

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042424\  
 Data File : BN031198.D  
 Acq On : 24 Apr 2024 21:30  
 Operator : MA/JU  
 Sample : P2221-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E0809

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\_N\Methods\SFAM-EPA-BN041924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN031198.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         | 3.146       | 23            | 27          | 32           | rBV      | 29838          | 43562         | 0.73%           | 0.074%        |
| 2         | 3.411       | 69            | 72          | 83           | rBV      | 111342         | 187074        | 3.13%           | 0.320%        |
| 3         | 3.552       | 93            | 96          | 121          | rVB      | 410144         | 727204        | 12.15%          | 1.243%        |
| 4         | 3.864       | 146           | 149         | 156          | rVB4     | 7913           | 13835         | 0.23%           | 0.024%        |
| 5         | 5.728       | 463           | 466         | 473          | rVB5     | 7395           | 14068         | 0.24%           | 0.024%        |
| 6         | 6.634       | 615           | 620         | 622          | rBV5     | 7533           | 12797         | 0.21%           | 0.022%        |
| 7         | 6.805       | 642           | 649         | 668          | rVB      | 752132         | 1208397       | 20.19%          | 2.065%        |
| 8         | 6.975       | 671           | 678         | 687          | rBV      | 567621         | 928055        | 15.51%          | 1.586%        |
| 9         | 7.163       | 703           | 710         | 720          | rBV      | 740523         | 1189855       | 19.88%          | 2.033%        |
| 10        | 7.246       | 720           | 724         | 734          | rVB      | 16910          | 35225         | 0.59%           | 0.060%        |
| 11        | 7.628       | 782           | 789         | 797          | rBV      | 690338         | 1087179       | 18.17%          | 1.858%        |
| 12        | 7.705       | 797           | 802         | 807          | rVB4     | 7662           | 14726         | 0.25%           | 0.025%        |
| 13        | 8.334       | 903           | 909         | 923          | rBV      | 961307         | 1533083       | 25.62%          | 2.620%        |
| 14        | 8.787       | 977           | 986         | 996          | rBV      | 710643         | 1191040       | 19.90%          | 2.035%        |
| 15        | 8.946       | 1008          | 1013        | 1019         | rVB7     | 7231           | 13333         | 0.22%           | 0.023%        |
| 16        | 9.175       | 1047          | 1052        | 1057         | rVB3     | 11454          | 20657         | 0.35%           | 0.035%        |
| 17        | 9.351       | 1076          | 1082        | 1088         | rBV      | 35805          | 54149         | 0.90%           | 0.093%        |
| 18        | 9.499       | 1099          | 1107        | 1120         | rBV      | 585008         | 965976        | 16.14%          | 1.651%        |
| 19        | 9.922       | 1174          | 1179        | 1187         | rVB8     | 4859           | 12270         | 0.21%           | 0.021%        |
| 20        | 10.034      | 1189          | 1198        | 1208         | rBV      | 950754         | 1611212       | 26.93%          | 2.753%        |
| 21        | 10.193      | 1219          | 1225        | 1237         | rBV      | 74477          | 139893        | 2.34%           | 0.239%        |
| 22        | 10.410      | 1254          | 1262        | 1270         | rBV      | 1028629        | 1733860       | 28.98%          | 2.963%        |
| 23        | 10.551      | 1278          | 1286        | 1300         | rBV      | 960834         | 1658629       | 27.72%          | 2.834%        |
| 24        | 10.963      | 1352          | 1356        | 1362         | rVB7     | 8822           | 14295         | 0.24%           | 0.024%        |
| 25        | 11.157      | 1382          | 1389        | 1396         | rBV      | 67567          | 133835        | 2.24%           | 0.229%        |
| 26        | 11.998      | 1526          | 1532        | 1538         | rVB2     | 17570          | 31585         | 0.53%           | 0.054%        |
| 27        | 13.098      | 1714          | 1719        | 1722         | rBV4     | 6135           | 10828         | 0.18%           | 0.019%        |
| 28        | 13.169      | 1726          | 1731        | 1736         | rVV3     | 10924          | 16855         | 0.28%           | 0.029%        |
| 29        | 13.692      | 1812          | 1820        | 1829         | rBV      | 1790832        | 2379673       | 39.77%          | 4.066%        |
| 30        | 13.969      | 1855          | 1867        | 1876         | rBV      | 2035727        | 3026738       | 50.58%          | 5.172%        |
| 31        | 14.175      | 1899          | 1902        | 1908         | rVB5     | 5994           | 7983          | 0.13%           | 0.014%        |
| 32        | 14.275      | 1911          | 1919        | 1928         | rBV      | 1648715        | 2466193       | 41.21%          | 4.214%        |
| 33        | 14.492      | 1949          | 1956        | 1976         | rBV      | 782318         | 1433874       | 23.96%          | 2.450%        |
| 34        | 14.704      | 1986          | 1992        | 1998         | rVB9     | 8575           | 16305         | 0.27%           | 0.028%        |
| 35        | 15.081      | 2050          | 2056        | 2059         | rBV5     | 4296           | 7798          | 0.13%           | 0.013%        |
| 36        | 15.134      | 2061          | 2065        | 2073         | rVB7     | 5527           | 9299          | 0.16%           | 0.016%        |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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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\_N\Methods\SFAM-EPA-BN041924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 15.275 | 2082 | 2089 | 2098 | rBV  | 2557503 | 3771454 | 63.03% | 6.445% |
| 38 | 15.398 | 2103 | 2110 | 2122 | rBV  | 602078  | 860665  | 14.38% | 1.471% |
| 39 | 15.516 | 2126 | 2130 | 2135 | rBV6 | 12822   | 19891   | 0.33%  | 0.034% |
| 40 | 15.839 | 2180 | 2185 | 2188 | rBV7 | 7599    | 14804   | 0.25%  | 0.025% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 41 | 15.881 | 2190 | 2192 | 2198 | rVB7 | 4157 | 7483  | 0.13% | 0.013% |
| 42 | 15.992 | 2208 | 2211 | 2214 | rBV5 | 5021 | 8309  | 0.14% | 0.014% |
| 43 | 16.057 | 2219 | 2222 | 2227 | rVB6 | 7266 | 10443 | 0.17% | 0.018% |
| 44 | 16.116 | 2227 | 2232 | 2235 | rBV3 | 5477 | 8034  | 0.13% | 0.014% |
| 45 | 16.169 | 2237 | 2241 | 2245 | rBV6 | 5560 | 9014  | 0.15% | 0.015% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 46 | 16.433 | 2282 | 2286 | 2292 | rVB7 | 10940   | 16578   | 0.28%  | 0.028% |
| 47 | 16.792 | 2343 | 2347 | 2349 | rBV4 | 8267    | 9598    | 0.16%  | 0.016% |
| 48 | 16.951 | 2372 | 2374 | 2379 | rVB4 | 9016    | 10346   | 0.17%  | 0.018% |
| 49 | 17.028 | 2379 | 2387 | 2396 | rBV  | 2203515 | 3145115 | 52.56% | 5.374% |
| 50 | 17.122 | 2396 | 2403 | 2414 | rVV  | 3051187 | 4325063 | 72.28% | 7.391% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 51 | 17.228 | 2418 | 2421 | 2425 | rVB5 | 15530 | 20377  | 0.34% | 0.035% |
| 52 | 17.422 | 2446 | 2454 | 2466 | rBV5 | 51444 | 122636 | 2.05% | 0.210% |
| 53 | 17.528 | 2469 | 2472 | 2475 | rBV5 | 6600  | 8756   | 0.15% | 0.015% |
| 54 | 17.704 | 2498 | 2502 | 2507 | rVB2 | 28394 | 37090  | 0.62% | 0.063% |
| 55 | 17.798 | 2514 | 2518 | 2526 | rBV8 | 11790 | 19644  | 0.33% | 0.034% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 56 | 17.928 | 2535 | 2540 | 2549 | rBV  | 276446 | 392251 | 6.56% | 0.670% |
| 57 | 18.222 | 2584 | 2590 | 2594 | rBV8 | 7444   | 14033  | 0.23% | 0.024% |
| 58 | 18.357 | 2609 | 2613 | 2618 | rBV  | 124521 | 143495 | 2.40% | 0.245% |
| 59 | 18.951 | 2710 | 2714 | 2715 | rBV4 | 13778  | 16173  | 0.27% | 0.028% |
| 60 | 18.986 | 2717 | 2720 | 2725 | rVB  | 44684  | 62263  | 1.04% | 0.106% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 61 | 19.063 | 2728 | 2733 | 2736 | rBV2 | 63878   | 94544   | 1.58%  | 0.162% |
| 62 | 19.098 | 2736 | 2739 | 2751 | rVB2 | 67119   | 120702  | 2.02%  | 0.206% |
| 63 | 19.216 | 2755 | 2759 | 2765 | rBV  | 125975  | 164828  | 2.75%  | 0.282% |
| 64 | 19.369 | 2782 | 2785 | 2789 | rVB5 | 15387   | 16571   | 0.28%  | 0.028% |
| 65 | 19.427 | 2789 | 2795 | 2802 | rBV  | 4172424 | 5494587 | 91.82% | 9.389% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 66 | 19.480 | 2802 | 2804 | 2810 | rVB4 | 22357  | 28535  | 0.48% | 0.049% |
| 67 | 19.980 | 2886 | 2889 | 2892 | rVB2 | 31916  | 33458  | 0.56% | 0.057% |
| 68 | 20.310 | 2941 | 2945 | 2949 | rBV4 | 70668  | 104015 | 1.74% | 0.178% |
| 69 | 20.480 | 2971 | 2974 | 2978 | rBV3 | 48195  | 58341  | 0.97% | 0.100% |
| 70 | 20.957 | 3050 | 3055 | 3065 | rBV2 | 275282 | 561951 | 9.39% | 0.960% |

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 71 | 21.263 | 3101 | 3107 | 3119 | rBV  | 2917551 | 4110695 | 68.70%  | 7.025%  |
| 72 | 21.451 | 3137 | 3139 | 3146 | rVB2 | 57931   | 67890   | 1.13%   | 0.116%  |
| 73 | 22.610 | 3332 | 3336 | 3346 | rVB4 | 105155  | 221620  | 3.70%   | 0.379%  |
| 74 | 22.786 | 3363 | 3366 | 3374 | rVB2 | 87975   | 137339  | 2.30%   | 0.235%  |
| 75 | 23.963 | 3557 | 3566 | 3582 | rVB2 | 2540536 | 5983921 | 100.00% | 10.226% |

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 76 | 24.157 | 3591 | 3599 | 3613 | rVB | 1742068 | 4315532 | 72.12% | 7.375% |
|----|--------|------|------|------|-----|---------|---------|--------|--------|

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Instrument :  
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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\_N\Methods\SFAM-EPA-BN041924.MA.M  
Title : SVOA CALIBRATION

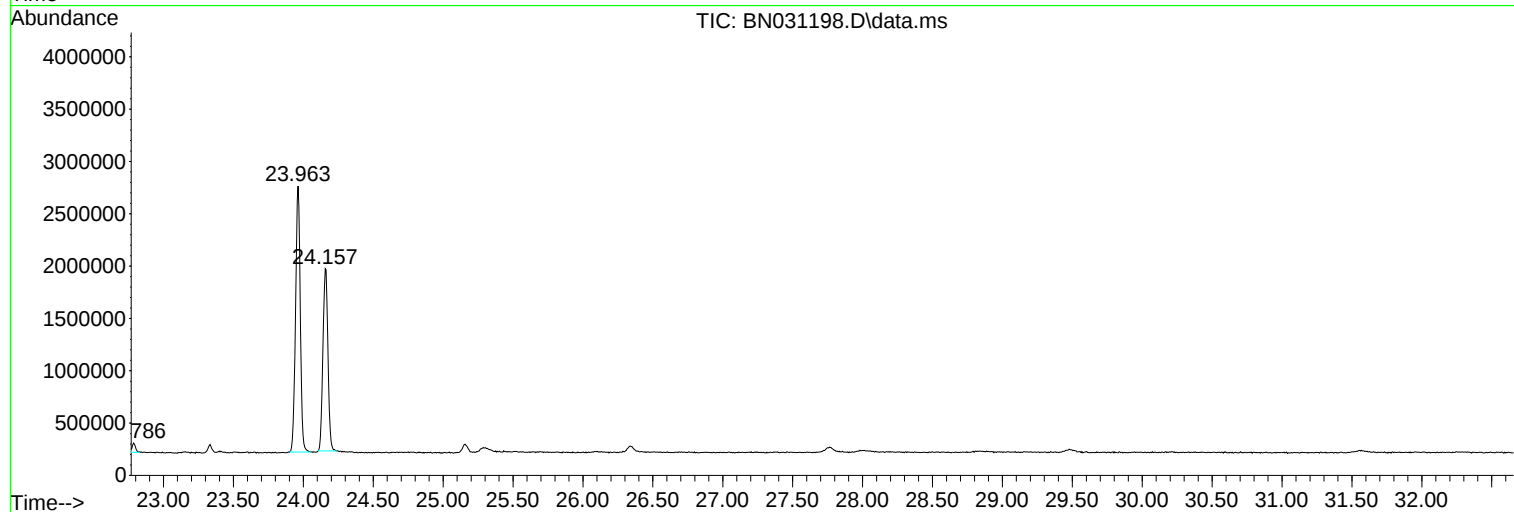
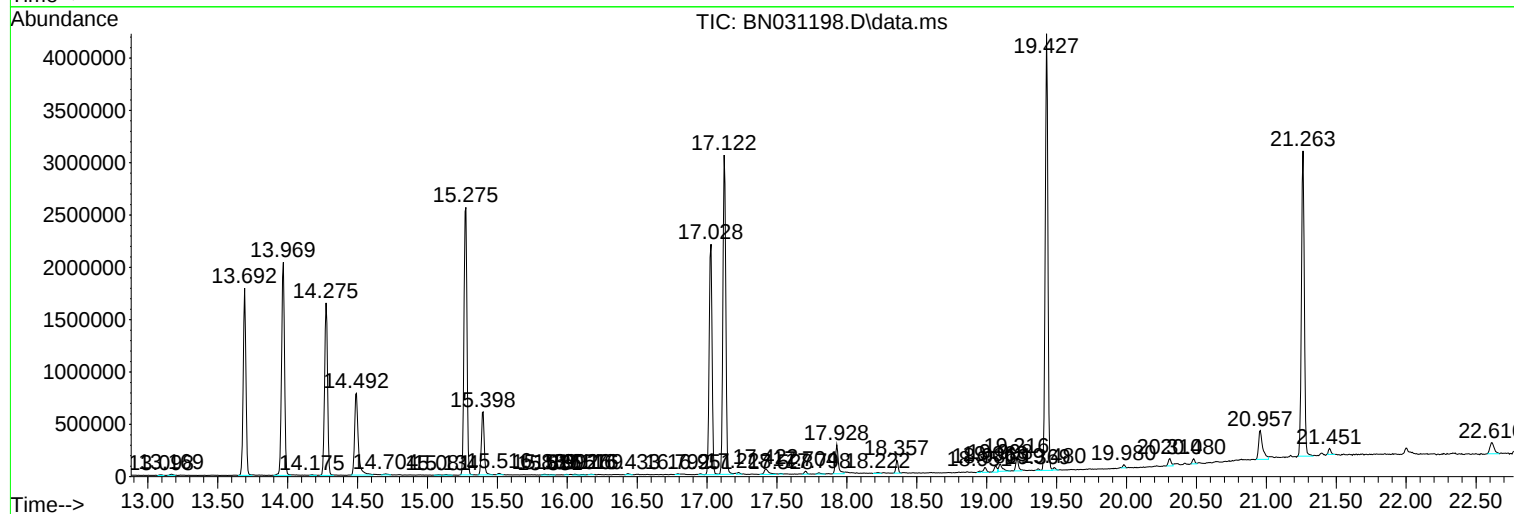
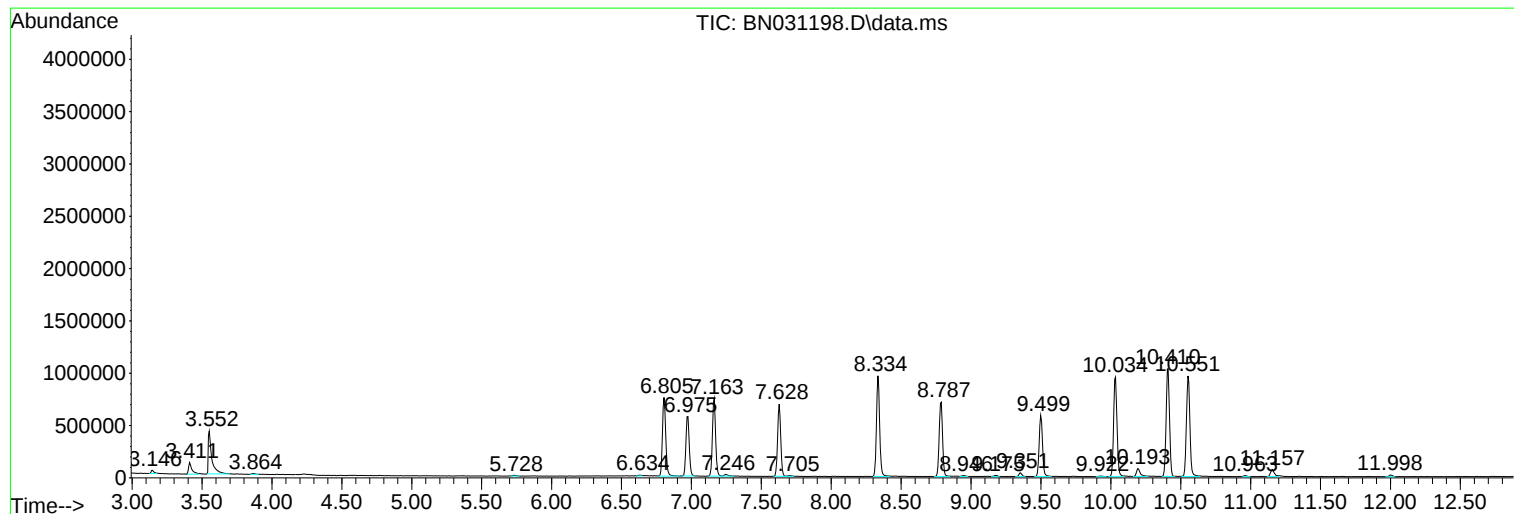
Sum of corrected areas: 58519384

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042424\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
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E0809

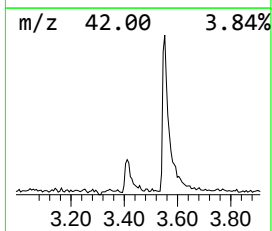
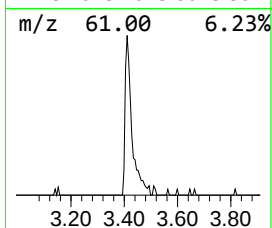
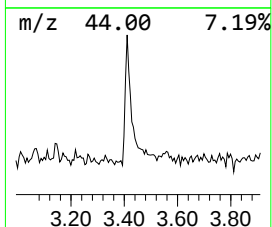
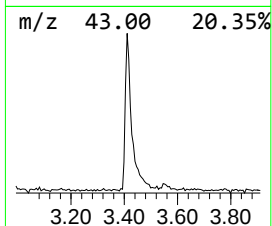
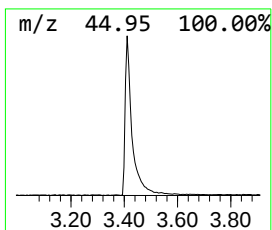
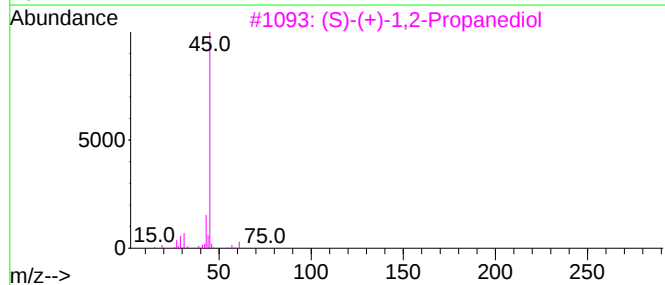
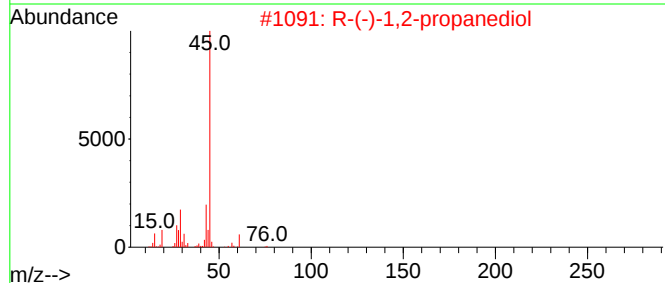
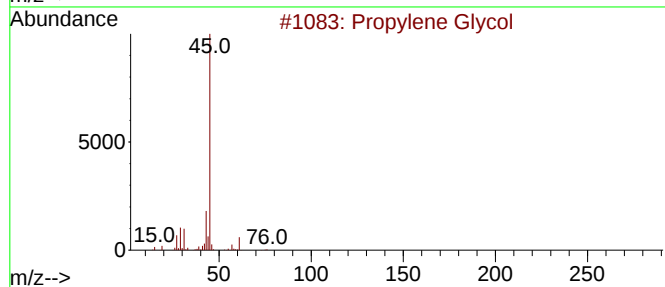
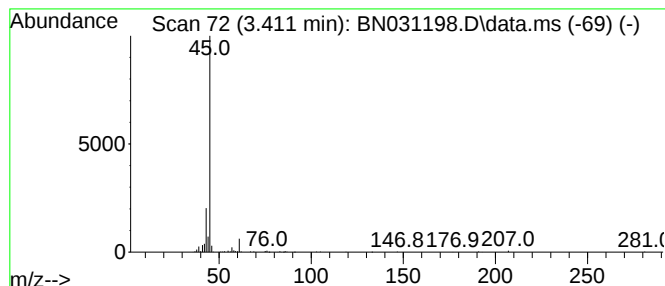
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Propylene Glycol Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.411 | 3.44 ng/ul | 187074 | 1,4-Dichlorobenzene-d4 | 7.628 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Propylene Glycol        | 76 | C3H8O2  | 000057-55-6 | 78   |
| 2    |    |   | R-(-)-1,2-propanediol   | 76 | C3H8O2  | 004254-14-2 | 78   |
| 3    |    |   | (S)-(+)-1,2-Propanediol | 76 | C3H8O2  | 004254-15-3 | 56   |
| 4    |    |   | Propylene Glycol        | 76 | C3H8O2  | 000057-55-6 | 56   |
| 5    |    |   | Propylene Glycol        | 76 | C3H8O2  | 000057-55-6 | 56   |



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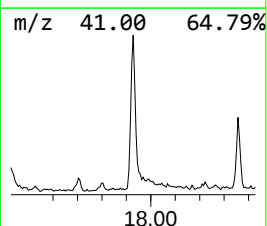
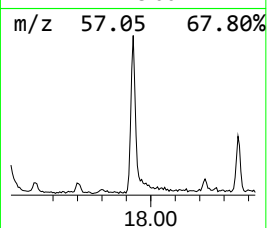
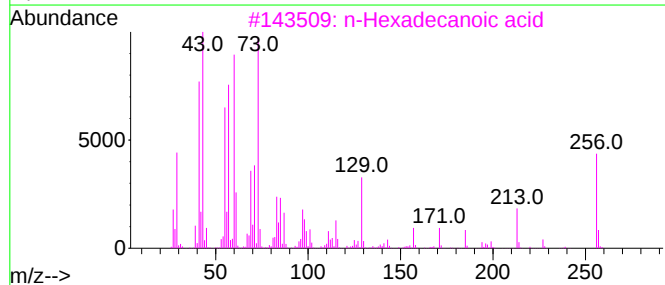
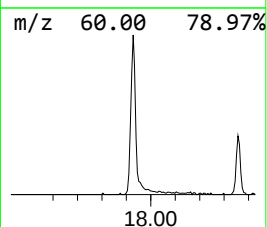
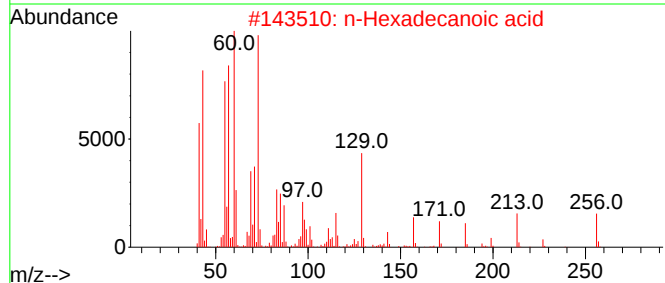
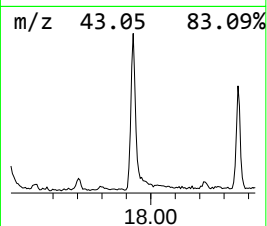
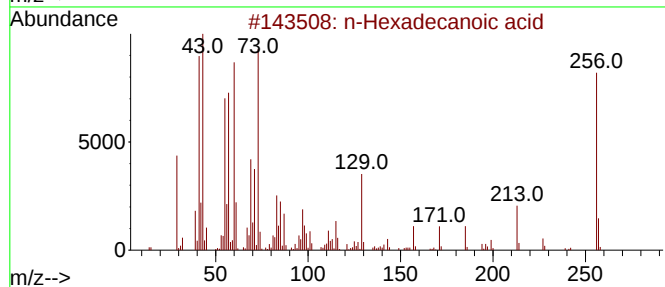
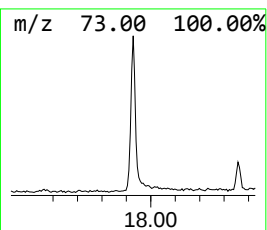
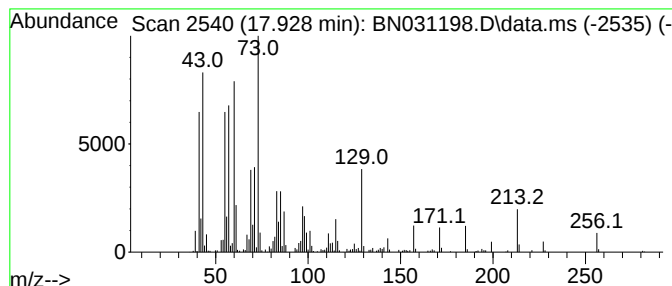
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.927 | 2.49 ng/ul | 392251 | Phenanthrene-d10 | 17.028 |

| 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 | 93   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |



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Quant Title : SVOA CALIBRATION

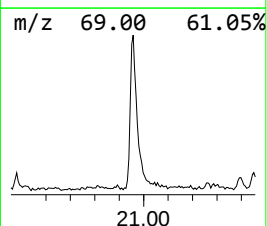
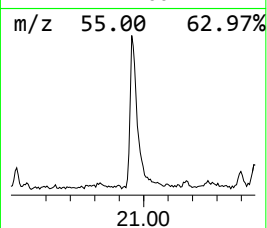
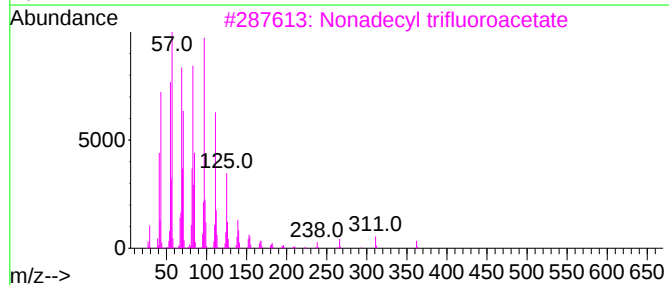
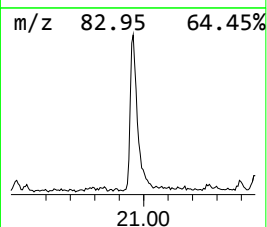
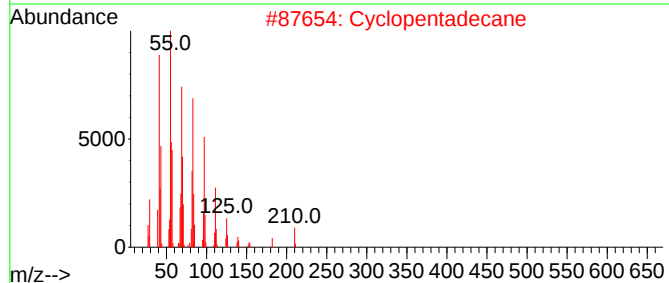
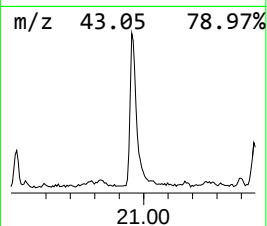
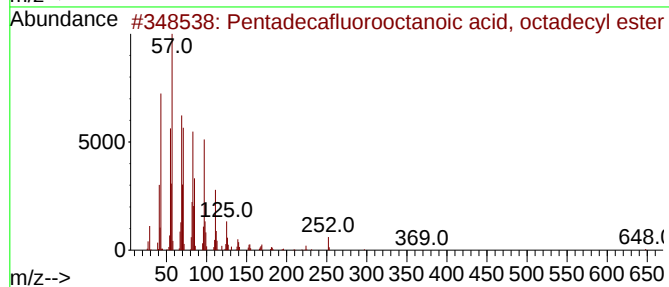
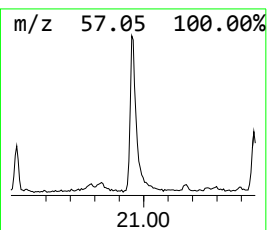
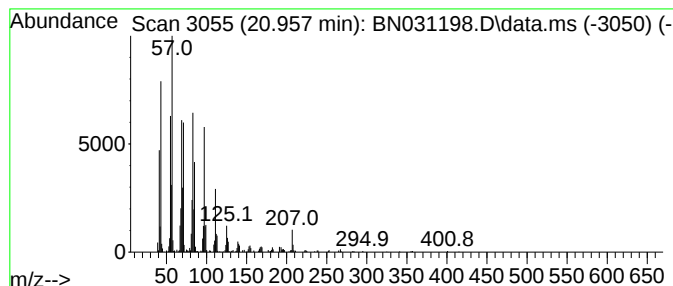
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.957 | 2.73 ng/ul | 561951 | Chrysene-d12     | 21.263 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94   |
| 2    |    |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7  | 90   |
| 3    |    |   | Nonadecyl trifluoroacetate          | 380 | C21H39F3O2  | 1000351-76-3 | 87   |
| 4    |    |   | 1-Dodecanol, 2-hexyl-               | 270 | C18H38O     | 110225-00-8  | 81   |
| 5    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2  | 1010351-87-0 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042424\  
Data File : BN031198.D  
Acq On : 24 Apr 2024 21:30  
Operator : MA/JU  
Sample : P2221-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
E0809

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041924.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 |
| Propylene Glycol   | 3.411  | 3.4     | ng/ul | 187074   | 1                     | 7.628  | 1087180 | 20.0 |
| n-Hexadecanoic ... | 17.927 | 2.5     | ng/ul | 392251   | 4                     | 17.028 | 3145120 | 20.0 |
| Pentadecafluoro... | 20.957 | 2.7     | ng/ul | 561951   | 5                     | 21.263 | 4110700 | 20.0 |