

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101422\  
 Data File : BN022090.D  
 Acq On : 13 Oct 2022 16:15  
 Operator : CG/JU  
 Sample : N4984-11  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGNM3

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-BN101222.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN022090.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         | 3.258       | 42            | 46          | 52           | rBV      | 20431          | 29957         | 0.77%           | 0.091%        |
| 2         | 3.705       | 119           | 122         | 140          | rBV      | 110779         | 220980        | 5.67%           | 0.672%        |
| 3         | 3.934       | 154           | 161         | 172          | rBV2     | 43611          | 76793         | 1.97%           | 0.234%        |
| 4         | 4.034       | 174           | 178         | 183          | rVB      | 14131          | 18237         | 0.47%           | 0.055%        |
| 5         | 4.422       | 239           | 244         | 253          | rBV2     | 27230          | 42240         | 1.08%           | 0.129%        |
| 6         | 4.922       | 325           | 329         | 333          | rBV3     | 3349           | 4928          | 0.13%           | 0.015%        |
| 7         | 5.016       | 337           | 345         | 351          | rVB2     | 9096           | 17416         | 0.45%           | 0.053%        |
| 8         | 5.410       | 406           | 412         | 415          | rBV6     | 3087           | 5730          | 0.15%           | 0.017%        |
| 9         | 5.975       | 505           | 508         | 512          | rBV4     | 3847           | 5685          | 0.15%           | 0.017%        |
| 10        | 6.934       | 667           | 671         | 675          | rVV2     | 3419           | 6272          | 0.16%           | 0.019%        |
| 11        | 7.046       | 684           | 690         | 693          | rBV4     | 3683           | 6692          | 0.17%           | 0.020%        |
| 12        | 7.110       | 693           | 701         | 709          | rVB2     | 109041         | 213949        | 5.49%           | 0.651%        |
| 13        | 7.287       | 724           | 731         | 744          | rVB      | 374017         | 615909        | 15.80%          | 1.874%        |
| 14        | 7.481       | 757           | 764         | 776          | rBV      | 345766         | 558157        | 14.32%          | 1.698%        |
| 15        | 7.957       | 838           | 845         | 851          | rBV      | 368082         | 601621        | 15.43%          | 1.831%        |
| 16        | 8.022       | 851           | 856         | 868          | rVB      | 166461         | 265215        | 6.80%           | 0.807%        |
| 17        | 8.675       | 961           | 967         | 978          | rBV      | 290095         | 477720        | 12.25%          | 1.454%        |
| 18        | 8.798       | 983           | 988         | 993          | rVB2     | 12971          | 21270         | 0.55%           | 0.065%        |
| 19        | 9.075       | 1028          | 1035        | 1039         | rBV      | 25093          | 42334         | 1.09%           | 0.129%        |
| 20        | 9.140       | 1039          | 1046        | 1054         | rVV      | 425974         | 704243        | 18.07%          | 2.143%        |
| 21        | 9.298       | 1069          | 1073        | 1077         | rBV4     | 4968           | 7772          | 0.20%           | 0.024%        |
| 22        | 9.863       | 1162          | 1169        | 1182         | rVB      | 325523         | 549151        | 14.09%          | 1.671%        |
| 23        | 10.404      | 1253          | 1261        | 1275         | rBV      | 479919         | 803379        | 20.61%          | 2.444%        |
| 24        | 10.569      | 1284          | 1289        | 1297         | rVB7     | 5147           | 9743          | 0.25%           | 0.030%        |
| 25        | 10.645      | 1297          | 1302        | 1306         | rBV6     | 2835           | 4736          | 0.12%           | 0.014%        |
| 26        | 10.698      | 1306          | 1311        | 1319         | rVV3     | 14028          | 22198         | 0.57%           | 0.068%        |
| 27        | 10.787      | 1319          | 1326        | 1333         | rBV      | 565073         | 972852        | 24.96%          | 2.960%        |
| 28        | 10.845      | 1333          | 1336        | 1342         | rVB4     | 8666           | 13893         | 0.36%           | 0.042%        |
| 29        | 10.934      | 1343          | 1351        | 1366         | rBV      | 856213         | 1488948       | 38.19%          | 4.530%        |
| 30        | 11.222      | 1394          | 1400        | 1405         | rBV2     | 8003           | 12762         | 0.33%           | 0.039%        |
| 31        | 11.451      | 1434          | 1439        | 1446         | rBV2     | 4863           | 8717          | 0.22%           | 0.027%        |
| 32        | 11.592      | 1455          | 1463        | 1466         | rBV7     | 2730           | 5452          | 0.14%           | 0.017%        |
| 33        | 12.381      | 1593          | 1597        | 1603         | rVB      | 8543           | 12524         | 0.32%           | 0.038%        |
| 34        | 12.628      | 1631          | 1639        | 1647         | rBV      | 8795           | 15881         | 0.41%           | 0.048%        |
| 35        | 12.881      | 1672          | 1682        | 1692         | rBV      | 232068         | 364218        | 9.34%           | 1.108%        |
| 36        | 12.981      | 1696          | 1699        | 1707         | rVV5     | 5575           | 9772          | 0.25%           | 0.030%        |

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Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGNM3

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-BN101222.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 13.233 | 1734 | 1742 | 1747 | rVB2 | 11481   | 16684   | 0.43%   | 0.051%  |
| 38 | 13.475 | 1775 | 1783 | 1789 | rBV  | 46767   | 71413   | 1.83%   | 0.217%  |
| 39 | 13.557 | 1792 | 1797 | 1804 | rVV  | 27840   | 44102   | 1.13%   | 0.134%  |
| 40 | 14.039 | 1873 | 1879 | 1890 | rBV  | 1040356 | 1476020 | 37.86%  | 4.491%  |
| 41 | 14.328 | 1921 | 1928 | 1944 | rVB  | 1160722 | 1682200 | 43.15%  | 5.118%  |
| 42 | 14.498 | 1952 | 1957 | 1962 | rBV7 | 2575    | 4138    | 0.11%   | 0.013%  |
| 43 | 14.633 | 1973 | 1980 | 1989 | rBV  | 989180  | 1448408 | 37.15%  | 4.407%  |
| 44 | 14.710 | 1989 | 1993 | 1997 | rVB2 | 10781   | 14772   | 0.38%   | 0.045%  |
| 45 | 14.827 | 2008 | 2013 | 2032 | rBV2 | 87264   | 170415  | 4.37%   | 0.519%  |
| 46 | 15.051 | 2044 | 2051 | 2057 | rBV6 | 9022    | 16815   | 0.43%   | 0.051%  |
| 47 | 15.304 | 2089 | 2094 | 2100 | rVB  | 8857    | 12429   | 0.32%   | 0.038%  |
| 48 | 15.422 | 2110 | 2114 | 2116 | rBV  | 6981    | 9598    | 0.25%   | 0.029%  |
| 49 | 15.451 | 2116 | 2119 | 2128 | rVB  | 10353   | 14374   | 0.37%   | 0.044%  |
| 50 | 15.622 | 2142 | 2148 | 2163 | rVB  | 1572714 | 2281747 | 58.53%  | 6.943%  |
| 51 | 15.745 | 2163 | 2169 | 2179 | rBV  | 472006  | 657511  | 16.87%  | 2.001%  |
| 52 | 15.863 | 2183 | 2189 | 2194 | rBV5 | 8053    | 12668   | 0.32%   | 0.039%  |
| 53 | 15.992 | 2205 | 2211 | 2216 | rBV  | 19903   | 27511   | 0.71%   | 0.084%  |
| 54 | 16.974 | 2374 | 2378 | 2382 | rVB4 | 3699    | 4574    | 0.12%   | 0.014%  |
| 55 | 17.386 | 2441 | 2448 | 2455 | rVV  | 1297211 | 1790972 | 45.94%  | 5.449%  |
| 56 | 17.486 | 2458 | 2465 | 2478 | rVV  | 1823234 | 2602064 | 66.75%  | 7.917%  |
| 57 | 17.580 | 2478 | 2481 | 2485 | rVB5 | 5639    | 7025    | 0.18%   | 0.021%  |
| 58 | 17.669 | 2492 | 2496 | 2501 | rVB  | 10324   | 12787   | 0.33%   | 0.039%  |
| 59 | 18.057 | 2556 | 2562 | 2568 | rVB  | 368047  | 470612  | 12.07%  | 1.432%  |
| 60 | 18.221 | 2587 | 2590 | 2594 | rBV5 | 2404    | 4683    | 0.12%   | 0.014%  |
| 61 | 18.274 | 2594 | 2599 | 2605 | rVV2 | 25759   | 35184   | 0.90%   | 0.107%  |
| 62 | 18.357 | 2608 | 2613 | 2620 | rVV  | 24101   | 35902   | 0.92%   | 0.109%  |
| 63 | 18.539 | 2639 | 2644 | 2648 | rBV6 | 4766    | 8487    | 0.22%   | 0.026%  |
| 64 | 19.351 | 2777 | 2782 | 2787 | rBV2 | 18798   | 27439   | 0.70%   | 0.083%  |
| 65 | 19.421 | 2789 | 2794 | 2800 | rBV2 | 19935   | 33807   | 0.87%   | 0.103%  |
| 66 | 19.557 | 2813 | 2817 | 2821 | rBV3 | 21108   | 28627   | 0.73%   | 0.087%  |
| 67 | 19.704 | 2840 | 2842 | 2847 | rVB2 | 9204    | 9864    | 0.25%   | 0.030%  |
| 68 | 19.786 | 2850 | 2856 | 2868 | rVV  | 2275999 | 3097996 | 79.47%  | 9.426%  |
| 69 | 21.580 | 3156 | 3161 | 3169 | rBV2 | 1632476 | 2150589 | 55.17%  | 6.544%  |
| 70 | 23.892 | 3546 | 3554 | 3568 | rBV2 | 1817890 | 3898370 | 100.00% | 11.862% |
| 71 | 24.051 | 3574 | 3581 | 3596 | rVB2 | 1185097 | 2447986 | 62.80%  | 7.449%  |

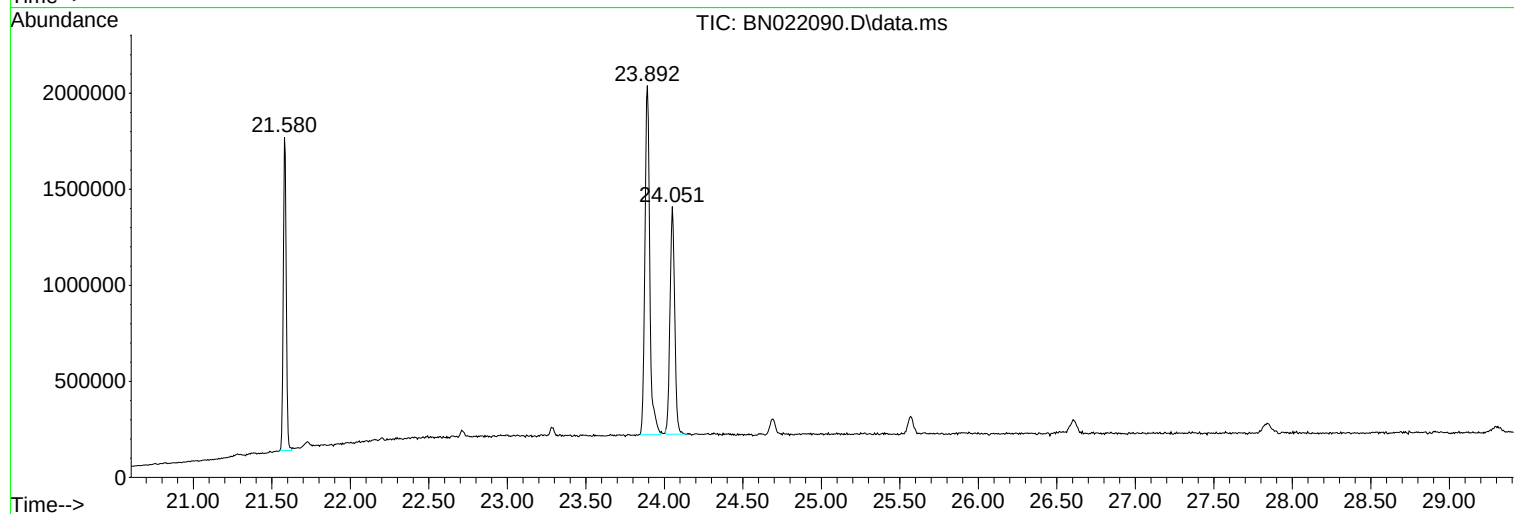
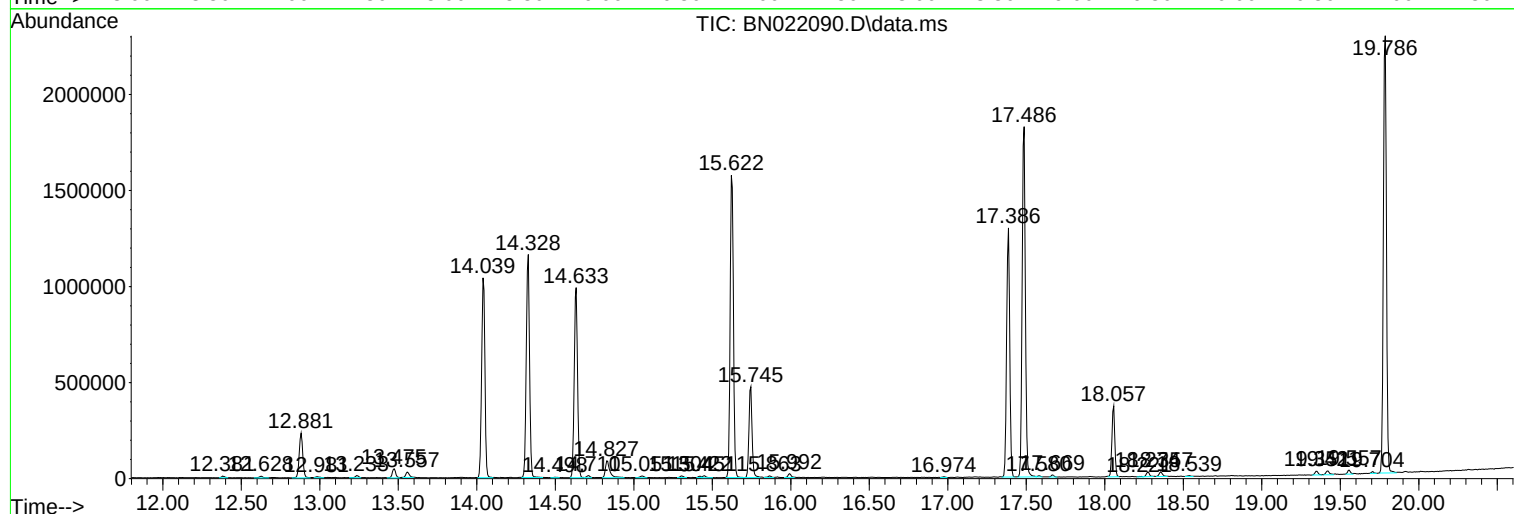
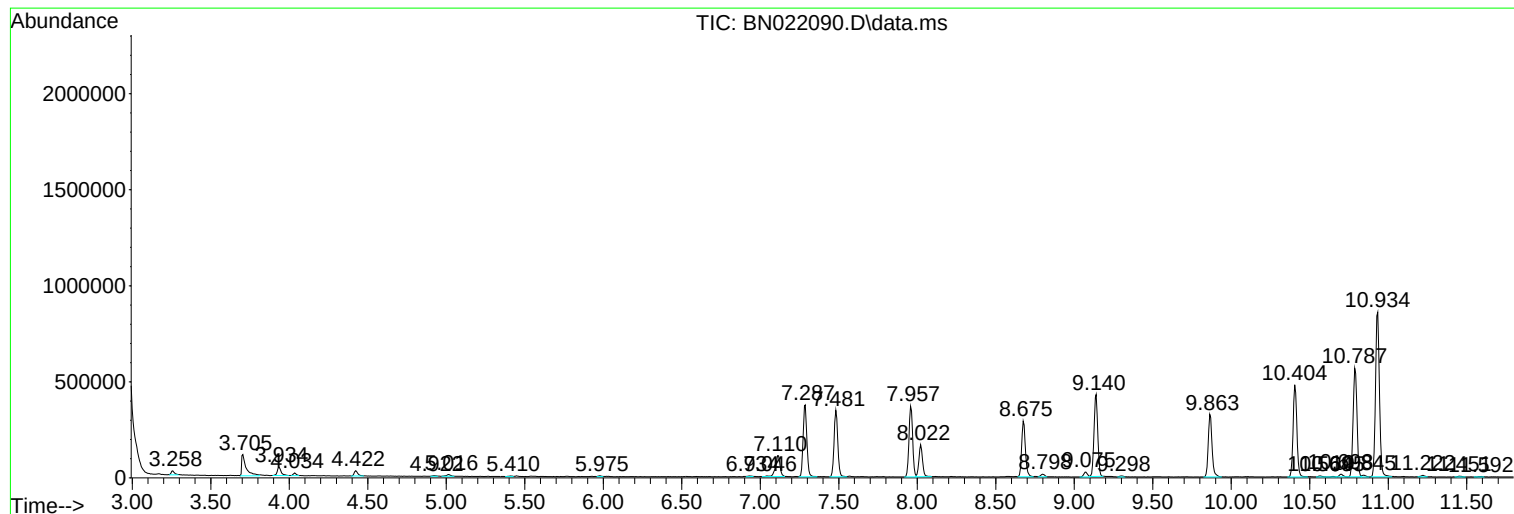
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Sample : N4984-11  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGNM3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101422\  
Data File : BN022090.D  
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Operator : CG/JU  
Sample : N4984-11  
Misc :  
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Instrument :  
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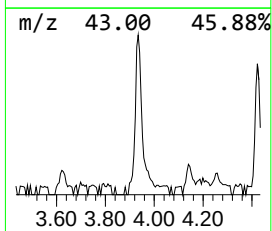
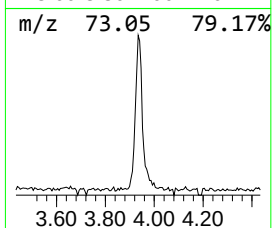
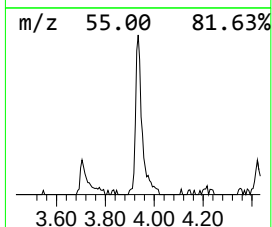
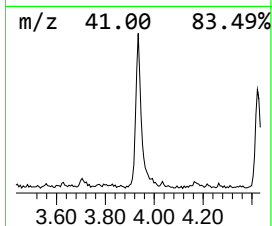
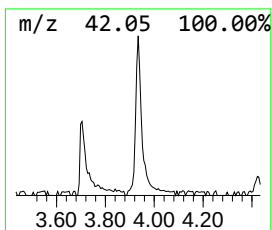
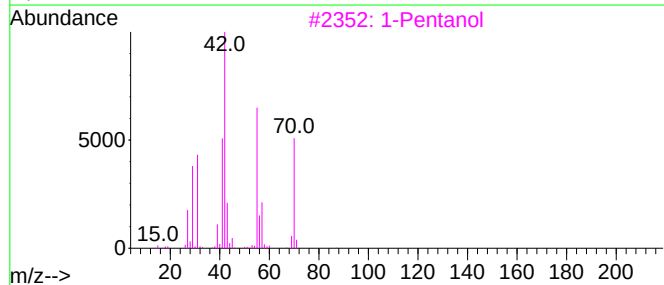
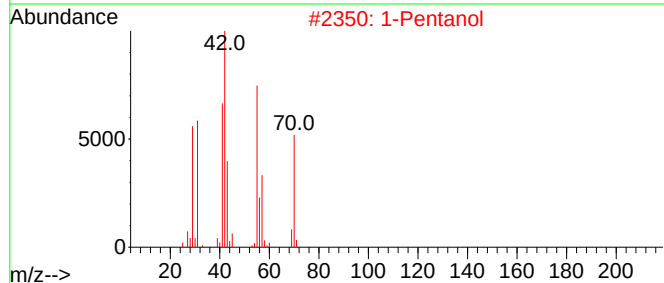
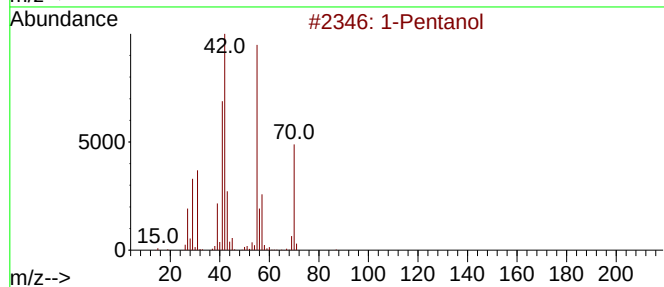
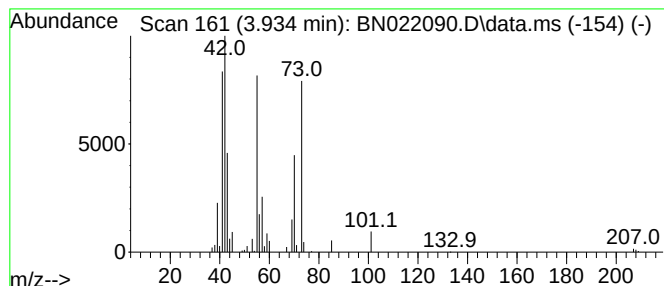
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 1-Pentanol Concentration Rank 4

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.934 | 2.55 ng/ul | 76793 | 1,4-Dichlorobenzene-d4 | 7.957 |

| Hit# | of         | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|------------|---|--------------|----|---------|-------------|------|
| 1    | 1-Pentanol |   |              | 88 | C5H12O  | 000071-41-0 | 59   |
| 2    | 1-Pentanol |   |              | 88 | C5H12O  | 000071-41-0 | 59   |
| 3    | 1-Pentanol |   |              | 88 | C5H12O  | 000071-41-0 | 59   |
| 4    | 1-Pentene  |   |              | 70 | C5H10   | 000109-67-1 | 58   |
| 5    | 1-Pentene  |   |              | 70 | C5H10   | 000109-67-1 | 58   |



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Instrument :  
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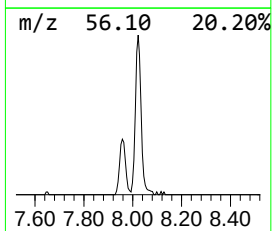
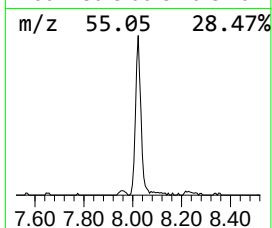
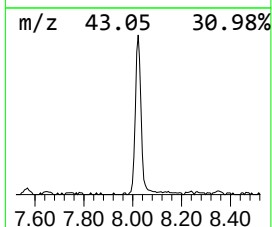
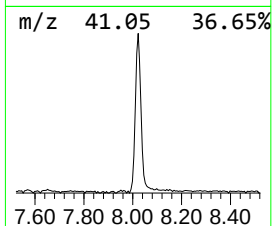
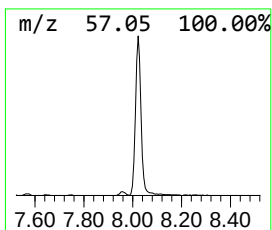
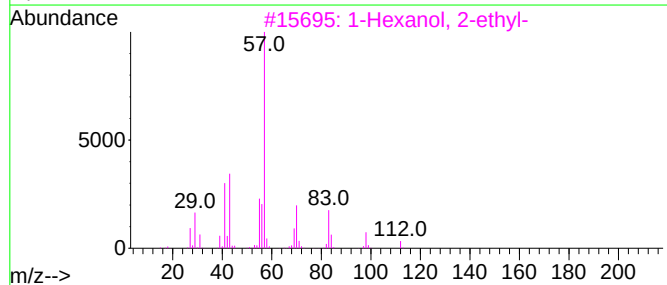
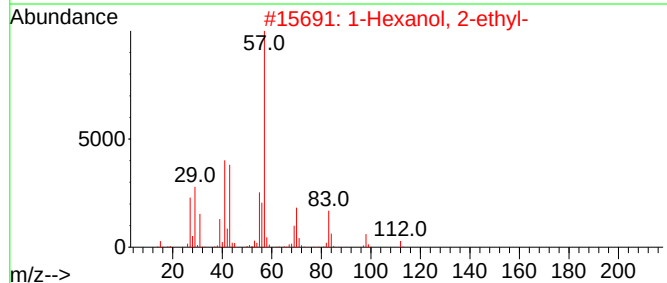
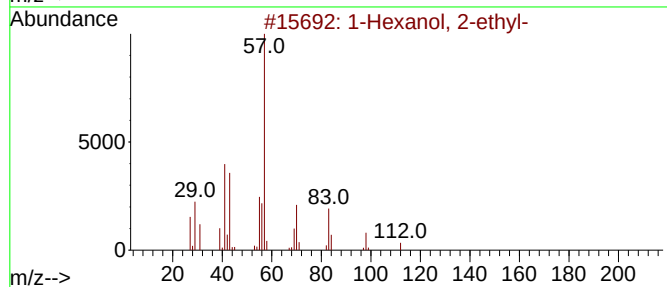
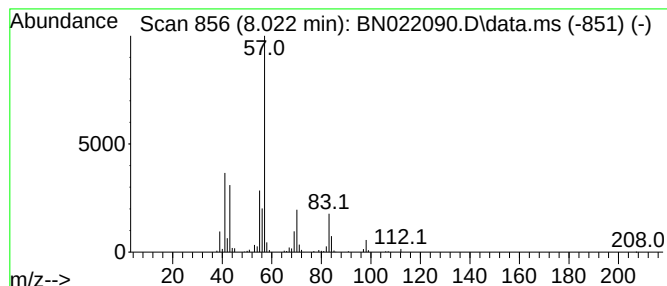
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.022 | 8.82 ng/ul | 265215 | 1,4-Dichlorobenzene-d4 | 7.957 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 2    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 78   |
| 3    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 72   |
| 4    | 1-Hexanol, 2-ethyl-           |   |              | 130 | C8H18O  | 000104-76-7 | 64   |
| 5    | 1-Pentanol, 2-ethyl-4-methyl- |   |              | 130 | C8H18O  | 000106-67-2 | 56   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

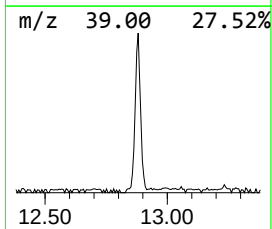
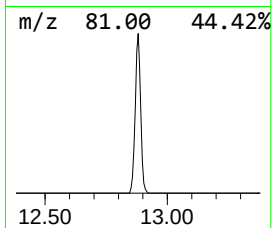
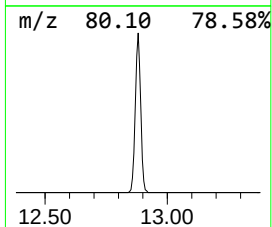
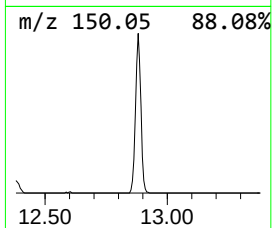
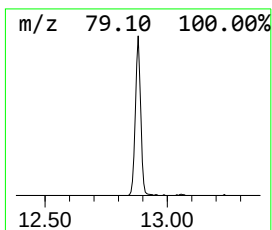
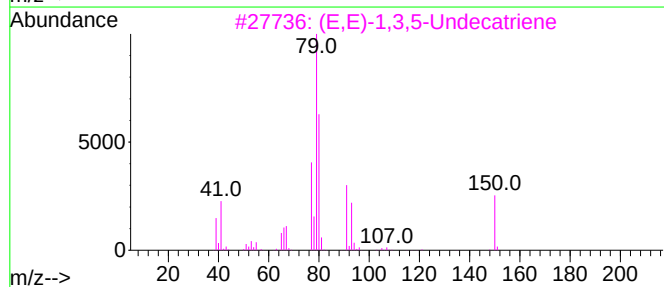
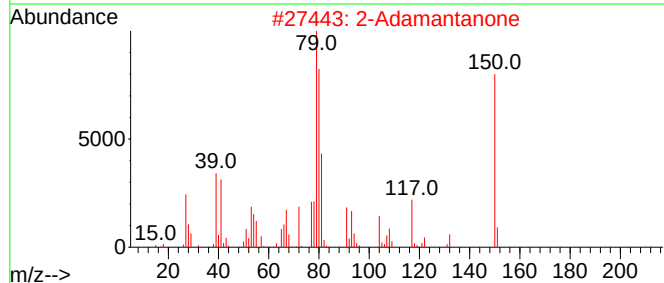
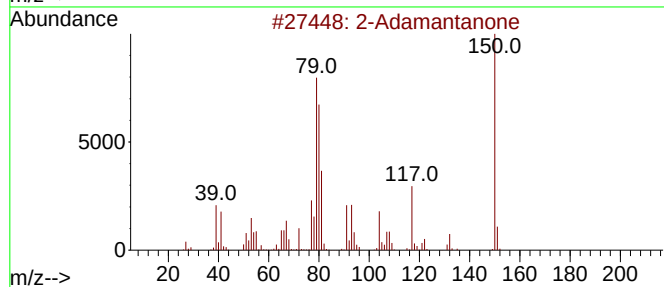
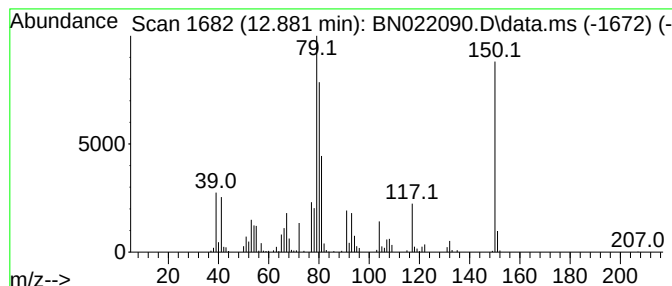
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 2-Adamantanone Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.881 | 5.03 ng/ul | 364218 | Acenaphthene-d10 | 14.633 |

| Hit# | of                           | 5 | Tentative ID | MW  | MolForm | CAS#         | Qual |
|------|------------------------------|---|--------------|-----|---------|--------------|------|
| 1    | 2-Adamantanone               |   |              | 150 | C10H14O | 000700-58-3  | 96   |
| 2    | 2-Adamantanone               |   |              | 150 | C10H14O | 000700-58-3  | 94   |
| 3    | (E,E)-1,3,5-Undecatriene     |   |              | 150 | C11H18  | 019883-29-5  | 72   |
| 4    | Tetrahydrophthalimide        |   |              | 151 | C8H9NO2 | 027813-21-4  | 59   |
| 5    | Tricyclo[4.2.1.0(2,5)]nonane |   |              | 122 | C9H14   | 1000195-06-2 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101422\  
Data File : BN022090.D  
Acq On : 13 Oct 2022 16:15  
Operator : CG/JU  
Sample : N4984-11  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGNM3

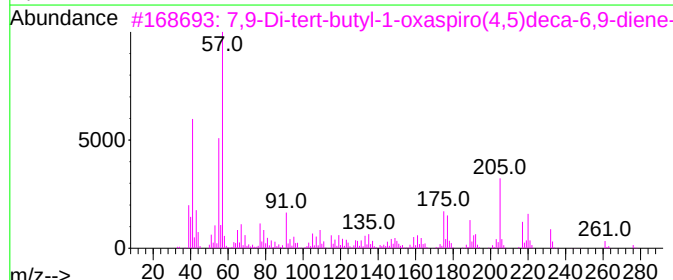
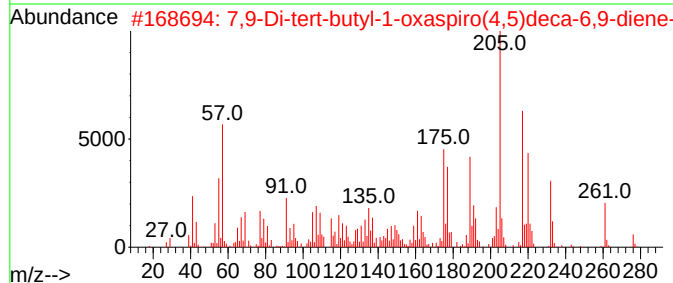
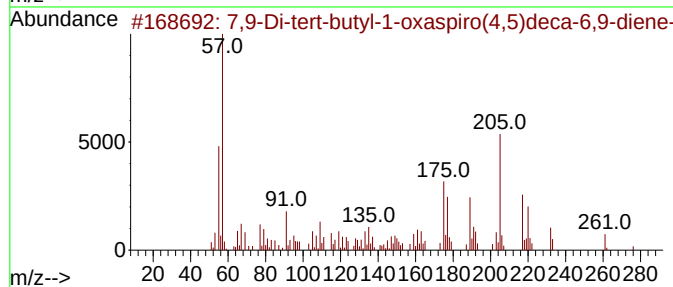
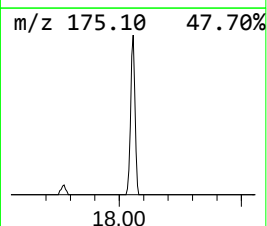
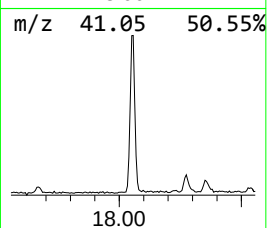
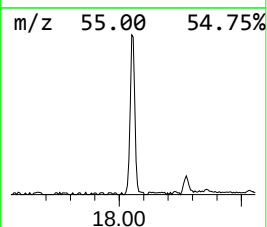
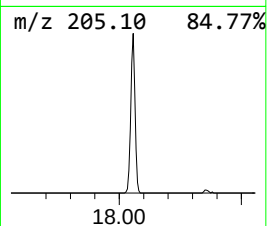
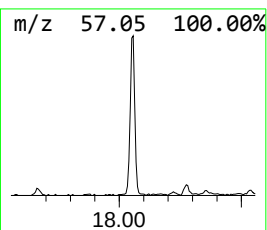
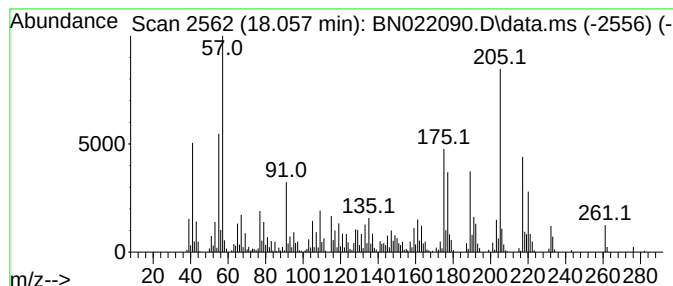
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.057 | 5.26 ng/ul | 470612 | Phenanthrene-d10 | 17.386 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3  | 99      |      |      |
| 2    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3  | 86      |      |      |
| 3    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3  | 60      |      |      |
| 4    | (Z)-((2-Benzylideneheptyl)oxy)tr... | 276 | C17H28O5i    | 1000495-65-9 | 47      |      |      |
| 5    | 1,3,5-Cycloheptatriene, 2,4-di-t... | 232 | C17H28       | 1000160-92-5 | 46      |      |      |



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Instrument :  
BNA\_N  
ClientSampleId :  
BGNM3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN101222.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 |
| 1-Pentanol         | 3.934  | 2.5     | ng/ul | 76793    | 1                     | 7.957  | 601621  | 20.0 |
| 1-Hexanol, 2-et... | 8.022  | 8.8     | ng/ul | 265215   | 1                     | 7.957  | 601621  | 20.0 |
| 2-Adamantanone     | 12.881 | 5.0     | ng/ul | 364218   | 3                     | 14.633 | 1448410 | 20.0 |
| 7,9-Di-tert-but... | 18.057 | 5.3     | ng/ul | 470612   | 4                     | 17.386 | 1790970 | 20.0 |