

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092724\  
 Data File : BP022099.D  
 Acq On : 28 Sep 2024 11:01  
 Operator : RC/JU  
 Sample : P3910-20  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DDC66

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-BP092424.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP022099.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         | 3.217       | 35            | 39          | 46           | rVB      | 25649          | 31961         | 0.69%           | 0.077%        |
| 2         | 3.634       | 105           | 110         | 123          | rBV      | 253293         | 401258        | 8.63%           | 0.966%        |
| 3         | 3.958       | 160           | 165         | 168          | rVB3     | 6572           | 9110          | 0.20%           | 0.022%        |
| 4         | 4.864       | 315           | 319         | 327          | rVB8     | 3121           | 6186          | 0.13%           | 0.015%        |
| 5         | 6.881       | 656           | 662         | 673          | rBV      | 473462         | 782259        | 16.83%          | 1.883%        |
| 6         | 7.040       | 682           | 689         | 698          | rVB      | 358487         | 528065        | 11.36%          | 1.271%        |
| 7         | 7.146       | 702           | 707         | 714          | rVB10    | 2784           | 5706          | 0.12%           | 0.014%        |
| 8         | 7.240       | 714           | 723         | 734          | rBV      | 496902         | 746509        | 16.06%          | 1.797%        |
| 9         | 7.699       | 793           | 801         | 808          | rBV      | 432429         | 706911        | 15.21%          | 1.702%        |
| 10        | 7.763       | 808           | 812         | 819          | rVB2     | 14238          | 22601         | 0.49%           | 0.054%        |
| 11        | 7.928       | 833           | 840         | 846          | rBV5     | 7067           | 17069         | 0.37%           | 0.041%        |
| 12        | 8.122       | 866           | 873         | 879          | rBV2     | 12299          | 21234         | 0.46%           | 0.051%        |
| 13        | 8.393       | 912           | 919         | 932          | rBV      | 599412         | 994009        | 21.39%          | 2.393%        |
| 14        | 8.834       | 983           | 994         | 1003         | rBV      | 436112         | 753236        | 16.21%          | 1.813%        |
| 15        | 9.005       | 1018          | 1023        | 1032         | rVB      | 3128           | 7188          | 0.15%           | 0.017%        |
| 16        | 9.263       | 1061          | 1067        | 1074         | rBV3     | 11382          | 19821         | 0.43%           | 0.048%        |
| 17        | 9.399       | 1081          | 1090        | 1100         | rBV      | 64519          | 106330        | 2.29%           | 0.256%        |
| 18        | 9.552       | 1108          | 1116        | 1129         | rBV      | 408214         | 691196        | 14.87%          | 1.664%        |
| 19        | 9.975       | 1182          | 1188        | 1196         | rBV      | 2419           | 7254          | 0.16%           | 0.017%        |
| 20        | 10.087      | 1198          | 1207        | 1223         | rBV      | 671791         | 1111733       | 23.92%          | 2.676%        |
| 21        | 10.340      | 1247          | 1250        | 1257         | rBV8     | 2617           | 5435          | 0.12%           | 0.013%        |
| 22        | 10.457      | 1261          | 1270        | 1278         | rBV      | 597875         | 982480        | 21.14%          | 2.365%        |
| 23        | 10.593      | 1285          | 1293        | 1307         | rBV      | 570113         | 1024706       | 22.05%          | 2.467%        |
| 24        | 10.993      | 1351          | 1361        | 1369         | rBV3     | 22298          | 44136         | 0.95%           | 0.106%        |
| 25        | 11.734      | 1479          | 1487        | 1489         | rBV9     | 2741           | 5820          | 0.13%           | 0.014%        |
| 26        | 11.881      | 1502          | 1512        | 1515         | rBV10    | 5025           | 9785          | 0.21%           | 0.024%        |
| 27        | 12.040      | 1536          | 1539        | 1545         | rVB      | 10678          | 16637         | 0.36%           | 0.040%        |
| 28        | 13.022      | 1702          | 1706        | 1713         | rBV4     | 9456           | 19475         | 0.42%           | 0.047%        |
| 29        | 13.134      | 1718          | 1725        | 1732         | rVB3     | 13814          | 24669         | 0.53%           | 0.059%        |
| 30        | 13.204      | 1732          | 1737        | 1740         | rBV7     | 2614           | 4658          | 0.10%           | 0.011%        |
| 31        | 13.346      | 1756          | 1761        | 1765         | rBV7     | 3366           | 6248          | 0.13%           | 0.015%        |
| 32        | 13.716      | 1817          | 1824        | 1837         | rBV      | 1353542        | 1955825       | 42.09%          | 4.708%        |
| 33        | 13.998      | 1860          | 1872        | 1883         | rBV      | 1284236        | 2126138       | 45.75%          | 5.118%        |
| 34        | 14.216      | 1902          | 1909        | 1912         | rVB      | 12705          | 15663         | 0.34%           | 0.038%        |
| 35        | 14.304      | 1917          | 1924        | 1935         | rVB      | 990382         | 1496716       | 32.21%          | 3.603%        |
| 36        | 14.522      | 1953          | 1961        | 1983         | rBV      | 479932         | 806548        | 17.36%          | 1.941%        |

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 Sample : P3910-20  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DDC66

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-BP092424.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 14.669 | 1983 | 1986 | 1992 | rVB8 | 4041    | 7224    | 0.16%   | 0.017%  |
| 38 | 14.728 | 1992 | 1996 | 1997 | rBV4 | 4848    | 5346    | 0.12%   | 0.013%  |
| 39 | 14.916 | 2023 | 2028 | 2029 | rBV5 | 3624    | 5930    | 0.13%   | 0.014%  |
| 40 | 14.945 | 2029 | 2033 | 2042 | rVB  | 38648   | 60862   | 1.31%   | 0.147%  |
| 41 | 15.128 | 2060 | 2064 | 2065 | rBV4 | 4766    | 5171    | 0.11%   | 0.012%  |
| 42 | 15.187 | 2070 | 2074 | 2079 | rVB5 | 7049    | 8863    | 0.19%   | 0.021%  |
| 43 | 15.310 | 2089 | 2095 | 2105 | rBV  | 1923340 | 2857658 | 61.49%  | 6.879%  |
| 44 | 15.440 | 2110 | 2117 | 2135 | rBV  | 496452  | 812871  | 17.49%  | 1.957%  |
| 45 | 15.563 | 2135 | 2138 | 2149 | rVB5 | 11440   | 21559   | 0.46%   | 0.052%  |
| 46 | 15.687 | 2152 | 2159 | 2167 | rVV  | 1009108 | 1336449 | 28.76%  | 3.217%  |
| 47 | 15.904 | 2190 | 2196 | 2200 | rBV9 | 3570    | 7996    | 0.17%   | 0.019%  |
| 48 | 16.163 | 2236 | 2240 | 2245 | rVB6 | 5528    | 8939    | 0.19%   | 0.022%  |
| 49 | 16.269 | 2252 | 2258 | 2263 | rBV  | 38293   | 51355   | 1.11%   | 0.124%  |
| 50 | 16.510 | 2296 | 2299 | 2306 | rVB9 | 5539    | 8112    | 0.17%   | 0.020%  |
| 51 | 16.757 | 2334 | 2341 | 2351 | rBV  | 262237  | 435830  | 9.38%   | 1.049%  |
| 52 | 16.887 | 2359 | 2363 | 2368 | rBV6 | 5903    | 10507   | 0.23%   | 0.025%  |
| 53 | 17.110 | 2393 | 2401 | 2411 | rBV  | 1233668 | 1937621 | 41.70%  | 4.664%  |
| 54 | 17.216 | 2412 | 2419 | 2430 | rBV2 | 2218063 | 3305415 | 71.13%  | 7.957%  |
| 55 | 17.310 | 2431 | 2435 | 2438 | rVB6 | 9406    | 14517   | 0.31%   | 0.035%  |
| 56 | 17.645 | 2489 | 2492 | 2497 | rVB7 | 3871    | 5714    | 0.12%   | 0.014%  |
| 57 | 17.745 | 2504 | 2509 | 2514 | rVB  | 106346  | 138108  | 2.97%   | 0.332%  |
| 58 | 18.051 | 2555 | 2561 | 2572 | rBV  | 329216  | 486274  | 10.46%  | 1.171%  |
| 59 | 18.357 | 2608 | 2613 | 2616 | rBV2 | 22940   | 37838   | 0.81%   | 0.091%  |
| 60 | 18.751 | 2676 | 2680 | 2681 | rBV4 | 5886    | 7800    | 0.17%   | 0.019%  |
| 61 | 18.781 | 2682 | 2685 | 2691 | rVB8 | 8614    | 15675   | 0.34%   | 0.038%  |
| 62 | 18.922 | 2705 | 2709 | 2717 | rVB4 | 20230   | 39099   | 0.84%   | 0.094%  |
| 63 | 19.139 | 2742 | 2746 | 2750 | rBV2 | 33631   | 43017   | 0.93%   | 0.104%  |
| 64 | 19.204 | 2753 | 2757 | 2763 | rBV  | 33685   | 55690   | 1.20%   | 0.134%  |
| 65 | 19.257 | 2763 | 2766 | 2770 | rVV6 | 8851    | 14342   | 0.31%   | 0.035%  |
| 66 | 19.375 | 2782 | 2786 | 2792 | rBV  | 86205   | 129346  | 2.78%   | 0.311%  |
| 67 | 19.586 | 2816 | 2822 | 2831 | rBV  | 3216295 | 4197019 | 90.31%  | 10.103% |
| 68 | 21.216 | 3094 | 3099 | 3111 | rBV2 | 134407  | 244578  | 5.26%   | 0.589%  |
| 69 | 21.539 | 3148 | 3154 | 3162 | rVB2 | 1505993 | 2427334 | 52.23%  | 5.843%  |
| 70 | 24.604 | 3664 | 3675 | 3688 | rVB  | 1699388 | 4647123 | 100.00% | 11.186% |
| 71 | 24.827 | 3703 | 3713 | 3726 | rVB  | 955148  | 2637669 | 56.76%  | 6.349%  |

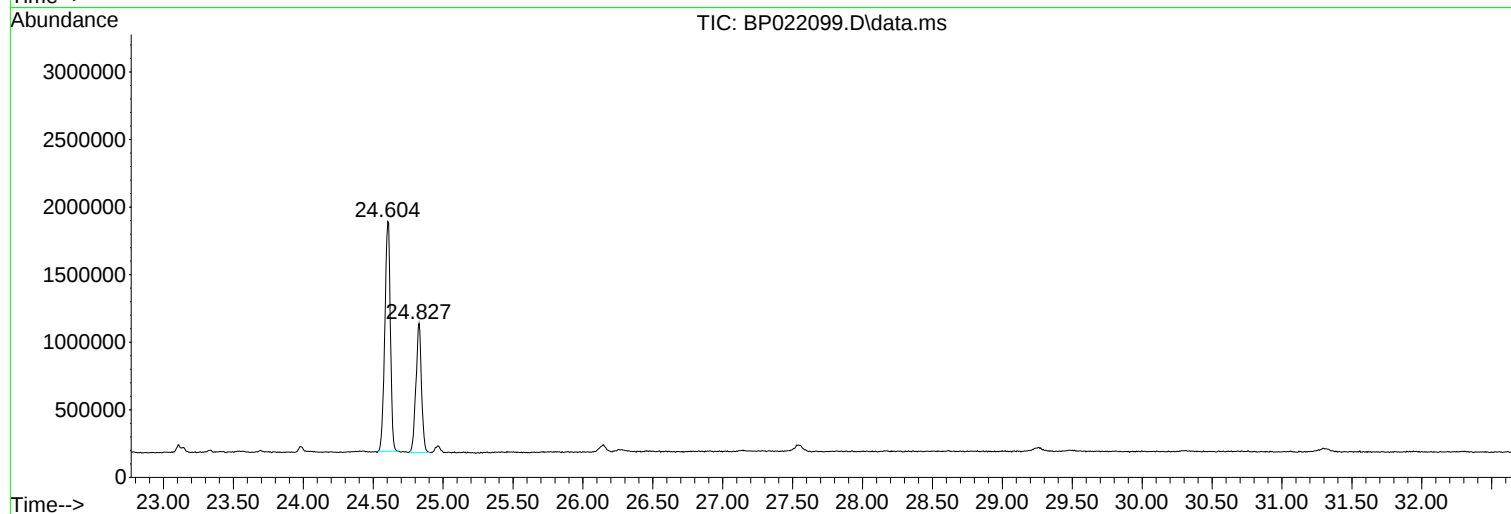
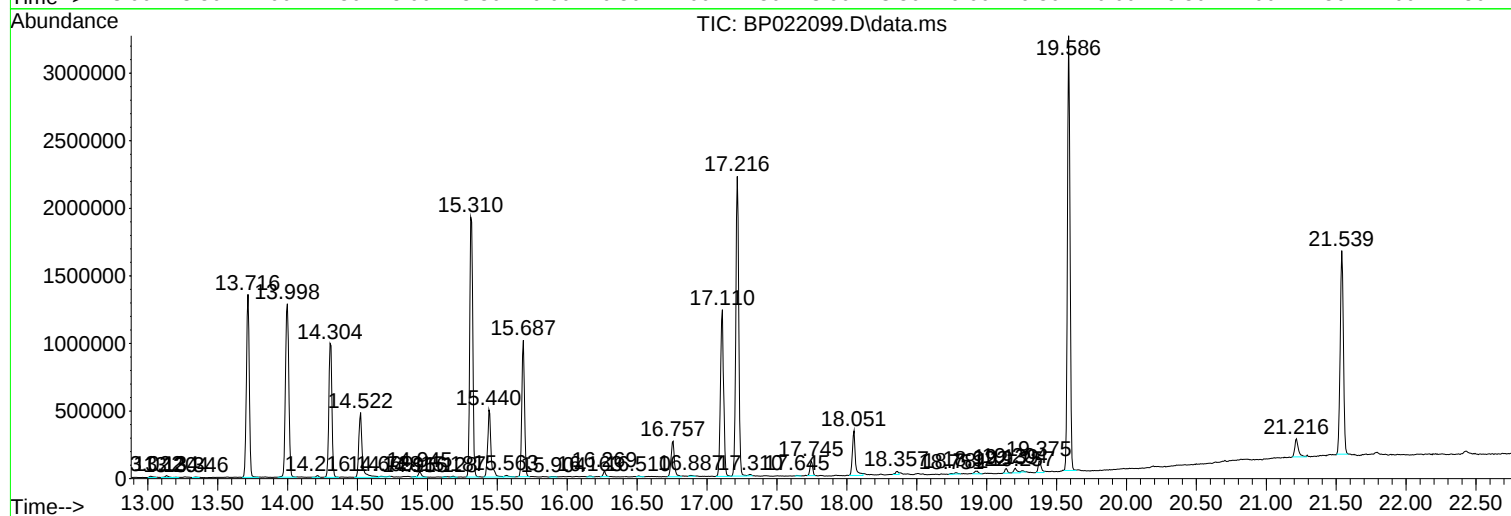
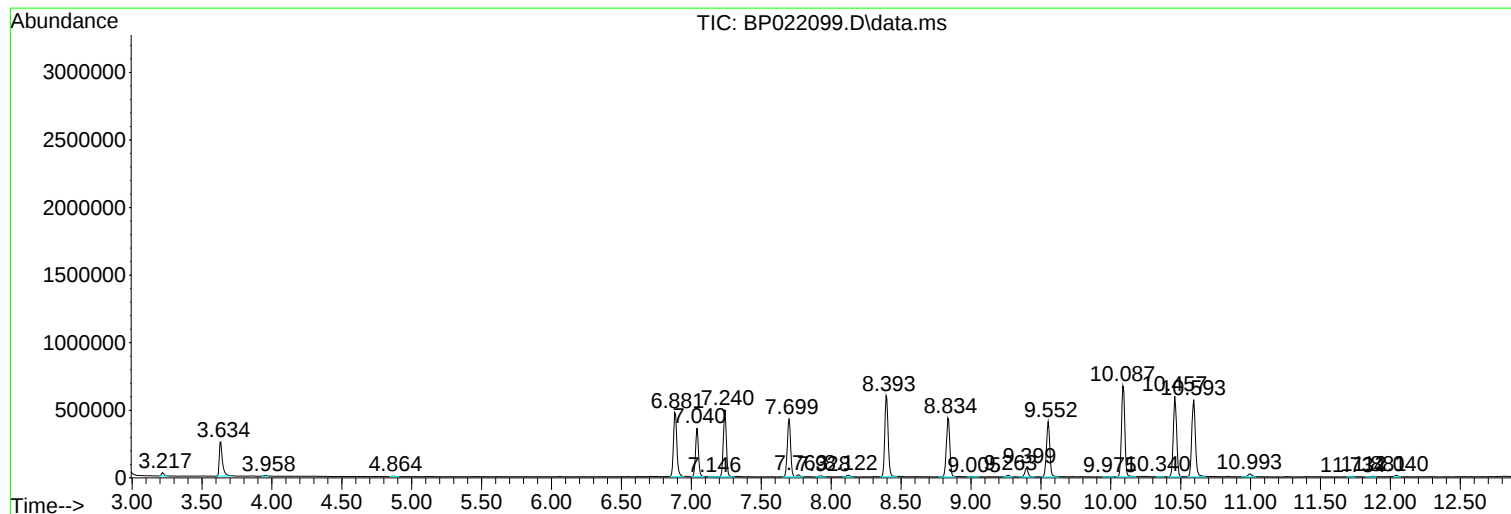
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Sample : P3910-20  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC66

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092724\  
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Operator : RC/JU  
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Instrument :  
BNA\_P  
ClientSampleId :  
DDC66

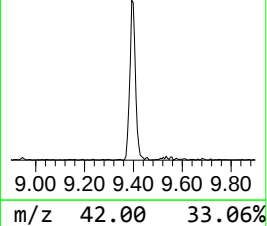
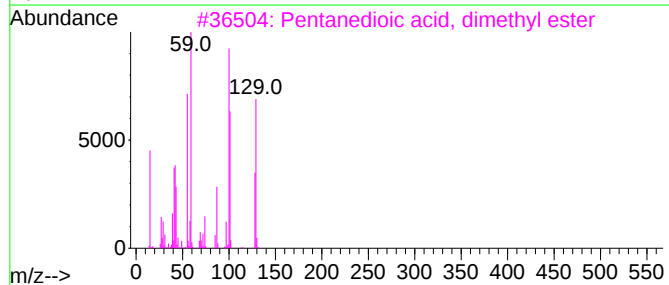
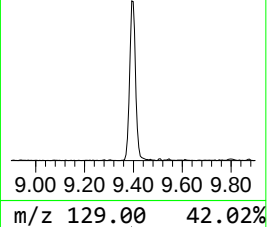
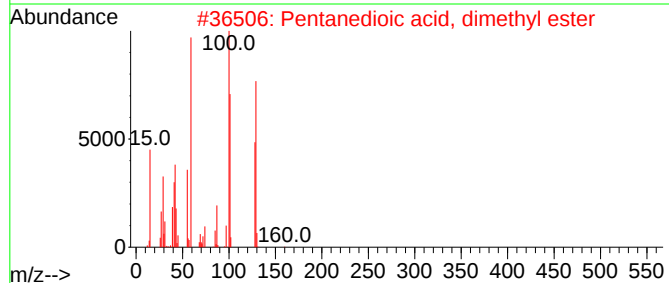
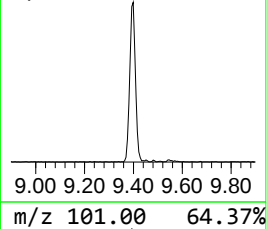
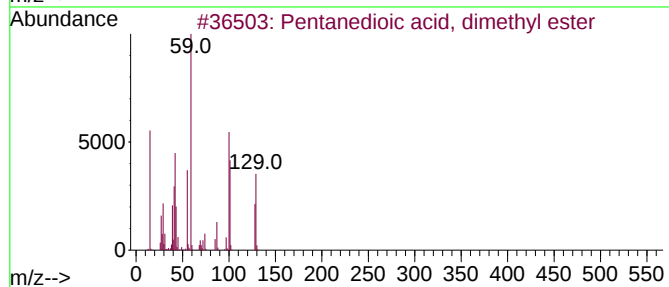
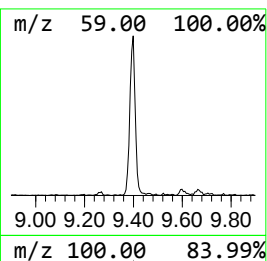
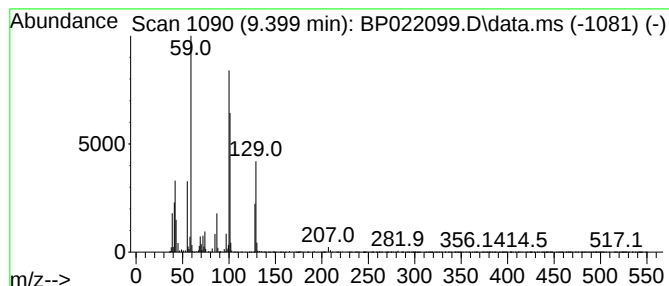
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Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Pentanedioic acid, dimethyl... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.399 | 2.16 ng/ul | 106330 | Naphthalene-d8   | 10.458 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentanedioic acid, dimethyl ester   | 160 | C7H12O4 | 001119-40-0 | 83   |
| 2    |    |   | Pentanedioic acid, dimethyl ester   | 160 | C7H12O4 | 001119-40-0 | 83   |
| 3    |    |   | Pentanedioic acid, dimethyl ester   | 160 | C7H12O4 | 001119-40-0 | 80   |
| 4    |    |   | Pentanedioic acid, dimethyl ester   | 160 | C7H12O4 | 001119-40-0 | 72   |
| 5    |    |   | Butanedioic acid, methyl-, dimet... | 160 | C7H12O4 | 001604-11-1 | 50   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC66

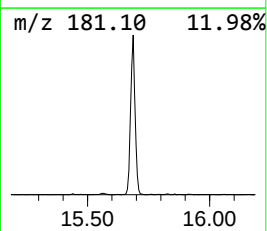
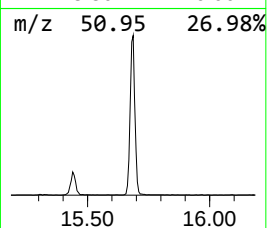
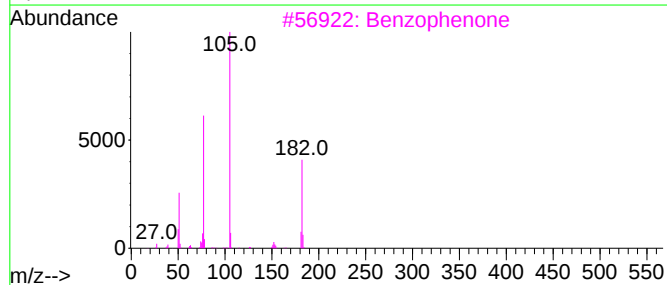
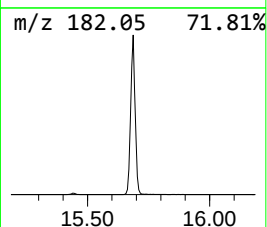
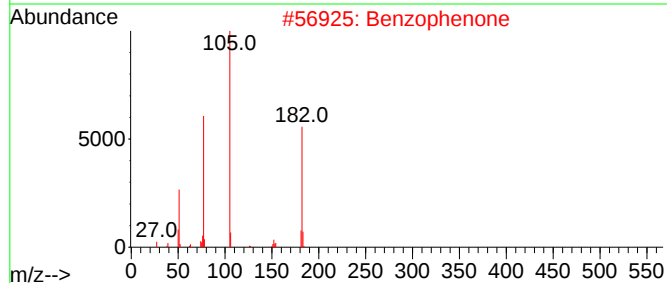
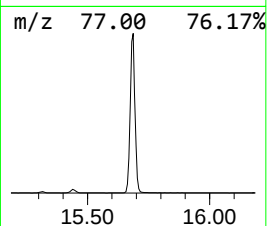
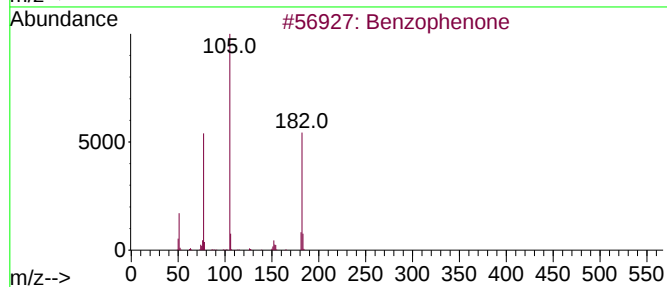
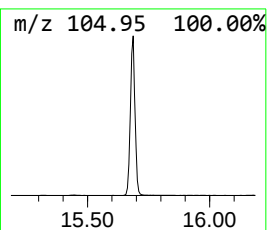
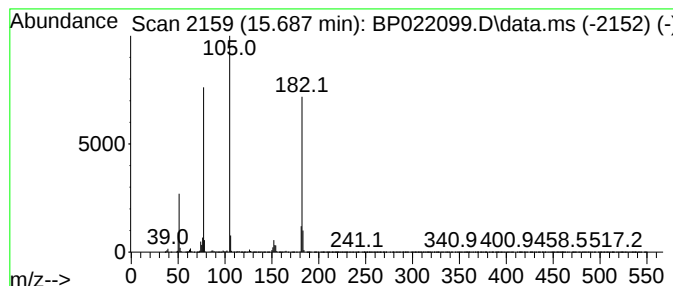
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.687 | 17.86 ng/ul | 1336450 | Acenaphthene-d10 | 14.304 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 94   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 93   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 87   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC66

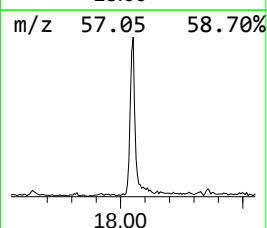
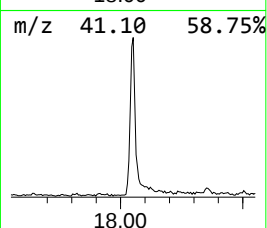
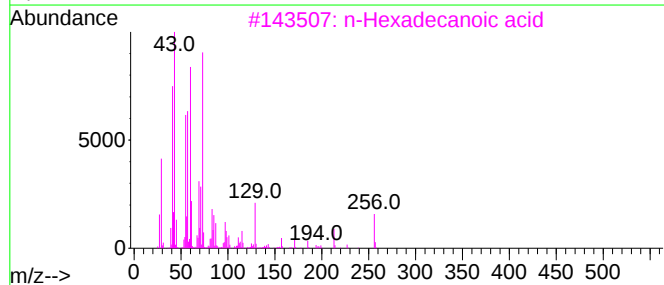
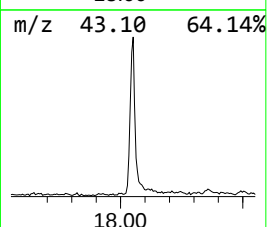
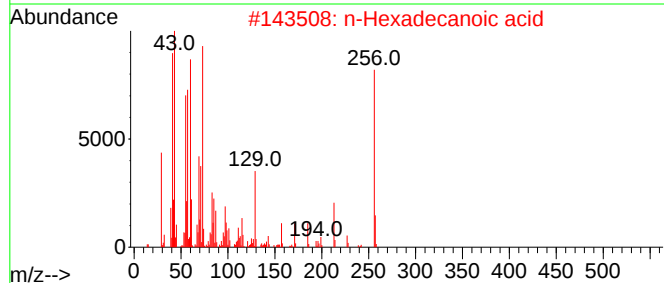
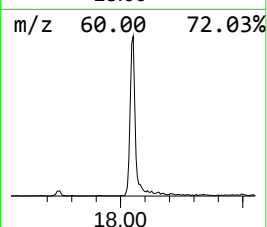
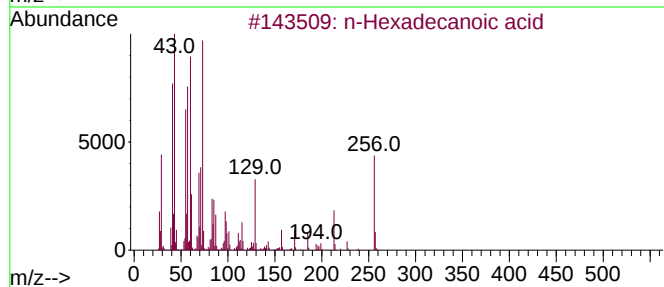
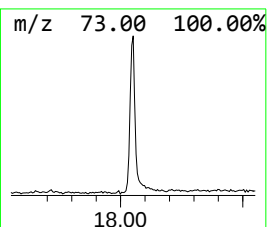
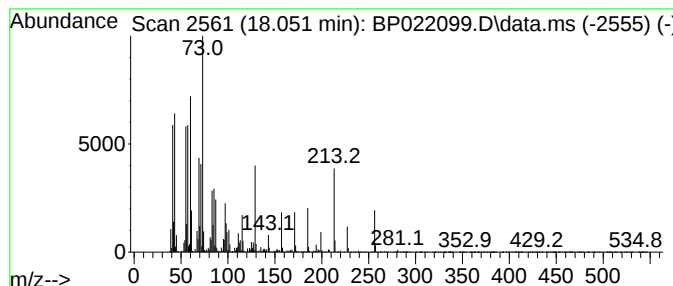
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.051 | 5.02 ng/ul | 486274 | Phenanthrene-d10 | 17.110 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |



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Acq On : 28 Sep 2024 11:01  
Operator : RC/JU  
Sample : P3910-20  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC66

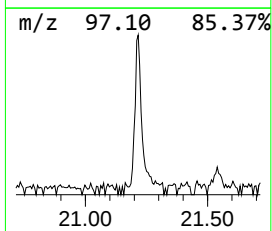
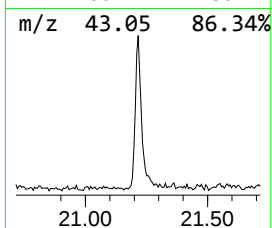
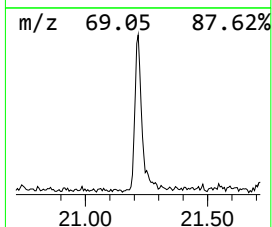
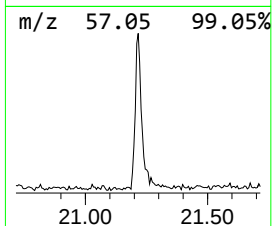
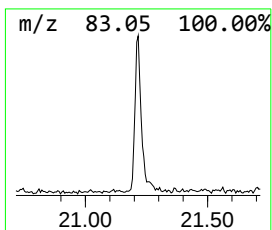
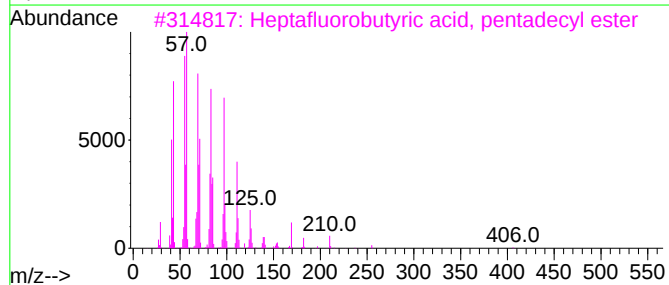
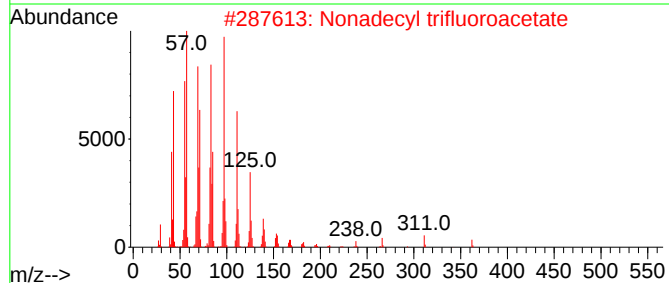
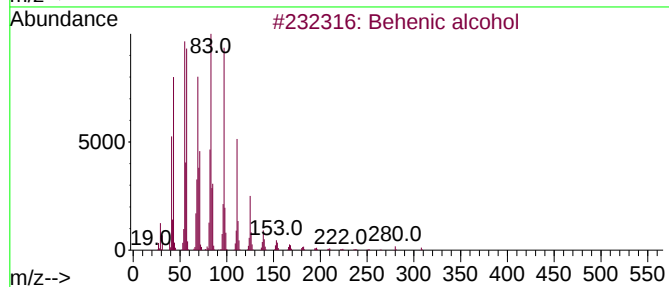
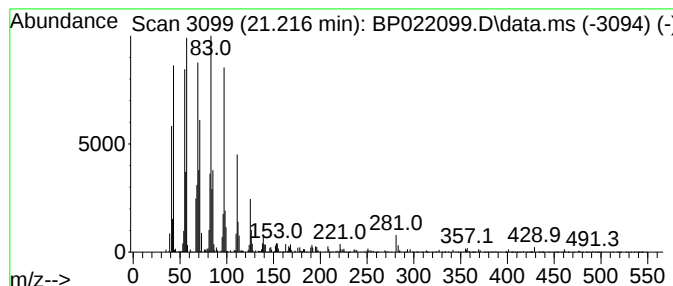
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Behenic alcohol Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.216 | 2.02 ng/ul | 244578 | Chrysene-d12     | 21.539 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8  | 94   |
| 2    |    |   | Nonadecyl trifluoroacetate          | 380 | C21H39F3O2 | 1000351-76-3 | 94   |
| 3    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5  | 94   |
| 4    |    |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4  | 94   |
| 5    |    |   | Pentacos-1-ene                      | 350 | C25H50     | 016980-85-1  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092724\  
Data File : BP022099.D  
Acq On : 28 Sep 2024 11:01  
Operator : RC/JU  
Sample : P3910-20  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DDC66

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.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 |
| Pentanedioic ac... | 9.399  | 2.2     | ng/ul | 106330   | 2                     | 10.458 | 982480  | 20.0 |
| Benzophenone       | 15.687 | 17.9    | ng/ul | 1336450  | 3                     | 14.304 | 1496720 | 20.0 |
| n-Hexadecanoic ... | 18.051 | 5.0     | ng/ul | 486274   | 4                     | 17.110 | 1937620 | 20.0 |
| Behenic alcohol    | 21.216 | 2.0     | ng/ul | 244578   | 5                     | 21.539 | 2427330 | 20.0 |