrene-d10 | 17.216 |

| 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 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |



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C0BQ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION

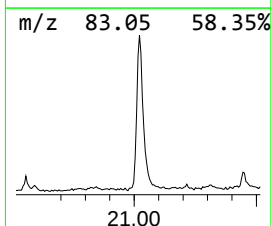
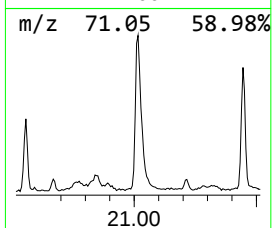
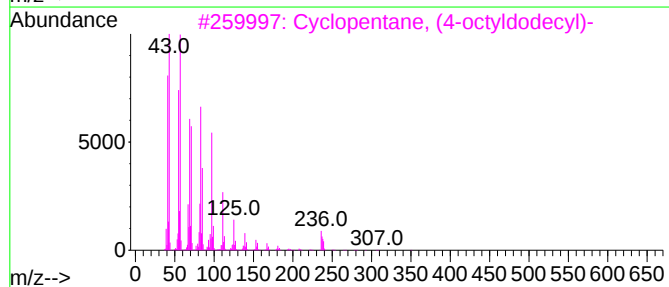
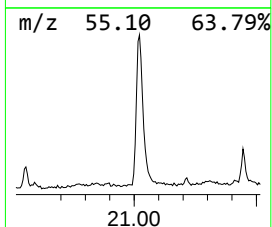
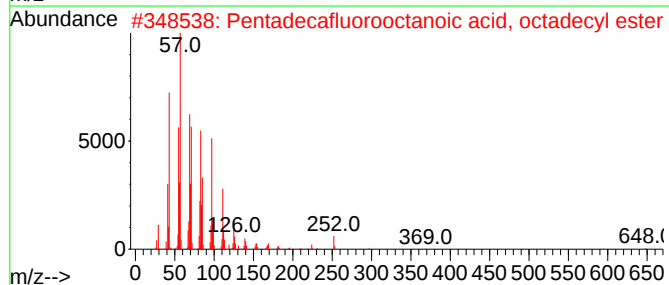
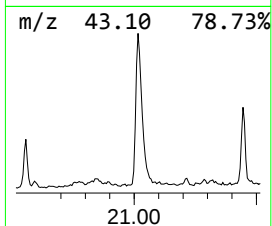
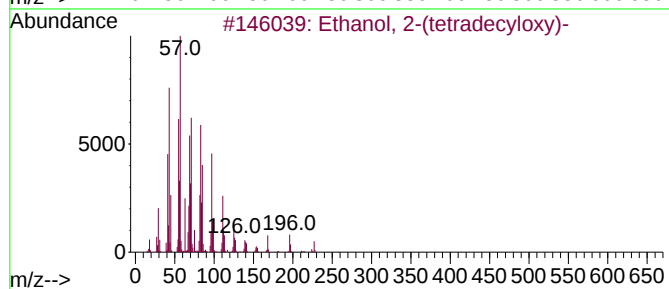
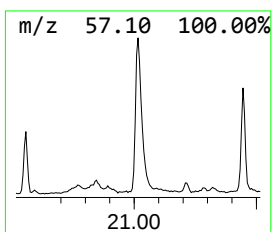
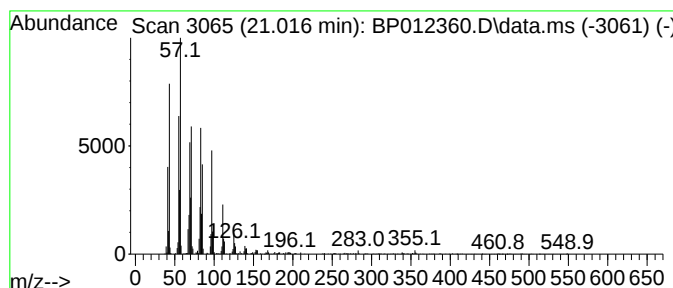
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.016 | 3.41 ng/ul | 957163 | Chrysene-d12     | 21.310 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1  | 95   |
| 2    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93   |
| 3    |    |   | Cyclopentane, (4-octyldodecyl)-     | 350 | C25H50      | 005638-09-5  | 81   |
| 4    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2  | 000400-57-7  | 76   |
| 5    |    |   | Tetradecyl trifluoroacetate         | 310 | C16H29F3O2  | 006222-02-2  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102722\  
Data File : BP012360.D  
Acq On : 28 Oct 2022 01:13  
Operator : CG/JU  
Sample : N5144-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0BQ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.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 |
| 2-Pentanone, 4-... | 4.922  | 2.4     | ng/ul | 181195   | 1                     | 7.805  | 1529600 | 20.0 |
| n-Hexadecanoic ... | 18.104 | 2.3     | ng/ul | 506733   | 4                     | 17.216 | 4444900 | 20.0 |
| Ethanol, 2-(tet... | 21.016 | 3.4     | ng/ul | 957163   | 5                     | 21.310 | 5620290 | 20.0 |