

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
 Data File : BN030899.D  
 Acq On : 14 Apr 2024 03:54  
 Operator : MA/JU  
 Sample : P2050-15  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0R85

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-BN032824.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN030899.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         | 3.175       | 28            | 32          | 36           | rBV      | 31588          | 41051         | 0.51%           | 0.052%        |
| 2         | 3.457       | 77            | 80          | 86           | rBV5     | 6830           | 13122         | 0.16%           | 0.017%        |
| 3         | 3.587       | 99            | 102         | 122          | rBV      | 187578         | 327333        | 4.08%           | 0.412%        |
| 4         | 3.904       | 152           | 156         | 159          | rBV2     | 9219           | 13879         | 0.17%           | 0.017%        |
| 5         | 4.352       | 226           | 232         | 237          | rBV5     | 9826           | 21656         | 0.27%           | 0.027%        |
| 6         | 5.228       | 378           | 381         | 386          | rVB      | 12227          | 18465         | 0.23%           | 0.023%        |
| 7         | 5.740       | 464           | 468         | 477          | rVB6     | 12408          | 24102         | 0.30%           | 0.030%        |
| 8         | 6.657       | 618           | 624         | 629          | rBV6     | 8603           | 16759         | 0.21%           | 0.021%        |
| 9         | 6.834       | 640           | 654         | 666          | rBV      | 202020         | 385801        | 4.80%           | 0.486%        |
| 10        | 7.004       | 677           | 683         | 695          | rVB      | 846142         | 1338980       | 16.67%          | 1.687%        |
| 11        | 7.198       | 707           | 716         | 725          | rBV      | 785117         | 1240731       | 15.45%          | 1.563%        |
| 12        | 7.663       | 788           | 795         | 801          | rBV      | 772447         | 1234359       | 15.37%          | 1.555%        |
| 13        | 7.728       | 801           | 806         | 815          | rVB      | 137485         | 215194        | 2.68%           | 0.271%        |
| 14        | 7.910       | 829           | 837         | 840          | rBV8     | 8969           | 21741         | 0.27%           | 0.027%        |
| 15        | 7.945       | 840           | 843         | 848          | rVB4     | 6953           | 12064         | 0.15%           | 0.015%        |
| 16        | 8.069       | 859           | 864         | 867          | rBV5     | 7871           | 14329         | 0.18%           | 0.018%        |
| 17        | 8.281       | 895           | 900         | 905          | rVV      | 24163          | 36500         | 0.45%           | 0.046%        |
| 18        | 8.369       | 908           | 915         | 928          | rVV      | 600321         | 987849        | 12.30%          | 1.244%        |
| 19        | 8.481       | 931           | 934         | 942          | rVB      | 30482          | 49669         | 0.62%           | 0.063%        |
| 20        | 8.757       | 974           | 981         | 986          | rBV      | 277874         | 457734        | 5.70%           | 0.577%        |
| 21        | 8.822       | 986           | 992         | 997          | rVV      | 1009370        | 1684226       | 20.97%          | 2.122%        |
| 22        | 8.863       | 997           | 999         | 1007         | rVV      | 61089          | 99820         | 1.24%           | 0.126%        |
| 23        | 8.922       | 1007          | 1009        | 1014         | rVV6     | 9726           | 15742         | 0.20%           | 0.020%        |
| 24        | 8.981       | 1014          | 1019        | 1025         | rVB6     | 16865          | 32770         | 0.41%           | 0.041%        |
| 25        | 9.216       | 1053          | 1059        | 1066         | rBV2     | 44482          | 77562         | 0.97%           | 0.098%        |
| 26        | 9.534       | 1102          | 1113        | 1129         | rBV      | 785906         | 1308188       | 16.29%          | 1.648%        |
| 27        | 9.757       | 1147          | 1151        | 1155         | rBV6     | 10667          | 18986         | 0.24%           | 0.024%        |
| 28        | 9.945       | 1178          | 1183        | 1193         | rVB      | 16395          | 35809         | 0.45%           | 0.045%        |
| 29        | 10.069      | 1196          | 1204        | 1214         | rBV      | 1170207        | 1993059       | 24.82%          | 2.511%        |
| 30        | 10.228      | 1225          | 1231        | 1236         | rVB10    | 8683           | 18172         | 0.23%           | 0.023%        |
| 31        | 10.357      | 1246          | 1253        | 1261         | rVV      | 117281         | 222373        | 2.77%           | 0.280%        |
| 32        | 10.445      | 1261          | 1268        | 1274         | rVV      | 1134978        | 1897658       | 23.63%          | 2.391%        |
| 33        | 10.504      | 1274          | 1278        | 1284         | rVV3     | 43320          | 69005         | 0.86%           | 0.087%        |
| 34        | 10.586      | 1284          | 1292        | 1303         | rVV      | 1172021        | 2000834       | 24.91%          | 2.521%        |
| 35        | 10.669      | 1303          | 1306        | 1317         | rVB6     | 8994           | 22046         | 0.27%           | 0.028%        |
| 36        | 11.045      | 1365          | 1370        | 1374         | rBV5     | 7303           | 13020         | 0.16%           | 0.016%        |

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 ClientSampleId :  
 C0R85

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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-BN032824.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 11.098 | 1374 | 1379 | 1387 | rVB2 | 28493   | 54210   | 0.67%  | 0.068% |
| 38 | 11.234 | 1397 | 1402 | 1413 | rVB6 | 25220   | 54185   | 0.67%  | 0.068% |
| 39 | 11.345 | 1413 | 1421 | 1425 | rVB7 | 6773    | 13806   | 0.17%  | 0.017% |
| 40 | 11.428 | 1430 | 1435 | 1440 | rBV8 | 8784    | 14712   | 0.18%  | 0.019% |
| 41 | 11.616 | 1461 | 1467 | 1478 | rBV3 | 28483   | 65384   | 0.81%  | 0.082% |
| 42 | 11.733 | 1478 | 1487 | 1497 | rVV2 | 160009  | 292099  | 3.64%  | 0.368% |
| 43 | 12.039 | 1533 | 1539 | 1546 | rVB3 | 29356   | 52588   | 0.65%  | 0.066% |
| 44 | 12.504 | 1613 | 1618 | 1622 | rVV6 | 7853    | 13703   | 0.17%  | 0.017% |
| 45 | 12.657 | 1639 | 1644 | 1650 | rVV6 | 11246   | 21782   | 0.27%  | 0.027% |
| 46 | 12.757 | 1656 | 1661 | 1666 | rBV  | 8068    | 14676   | 0.18%  | 0.018% |
| 47 | 12.910 | 1682 | 1687 | 1691 | rBV4 | 14588   | 22145   | 0.28%  | 0.028% |
| 48 | 13.228 | 1732 | 1741 | 1755 | rBV  | 817478  | 1242524 | 15.47% | 1.565% |
| 49 | 13.345 | 1757 | 1761 | 1769 | rVV  | 52224   | 80298   | 1.00%  | 0.101% |
| 50 | 13.722 | 1819 | 1825 | 1832 | rBV  | 2308637 | 3199356 | 39.84% | 4.031% |
| 51 | 13.998 | 1862 | 1872 | 1879 | rBV  | 2844528 | 4135648 | 51.50% | 5.210% |
| 52 | 14.051 | 1879 | 1881 | 1885 | rVV2 | 15184   | 19777   | 0.25%  | 0.025% |
| 53 | 14.098 | 1886 | 1889 | 1894 | rVB4 | 13395   | 20536   | 0.26%  | 0.026% |
| 54 | 14.175 | 1894 | 1902 | 1906 | rBV  | 40554   | 68441   | 0.85%  | 0.086% |
| 55 | 14.310 | 1918 | 1925 | 1935 | rVB  | 1753816 | 2642389 | 32.90% | 3.329% |
| 56 | 14.392 | 1935 | 1939 | 1945 | rVB4 | 24385   | 35676   | 0.44%  | 0.045% |
| 57 | 14.516 | 1954 | 1960 | 1967 | rBV  | 159549  | 276588  | 3.44%  | 0.348% |
| 58 | 14.733 | 1991 | 1997 | 2000 | rBV7 | 10347   | 19389   | 0.24%  | 0.024% |
| 59 | 14.986 | 2031 | 2040 | 2047 | rBV  | 59328   | 109909  | 1.37%  | 0.138% |
| 60 | 15.116 | 2057 | 2062 | 2069 | rBV4 | 25882   | 61612   | 0.77%  | 0.078% |
| 61 | 15.304 | 2087 | 2094 | 2107 | rBV  | 3490687 | 5117907 | 63.73% | 6.447% |
| 62 | 15.422 | 2107 | 2114 | 2128 | rVV  | 838936  | 1168117 | 14.54% | 1.472% |
| 63 | 15.539 | 2130 | 2134 | 2139 | rVV2 | 23396   | 41453   | 0.52%  | 0.052% |
| 64 | 15.674 | 2153 | 2157 | 2163 | rBV  | 43566   | 59672   | 0.74%  | 0.075% |
| 65 | 15.780 | 2173 | 2175 | 2182 | rVB8 | 6954    | 11944   | 0.15%  | 0.015% |
| 66 | 15.880 | 2187 | 2192 | 2197 | rVV8 | 16974   | 27699   | 0.34%  | 0.035% |
| 67 | 16.027 | 2215 | 2217 | 2224 | rVV3 | 19390   | 33374   | 0.42%  | 0.042% |
| 68 | 16.086 | 2224 | 2227 | 2233 | rVB4 | 16187   | 23760   | 0.30%  | 0.030% |
| 69 | 16.733 | 2333 | 2337 | 2341 | rVB5 | 8123    | 14155   | 0.18%  | 0.018% |
| 70 | 16.821 | 2349 | 2352 | 2359 | rBV2 | 25871   | 43308   | 0.54%  | 0.055% |
| 71 | 17.057 | 2384 | 2392 | 2402 | rVV  | 2416673 | 3306286 | 41.17% | 4.165% |
| 72 | 17.157 | 2402 | 2409 | 2421 | rVV2 | 4114978 | 5902782 | 73.50% | 7.436% |
| 73 | 17.351 | 2438 | 2442 | 2448 | rVB  | 38158   | 54614   | 0.68%  | 0.069% |
| 74 | 17.563 | 2474 | 2478 | 2481 | rVB2 | 20571   | 24171   | 0.30%  | 0.030% |
| 75 | 17.733 | 2501 | 2507 | 2512 | rBV  | 829581  | 1058209 | 13.18% | 1.333% |
| 76 | 17.898 | 2531 | 2535 | 2539 | rBV3 | 22045   | 35068   | 0.44%  | 0.044% |

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Instrument :  
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 ClientSampleId :  
 C0R85

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-BN032824.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 17.957 | 2540 | 2545 | 2551 | rVV  | 78656   | 131145  | 1.63%   | 0.165%  |
| 78  | 18.033 | 2554 | 2558 | 2565 | rVB  | 31447   | 58542   | 0.73%   | 0.074%  |
| 79  | 18.163 | 2577 | 2580 | 2585 | rBV  | 30418   | 40207   | 0.50%   | 0.051%  |
| 80  | 18.210 | 2585 | 2588 | 2592 | rVB4 | 22512   | 27648   | 0.34%   | 0.035%  |
| 81  | 18.257 | 2592 | 2596 | 2599 | rBV3 | 21097   | 28584   | 0.36%   | 0.036%  |
| 82  | 18.298 | 2599 | 2603 | 2606 | rBV6 | 7875    | 13329   | 0.17%   | 0.017%  |
| 83  | 18.892 | 2701 | 2704 | 2710 | rBV4 | 21030   | 25933   | 0.32%   | 0.033%  |
| 84  | 19.021 | 2721 | 2726 | 2730 | rVB  | 63448   | 87029   | 1.08%   | 0.110%  |
| 85  | 19.092 | 2733 | 2738 | 2742 | rVV  | 56650   | 87956   | 1.10%   | 0.111%  |
| 86  | 19.157 | 2746 | 2749 | 2755 | rVB7 | 14138   | 27885   | 0.35%   | 0.035%  |
| 87  | 19.245 | 2760 | 2764 | 2775 | rVV4 | 59637   | 111104  | 1.38%   | 0.140%  |
| 88  | 19.398 | 2787 | 2790 | 2794 | rBV6 | 10190   | 16260   | 0.20%   | 0.020%  |
| 89  | 19.457 | 2794 | 2800 | 2807 | rBV2 | 5342585 | 7340111 | 91.40%  | 9.247%  |
| 90  | 19.698 | 2838 | 2841 | 2845 | rVB4 | 29141   | 36884   | 0.46%   | 0.046%  |
| 91  | 20.680 | 3006 | 3008 | 3014 | rVB  | 62473   | 71048   | 0.88%   | 0.090%  |
| 92  | 21.292 | 3106 | 3112 | 3122 | rBV  | 3019143 | 4338241 | 54.02%  | 5.465%  |
| 93  | 21.974 | 3223 | 3228 | 3236 | rBV2 | 443474  | 734645  | 9.15%   | 0.925%  |
| 94  | 22.751 | 3354 | 3360 | 3370 | rVB2 | 692581  | 1273773 | 15.86%  | 1.605%  |
| 95  | 23.668 | 3509 | 3516 | 3528 | rVB2 | 722177  | 1661807 | 20.69%  | 2.094%  |
| 96  | 24.015 | 3565 | 3575 | 3588 | rBV2 | 3330391 | 8031116 | 100.00% | 10.118% |
| 97  | 24.215 | 3600 | 3609 | 3624 | rVB  | 1763159 | 4314580 | 53.72%  | 5.435%  |
| 98  | 24.786 | 3698 | 3706 | 3718 | rVB2 | 648659  | 1837565 | 22.88%  | 2.315%  |
| 99  | 26.174 | 3932 | 3942 | 3954 | rVB4 | 506019  | 1762164 | 21.94%  | 2.220%  |
| 100 | 27.897 | 4226 | 4235 | 4251 | rVB3 | 420382  | 1886301 | 23.49%  | 2.376%  |

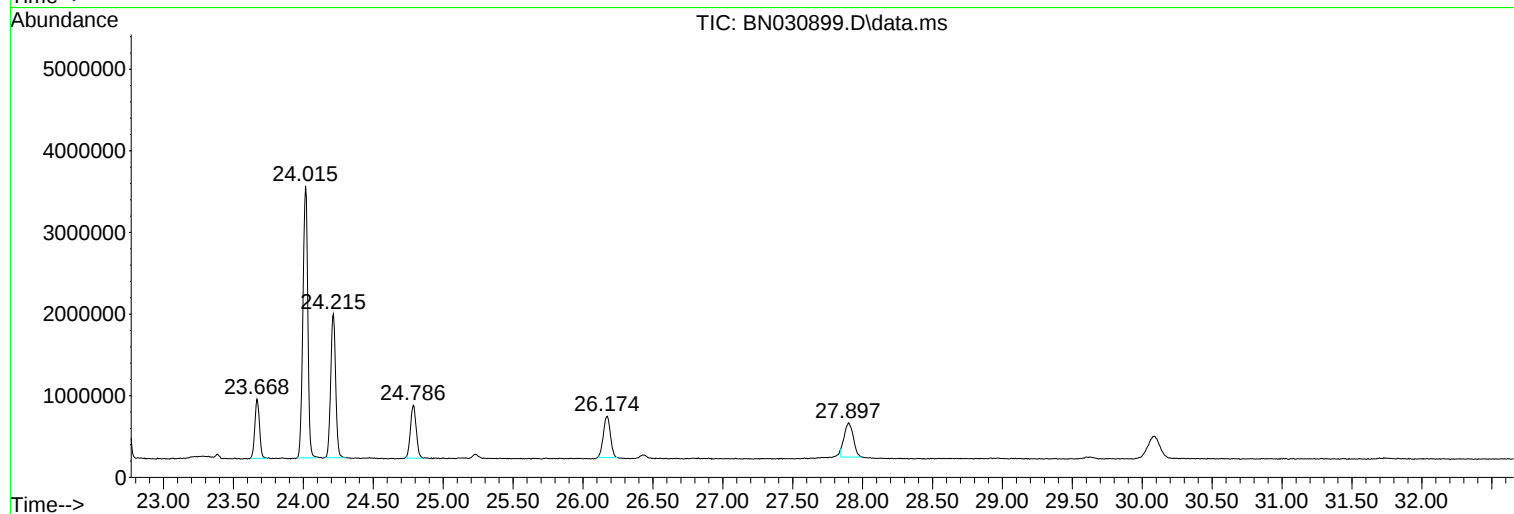
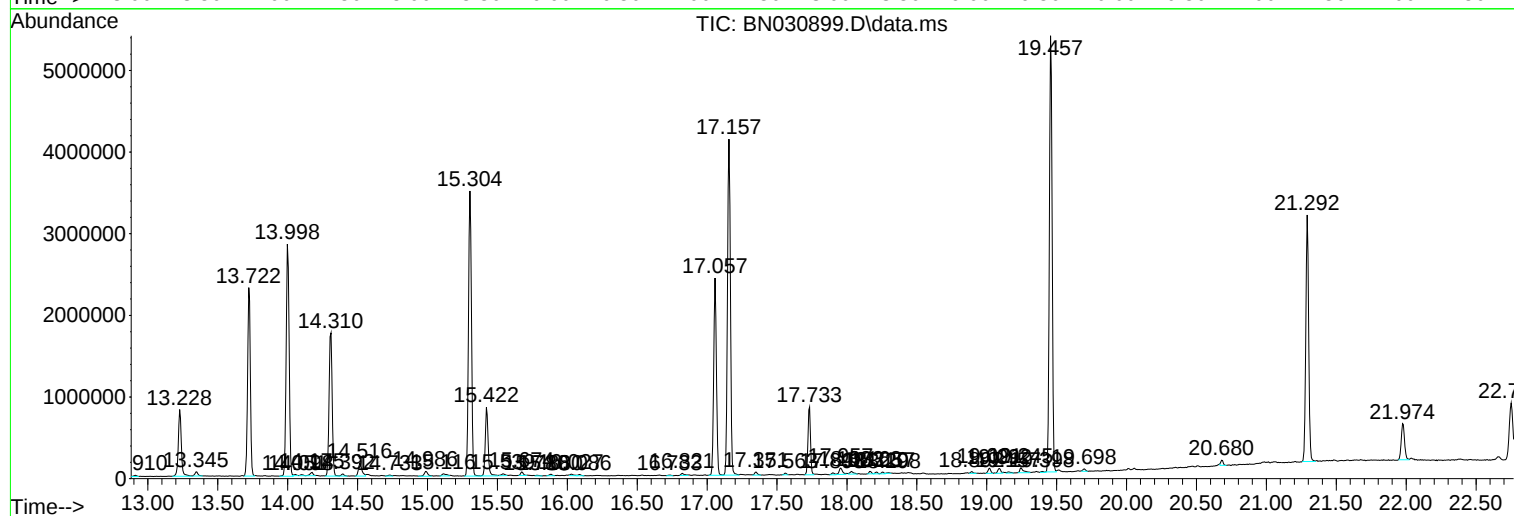
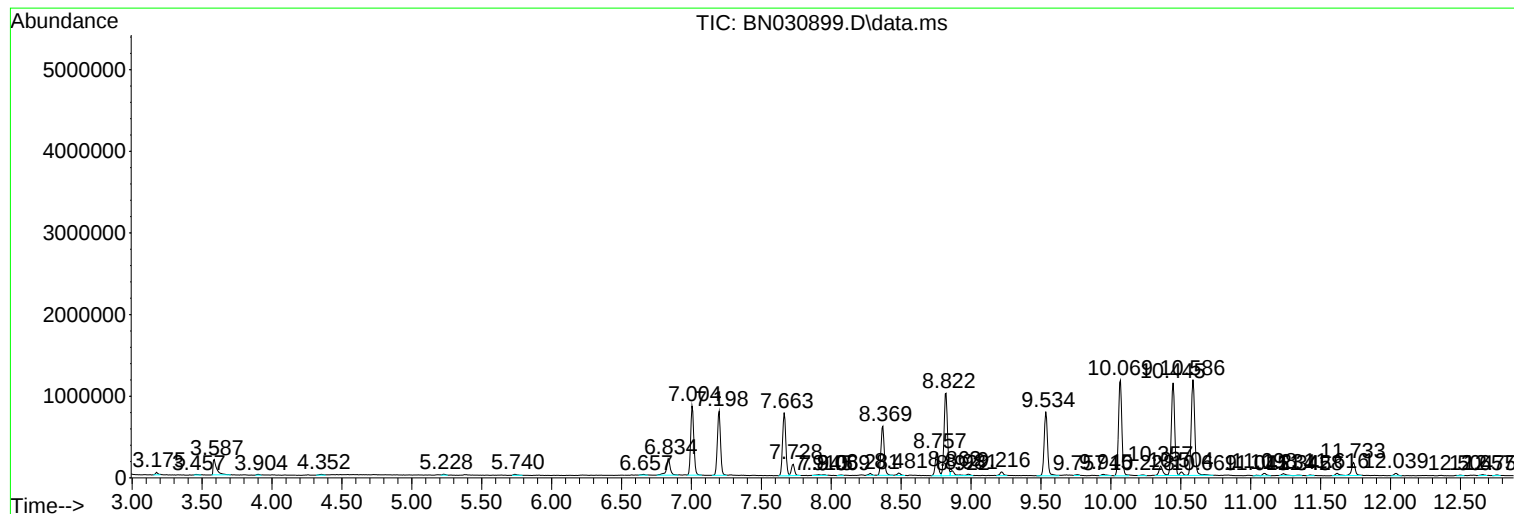
Sum of corrected areas: 79378397

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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



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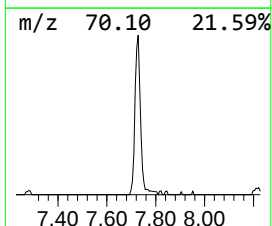
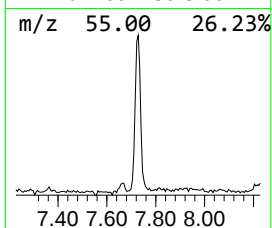
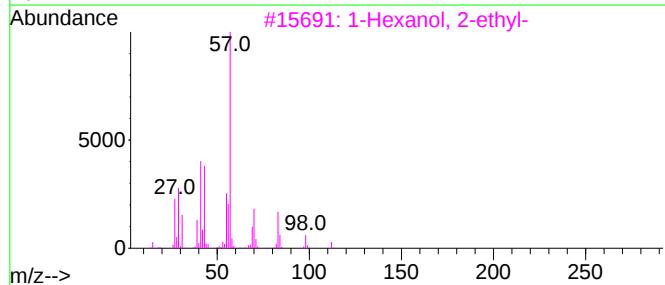
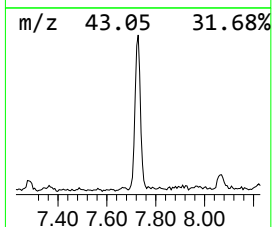
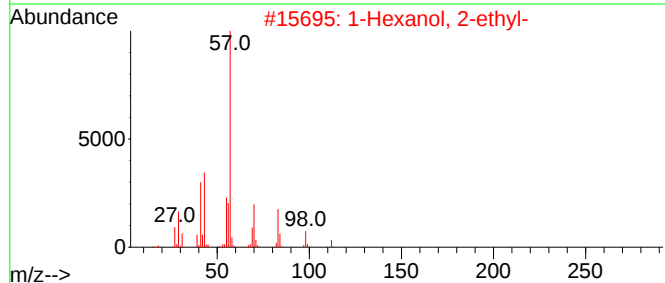
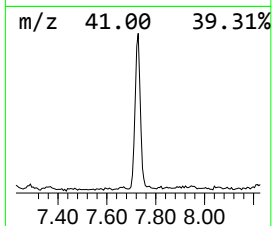
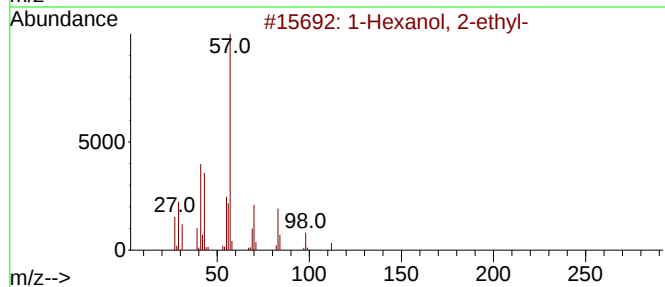
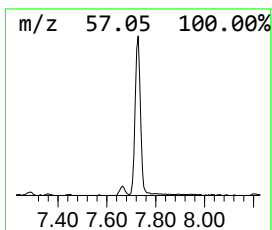
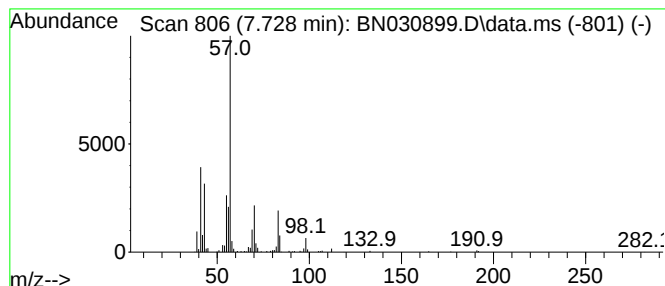
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.728 | 3.49 ng/ul | 215194 | 1,4-Dichlorobenzene-d4 | 7.663 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | 1-Hexanol, 2-ethyl-                 |   |              | 130 | C8H18O   | 000104-76-7  | 90   |
| 2    | 1-Hexanol, 2-ethyl-                 |   |              | 130 | C8H18O   | 000104-76-7  | 83   |
| 3    | 1-Hexanol, 2-ethyl-                 |   |              | 130 | C8H18O   | 000104-76-7  | 83   |
| 4    | 1-Hexanol, 2-ethyl-                 |   |              | 130 | C8H18O   | 000104-76-7  | 64   |
| 5    | Carbonic acid, isobutyl 2-ethylh... |   |              | 230 | C13H26O3 | 1000383-13-3 | 53   |



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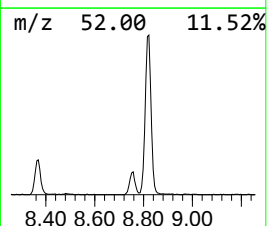
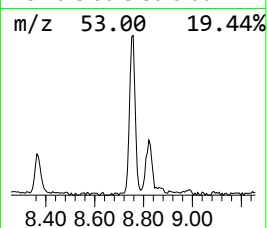
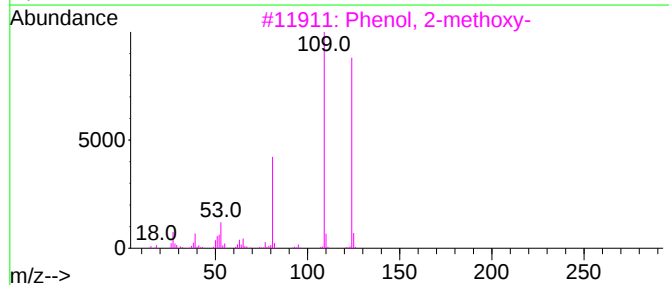
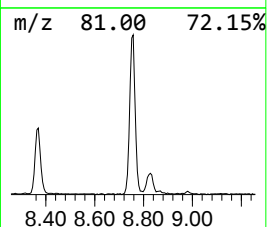
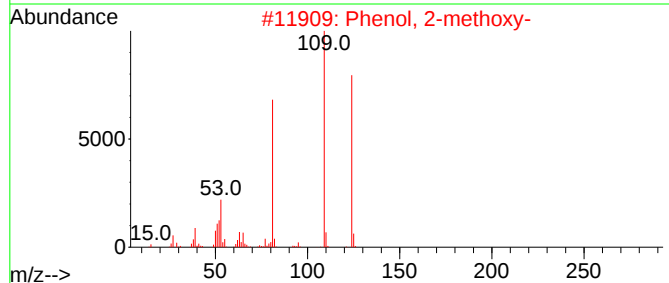
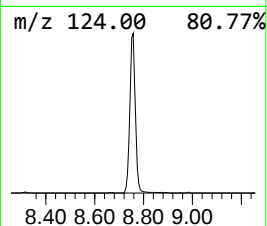
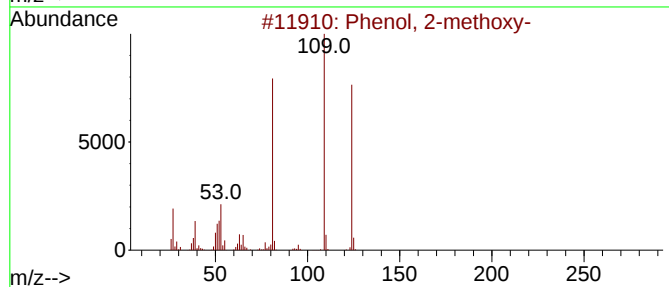
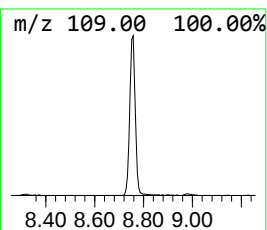
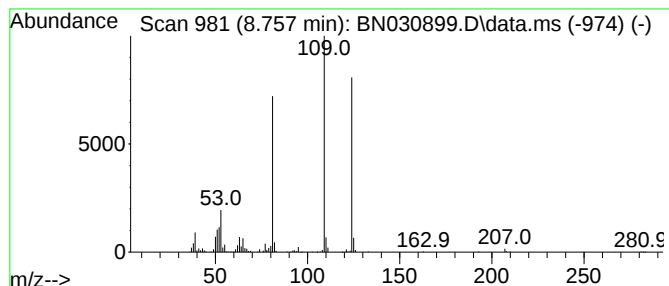
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Phenol, 2-methoxy- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 8.757 | 7.42 ng/ul | 457734 | 1,4-Dichlorobenzene-d4 | 7.663 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------|-----|---------|-------------|------|
| 1    |    |   | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 97   |
| 2    |    |   | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 96   |
| 3    |    |   | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 95   |
| 4    |    |   | Mequinol           | 124 | C7H8O2  | 000150-76-5 | 93   |
| 5    |    |   | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

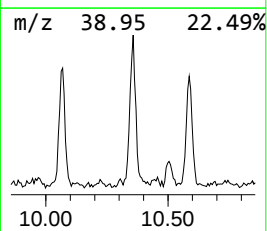
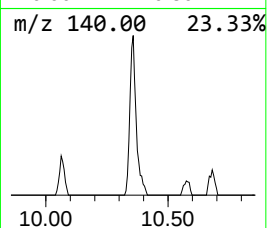
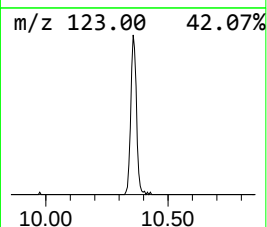
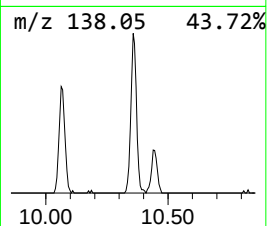
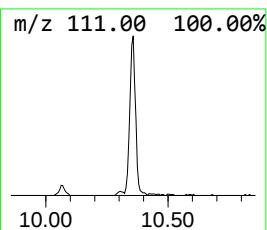
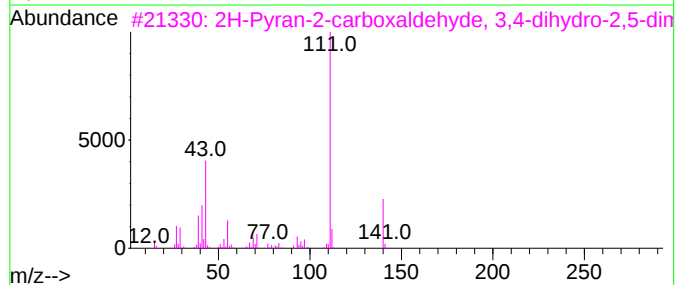
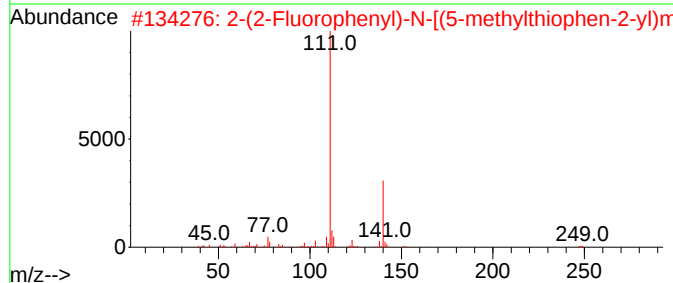
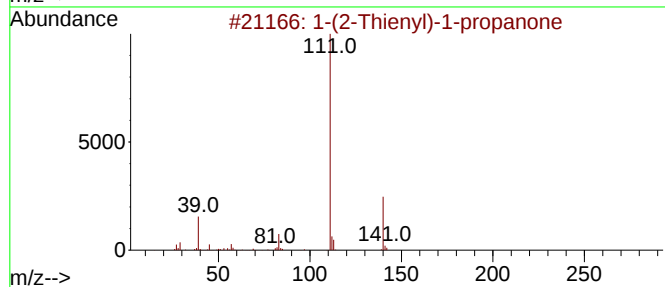
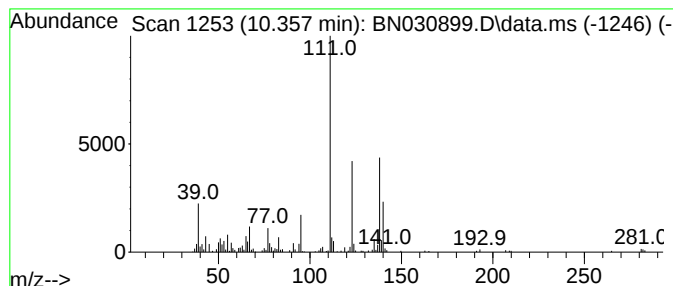
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 unknown-01 Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.357 | 2.34 ng/ul | 222373 | Naphthalene-d8   | 10.445 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 1-(2-Thienyl)-1-propanone           | 140 | C7H8OS    | 013679-75-9 | 46   |
| 2    |    |   | 2-(2-Fluorophenyl)-N-[(5-methylt... | 249 | C14H16FNS | 774554-72-2 | 38   |
| 3    |    |   | 2H-Pyran-2-carboxaldehyde, 3,4-d... | 140 | C8H12O2   | 001920-21-4 | 35   |
| 4    |    |   | 1-(2-Thienyl)-1-propanone           | 140 | C7H8OS    | 013679-75-9 | 35   |
| 5    |    |   | Thiophene, 2-methyl-5-propyl-       | 140 | C8H12S    | 033933-73-2 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

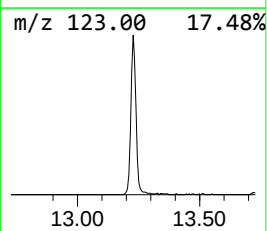
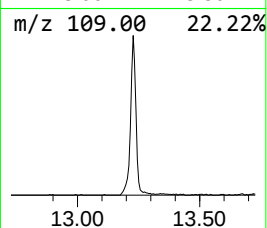
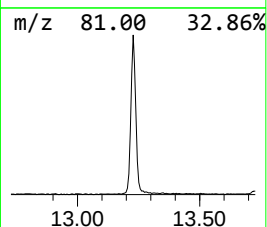
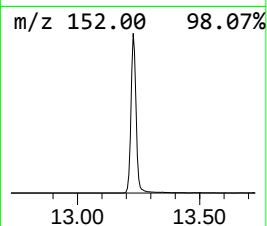
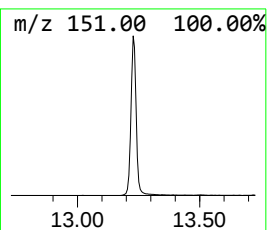
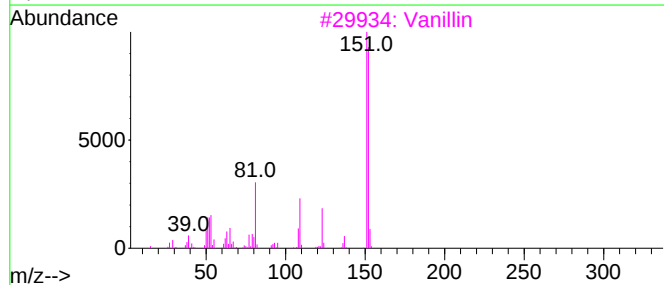
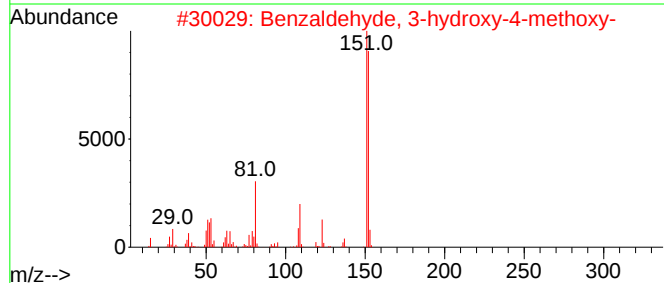
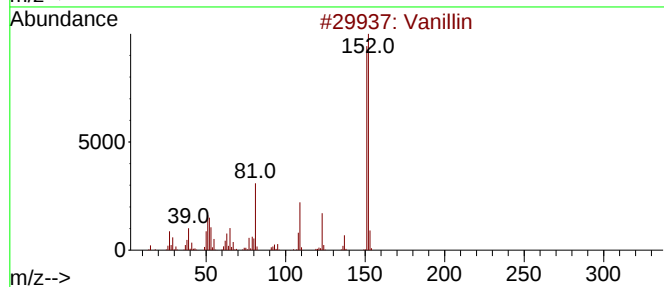
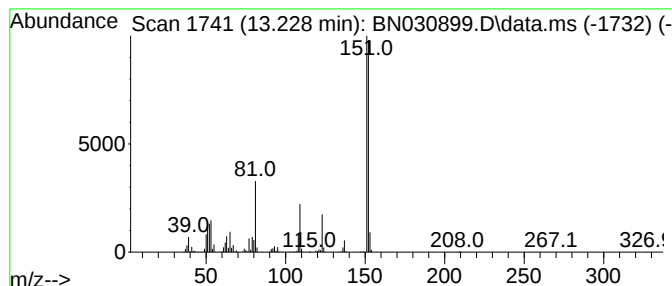
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Vanillin Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 13.227 | 9.40 ng/ul | 1242520 | Acenaphthene-d10 | 14.310 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Vanillin                           | 152 | C8H8O3  | 000121-33-5 | 97   |
| 2    |    |   | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3  | 000621-59-0 | 97   |
| 3    |    |   | Vanillin                           | 152 | C8H8O3  | 000121-33-5 | 97   |
| 4    |    |   | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3  | 000621-59-0 | 96   |
| 5    |    |   | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3  | 000621-59-0 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

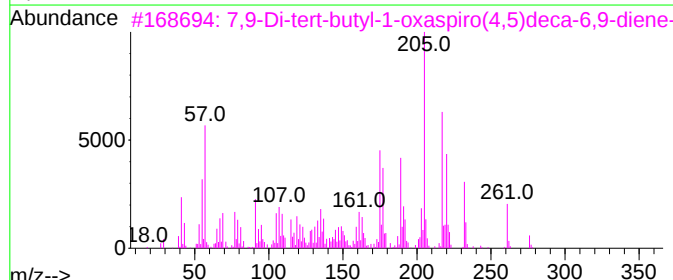
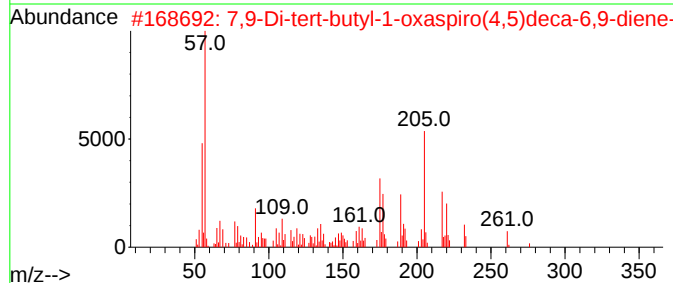
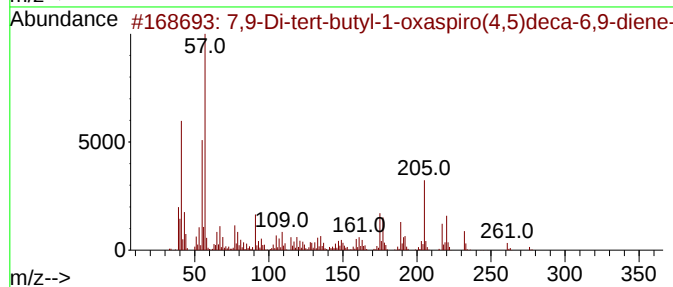
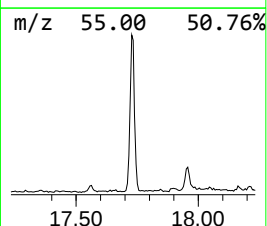
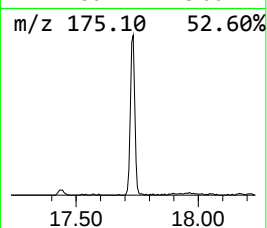
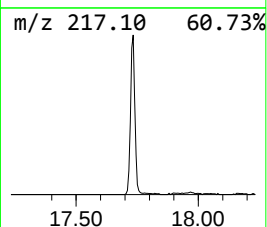
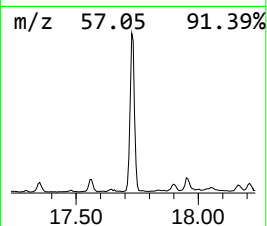
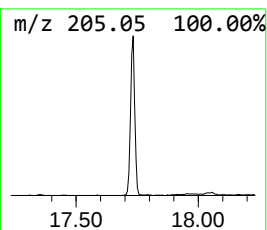
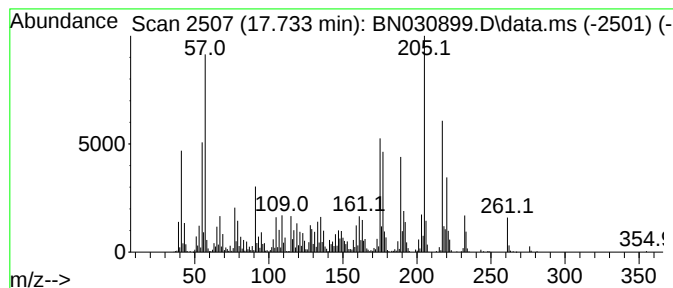
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 7

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 17.733 | 6.40 ng/ul | 1058210 | Phenanthrene-d10 | 17.057 |

| 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 | 96      |      |      |
| 3    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 96      |      |      |
| 4    | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232 | C16H24O      | 006738-27-8 | 80      |      |      |
| 5    | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2     | 071596-88-8 | 64      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

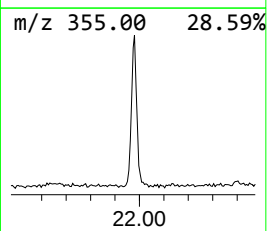
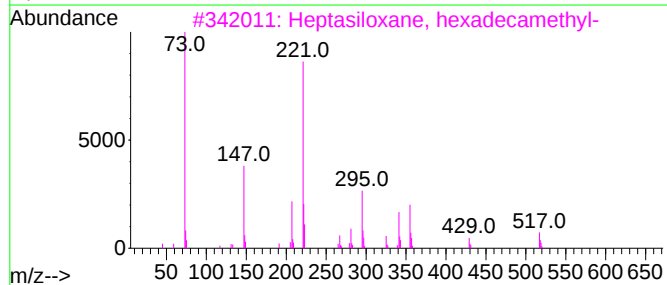
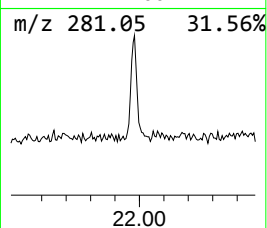
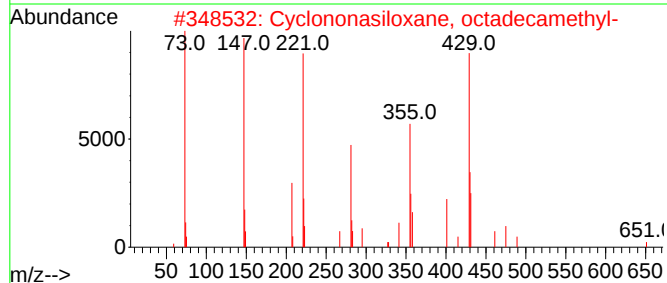
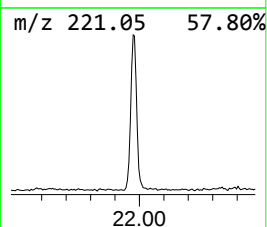
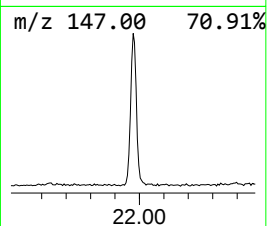
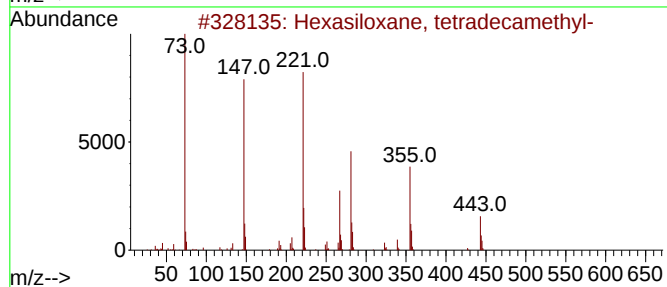
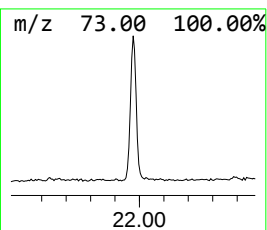
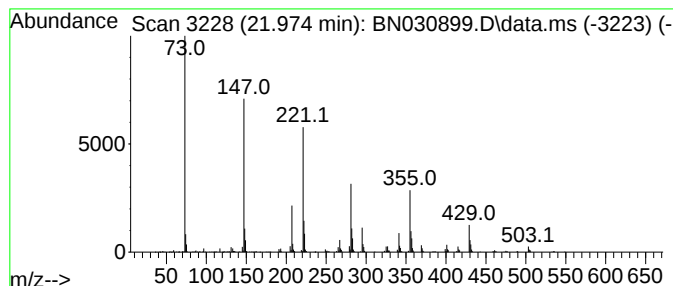
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Hexasiloxane, tetradecamethyl- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.974 | 3.39 ng/ul | 734645 | Chrysene-d12     | 21.292 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Hexasiloxane, tetradecamethyl-      | 458 | C14H42O5Si6 | 000107-52-8 | 74   |
| 2    |    |   | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9 | 000556-71-8 | 64   |
| 3    |    |   | Heptasiloxane, hexadecamethyl-      | 532 | C16H48O6Si7 | 000541-01-5 | 35   |
| 4    |    |   | 3,6-Dioxo-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 32   |
| 5    |    |   | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO    | 015089-22-2 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

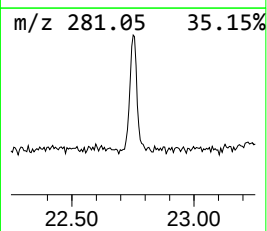
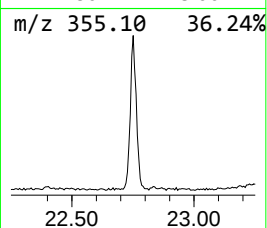
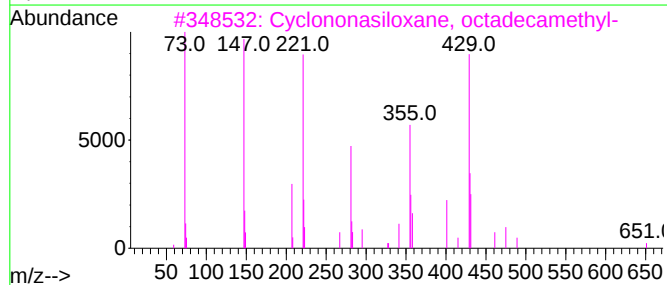
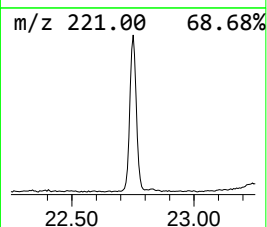
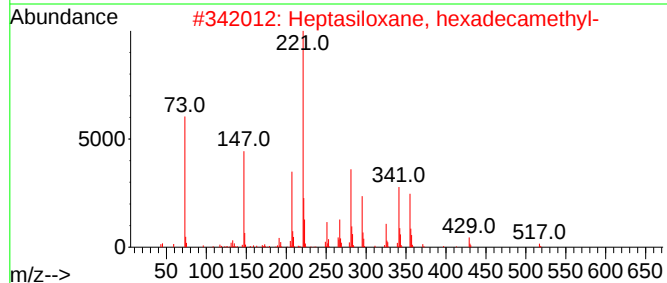
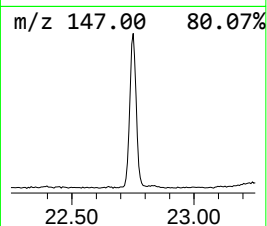
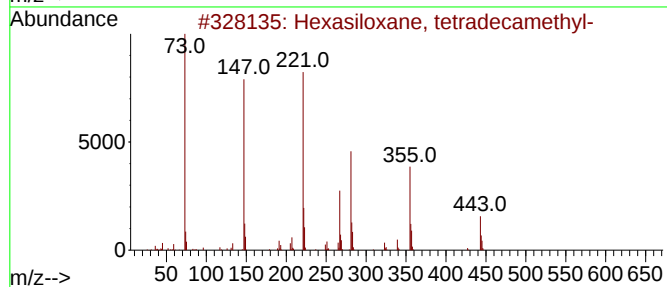
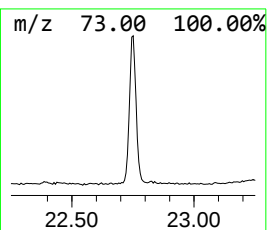
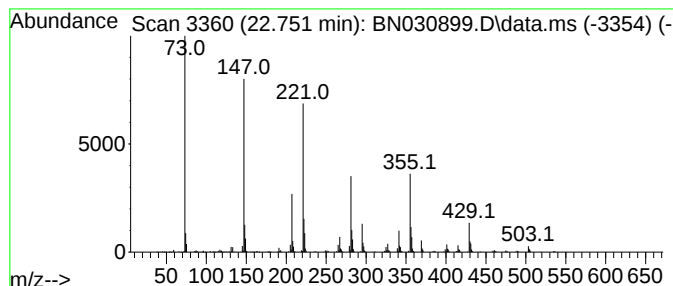
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Heptasiloxane, hexadecamethyl- Concentration Rank 8

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 22.751    | 5.87 ng/ul                          | 1273770 | Chrysene-d12     | 21.292      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Hexasiloxane, tetradecamethyl-      | 458     | C14H42O5Si6      | 000107-52-8 | 80   |
| 2         | Heptasiloxane, hexadecamethyl-      | 532     | C16H48O6Si7      | 000541-01-5 | 80   |
| 3         | Cyclononasiloxane, octadecamethyl-  | 666     | C18H54O9Si9      | 000556-71-8 | 80   |
| 4         | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444     | C13H40O5Si6      | 038147-00-1 | 50   |
| 5         | N-Benzyl-N-ethyl-p-isopropylbenz... | 281     | C19H23NO         | 015089-22-2 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

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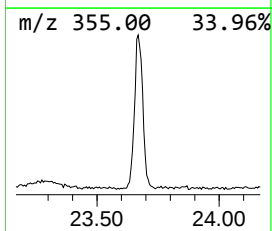
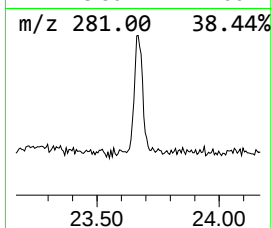
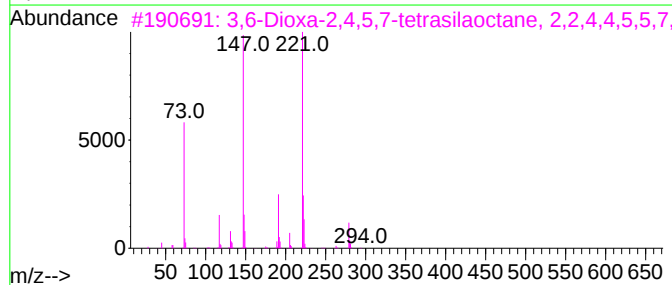
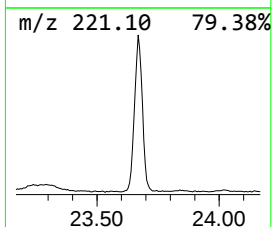
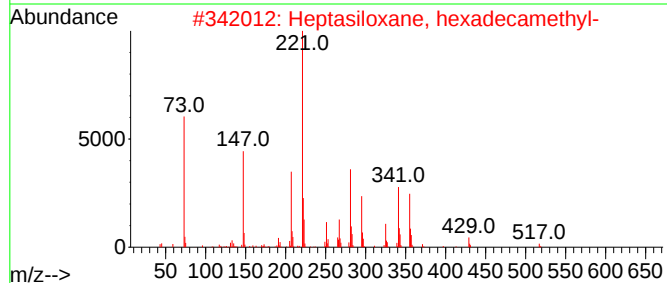
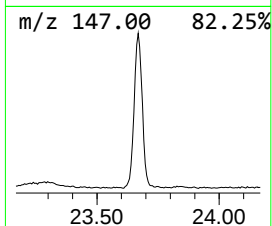
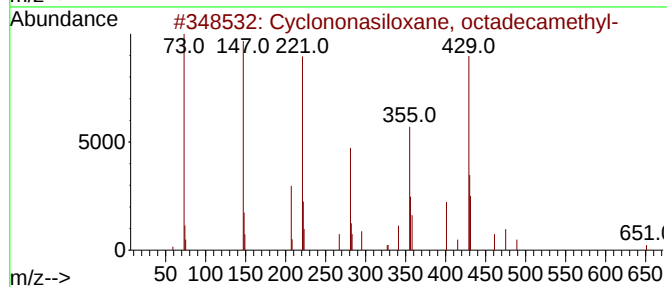
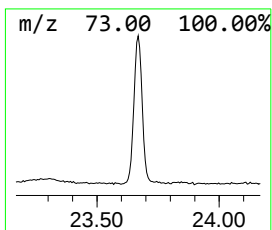
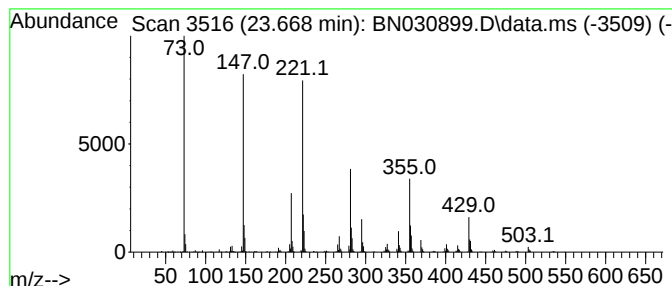
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Cyclononasiloxane, octadeca... Concentration Rank 5

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 23.668 | 7.70 ng/ul | 1661810 | Perylene-d12     | 24.215 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9 | 000556-71-8 | 91   |
| 2    |    |   | Heptasiloxane, hexadecamethyl-      | 532 | C16H48O6Si7 | 000541-01-5 | 64   |
| 3    |    |   | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 58   |
| 4    |    |   | Hexasiloxane, tetradecamethyl-      | 458 | C14H42O5Si6 | 000107-52-8 | 43   |
| 5    |    |   | Mercaptoacetic acid, 2TMS deriva... | 236 | C8H20O2SSi2 | 006398-62-5 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

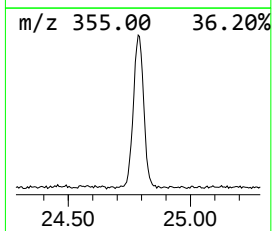
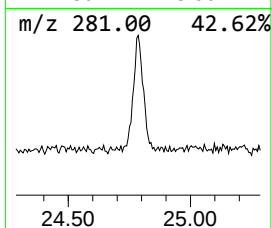
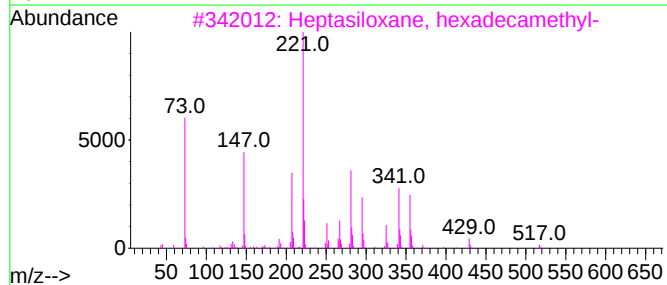
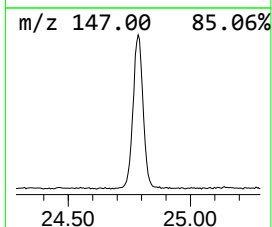
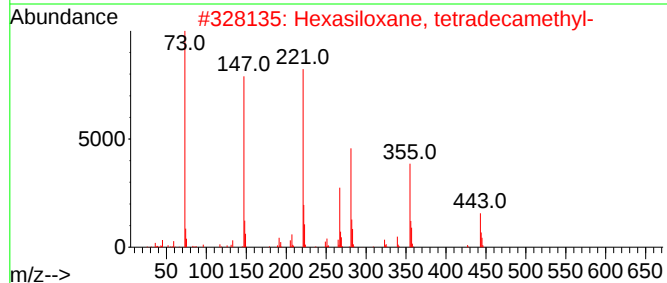
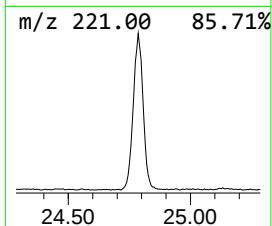
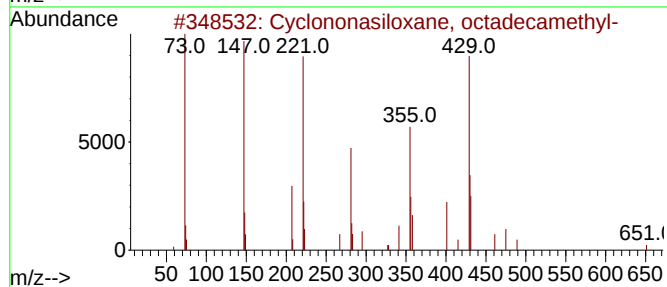
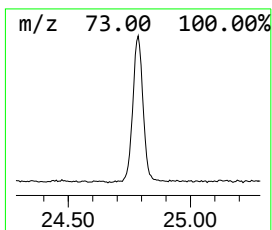
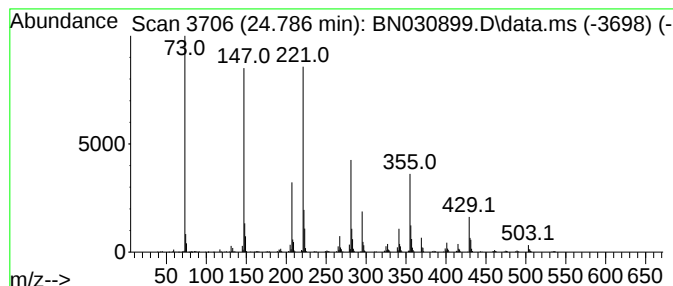
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 3,6-Dioxa-2,4,5,7-tetrasil... Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 24.786    | 8.52 ng/ul                          | 1837570 | Perylene-d12     | 24.215       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Cyclononasiloxane, octadecamethyl-  | 666     | C18H54O9Si9      | 000556-71-8  | 90   |
| 2         | Hexasiloxane, tetradecamethyl-      | 458     | C14H42O5Si6      | 000107-52-8  | 86   |
| 3         | Heptasiloxane, hexadecamethyl-      | 532     | C16H48O6Si7      | 000541-01-5  | 72   |
| 4         | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294     | C10H30O2Si4      | 004342-25-0  | 70   |
| 5         | 2,6-Dimethyl-3,4-bis(trimethylsi... | 311     | C15H29NO2Si2     | 1000079-52-1 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

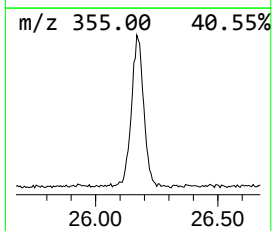
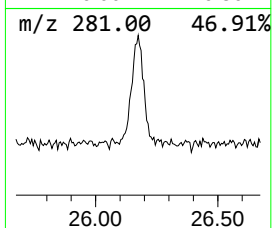
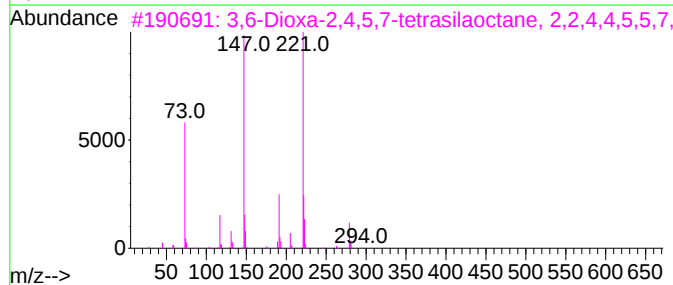
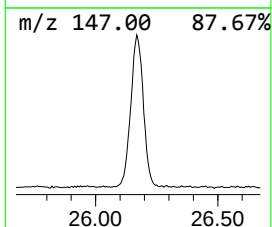
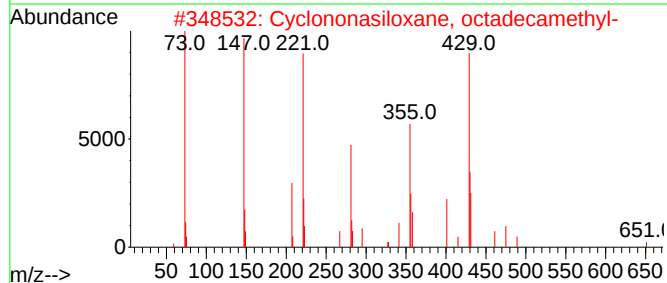
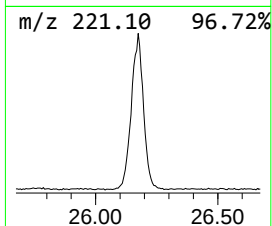
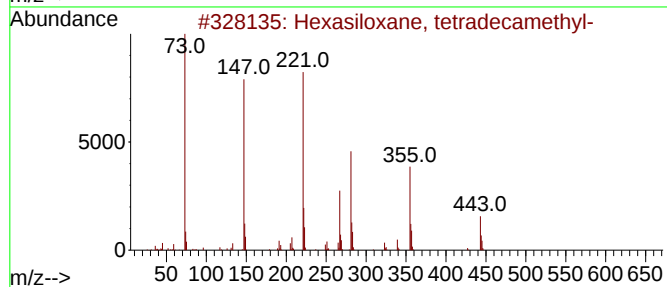
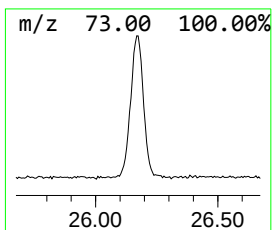
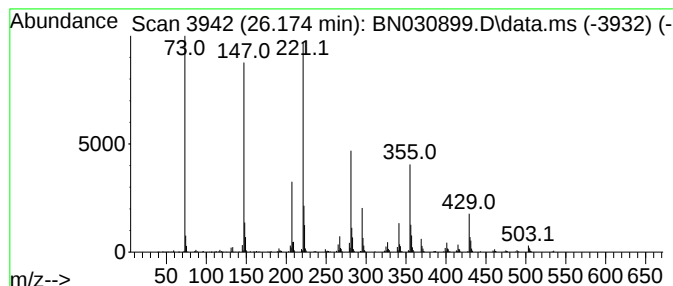
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 unknown-02 Concentration Rank 4

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 26.174 | 8.17 ng/ul | 1762160 | Perylene-d12     | 24.215 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Hexasiloxane, tetradecamethyl-      | 458 | C14H42O5Si6 | 000107-52-8 | 87   |
| 2    |    |   | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9 | 000556-71-8 | 83   |
| 3    |    |   | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H30O2Si4 | 004342-25-0 | 49   |
| 4    |    |   | Mercaptoacetic acid, 2TMS deriva... | 236 | C8H20O2SSi2 | 006398-62-5 | 37   |
| 5    |    |   | Pentasiloxane, dodecamethyl-        | 384 | C12H36O4Si5 | 000141-63-9 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

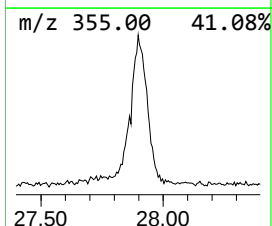
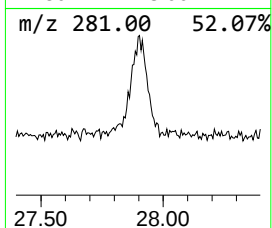
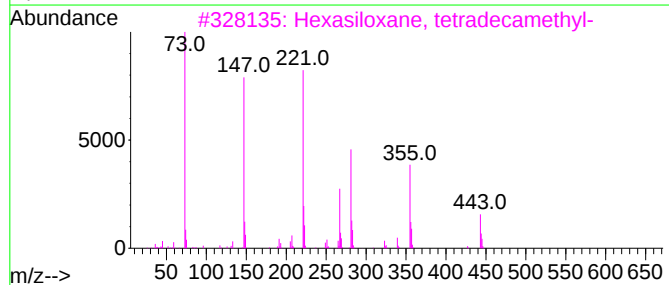
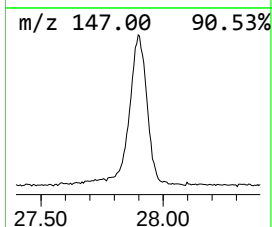
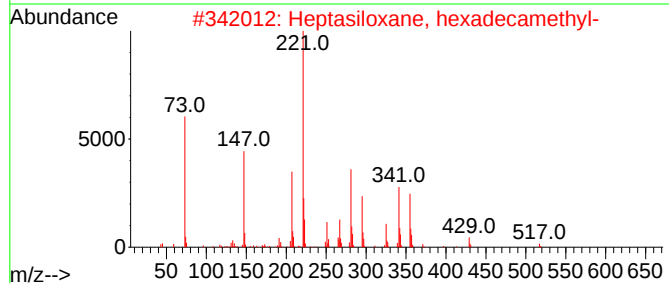
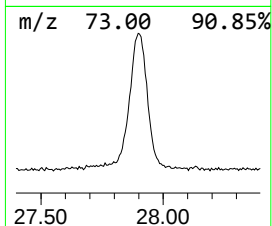
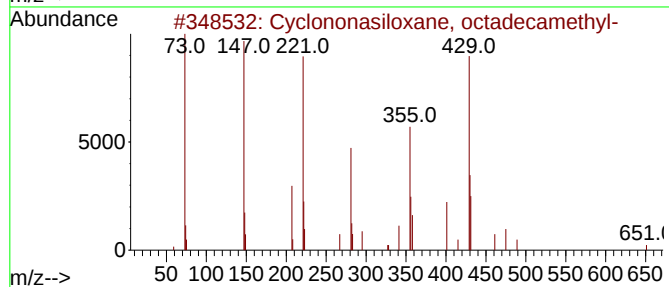
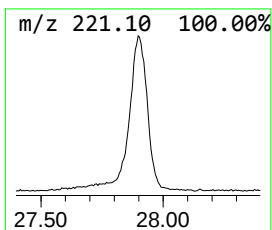
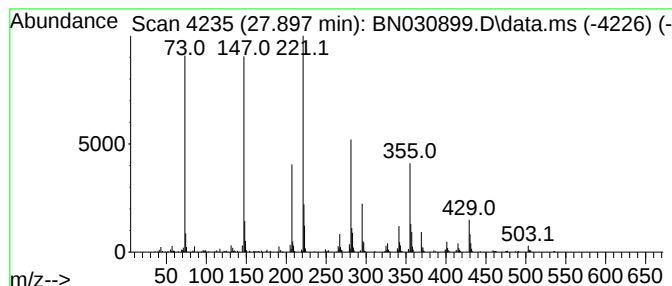
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 unknown-03 Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 27.897 | 8.74 ng/ul | 1886300 | Perylene-d12     | 24.215 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|--------------|-------------|------|
| 1    |    |   | Cyclononasiloxane, octadecamethyl-  | 666 | C18H54O9Si9  | 000556-71-8 | 53   |
| 2    |    |   | Heptasiloxane, hexadecamethyl-      | 532 | C16H48O6Si7  | 000541-01-5 | 53   |
| 3    |    |   | Hexasiloxane, tetradecamethyl-      | 458 | C14H42O5Si6  | 000107-52-8 | 52   |
| 4    |    |   | 1,1,1,3,3,5,5,7,7,9,9,11,11,13,1... | 754 | C22H66O9Si10 | 000556-70-7 | 32   |
| 5    |    |   | N-Benzyl-N-ethyl-p-isopropylbenz... | 281 | C19H23NO     | 015089-22-2 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041324\  
Data File : BN030899.D  
Acq On : 14 Apr 2024 03:54  
Operator : MA/JU  
Sample : P2050-15  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0R85

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 1-Hexanol, 2-et... | 7.728  | 3.5     | ng/u1 | 215194   | 1                     | 7.663  | 1234360 | 20.0 |
| Phenol, 2-methoxy- | 8.757  | 7.4     | ng/u1 | 457734   | 1                     | 7.663  | 1234360 | 20.0 |
| unknown-01         | 10.357 | 2.3     | ng/u1 | 222373   | 2                     | 10.445 | 1897660 | 20.0 |
| Vanillin           | 13.227 | 9.4     | ng/u1 | 1242520  | 3                     | 14.310 | 2642390 | 20.0 |
| 7,9-Di-tert-but... | 17.733 | 6.4     | ng/u1 | 1058210  | 4                     | 17.057 | 3306290 | 20.0 |
| Hexasiloxane, t... | 21.974 | 3.4     | ng/u1 | 734645   | 5                     | 21.292 | 4338240 | 20.0 |
| Heptasiloxane, ... | 22.751 | 5.9     | ng/u1 | 1273770  | 5                     | 21.292 | 4338240 | 20.0 |
| Cyclononasiloxa... | 23.668 | 7.7     | ng/u1 | 1661810  | 6                     | 24.215 | 4314580 | 20.0 |
| 3,6-Dioxa-2,4,5... | 24.786 | 8.5     | ng/u1 | 1837570  | 6                     | 24.215 | 4314580 | 20.0 |
| unknown-02         | 26.174 | 8.2     | ng/u1 | 1762160  | 6                     | 24.215 | 4314580 | 20.0 |
| unknown-03         | 27.897 | 8.7     | ng/u1 | 1886300  | 6                     | 24.215 | 4314580 | 20.0 |