

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
 Data File : BP017261.D  
 Acq On : 21 Sep 2023 11:30  
 Operator : MA/JU  
 Sample : 04387-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA1

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-BP092023.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP017261.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         | 3.305       | 33            | 37          | 44           | rVB      | 46427          | 67460         | 0.26%           | 0.032%        |
| 2         | 3.740       | 108           | 111         | 122          | rBV      | 298625         | 442196        | 1.68%           | 0.212%        |
| 3         | 3.934       | 139           | 144         | 149          | rVB      | 60391          | 86449         | 0.33%           | 0.042%        |
| 4         | 4.193       | 184           | 188         | 192          | rVB4     | 19671          | 27751         | 0.11%           | 0.013%        |
| 5         | 4.275       | 198           | 202         | 213          | rVB      | 34211          | 48126         | 0.18%           | 0.023%        |
| 6         | 4.440       | 226           | 230         | 234          | rVB2     | 24782          | 34770         | 0.13%           | 0.017%        |
| 7         | 4.981       | 318           | 322         | 329          | rVB      | 42036          | 59529         | 0.23%           | 0.029%        |
| 8         | 6.346       | 549           | 554         | 559          | rBV2     | 19023          | 31965         | 0.12%           | 0.015%        |
| 9         | 6.905       | 641           | 649         | 659          | rVB8     | 17294          | 40492         | 0.15%           | 0.019%        |
| 10        | 7.099       | 675           | 682         | 695          | rBV2     | 1117372        | 1911330       | 7.26%           | 0.918%        |
| 11        | 7.281       | 707           | 713         | 720          | rBV      | 596398         | 887768        | 3.37%           | 0.427%        |
| 12        | 7.458       | 737           | 743         | 752          | rBV      | 747538         | 1194065       | 4.53%           | 0.574%        |
| 13        | 7.940       | 817           | 825         | 832          | rBV      | 758257         | 1175554       | 4.46%           | 0.565%        |
| 14        | 8.210       | 865           | 871         | 876          | rBV4     | 16705          | 37437         | 0.14%           | 0.018%        |
| 15        | 8.652       | 939           | 946         | 958          | rBV      | 870764         | 1415497       | 5.37%           | 0.680%        |
| 16        | 8.787       | 964           | 969         | 977          | rVB      | 161170         | 264111        | 1.00%           | 0.127%        |
| 17        | 9.134       | 1018          | 1028        | 1036         | rBV      | 669580         | 1150965       | 4.37%           | 0.553%        |
| 18        | 9.222       | 1039          | 1043        | 1046         | rVV      | 21916          | 38498         | 0.15%           | 0.018%        |
| 19        | 9.852       | 1141          | 1150        | 1161         | rBV      | 573024         | 937090        | 3.56%           | 0.450%        |
| 20        | 10.034      | 1167          | 1181        | 1198         | rBV      | 329784         | 903336        | 3.43%           | 0.434%        |
| 21        | 10.222      | 1206          | 1213        | 1218         | rVB2     | 18778          | 34411         | 0.13%           | 0.017%        |
| 22        | 10.375      | 1233          | 1239        | 1256         | rVB      | 903240         | 1536500       | 5.83%           | 0.738%        |
| 23        | 10.763      | 1297          | 1305        | 1312         | rBV      | 1051946        | 1704381       | 6.47%           | 0.819%        |
| 24        | 10.934      | 1326          | 1334        | 1346         | rBV      | 129066         | 279898        | 1.06%           | 0.135%        |
| 25        | 11.322      | 1394          | 1400        | 1407         | rBV8     | 16666          | 45718         | 0.17%           | 0.022%        |
| 26        | 11.698      | 1458          | 1464        | 1470         | rBV7     | 13590          | 31287         | 0.12%           | 0.015%        |
| 27        | 12.346      | 1569          | 1574        | 1581         | rVB2     | 23909          | 39827         | 0.15%           | 0.019%        |
| 28        | 12.516      | 1595          | 1603        | 1620         | rBV      | 1006322        | 1938685       | 7.36%           | 0.932%        |
| 29        | 13.445      | 1749          | 1761        | 1770         | rBV      | 262529         | 444459        | 1.69%           | 0.214%        |
| 30        | 13.545      | 1770          | 1778        | 1788         | rBV      | 97228          | 153611        | 0.58%           | 0.074%        |
| 31        | 13.904      | 1834          | 1839        | 1844         | rVB4     | 27620          | 42725         | 0.16%           | 0.021%        |
| 32        | 14.016      | 1852          | 1858        | 1865         | rBV      | 1580701        | 2142826       | 8.14%           | 1.030%        |
| 33        | 14.298      | 1900          | 1906        | 1916         | rVV      | 1821344        | 2613282       | 9.92%           | 1.256%        |
| 34        | 14.598      | 1951          | 1957        | 1967         | rVB      | 1607665        | 2263994       | 8.60%           | 1.088%        |
| 35        | 14.828      | 1987          | 1996        | 2016         | rBV      | 593942         | 1037562       | 3.94%           | 0.499%        |
| 36        | 14.998      | 2017          | 2025        | 2030         | rVV4     | 46454          | 99666         | 0.38%           | 0.048%        |

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

Peak separation: 5

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 15.063 | 2031 | 2036 | 2045 | rVB6 | 23101   | 49153   | 0.19%  | 0.024% |
| 38 | 15.598 | 2119 | 2127 | 2143 | rBV  | 2420987 | 3409000 | 12.94% | 1.638% |
| 39 | 15.728 | 2143 | 2149 | 2156 | rBV  | 631158  | 844899  | 3.21%  | 0.406% |
| 40 | 15.904 | 2174 | 2179 | 2183 | rBV  | 26972   | 41795   | 0.16%  | 0.020% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 41 | 15.945 | 2183 | 2186 | 2193 | rVV8 | 16957 | 31400  | 0.12% | 0.015% |
| 42 | 16.257 | 2235 | 2239 | 2245 | rBV3 | 17060 | 34038  | 0.13% | 0.016% |
| 43 | 16.492 | 2273 | 2279 | 2287 | rVV2 | 62878 | 108632 | 0.41% | 0.052% |
| 44 | 16.586 | 2288 | 2295 | 2303 | rBV5 | 31806 | 96233  | 0.37% | 0.046% |
| 45 | 16.722 | 2314 | 2318 | 2322 | rBV4 | 29165 | 42597  | 0.16% | 0.020% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 46 | 17.092 | 2377 | 2381 | 2387 | rVB  | 127776  | 163170  | 0.62%  | 0.078% |
| 47 | 17.157 | 2388 | 2392 | 2396 | rBV5 | 27296   | 39865   | 0.15%  | 0.019% |
| 48 | 17.222 | 2399 | 2403 | 2411 | rBV3 | 99302   | 155820  | 0.59%  | 0.075% |
| 49 | 17.286 | 2411 | 2414 | 2420 | rVB6 | 22064   | 27118   | 0.10%  | 0.013% |
| 50 | 17.375 | 2421 | 2429 | 2433 | rBV  | 1916092 | 2816639 | 10.69% | 1.354% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 17.410 | 2433 | 2435 | 2440 | rVV  | 85812   | 115162  | 0.44%  | 0.055% |
| 52 | 17.475 | 2440 | 2446 | 2458 | rVB  | 2334892 | 3382643 | 12.84% | 1.625% |
| 53 | 17.798 | 2498 | 2501 | 2508 | rVB2 | 33449   | 46803   | 0.18%  | 0.022% |
| 54 | 18.104 | 2548 | 2553 | 2559 | rBV3 | 75010   | 146520  | 0.56%  | 0.070% |
| 55 | 18.163 | 2559 | 2563 | 2567 | rVV  | 155310  | 189793  | 0.72%  | 0.091% |

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 56 | 18.216 | 2568 | 2572 | 2591 | rVV  | 1589323 | 2384402 | 9.05% | 1.146% |
| 57 | 18.510 | 2618 | 2622 | 2630 | rVB8 | 41470   | 78626   | 0.30% | 0.038% |
| 58 | 18.592 | 2632 | 2636 | 2639 | rBV2 | 39270   | 60286   | 0.23% | 0.029% |
| 59 | 18.739 | 2659 | 2661 | 2665 | rBB3 | 23585   | 28141   | 0.11% | 0.014% |
| 60 | 18.816 | 2670 | 2674 | 2677 | rVB  | 58358   | 73955   | 0.28% | 0.036% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 61 | 19.033 | 2708 | 2711 | 2713 | rBV  | 50937  | 63096  | 0.24% | 0.030% |
| 62 | 19.092 | 2718 | 2721 | 2726 | rVB  | 224478 | 275778 | 1.05% | 0.133% |
| 63 | 19.316 | 2756 | 2759 | 2761 | rBV  | 353303 | 404375 | 1.54% | 0.194% |
| 64 | 19.345 | 2761 | 2764 | 2765 | rVV  | 328955 | 394505 | 1.50% | 0.190% |
| 65 | 19.363 | 2765 | 2767 | 2778 | rVB2 | 515321 | 928406 | 3.52% | 0.446% |

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 66 | 19.451 | 2779 | 2782 | 2786 | rBV | 545711  | 689915  | 2.62%  | 0.332% |
| 67 | 19.651 | 2814 | 2816 | 2821 | rVB | 89157   | 106986  | 0.41%  | 0.051% |
| 68 | 19.716 | 2821 | 2827 | 2839 | rVB | 3486850 | 4743862 | 18.01% | 2.280% |
| 69 | 19.957 | 2864 | 2868 | 2873 | rBV | 258181  | 364993  | 1.39%  | 0.175% |
| 70 | 20.175 | 2901 | 2905 | 2916 | rVB | 1246219 | 1592546 | 6.05%  | 0.765% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 20.510 | 2959 | 2962 | 2968 | rVB2 | 209985  | 289763  | 1.10%  | 0.139% |
| 72 | 20.663 | 2983 | 2988 | 2999 | rVB5 | 280714  | 576971  | 2.19%  | 0.277% |
| 73 | 20.851 | 3017 | 3020 | 3024 | rBV  | 311928  | 329509  | 1.25%  | 0.158% |
| 74 | 21.122 | 3062 | 3066 | 3068 | rBV  | 1722781 | 2132952 | 8.10%  | 1.025% |
| 75 | 21.145 | 3068 | 3070 | 3079 | rVB  | 2326149 | 3446257 | 13.08% | 1.656% |

|    |        |      |      |      |     |        |        |       |        |
|----|--------|------|------|------|-----|--------|--------|-------|--------|
| 76 | 21.310 | 3095 | 3098 | 3101 | rBV | 292638 | 284267 | 1.08% | 0.137% |
|----|--------|------|------|------|-----|--------|--------|-------|--------|

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|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 77 | 21.439 | 3116 | 3120 | 3123 | rBV  | 1103256  | 1505769  | 5.72%   | 0.724%  |
| 78 | 21.474 | 3123 | 3126 | 3131 | rVB  | 2295217  | 3058800  | 11.61%  | 1.470%  |
| 79 | 21.774 | 3173 | 3177 | 3182 | rBV  | 1513310  | 1793251  | 6.81%   | 0.862%  |
| 80 | 22.039 | 3217 | 3222 | 3226 | rBV  | 2172739  | 2746641  | 10.43%  | 1.320%  |
| 81 | 22.092 | 3226 | 3231 | 3239 | rBV  | 3247777  | 6412925  | 24.35%  | 3.082%  |
| 82 | 22.274 | 3259 | 3262 | 3268 | rVB  | 564508   | 731509   | 2.78%   | 0.352%  |
| 83 | 22.433 | 3285 | 3289 | 3301 | rVB  | 786064   | 1341601  | 5.09%   | 0.645%  |
| 84 | 22.551 | 3305 | 3309 | 3314 | rVB  | 604105   | 918151   | 3.49%   | 0.441%  |
| 85 | 22.833 | 3351 | 3357 | 3366 | rBV  | 5049206  | 7708018  | 29.27%  | 3.704%  |
| 86 | 23.133 | 3402 | 3408 | 3416 | rVB  | 6345861  | 11100777 | 42.15%  | 5.334%  |
| 87 | 23.227 | 3418 | 3424 | 3434 | rBV  | 4364097  | 11262340 | 42.76%  | 5.412%  |
| 88 | 23.457 | 3459 | 3463 | 3479 | rVB  | 757650   | 1394413  | 5.29%   | 0.670%  |
| 89 | 23.786 | 3514 | 3519 | 3522 | rBV2 | 855572   | 1639086  | 6.22%   | 0.788%  |
| 90 | 23.833 | 3523 | 3527 | 3534 | rVB2 | 1972860  | 3777021  | 14.34%  | 1.815%  |
| 91 | 24.004 | 3550 | 3556 | 3565 | rVB  | 1613592  | 3374511  | 12.81%  | 1.622%  |
| 92 | 24.186 | 3580 | 3587 | 3596 | rBV  | 5929398  | 12042367 | 45.72%  | 5.787%  |
| 93 | 24.568 | 3642 | 3652 | 3667 | rVB  | 10045053 | 26337951 | 100.00% | 12.656% |
| 94 | 24.721 | 3670 | 3678 | 3689 | rBV  | 2524371  | 8353395  | 31.72%  | 4.014%  |
| 95 | 25.457 | 3797 | 3803 | 3819 | rVB2 | 1077015  | 3298977  | 12.53%  | 1.585%  |
| 96 | 26.027 | 3892 | 3900 | 3923 | rVB2 | 2520634  | 7311036  | 27.76%  | 3.513%  |
| 97 | 26.521 | 3973 | 3984 | 4010 | rVB  | 5517238  | 20007384 | 75.96%  | 9.614%  |
| 98 | 27.598 | 4156 | 4167 | 4187 | rVB2 | 3612400  | 15830228 | 60.10%  | 7.607%  |

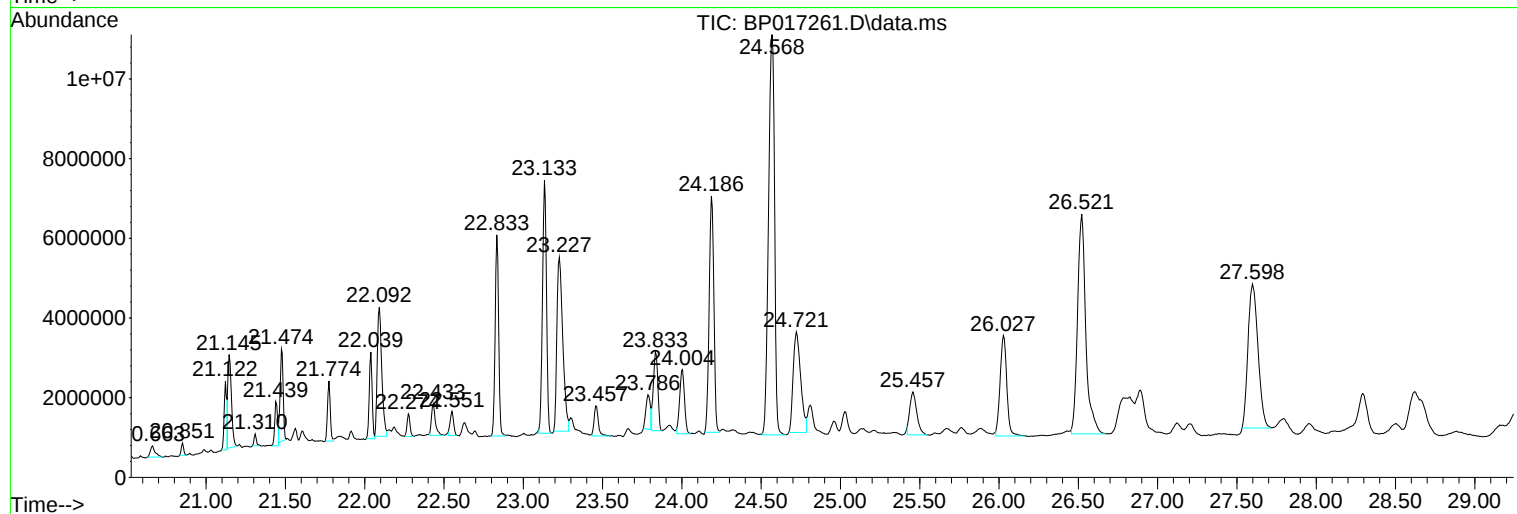
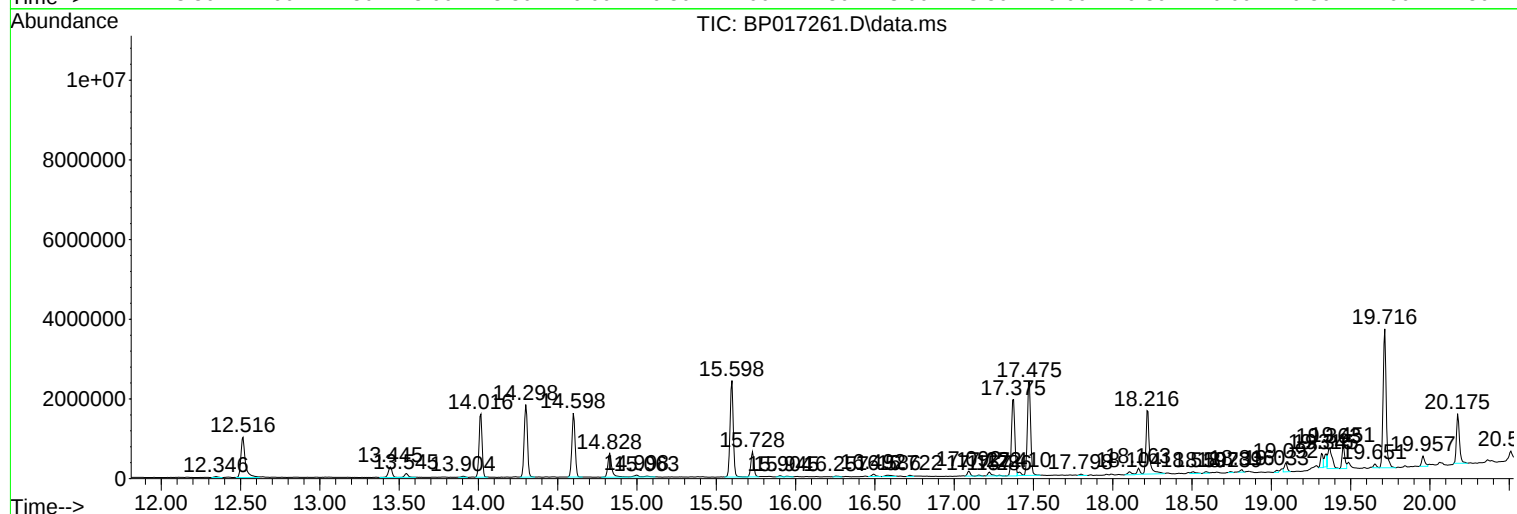
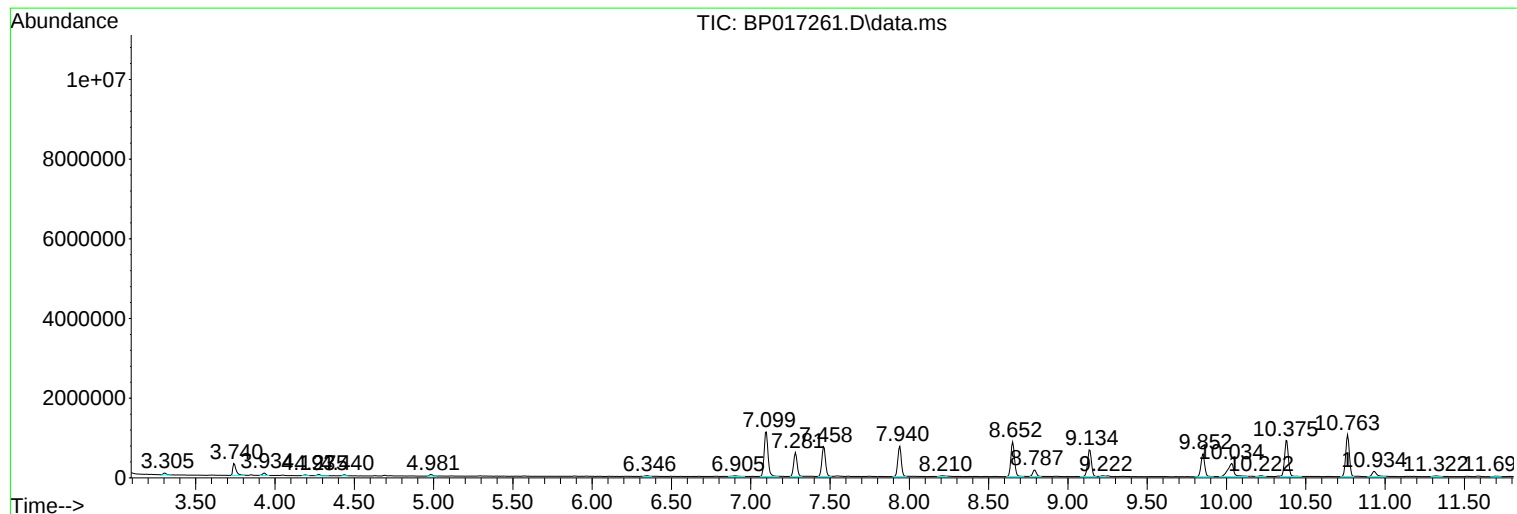
Sum of corrected areas: 208100243

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



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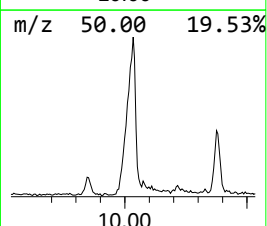
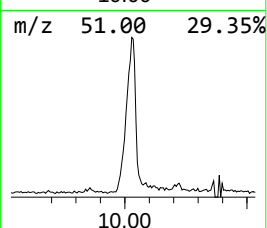
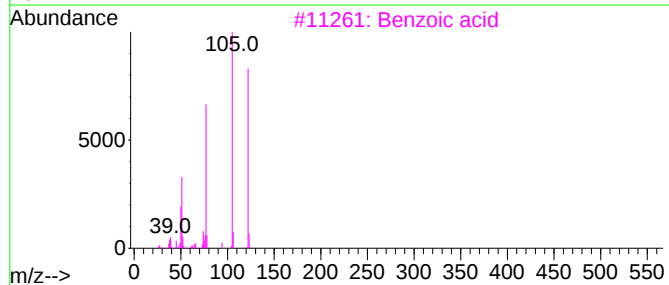
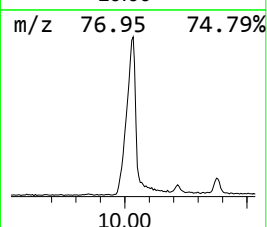
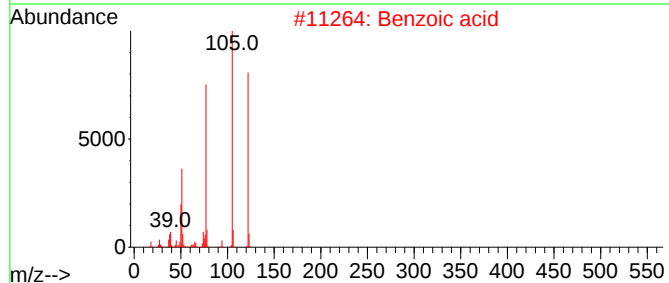
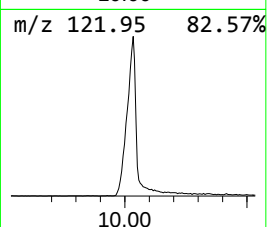
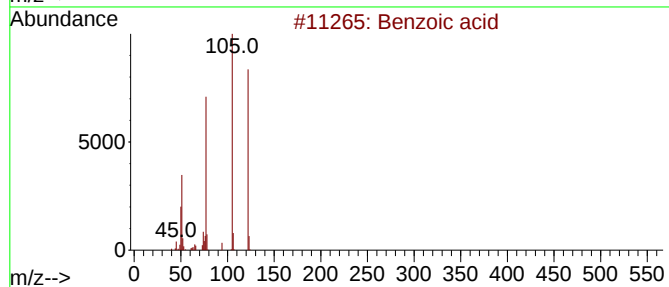
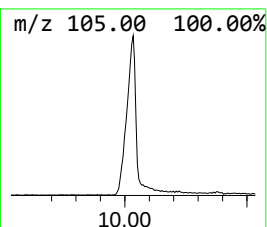
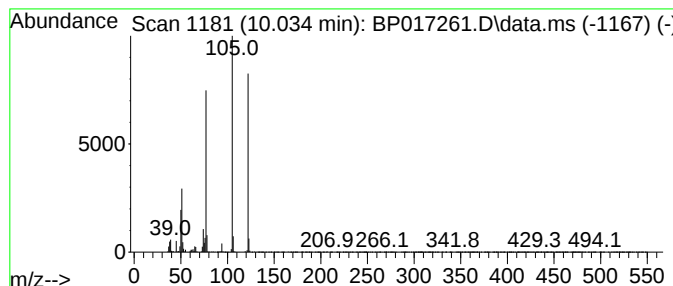
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzoic acid Concentration Rank 17

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 10.034 | 10.60 ng/ul | 903336 | Naphthalene-d8   | 10.763 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzoic acid                  | 122 | C7H6O2   | 000065-85-0 | 96   |
| 2    |    |   | Benzoic acid                  | 122 | C7H6O2   | 000065-85-0 | 94   |
| 3    |    |   | Benzoic acid                  | 122 | C7H6O2   | 000065-85-0 | 94   |
| 4    |    |   | Benzoic acid                  | 122 | C7H6O2   | 000065-85-0 | 90   |
| 5    |    |   | Benzoic acid, silver(1+) salt | 228 | C7H5AgO2 | 000532-31-0 | 90   |



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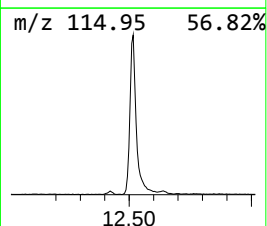
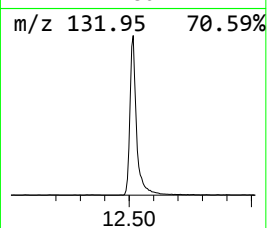
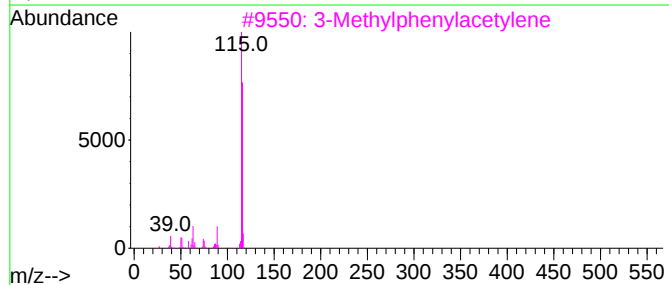
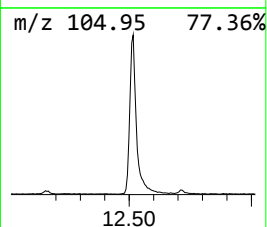
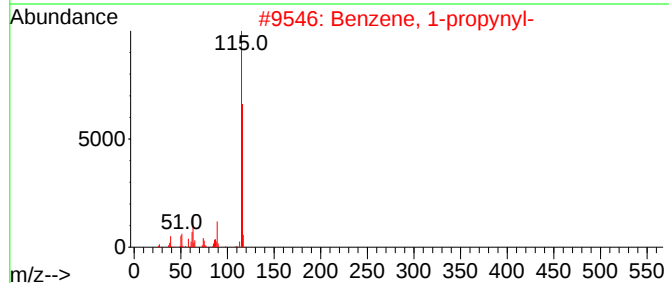
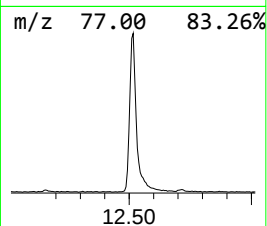
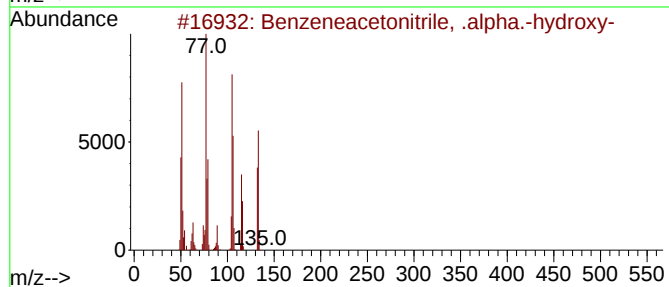
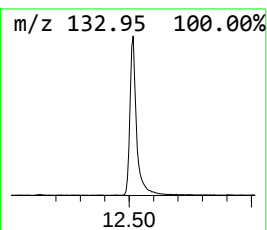
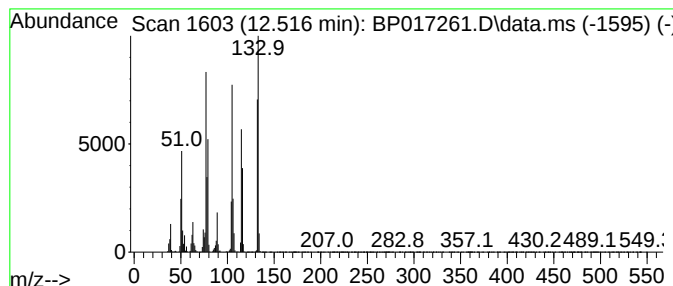
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzeneacetonitrile, .alpha... Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 12.516 | 22.75 ng/ul | 1938690 | Naphthalene-d8   | 10.763 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzeneacetonitrile, .alpha.-hyd... | 133 | C8H7NO  | 000532-28-5 | 58   |
| 2    |    |   | Benzene, 1-propynyl-                | 116 | C9H8    | 000673-32-5 | 43   |
| 3    |    |   | 3-Methylphenylacetylene             | 116 | C9H8    | 000766-82-5 | 43   |
| 4    |    |   | Cyclopropanamine, 2-phenyl-, tra... | 133 | C9H11N  | 003721-28-6 | 43   |
| 5    |    |   | Benzene, 1-isocyanato-4-methyl-     | 133 | C8H7NO  | 000622-58-2 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

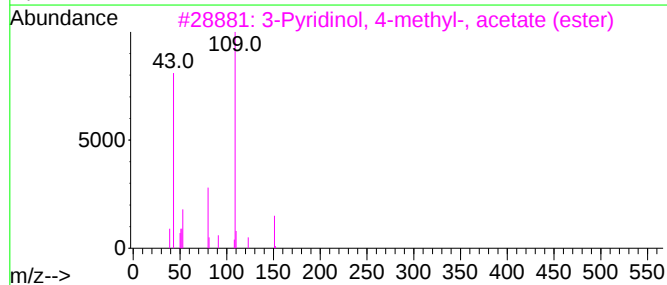
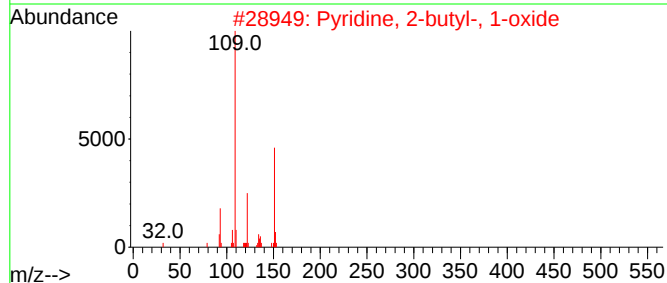
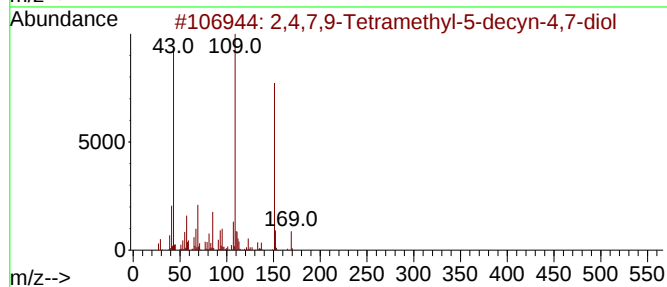
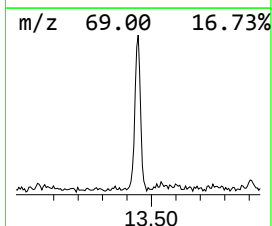
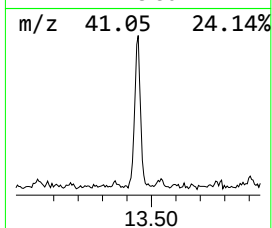
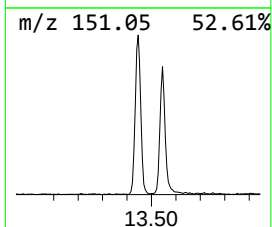
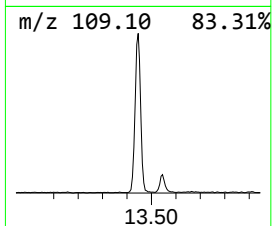
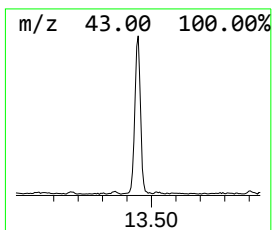
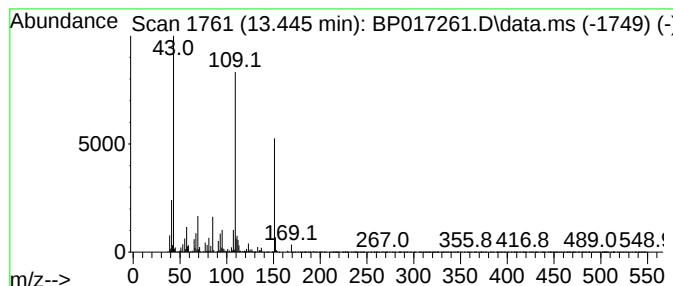
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 24

| R.T.      | EstConc                             | Area   | Relative to ISTD |           | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-----------|-------------|------|
| 13.445    | 3.93 ng/ul                          | 444459 | Acenaphthene-d10 |           | 14.598      |      |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm   | CAS#        | Qual |
| 1         | 2,4,7,9-Tetramethyl-5-decyn-4,7-... |        | 226              | C14H26O2  | 000126-86-3 | 91   |
| 2         | Pyridine, 2-butyl-, 1-oxide         |        | 151              | C9H13NO   | 031396-32-4 | 53   |
| 3         | 3-Pyridinol, 4-methyl-, acetate ... |        | 151              | C8H9NO2   | 001006-96-8 | 53   |
| 4         | Metacetamol                         |        | 151              | C8H9NO2   | 000621-42-1 | 53   |
| 5         | Diacetamate                         |        | 193              | C10H11NO3 | 002623-33-8 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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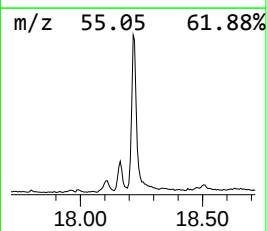
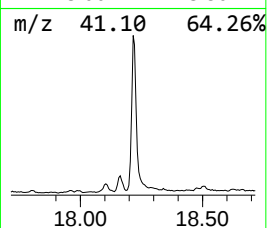
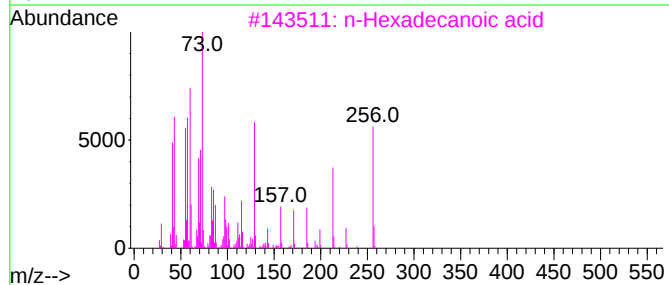
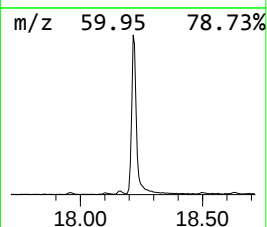
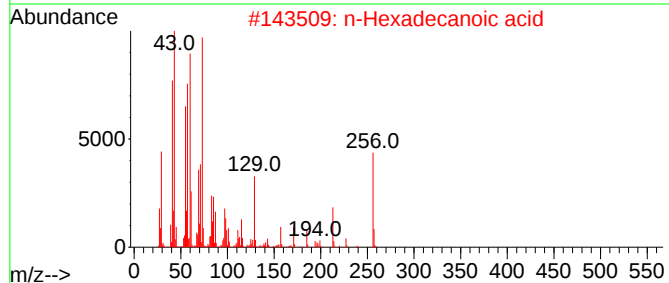
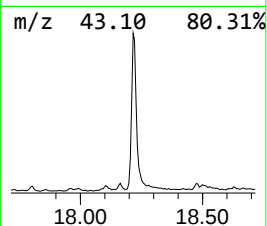
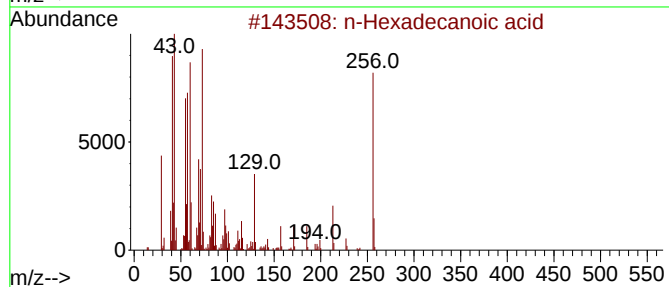
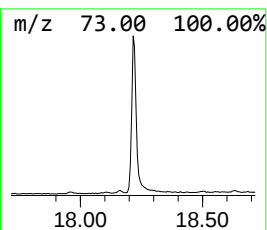
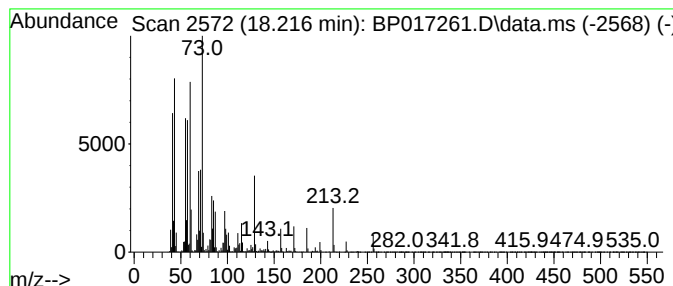
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.216 | 16.93 ng/ul | 2384400 | Phenanthrene-d10 | 17.375 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

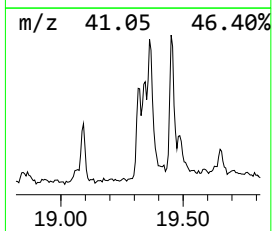
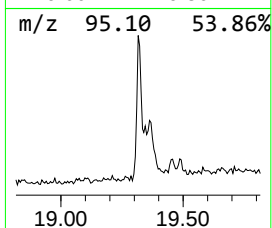
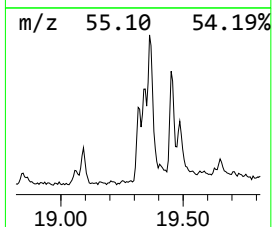
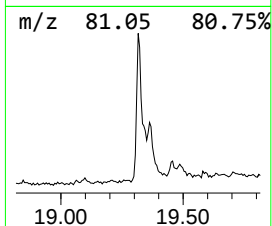
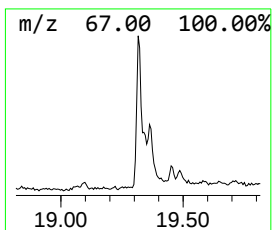
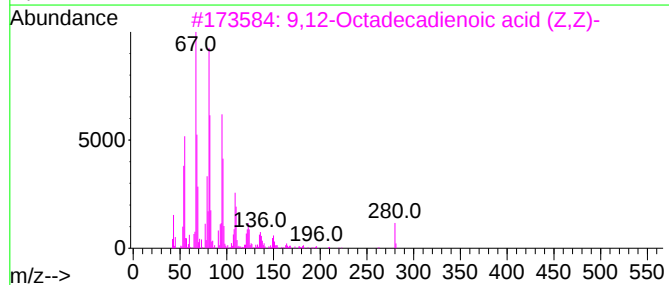
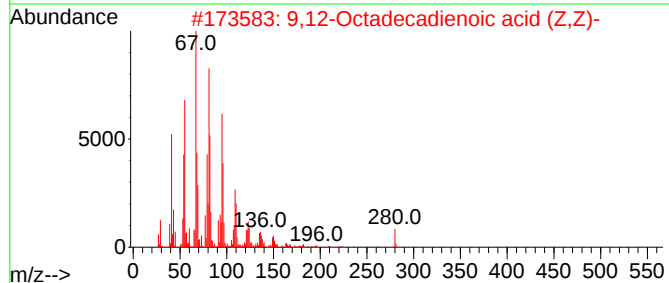
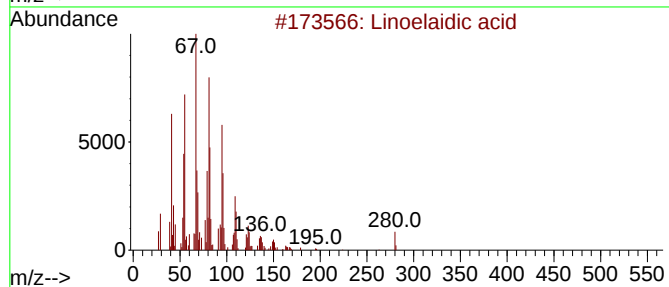
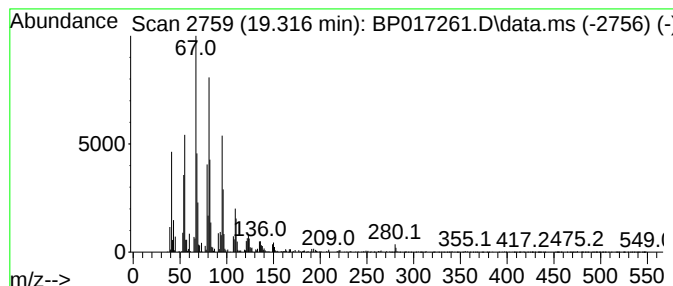
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Linoelaidic acid Concentration Rank 26

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.316 | 2.87 ng/ul | 404375 | Phenanthrene-d10 | 17.375 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Linoelaidic acid                 | 280 | C18H32O2 | 000506-21-8 | 99   |
| 2    |    |   | 9,12-Octadecadienoic acid (Z,Z)- | 280 | C18H32O2 | 000060-33-3 | 99   |
| 3    |    |   | 9,12-Octadecadienoic acid (Z,Z)- | 280 | C18H32O2 | 000060-33-3 | 98   |
| 4    |    |   | (9E,11E)-Octadecadienoic acid    | 280 | C18H32O2 | 000544-71-8 | 98   |
| 5    |    |   | 10E,12Z-Octadecadienoic acid     | 280 | C18H32O2 | 002420-56-6 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

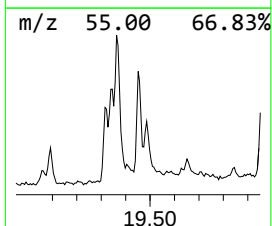
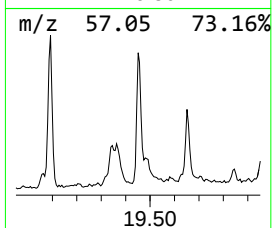
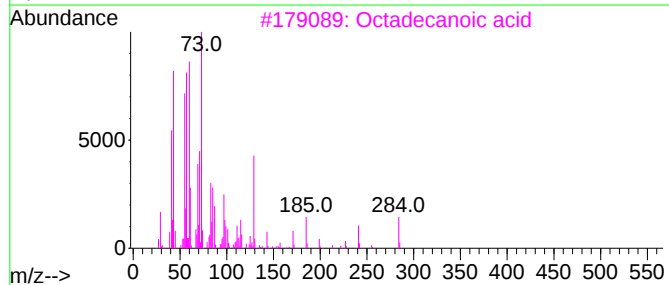
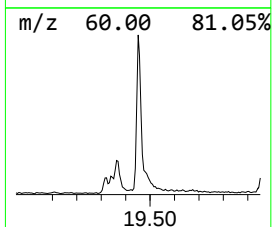
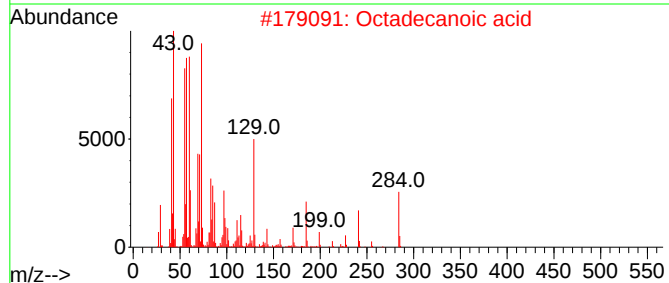
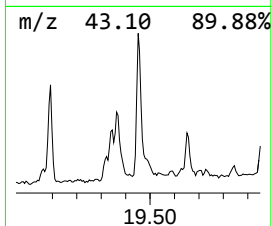
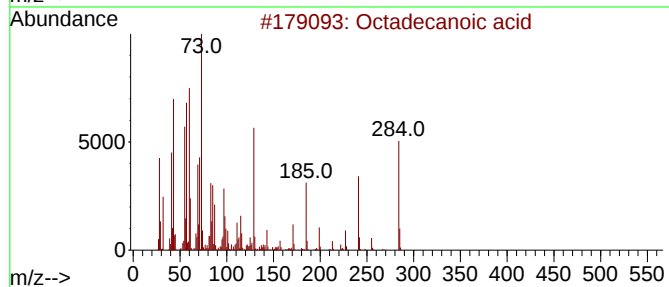
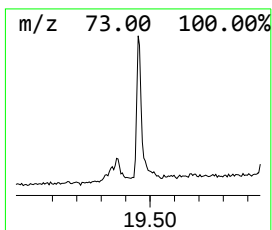
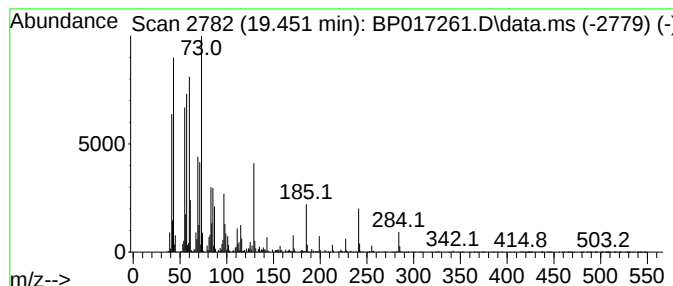
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Octadecanoic acid Concentration Rank 23

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.451 | 4.51 ng/ul | 689915 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 94   |
| 4    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 94   |
| 5    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

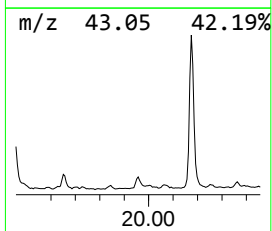
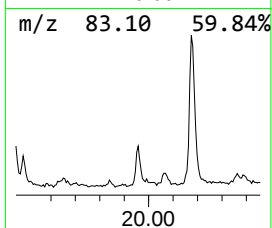
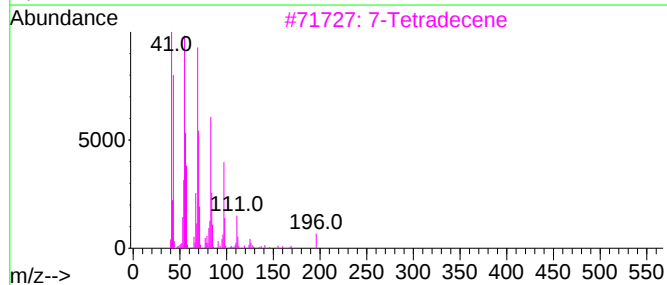
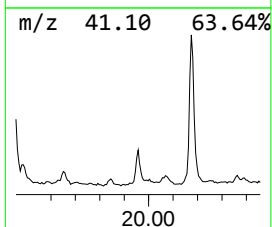
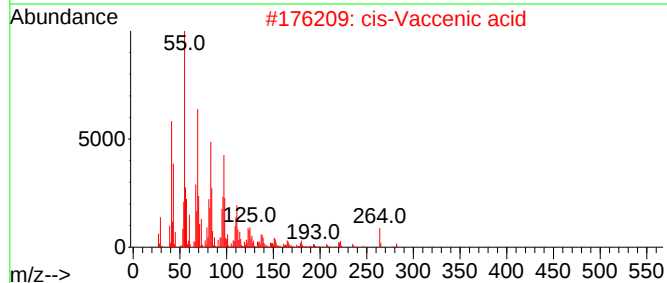
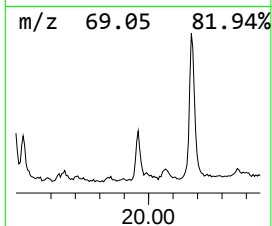
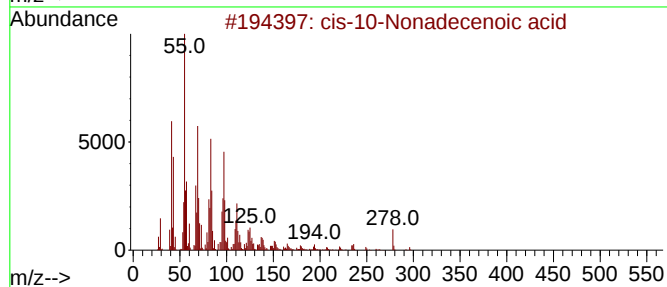
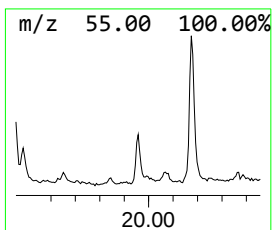
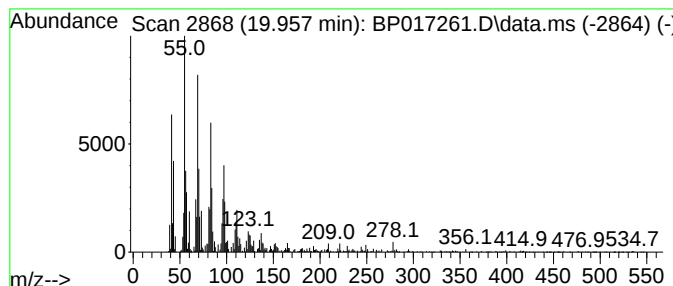
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 cis-10-Nonadecenoic acid Concentration Rank 27

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.957 | 2.39 ng/ul | 364993 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | cis-10-Nonadecenoic acid   | 296 | C19H36O2 | 073033-09-7 | 96   |
| 2    |    |   | cis-Vaccenic acid          | 282 | C18H34O2 | 000506-17-2 | 89   |
| 3    |    |   | 7-Tetradecene              | 196 | C14H28   | 010374-74-0 | 89   |
| 4    |    |   | trans-13-Octadecenoic acid | 282 | C18H34O2 | 000693-71-0 | 87   |
| 5    |    |   | cis-13-Octadecenoic acid   | 282 | C18H34O2 | 013126-39-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

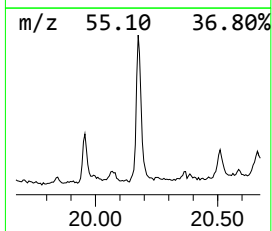
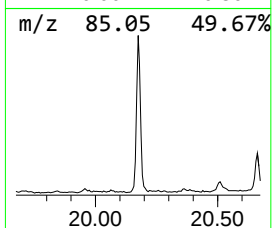
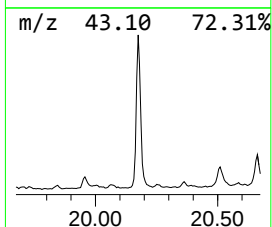
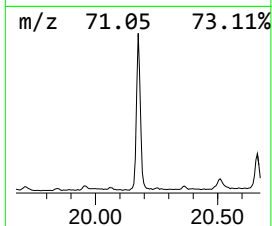
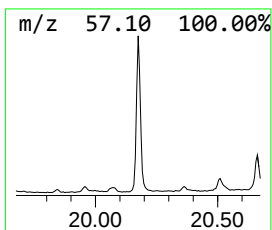
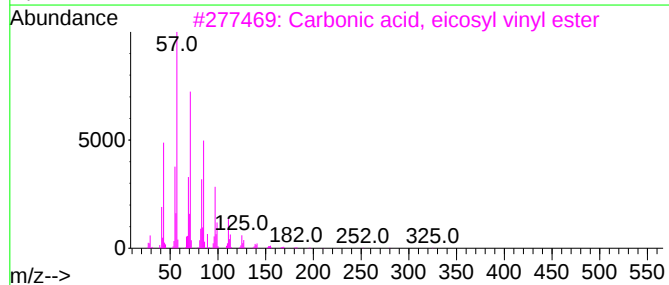
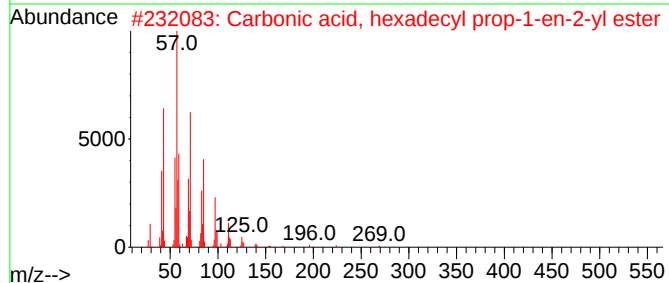
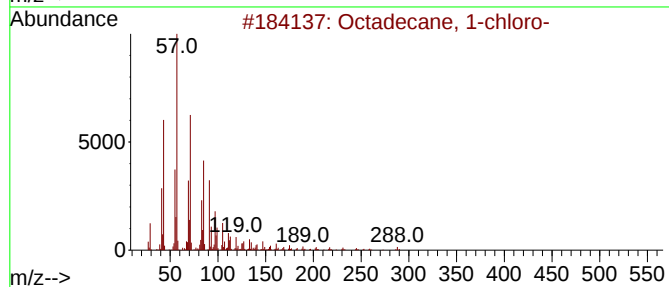
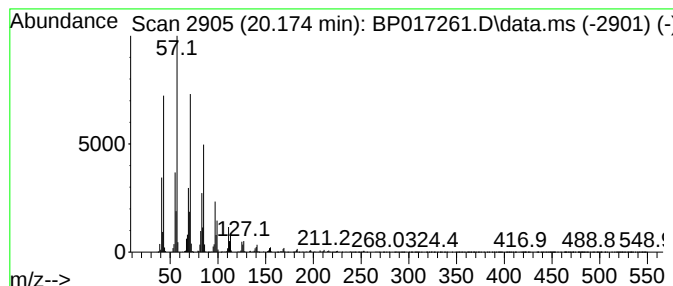
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Octadecane, 1-chloro- Concentration Rank 18

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 20.174 | 10.41 ng/ul | 1592550 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Octadecane, 1-chloro-               | 288 | C18H37Cl    | 003386-33-2  | 91   |
| 2    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3    | 1000382-90-3 | 91   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3    | 1000382-54-3 | 91   |
| 4    |    |   | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3    | 1000382-54-4 | 91   |
| 5    |    |   | 1-Octadecanesulphonyl chloride      | 352 | C18H37ClO2S | 1000342-70-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

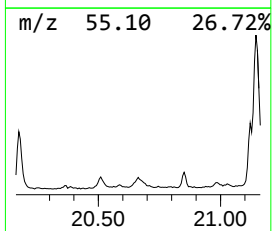
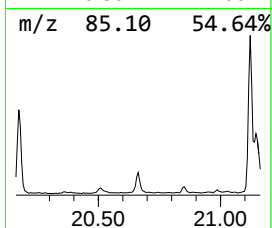
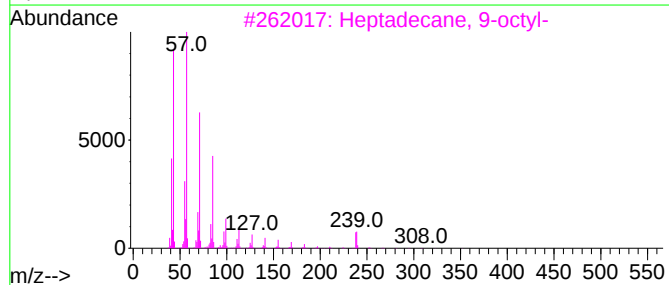
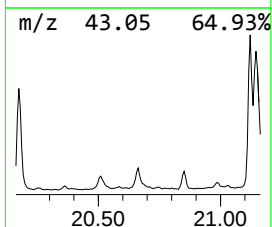
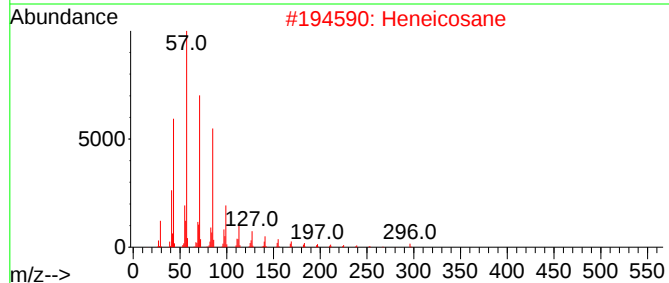
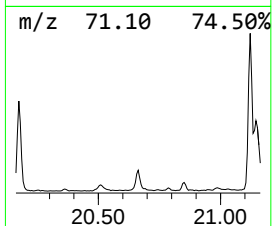
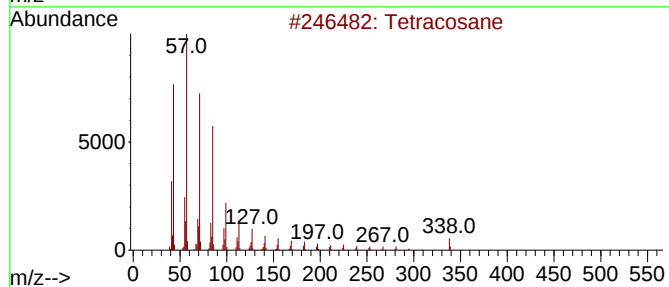
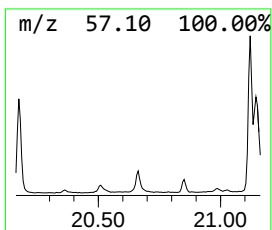
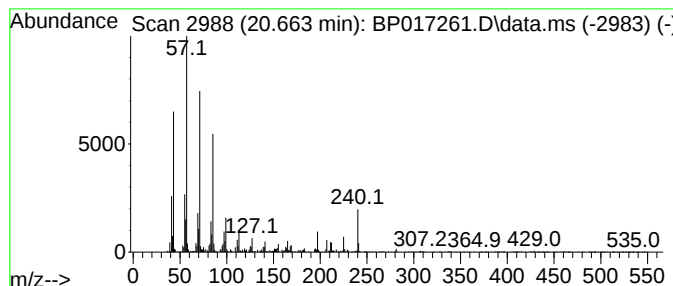
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.663 | 3.77 ng/ul | 576971 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1 | 97   |
| 2    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 97   |
| 3    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 94   |
| 4    |    |   | Pentadecane           | 212 | C15H32  | 000629-62-9 | 90   |
| 5    |    |   | 9-Methylheneicosane   | 310 | C22H46  | 070475-51-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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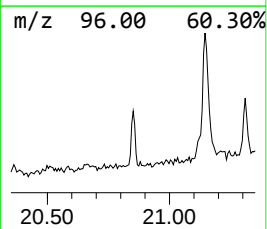
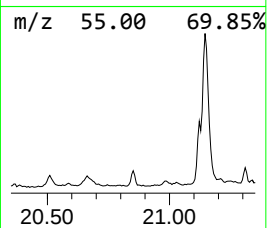
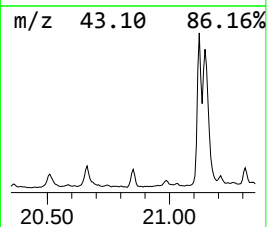
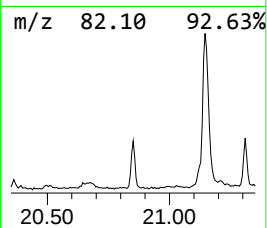
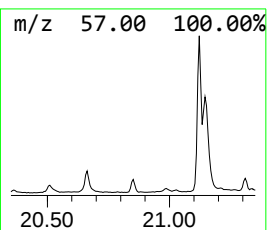
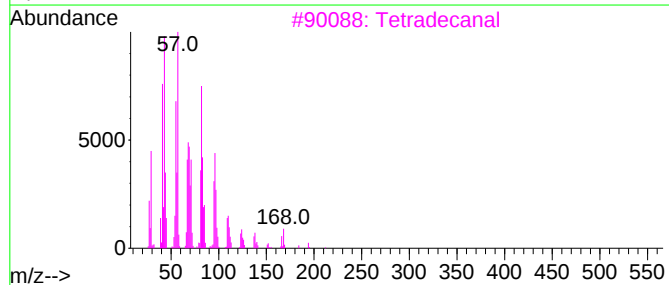
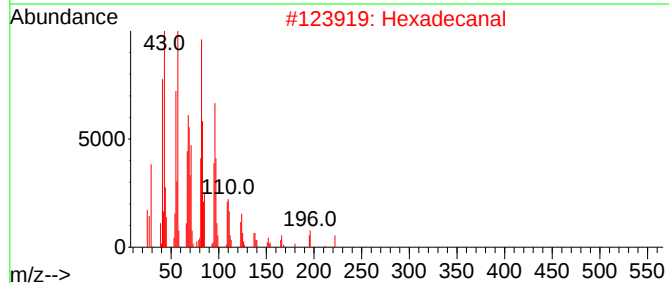
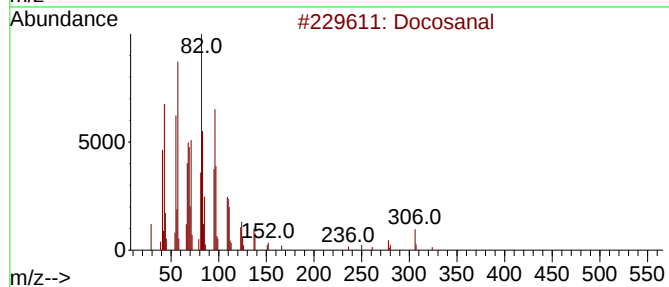
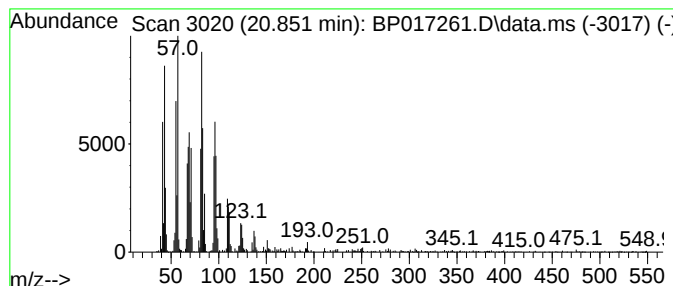
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Docosanal Concentration Rank 28

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.851 | 2.15 ng/ul | 329509 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------|-----|---------|--------------|------|
| 1    |    |   | Docosanal                     | 324 | C22H44O | 057402-36-5  | 96   |
| 2    |    |   | Hexadecanal                   | 240 | C16H32O | 000629-80-1  | 94   |
| 3    |    |   | Tetradecanal                  | 212 | C14H28O | 000124-25-4  | 93   |
| 4    |    |   | Bicyclo[10.8.0]eicosane, (E)- | 278 | C20H38  | 1010155-85-0 | 93   |
| 5    |    |   | Eicosen-1-ol, cis-9-          | 296 | C20H40O | 112248-30-3  | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

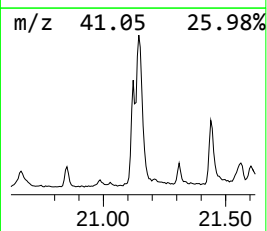
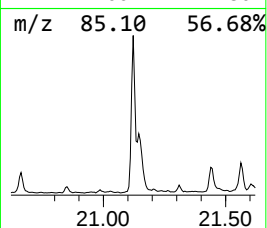
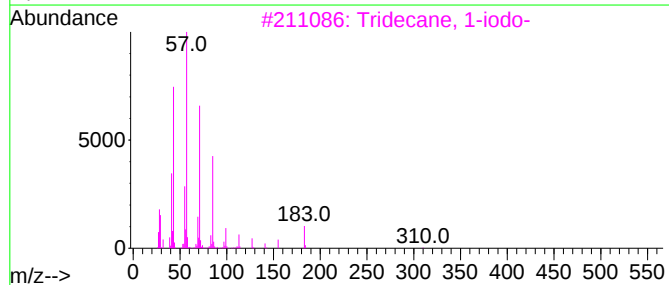
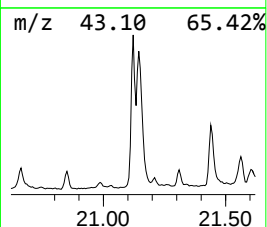
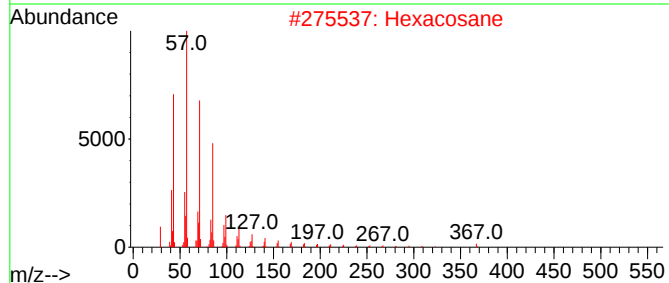
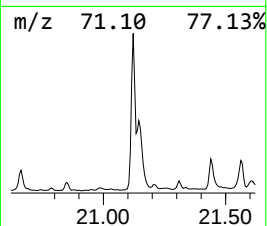
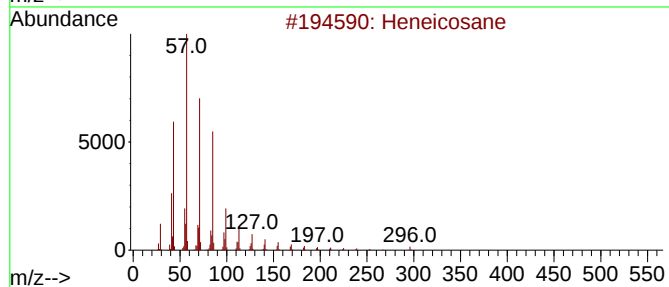
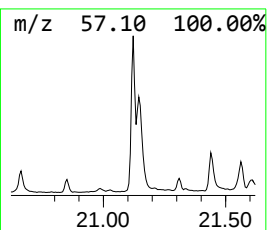
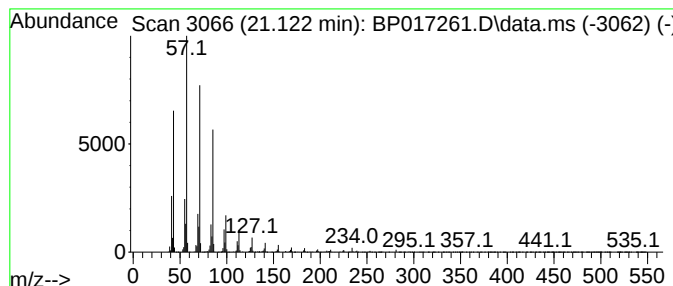
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T.      | EstConc            | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------|---------|------------------|---------|-------------|------|
| 21.122    | 13.95 ng/ul        | 2132950 | Chrysene-d12     |         | 21.474      |      |
| Hit# of 5 | Tentative ID       |         | MW               | MolForm | CAS#        | Qual |
| 1         | Heneicosane        |         | 296              | C21H44  | 000629-94-7 | 91   |
| 2         | Hexacosane         |         | 366              | C26H54  | 000630-01-3 | 91   |
| 3         | Tridecane, 1-iodo- |         | 310              | C13H27I | 035599-77-0 | 91   |
| 4         | Eicosane, 7-hexyl- |         | 366              | C26H54  | 055333-99-8 | 91   |
| 5         | Heneicosane        |         | 296              | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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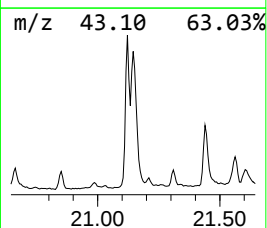
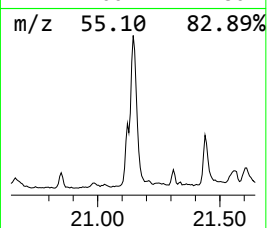
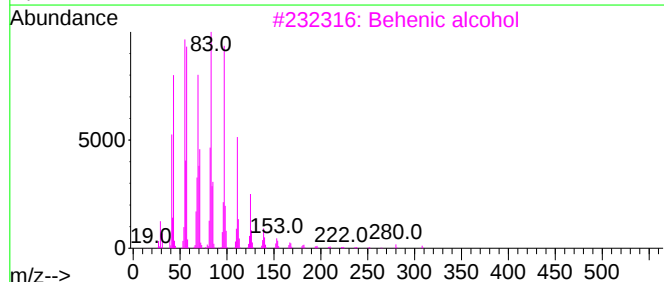
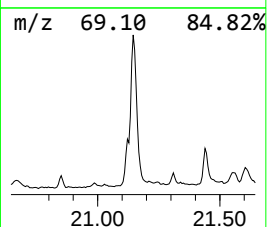
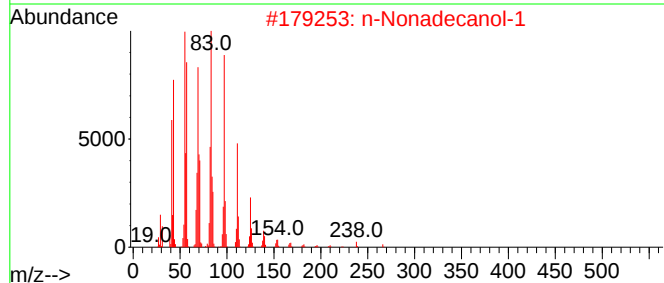
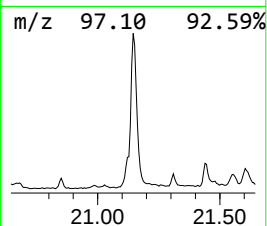
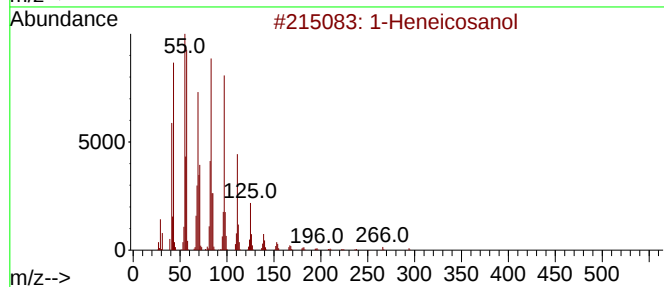
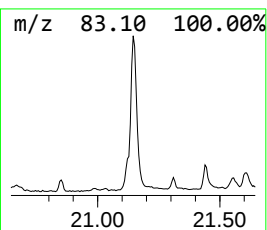
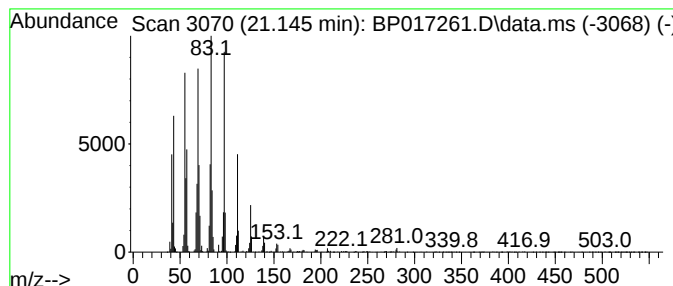
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 1-Heneicosanol Concentration Rank 11

| R.T.      | EstConc          | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------|---------|------------------|-------------|------|
| 21.145    | 22.53 ng/ul      | 3446260 | Chrysene-d12     | 21.474      |      |
| Hit# of 5 | Tentative ID     | MW      | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol   | 312     | C21H44O          | 015594-90-8 | 94   |
| 2         | n-Nonadecanol-1  | 284     | C19H40O          | 001454-84-8 | 91   |
| 3         | Behenic alcohol  | 326     | C22H46O          | 000661-19-8 | 91   |
| 4         | Cyclotetradecane | 196     | C14H28           | 000295-17-0 | 86   |
| 5         | Pentacos-1-ene   | 350     | C25H50           | 016980-85-1 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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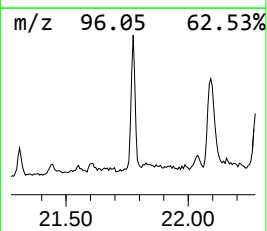
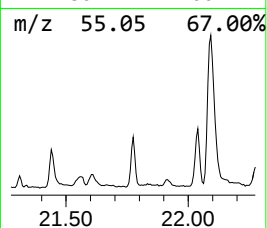
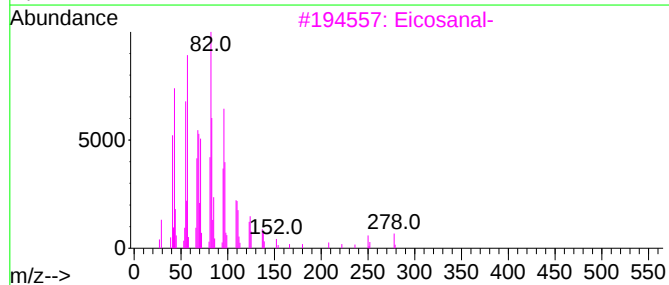
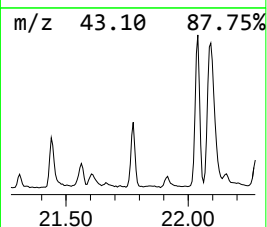
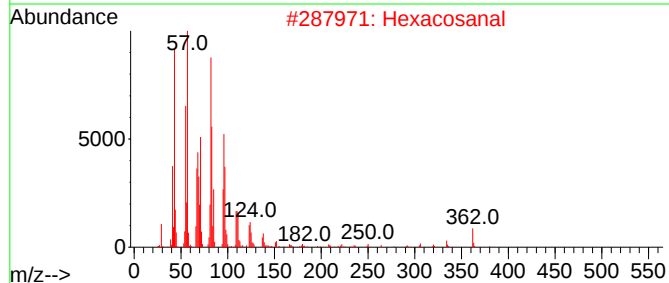
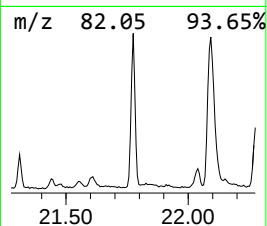
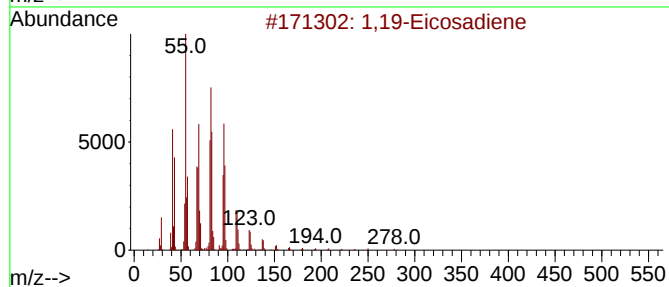
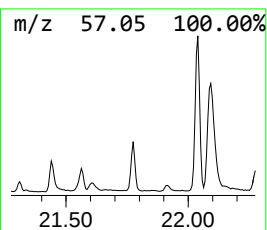
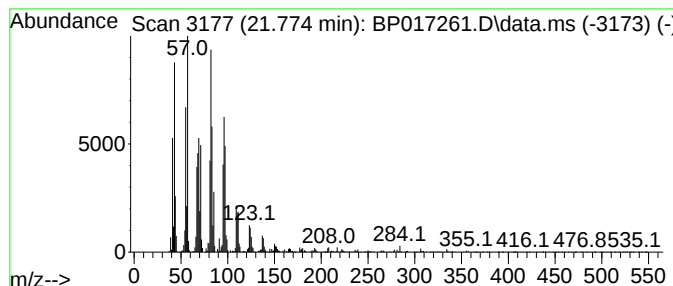
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 1,19-Eicosadiene Concentration Rank 16

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.774 | 11.73 ng/ul | 1793250 | Chrysene-d12     | 21.474 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1,19-Eicosadiene     |   |              | 278 | C20H38  | 014811-95-1 | 95   |
| 2    | Hexacosanal          |   |              | 380 | C26H52O | 026627-85-0 | 94   |
| 3    | Eicosanal-           |   |              | 296 | C20H40O | 002400-66-0 | 93   |
| 4    | Oxirane, hexadecyl-  |   |              | 268 | C18H36O | 007390-81-0 | 91   |
| 5    | Oxirane, heptadecyl- |   |              | 282 | C19H38O | 067860-04-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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

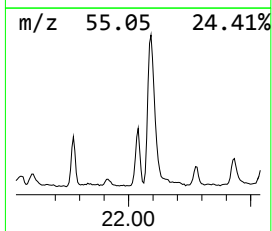
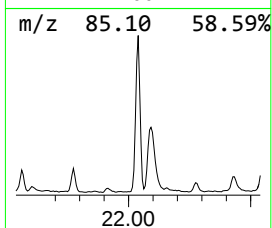
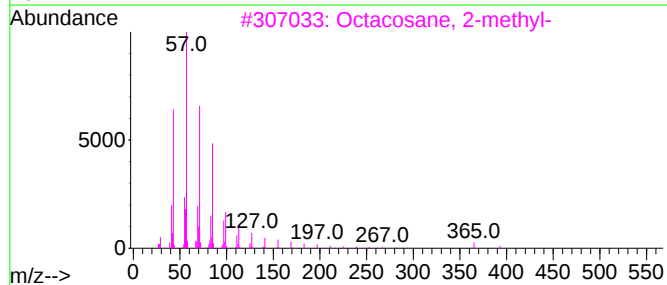
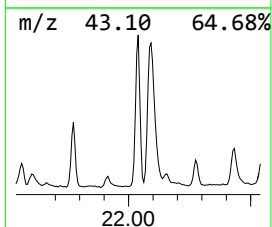
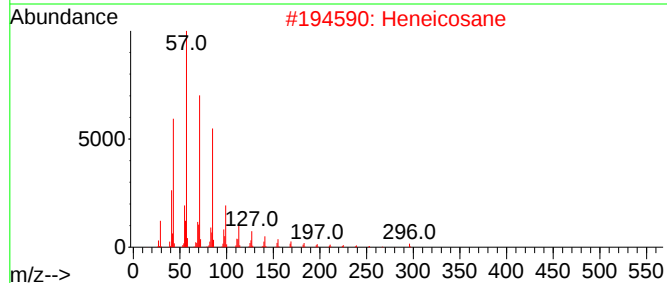
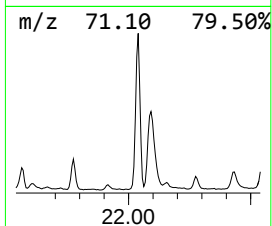
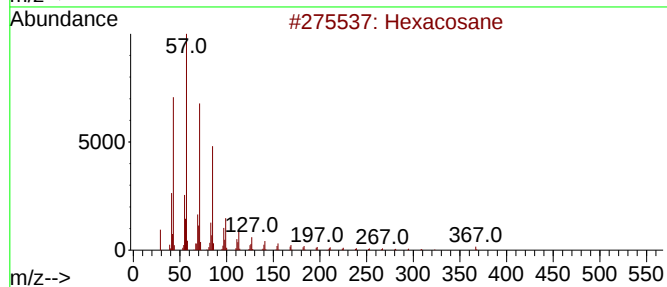
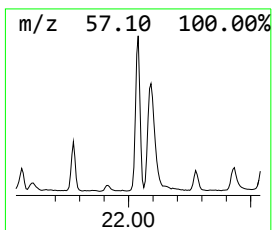
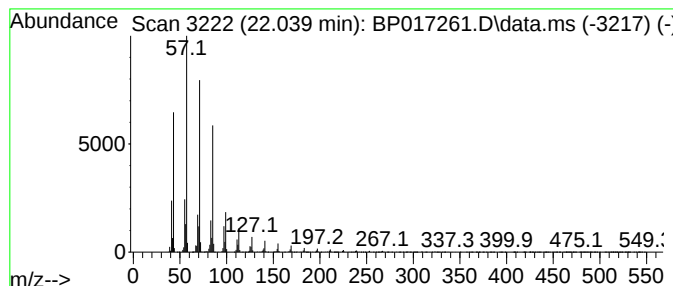
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.039 | 17.96 ng/ul | 2746640 | Chrysene-d12     | 21.474 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

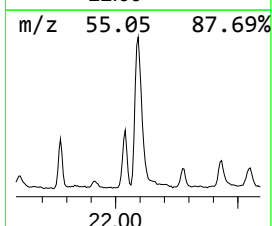
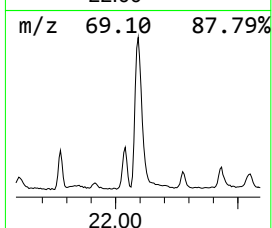
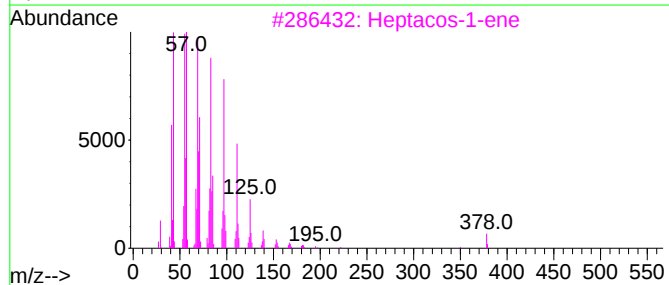
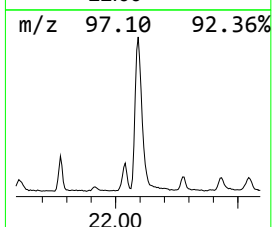
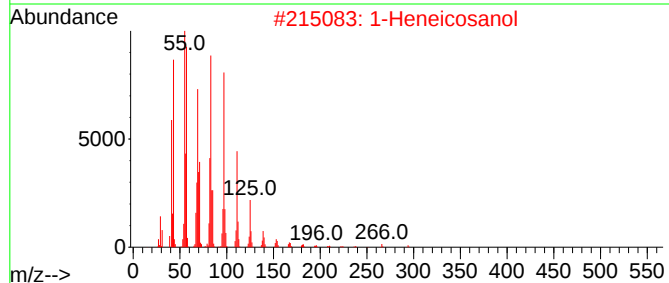
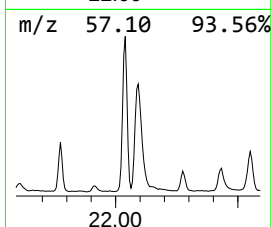
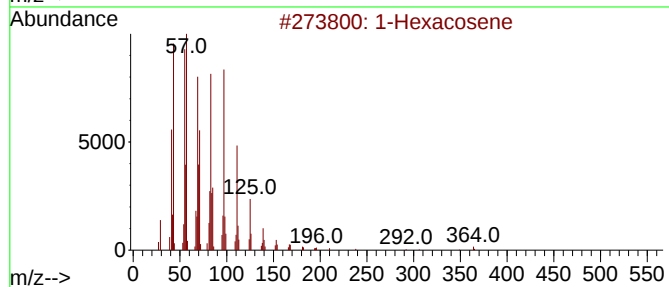
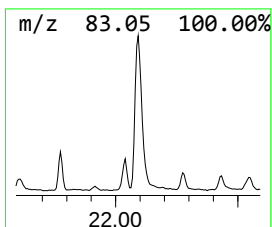
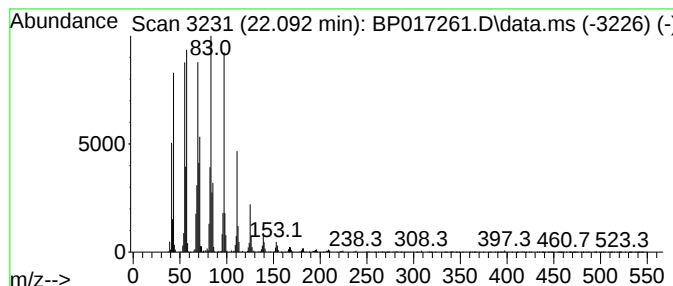
Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T.      | EstConc          | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------|---------|------------------|---------|-------------|------|
| 22.092    | 41.93 ng/ul      | 6412930 | Chrysene-d12     |         | 21.474      |      |
| Hit# of 5 | Tentative ID     |         | MW               | MolForm | CAS#        | Qual |
| 1         | 1-Hexacosene     |         | 364              | C26H52  | 018835-33-1 | 95   |
| 2         | 1-Heneicosanol   |         | 312              | C21H44O | 015594-90-8 | 95   |
| 3         | Heptacos-1-ene   |         | 378              | C27H54  | 015306-27-1 | 94   |
| 4         | n-Nonadecanol-1  |         | 284              | C19H40O | 001454-84-8 | 94   |
| 5         | n-Tetracosanol-1 |         | 354              | C24H50O | 000506-51-4 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

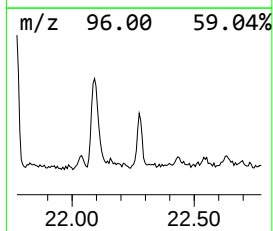
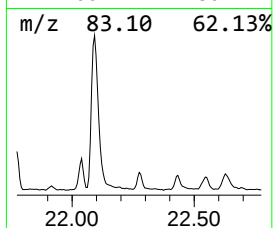
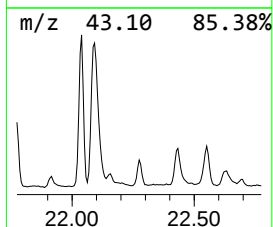
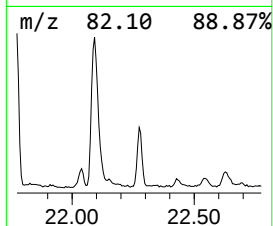
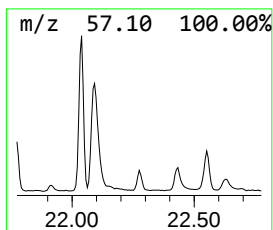
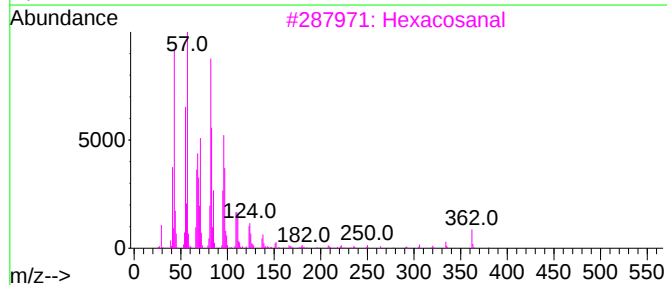
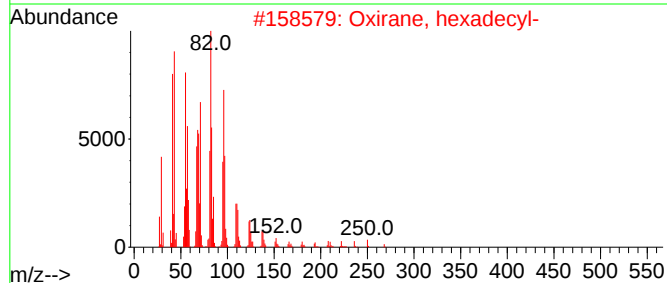
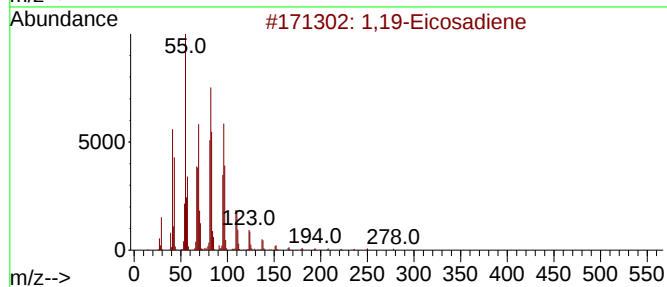
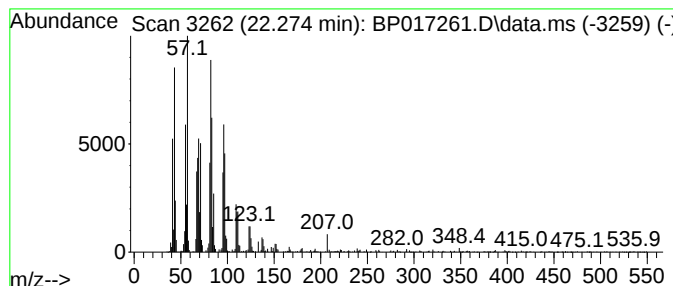
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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 Oxirane, hexadecyl- Concentration Rank 22

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.274 | 4.78 ng/ul | 731509 | Chrysene-d12     | 21.474 |

| Hit# | of                          | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|-----------------------------|---|--------------|-----|---------|--------------|------|
| 1    | 1,19-Eicosadiene            |   |              | 278 | C20H38  | 014811-95-1  | 95   |
| 2    | Oxirane, hexadecyl-         |   |              | 268 | C18H36O | 007390-81-0  | 94   |
| 3    | Hexacosanal                 |   |              | 380 | C26H52O | 026627-85-0  | 94   |
| 4    | Oxirane, heptadecyl-        |   |              | 282 | C19H38O | 067860-04-2  | 93   |
| 5    | Oleyl alcohol, methyl ether |   |              | 282 | C19H38O | 1010352-68-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

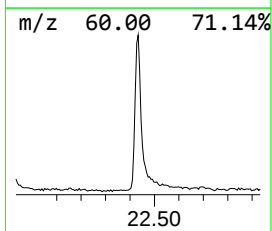
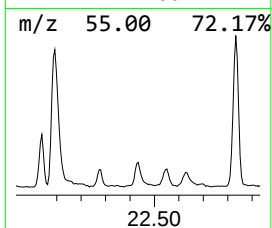
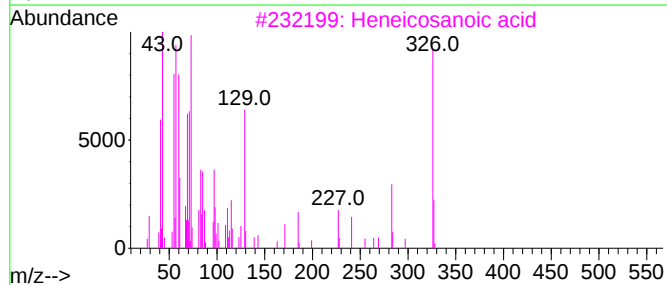
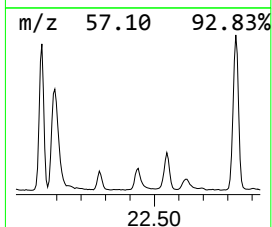
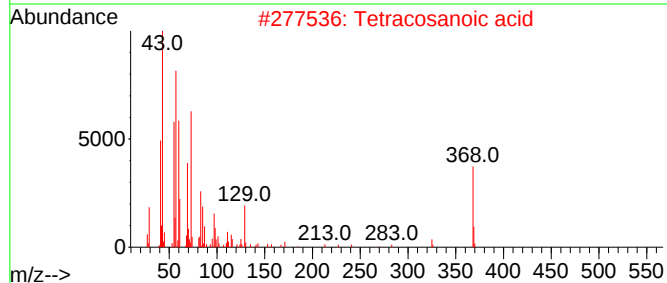
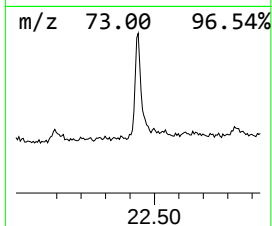
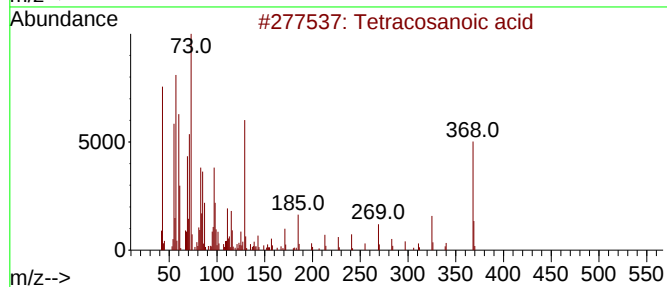
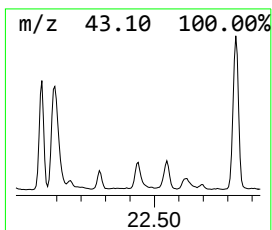
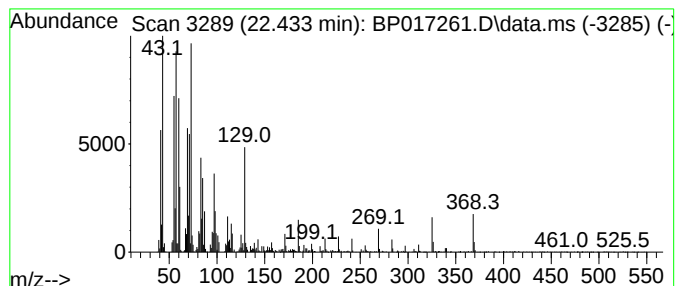
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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Tetracosanoic acid Concentration Rank 19

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 22.433 | 8.77 ng/ul | 1341600 | Chrysene-d12     | 21.474 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Tetracosanoic acid | 368 | C24H48O2 | 000557-59-5 | 99   |
| 2    |    |   | Tetracosanoic acid | 368 | C24H48O2 | 000557-59-5 | 99   |
| 3    |    |   | Heneicosanoic acid | 326 | C21H42O2 | 002363-71-5 | 98   |
| 4    |    |   | Tetracosanoic acid | 368 | C24H48O2 | 000557-59-5 | 96   |
| 5    |    |   | Docosanoic acid    | 340 | C22H44O2 | 000112-85-6 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

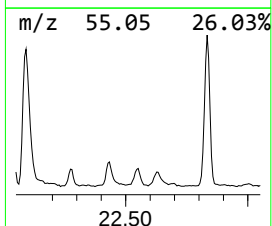
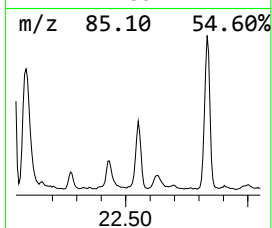
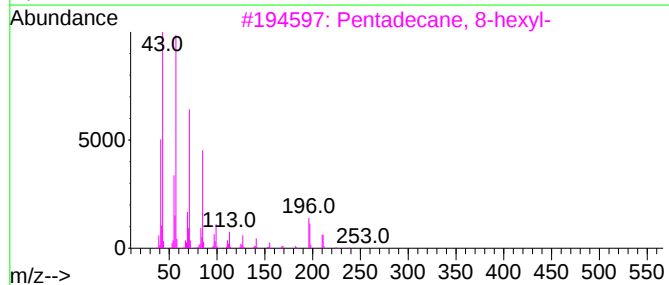
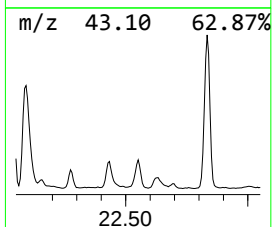
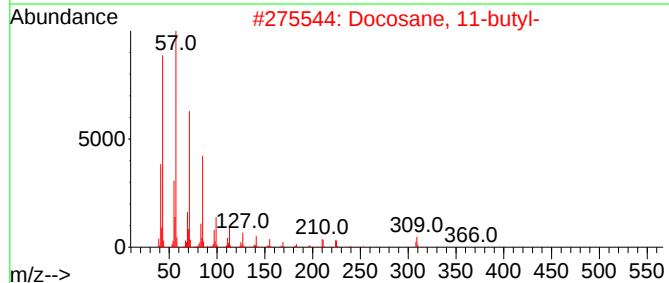
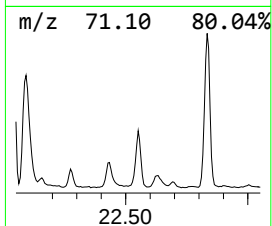
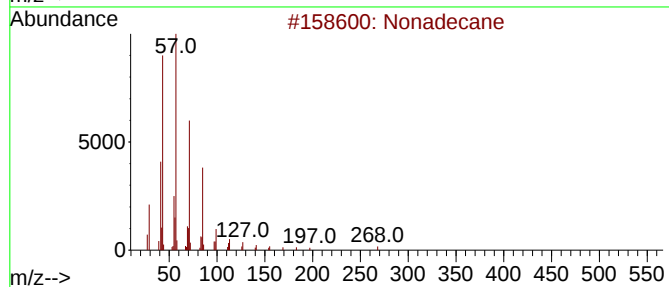
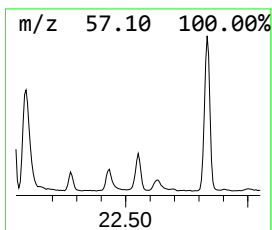
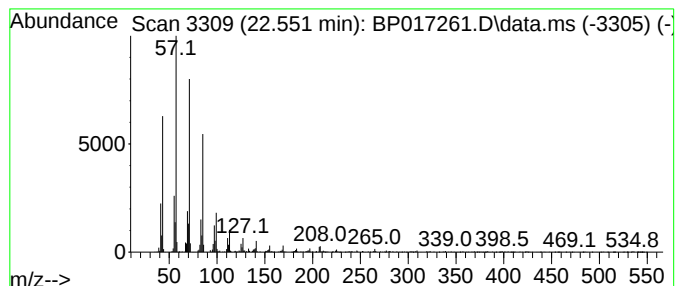
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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 22.551    | 6.00 ng/ul            | 918151 | Chrysene-d12     |         | 21.474      |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Nonadecane            |        | 268              | C19H40  | 000629-92-5 | 95   |
| 2         | Docosane, 11-butyl-   |        | 366              | C26H54  | 013475-76-8 | 94   |
| 3         | Pentadecane, 8-hexyl- |        | 296              | C21H44  | 013475-75-7 | 91   |
| 4         | Eicosane, 10-methyl-  |        | 296              | C21H44  | 054833-23-7 | 91   |
| 5         | Heneicosane           |        | 296              | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

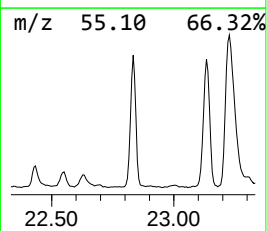
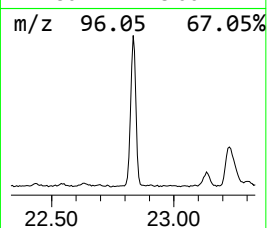
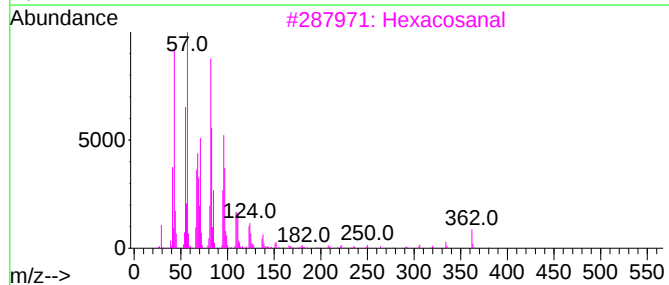
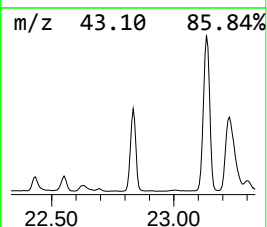
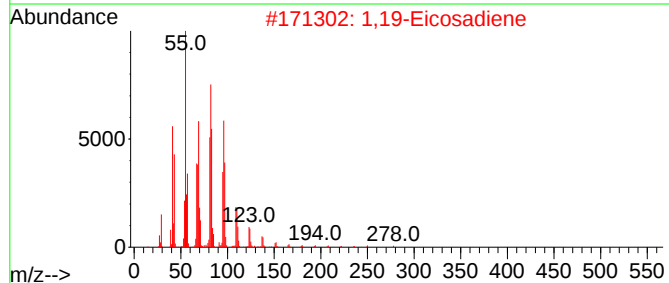
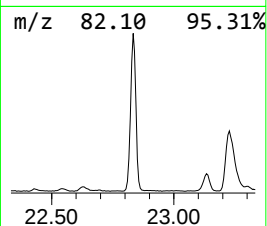
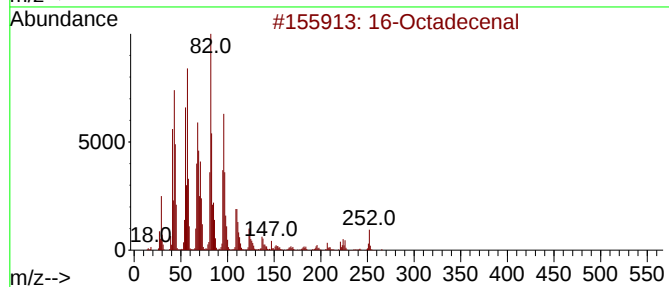
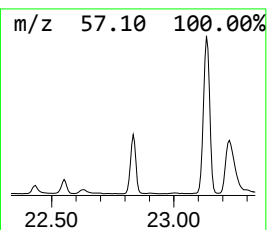
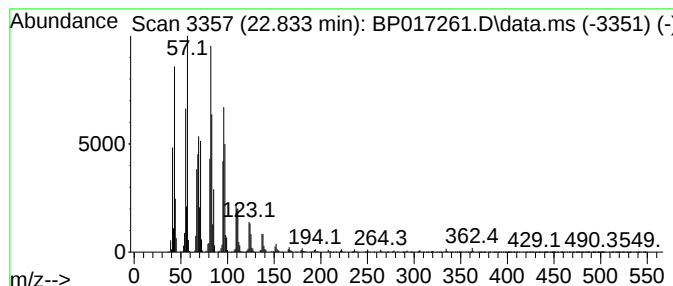
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BNA\_P  
ClientSampleId :  
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 19 16-Octadecenal Concentration Rank 7

| R.T.      | EstConc              | Area    | Relative to ISTD | R.T.        |      |
|-----------|----------------------|---------|------------------|-------------|------|
| 22.833    | 45.68 ng/ul          | 7708020 | Perylene-d12     | 24.004      |      |
| Hit# of 5 | Tentative ID         | MW      | MolForm          | CAS#        | Qual |
| 1         | 16-Octadecenal       | 266     | C18H34O          | 056554-87-1 | 95   |
| 2         | 1,19-Eicosadiene     | 278     | C20H38           | 014811-95-1 | 95   |
| 3         | Hexacosanal          | 380     | C26H52O          | 026627-85-0 | 94   |
| 4         | Oxirane, heptadecyl- | 282     | C19H38O          | 067860-04-2 | 94   |
| 5         | Eicosanal-           | 296     | C20H40O          | 002400-66-0 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

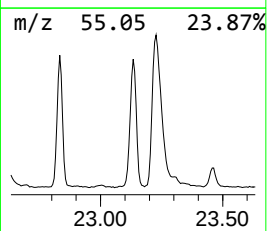
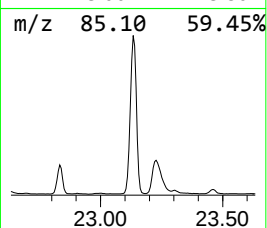
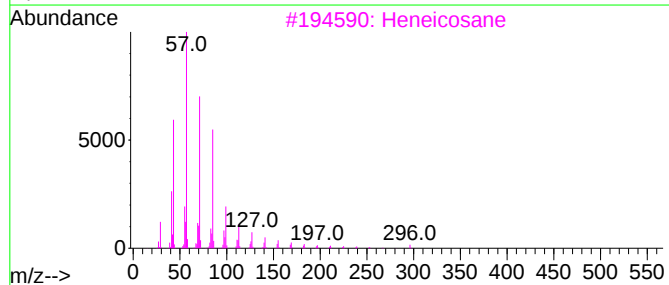
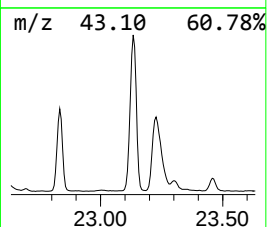
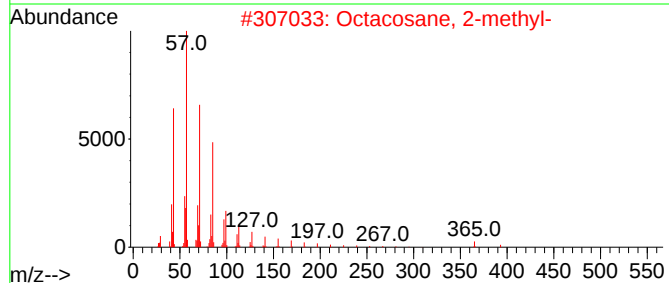
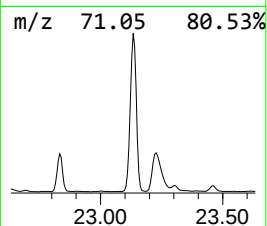
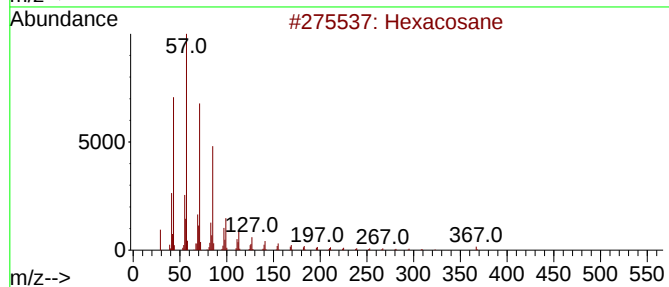
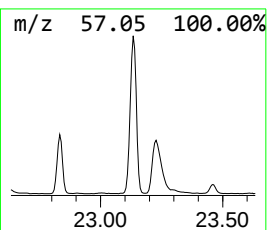
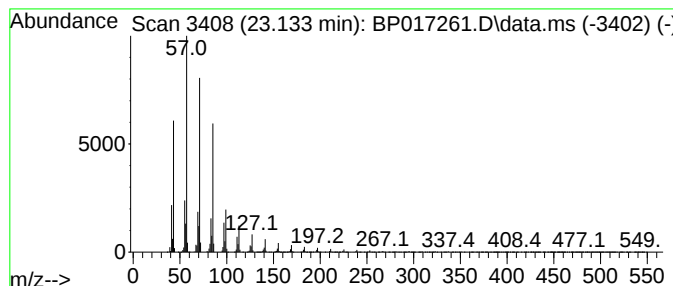
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Quant Title : SVOA CALIBRATION

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

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Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 23.133 | 65.79 ng/ul | 11100800 | Perylene-d12     | 24.004 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Hexacosane            | 366 | C26H54  | 000630-01-3 | 94   |
| 2    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 3    |      | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 4    |      | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 91   |
| 5    |      | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

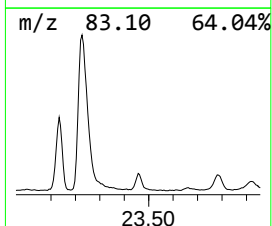
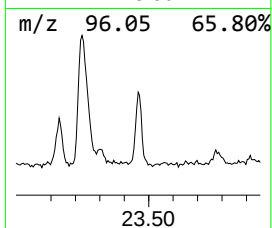
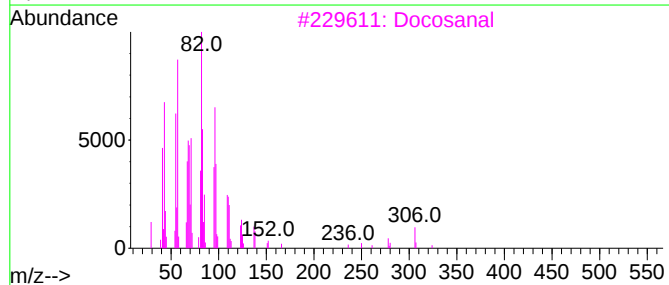
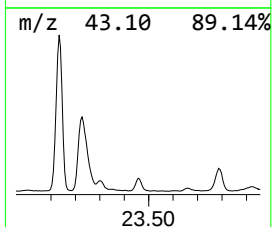
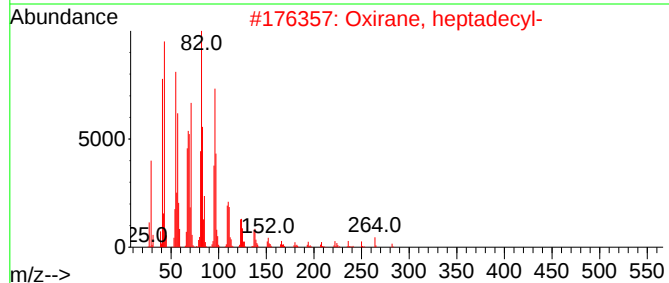
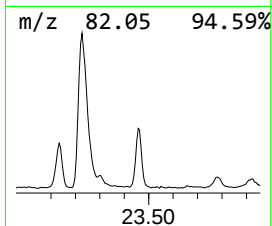
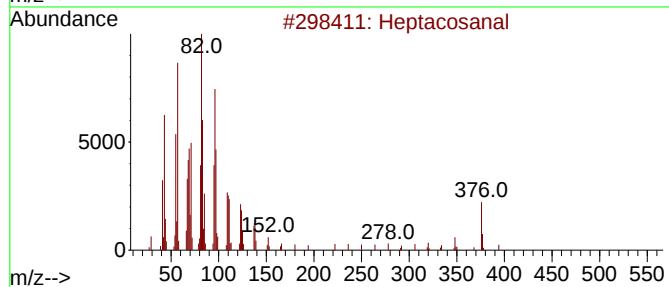
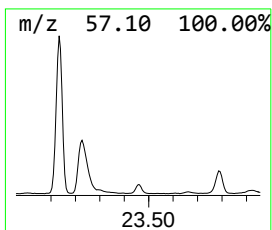
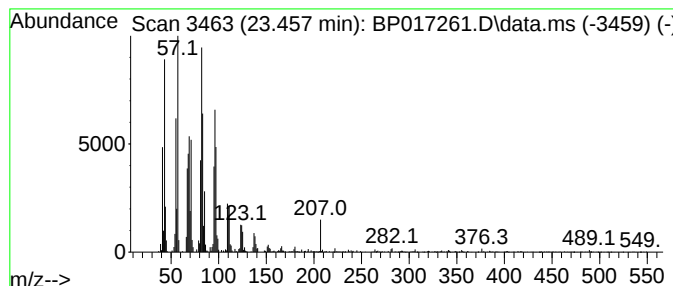
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TIC Integration Parameters: LSCINT.P

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Peak Number 21 Heptacosanal Concentration Rank 20

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 23.457 | 8.26 ng/ul | 1394410 | Perylene-d12     | 24.004 |

| Hit# | of 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------|-----|---------|-------------|------|
| 1    |      | Heptacosanal         | 394 | C27H54O | 072934-03-3 | 96   |
| 2    |      | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 96   |
| 3    |      | Docosanal            | 324 | C22H44O | 057402-36-5 | 94   |
| 4    |      | Nonacosanal          | 422 | C29H58O | 072934-04-4 | 94   |
| 5    |      | Hexacosanal          | 380 | C26H52O | 026627-85-0 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

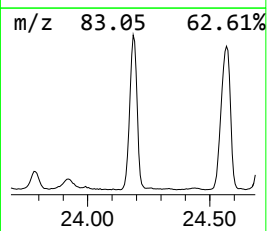
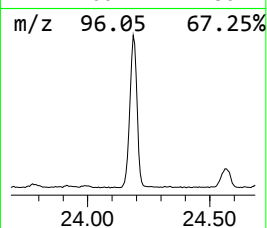
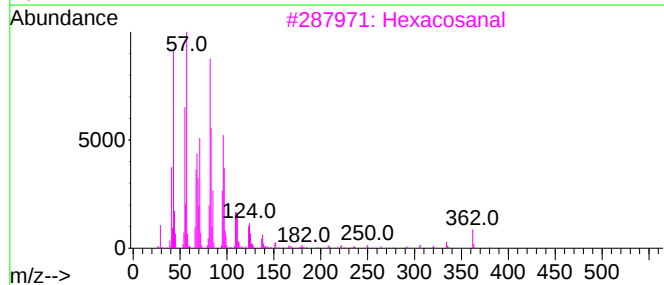
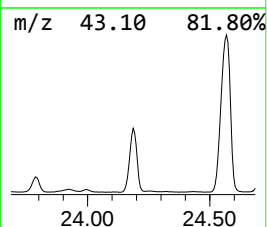
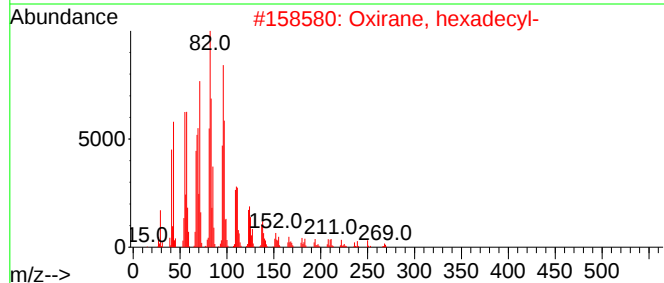
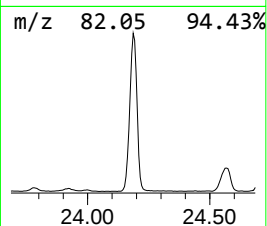
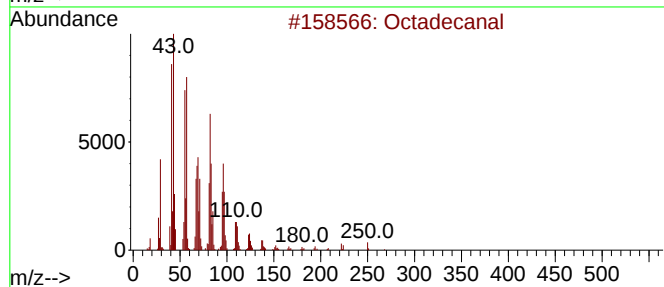
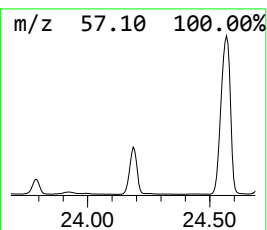
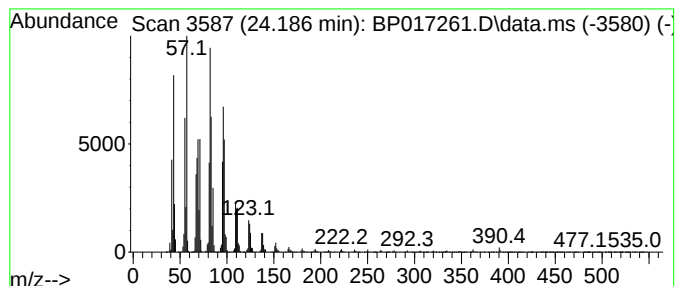
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BNA\_P  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

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Peak Number 22 Octadecanal Concentration Rank 4

| R.T.      | EstConc             | Area     | Relative to ISTD | R.T.        |      |
|-----------|---------------------|----------|------------------|-------------|------|
| 24.186    | 71.37 ng/ul         | 12042400 | Perylene-d12     | 24.004      |      |
| Hit# of 5 | Tentative ID        | MW       | MolForm          | CAS#        | Qual |
| 1         | Octadecanal         | 268      | C18H36O          | 000638-66-4 | 96   |
| 2         | Oxirane, hexadecyl- | 268      | C18H36O          | 007390-81-0 | 94   |
| 3         | Hexacosanal         | 380      | C26H52O          | 026627-85-0 | 94   |
| 4         | Oxirane, hexadecyl- | 268      | C18H36O          | 007390-81-0 | 91   |
| 5         | Octadecanal         | 268      | C18H36O          | 000638-66-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

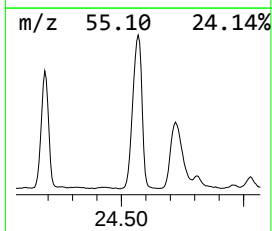
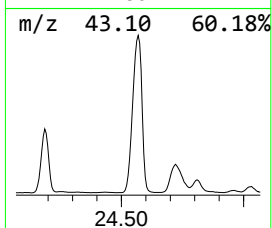
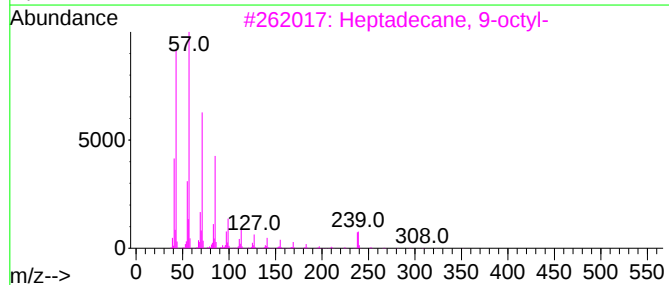
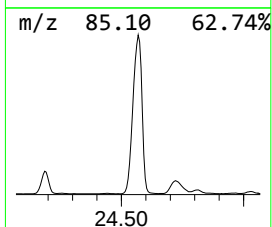
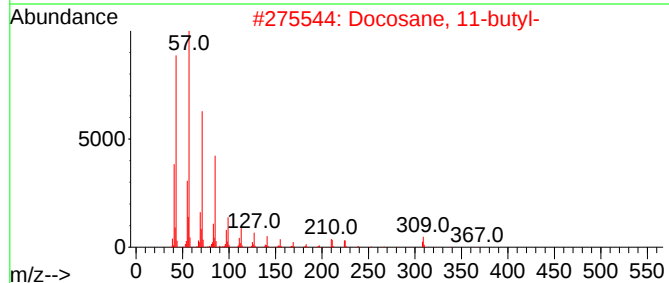
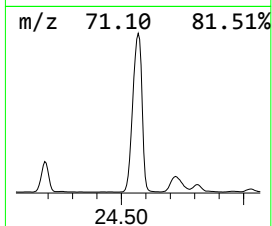
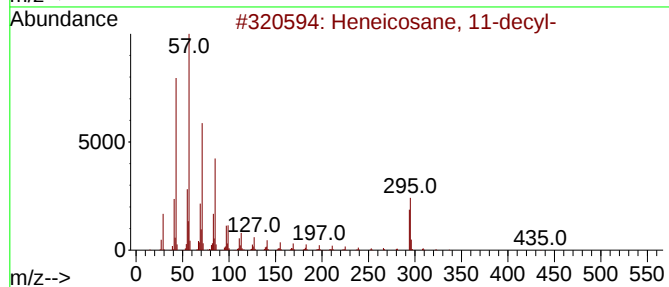
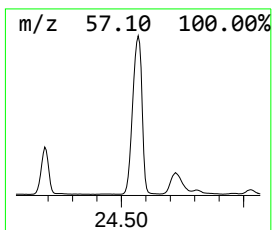
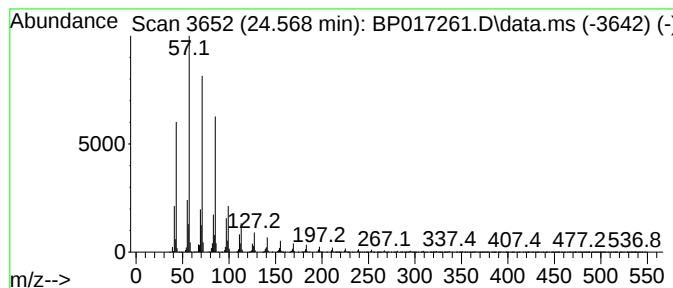
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TIC Integration Parameters: LSCINT.P

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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 24.568 | 156.10 ng/ul | 26338000 | Perylene-d12     | 24.004 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4  | 95   |
| 2    |      | Docosane, 11-butyl-    | 366 | C26H54  | 013475-76-8  | 93   |
| 3    |      | Heptadecane, 9-octyl-  | 352 | C25H52  | 007225-64-1  | 93   |
| 4    |      | Docosane, 7-hexyl-     | 394 | C28H58  | 055373-86-9  | 93   |
| 5    |      | Tetracosane, 1-iodo-   | 464 | C24H49I | 1000406-32-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

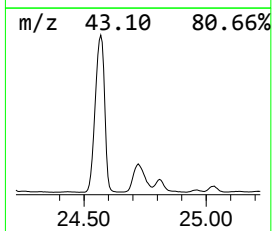
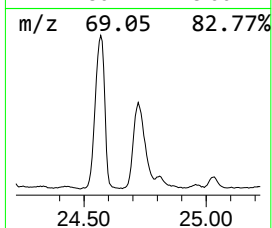
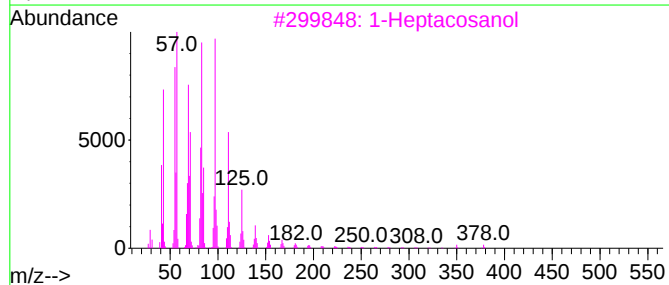
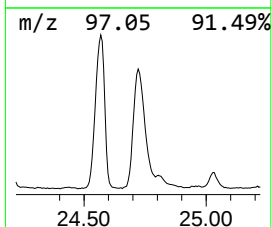
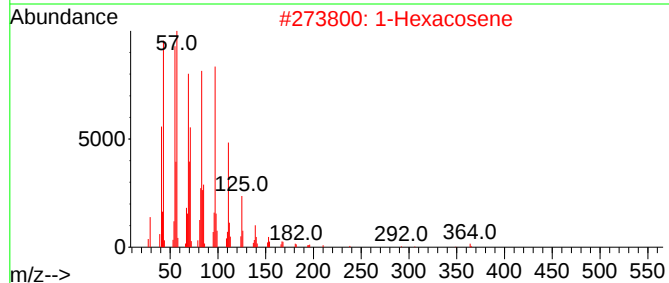
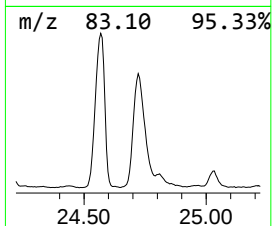
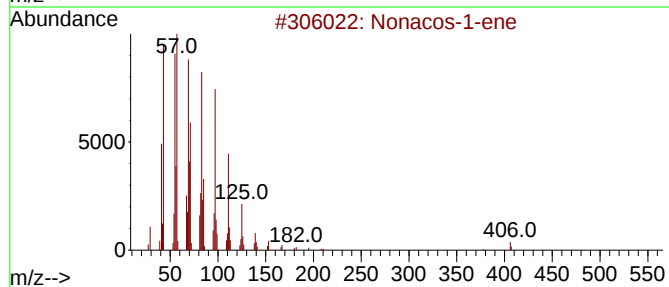
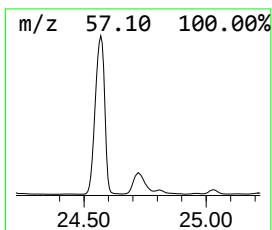
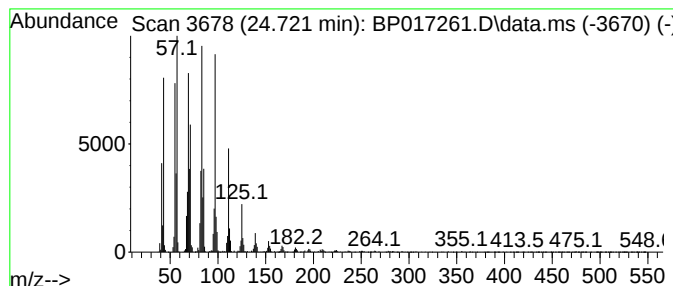
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Quant Title : SVOA CALIBRATION

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

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Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.721 | 49.51 ng/ul | 8353400 | Perylene-d12     | 24.004 |

| Hit# | of 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|------|------------------|-----|---------|-------------|------|
| 1    |      | Nonacos-1-ene    | 406 | C29H58  | 018835-35-3 | 94   |
| 2    |      | 1-Hexacosene     | 364 | C26H52  | 018835-33-1 | 94   |
| 3    |      | 1-Heptacosanol   | 396 | C27H56O | 002004-39-9 | 94   |
| 4    |      | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94   |
| 5    |      | 5-Eicosene, (E)- | 280 | C20H40  | 074685-30-6 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

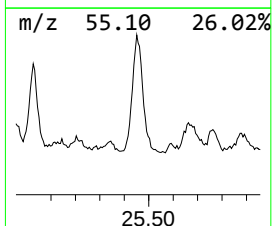
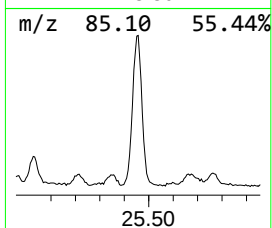
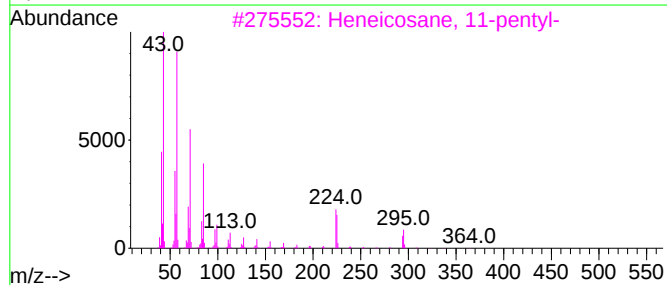
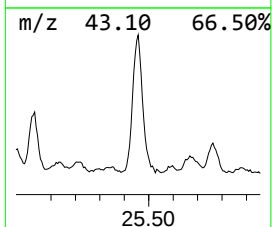
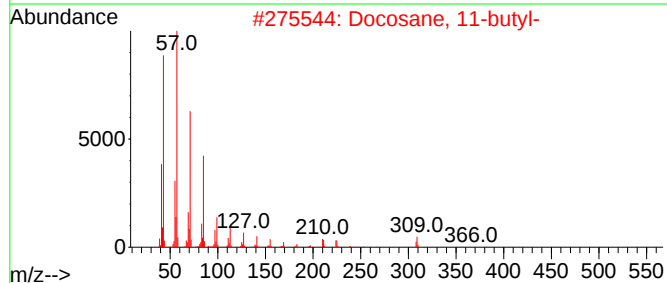
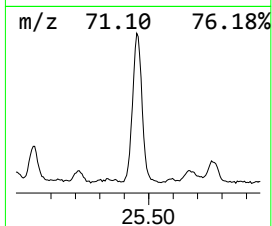
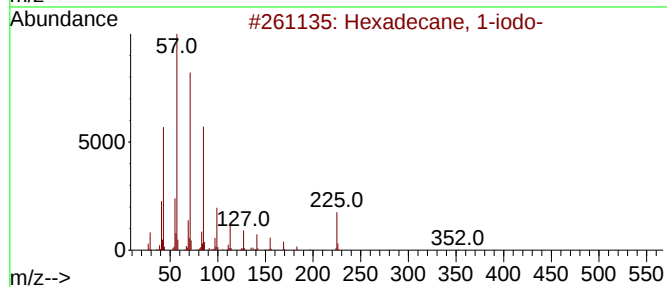
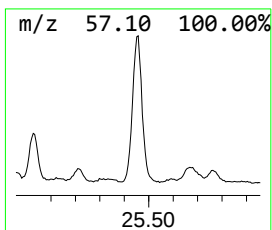
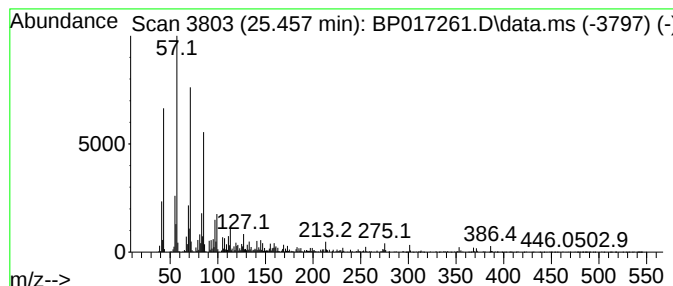
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Quant Title : SVOA CALIBRATION

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

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Peak Number 25 Hexadecane, 1-iodo- Concentration Rank 12

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 25.457 | 19.55 ng/ul | 3298980 | Perylene-d12     | 24.004 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane, 1-iodo-     | 352 | C16H33I | 000544-77-4 | 96   |
| 2    |    |   | Docosane, 11-butyl-     | 366 | C26H54  | 013475-76-8 | 93   |
| 3    |    |   | Heneicosane, 11-pentyl- | 366 | C26H54  | 014739-72-1 | 93   |
| 4    |    |   | Nonacosane, 2-methyl-   | 422 | C30H62  | 001560-75-4 | 93   |
| 5    |    |   | 2-Methylhentriacontane  | 451 | C32H66  | 001720-12-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

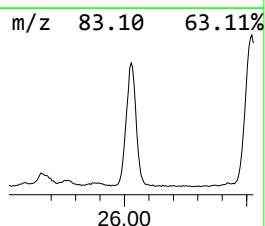
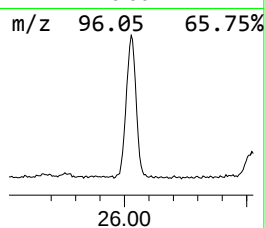
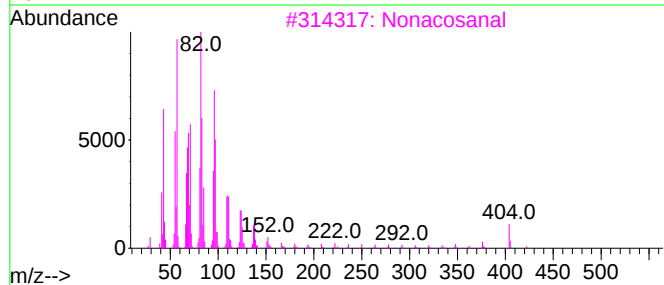
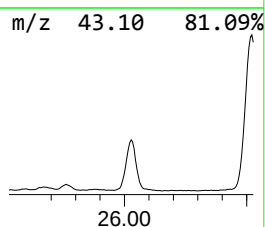
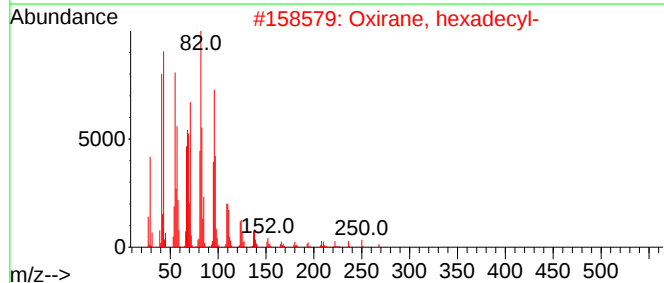
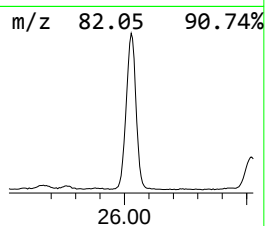
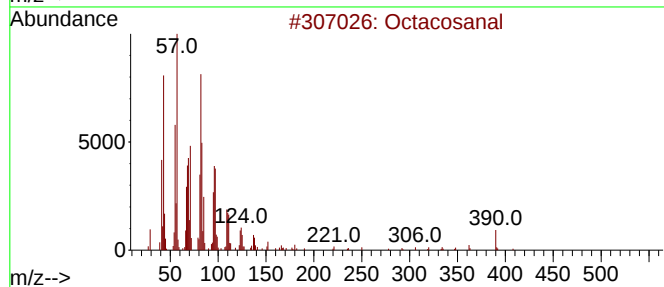
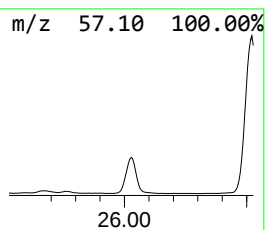
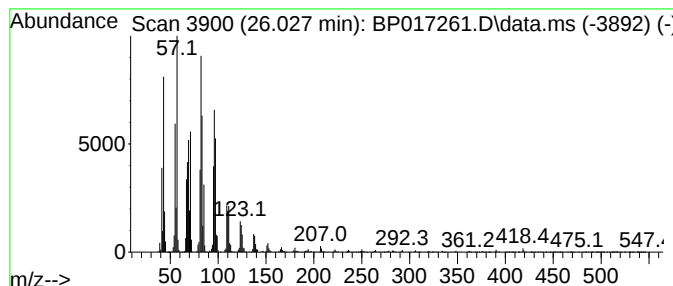
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Quant Title : SVOA CALIBRATION

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

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Peak Number 26 Octacosanal Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 26.027 | 43.33 ng/ul | 7311040 | Perylene-d12     | 24.004 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Octacosanal          | 408 | C28H56O | 022725-64-0 | 91   |
| 2    |    |   | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0 | 91   |
| 3    |    |   | Nonacosanal          | 422 | C29H58O | 072934-04-4 | 91   |
| 4    |    |   | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0 | 91   |
| 5    |    |   | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

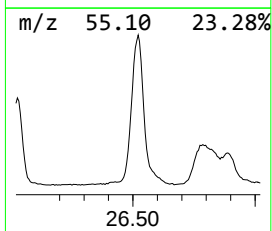
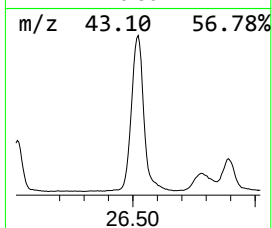
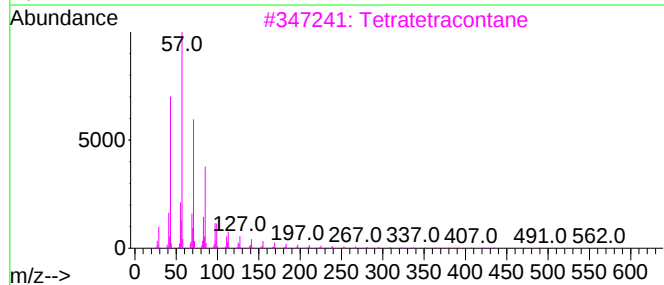
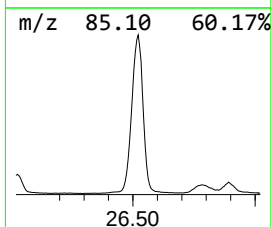
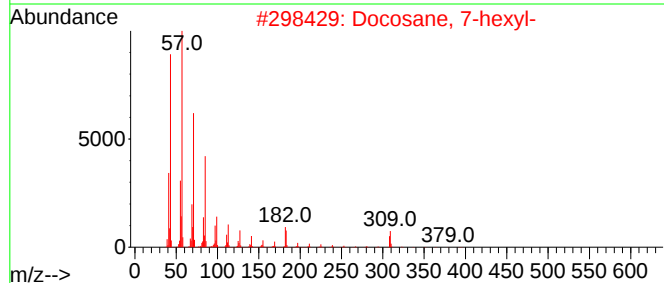
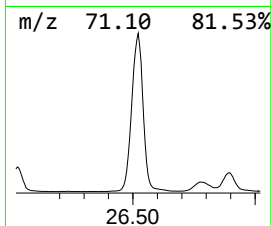
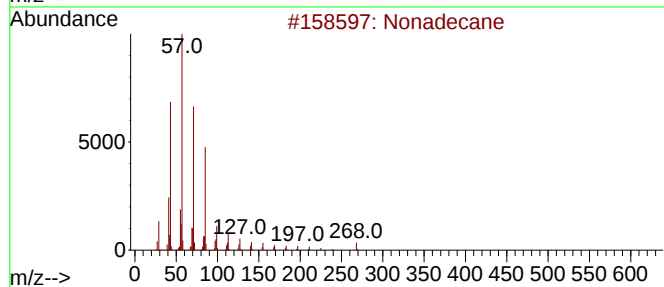
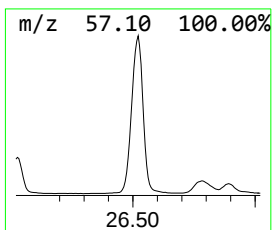
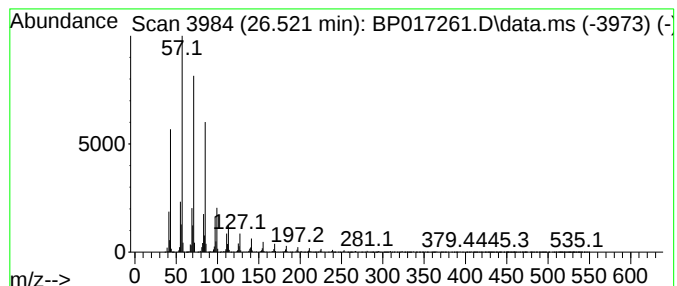
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 26.521 | 118.58 ng/ul | 20007400 | Perylene-d12     | 24.004 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane            | 268 | C19H40  | 000629-92-5 | 93   |
| 2    |    |   | Docosane, 7-hexyl-    | 394 | C28H58  | 055373-86-9 | 93   |
| 3    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |
| 4    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 5    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
Data File : BP017261.D  
Acq On : 21 Sep 2023 11:30  
Operator : MA/JU  
Sample : 04387-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
Quant Title : SVOA CALIBRATION

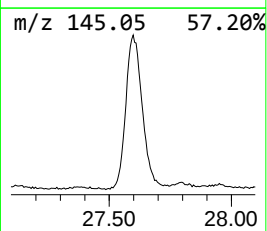
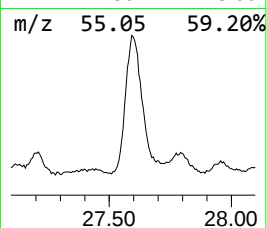
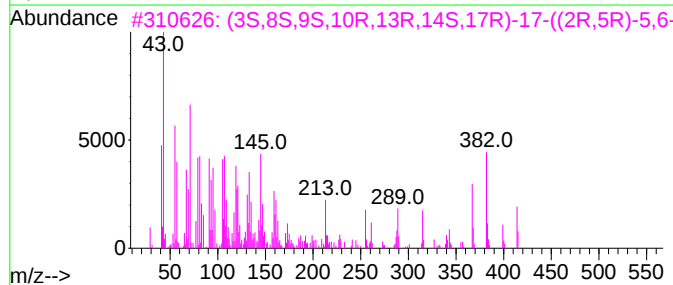
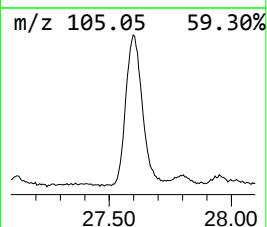
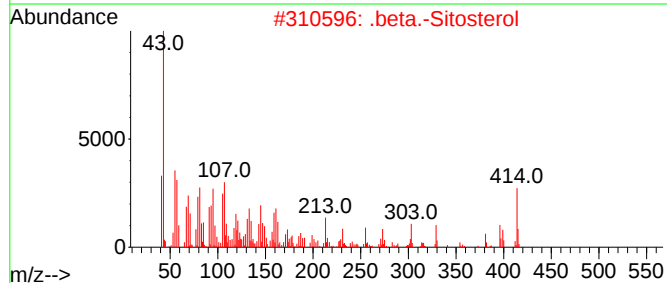
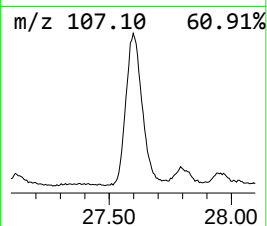
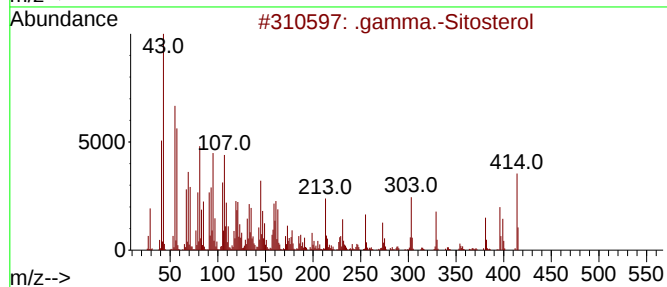
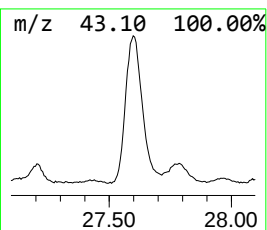
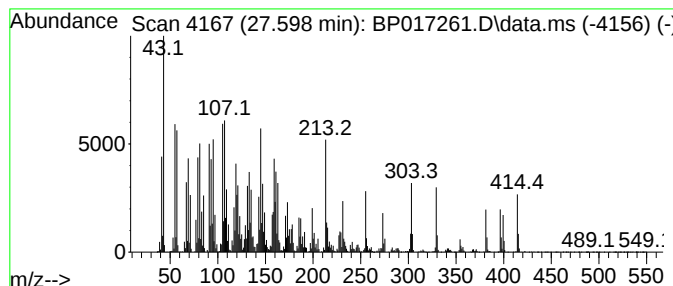
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 28 .gamma.-Sitosterol Concentration Rank 3

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 27.598 | 93.82 ng/ul | 15830200 | Perylene-d12     | 24.004 |

| 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 | 97   |
| 3    |      | (3S,8S,9S,10R,13R,14S,17R)-17-((...) | 414 | C29H50O | 029365-29-5 | 90   |
| 4    |      | Campesterol                          | 400 | C28H48O | 000474-62-4 | 53   |
| 5    |      | .gamma.-Sitosterol                   | 414 | C29H50O | 000083-47-6 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092123\  
 Data File : BP017261.D  
 Acq On : 21 Sep 2023 11:30  
 Operator : MA/JU  
 Sample : 04387-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzoic acid       | 10.034 | 10.6    | ng/ul | 903336   | 2                     | 10.763 | 1704380 | 20.0 |
| Benzeneacetone...  | 12.516 | 22.8    | ng/ul | 1938690  | 2                     | 10.763 | 1704380 | 20.0 |
| 2,4,7,9-Tetrame... | 13.445 | 3.9     | ng/ul | 444459   | 3                     | 14.598 | 2263990 | 20.0 |
| n-Hexadecanoic ... | 18.216 | 16.9    | ng/ul | 2384400  | 4                     | 17.375 | 2816640 | 20.0 |
| Linoleic acid      | 19.316 | 2.9     | ng/ul | 404375   | 4                     | 17.375 | 2816640 | 20.0 |
| Octadecanoic acid  | 19.451 | 4.5     | ng/ul | 689915   | 5                     | 21.474 | 3058800 | 20.0 |
| cis-10-Nonadec...  | 19.957 | 2.4     | ng/ul | 364993   | 5                     | 21.474 | 3058800 | 20.0 |
| Octadecane, 1-c... | 20.174 | 10.4    | ng/ul | 1592550  | 5                     | 21.474 | 3058800 | 20.0 |
| (DEL) Alkane: S... | 20.663 | 3.8     | ng/ul | 576971   | 5                     | 21.474 | 3058800 | 20.0 |
| Docosanal          | 20.851 | 2.1     | ng/ul | 329509   | 5                     | 21.474 | 3058800 | 20.0 |
| (DEL) Alkane: S... | 21.122 | 13.9    | ng/ul | 2132950  | 5                     | 21.474 | 3058800 | 20.0 |
| 1-Heneicosanol     | 21.145 | 22.5    | ng/ul | 3446260  | 5                     | 21.474 | 3058800 | 20.0 |
| 1,19-Eicosadiene   | 21.774 | 11.7    | ng/ul | 1793250  | 5                     | 21.474 | 3058800 | 20.0 |
| (DEL) Alkane: S... | 22.039 | 18.0    | ng/ul | 2746640  | 5                     | 21.474 | 3058800 | 20.0 |
| (DEL) Alkane: S... | 22.092 | 41.9    | ng/ul | 6412930  | 5                     | 21.474 | 3058800 | 20.0 |
| Oxirane, hexade... | 22.274 | 4.8     | ng/ul | 731509   | 5                     | 21.474 | 3058800 | 20.0 |
| Tetracosanoic acid | 22.433 | 8.8     | ng/ul | 1341600  | 5                     | 21.474 | 3058800 | 20.0 |
| (DEL) Alkane: S... | 22.551 | 6.0     | ng/ul | 918151   | 5                     | 21.474 | 3058800 | 20.0 |
| 16-Octadecenal     | 22.833 | 45.7    | ng/ul | 7708020  | 6                     | 24.004 | 3374510 | 20.0 |
| (DEL) Alkane: S... | 23.133 | 65.8    | ng/ul | 11100800 | 6                     | 24.004 | 3374510 | 20.0 |
| Heptacosanal       | 23.457 | 8.3     | ng/ul | 1394410  | 6                     | 24.004 | 3374510 | 20.0 |
| Octadecanal        | 24.186 | 71.4    | ng/ul | 12042400 | 6                     | 24.004 | 3374510 | 20.0 |
| (DEL) Alkane: S... | 24.568 | 156.1   | ng/ul | 26338000 | 6                     | 24.004 | 3374510 | 20.0 |
| (DEL) Alkane: S... | 24.721 | 49.5    | ng/ul | 8353400  | 6                     | 24.004 | 3374510 | 20.0 |
| Hexadecane, 1-i... | 25.457 | 19.6    | ng/ul | 3298980  | 6                     | 24.004 | 3374510 | 20.0 |
| Octacosanal        | 26.027 | 43.3    | ng/ul | 7311040  | 6                     | 24.004 | 3374510 | 20.0 |
| (DEL) Alkane: S... | 26.521 | 118.6   | ng/ul | 20007400 | 6                     | 24.004 | 3374510 | 20.0 |
| .gamma.-Sitosterol | 27.598 | 93.8    | ng/ul | 15830200 | 6                     | 24.004 | 3374510 | 20.0 |