

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
 Data File : BP013320.D  
 Acq On : 25 Dec 2022 03:05  
 Operator : CG/JU  
 Sample : N6018-11  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBYJ1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP013320.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         | 3.328       | 20            | 24          | 30           | rVB      | 133842         | 168497        | 1.57%           | 0.096%        |
| 2         | 3.758       | 94            | 97          | 119          | rBV      | 1505958        | 2238960       | 20.84%          | 1.277%        |
| 3         | 4.087       | 149           | 153         | 158          | rVB      | 40222          | 53700         | 0.50%           | 0.031%        |
| 4         | 5.028       | 308           | 313         | 320          | rVB2     | 46760          | 78417         | 0.73%           | 0.045%        |
| 5         | 5.258       | 347           | 352         | 360          | rBV      | 77091          | 142014        | 1.32%           | 0.081%        |
| 6         | 6.522       | 562           | 567         | 574          | rVV2     | 29832          | 55138         | 0.51%           | 0.031%        |
| 7         | 6.611       | 575           | 582         | 590          | rVB      | 652639         | 1007704       | 9.38%           | 0.575%        |
| 8         | 6.916       | 624           | 634         | 638          | rBV5     | 38945          | 75867         | 0.71%           | 0.043%        |
| 9         | 7.099       | 653           | 665         | 679          | rVV      | 2189388        | 3596817       | 33.48%          | 2.051%        |
| 10        | 7.264       | 682           | 693         | 704          | rVV      | 1875377        | 2867494       | 26.69%          | 1.635%        |
| 11        | 7.369       | 704           | 711         | 721          | rVV      | 1800121        | 3047211       | 28.36%          | 1.737%        |
| 12        | 7.469       | 721           | 728         | 737          | rVB      | 2330155        | 3667844       | 34.14%          | 2.091%        |
| 13        | 7.940       | 801           | 808         | 815          | rVV      | 2087779        | 3311569       | 30.82%          | 1.888%        |
| 14        | 8.158       | 840           | 845         | 848          | rBV2     | 44539          | 73234         | 0.68%           | 0.042%        |
| 15        | 8.211       | 849           | 854         | 860          | rVB      | 138261         | 213335        | 1.99%           | 0.122%        |
| 16        | 8.652       | 917           | 929         | 940          | rBV      | 2386305        | 3847247       | 35.81%          | 2.194%        |
| 17        | 9.105       | 998           | 1006        | 1016         | rBV      | 2188390        | 3605192       | 33.56%          | 2.056%        |
| 18        | 9.263       | 1027          | 1033        | 1038         | rVB2     | 51325          | 78343         | 0.73%           | 0.045%        |
| 19        | 9.505       | 1067          | 1074        | 1090         | rVB      | 77393          | 157418        | 1.47%           | 0.090%        |
| 20        | 9.834       | 1121          | 1130        | 1144         | rBV      | 1799554        | 3032667       | 28.23%          | 1.729%        |
| 21        | 9.981       | 1150          | 1155        | 1160         | rBV      | 74646          | 133905        | 1.25%           | 0.076%        |
| 22        | 10.052      | 1163          | 1167        | 1177         | rVV5     | 60496          | 130458        | 1.21%           | 0.074%        |
| 23        | 10.369      | 1214          | 1221        | 1239         | rVV      | 2833995        | 4703504       | 43.78%          | 2.682%        |
| 24        | 10.752      | 1278          | 1286        | 1292         | rBV      | 2902403        | 4768924       | 44.39%          | 2.719%        |
| 25        | 10.810      | 1292          | 1296        | 1300         | rVV2     | 52446          | 80599         | 0.75%           | 0.046%        |
| 26        | 10.893      | 1300          | 1310        | 1325         | rVV      | 1199436        | 2230364       | 20.76%          | 1.272%        |
| 27        | 12.110      | 1504          | 1517        | 1521         | rBV3     | 62863          | 125134        | 1.16%           | 0.071%        |
| 28        | 12.157      | 1521          | 1525        | 1530         | rVB      | 35667          | 52869         | 0.49%           | 0.030%        |
| 29        | 12.334      | 1551          | 1555        | 1561         | rVB      | 43286          | 63399         | 0.59%           | 0.036%        |
| 30        | 12.940      | 1654          | 1658        | 1667         | rVB7     | 55844          | 101310        | 0.94%           | 0.058%        |
| 31        | 13.340      | 1717          | 1726        | 1730         | rVV3     | 62210          | 120570        | 1.12%           | 0.069%        |
| 32        | 13.393      | 1730          | 1735        | 1741         | rVB      | 79244          | 119989        | 1.12%           | 0.068%        |
| 33        | 13.457      | 1741          | 1746        | 1751         | rBV3     | 120682         | 191954        | 1.79%           | 0.109%        |
| 34        | 13.698      | 1781          | 1787        | 1791         | rBV9     | 21960          | 50531         | 0.47%           | 0.029%        |
| 35        | 13.857      | 1810          | 1814        | 1817         | rBV      | 45234          | 62561         | 0.58%           | 0.036%        |
| 36        | 13.898      | 1817          | 1821        | 1828         | rVV      | 551004         | 782322        | 7.28%           | 0.446%        |

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 BNA\_P  
 ClientSampleId :  
 DBYJ1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |        |        |
|----|--------|------|------|------|-------|---------|---------|--------|--------|
| 37 | 13.987 | 1828 | 1836 | 1845 | rVV   | 4404847 | 6178886 | 57.51% | 3.523% |
| 38 | 14.057 | 1845 | 1848 | 1851 | rVV4  | 31893   | 47319   | 0.44%  | 0.027% |
| 39 | 14.104 | 1852 | 1856 | 1861 | rVB4  | 57583   | 87735   | 0.82%  | 0.050% |
| 40 | 14.275 | 1879 | 1885 | 1892 | rVV   | 4874980 | 7426541 | 69.13% | 4.234% |
| 41 | 14.416 | 1904 | 1909 | 1915 | rBV   | 399228  | 576863  | 5.37%  | 0.329% |
| 42 | 14.463 | 1915 | 1917 | 1922 | rVV2  | 57604   | 77516   | 0.72%  | 0.044% |
| 43 | 14.534 | 1923 | 1929 | 1933 | rVV   | 1411732 | 2000485 | 18.62% | 1.141% |
| 44 | 14.581 | 1933 | 1937 | 1944 | rVV   | 3806608 | 5747166 | 53.50% | 3.277% |
| 45 | 14.645 | 1944 | 1948 | 1952 | rVV   | 241524  | 406479  | 3.78%  | 0.232% |
| 46 | 14.687 | 1952 | 1955 | 1965 | rVB4  | 119337  | 210643  | 1.96%  | 0.120% |
| 47 | 14.787 | 1965 | 1972 | 1976 | rBV   | 1078594 | 1726391 | 16.07% | 0.984% |
| 48 | 14.828 | 1976 | 1979 | 1987 | rVV2  | 809912  | 1215754 | 11.32% | 0.693% |
| 49 | 14.898 | 1987 | 1991 | 1994 | rVV   | 41437   | 78862   | 0.73%  | 0.045% |
| 50 | 14.940 | 1994 | 1998 | 2002 | rVV   | 110433  | 172351  | 1.60%  | 0.098% |
| 51 | 14.993 | 2002 | 2007 | 2012 | rVV5  | 77740   | 153831  | 1.43%  | 0.088% |
| 52 | 15.040 | 2012 | 2015 | 2022 | rVV5  | 66983   | 132340  | 1.23%  | 0.075% |
| 53 | 15.110 | 2023 | 2027 | 2032 | rVB2  | 42743   | 64078   | 0.60%  | 0.037% |
| 54 | 15.234 | 2044 | 2048 | 2055 | rVB10 | 27087   | 52071   | 0.48%  | 0.030% |
| 55 | 15.469 | 2084 | 2088 | 2090 | rVV2  | 112335  | 171829  | 1.60%  | 0.098% |
| 56 | 15.492 | 2090 | 2092 | 2097 | rVB2  | 129572  | 142038  | 1.32%  | 0.081% |
| 57 | 15.575 | 2099 | 2106 | 2116 | rBV   | 5892460 | 8576686 | 79.83% | 4.890% |
| 58 | 15.698 | 2122 | 2127 | 2137 | rBV   | 1057409 | 1412211 | 13.15% | 0.805% |
| 59 | 15.822 | 2143 | 2148 | 2153 | rVB6  | 67969   | 115935  | 1.08%  | 0.066% |
| 60 | 15.951 | 2164 | 2170 | 2179 | rBV   | 2043601 | 3059921 | 28.48% | 1.745% |
| 61 | 16.022 | 2179 | 2182 | 2184 | rBV2  | 86290   | 92948   | 0.87%  | 0.053% |
| 62 | 16.151 | 2199 | 2204 | 2211 | rVB   | 266703  | 372288  | 3.47%  | 0.212% |
| 63 | 16.228 | 2211 | 2217 | 2221 | rBV7  | 58045   | 101023  | 0.94%  | 0.058% |
| 64 | 16.292 | 2225 | 2228 | 2234 | rVB3  | 37344   | 71263   | 0.66%  | 0.041% |
| 65 | 16.434 | 2248 | 2252 | 2256 | rBV5  | 63452   | 101104  | 0.94%  | 0.058% |
| 66 | 16.587 | 2274 | 2278 | 2283 | rBV2  | 86660   | 117321  | 1.09%  | 0.067% |
| 67 | 16.728 | 2298 | 2302 | 2306 | rBV2  | 71386   | 98350   | 0.92%  | 0.056% |
| 68 | 17.045 | 2352 | 2356 | 2360 | rBV2  | 176874  | 223028  | 2.08%  | 0.127% |
| 69 | 17.157 | 2373 | 2375 | 2380 | rVV5  | 28517   | 46774   | 0.44%  | 0.027% |
| 70 | 17.339 | 2400 | 2406 | 2416 | rVV   | 3618032 | 5547197 | 51.63% | 3.163% |
| 71 | 17.439 | 2416 | 2423 | 2431 | rVB   | 5060913 | 7123555 | 66.31% | 4.062% |
| 72 | 17.551 | 2439 | 2442 | 2446 | rVB4  | 45510   | 60487   | 0.56%  | 0.034% |
| 73 | 17.692 | 2463 | 2466 | 2469 | rBV2  | 78203   | 94322   | 0.88%  | 0.054% |
| 74 | 17.998 | 2515 | 2518 | 2521 | rVB4  | 48228   | 55528   | 0.52%  | 0.032% |
| 75 | 18.092 | 2530 | 2534 | 2540 | rBV4  | 95247   | 175032  | 1.63%  | 0.100% |
| 76 | 18.157 | 2541 | 2545 | 2550 | rBV2  | 119122  | 191648  | 1.78%  | 0.109% |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |          |         |        |
|-----|--------|------|------|------|------|---------|----------|---------|--------|
| 77  | 18.216 | 2550 | 2555 | 2564 | rBV  | 1393694 | 2055709  | 19.13%  | 1.172% |
| 78  | 18.545 | 2608 | 2611 | 2615 | rVB5 | 55117   | 77925    | 0.73%   | 0.044% |
| 79  | 19.104 | 2703 | 2706 | 2711 | rBV6 | 77442   | 108031   | 1.01%   | 0.062% |
| 80  | 19.204 | 2719 | 2723 | 2728 | rBV2 | 98181   | 159425   | 1.48%   | 0.091% |
| 81  | 19.345 | 2737 | 2747 | 2751 | rBV2 | 415036  | 1005867  | 9.36%   | 0.573% |
| 82  | 19.386 | 2751 | 2754 | 2759 | rVB4 | 158471  | 201660   | 1.88%   | 0.115% |
| 83  | 19.445 | 2760 | 2764 | 2771 | rBV  | 400022  | 569826   | 5.30%   | 0.325% |
| 84  | 19.675 | 2797 | 2803 | 2813 | rBV  | 6353916 | 8503364  | 79.15%  | 4.848% |
| 85  | 19.822 | 2825 | 2828 | 2836 | rVB  | 328182  | 424090   | 3.95%   | 0.242% |
| 86  | 20.522 | 2943 | 2947 | 2957 | rVB4 | 403776  | 760975   | 7.08%   | 0.434% |
| 87  | 20.616 | 2959 | 2963 | 2967 | rBV2 | 260220  | 358248   | 3.33%   | 0.204% |
| 88  | 21.080 | 3040 | 3042 | 3045 | rBV2 | 187200  | 214883   | 2.00%   | 0.123% |
| 89  | 21.127 | 3046 | 3050 | 3060 | rVV  | 1750201 | 2642107  | 24.59%  | 1.506% |
| 90  | 21.304 | 3076 | 3080 | 3086 | rBV  | 1096639 | 1606779  | 14.96%  | 0.916% |
| 91  | 21.433 | 3096 | 3102 | 3107 | rBV  | 4236410 | 6304545  | 58.68%  | 3.595% |
| 92  | 22.039 | 3202 | 3205 | 3207 | rBV  | 464847  | 542152   | 5.05%   | 0.309% |
| 93  | 22.069 | 3207 | 3210 | 3218 | rVB2 | 769149  | 1180472  | 10.99%  | 0.673% |
| 94  | 23.122 | 3384 | 3389 | 3396 | rBV  | 4898141 | 8073374  | 75.15%  | 4.603% |
| 95  | 23.751 | 3490 | 3496 | 3510 | rVB2 | 4797295 | 10743221 | 100.00% | 6.125% |
| 96  | 23.910 | 3517 | 3523 | 3540 | rVB2 | 2948307 | 6419270  | 59.75%  | 3.660% |
| 97  | 24.527 | 3621 | 3628 | 3637 | rVB  | 3885917 | 8541731  | 79.51%  | 4.870% |
| 98  | 24.633 | 3640 | 3646 | 3661 | rVB2 | 1701446 | 4792724  | 44.61%  | 2.733% |
| 99  | 25.933 | 3862 | 3867 | 3878 | rVB2 | 1167003 | 2930565  | 27.28%  | 1.671% |
| 100 | 26.439 | 3945 | 3953 | 3974 | rVB  | 2391784 | 7831916  | 72.90%  | 4.465% |

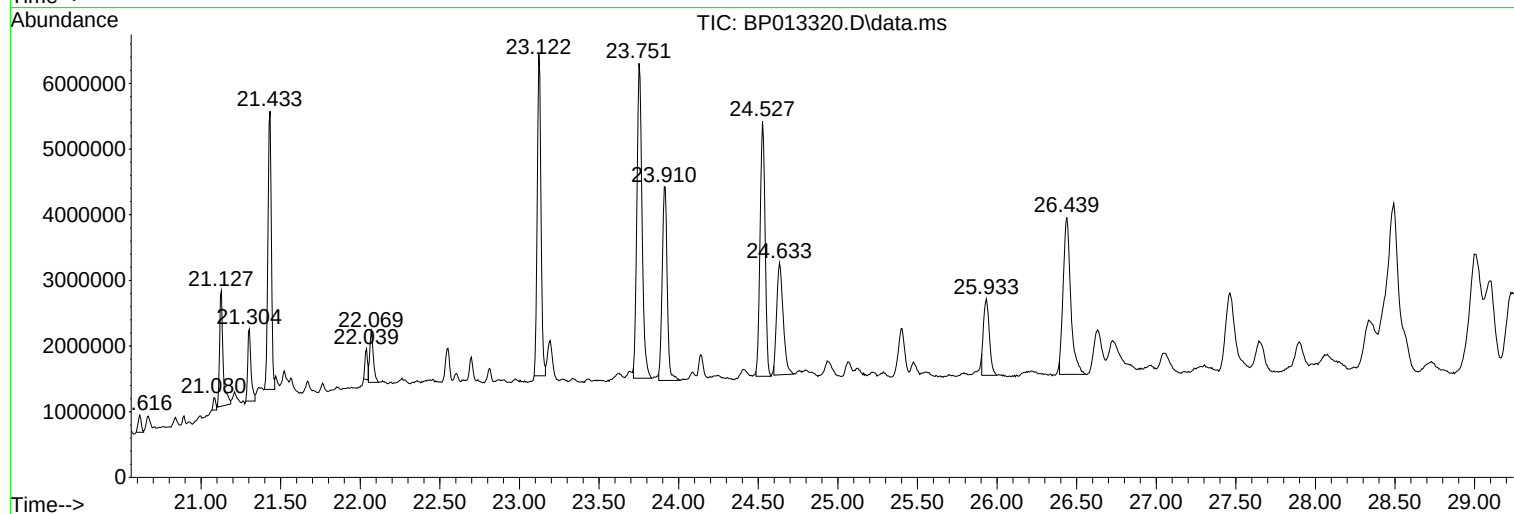
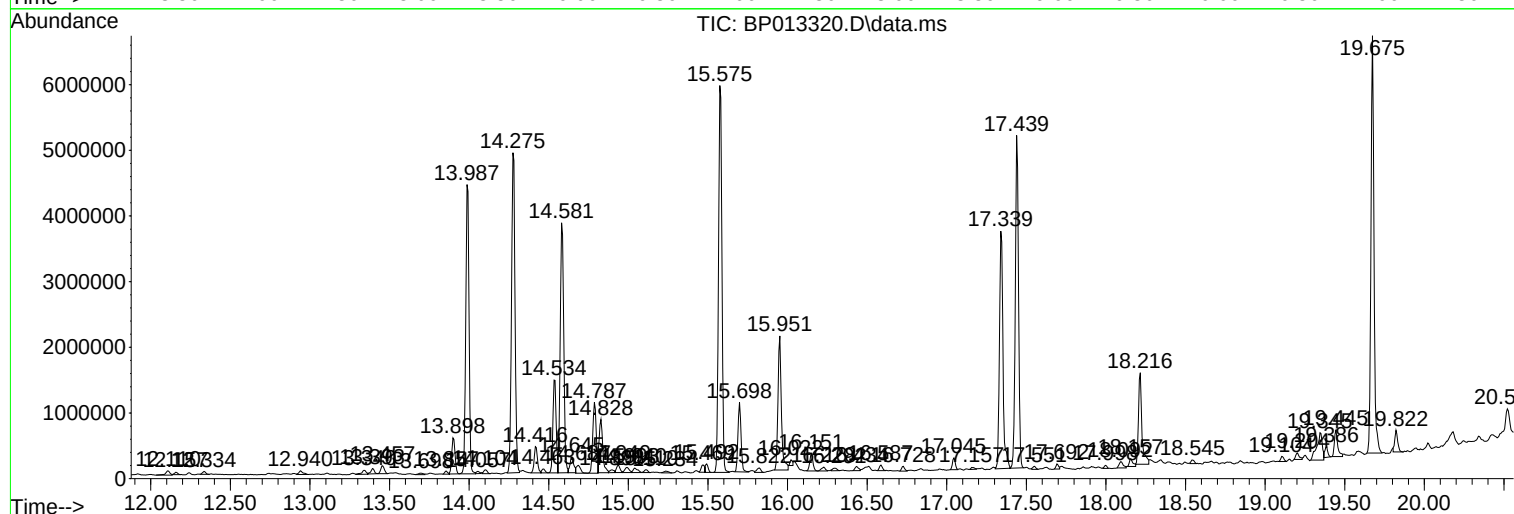
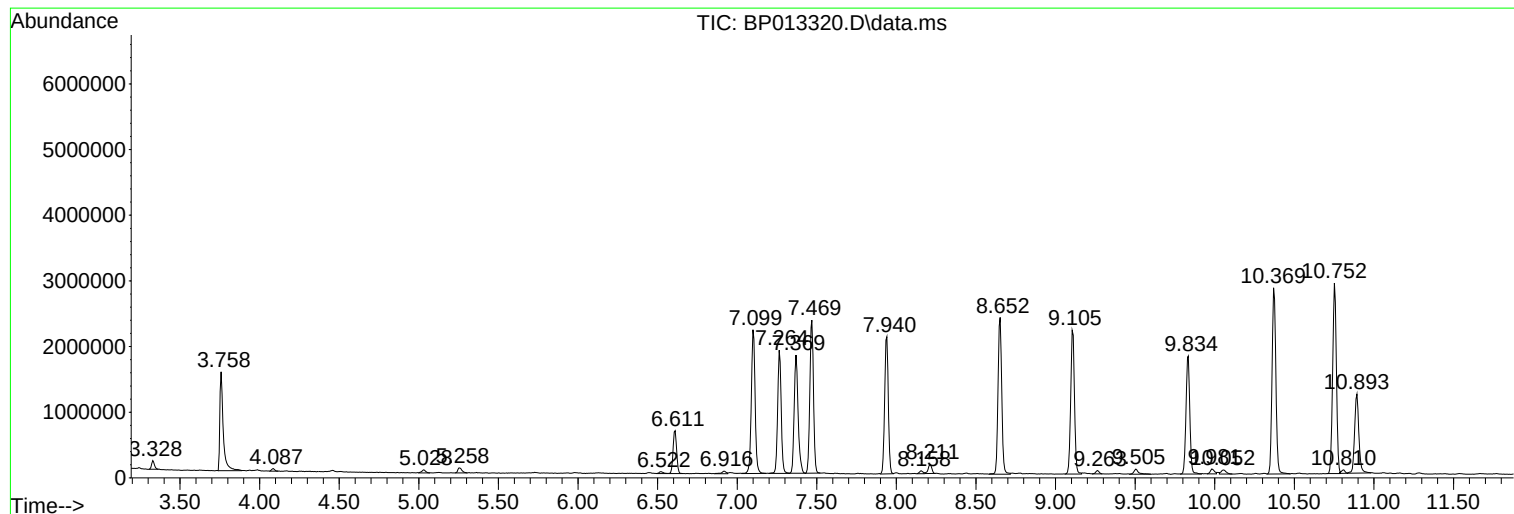
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Instrument :  
BNA\_P  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
Quant Title : SVOA CALIBRATION

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



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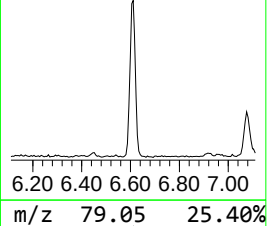
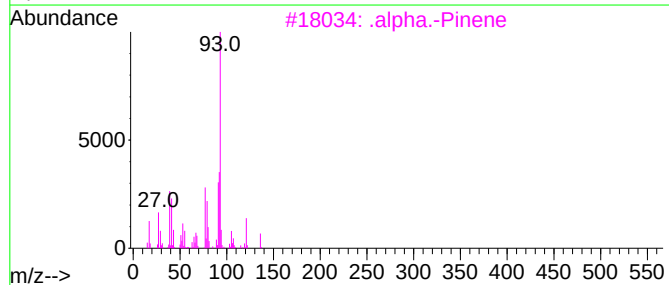
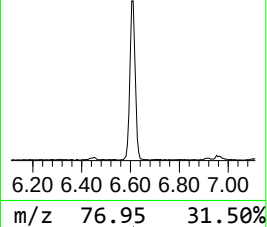
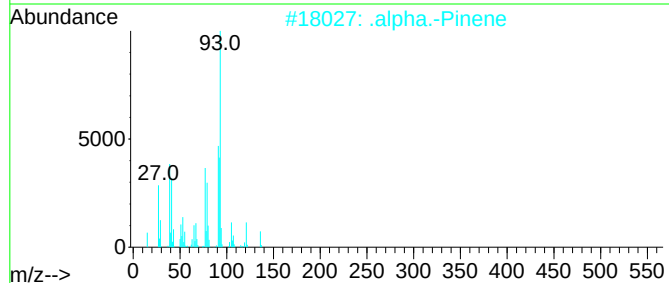
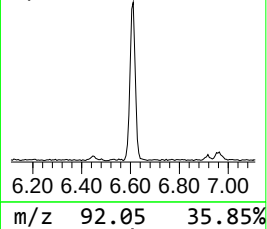
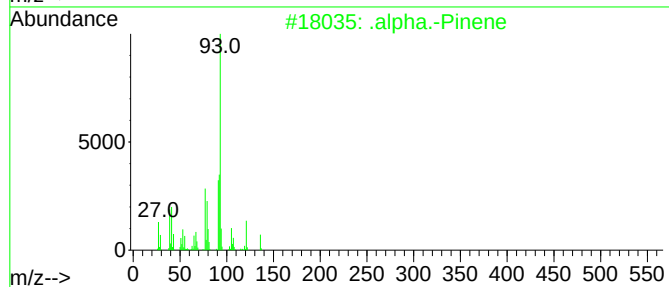
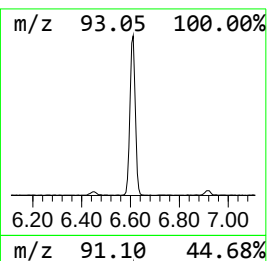
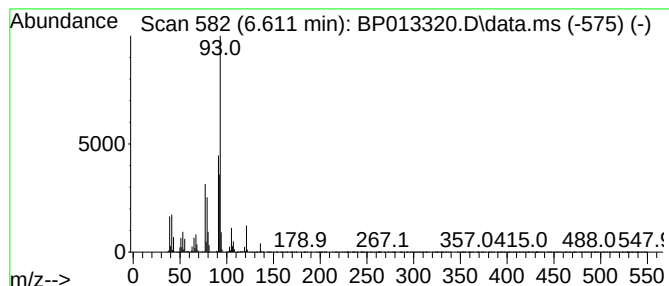
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 .alpha.-Pinene Concentration Rank 9

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 6.611 | 6.09 ng/ul | 1007700 | 1,4-Dichlorobenzene-d4 | 7.940 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    | .  |   | .alpha.-Pinene    | 136 | C10H16  | 000080-56-8 | 95   |
| 2    | .  |   | .alpha.-Pinene    | 136 | C10H16  | 000080-56-8 | 94   |
| 3    | .  |   | .alpha.-Pinene    | 136 | C10H16  | 000080-56-8 | 91   |
| 4    | 3  |   | Carene            | 136 | C10H16  | 013466-78-9 | 91   |
| 5    | .  |   | .gamma.-Terpinene | 136 | C10H16  | 000099-85-4 | 91   |



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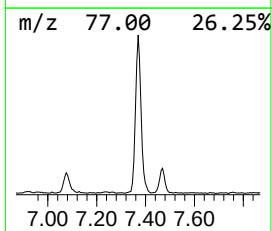
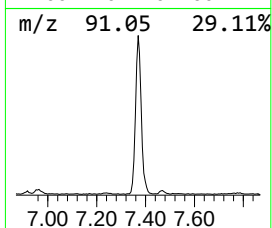
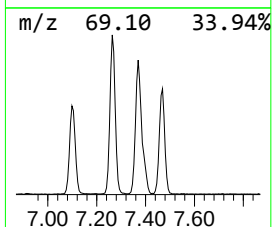
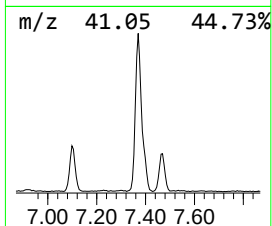
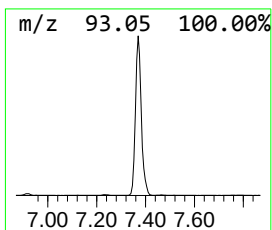
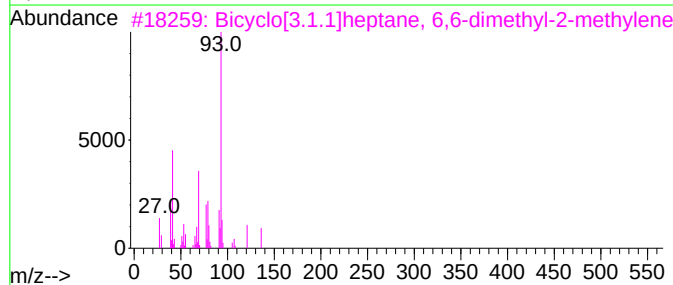
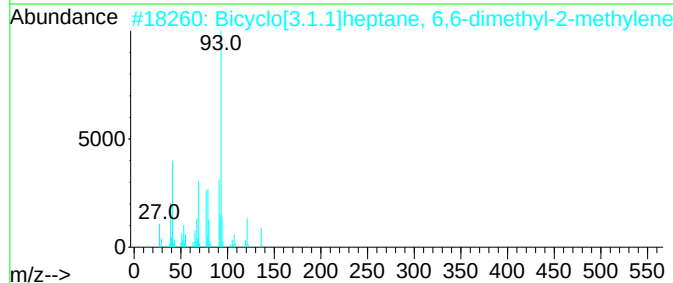
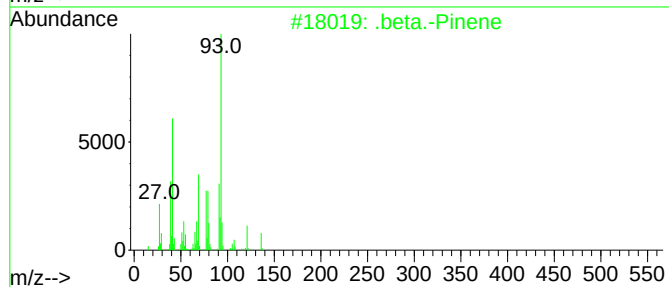
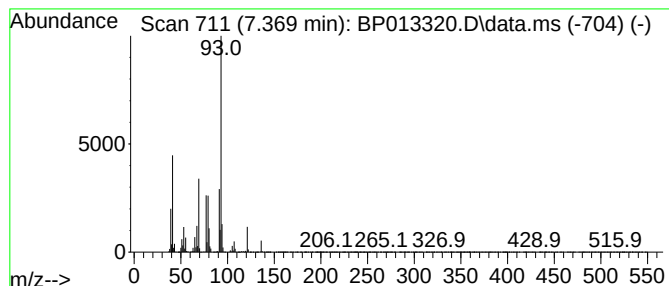
Instrument :  
BNA\_P  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 .beta.-Pinene Concentration Rank 3

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 7.369     | 18.40 ng/ul                         | 3047210 | 1,4-Dichlorobenzene-d4 | 7.940       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | .beta.-Pinene                       | 136     | C10H16                 | 000127-91-3 | 96   |
| 2         | Bicyclo[3.1.1]heptane, 6,6-dimet... | 136     | C10H16                 | 018172-67-3 | 91   |
| 3         | Bicyclo[3.1.1]heptane, 6,6-dimet... | 136     | C10H16                 | 018172-67-3 | 91   |
| 4         | .beta.-Pinene                       | 136     | C10H16                 | 000127-91-3 | 91   |
| 5         | Cyclohexene, 4-methylene-1-(1-me... | 136     | C10H16                 | 000099-84-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

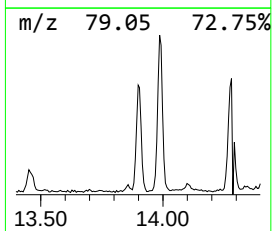
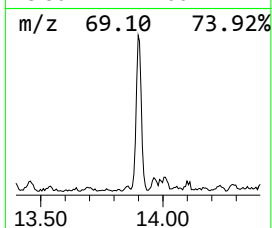
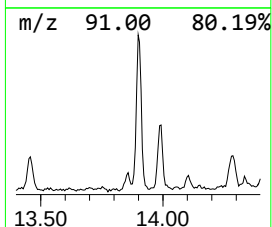
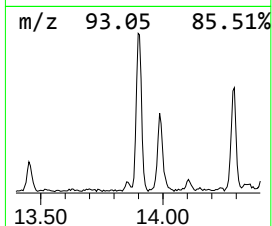
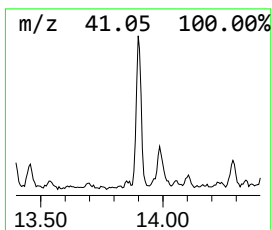
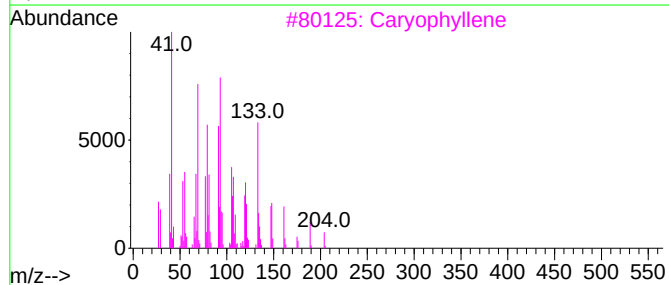
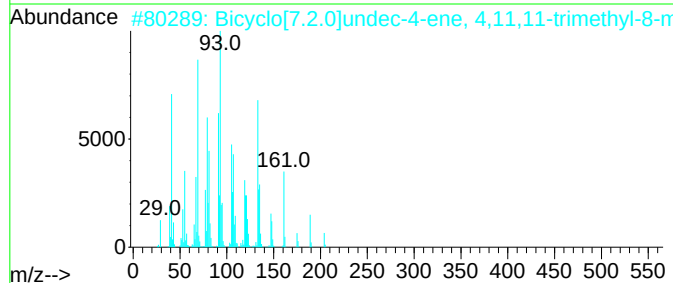
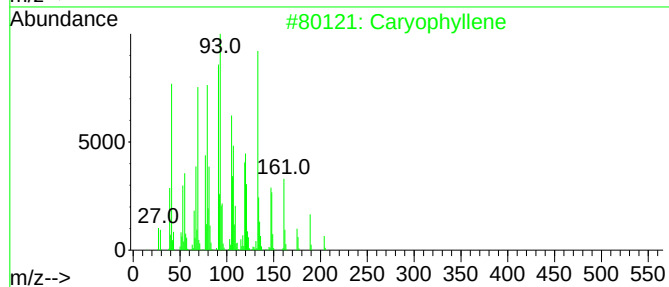
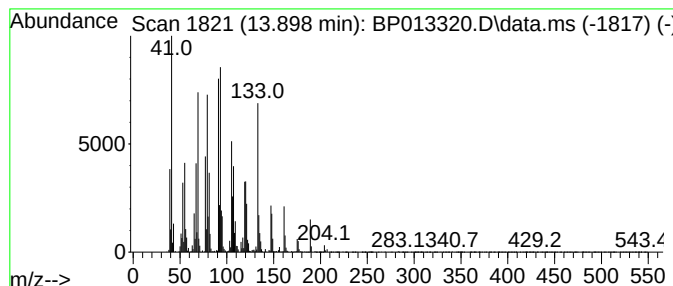
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Caryophyllene Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.899 | 2.72 ng/ul | 782322 | Acenaphthene-d10 | 14.581 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Caryophyllene                       | 204 | C15H24  | 000087-44-5 | 99   |
| 2    |    |   | Bicyclo[7.2.0]undec-4-ene, 4,11,... | 204 | C15H24  | 013877-93-5 | 93   |
| 3    |    |   | Caryophyllene                       | 204 | C15H24  | 000087-44-5 | 91   |
| 4    |    |   | Caryophyllene                       | 204 | C15H24  | 000087-44-5 | 91   |
| 5    |    |   | Bicyclo[7.2.0]undec-4-ene, 4,11,... | 204 | C15H24  | 000118-65-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

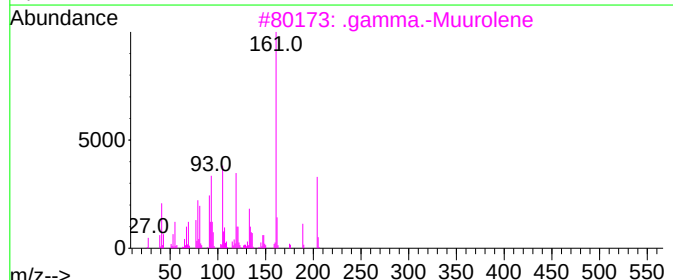
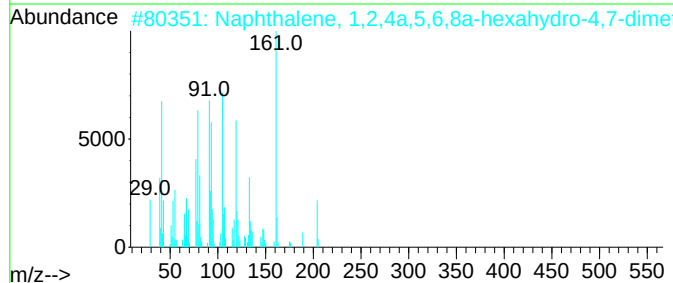
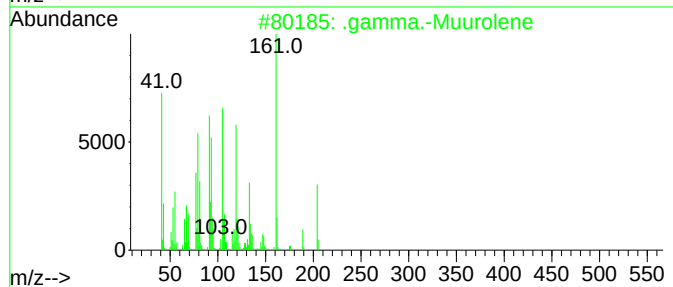
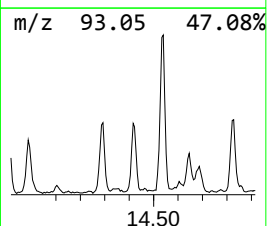
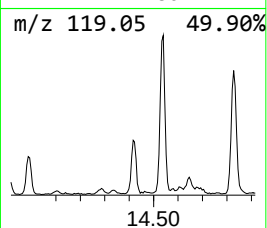
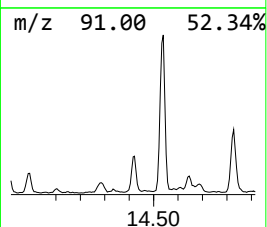
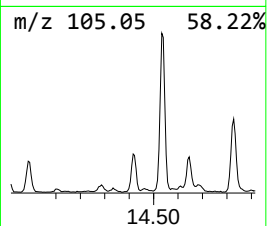
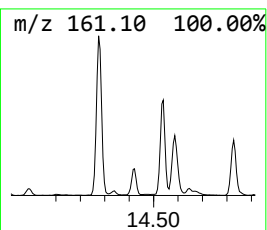
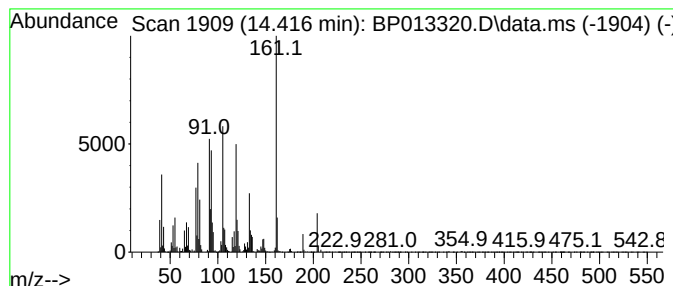
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 .gamma.-Muurolene Concentration Rank 14

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.416 | 2.01 ng/ul | 576863 | Acenaphthene-d10 | 14.581 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | .gamma.-Muurolene                   | 204 | C15H24  | 030021-74-0 | 98   |
| 2    |    |   | Naphthalene, 1,2,4a,5,6,8a-hexah... | 204 | C15H24  | 000483-75-0 | 98   |
| 3    |    |   | .gamma.-Muurolene                   | 204 | C15H24  | 030021-74-0 | 96   |
| 4    |    |   | Naphthalene, 1,2,3,4,4a,5,6,8a-o... | 204 | C15H24  | 039029-41-9 | 94   |
| 5    |    |   | Germacrene D                        | 204 | C15H24  | 023986-74-5 | 94   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

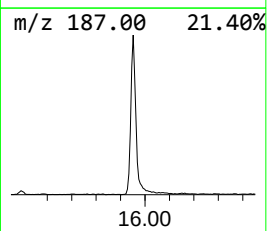
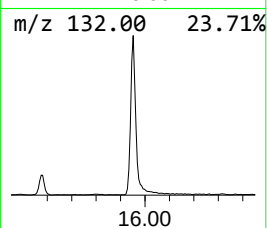
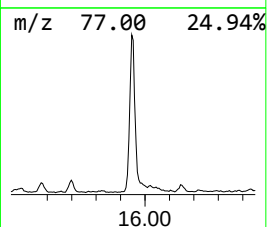
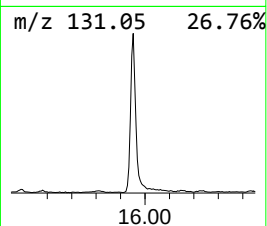
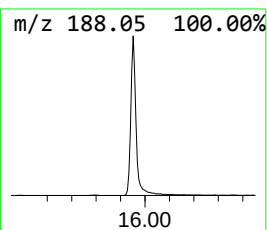
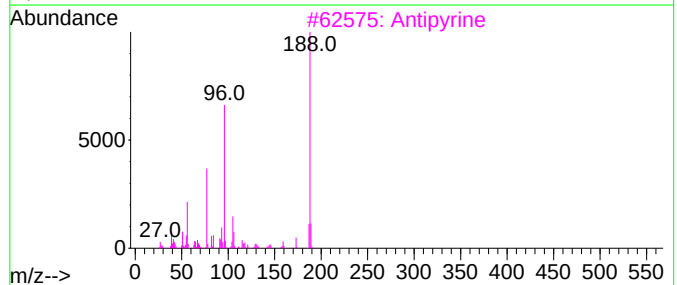
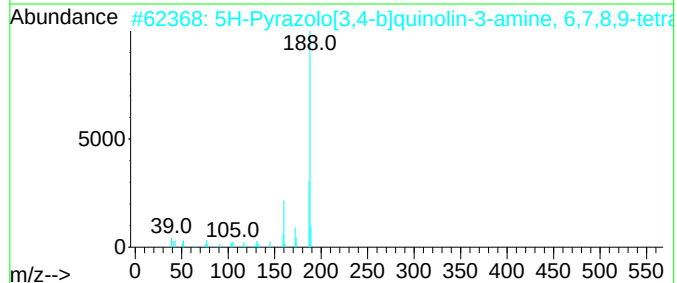
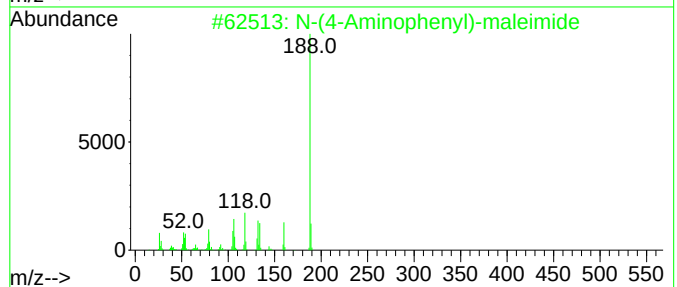
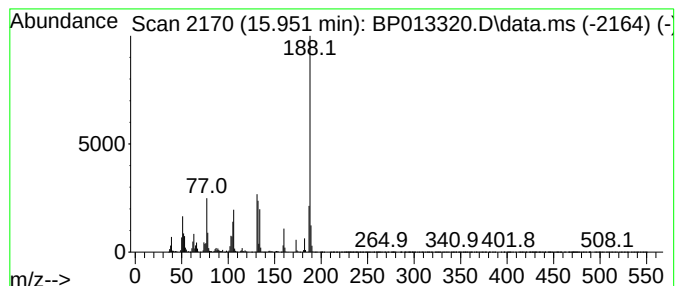
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 unknown-01 Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 15.951 | 10.65 ng/ul | 3059920 | Acenaphthene-d10 | 14.581 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | N-(4-Aminophenyl)-maleimide         | 188 | C10H8N2O2 | 029753-26-2  | 47   |
| 2    |    |   | 5H-Pyrazolo[3,4-b]quinolin-3-ami... | 188 | C10H12N4  | 1000362-40-8 | 46   |
| 3    |    |   | Antipyrine                          | 188 | C11H12N2O | 000060-80-0  | 38   |
| 4    |    |   | 1H-Pyrazole-4-carbaldehyde, 3-(3... | 188 | C10H8N2O2 | 1000316-71-6 | 37   |
| 5    |    |   | 2-Methylinden-3-one carboxylic acid | 188 | C11H8O3   | 1000214-94-6 | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

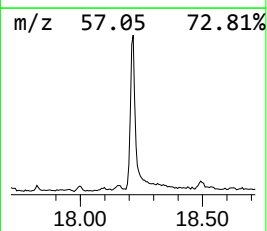
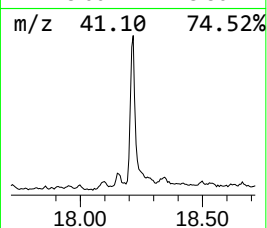
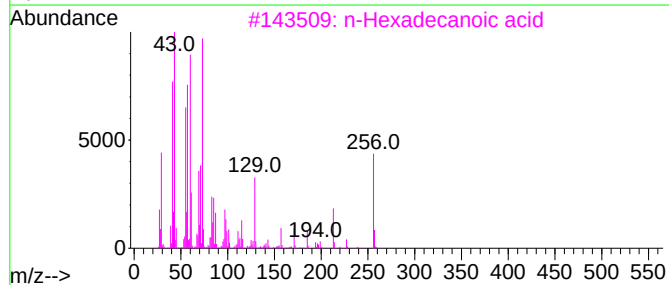
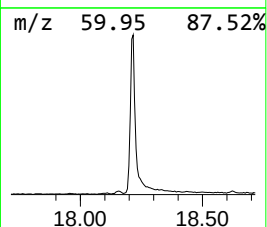
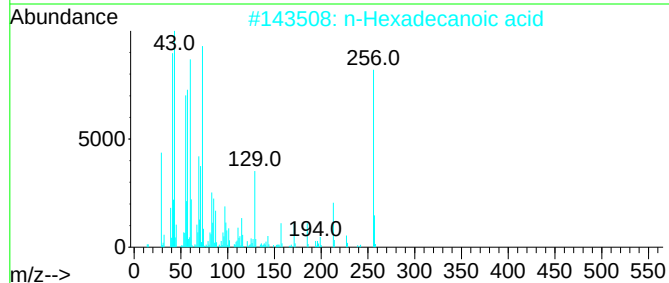
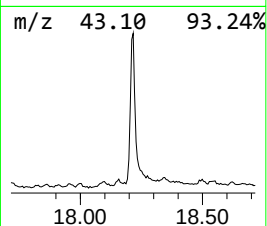
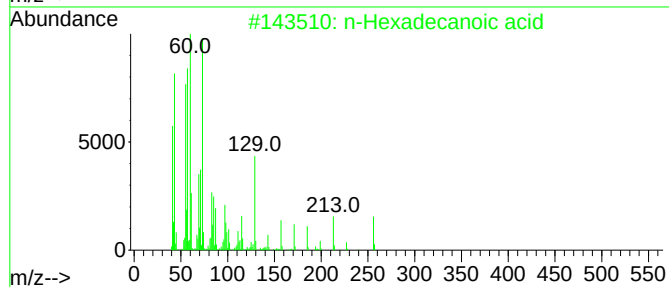
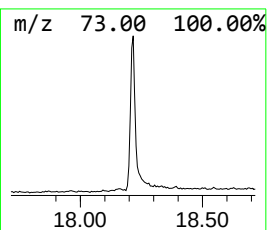
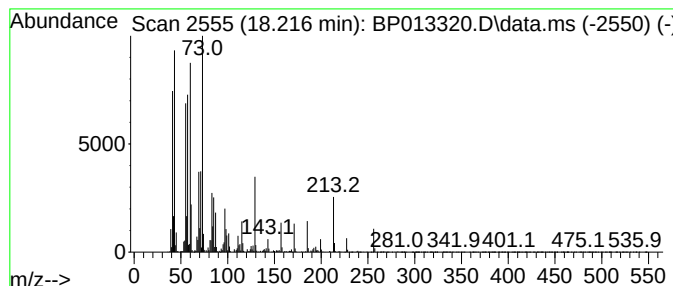
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.216 | 7.41 ng/ul | 2055710 | Phenanthrene-d10 | 17.339 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
Quant Title : SVOA CALIBRATION

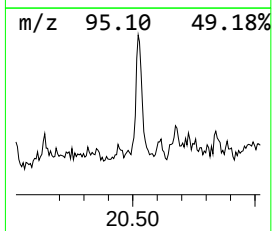
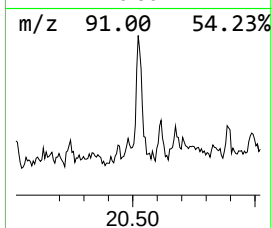
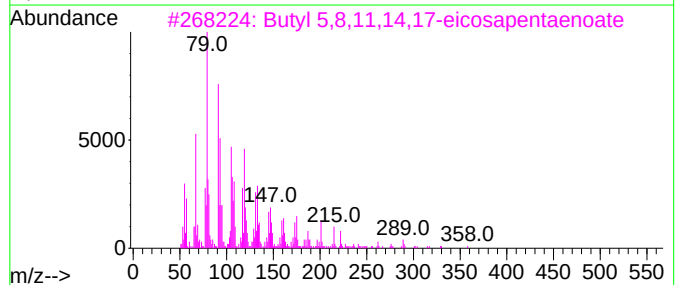
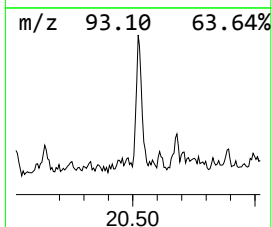
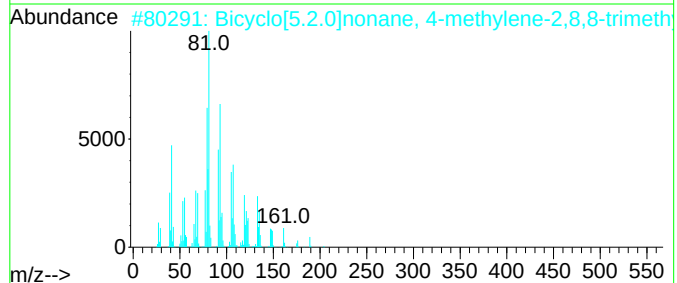
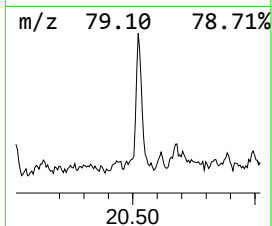
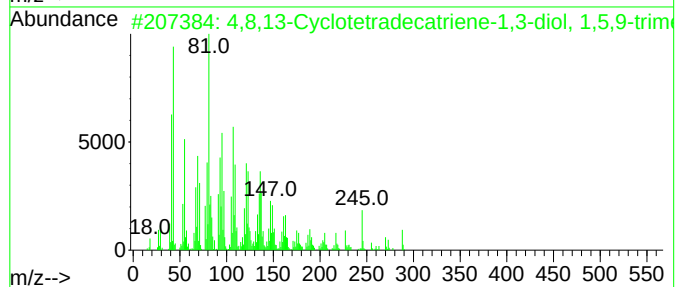
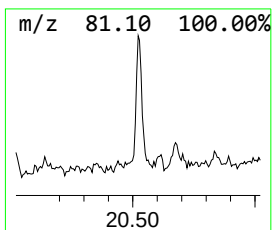
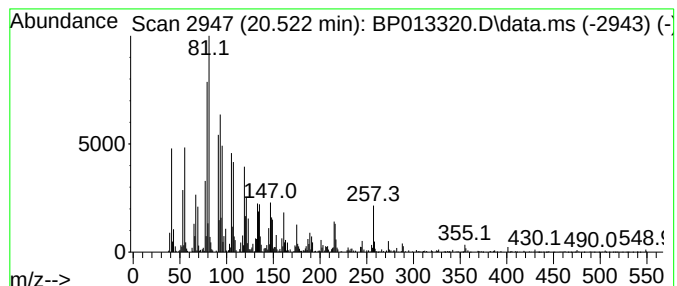
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 4,8,13-Cyclotetradecatriene... Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.522 | 2.41 ng/ul | 760975 | Chrysene-d12     | 21.433 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 4,8,13-Cyclotetradecatriene-1,3-... | 306 | C20H34O2     | 007220-78-2  | 50      |      |      |
| 2    | Bicyclo[5.2.0]nonane, 4-methylen... | 204 | C15H24       | 1000159-38-2 | 50      |      |      |
| 3    | Butyl 5,8,11,14,17-eicosapentaen... | 358 | C24H38O2     | 1000336-76-3 | 38      |      |      |
| 4    | 1,5-Cyclooctadiene, 3-(1-methyl-... | 162 | C12H18       | 016538-88-8  | 38      |      |      |
| 5    | 1,4-Cyclooctadiene, 6-bromo-        | 186 | C8H11Br      | 023359-89-9  | 30      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

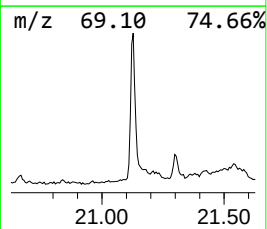
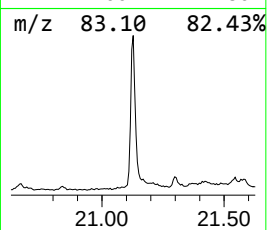
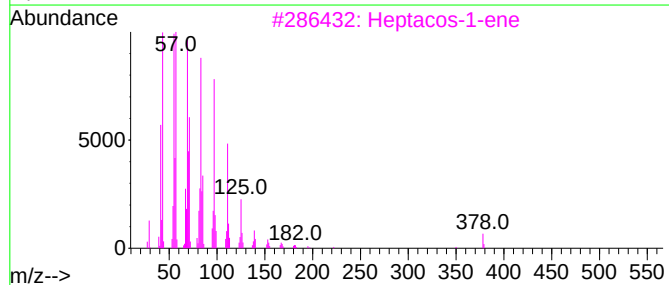
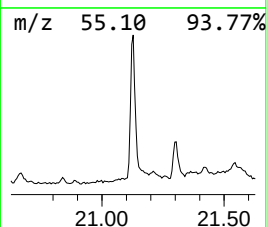
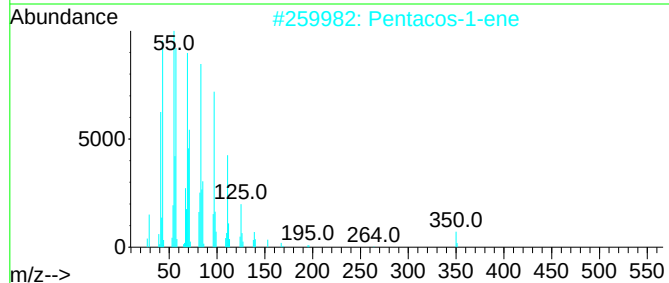
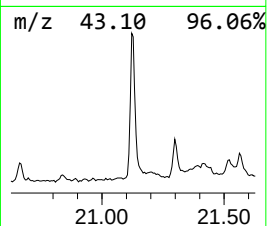
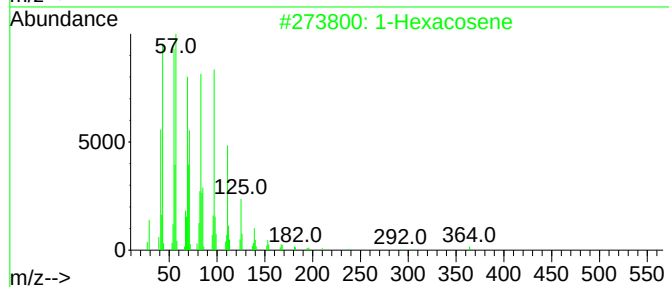
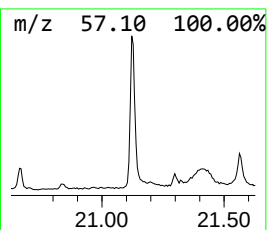
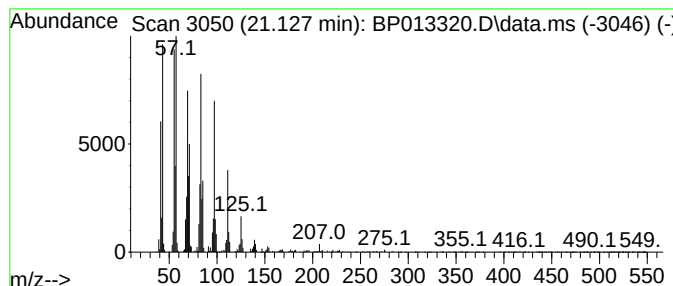
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.      | EstConc          | Area    | Relative to ISTD | R.T.        |      |
|-----------|------------------|---------|------------------|-------------|------|
| 21.128    | 8.38 ng/ul       | 2642110 | Chrysene-d12     | 21.433      |      |
| Hit# of 5 | Tentative ID     | MW      | MolForm          | CAS#        | Qual |
| 1         | 1-Hexacosene     | 364     | C26H52           | 018835-33-1 | 94   |
| 2         | Pentacos-1-ene   | 350     | C25H50           | 016980-85-1 | 94   |
| 3         | Heptacos-1-ene   | 378     | C27H54           | 015306-27-1 | 94   |
| 4         | 1-Heneicosanol   | 312     | C21H44O          | 015594-90-8 | 93   |
| 5         | E-14-Hexadecenal | 238     | C16H30O          | 330207-53-9 | 92   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

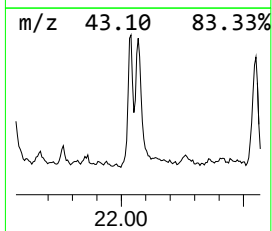
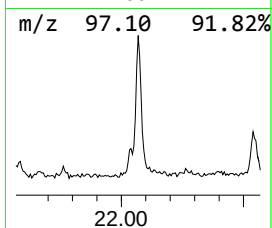
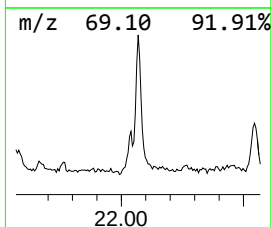
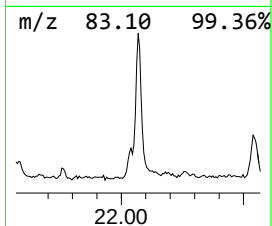
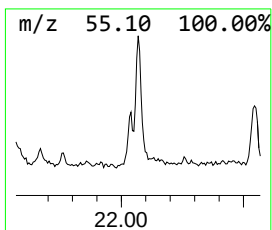
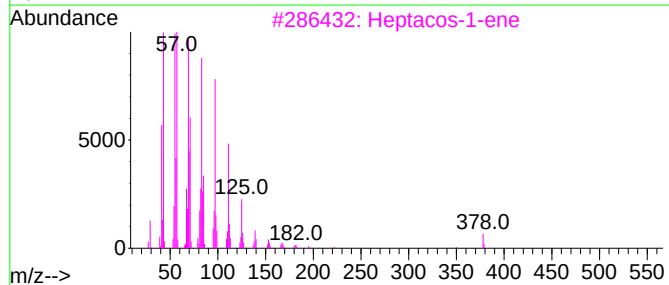
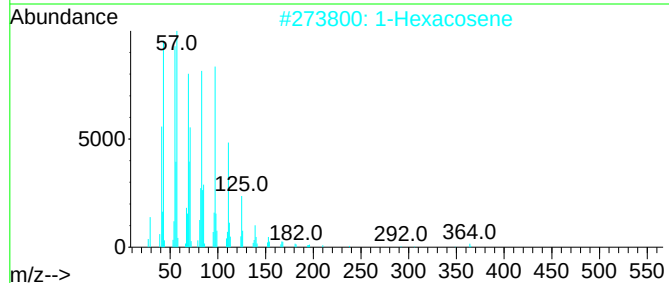
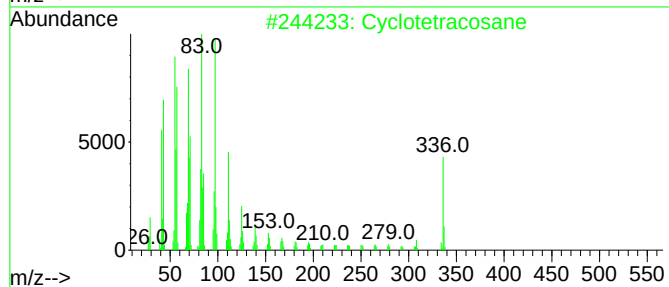
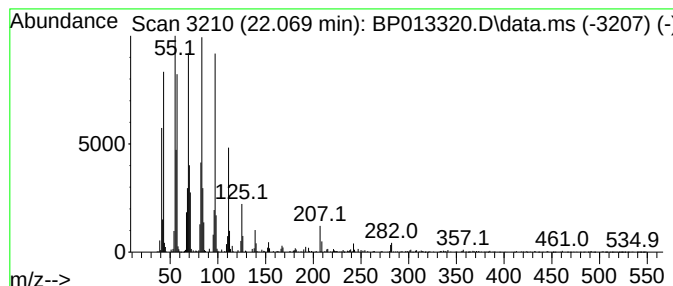
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Cyclic22.069 Concentration Rank 11

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 22.069 | 3.74 ng/ul | 1180470 | Chrysene-d12     | 21.433 |

| Hit# | of 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|------|------------------|-----|---------|-------------|------|
| 1    |      | Cyclotetracosane | 336 | C24H48  | 000297-03-0 | 93   |
| 2    |      | 1-Hexacosene     | 364 | C26H52  | 018835-33-1 | 91   |
| 3    |      | Heptacos-1-ene   | 378 | C27H54  | 015306-27-1 | 91   |
| 4    |      | 1-Heneicosanol   | 312 | C21H44O | 015594-90-8 | 91   |
| 5    |      | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

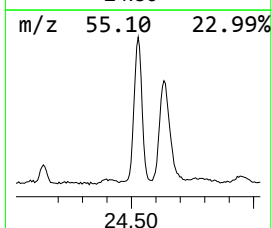
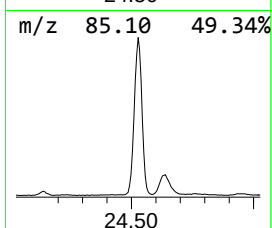
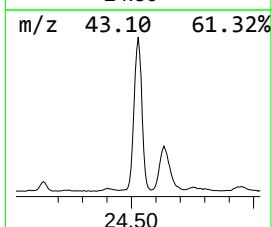
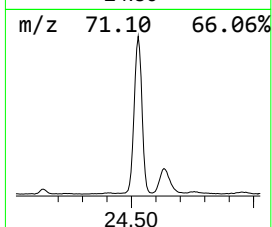
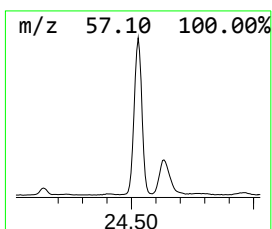
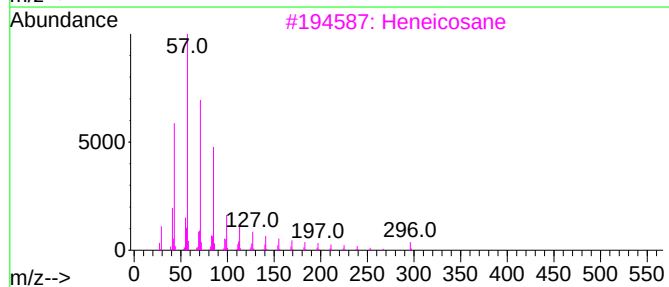
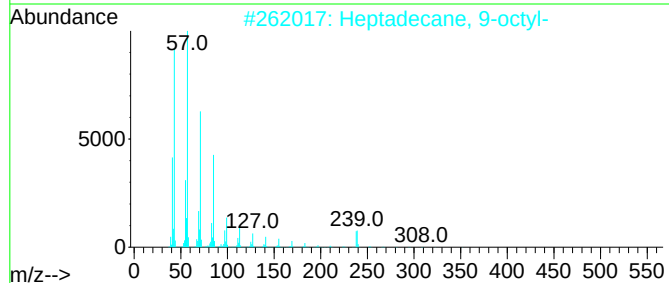
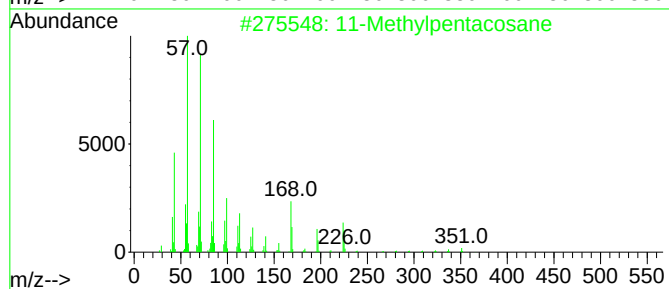
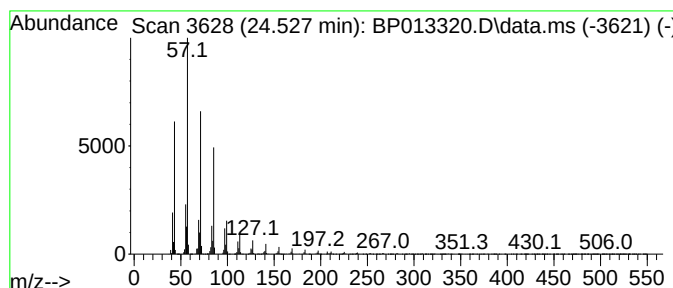
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.527 | 26.61 ng/ul | 8541730 | Perylene-d12     | 23.910 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 11-Methylpentacosane   |   |              | 366 | C26H54  | 015689-71-1 | 95   |
| 2    | Heptadecane, 9-octyl-  |   |              | 352 | C25H52  | 007225-64-1 | 95   |
| 3    | Heneicosane            |   |              | 296 | C21H44  | 000629-94-7 | 95   |
| 4    | Heneicosane, 11-decyl- |   |              | 437 | C31H64  | 055320-06-4 | 95   |
| 5    | Nonacosane             |   |              | 408 | C29H60  | 000630-03-5 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

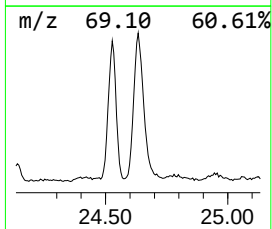
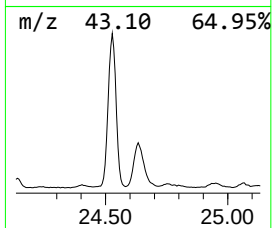
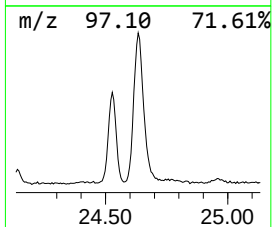
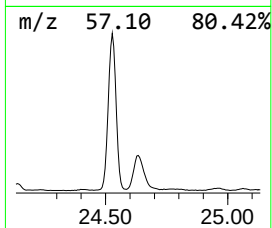
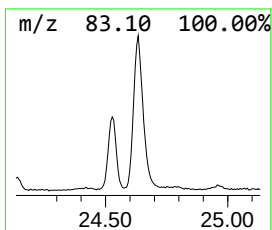
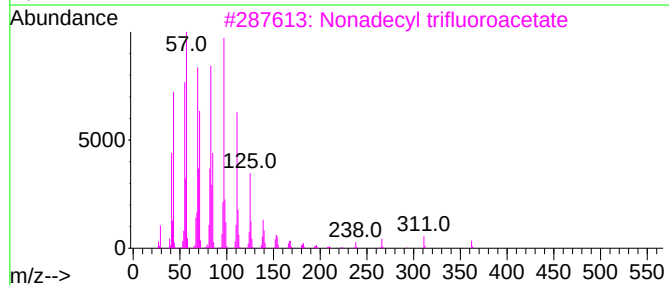
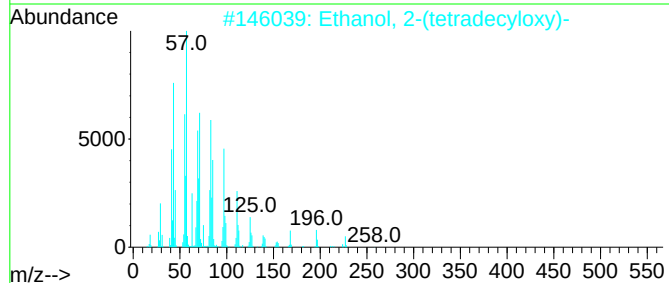
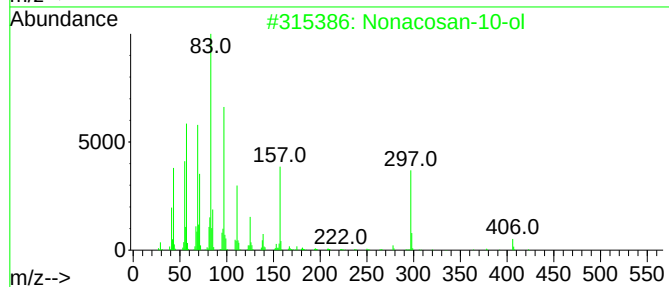
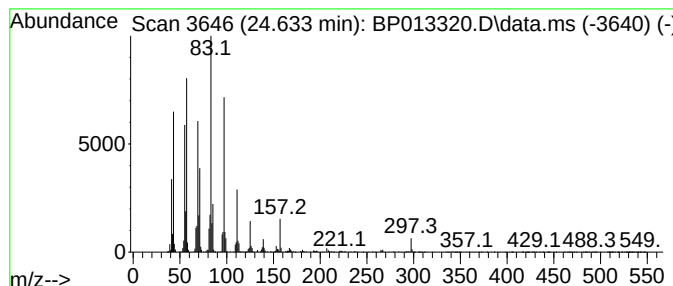
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 Nonacosan-10-ol Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.633 | 14.93 ng/ul | 4792720 | Perylene-d12     | 23.910 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Nonacosan-10-ol                     | 424 | C29H60O    | 000504-55-2  | 91   |
| 2    |    |   | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2   | 002136-70-1  | 70   |
| 3    |    |   | Nonadecyl trifluoroacetate          | 380 | C21H39F3O2 | 1000351-76-3 | 58   |
| 4    |    |   | Eicosyl trifluoroacetate            | 394 | C22H41F3O2 | 1000351-75-2 | 58   |
| 5    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7  | 58   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

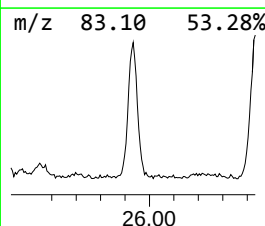
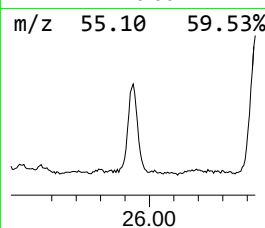
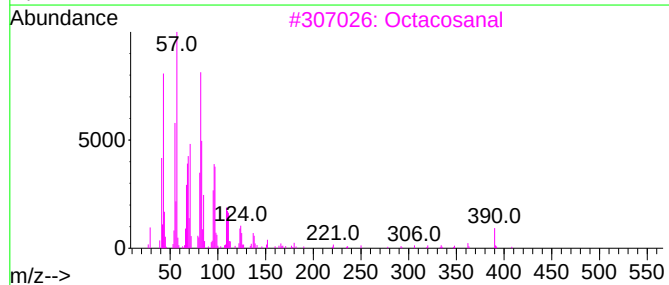
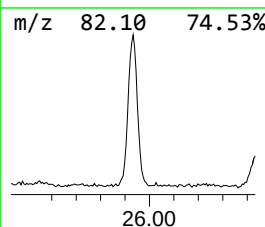
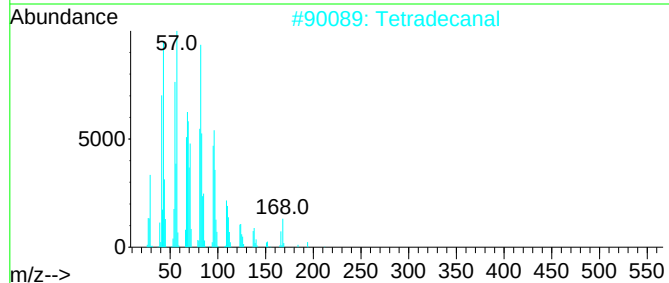
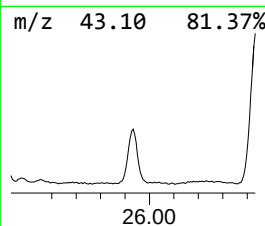
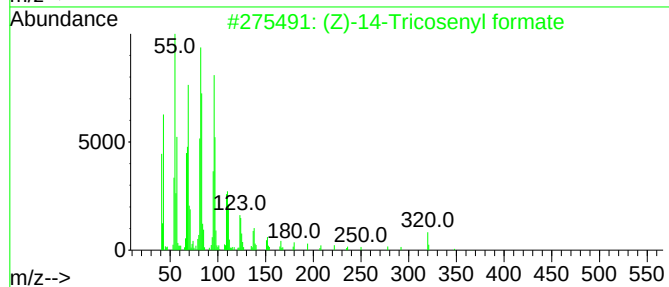
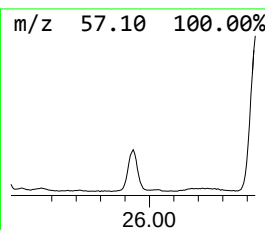
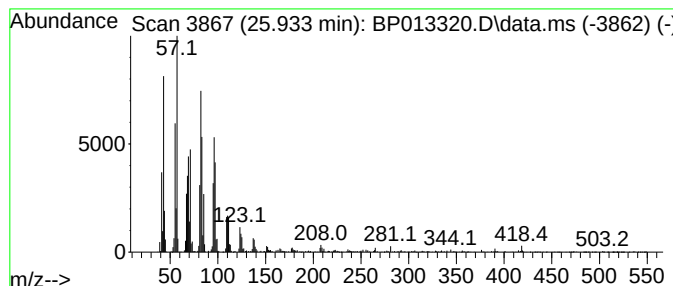
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 (Z)-14-Tricosenyl formate Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 25.933 | 9.13 ng/ul | 2930570 | Perylene-d12     | 23.910 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 89   |
| 2    |    |   | Tetradecanal              | 212 | C14H28O  | 000124-25-4 | 87   |
| 3    |    |   | Octacosanal               | 408 | C28H56O  | 022725-64-0 | 87   |
| 4    |    |   | Octadecanal               | 268 | C18H36O  | 000638-66-4 | 83   |
| 5    |    |   | Heptacosanal              | 394 | C27H54O  | 072934-03-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

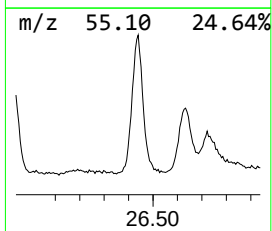
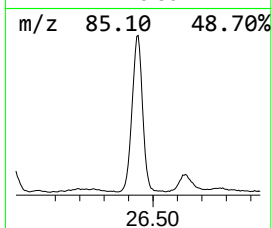
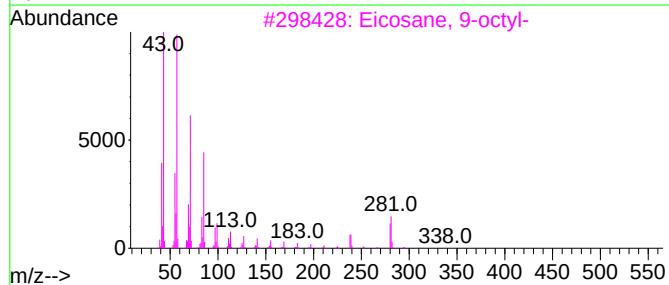
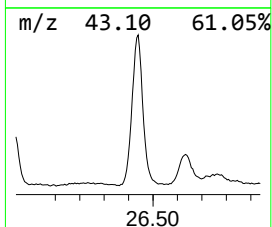
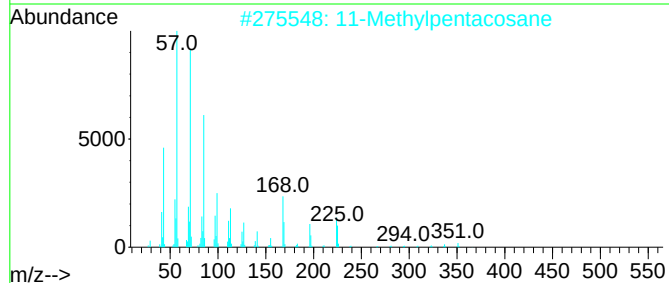
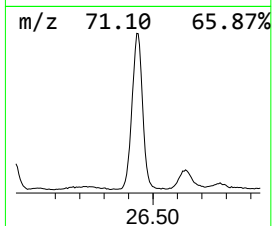
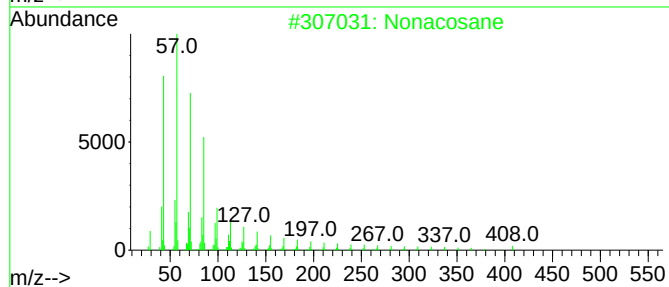
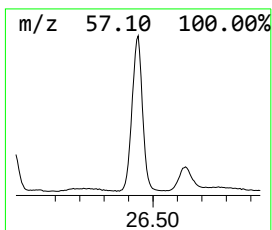
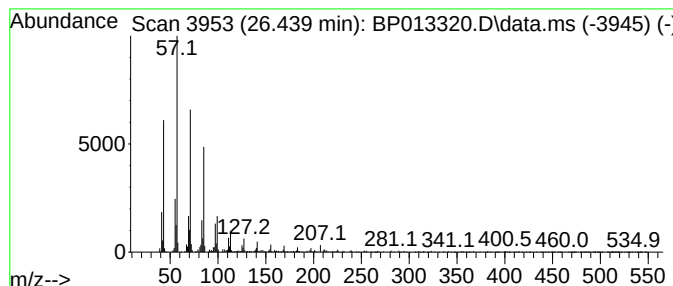
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 26.439 | 24.40 ng/ul | 7831920 | Perylene-d12     | 23.910 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonacosane            | 408 | C29H60  | 000630-03-5 | 96   |
| 2    |    |   | 11-Methylpentacosane  | 366 | C26H54  | 015689-71-1 | 95   |
| 3    |    |   | Eicosane, 9-octyl-    | 394 | C28H58  | 013475-77-9 | 94   |
| 4    |    |   | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 94   |
| 5    |    |   | Tetracosane           | 338 | C24H50  | 000646-31-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122422\  
Data File : BP013320.D  
Acq On : 25 Dec 2022 03:05  
Operator : CG/JU  
Sample : N6018-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DBYJ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.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 |
| .alpha.-Pinene     | 6.611  | 6.1     | ng/ul | 1007700  | 1                     | 7.940  | 3311570 | 20.0 |
| .beta.-Pinene      | 7.369  | 18.4    | ng/ul | 3047210  | 1                     | 7.940  | 3311570 | 20.0 |
| Caryophyllene      | 13.899 | 2.7     | ng/ul | 782322   | 3                     | 14.581 | 5747170 | 20.0 |
| .gamma.-Muurolene  | 14.416 | 2.0     | ng/ul | 576863   | 3                     | 14.581 | 5747170 | 20.0 |
| unknown-01         | 15.951 | 10.7    | ng/ul | 3059920  | 3                     | 14.581 | 5747170 | 20.0 |
| n-Hexadecanoic ... | 18.216 | 7.4     | ng/ul | 2055710  | 4                     | 17.339 | 5547200 | 20.0 |
| 4,8,13-Cyclotet... | 20.522 | 2.4     | ng/ul | 760975   | 5                     | 21.433 | 6304550 | 20.0 |
| (DEL) Alkane: S... | 21.128 | 8.4     | ng/ul | 2642110  | 5                     | 21.433 | 6304550 | 20.0 |
| 1-Naphthaleneca... | 21.304 | 5.1     | ng/ul | 1606780  | 5                     | 21.433 | 6304550 | 20.0 |
| (DEL) Alkane: C... | 22.069 | 3.7     | ng/ul | 1180470  | 5                     | 21.433 | 6304550 | 20.0 |
| (DEL) Alkane: S... | 24.527 | 26.6    | ng/ul | 8541730  | 6                     | 23.910 | 6419270 | 20.0 |
| Nonacosan-10-ol    | 24.633 | 14.9    | ng/ul | 4792720  | 6                     | 23.910 | 6419270 | 20.0 |
| (Z)-14-Tricosen... | 25.933 | 9.1     | ng/ul | 2930570  | 6                     | 23.910 | 6419270 | 20.0 |
| (DEL) Alkane: S... | 26.439 | 24.4    | ng/ul | 7831920  | 6                     | 23.910 | 6419270 | 20.0 |