

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051424\  
 Data File : BP020392.D  
 Acq On : 15 May 2024 08:56  
 Operator : MA/JU  
 Sample : P2372-20  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A43X0

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-BP050124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP020392.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         | 3.187       | 14            | 17          | 30           | rVB3     | 16865          | 30179         | 1.40%           | 0.147%        |
| 2         | 3.470       | 62            | 65          | 73           | rBV      | 12982          | 26606         | 1.23%           | 0.129%        |
| 3         | 3.593       | 83            | 86          | 105          | rBV      | 133457         | 271334        | 12.59%          | 1.319%        |
| 4         | 3.887       | 134           | 136         | 139          | rVB3     | 3135           | 3072          | 0.14%           | 0.015%        |
| 5         | 6.787       | 623           | 629         | 648          | rBV      | 170262         | 405815        | 18.82%          | 1.973%        |
| 6         | 6.946       | 650           | 656         | 666          | rBV      | 157856         | 286980        | 13.31%          | 1.395%        |
| 7         | 7.134       | 681           | 688         | 704          | rBV      | 219142         | 422797        | 19.61%          | 2.056%        |
| 8         | 7.440       | 738           | 740         | 747          | rVB7     | 1621           | 2660          | 0.12%           | 0.013%        |
| 9         | 7.593       | 756           | 766         | 777          | rBV      | 198672         | 370483        | 17.19%          | 1.802%        |
| 10        | 8.305       | 880           | 887         | 911          | rBV      | 222718         | 517657        | 24.01%          | 2.517%        |
| 11        | 8.752       | 956           | 963         | 988          | rBV      | 207284         | 440396        | 20.43%          | 2.141%        |
| 12        | 8.911       | 988           | 990         | 994          | rVV5     | 1923           | 2799          | 0.13%           | 0.014%        |
| 13        | 9.093       | 1017          | 1021        | 1026         | rVB8     | 2576           | 3788          | 0.18%           | 0.018%        |
| 14        | 9.369       | 1064          | 1068        | 1074         | rBV7     | 2226           | 4767          | 0.22%           | 0.023%        |
| 15        | 9.463       | 1078          | 1084        | 1101         | rBV      | 176523         | 383556        | 17.79%          | 1.865%        |
| 16        | 10.011      | 1170          | 1177        | 1206         | rBV      | 214558         | 562286        | 26.08%          | 2.734%        |
| 17        | 10.210      | 1206          | 1211        | 1226         | rVV4     | 15216          | 57991         | 2.69%           | 0.282%        |
| 18        | 10.358      | 1229          | 1236        | 1250         | rVB      | 305924         | 547802        | 25.41%          | 2.664%        |
| 19        | 10.534      | 1257          | 1266        | 1286         | rBV      | 196756         | 537860        | 24.95%          | 2.615%        |
| 20        | 11.175      | 1370          | 1375        | 1381         | rBV4     | 9729           | 26692         | 1.24%           | 0.130%        |
| 21        | 11.987      | 1509          | 1513        | 1515         | rBV5     | 3539           | 5526          | 0.26%           | 0.027%        |
| 22        | 13.687      | 1795          | 1802        | 1816         | rBV      | 670941         | 1053943       | 48.89%          | 5.125%        |
| 23        | 13.957      | 1837          | 1848        | 1867         | rBV2     | 680126         | 1144890       | 53.11%          | 5.567%        |
| 24        | 14.275      | 1894          | 1902        | 1916         | rBV      | 520467         | 822606        | 38.16%          | 4.000%        |
| 25        | 14.510      | 1933          | 1942        | 1946         | rBV3     | 27850          | 61808         | 2.87%           | 0.301%        |
| 26        | 14.575      | 1946          | 1953        | 1967         | rBV2     | 82994          | 304452        | 14.12%          | 1.480%        |
| 27        | 15.087      | 2039          | 2040        | 2048         | rVV8     | 1870           | 3133          | 0.15%           | 0.015%        |
| 28        | 15.151      | 2048          | 2051        | 2054         | rVB4     | 2632           | 3328          | 0.15%           | 0.016%        |
| 29        | 15.298      | 2069          | 2076        | 2092         | rBV      | 997986         | 1482535       | 68.77%          | 7.209%        |
| 30        | 15.463      | 2098          | 2104        | 2125         | rBV      | 229512         | 468745        | 21.74%          | 2.279%        |
| 31        | 16.057      | 2200          | 2205        | 2209         | rBV7     | 2901           | 4392          | 0.20%           | 0.021%        |
| 32        | 16.222      | 2229          | 2233        | 2237         | rVB6     | 1841           | 3427          | 0.16%           | 0.017%        |
| 33        | 16.528      | 2281          | 2285        | 2288         | rBV6     | 2711           | 4118          | 0.19%           | 0.020%        |
| 34        | 16.781      | 2325          | 2328        | 2333         | rVB6     | 2659           | 3815          | 0.18%           | 0.019%        |
| 35        | 16.928      | 2350          | 2353        | 2358         | rVB7     | 3230           | 5189          | 0.24%           | 0.025%        |
| 36        | 16.987      | 2361          | 2363        | 2368         | rBV5     | 2124           | 2512          | 0.12%           | 0.012%        |

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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A43X0

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-BP050124.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 17.057 | 2370 | 2375 | 2377 | rBV6 | 2316    | 3873    | 0.18%   | 0.019%  |
| 38 | 17.110 | 2377 | 2384 | 2389 | rBV  | 703221  | 1067600 | 49.52%  | 5.191%  |
| 39 | 17.157 | 2389 | 2392 | 2396 | rVV  | 52669   | 79001   | 3.66%   | 0.384%  |
| 40 | 17.216 | 2396 | 2402 | 2418 | rVB2 | 894205  | 1602774 | 74.35%  | 7.794%  |
| 41 | 17.363 | 2424 | 2427 | 2436 | rVB2 | 6859    | 11553   | 0.54%   | 0.056%  |
| 42 | 17.545 | 2455 | 2458 | 2464 | rBV7 | 2733    | 4963    | 0.23%   | 0.024%  |
| 43 | 17.651 | 2472 | 2476 | 2477 | rBV4 | 1955    | 2427    | 0.11%   | 0.012%  |
| 44 | 17.898 | 2514 | 2518 | 2521 | rBV6 | 1710    | 3483    | 0.16%   | 0.017%  |
| 45 | 18.069 | 2540 | 2547 | 2558 | rBV  | 140930  | 245978  | 11.41%  | 1.196%  |
| 46 | 18.239 | 2572 | 2576 | 2581 | rBV6 | 6539    | 9317    | 0.43%   | 0.045%  |
| 47 | 18.287 | 2582 | 2584 | 2586 | rVB3 | 2838    | 2362    | 0.11%   | 0.011%  |
| 48 | 18.439 | 2608 | 2610 | 2612 | rBV3 | 2698    | 2974    | 0.14%   | 0.014%  |
| 49 | 18.516 | 2620 | 2623 | 2627 | rBV5 | 7373    | 8147    | 0.38%   | 0.040%  |
| 50 | 18.569 | 2629 | 2632 | 2639 | rBV6 | 4792    | 10396   | 0.48%   | 0.051%  |
| 51 | 19.039 | 2710 | 2712 | 2715 | rBV3 | 4226    | 5012    | 0.23%   | 0.024%  |
| 52 | 19.157 | 2728 | 2732 | 2738 | rVB6 | 18082   | 29659   | 1.38%   | 0.144%  |
| 53 | 19.275 | 2743 | 2752 | 2764 | rVV2 | 86403   | 188069  | 8.72%   | 0.915%  |
| 54 | 19.422 | 2772 | 2777 | 2783 | rBV3 | 56786   | 93537   | 4.34%   | 0.455%  |
| 55 | 19.569 | 2798 | 2802 | 2804 | rBV3 | 16972   | 21342   | 0.99%   | 0.104%  |
| 56 | 19.622 | 2804 | 2811 | 2821 | rVB  | 1252549 | 2155790 | 100.00% | 10.483% |
| 57 | 21.275 | 3088 | 3092 | 3100 | rBV3 | 125271  | 214689  | 9.96%   | 1.044%  |
| 58 | 21.604 | 3141 | 3148 | 3154 | rBV2 | 699709  | 1260757 | 58.48%  | 6.131%  |
| 59 | 24.710 | 3667 | 3676 | 3688 | rBV2 | 736780  | 2032103 | 94.26%  | 9.881%  |
| 60 | 24.951 | 3708 | 3717 | 3730 | rVB  | 416030  | 1229452 | 57.03%  | 5.978%  |

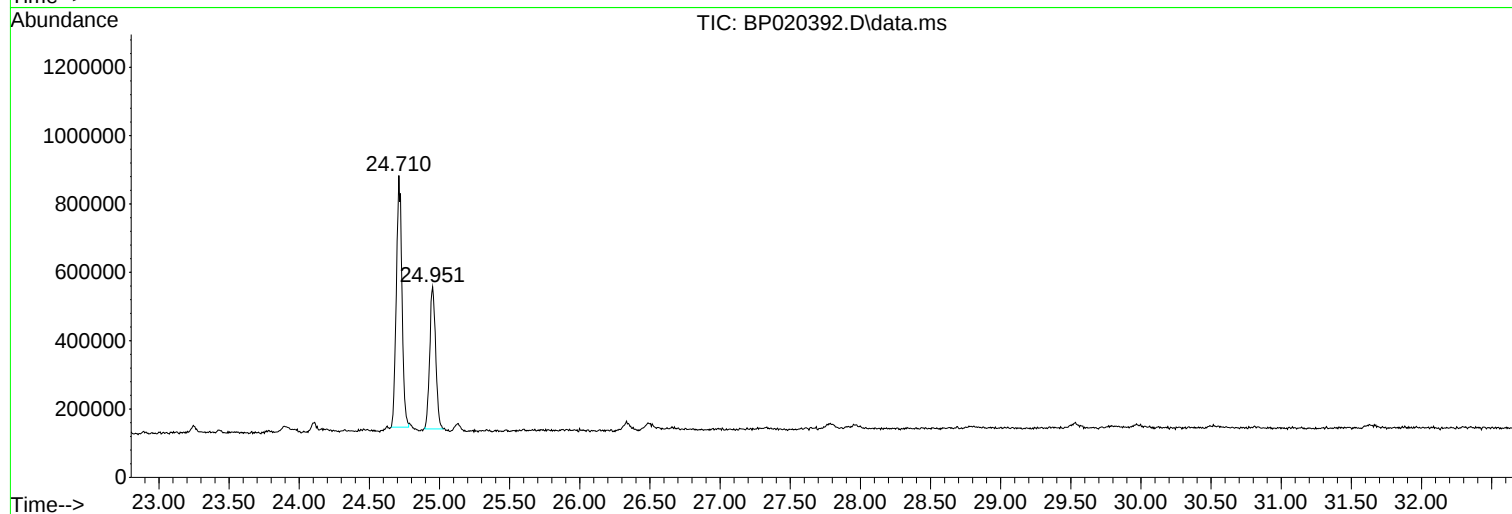
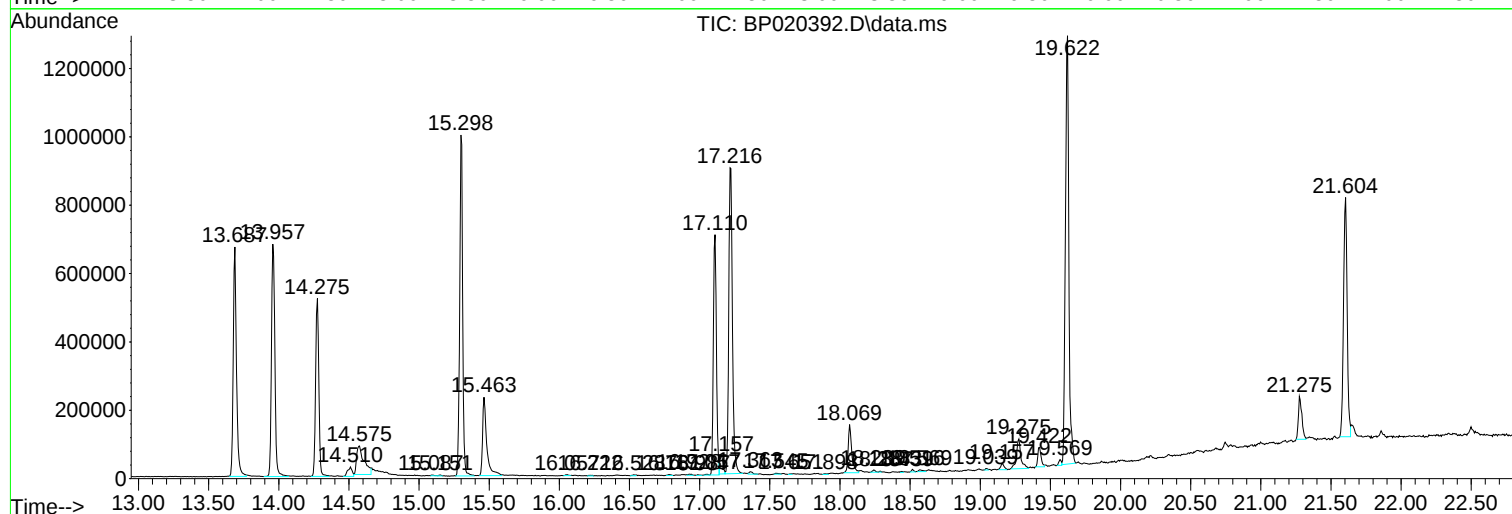
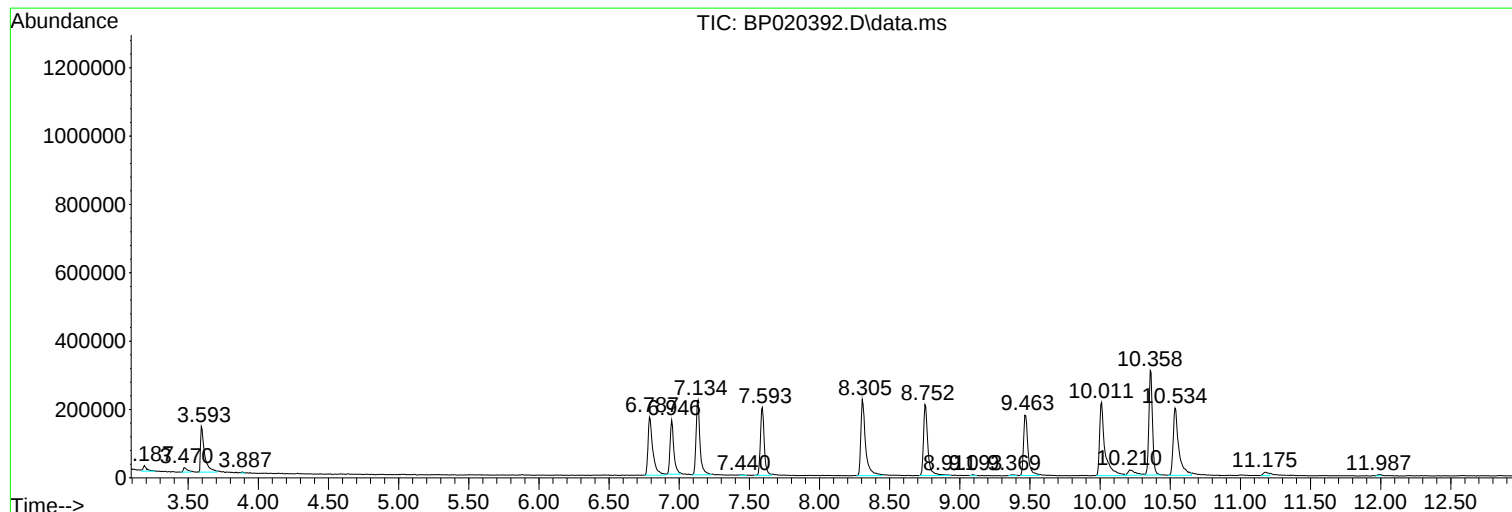
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A43X0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 26 Sample Multiplier: 1

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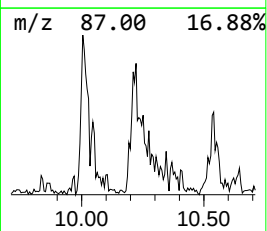
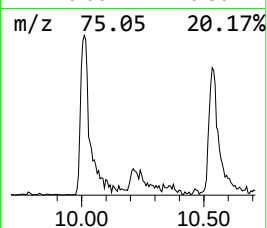
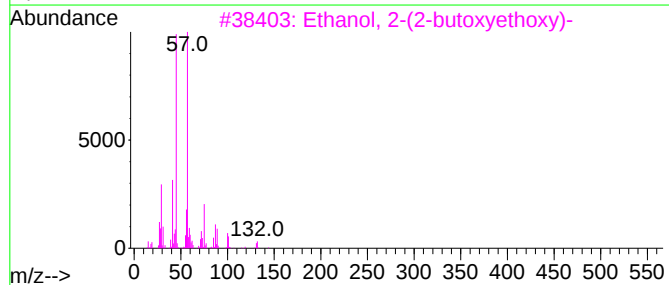
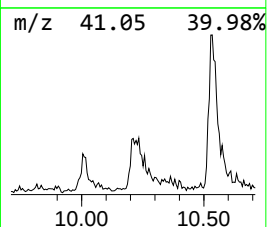
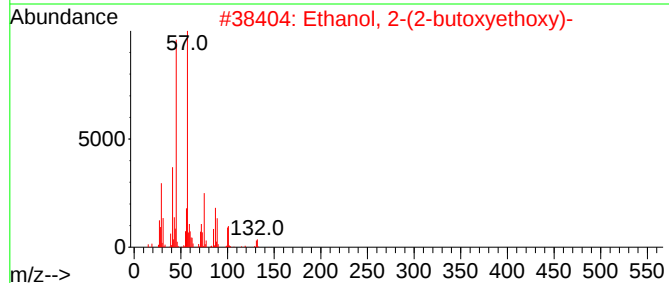
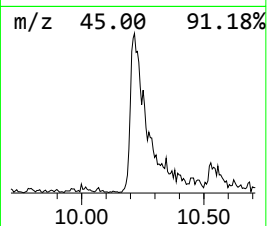
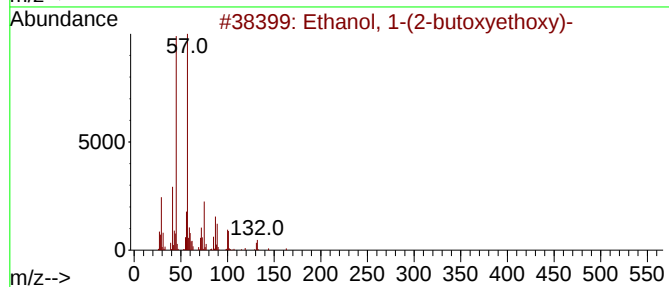
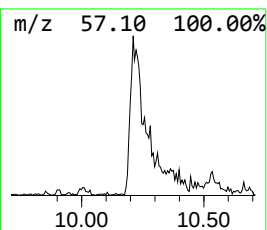
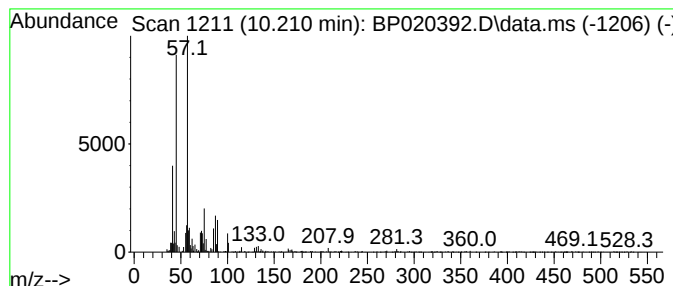
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Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 4

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 10.211 | 2.12 ng/ul | 57991 | Naphthalene-d8   | 10.358 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 1-(2-butoxyethoxy)-    | 162 | C8H18O3  | 054446-78-5 | 90   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)-    | 162 | C8H18O3  | 000112-34-5 | 90   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)-    | 162 | C8H18O3  | 000112-34-5 | 78   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)-    | 162 | C8H18O3  | 000112-34-5 | 72   |
| 5    |    |   | 3,6,9,12-Tetraoxahexadecan-1-ol | 250 | C12H26O5 | 001559-34-8 | 64   |



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Instrument :  
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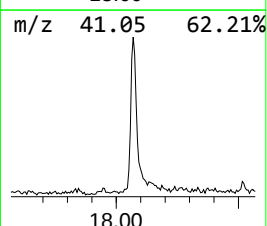
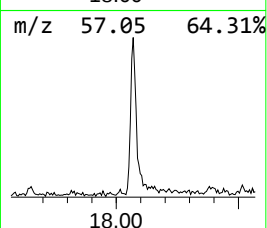
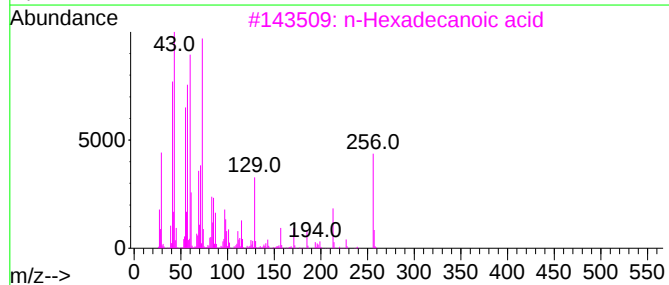
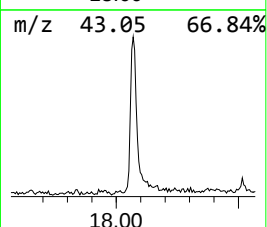
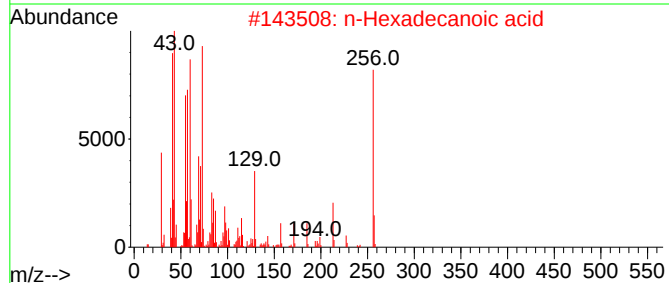
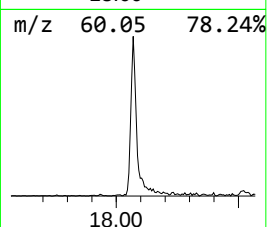
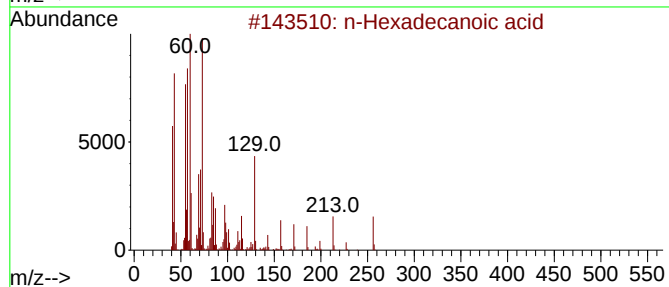
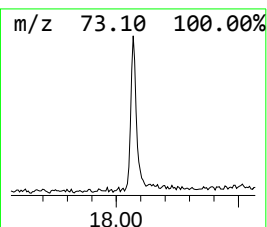
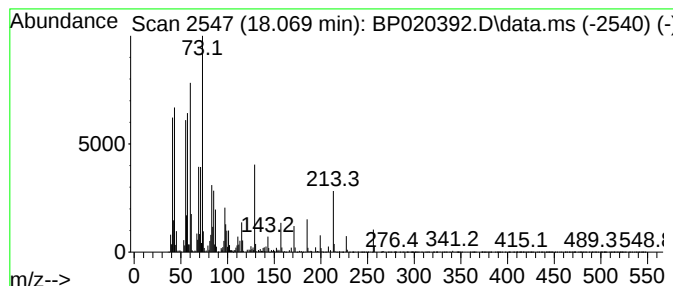
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.069 | 4.61 ng/ul | 245978 | Phenanthrene-d10 | 17.110 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |



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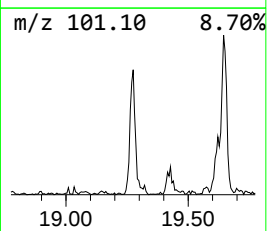
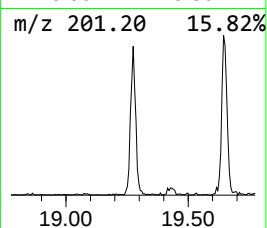
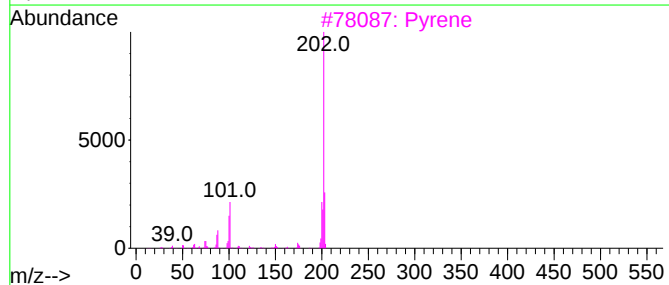
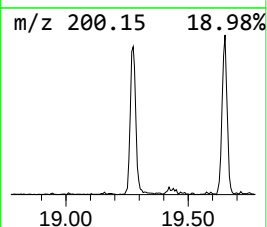
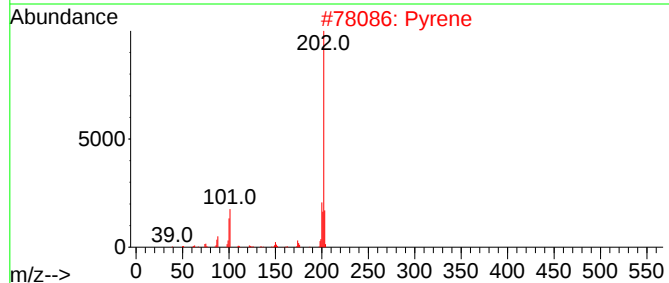
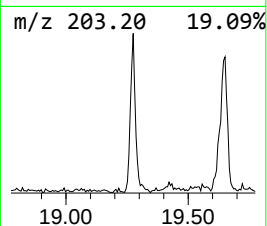
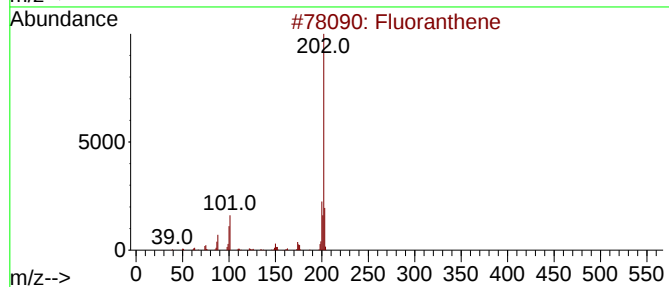
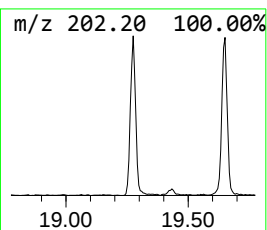
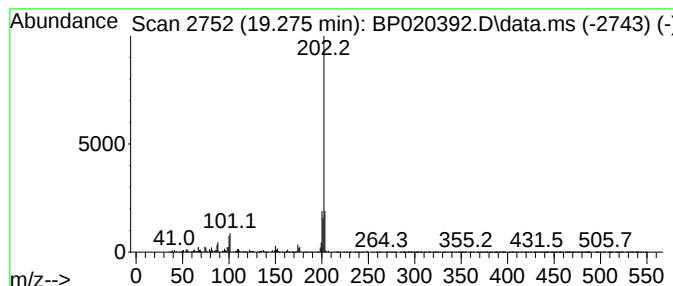
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Fluoranthene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.275 | 3.52 ng/ul | 188069 | Phenanthrene-d10 | 17.110 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Fluoranthene | 202 | C16H10  | 000206-44-0 | 95   |
| 2    |    |   | Pyrene       | 202 | C16H10  | 000129-00-0 | 91   |
| 3    |    |   | Pyrene       | 202 | C16H10  | 000129-00-0 | 90   |
| 4    |    |   | Fluoranthene | 202 | C16H10  | 000206-44-0 | 90   |
| 5    |    |   | Fluoranthene | 202 | C16H10  | 000206-44-0 | 90   |



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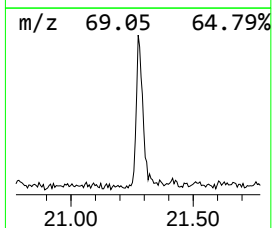
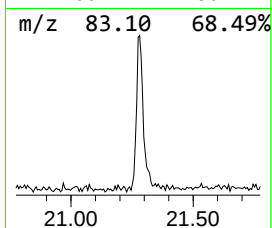
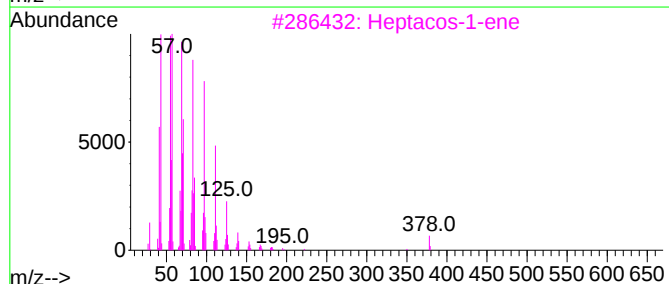
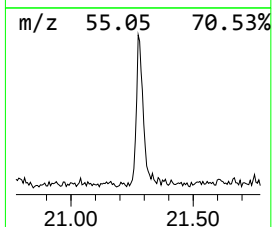
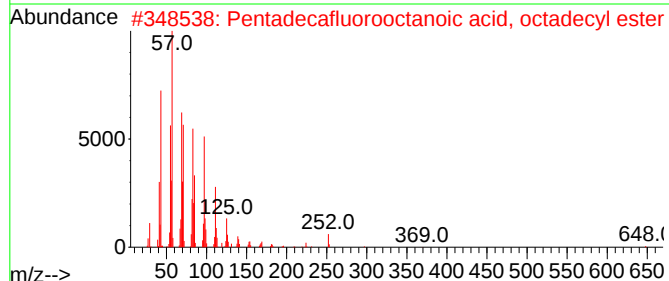
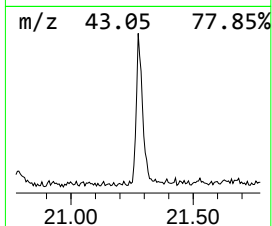
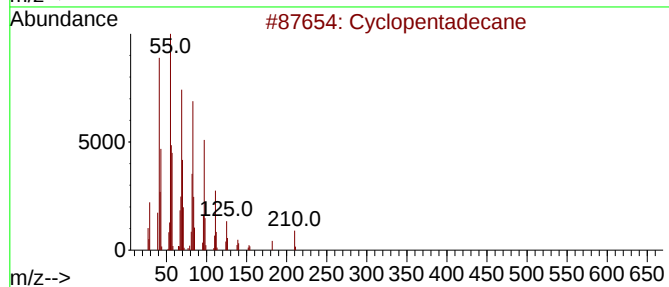
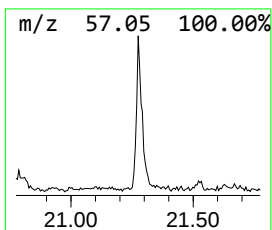
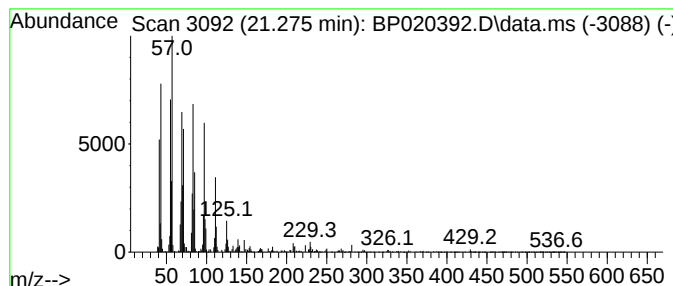
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Cyclic21.275 Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.275 | 3.41 ng/ul | 214689 | Chrysene-d12     | 21.604 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7  | 98   |
| 2    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94   |
| 3    |    |   | Heptacos-1-ene                      | 378 | C27H54      | 015306-27-1  | 94   |
| 4    |    |   | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2  | 086711-81-1  | 93   |
| 5    |    |   | 13-Methyl-Z-14-nonacosene           | 420 | C30H60      | 1010131-19-0 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051424\  
Data File : BP020392.D  
Acq On : 15 May 2024 08:56  
Operator : MA/JU  
Sample : P2372-20  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A43X0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP050124.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 |
| Ethanol, 1-(2-b... | 10.211 | 2.1     | ng/ul | 57991    | 2                     | 10.358 | 547802  | 20.0 |
| n-Hexadecanoic ... | 18.069 | 4.6     | ng/ul | 245978   | 4                     | 17.110 | 1067600 | 20.0 |
| Fluoranthene       | 19.275 | 3.5     | ng/ul | 188069   | 4                     | 17.110 | 1067600 | 20.0 |
| (DEL) Alkane: C... | 21.275 | 3.4     | ng/ul | 214689   | 5                     | 21.604 | 1260760 | 20.0 |