

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_N\DATA\BN032218\  
 Data File : BN000560.D  
 Acq On : 23 Mar 2018 02:45  
 Operator : JU/SJ  
 Sample : J1905-08DL2 300X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAM43DL2

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 6.349    | 489        | 495      | 502       | rVV2  | 31504       | 49873      | 0.93%        | 0.199%     |
| 2      | 6.855    | 573        | 581      | 586       | rBV   | 39129       | 62837      | 1.17%        | 0.251%     |
| 3      | 7.355    | 662        | 666      | 671       | rVB2  | 23167       | 32059      | 0.60%        | 0.128%     |
| 4      | 7.413    | 671        | 676      | 680       | rBV   | 20838       | 30502      | 0.57%        | 0.122%     |
| 5      | 7.472    | 680        | 686      | 690       | rBV   | 26743       | 40352      | 0.75%        | 0.161%     |
| 6      | 7.525    | 690        | 695      | 702       | rVB3  | 54607       | 90248      | 1.69%        | 0.361%     |
| 7      | 7.608    | 702        | 709      | 711       | rBV   | 18942       | 27795      | 0.52%        | 0.111%     |
| 8      | 7.637    | 711        | 714      | 719       | rVB   | 38010       | 55067      | 1.03%        | 0.220%     |
| 9      | 7.749    | 728        | 733      | 736       | rVV   | 20966       | 37029      | 0.69%        | 0.148%     |
| 10     | 7.802    | 736        | 742      | 750       | rVV2  | 96388       | 175895     | 3.29%        | 0.703%     |
| 11     | 8.002    | 771        | 776      | 780       | rBV   | 107228      | 154785     | 2.89%        | 0.618%     |
| 12     | 8.043    | 780        | 783      | 787       | rVV   | 41409       | 57612      | 1.08%        | 0.230%     |
| 13     | 8.307    | 823        | 828      | 832       | rVV   | 14223       | 29134      | 0.54%        | 0.116%     |
| 14     | 8.360    | 832        | 837      | 840       | rVV   | 26806       | 41748      | 0.78%        | 0.167%     |
| 15     | 8.413    | 840        | 846      | 850       | rVV   | 636977      | 1088159    | 20.34%       | 4.347%     |
| 16     | 8.455    | 850        | 853      | 860       | rVV   | 444984      | 619014     | 11.57%       | 2.473%     |
| 17     | 8.525    | 860        | 865      | 870       | rVV4  | 29948       | 61635      | 1.15%        | 0.246%     |
| 18     | 8.607    | 870        | 879      | 890       | rVV   | 268703      | 483847     | 9.04%        | 1.933%     |
| 19     | 8.843    | 912        | 919      | 929       | rVV2  | 175978      | 357662     | 6.69%        | 1.429%     |
| 20     | 8.919    | 929        | 932      | 935       | rVV2  | 20378       | 31213      | 0.58%        | 0.125%     |
| 21     | 8.984    | 935        | 943      | 949       | rVV5  | 24594       | 78865      | 1.47%        | 0.315%     |
| 22     | 9.049    | 949        | 954      | 963       | rVV3  | 56265       | 95850      | 1.79%        | 0.383%     |
| 23     | 9.160    | 967        | 973      | 977       | rVV   | 25720       | 44867      | 0.84%        | 0.179%     |
| 24     | 9.213    | 977        | 982      | 987       | rVV3  | 16087       | 30592      | 0.57%        | 0.122%     |
| 25     | 9.525    | 1030       | 1035     | 1041      | rVB2  | 36558       | 65445      | 1.22%        | 0.261%     |
| 26     | 9.625    | 1045       | 1052     | 1057      | rBV   | 140434      | 216452     | 4.05%        | 0.865%     |
| 27     | 9.690    | 1057       | 1063     | 1069      | rBV   | 63171       | 108129     | 2.02%        | 0.432%     |
| 28     | 9.778    | 1071       | 1078     | 1084      | rVB9  | 14789       | 36341      | 0.68%        | 0.145%     |
| 29     | 9.843    | 1084       | 1089     | 1098      | rBV3  | 27266       | 63118      | 1.18%        | 0.252%     |
| 30     | 10.202   | 1146       | 1150     | 1155      | rVB   | 45349       | 68663      | 1.28%        | 0.274%     |
| 31     | 10.266   | 1155       | 1161     | 1162      | rBV   | 26077       | 37003      | 0.69%        | 0.148%     |
| 32     | 10.354   | 1171       | 1176     | 1181      | rVB3  | 53051       | 86952      | 1.63%        | 0.347%     |
| 33     | 10.478   | 1190       | 1197     | 1202      | rVB4  | 21142       | 45750      | 0.86%        | 0.183%     |
| 34     | 10.554   | 1204       | 1210     | 1217      | rVB7  | 26991       | 57643      | 1.08%        | 0.230%     |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 10.631 | 1218 | 1223 | 1228 | rBV3 | 20638  | 34048   | 0.64%  | 0.136% |
| 36 | 10.731 | 1235 | 1240 | 1247 | rVB5 | 15026  | 33874   | 0.63%  | 0.135% |
| 37 | 10.901 | 1258 | 1269 | 1278 | rVB5 | 16419  | 37092   | 0.69%  | 0.148% |
| 38 | 11.096 | 1293 | 1302 | 1306 | rBV7 | 12856  | 34751   | 0.65%  | 0.139% |
| 39 | 11.201 | 1306 | 1320 | 1323 | rVV3 | 105738 | 299954  | 5.61%  | 1.198% |
| 40 | 11.254 | 1323 | 1329 | 1337 | rVV  | 871558 | 1579725 | 29.53% | 6.310% |
| 41 | 11.325 | 1337 | 1341 | 1345 | rVV4 | 43916  | 85787   | 1.60%  | 0.343% |
| 42 | 11.366 | 1345 | 1348 | 1353 | rVB3 | 32916  | 52473   | 0.98%  | 0.210% |
| 43 | 11.501 | 1367 | 1371 | 1374 | rBV4 | 17979  | 30929   | 0.58%  | 0.124% |
| 44 | 11.590 | 1380 | 1386 | 1395 | rVB  | 136935 | 219925  | 4.11%  | 0.879% |
| 45 | 11.719 | 1401 | 1408 | 1413 | rVV  | 36282  | 65255   | 1.22%  | 0.261% |
| 46 | 11.825 | 1421 | 1426 | 1435 | rVB6 | 15438  | 33021   | 0.62%  | 0.132% |
| 47 | 11.925 | 1435 | 1443 | 1447 | rBV5 | 17475  | 45659   | 0.85%  | 0.182% |
| 48 | 12.107 | 1468 | 1474 | 1480 | rVV7 | 25790  | 59229   | 1.11%  | 0.237% |
| 49 | 12.166 | 1480 | 1484 | 1488 | rVV2 | 23086  | 36902   | 0.69%  | 0.147% |
| 50 | 12.225 | 1488 | 1494 | 1499 | rVV4 | 29258  | 59473   | 1.11%  | 0.238% |
| 51 | 12.307 | 1504 | 1508 | 1515 | rVB  | 38397  | 59309   | 1.11%  | 0.237% |
| 52 | 12.454 | 1528 | 1533 | 1539 | rVV  | 102419 | 155611  | 2.91%  | 0.622% |
| 53 | 12.607 | 1553 | 1559 | 1563 | rVV  | 64752  | 108965  | 2.04%  | 0.435% |
| 54 | 12.648 | 1563 | 1566 | 1572 | rVV  | 73682  | 102163  | 1.91%  | 0.408% |
| 55 | 12.743 | 1572 | 1582 | 1588 | rVV5 | 28709  | 84784   | 1.58%  | 0.339% |
| 56 | 12.795 | 1588 | 1591 | 1594 | rVV3 | 22665  | 32928   | 0.62%  | 0.132% |
| 57 | 12.848 | 1596 | 1600 | 1603 | rVV  | 36279  | 51321   | 0.96%  | 0.205% |
| 58 | 13.013 | 1624 | 1628 | 1636 | rBV4 | 23592  | 53587   | 1.00%  | 0.214% |
| 59 | 13.243 | 1663 | 1667 | 1671 | rVV5 | 16380  | 34909   | 0.65%  | 0.139% |
| 60 | 13.331 | 1678 | 1682 | 1686 | rVB2 | 19088  | 27568   | 0.52%  | 0.110% |
| 61 | 13.437 | 1695 | 1700 | 1705 | rVB  | 43800  | 64891   | 1.21%  | 0.259% |
| 62 | 13.543 | 1712 | 1718 | 1723 | rBV3 | 27078  | 40113   | 0.75%  | 0.160% |
| 63 | 13.601 | 1723 | 1728 | 1736 | rVB  | 22814  | 41242   | 0.77%  | 0.165% |
| 64 | 13.760 | 1750 | 1755 | 1760 | rVB  | 77945  | 107472  | 2.01%  | 0.429% |
| 65 | 13.825 | 1760 | 1766 | 1777 | rBV  | 76550  | 131430  | 2.46%  | 0.525% |
| 66 | 14.066 | 1800 | 1807 | 1816 | rBV5 | 29040  | 58218   | 1.09%  | 0.233% |
| 67 | 14.366 | 1850 | 1858 | 1863 | rBV8 | 27708  | 66856   | 1.25%  | 0.267% |
| 68 | 14.472 | 1869 | 1876 | 1880 | rBV5 | 27747  | 54152   | 1.01%  | 0.216% |
| 69 | 14.631 | 1898 | 1903 | 1910 | rVB7 | 25180  | 58426   | 1.09%  | 0.233% |
| 70 | 14.731 | 1913 | 1920 | 1925 | rBV  | 26399  | 47413   | 0.89%  | 0.189% |
| 71 | 14.884 | 1941 | 1946 | 1951 | rVB  | 245806 | 319491  | 5.97%  | 1.276% |

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 DAM43DL2

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 72  | 15.031 | 1964 | 1971 | 1985 | rBV2 | 1281825 | 2052094 | 38.36%  | 8.197%  |
| 73  | 15.148 | 1985 | 1991 | 1995 | rBV  | 70711   | 101718  | 1.90%   | 0.406%  |
| 74  | 15.307 | 2013 | 2018 | 2025 | rVB3 | 41054   | 80619   | 1.51%   | 0.322%  |
| 75  | 15.401 | 2030 | 2034 | 2039 | rVB4 | 31863   | 45478   | 0.85%   | 0.182%  |
| 76  | 15.489 | 2045 | 2049 | 2053 | rBV3 | 24547   | 32873   | 0.61%   | 0.131%  |
| 77  | 15.566 | 2056 | 2062 | 2067 | rVV6 | 29948   | 68199   | 1.27%   | 0.272%  |
| 78  | 15.648 | 2067 | 2076 | 2086 | rVV  | 392297  | 645666  | 12.07%  | 2.579%  |
| 79  | 15.760 | 2090 | 2095 | 2100 | rBV  | 94043   | 134345  | 2.51%   | 0.537%  |
| 80  | 15.825 | 2100 | 2106 | 2112 | rVB  | 97469   | 156485  | 2.92%   | 0.625%  |
| 81  | 16.013 | 2134 | 2138 | 2143 | rBV2 | 17772   | 29043   | 0.54%   | 0.116%  |
| 82  | 16.225 | 2167 | 2174 | 2178 | rVV2 | 30837   | 54329   | 1.02%   | 0.217%  |
| 83  | 16.613 | 2236 | 2240 | 2246 | rBV5 | 35501   | 49625   | 0.93%   | 0.198%  |
| 84  | 16.678 | 2246 | 2251 | 2254 | rBV  | 96638   | 138172  | 2.58%   | 0.552%  |
| 85  | 16.819 | 2270 | 2275 | 2281 | rBV4 | 22872   | 37579   | 0.70%   | 0.150%  |
| 86  | 17.042 | 2310 | 2313 | 2316 | rVV4 | 20772   | 29228   | 0.55%   | 0.117%  |
| 87  | 17.407 | 2369 | 2375 | 2382 | rBV  | 3565632 | 5349926 | 100.00% | 21.371% |
| 88  | 17.466 | 2382 | 2385 | 2389 | rVV  | 120487  | 178857  | 3.34%   | 0.714%  |
| 89  | 17.519 | 2390 | 2394 | 2407 | rVB4 | 50876   | 128943  | 2.41%   | 0.515%  |
| 90  | 17.760 | 2428 | 2435 | 2441 | rBV  | 1648797 | 2354807 | 44.02%  | 9.406%  |
| 91  | 17.866 | 2449 | 2453 | 2460 | rVB4 | 17636   | 28434   | 0.53%   | 0.114%  |
| 92  | 18.195 | 2505 | 2509 | 2515 | rVB  | 68713   | 86875   | 1.62%   | 0.347%  |
| 93  | 18.878 | 2620 | 2625 | 2631 | rVB  | 52307   | 63518   | 1.19%   | 0.254%  |
| 94  | 19.495 | 2726 | 2730 | 2732 | rBV  | 47019   | 53508   | 1.00%   | 0.214%  |
| 95  | 20.060 | 2823 | 2826 | 2831 | rVB  | 31933   | 36410   | 0.68%   | 0.145%  |
| 96  | 20.589 | 2912 | 2916 | 2919 | rBV2 | 30594   | 37607   | 0.70%   | 0.150%  |
| 97  | 21.077 | 2996 | 2999 | 3005 | rVB2 | 23384   | 27447   | 0.51%   | 0.110%  |
| 98  | 21.536 | 3074 | 3077 | 3081 | rVB2 | 50880   | 56629   | 1.06%   | 0.226%  |
| 99  | 21.877 | 3130 | 3135 | 3145 | rBV  | 1643100 | 2296265 | 42.92%  | 9.173%  |
| 100 | 24.360 | 3550 | 3557 | 3567 | rVB2 | 833308  | 1708354 | 31.93%  | 6.824%  |

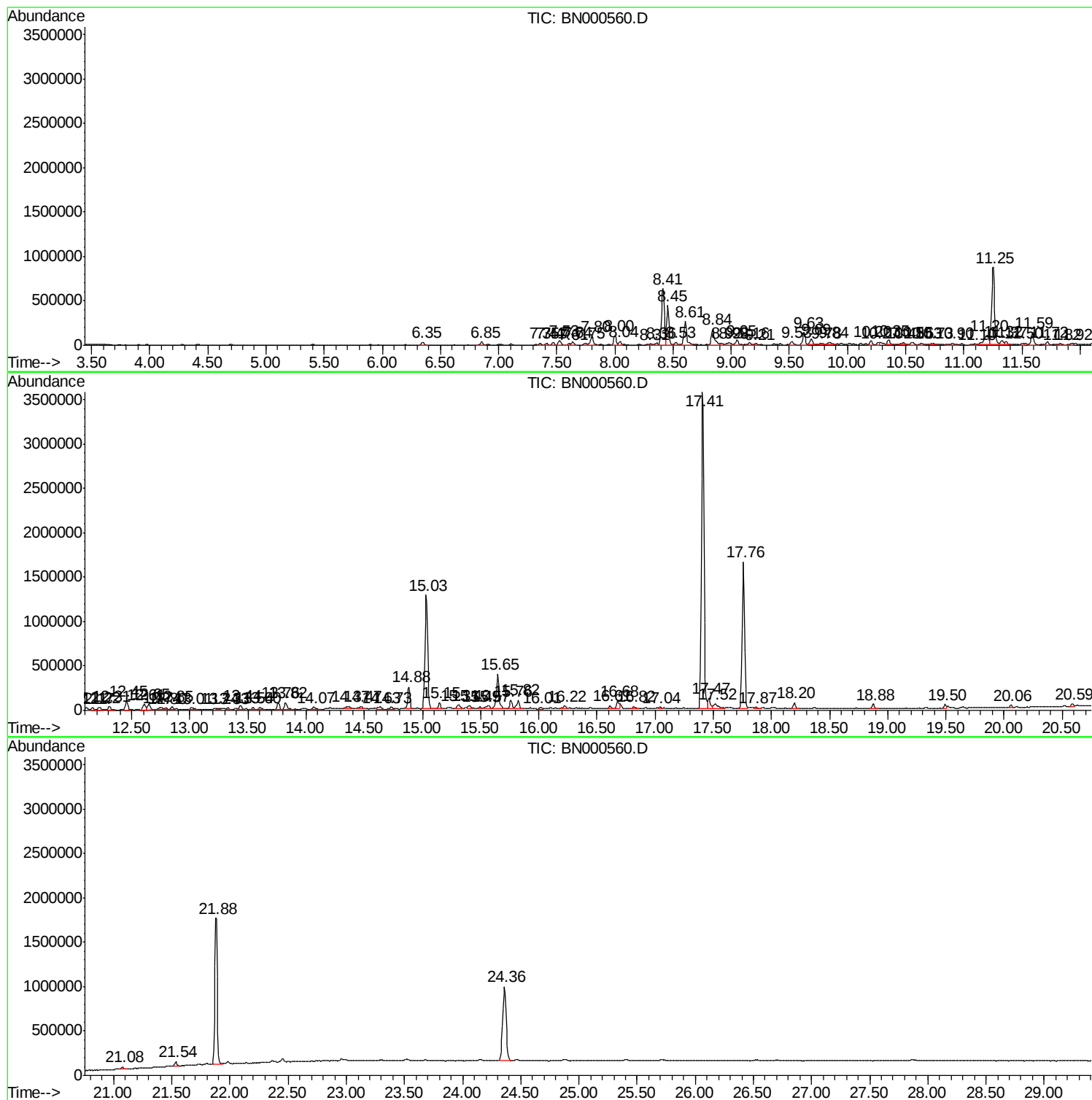
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Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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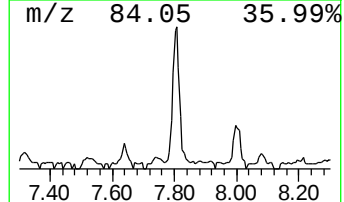
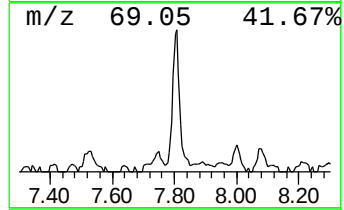
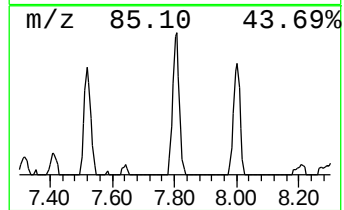
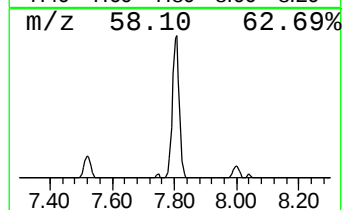
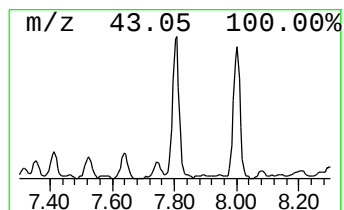
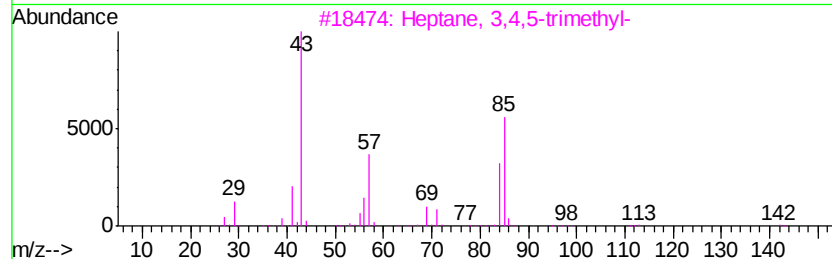
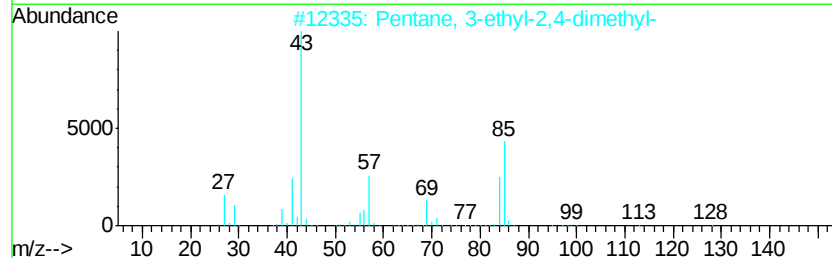
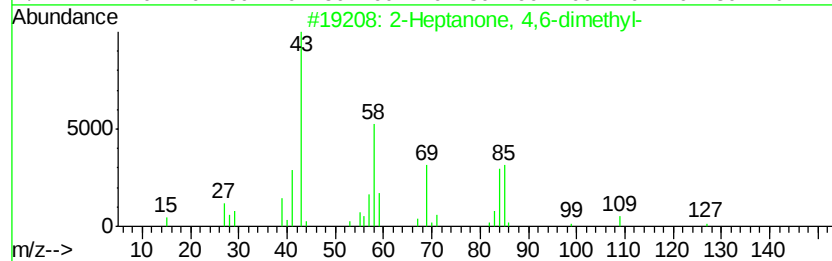
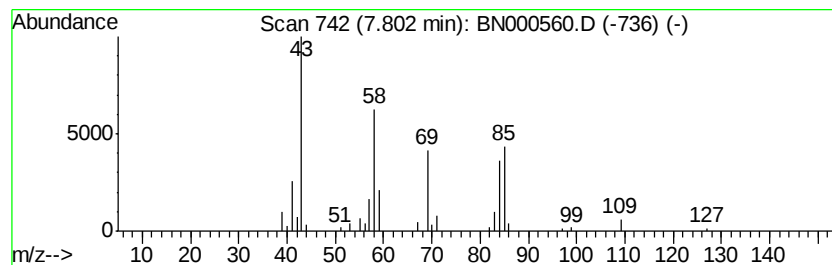
Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Heptanone, 4,6-dimethyl- Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.80 | 3.23 ng/ul | 175895 | 1,4-Dichlorobenzene-d4 | 8.41 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Heptanone, 4,6-dimethyl-     | 142 | C9H18O  | 019549-80-5 | 90   |
| 2    |    |   | Pentane, 3-ethyl-2,4-dimethyl- | 128 | C9H20   | 001068-87-7 | 43   |
| 3    |    |   | Heptane, 3,4,5-trimethyl-      | 142 | C10H22  | 020278-89-1 | 38   |
| 4    |    |   | Pentane, 3-ethyl-2,4-dimethyl- | 128 | C9H20   | 001068-87-7 | 38   |
| 5    |    |   | 2-Pentanone, 3-ethyl-3-methyl- | 128 | C8H16O  | 019780-65-5 | 38   |



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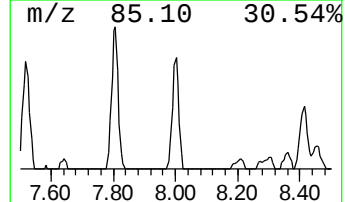
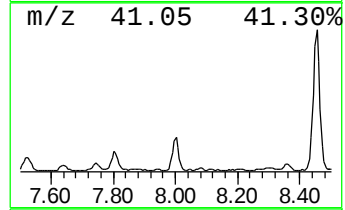
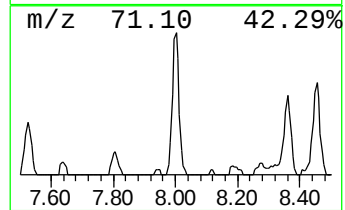
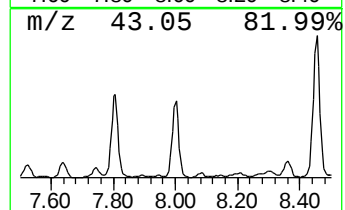
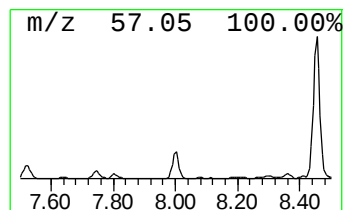
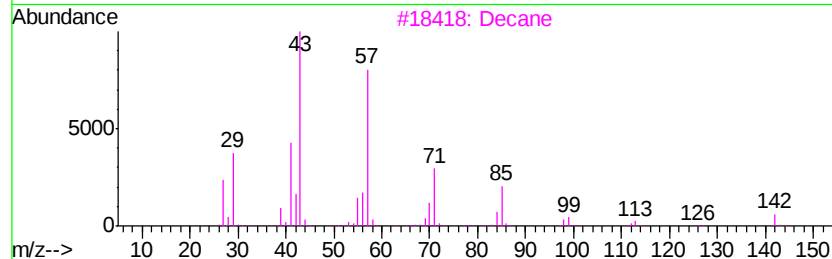
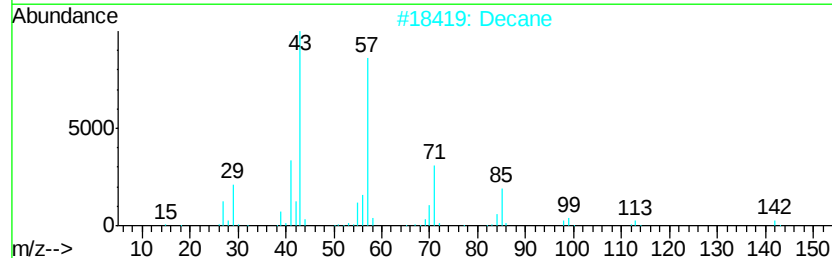
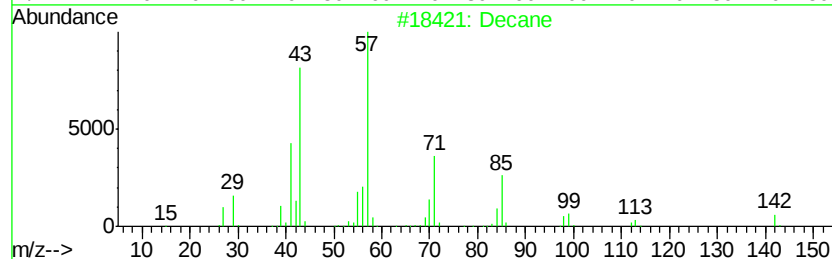
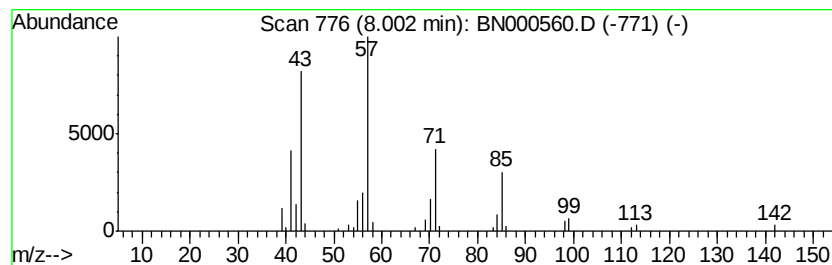
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.00 | 2.84 ng/ul | 154785 | 1,4-Dichlorobenzene-d4 | 8.41 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Decane                 |   |              | 142 | C10H22  | 000124-18-5 | 95   |
| 2    | Decane                 |   |              | 142 | C10H22  | 000124-18-5 | 91   |
| 3    | Decane                 |   |              | 142 | C10H22  | 000124-18-5 | 90   |
| 4    | Pentadecane            |   |              | 212 | C15H32  | 000629-62-9 | 72   |
| 5    | Heptane, 2,4-dimethyl- |   |              | 128 | C9H20   | 002213-23-2 | 72   |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA\_N\DATA\BN032218\  
Data File : BN000560.D  
Acq On : 23 Mar 2018 02:45  
Operator : JU/SJ  
Sample : J1905-08DL2 300X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAM43DL2

Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
Quant Title : SVOA CALIBRATION

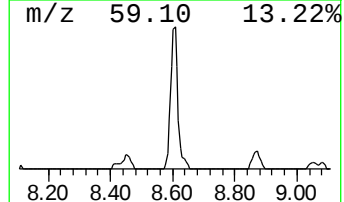
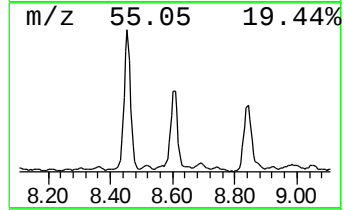
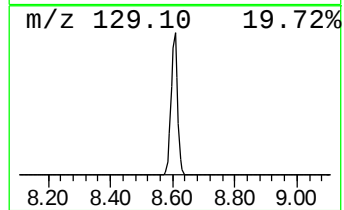
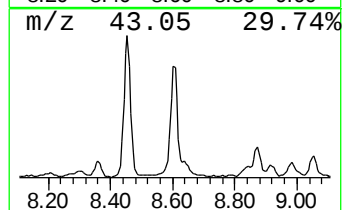
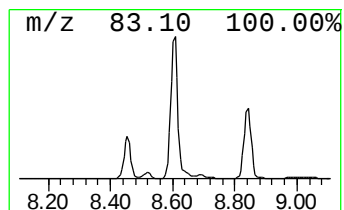
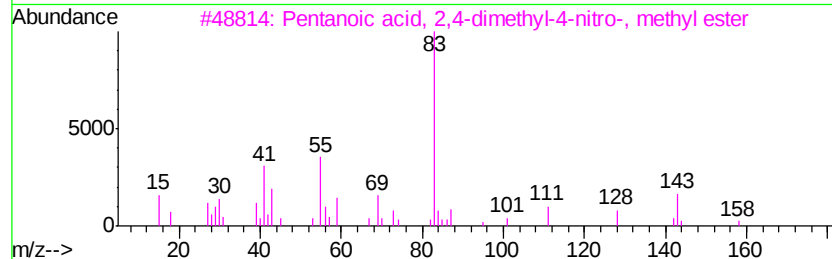
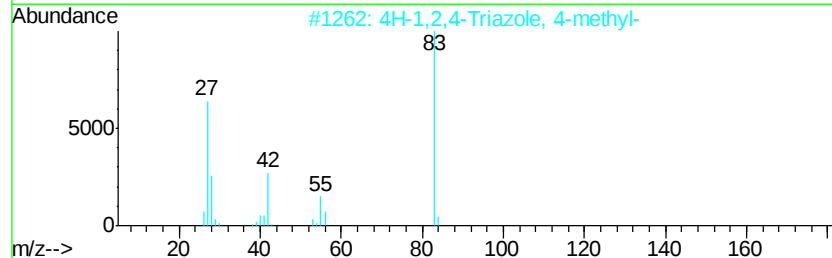
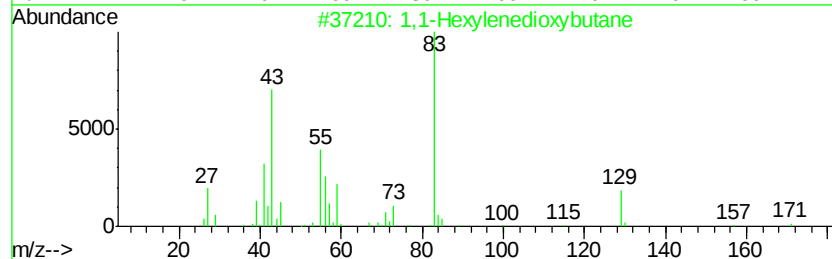
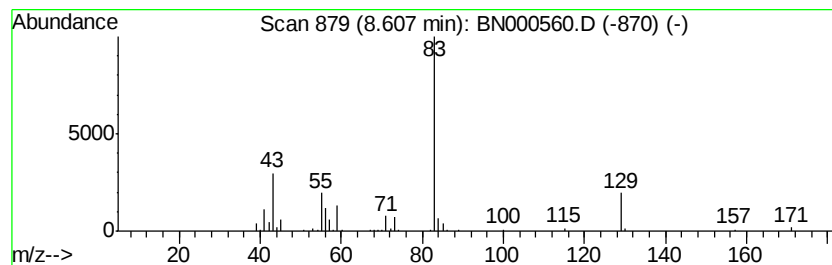
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown-01 Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.61 | 8.89 ng/ul | 483847 | 1,4-Dichlorobenzene-d4 | 8.41 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1,1-Hexylenedioxybutane              | 172 | C10H20O2  | 1000249-77-4 | 47   |
| 2    |    |   | 4H-1,2,4-Triazole, 4-methyl-         | 83  | C3H5N3    | 010570-40-8  | 40   |
| 3    |    |   | Pentanoic acid, 2,4-dimethyl-4-n...  | 189 | C8H15NO4  | 005762-40-3  | 38   |
| 4    |    |   | Bis(2-ethylhexyl) hydrogen phosph... | 306 | C16H35O3P | 003658-48-8  | 9    |
| 5    |    |   | 4-Pentenoic acid, 2,4-dimethyl-,...  | 142 | C8H14O2   | 034998-29-3  | 9    |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA\_N\DATA\BN032218\  
Data File : BN000560.D  
Acq On : 23 Mar 2018 02:45  
Operator : JU/SJ  
Sample : J1905-08DL2 300X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

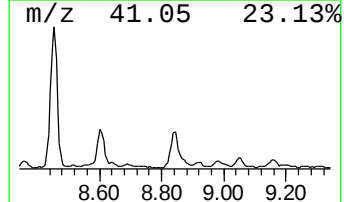
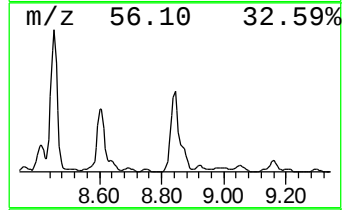
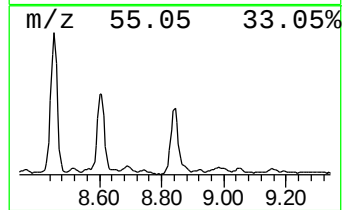
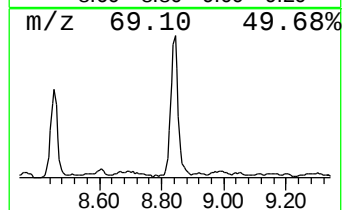
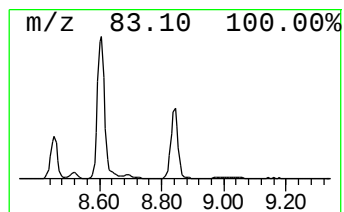
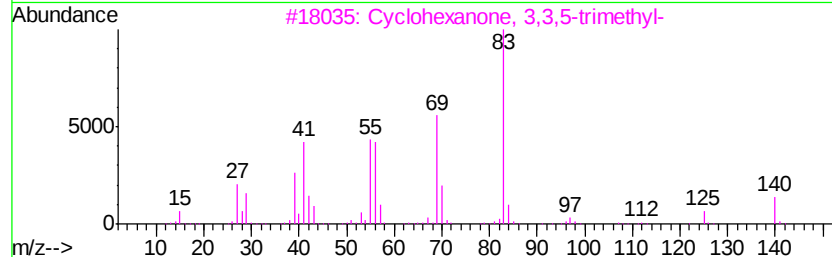
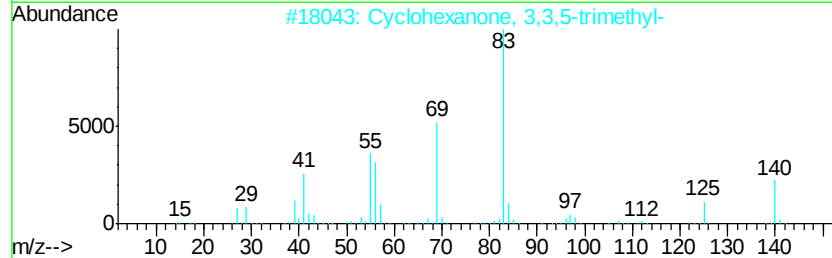
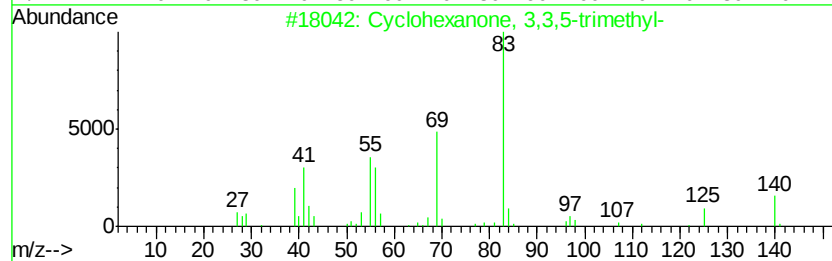
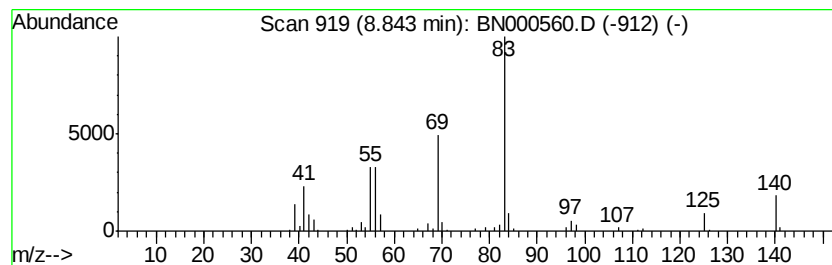
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

| R.T.    | EstConc    | Area                            | Relative to ISTD       | R.T.    |             |      |
|---------|------------|---------------------------------|------------------------|---------|-------------|------|
| 8.84    | 6.57 ng/ul | 357662                          | 1,4-Dichlorobenzene-d4 | 8.41    |             |      |
| Hit# of | 5          | Tentative ID                    | MW                     | MolForm | CAS#        | Qual |
| 1       |            | Cyclohexanone, 3,3,5-trimethyl- | 140                    | C9H16O  | 000873-94-9 | 97   |
| 2       |            | Cyclohexanone, 3,3,5-trimethyl- | 140                    | C9H16O  | 000873-94-9 | 96   |
| 3       |            | Cyclohexanone, 3,3,5-trimethyl- | 140                    | C9H16O  | 000873-94-9 | 91   |
| 4       |            | Cyclohexane, butyl-             | 140                    | C10H20  | 001678-93-9 | 59   |
| 5       |            | 1-Methyl-1H-1,2,4-triazole      | 83                     | C3H5N3  | 006086-21-1 | 53   |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA\_N\DATA\BN032218\  
Data File : BN000560.D  
Acq On : 23 Mar 2018 02:45  
Operator : JU/SJ  
Sample : J1905-08DL2 300X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
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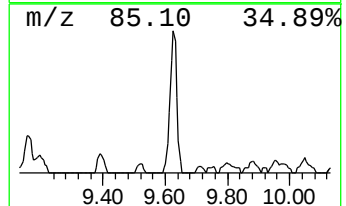
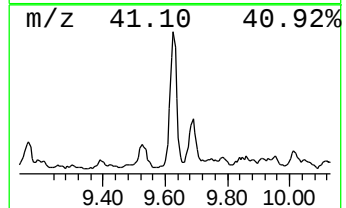
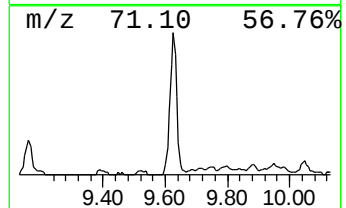
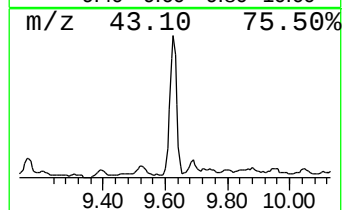
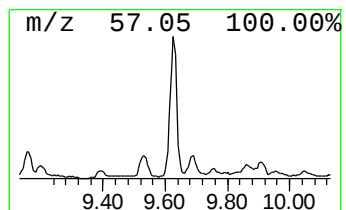
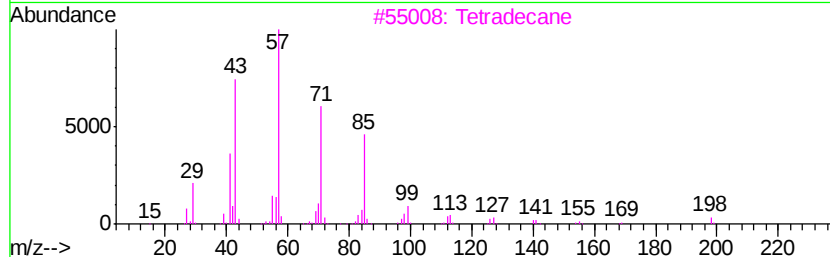
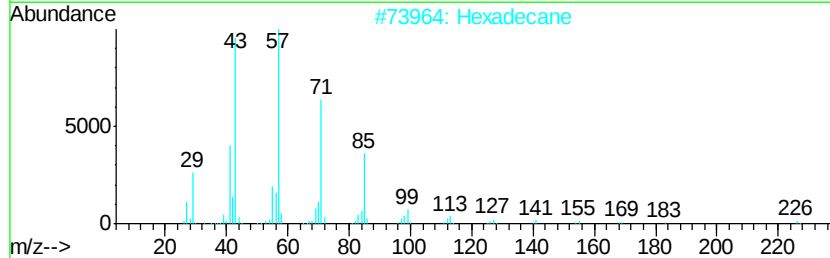
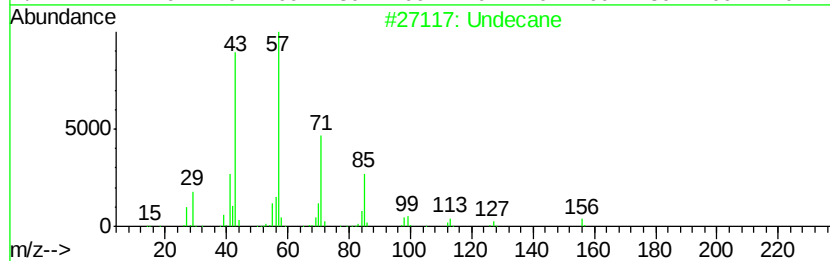
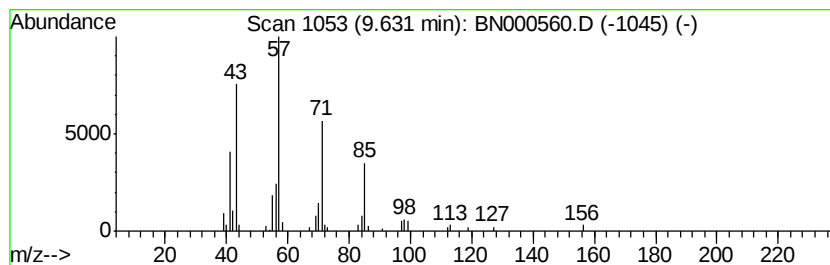
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 9.63 | 3.98 ng/ul | 216452 | 1,4-Dichlorobenzene-d4 | 8.41 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Undecane              | 156 | C11H24  | 001120-21-4 | 87   |
| 2    |    | Hexadecane            | 226 | C16H34  | 000544-76-3 | 80   |
| 3    |    | Tetradecane           | 198 | C14H30  | 000629-59-4 | 72   |
| 4    |    | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 72   |
| 5    |    | Hexadecane            | 226 | C16H34  | 000544-76-3 | 64   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_N\DATA\BN032218\  
Data File : BN000560.D  
Acq On : 23 Mar 2018 02:45  
Operator : JU/SJ  
Sample : J1905-08DL2 300X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAM43DL2

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Quant Title : SVOA CALIBRATION

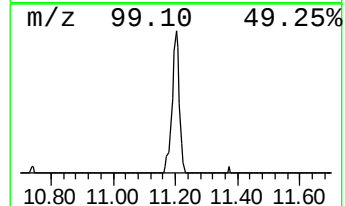
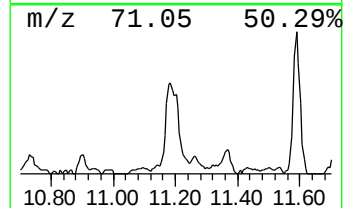
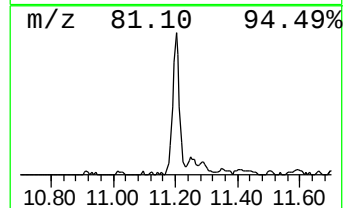
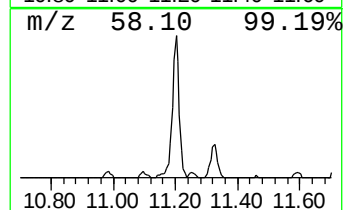
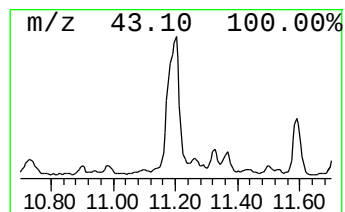
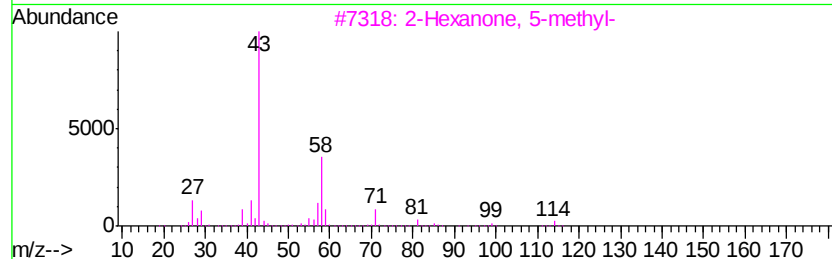
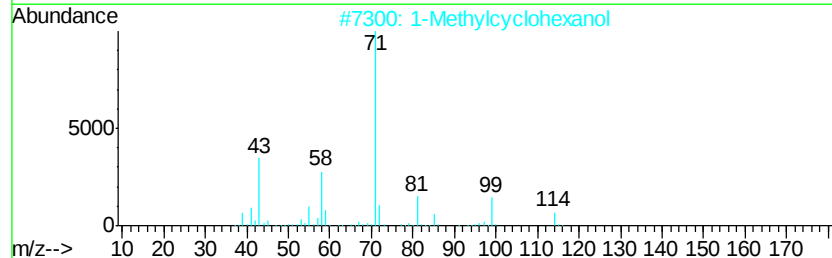
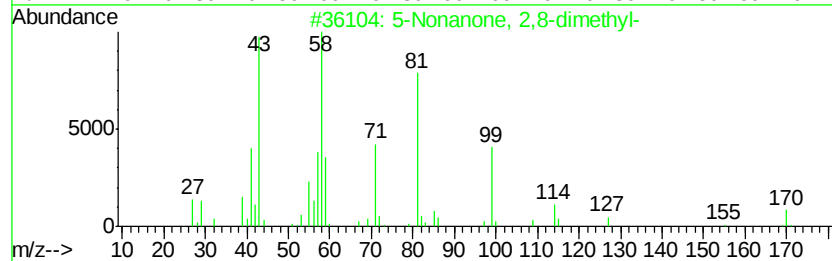
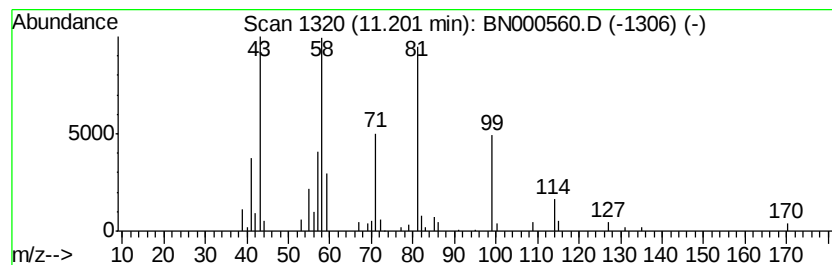
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown-02 Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.20 | 3.80 ng/ul | 299954 | Naphthalene-d8   | 11.25 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#        | Qual |
|------|----|------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 5-Nonanone, 2,8-dimethyl-    | 170 | C11H22O   | 002050-99-9 | 43   |
| 2    |    | 1-Methylcyclohexanol         | 114 | C7H14O    | 000590-67-0 | 38   |
| 3    |    | 2-Hexanone, 5-methyl-        | 114 | C7H14O    | 000110-12-3 | 38   |
| 4    |    | (Trimethylsilyl)diazomethane | 114 | C4H10N2Si | 018107-18-1 | 35   |
| 5    |    | 2-Nonanone                   | 142 | C9H18O    | 000821-55-6 | 35   |



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Data File : BN000560.D  
Acq On : 23 Mar 2018 02:45  
Operator : JU/SJ  
Sample : J1905-08DL2 300X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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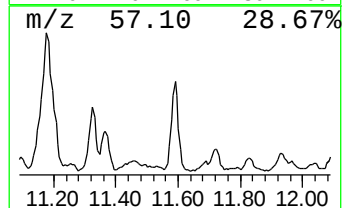
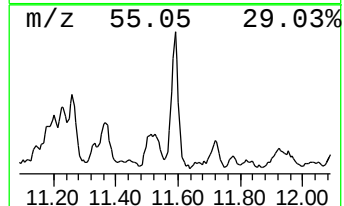
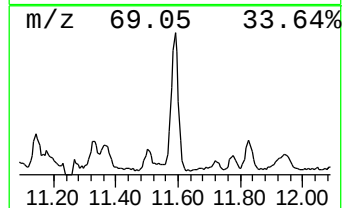
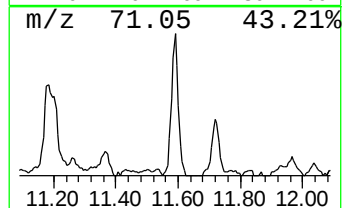
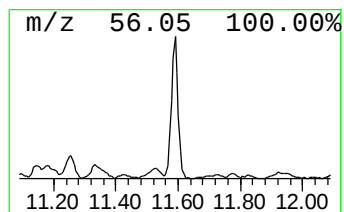
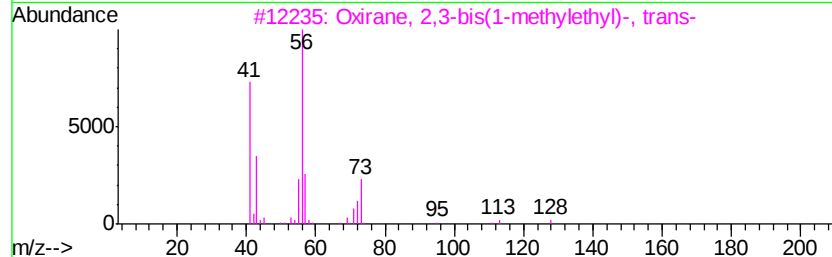
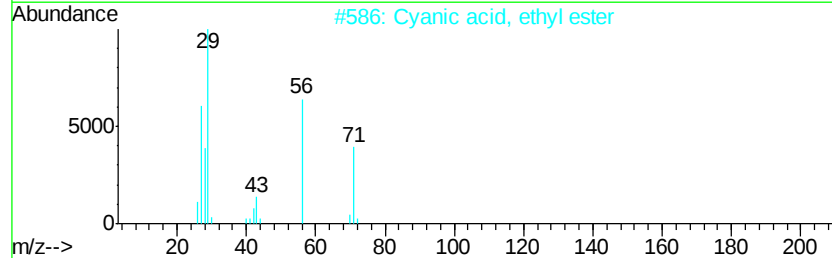
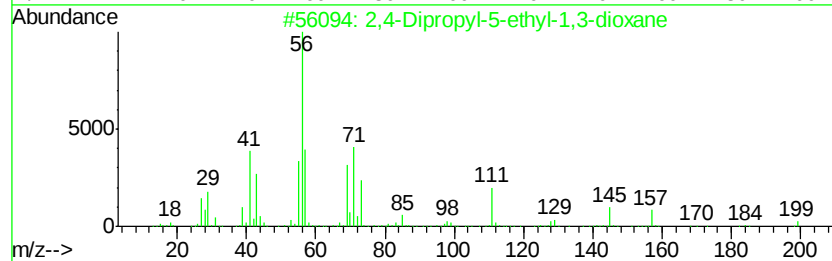
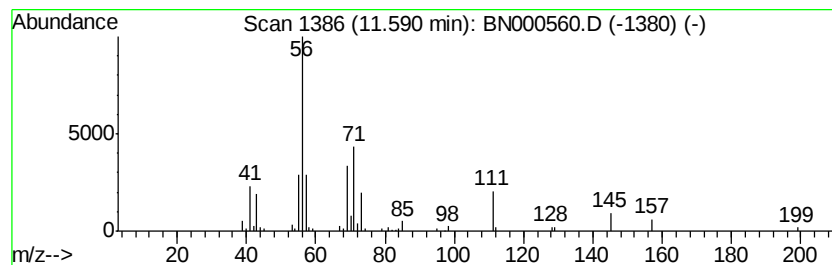
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown-03 Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.59 | 2.78 ng/ul | 219925 | Naphthalene-d8   | 11.25 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,4-Dipropyl-5-ethyl-1,3-dioxane    | 200 | C12H24O2     | 006413-83-8 | 43      |      |      |
| 2    | Cyanoic acid, ethyl ester           | 71  | C3H5NO       | 000627-48-5 | 40      |      |      |
| 3    | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O       | 054644-32-5 | 37      |      |      |
| 4    | 1,3-Pentanediol, 2,2,4-trimethyl-   | 146 | C8H18O2      | 000144-19-4 | 28      |      |      |
| 5    | Decane, 4-methylene-                | 154 | C11H22       | 024949-41-5 | 17      |      |      |



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Data File : BN000560.D  
Acq On : 23 Mar 2018 02:45  
Operator : JU/SJ  
Sample : J1905-08DL2 300X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAM43DL2

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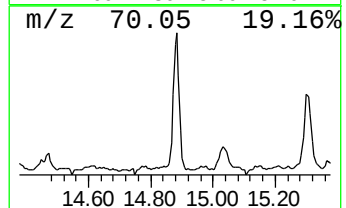
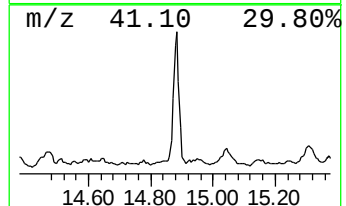
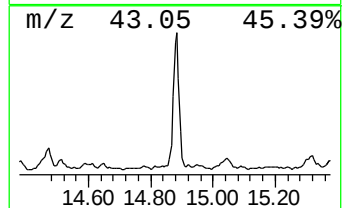
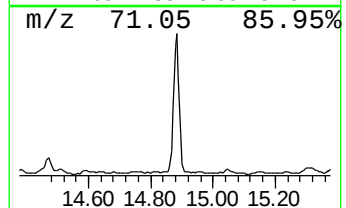
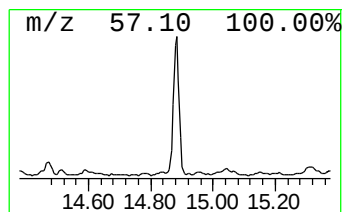
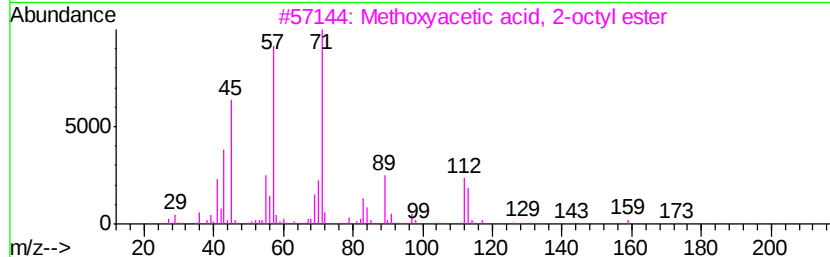
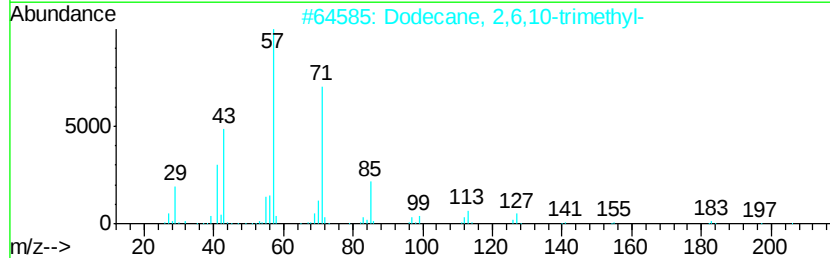
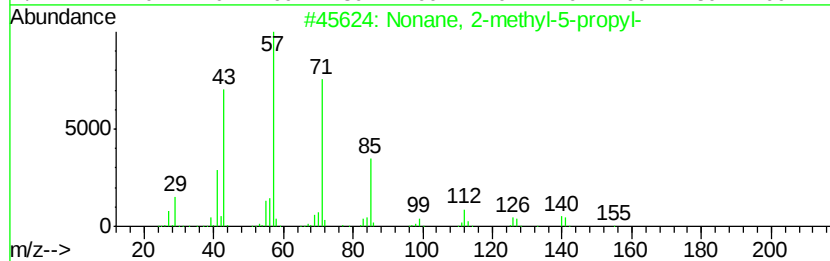
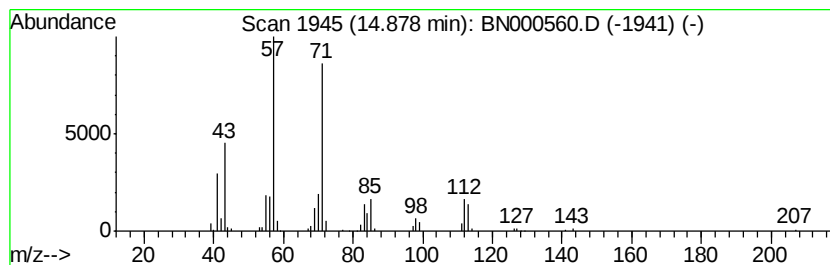
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.88 | 3.11 ng/ul | 319491 | Acenaphthene-d10 | 15.03 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|----------|--------------|------|
| 1    |    |   | Nonane, 2-methyl-5-propyl-        | 184 | C13H28   | 031081-17-1  | 59   |
| 2    |    |   | Dodecane, 2,6,10-trimethyl-       | 212 | C15H32   | 003891-98-3  | 59   |
| 3    |    |   | Methoxyacetic acid, 2-octyl ester | 202 | C11H22O3 | 1000282-69-6 | 59   |
| 4    |    |   | Eicosane, 10-methyl-              | 296 | C21H44   | 054833-23-7  | 59   |
| 5    |    |   | Heptane, 3,3,5-trimethyl-         | 142 | C10H22   | 007154-80-5  | 53   |



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_N\DATA\BN032218\  
Data File : BN000560.D  
Acq On : 23 Mar 2018 02:45  
Operator : JU/SJ  
Sample : J1905-08DL2 300X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DAM43DL2

Quant Method : Z:\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN031918.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Heptanone, 4,6-... | 7.80  | 3.2     | ng/ul | 175895   | 1                     | 8.41  | 1088160 | 20.0 |
| (DEL) Alkane: Str... | 8.00  | 2.8     | ng/ul | 154785   | 1                     | 8.41  | 1088160 | 20.0 |
| unknown-01           | 8.61  | 8.9     | ng/ul | 483847   | 1                     | 8.41  | 1088160 | 20.0 |
| Cyclohexanone, 3,... | 8.84  | 6.6     | ng/ul | 357662   | 1                     | 8.41  | 1088160 | 20.0 |
| (DEL) Alkane: Str... | 9.63  | 4.0     | ng/ul | 216452   | 1                     | 8.41  | 1088160 | 20.0 |
| unknown-02           | 11.20 | 3.8     | ng/ul | 299954   | 2                     | 11.25 | 1579730 | 20.0 |
| unknown-03           | 11.59 | 2.8     | ng/ul | 219925   | 2                     | 11.25 | 1579730 | 20.0 |
| (DEL) Alkane: Str... | 14.88 | 3.1     | ng/ul | 319491   | 3                     | 15.03 | 2052090 | 20.0 |