

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
 Data File : BP018084.D  
 Acq On : 12 Nov 2023 01:57  
 Operator : MA/JU  
 Sample : 05091-09DL 5X  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKI6DL

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-BP111023.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018084.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         | 3.846       | 127           | 129         | 133          | rVB3     | 5181           | 4745          | 0.21%           | 0.022%        |
| 2         | 4.322       | 209           | 210         | 213          | rVB4     | 5343           | 4811          | 0.21%           | 0.022%        |
| 3         | 4.893       | 303           | 307         | 308          | rBV4     | 4735           | 6285          | 0.28%           | 0.028%        |
| 4         | 6.546       | 584           | 588         | 591          | rVB6     | 1884           | 3554          | 0.16%           | 0.016%        |
| 5         | 7.046       | 666           | 673         | 689          | rBV4     | 22242          | 82725         | 3.69%           | 0.375%        |
| 6         | 7.205       | 694           | 700         | 708          | rBV      | 19194          | 36077         | 1.61%           | 0.163%        |
| 7         | 7.381       | 723           | 730         | 738          | rBV      | 30435          | 60013         | 2.68%           | 0.272%        |
| 8         | 7.846       | 802           | 809         | 821          | rBV      | 316249         | 525872        | 23.47%          | 2.383%        |
| 9         | 7.934       | 821           | 824         | 827          | rVV5     | 3957           | 6151          | 0.27%           | 0.028%        |
| 10        | 7.987       | 830           | 833         | 835          | rVV4     | 2451           | 3665          | 0.16%           | 0.017%        |
| 11        | 8.010       | 835           | 837         | 840          | rVV4     | 3103           | 3885          | 0.17%           | 0.018%        |
| 12        | 8.069       | 844           | 847         | 855          | rVB7     | 5120           | 9064          | 0.40%           | 0.041%        |
| 13        | 8.381       | 895           | 900         | 904          | rBV7     | 6854           | 12962         | 0.58%           | 0.059%        |
| 14        | 8.605       | 930           | 938         | 946          | rVV4     | 19340          | 49894         | 2.23%           | 0.226%        |
| 15        | 8.716       | 952           | 957         | 966          | rBV      | 36110          | 73577         | 3.28%           | 0.333%        |
| 16        | 9.069       | 1010          | 1017        | 1026         | rVV      | 24118          | 52956         | 2.36%           | 0.240%        |
| 17        | 9.775       | 1131          | 1137        | 1149         | rBV5     | 21167          | 48935         | 2.18%           | 0.222%        |
| 18        | 9.993       | 1168          | 1174        | 1175         | rBV6     | 5270           | 8942          | 0.40%           | 0.041%        |
| 19        | 10.004      | 1175          | 1176        | 1182         | rVV6     | 5441           | 9873          | 0.44%           | 0.045%        |
| 20        | 10.169      | 1202          | 1204        | 1211         | rVB8     | 3506           | 4597          | 0.21%           | 0.021%        |
| 21        | 10.334      | 1226          | 1232        | 1246         | rBV4     | 21541          | 62874         | 2.81%           | 0.285%        |
| 22        | 10.669      | 1280          | 1289        | 1304         | rBV      | 415538         | 736499        | 32.86%          | 3.338%        |
| 23        | 10.804      | 1311          | 1312        | 1319         | rVB7     | 2776           | 3534          | 0.16%           | 0.016%        |
| 24        | 10.881      | 1319          | 1325        | 1336         | rBV4     | 10535          | 29823         | 1.33%           | 0.135%        |
| 25        | 11.587      | 1438          | 1445        | 1450         | rBV4     | 2172           | 4853          | 0.22%           | 0.022%        |
| 26        | 12.346      | 1568          | 1574        | 1581         | rVB3     | 9191           | 19530         | 0.87%           | 0.089%        |
| 27        | 12.704      | 1630          | 1635        | 1639         | rBV7     | 2874           | 5206          | 0.23%           | 0.024%        |
| 28        | 12.828      | 1651          | 1656        | 1663         | rBV2     | 39828          | 64489         | 2.88%           | 0.292%        |
| 29        | 12.898      | 1663          | 1668        | 1682         | rVB      | 81240          | 156776        | 7.00%           | 0.710%        |
| 30        | 13.363      | 1741          | 1747        | 1750         | rBV4     | 15415          | 26626         | 1.19%           | 0.121%        |
| 31        | 13.404      | 1750          | 1754        | 1759         | rVV7     | 8465           | 16036         | 0.72%           | 0.073%        |
| 32        | 13.469      | 1759          | 1765        | 1773         | rVV3     | 25033          | 45716         | 2.04%           | 0.207%        |
| 33        | 13.551      | 1773          | 1779        | 1785         | rVV      | 35572          | 63001         | 2.81%           | 0.286%        |
| 34        | 13.610      | 1785          | 1789        | 1798         | rVB2     | 28247          | 57151         | 2.55%           | 0.259%        |
| 35        | 13.728      | 1806          | 1809        | 1813         | rVB6     | 2956           | 4022          | 0.18%           | 0.018%        |
| 36        | 13.840      | 1823          | 1828        | 1831         | rBV7     | 3173           | 5745          | 0.26%           | 0.026%        |

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 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKI6DL

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-BP111023.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.945 | 1841 | 1846 | 1856 | rBV  | 72709   | 116126  | 5.18%  | 0.526% |
| 38 | 14.063 | 1864 | 1866 | 1874 | rBV9 | 3703    | 6987    | 0.31%  | 0.032% |
| 39 | 14.222 | 1887 | 1893 | 1897 | rBV  | 83627   | 141358  | 6.31%  | 0.641% |
| 40 | 14.522 | 1937 | 1944 | 1951 | rBV  | 658839  | 959963  | 42.84% | 4.350% |
| 41 | 14.587 | 1951 | 1955 | 1963 | rVV  | 34557   | 53395   | 2.38%  | 0.242% |
| 42 | 14.657 | 1963 | 1967 | 1968 | rVB4 | 2988    | 3548    | 0.16%  | 0.016% |
| 43 | 14.822 | 1993 | 1995 | 1999 | rBV4 | 3890    | 5208    | 0.23%  | 0.024% |
| 44 | 14.934 | 2007 | 2014 | 2021 | rVB  | 19324   | 35338   | 1.58%  | 0.160% |
| 45 | 15.304 | 2073 | 2077 | 2080 | rBV6 | 5514    | 6898    | 0.31%  | 0.031% |
| 46 | 15.528 | 2109 | 2115 | 2120 | rVV  | 112515  | 173273  | 7.73%  | 0.785% |
| 47 | 15.581 | 2120 | 2124 | 2135 | rVB  | 55415   | 94100   | 4.20%  | 0.426% |
| 48 | 15.704 | 2139 | 2145 | 2150 | rVV6 | 19087   | 33858   | 1.51%  | 0.153% |
| 49 | 15.875 | 2171 | 2174 | 2179 | rVB7 | 5950    | 9047    | 0.40%  | 0.041% |
| 50 | 15.998 | 2193 | 2195 | 2197 | rBV3 | 4050    | 3944    | 0.18%  | 0.018% |
| 51 | 16.116 | 2211 | 2215 | 2219 | rBV7 | 4888    | 7434    | 0.33%  | 0.034% |
| 52 | 16.175 | 2222 | 2225 | 2228 | rVV4 | 11022   | 15745   | 0.70%  | 0.071% |
| 53 | 16.210 | 2229 | 2231 | 2236 | rVB5 | 10868   | 14794   | 0.66%  | 0.067% |
| 54 | 16.298 | 2242 | 2246 | 2251 | rBV4 | 14042   | 21408   | 0.96%  | 0.097% |
| 55 | 16.375 | 2255 | 2259 | 2260 | rBV4 | 4976    | 6594    | 0.29%  | 0.030% |
| 56 | 16.581 | 2292 | 2294 | 2299 | rVB6 | 12024   | 17800   | 0.79%  | 0.081% |
| 57 | 16.628 | 2299 | 2302 | 2303 | rBV3 | 4051    | 3969    | 0.18%  | 0.018% |
| 58 | 16.969 | 2352 | 2360 | 2364 | rBV4 | 20175   | 51504   | 2.30%  | 0.233% |
| 59 | 17.010 | 2364 | 2367 | 2376 | rVB7 | 19443   | 37167   | 1.66%  | 0.168% |
| 60 | 17.122 | 2383 | 2386 | 2391 | rVB  | 17981   | 22788   | 1.02%  | 0.103% |
| 61 | 17.304 | 2410 | 2417 | 2421 | rBV  | 842888  | 1219381 | 54.41% | 5.526% |
| 62 | 17.345 | 2421 | 2424 | 2429 | rVV  | 263694  | 358540  | 16.00% | 1.625% |
| 63 | 17.404 | 2429 | 2434 | 2436 | rVV  | 132368  | 206455  | 9.21%  | 0.936% |
| 64 | 17.439 | 2436 | 2440 | 2450 | rVV  | 1043842 | 1466689 | 65.45% | 6.647% |
| 65 | 17.522 | 2451 | 2454 | 2461 | rVB4 | 21528   | 40196   | 1.79%  | 0.182% |
| 66 | 17.598 | 2464 | 2467 | 2471 | rVV4 | 10987   | 14573   | 0.65%  | 0.066% |
| 67 | 17.739 | 2486 | 2491 | 2499 | rVB  | 97270   | 167021  | 7.45%  | 0.757% |
| 68 | 17.816 | 2501 | 2504 | 2508 | rVB  | 21562   | 24849   | 1.11%  | 0.113% |
| 69 | 18.169 | 2557 | 2564 | 2568 | rBV2 | 47534   | 101796  | 4.54%  | 0.461% |
| 70 | 18.216 | 2569 | 2572 | 2582 | rVB  | 44987   | 73852   | 3.30%  | 0.335% |
| 71 | 18.298 | 2582 | 2586 | 2591 | rBV  | 42899   | 61026   | 2.72%  | 0.277% |
| 72 | 18.363 | 2591 | 2597 | 2601 | rBV  | 153684  | 238836  | 10.66% | 1.082% |
| 73 | 18.657 | 2644 | 2647 | 2651 | rVB  | 51454   | 61340   | 2.74%  | 0.278% |
| 74 | 18.728 | 2655 | 2659 | 2664 | rVV3 | 71531   | 93001   | 4.15%  | 0.421% |
| 75 | 18.851 | 2678 | 2680 | 2684 | rVB4 | 23457   | 26234   | 1.17%  | 0.119% |
| 76 | 18.980 | 2699 | 2702 | 2706 | rBV5 | 24207   | 31050   | 1.39%  | 0.141% |

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 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCKI6DL

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-BP111023.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 19.051 | 2711 | 2714 | 2720 | rBV2 | 29370   | 42396   | 1.89%   | 0.192%  |
| 78  | 19.222 | 2738 | 2743 | 2751 | rVB  | 208601  | 312735  | 13.95%  | 1.417%  |
| 79  | 19.322 | 2755 | 2760 | 2768 | rVV  | 1446590 | 2060175 | 91.93%  | 9.336%  |
| 80  | 19.563 | 2798 | 2801 | 2808 | rVB2 | 84863   | 142144  | 6.34%   | 0.644%  |
| 81  | 19.651 | 2810 | 2816 | 2818 | rBV2 | 368379  | 626861  | 27.97%  | 2.841%  |
| 82  | 19.686 | 2818 | 2822 | 2828 | rVV  | 1532790 | 1995731 | 89.05%  | 9.044%  |
| 83  | 19.745 | 2829 | 2832 | 2838 | rVB3 | 54453   | 78078   | 3.48%   | 0.354%  |
| 84  | 19.857 | 2847 | 2851 | 2856 | rBV  | 123665  | 159336  | 7.11%   | 0.722%  |
| 85  | 19.992 | 2870 | 2874 | 2882 | rVB3 | 93170   | 209993  | 9.37%   | 0.952%  |
| 86  | 20.145 | 2895 | 2900 | 2901 | rBV  | 70424   | 122300  | 5.46%   | 0.554%  |
| 87  | 20.163 | 2901 | 2903 | 2910 | rVB  | 173200  | 208555  | 9.31%   | 0.945%  |
| 88  | 20.263 | 2917 | 2920 | 2923 | rBV2 | 136419  | 160765  | 7.17%   | 0.729%  |
| 89  | 20.457 | 2950 | 2953 | 2958 | rBV  | 95192   | 107862  | 4.81%   | 0.489%  |
| 90  | 20.504 | 2958 | 2961 | 2965 | rVV2 | 65381   | 79098   | 3.53%   | 0.358%  |
| 91  | 21.075 | 3054 | 3058 | 3061 | rBV  | 174940  | 241284  | 10.77%  | 1.093%  |
| 92  | 21.110 | 3061 | 3064 | 3067 | rVV  | 114140  | 139471  | 6.22%   | 0.632%  |
| 93  | 21.145 | 3067 | 3070 | 3078 | rVV2 | 163894  | 278323  | 12.42%  | 1.261%  |
| 94  | 21.210 | 3079 | 3081 | 3086 | rVB  | 84925   | 109520  | 4.89%   | 0.496%  |
| 95  | 21.427 | 3111 | 3118 | 3122 | rBV2 | 1209474 | 2241053 | 100.00% | 10.156% |
| 96  | 21.469 | 3122 | 3125 | 3130 | rVB  | 814732  | 997830  | 44.53%  | 4.522%  |
| 97  | 23.157 | 3406 | 3412 | 3418 | rBV  | 476140  | 1203907 | 53.72%  | 5.456%  |
| 98  | 23.704 | 3501 | 3505 | 3510 | rBV  | 206124  | 357304  | 15.94%  | 1.619%  |
| 99  | 23.816 | 3521 | 3524 | 3532 | rVB  | 224451  | 420912  | 18.78%  | 1.908%  |
| 100 | 23.927 | 3537 | 3543 | 3550 | rBV  | 732897  | 1432650 | 63.93%  | 6.493%  |

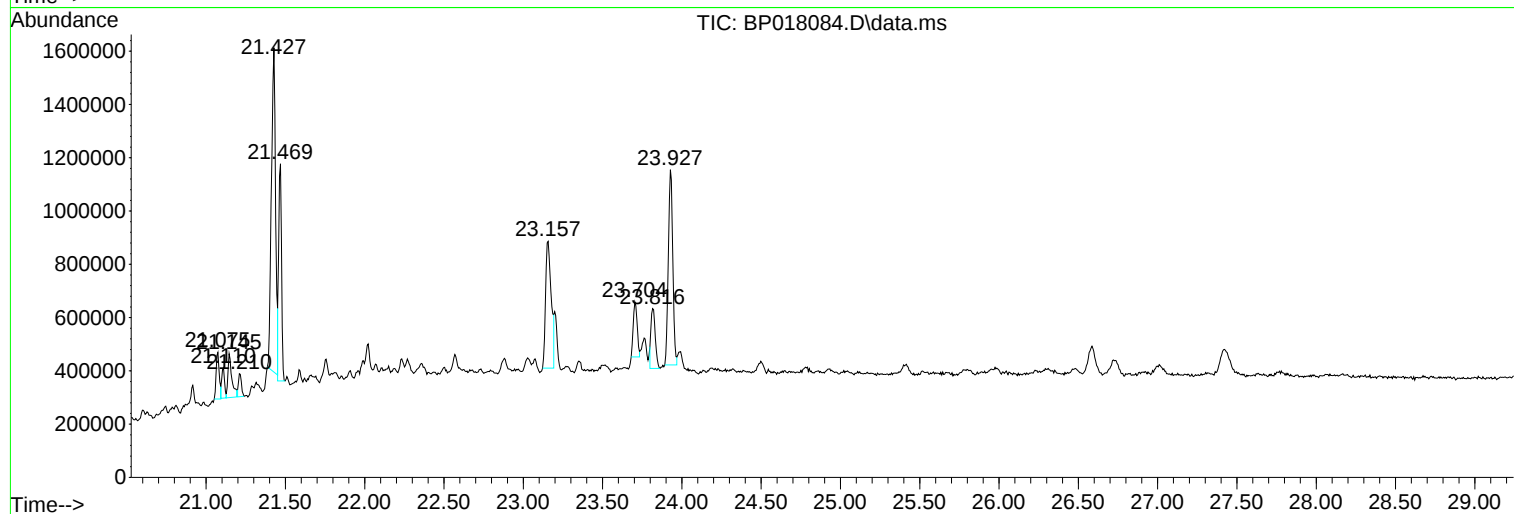
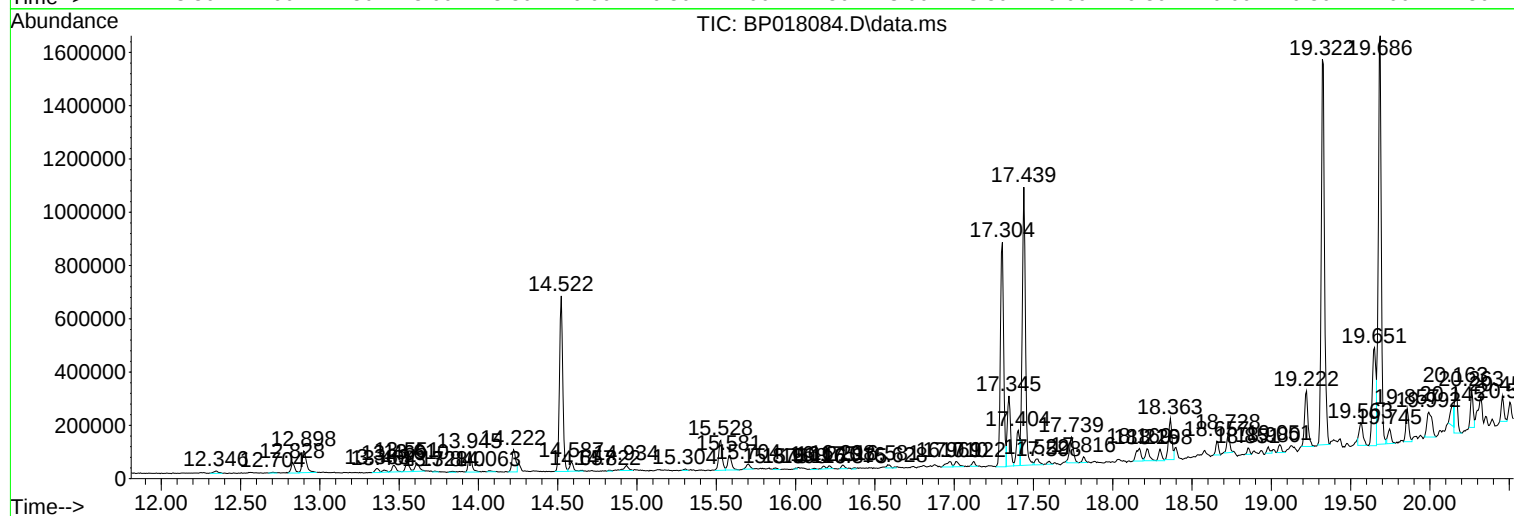
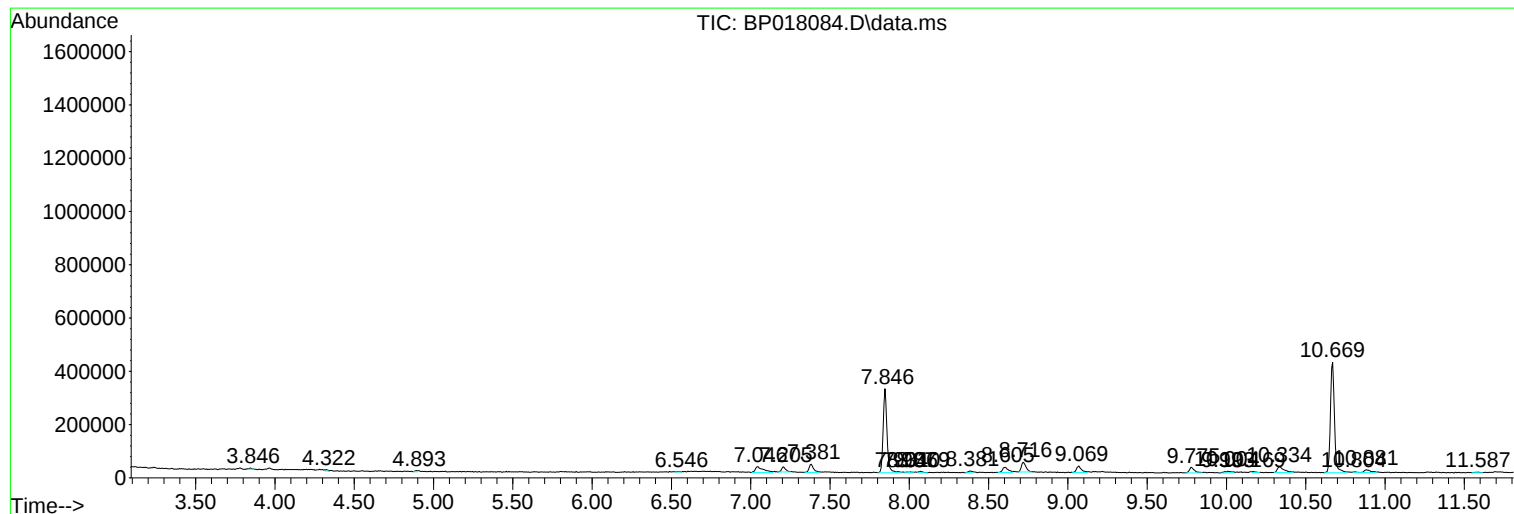
Sum of corrected areas: 22065832

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
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ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
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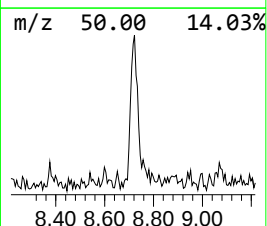
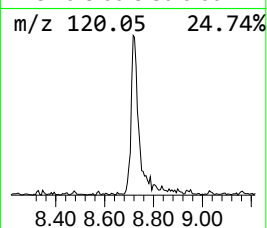
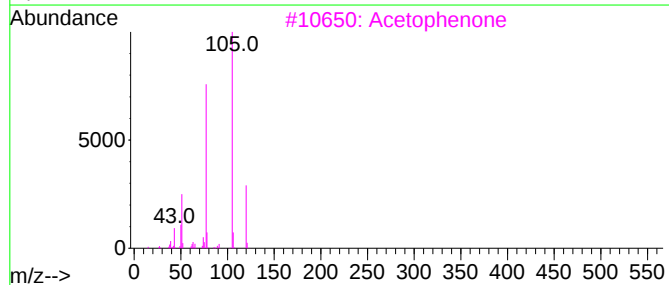
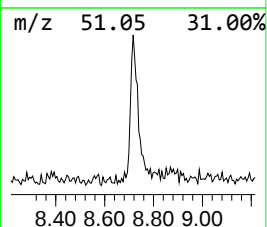
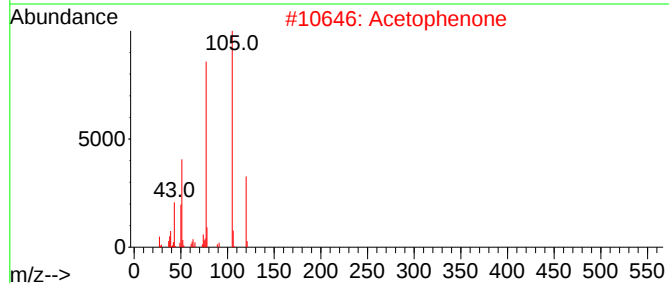
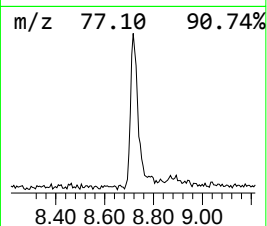
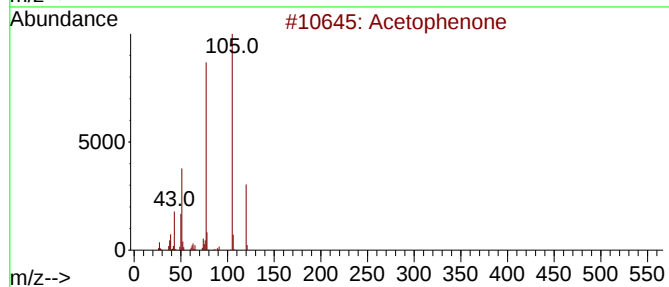
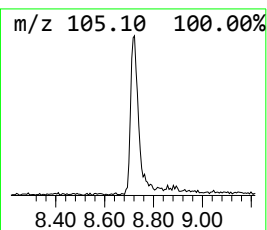
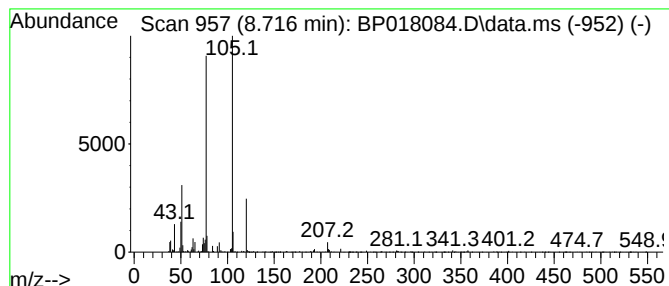
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Aceto phenone Concentration Rank 5

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.716 | 2.80 ng/ul | 73577 | 1,4-Dichlorobenzene-d4 | 7.846 |

| Hit# | of           | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------|---|--------------|-----|---------|-------------|------|
| 1    | Acetophenone |   |              | 120 | C8H8O   | 000098-86-2 | 93   |
| 2    | Acetophenone |   |              | 120 | C8H8O   | 000098-86-2 | 90   |
| 3    | Acetophenone |   |              | 120 | C8H8O   | 000098-86-2 | 87   |
| 4    | Acetophenone |   |              | 120 | C8H8O   | 000098-86-2 | 87   |
| 5    | Acetophenone |   |              | 120 | C8H8O   | 000098-86-2 | 86   |



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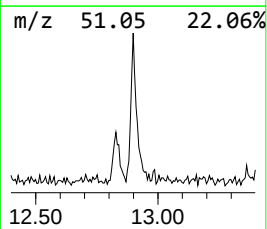
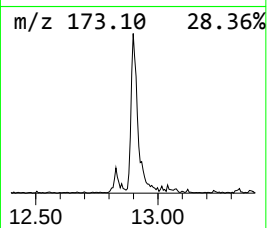
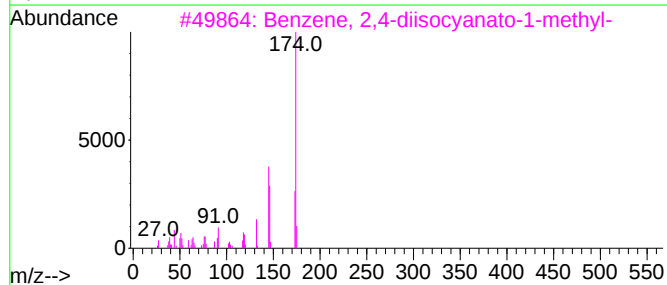
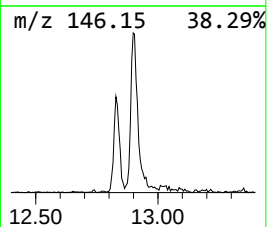
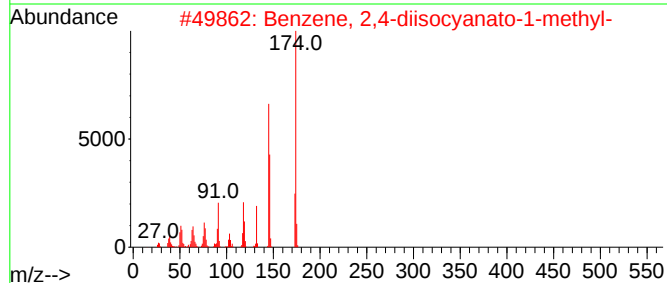
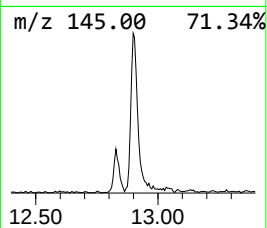
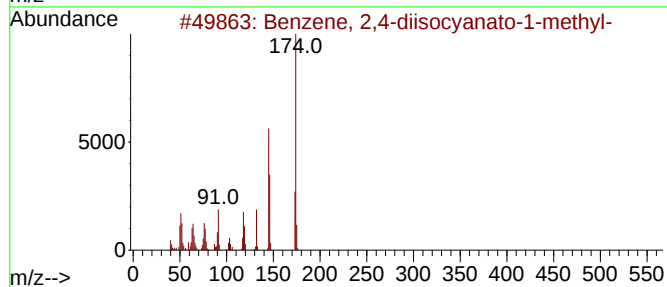
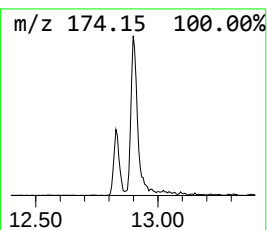
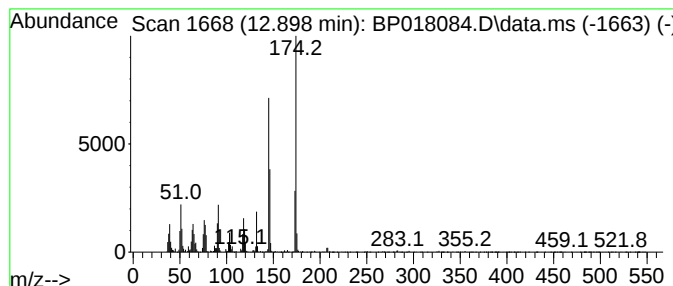
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Benzene, 2,4-diisocyanato-1... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.899 | 3.27 ng/ul | 156776 | Acenaphthene-d10 | 14.522 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 2,4-diisocyanato-1-methyl-  | 174 | C9H6N2O2 | 000584-84-9 | 97   |
| 2    |    |   | Benzene, 2,4-diisocyanato-1-methyl-  | 174 | C9H6N2O2 | 000584-84-9 | 97   |
| 3    |    |   | Benzene, 2,4-diisocyanato-1-methyl-  | 174 | C9H6N2O2 | 000584-84-9 | 94   |
| 4    |    |   | Benzo [f]-1,5-diazabicyclo[3.2.2...] | 174 | C11H14N2 | 007092-76-4 | 80   |
| 5    |    |   | Benzene, 2,4-diisocyanato-1-methyl-  | 174 | C9H6N2O2 | 000584-84-9 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018084.D  
Acq On : 12 Nov 2023 01:57  
Operator : MA/JU  
Sample : 05091-09DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

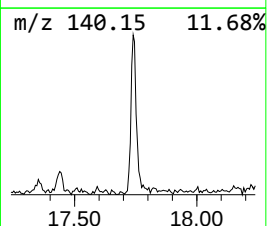
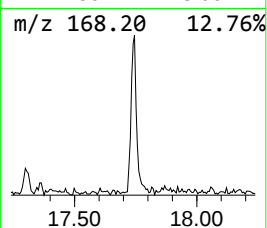
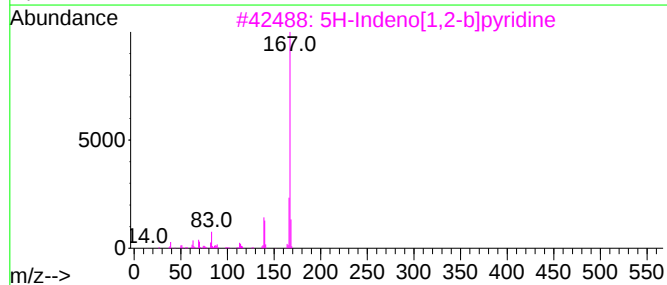
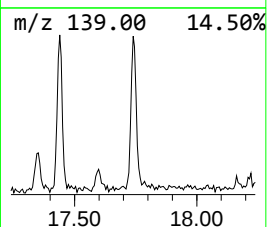
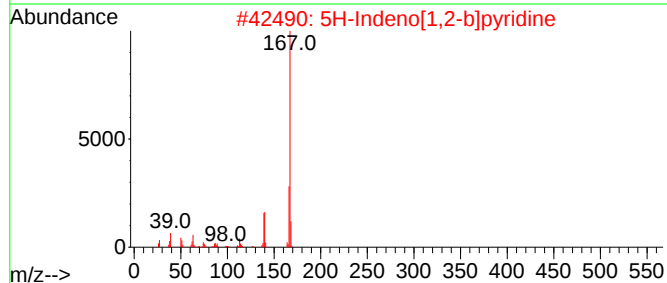
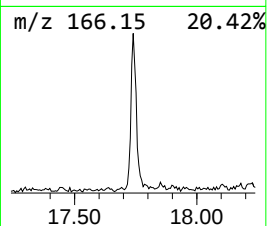
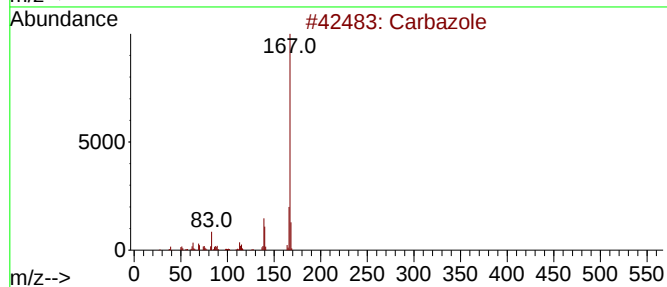
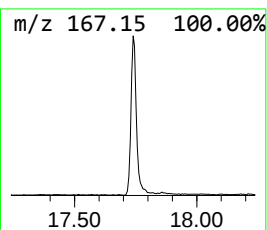
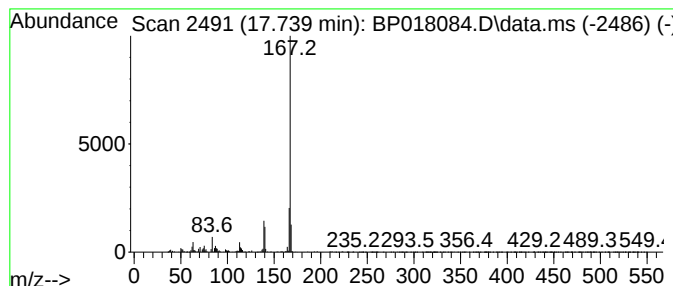
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Carba zole Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.739 | 2.74 ng/ul | 167021 | Phenanthrene-d10 | 17.304 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------|-----|----------|-------------|------|
| 1    |    |   | Carbazole                | 167 | C12H9N   | 000086-74-8 | 94   |
| 2    |    |   | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N   | 000244-99-5 | 91   |
| 3    |    |   | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N   | 000244-99-5 | 90   |
| 4    |    |   | 9H-Carbazole, 9-nitroso- | 196 | C12H8N2O | 002788-23-0 | 90   |
| 5    |    |   | Carbazole                | 167 | C12H9N   | 000086-74-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018084.D  
Acq On : 12 Nov 2023 01:57  
Operator : MA/JU  
Sample : 05091-09DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

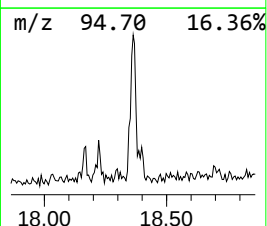
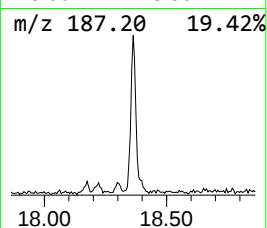
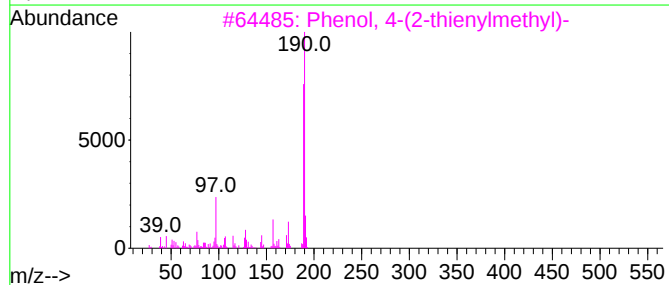
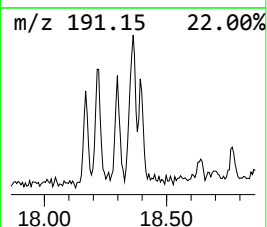
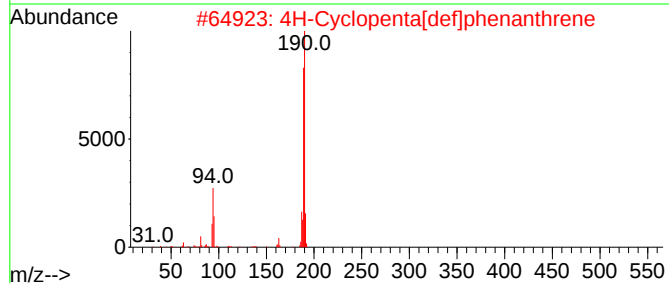
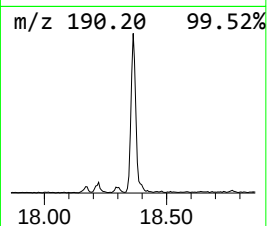
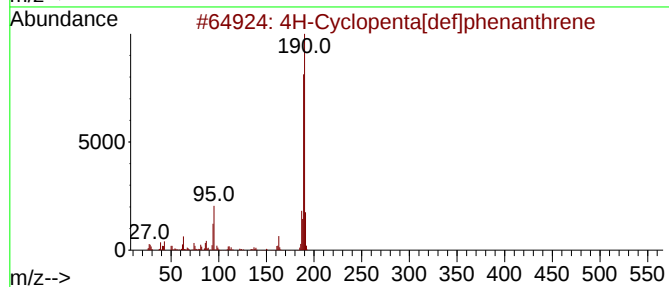
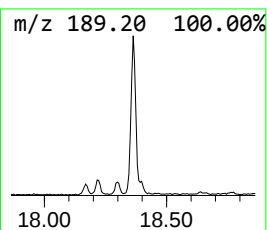
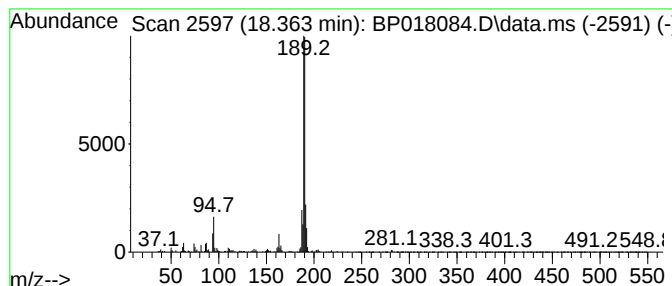
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.363 | 3.92 ng/ul | 238836 | Phenanthrene-d10 | 17.304 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 92   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 90   |
| 3    |    |   | Phenol, 4-(2-thienylmethyl)-        | 190 | C11H10OS  | 091680-55-6 | 64   |
| 4    |    |   | Pyrazole-4-carboxaldehyde, 3-(4-... | 190 | C10H7FN2O | 306936-57-2 | 59   |
| 5    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018084.D  
Acq On : 12 Nov 2023 01:57  
Operator : MA/JU  
Sample : 05091-09DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

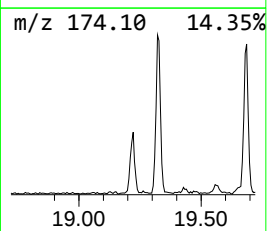
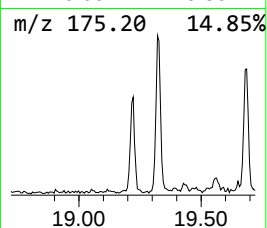
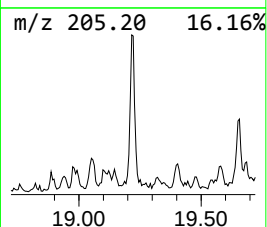
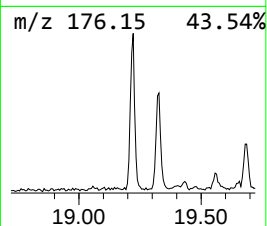
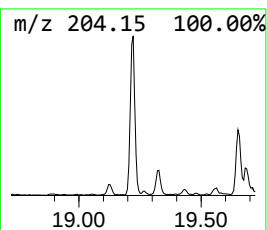
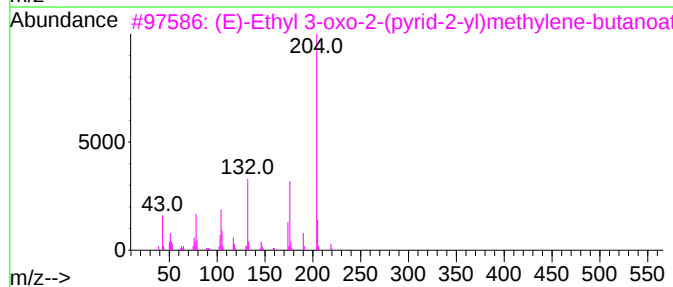
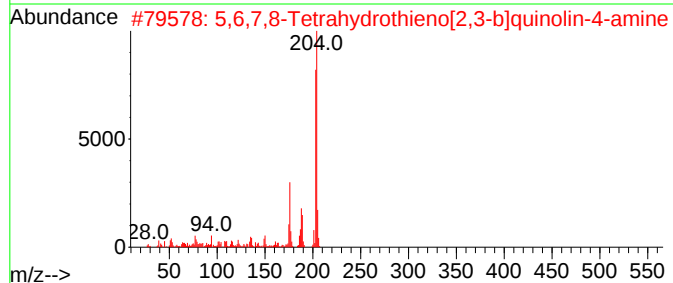
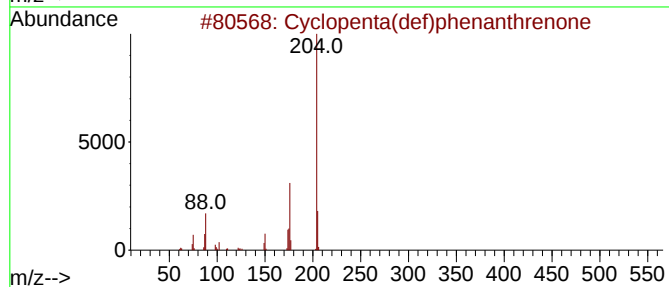
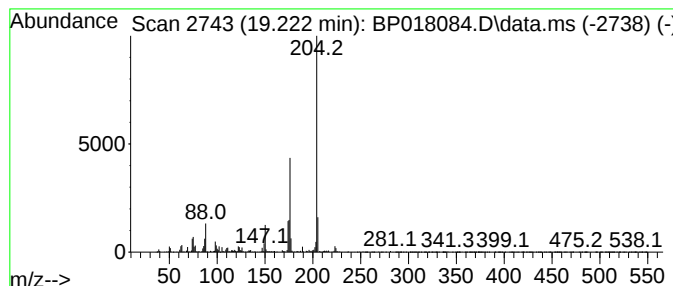
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 19.222    | 5.13 ng/ul                          | 312735 | Phenanthrene-d10 | 17.304       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Cyclopenta(def)phenanthrenone       | 204    | C15H8O           | 005737-13-3  | 81   |
| 2         | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204    | C11H12N2S        | 122914-50-5  | 50   |
| 3         | (E)-Ethyl 3-oxo-2-(pyrid-2-yl)me... | 219    | C12H13NO3        | 1000147-59-7 | 50   |
| 4         | 1,1,4a-Trimethyl-5,6-dimethylene... | 204    | C15H24           | 1000193-60-8 | 46   |
| 5         | 5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol | 204    | C11H12N2O2       | 1000278-26-8 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018084.D  
Acq On : 12 Nov 2023 01:57  
Operator : MA/JU  
Sample : 05091-09DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.MA.M  
Quant Title : SVOA CALIBRATION

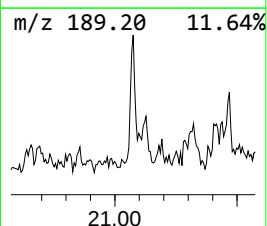
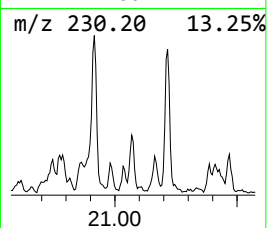
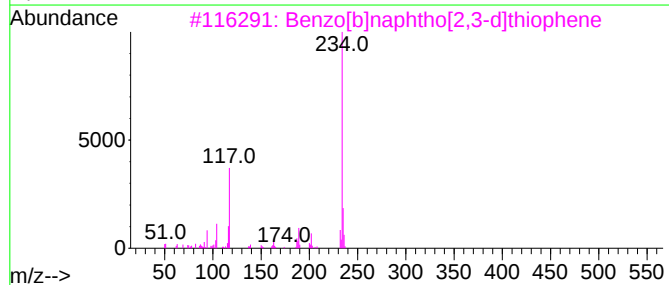
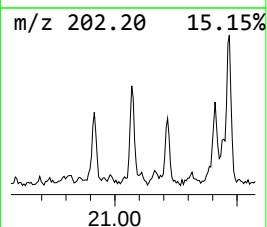
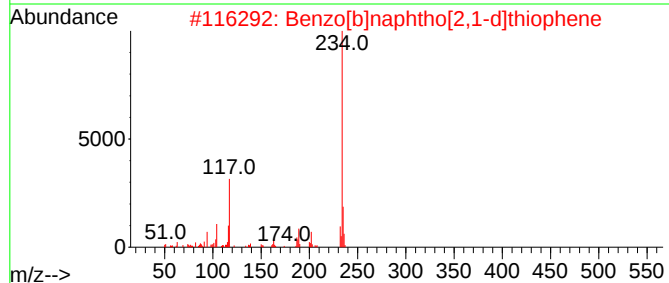
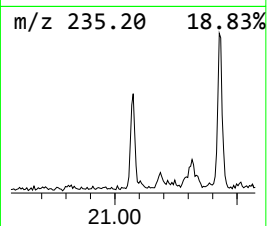
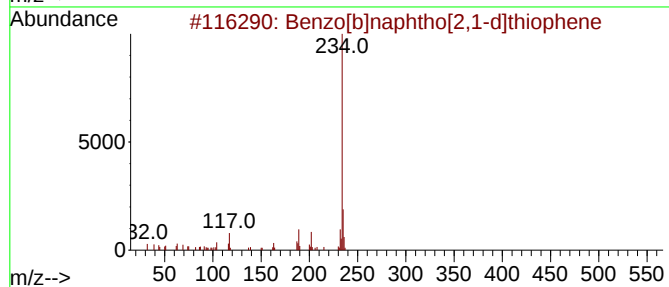
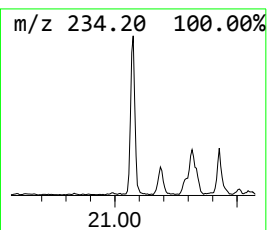
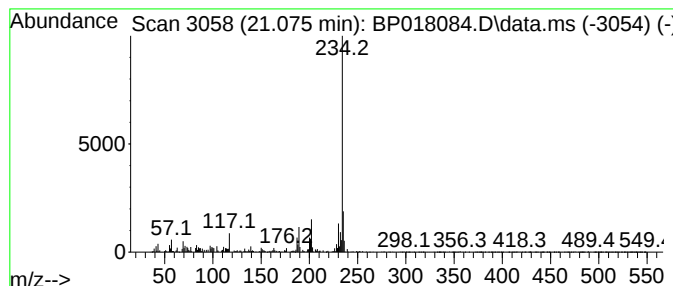
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.075 | 2.15 ng/ul | 241284 | Chrysene-d12     | 21.427 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 95   |
| 2    |    |   | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 87   |
| 3    |    |   | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 87   |
| 4    |    |   | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 83   |
| 5    |    |   | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018084.D  
Acq On : 12 Nov 2023 01:57  
Operator : MA/JU  
Sample : 05091-09DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

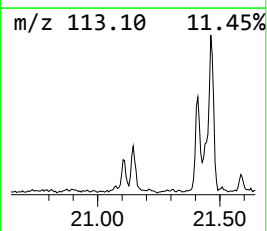
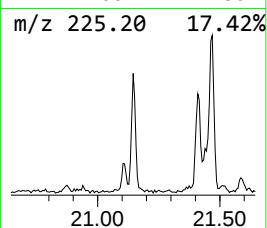
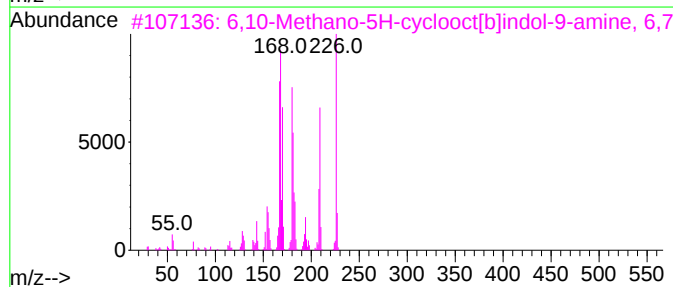
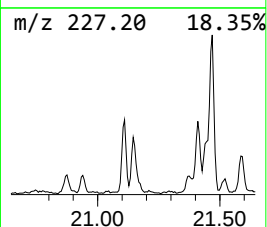
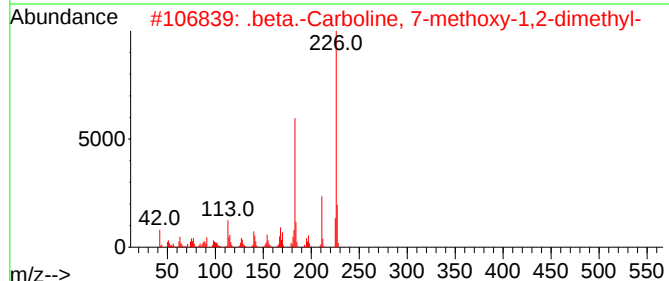
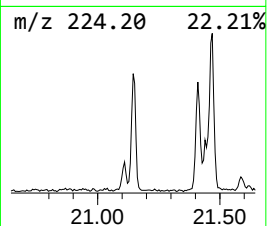
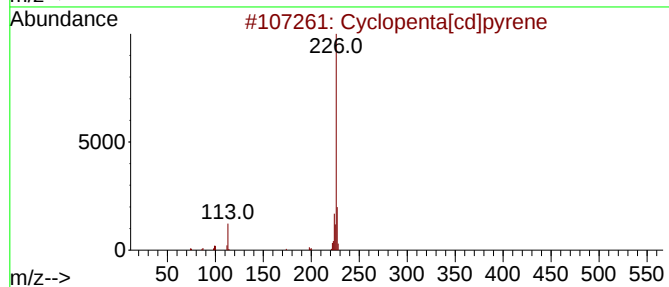
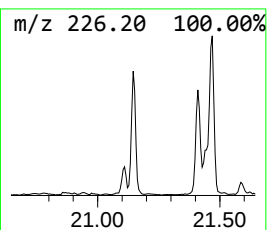
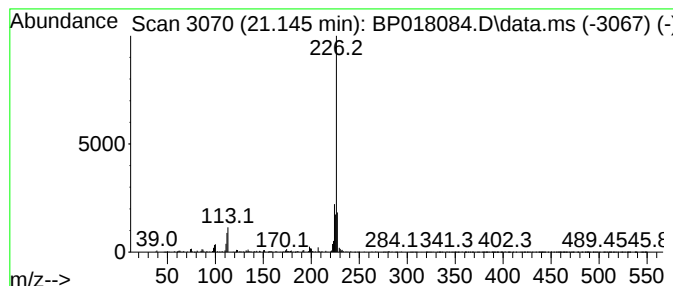
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.145 | 2.48 ng/ul | 278323 | Chrysene-d12     | 21.427 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Cyclopenta[cd]pyrene                | 226 | C18H10    | 027208-37-3  | 81   |
| 2    |    |   | .beta.-Carboline, 7-methoxy-1,2-... | 226 | C14H14N2O | 006519-18-2  | 64   |
| 3    |    |   | 6,10-Methano-5H-cyclooct[b]indol... | 226 | C15H18N2  | 1000337-05-7 | 47   |
| 4    |    |   | Benzene, 1-bromo-2,6-dichloro-      | 224 | C6H3BrCl2 | 019393-92-1  | 45   |
| 5    |    |   | benzenamine, 4-(2-benzothiazolyl)-  | 226 | C13H10N2S | 1000400-93-4 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018084.D  
Acq On : 12 Nov 2023 01:57  
Operator : MA/JU  
Sample : 05091-09DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

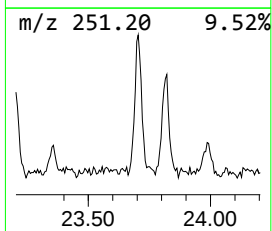
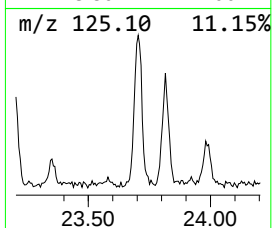
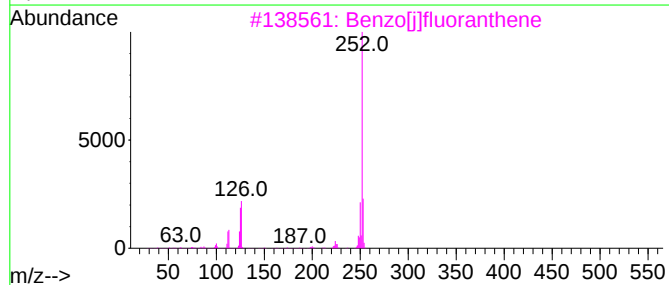
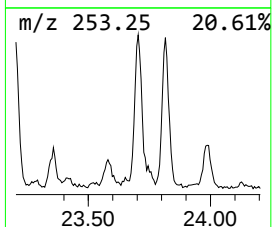
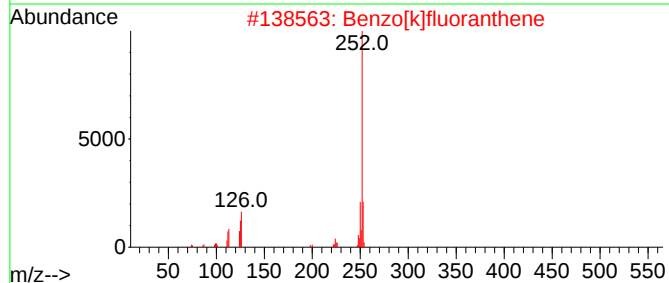
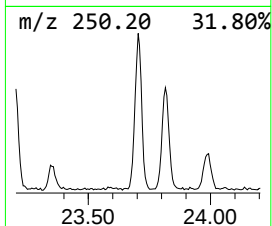
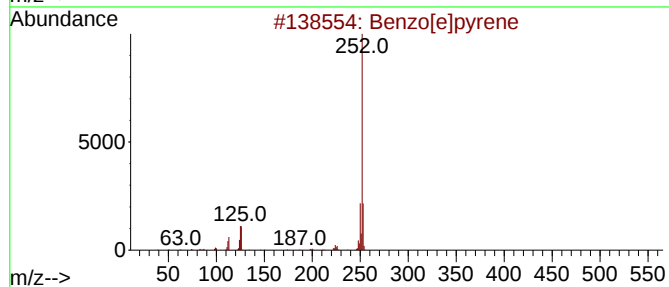
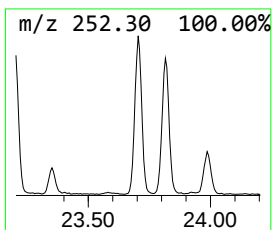
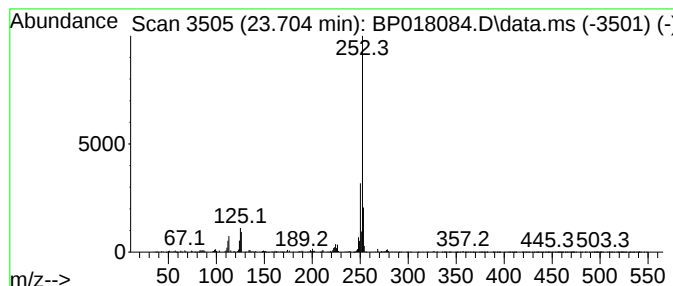
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Benzo[e]pyrene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.704 | 4.99 ng/ul | 357304 | Perylene-d12     | 23.927 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 95   |
| 3    |    |   | Benzo[j]fluoranthene | 252 | C20H12  | 000205-82-3 | 94   |
| 4    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 93   |
| 5    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111023\  
Data File : BP018084.D  
Acq On : 12 Nov 2023 01:57  
Operator : MA/JU  
Sample : 05091-09DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCKI6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP111023.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 |
| Aceto phenone      | 8.716  | 2.8     | ng/u1 | 73577    | 1                     | 7.846  | 525872  | 20.0 |
| Benzene, 2,4-di... | 12.899 | 3.3     | ng/u1 | 156776   | 3                     | 14.522 | 959963  | 20.0 |
| Carba zole         | 17.739 | 2.7     | ng/u1 | 167021   | 4                     | 17.304 | 1219380 | 20.0 |
| 4H-Cyclopenta[d... | 18.363 | 3.9     | ng/u1 | 238836   | 4                     | 17.304 | 1219380 | 20.0 |
| Cyclopenta(def)... | 19.222 | 5.1     | ng/u1 | 312735   | 4                     | 17.304 | 1219380 | 20.0 |
| Benzo[b]naphtho... | 21.075 | 2.1     | ng/u1 | 241284   | 5                     | 21.427 | 2241050 | 20.0 |
| Cyclopenta[cd]p... | 21.145 | 2.5     | ng/u1 | 278323   | 5                     | 21.427 | 2241050 | 20.0 |
| Benzo[e]pyrene     | 23.704 | 5.0     | ng/u1 | 357304   | 6                     | 23.927 | 1432650 | 20.0 |