

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
 Data File : BN031828.D  
 Acq On : 06 Jun 2024 21:12  
 Operator : MA/JU  
 Sample : P2634-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX9

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-BN052924.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN031828.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         | 3.452       | 72            | 79          | 89           | rVB      | 112024         | 196515        | 2.45%           | 0.119%        |
| 2         | 3.593       | 100           | 103         | 115          | rBV2     | 454431         | 664457        | 8.28%           | 0.402%        |
| 3         | 3.693       | 116           | 120         | 128          | rVB      | 330489         | 437123        | 5.45%           | 0.264%        |
| 4         | 4.893       | 319           | 324         | 331          | rVV2     | 137639         | 234561        | 2.92%           | 0.142%        |
| 5         | 5.675       | 452           | 457         | 465          | rVV      | 445734         | 779512        | 9.72%           | 0.471%        |
| 6         | 6.658       | 615           | 624         | 630          | rBV3     | 85524          | 192695        | 2.40%           | 0.116%        |
| 7         | 6.846       | 646           | 656         | 662          | rVV      | 1665593        | 2910198       | 36.28%          | 1.759%        |
| 8         | 7.011       | 670           | 684         | 696          | rBV      | 1353209        | 2239148       | 27.91%          | 1.353%        |
| 9         | 7.205       | 710           | 717         | 724          | rVB      | 1701485        | 2695913       | 33.61%          | 1.629%        |
| 10        | 7.669       | 787           | 796         | 803          | rVV      | 1620257        | 2622652       | 32.69%          | 1.585%        |
| 11        | 8.375       | 910           | 916         | 924          | rBV      | 1787660        | 2916967       | 36.36%          | 1.763%        |
| 12        | 8.828       | 985           | 993         | 999          | rVV      | 1556988        | 2595087       | 32.35%          | 1.568%        |
| 13        | 9.393       | 1083          | 1089        | 1099         | rVB      | 206389         | 350186        | 4.37%           | 0.212%        |
| 14        | 9.546       | 1106          | 1115        | 1126         | rBV      | 1250416        | 2201348       | 27.44%          | 1.330%        |
| 15        | 10.075      | 1193          | 1205        | 1215         | rVB      | 2020219        | 3470617       | 43.26%          | 2.097%        |
| 16        | 10.452      | 1260          | 1269        | 1275         | rBV      | 2137169        | 3944437       | 49.17%          | 2.383%        |
| 17        | 10.505      | 1275          | 1278        | 1284         | rVV      | 138958         | 220803        | 2.75%           | 0.133%        |
| 18        | 10.599      | 1284          | 1294        | 1314         | rVV      | 556593         | 1246063       | 15.53%          | 0.753%        |
| 19        | 11.199      | 1390          | 1396        | 1407         | rVV      | 321005         | 637721        | 7.95%           | 0.385%        |
| 20        | 11.881      | 1506          | 1512        | 1518         | rVV      | 125610         | 204126        | 2.54%           | 0.123%        |
| 21        | 12.122      | 1547          | 1553        | 1561         | rVB      | 199627         | 352895        | 4.40%           | 0.213%        |
| 22        | 12.340      | 1584          | 1590        | 1597         | rBV      | 132856         | 238626        | 2.97%           | 0.144%        |
| 23        | 13.140      | 1720          | 1726        | 1733         | rVB2     | 224624         | 345812        | 4.31%           | 0.209%        |
| 24        | 13.634      | 1805          | 1810        | 1815         | rVV      | 239514         | 393925        | 4.91%           | 0.238%        |
| 25        | 13.687      | 1815          | 1819        | 1821         | rBV      | 151398         | 190704        | 2.38%           | 0.115%        |
| 26        | 13.728      | 1821          | 1826        | 1832         | rVB      | 3235353        | 4657433       | 58.06%          | 2.814%        |
| 27        | 14.004      | 1867          | 1873        | 1879         | rBV2     | 3976500        | 6265564       | 78.10%          | 3.786%        |
| 28        | 14.216      | 1905          | 1909        | 1915         | rVB      | 186017         | 248223        | 3.09%           | 0.150%        |
| 29        | 14.316      | 1916          | 1926        | 1933         | rBV      | 3148152        | 5312903       | 66.23%          | 3.210%        |
| 30        | 14.528      | 1955          | 1962        | 1970         | rBV      | 1214761        | 2053344       | 25.60%          | 1.241%        |
| 31        | 14.681      | 1982          | 1988        | 1990         | rVV      | 222173         | 334810        | 4.17%           | 0.202%        |
| 32        | 14.716      | 1990          | 1994        | 2001         | rVV      | 285333         | 495596        | 6.18%           | 0.299%        |
| 33        | 14.793      | 2002          | 2007        | 2011         | rVB      | 185109         | 260332        | 3.25%           | 0.157%        |
| 34        | 14.934      | 2024          | 2031        | 2035         | rBV4     | 119360         | 232526        | 2.90%           | 0.141%        |
| 35        | 14.987      | 2036          | 2040        | 2044         | rVB      | 190558         | 252986        | 3.15%           | 0.153%        |
| 36        | 15.175      | 2068          | 2072        | 2078         | rVB2     | 133983         | 202859        | 2.53%           | 0.123%        |

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 ALS Vial : 16 Sample Multiplier: 1

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 ClientSampleId :  
 BHBX9

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-BN052924.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 15.310 | 2088 | 2095 | 2101 | rVV  | 5016475 | 7419044 | 92.48% | 4.483% |
| 38 | 15.363 | 2101 | 2104 | 2107 | rVV3 | 154531  | 224474  | 2.80%  | 0.136% |
| 39 | 15.404 | 2107 | 2111 | 2112 | rVV  | 172278  | 222397  | 2.77%  | 0.134% |
| 40 | 15.440 | 2112 | 2117 | 2122 | rVV  | 1036281 | 1467264 | 18.29% | 0.887% |
| 41 | 15.657 | 2149 | 2154 | 2160 | rVV2 | 147776  | 255847  | 3.19%  | 0.155% |
| 42 | 15.804 | 2172 | 2179 | 2187 | rVB4 | 77273   | 219953  | 2.74%  | 0.133% |
| 43 | 16.040 | 2211 | 2219 | 2226 | rVB5 | 271984  | 657487  | 8.20%  | 0.397% |
| 44 | 16.375 | 2267 | 2276 | 2279 | rBV4 | 127639  | 324615  | 4.05%  | 0.196% |
| 45 | 16.416 | 2279 | 2283 | 2289 | rVB  | 320045  | 456146  | 5.69%  | 0.276% |
| 46 | 16.669 | 2322 | 2326 | 2331 | rVV  | 749987  | 1026336 | 12.79% | 0.620% |
| 47 | 16.722 | 2331 | 2335 | 2342 | rVB2 | 367417  | 593564  | 7.40%  | 0.359% |
| 48 | 16.828 | 2350 | 2353 | 2358 | rVV2 | 132113  | 247084  | 3.08%  | 0.149% |
| 49 | 16.881 | 2358 | 2362 | 2371 | rVB2 | 243241  | 398053  | 4.96%  | 0.241% |
| 50 | 17.063 | 2384 | 2393 | 2397 | rBV  | 3243956 | 4772127 | 59.49% | 2.884% |
| 51 | 17.104 | 2397 | 2400 | 2405 | rVV  | 2677852 | 3694948 | 46.06% | 2.233% |
| 52 | 17.163 | 2405 | 2410 | 2414 | rVV2 | 4513336 | 6592025 | 82.17% | 3.983% |
| 53 | 17.198 | 2414 | 2416 | 2420 | rVV  | 469793  | 527232  | 6.57%  | 0.319% |
| 54 | 17.257 | 2420 | 2426 | 2430 | rVV2 | 208956  | 416941  | 5.20%  | 0.252% |
| 55 | 17.345 | 2436 | 2441 | 2443 | rVV2 | 167048  | 325239  | 4.05%  | 0.197% |
| 56 | 17.375 | 2443 | 2446 | 2451 | rVB3 | 297801  | 437634  | 5.46%  | 0.264% |
| 57 | 17.469 | 2458 | 2462 | 2471 | rVB  | 194980  | 263261  | 3.28%  | 0.159% |
| 58 | 17.645 | 2488 | 2492 | 2500 | rVB2 | 361445  | 554563  | 6.91%  | 0.335% |
| 59 | 17.939 | 2537 | 2542 | 2544 | rVV  | 821085  | 1218193 | 15.19% | 0.736% |
| 60 | 17.975 | 2544 | 2548 | 2556 | rVB2 | 1548678 | 3579615 | 44.62% | 2.163% |
| 61 | 18.128 | 2569 | 2574 | 2578 | rBV3 | 790659  | 1343640 | 16.75% | 0.812% |
| 62 | 18.169 | 2578 | 2581 | 2589 | rVB  | 480142  | 667571  | 8.32%  | 0.403% |
| 63 | 18.257 | 2592 | 2596 | 2599 | rBV4 | 259877  | 387434  | 4.83%  | 0.234% |
| 64 | 18.334 | 2606 | 2609 | 2614 | rVB2 | 216800  | 305934  | 3.81%  | 0.185% |
| 65 | 18.445 | 2623 | 2628 | 2631 | rBV  | 567459  | 809068  | 10.09% | 0.489% |
| 66 | 18.486 | 2631 | 2635 | 2645 | rVB2 | 499654  | 838037  | 10.45% | 0.506% |
| 67 | 18.686 | 2666 | 2669 | 2674 | rVV  | 291907  | 402373  | 5.02%  | 0.243% |
| 68 | 18.739 | 2674 | 2678 | 2682 | rVV  | 416931  | 568619  | 7.09%  | 0.344% |
| 69 | 18.781 | 2682 | 2685 | 2689 | rVB  | 297540  | 369596  | 4.61%  | 0.223% |
| 70 | 18.863 | 2694 | 2699 | 2703 | rBV  | 689526  | 1058333 | 13.19% | 0.640% |
| 71 | 18.910 | 2703 | 2707 | 2712 | rVV4 | 261940  | 554161  | 6.91%  | 0.335% |
| 72 | 18.951 | 2712 | 2714 | 2718 | rVB  | 218791  | 255284  | 3.18%  | 0.154% |
| 73 | 19.004 | 2718 | 2723 | 2729 | rBV2 | 398008  | 782917  | 9.76%  | 0.473% |
| 74 | 19.128 | 2738 | 2744 | 2751 | rVB  | 5160726 | 7065142 | 88.07% | 4.269% |
| 75 | 19.192 | 2751 | 2755 | 2758 | rBV  | 319067  | 381897  | 4.76%  | 0.231% |
| 76 | 19.251 | 2762 | 2765 | 2773 | rVB4 | 433661  | 779472  | 9.72%  | 0.471% |

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Instrument :  
 BNA\_N  
 ClientSampleId :  
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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

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 19.463 | 2795 | 2801 | 2803 | rBV3 | 4742364 | 6845541 | 85.33%  | 4.137% |
| 78  | 19.492 | 2803 | 2806 | 2814 | rVB  | 4188367 | 5810073 | 72.43%  | 3.511% |
| 79  | 19.563 | 2814 | 2818 | 2824 | rVB2 | 367473  | 569513  | 7.10%   | 0.344% |
| 80  | 19.816 | 2856 | 2861 | 2871 | rBV3 | 449605  | 1108264 | 13.82%  | 0.670% |
| 81  | 19.951 | 2879 | 2884 | 2886 | rBV4 | 338597  | 577099  | 7.19%   | 0.349% |
| 82  | 19.986 | 2887 | 2890 | 2893 | rVB  | 660275  | 827588  | 10.32%  | 0.500% |
| 83  | 20.086 | 2904 | 2907 | 2911 | rBV  | 422650  | 537975  | 6.71%   | 0.325% |
| 84  | 20.145 | 2913 | 2917 | 2921 | rVB2 | 501908  | 709797  | 8.85%   | 0.429% |
| 85  | 20.286 | 2938 | 2941 | 2945 | rBV  | 309278  | 367800  | 4.58%   | 0.222% |
| 86  | 20.333 | 2946 | 2949 | 2953 | rVB  | 319506  | 380128  | 4.74%   | 0.230% |
| 87  | 20.739 | 3014 | 3018 | 3023 | rBV2 | 644469  | 1035935 | 12.91%  | 0.626% |
| 88  | 20.969 | 3051 | 3057 | 3066 | rBV3 | 1848690 | 4601059 | 57.35%  | 2.780% |
| 89  | 21.210 | 3095 | 3098 | 3103 | rVB  | 493450  | 575548  | 7.17%   | 0.348% |
| 90  | 21.292 | 3106 | 3112 | 3117 | rVV3 | 3417304 | 8022102 | 100.00% | 4.847% |
| 91  | 21.339 | 3117 | 3120 | 3132 | rVB  | 2550279 | 3987753 | 49.71%  | 2.410% |
| 92  | 21.504 | 3143 | 3148 | 3153 | rVB3 | 1362663 | 2114076 | 26.35%  | 1.277% |
| 93  | 21.569 | 3154 | 3159 | 3164 | rVV  | 2063971 | 2996322 | 37.35%  | 1.811% |
| 94  | 21.622 | 3164 | 3168 | 3171 | rVV  | 620928  | 938301  | 11.70%  | 0.567% |
| 95  | 21.657 | 3171 | 3174 | 3183 | rVB3 | 792019  | 1278950 | 15.94%  | 0.773% |
| 96  | 22.045 | 3236 | 3240 | 3249 | rBV3 | 499483  | 1065579 | 13.28%  | 0.644% |
| 97  | 22.669 | 3342 | 3346 | 3353 | rVB2 | 869535  | 1653730 | 20.61%  | 0.999% |
| 98  | 23.310 | 3449 | 3455 | 3463 | rBV  | 1865857 | 5279193 | 65.81%  | 3.190% |
| 99  | 24.039 | 3573 | 3579 | 3585 | rBV2 | 1641419 | 3455710 | 43.08%  | 2.088% |
| 100 | 24.239 | 3607 | 3613 | 3640 | rVB  | 1773363 | 5690216 | 70.93%  | 3.438% |

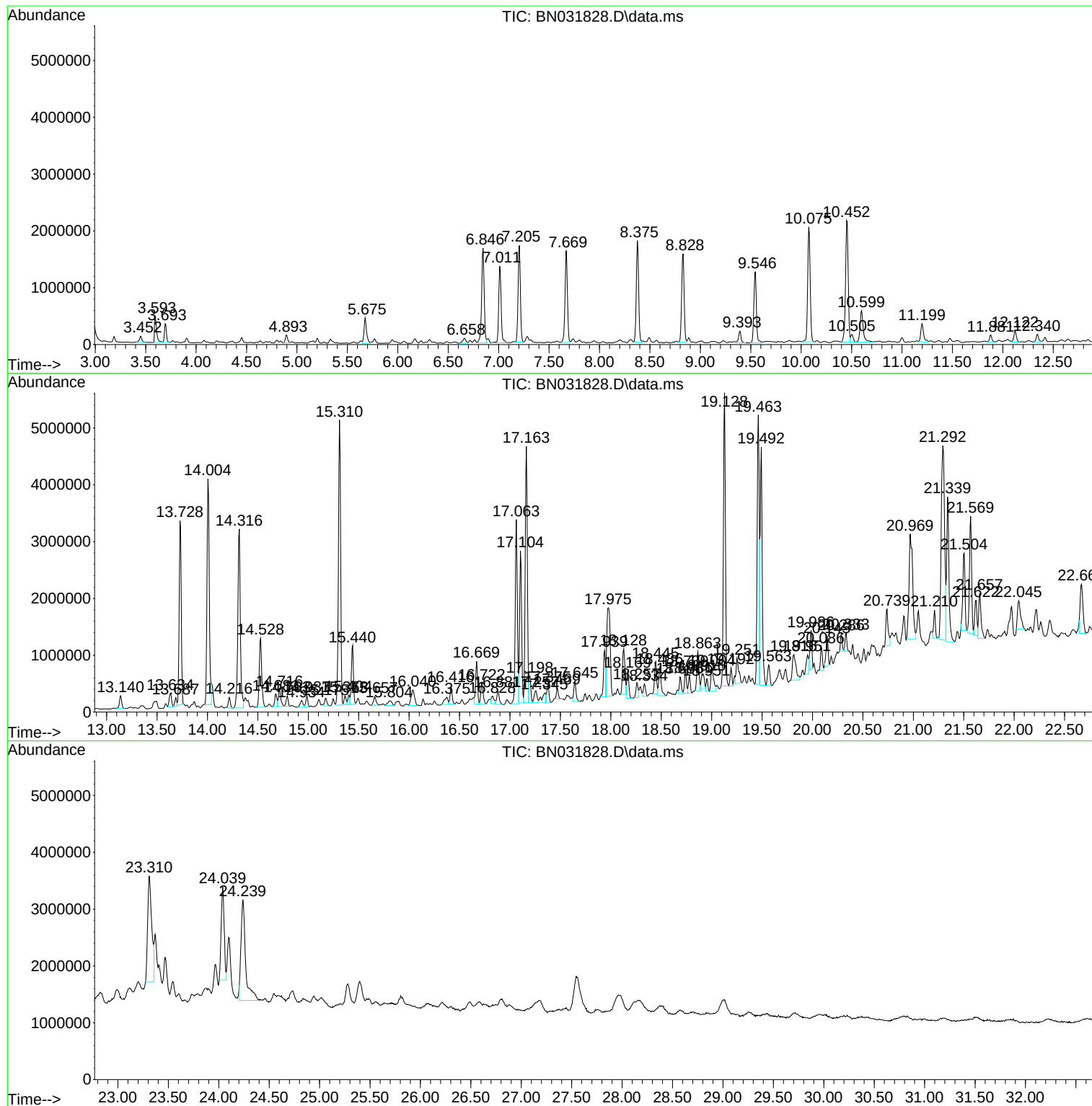
Sum of corrected areas: 165490439

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION

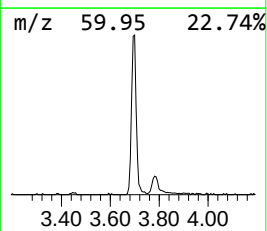
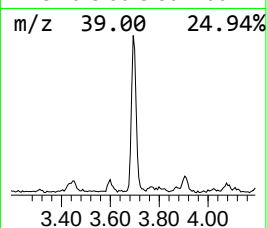
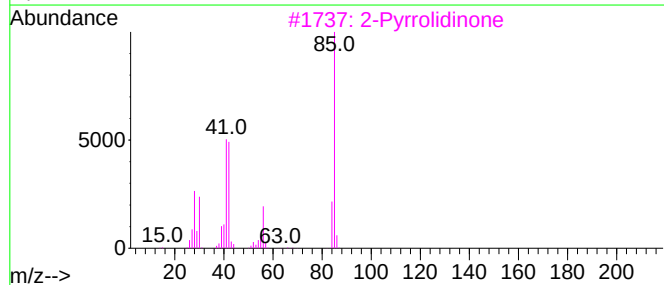
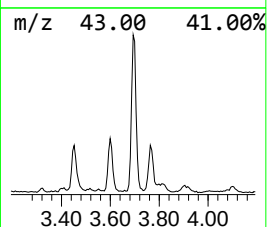
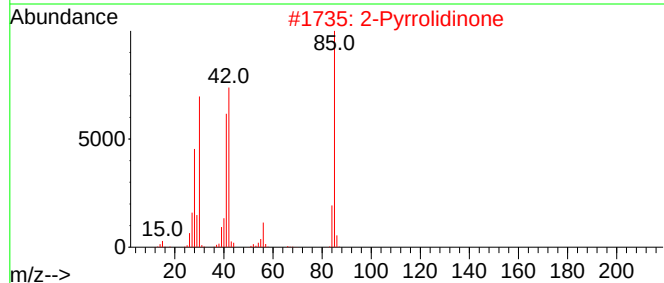
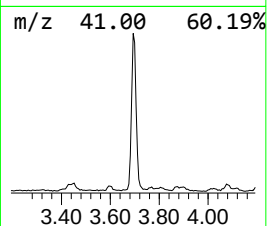
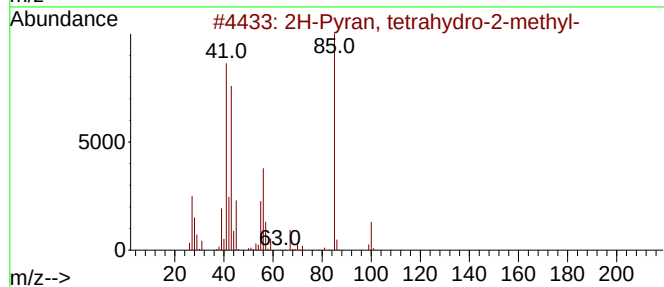
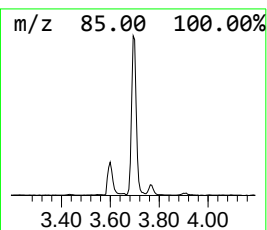
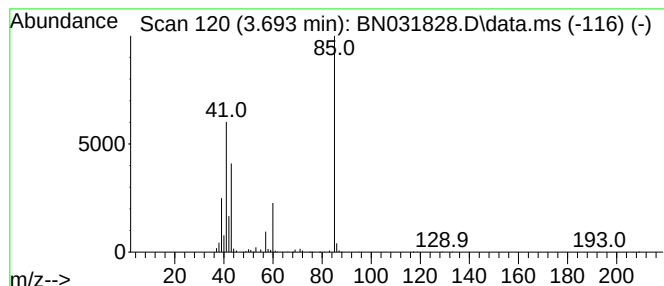
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 13

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.693 | 3.33 ng/ul | 437123 | 1,4-Dichlorobenzene-d4 | 7.669 |

| Hit# | of                               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2H-Pyran, tetrahydro-2-methyl-   |   |              | 100 | C6H12O  | 010141-72-7 | 38   |
| 2    | 2-Pyrrolidinone                  |   |              | 85  | C4H7NO  | 000616-45-5 | 9    |
| 3    | 2-Pyrrolidinone                  |   |              | 85  | C4H7NO  | 000616-45-5 | 9    |
| 4    | trans-4-Methoxy-3-buten-2-one    |   |              | 100 | C5H8O2  | 051731-17-0 | 9    |
| 5    | 2(3H)-Furanone, 5-ethylidihydro- |   |              | 114 | C6H10O2 | 000695-06-7 | 9    |



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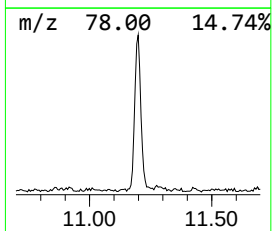
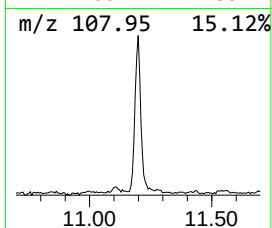
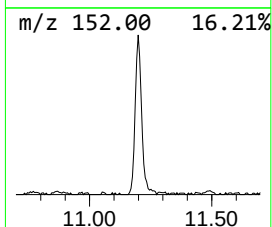
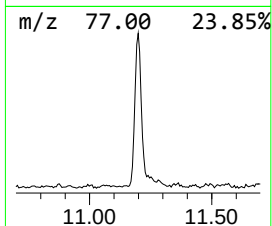
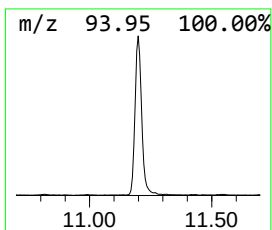
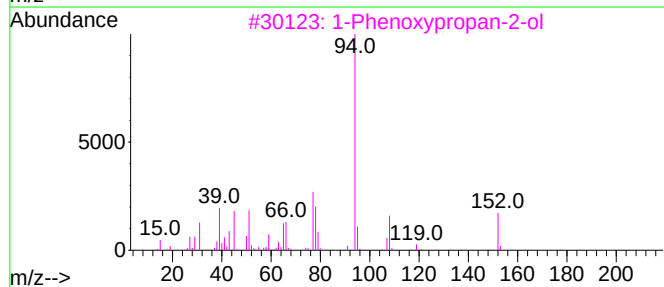
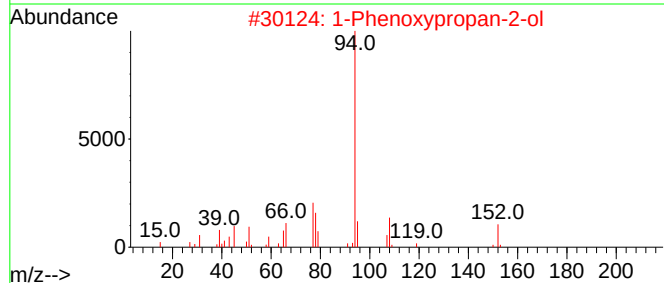
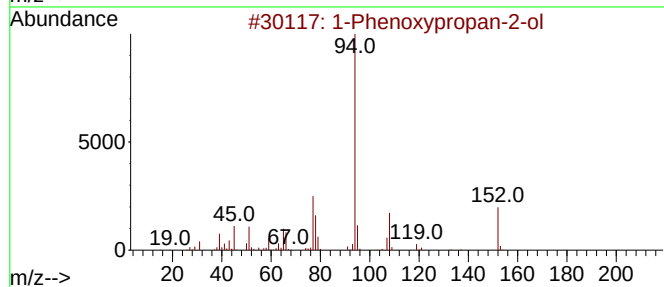
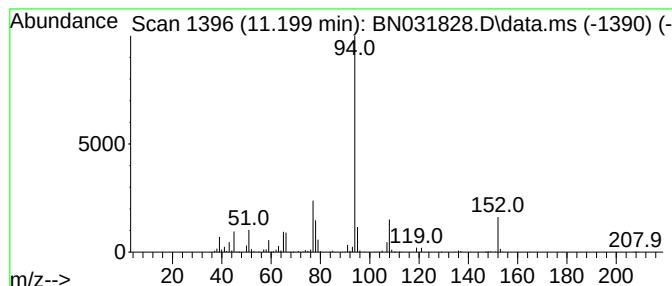
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 15

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.199 | 3.23 ng/ul | 637721 | Naphthalene-d8   | 10.458 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Phenoxypropan-2-ol   |   |              | 152 | C9H12O2 | 000770-35-4 | 96   |
| 2    | 1-Phenoxypropan-2-ol   |   |              | 152 | C9H12O2 | 000770-35-4 | 95   |
| 3    | 1-Phenoxypropan-2-ol   |   |              | 152 | C9H12O2 | 000770-35-4 | 94   |
| 4    | 1-Propanol, 3-phenoxy- |   |              | 152 | C9H12O2 | 006180-61-6 | 90   |
| 5    | 1-Phenoxypropan-2-ol   |   |              | 152 | C9H12O2 | 000770-35-4 | 87   |



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Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
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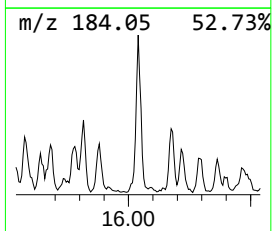
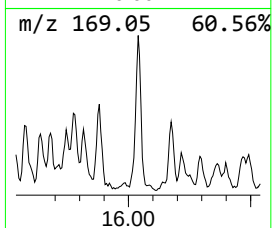
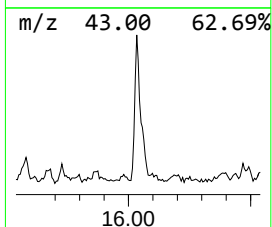
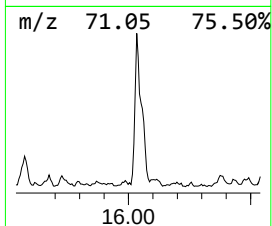
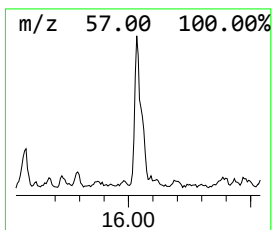
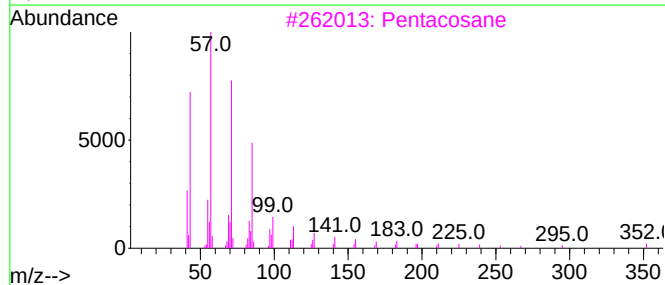
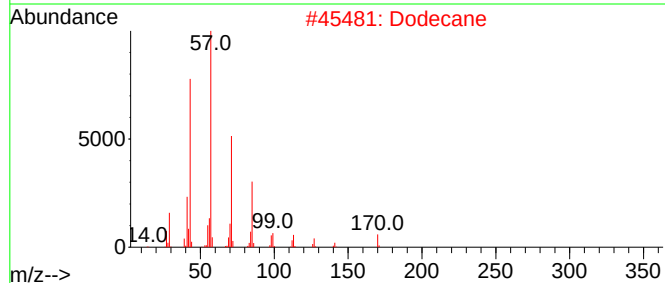
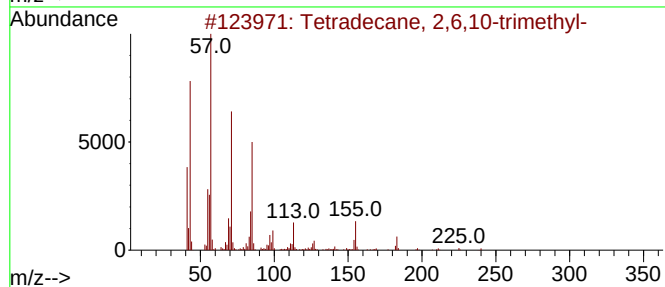
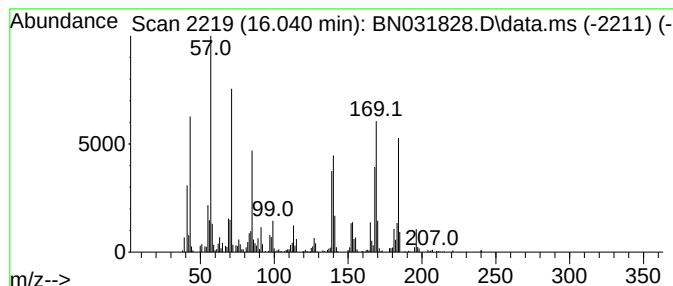
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.      | EstConc                        | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------|---------|-------------|------|
| 16.040    | 2.76 ng/ul                     | 657487 | Phenanthrene-d10 |         | 17.063      |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm | CAS#        | Qual |
| 1         | Tetradecane, 2,6,10-trimethyl- |        | 240              | C17H36  | 014905-56-7 | 52   |
| 2         | Dodecane                       |        | 170              | C12H26  | 000112-40-3 | 42   |
| 3         | Pentacosane                    |        | 352              | C25H52  | 000629-99-2 | 38   |
| 4         | Dodecane, 2-methyl-6-propyl-   |        | 226              | C16H34  | 055045-08-4 | 38   |
| 5         | Dodecane                       |        | 170              | C12H26  | 000112-40-3 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

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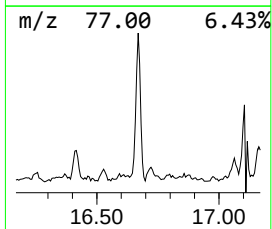
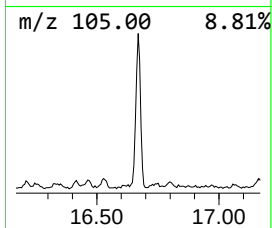
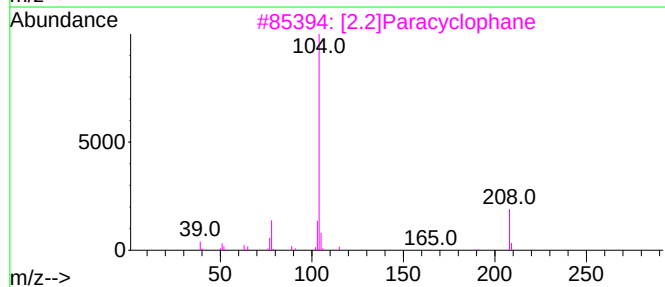
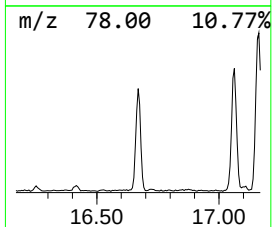
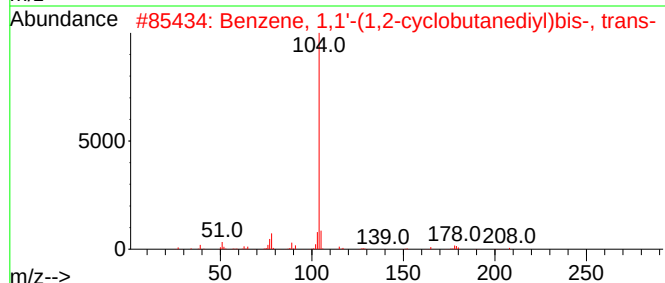
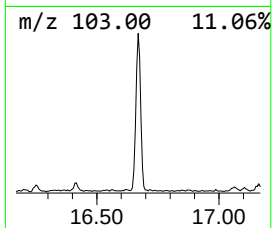
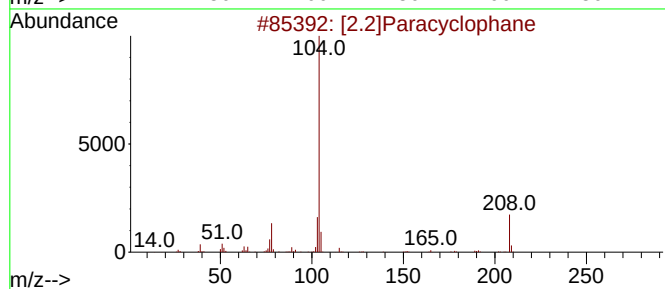
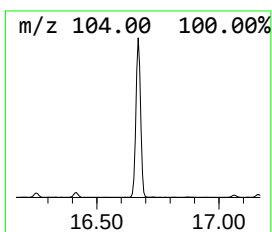
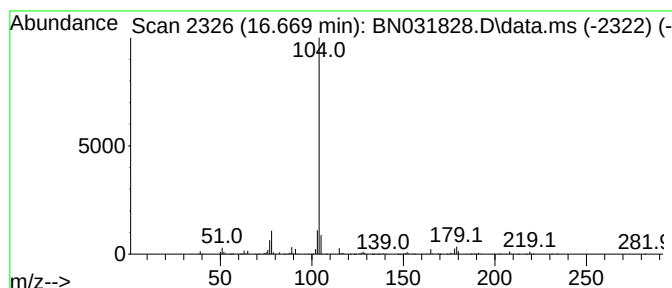
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 [2.2]Paracyclophane Concentration Rank 9

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 16.669 | 4.30 ng/ul | 1026340 | Phenanthrene-d10 | 17.063 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | [2.2]Paracyclophane                 |   |              | 208 | C16H16  | 001633-22-3 | 87   |
| 2    | Benzene, 1,1'-(1,2-cyclobutanedi... |   |              | 208 | C16H16  | 020071-09-4 | 86   |
| 3    | [2.2]Paracyclophane                 |   |              | 208 | C16H16  | 001633-22-3 | 83   |
| 4    | Cyclobutane, 1,2-diphenyl-          |   |              | 208 | C16H16  | 003018-21-1 | 72   |
| 5    | [2.2]Paracyclophane                 |   |              | 208 | C16H16  | 001633-22-3 | 72   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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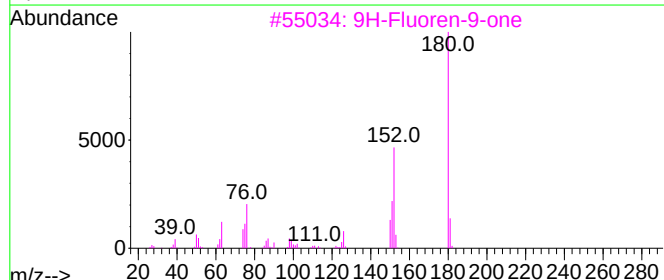
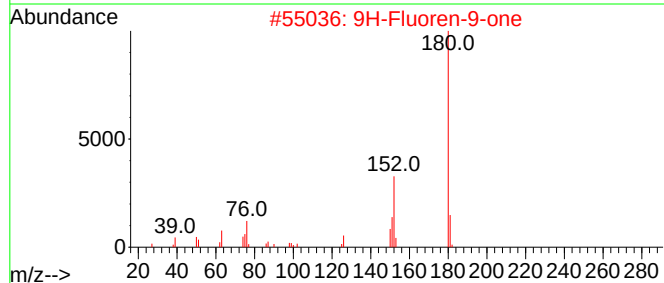
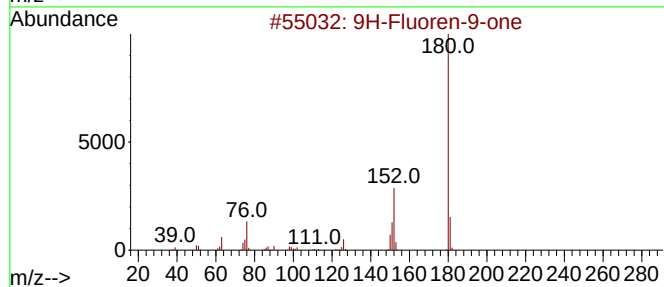
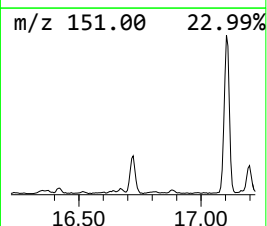
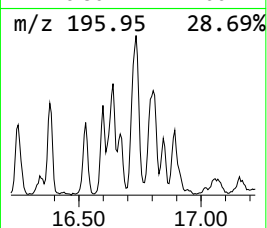
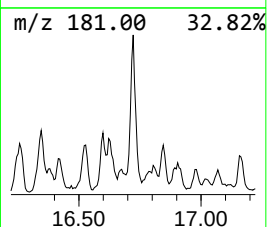
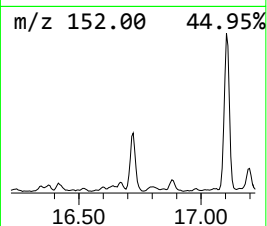
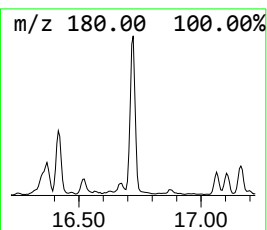
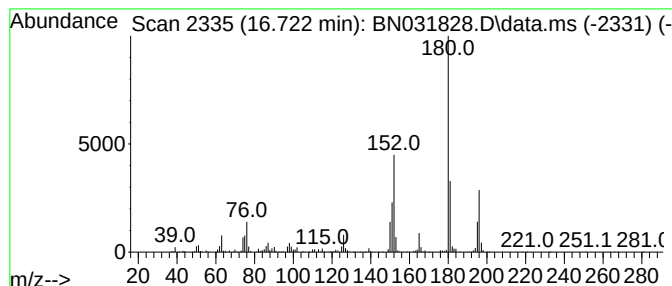
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 9H-Fluoren-9-one Concentration Rank 22

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.722 | 2.49 ng/ul | 593564 | Phenanthrene-d10 | 17.063 |

| Hit# | of                     | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 9H-Fluoren-9-one       |   |              | 180 | C13H8O  | 000486-25-9 | 93   |
| 2    | 9H-Fluoren-9-one       |   |              | 180 | C13H8O  | 000486-25-9 | 92   |
| 3    | 9H-Fluoren-9-one       |   |              | 180 | C13H8O  | 000486-25-9 | 76   |
| 4    | 9H-Fluoren-9-one       |   |              | 180 | C13H8O  | 000486-25-9 | 64   |
| 5    | 9,10-Phenanthrenedione |   |              | 208 | C14H8O2 | 000084-11-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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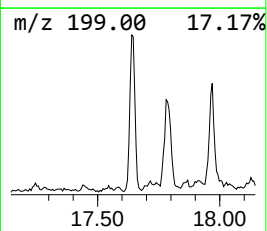
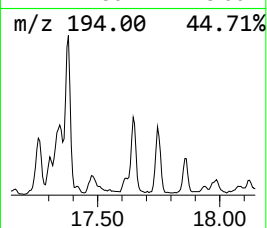
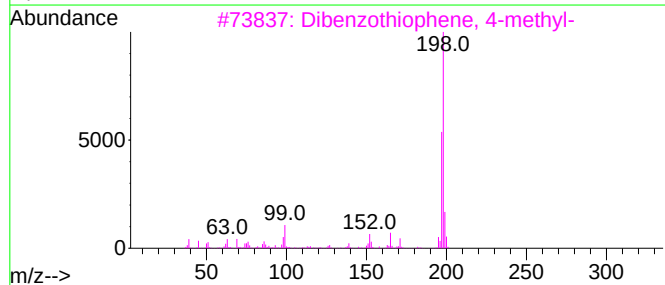
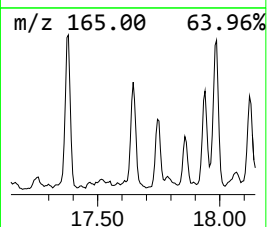
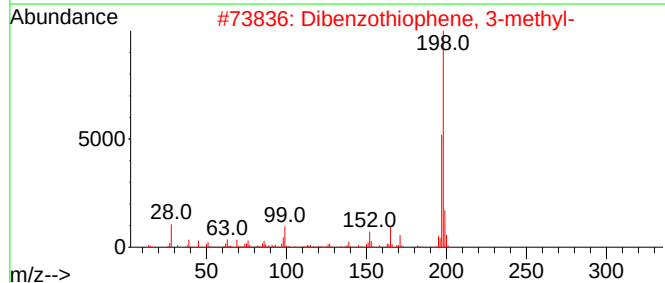
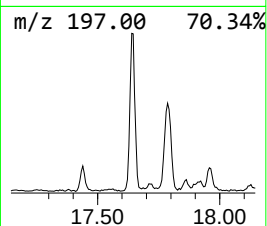
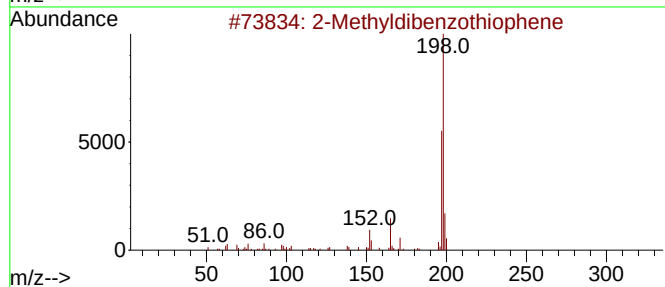
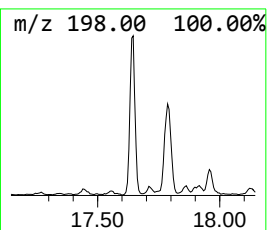
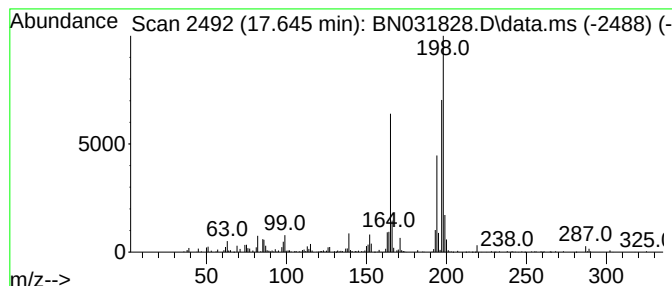
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 2-Methyldibenzothiophene Concentration Rank 25

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.645 | 2.32 ng/ul | 554563 | Phenanthrene-d10 | 17.063 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Methyldibenzothiophene     | 198 | C13H10S  | 1000383-55-1 | 62   |
| 2    |    |   | Dibenzothiophene, 3-methyl-  | 198 | C13H10S  | 016587-52-3  | 55   |
| 3    |    |   | Dibenzothiophene, 4-methyl-  | 198 | C13H10S  | 007372-88-5  | 55   |
| 4    |    |   | Benzo[c]cinnoline, 4-methyl- | 194 | C13H10N2 | 019174-78-8  | 52   |
| 5    |    |   | 9H-Fluorene-9-thiol          | 198 | C13H10S  | 019552-08-0  | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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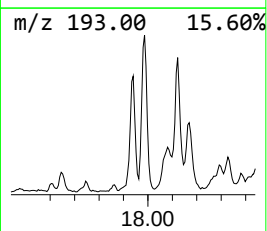
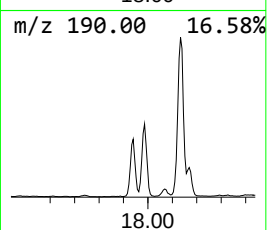
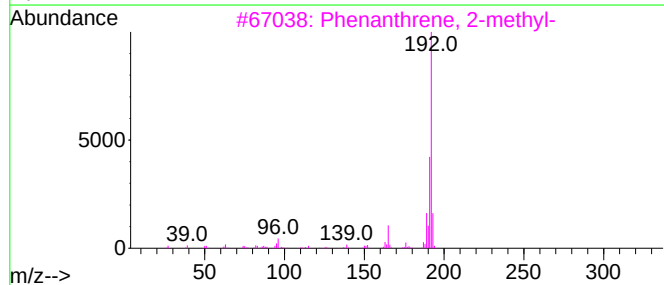
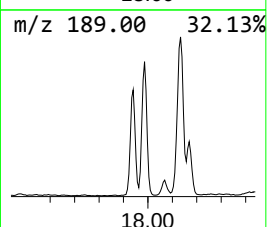
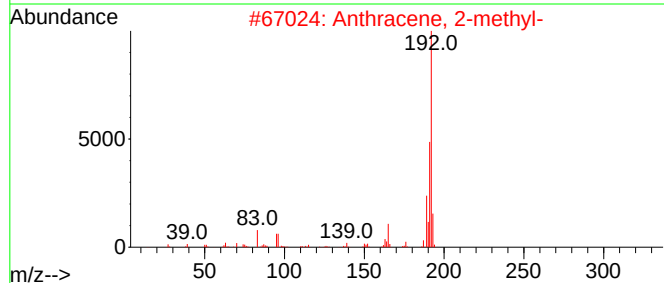
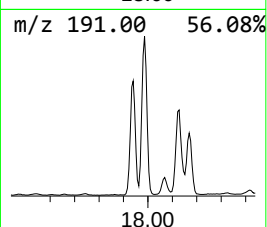
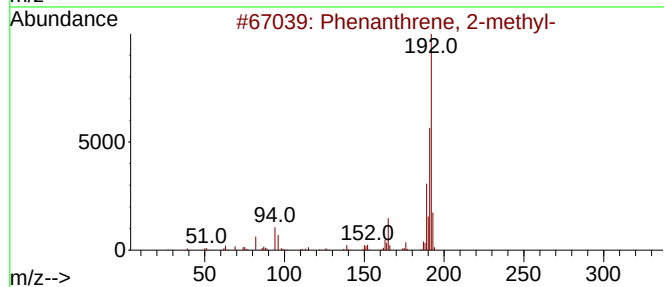
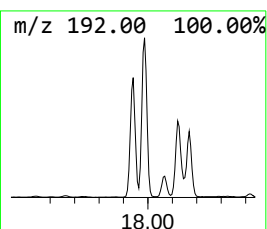
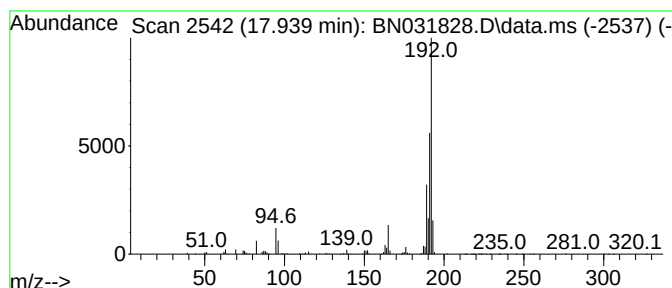
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 17.939 | 5.11 ng/ul | 1218190 | Phenanthrene-d10 | 17.063 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 97   |
| 2    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 95   |
| 3    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 95   |
| 4    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 93   |
| 5    |    |   | Phenanthrene, 4-methyl- | 192 | C15H12  | 000832-64-4 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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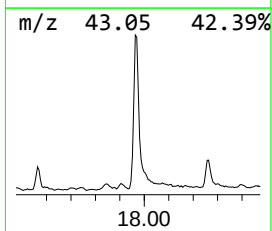
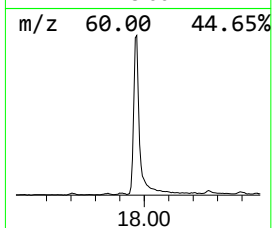
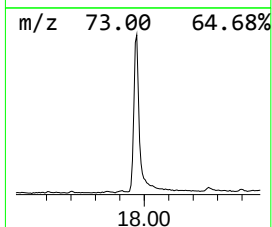
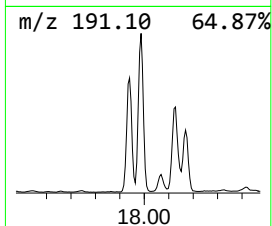
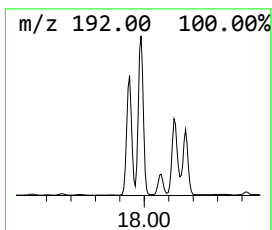
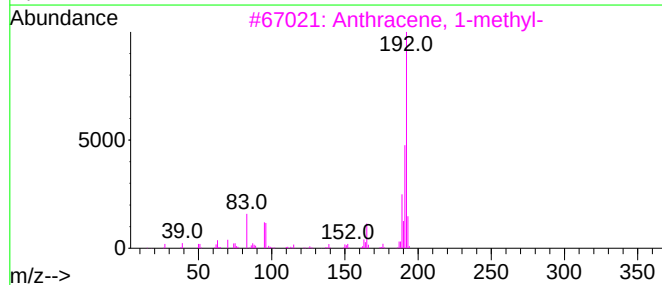
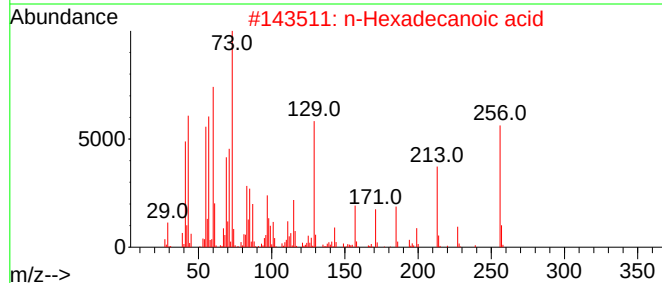
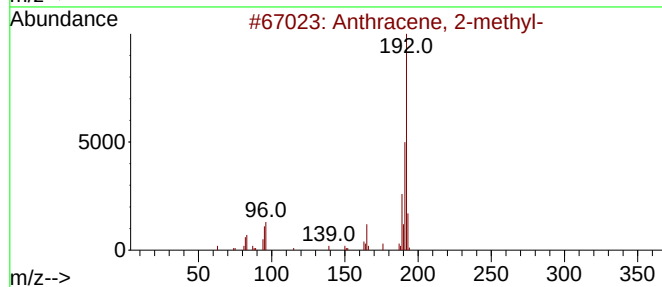
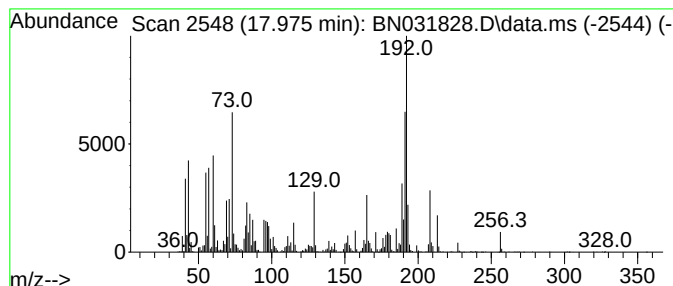
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Anthracene, 2-methyl- Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 17.975 | 15.00 ng/ul | 3579620 | Phenanthrene-d10 | 17.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Anthracene, 2-methyl-               | 192 | C15H12   | 000613-12-7 | 91   |
| 2    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 90   |
| 3    |    |   | Anthracene, 1-methyl-               | 192 | C15H12   | 000610-48-0 | 89   |
| 4    |    |   | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12   | 000949-41-7 | 87   |
| 5    |    |   | 1H-Indene, 2-phenyl-                | 192 | C15H12   | 004505-48-0 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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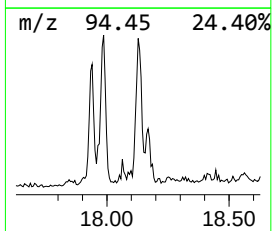
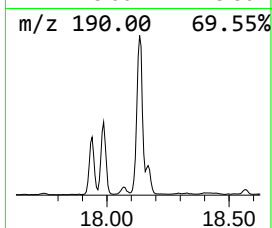
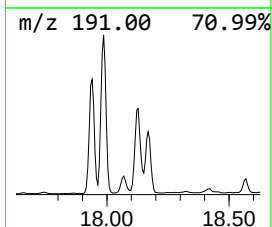
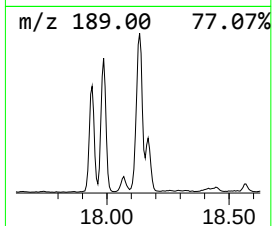
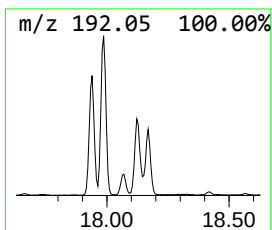
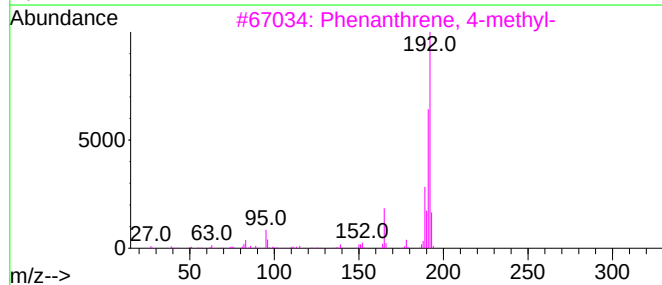
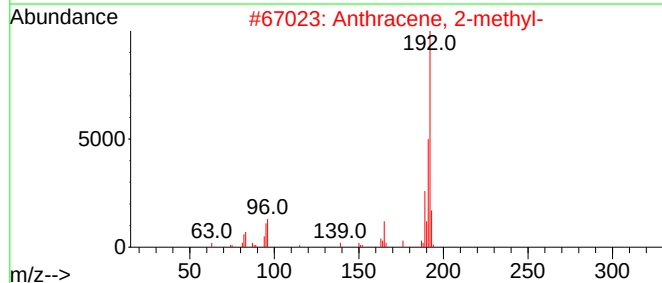
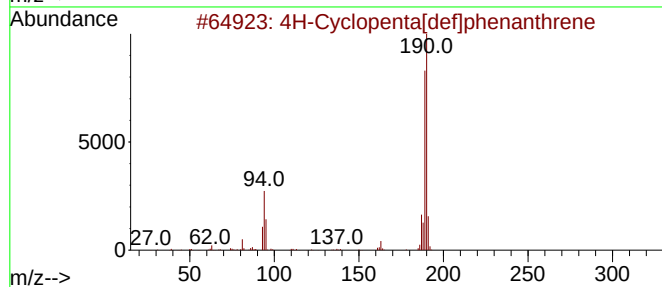
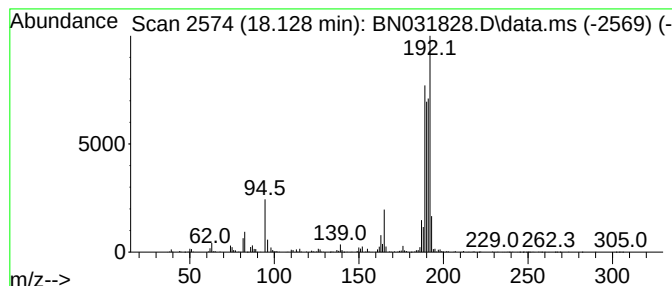
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T.      | EstConc                        | Area    | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------|---------|------------------|-------------|------|
| 18.128    | 5.63 ng/ul                     | 1343640 | Phenanthrene-d10 | 17.063      |      |
| Hit# of 5 | Tentative ID                   | MW      | MolForm          | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene | 190     | C15H10           | 000203-64-5 | 55   |
| 2         | Anthracene, 2-methyl-          | 192     | C15H12           | 000613-12-7 | 50   |
| 3         | Phenanthrene, 4-methyl-        | 192     | C15H12           | 000832-64-4 | 50   |
| 4         | 1H-Indene, 2-phenyl-           | 192     | C15H12           | 004505-48-0 | 50   |
| 5         | 1H-Indene, 2-phenyl-           | 192     | C15H12           | 004505-48-0 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION

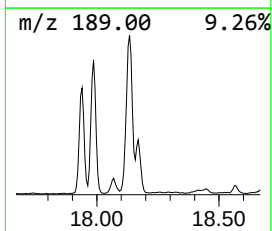
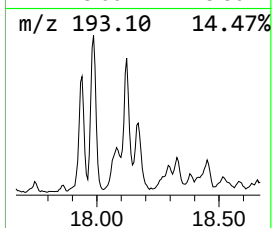
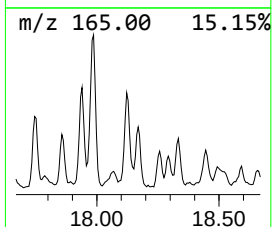
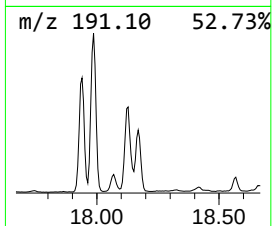
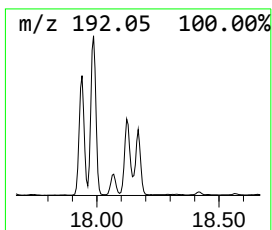
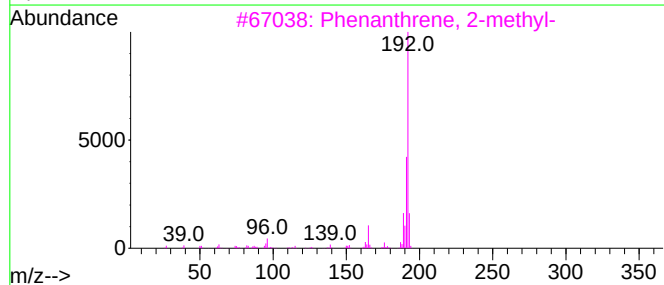
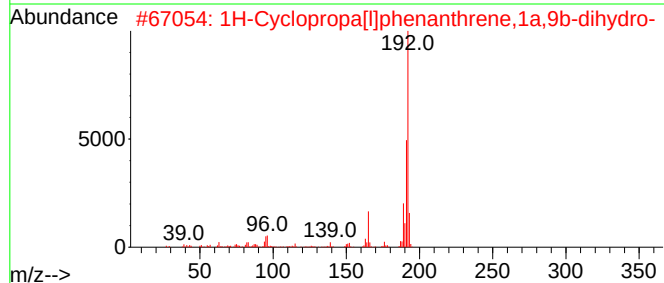
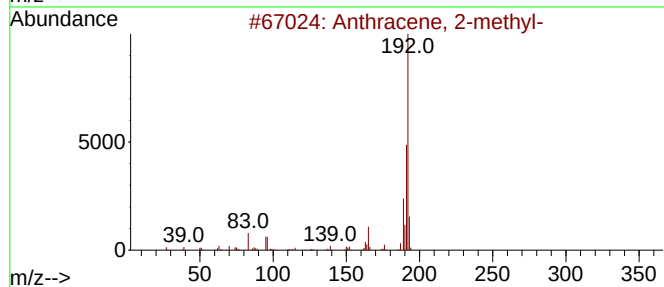
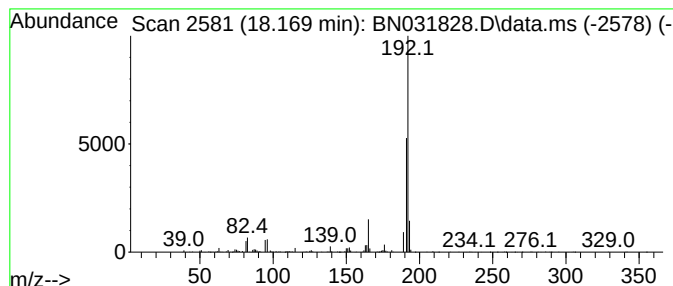
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 1H-Cyclopropa[1]phenanthren... Concentration Rank 17

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.169 | 2.80 ng/ul | 667571 | Phenanthrene-d10 | 17.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 2-methyl-               | 192 | C15H12  | 000613-12-7 | 94   |
| 2    |    |   | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 94   |
| 3    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 93   |
| 4    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 91   |
| 5    |    |   | Anthracene, 9-methyl-               | 192 | C15H12  | 000779-02-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

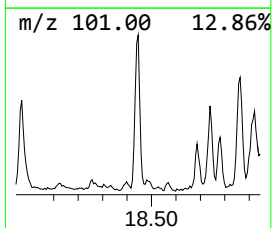
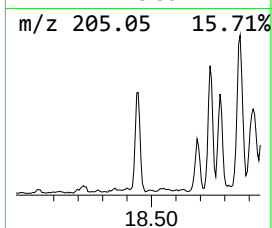
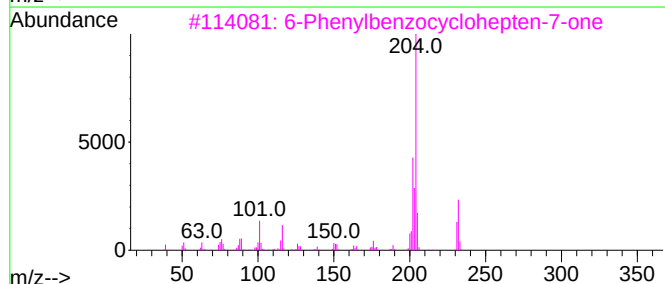
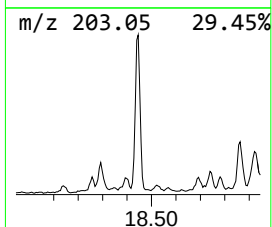
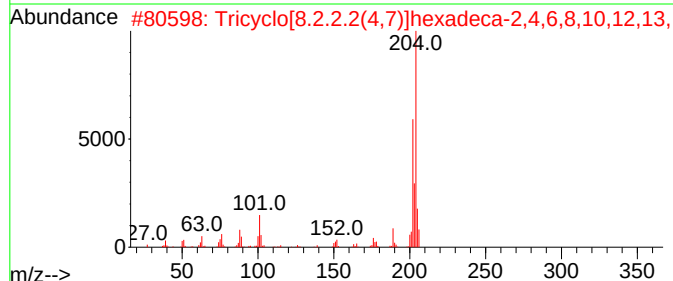
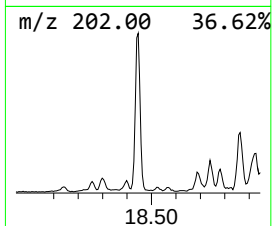
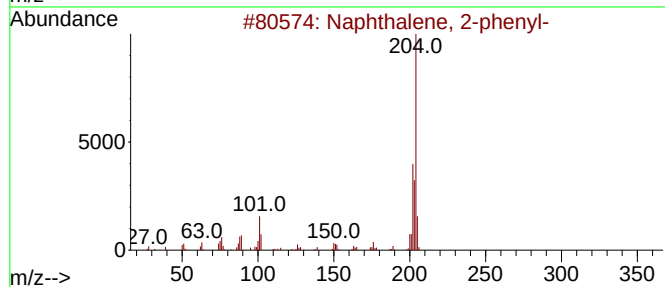
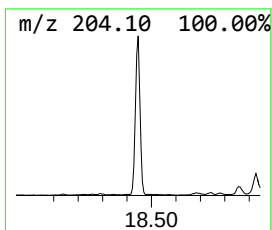
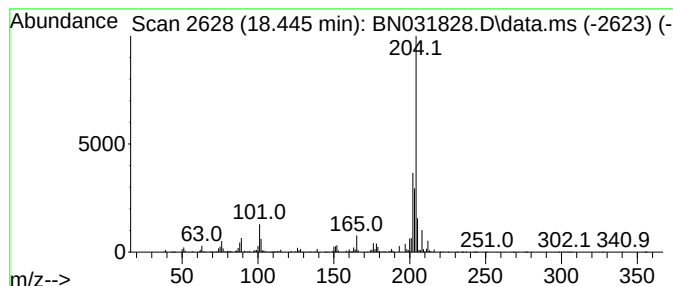
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.445 | 3.39 ng/ul | 809068 | Phenanthrene-d10 | 17.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-phenyl-              | 204 | C16H12  | 000612-94-2 | 93   |
| 2    |    |   | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12  | 006572-60-7 | 89   |
| 3    |    |   | 6-Phenylbenzocyclohepten-7-one      | 232 | C17H12O | 093327-56-1 | 86   |
| 4    |    |   | 5,16[1',2'] :8,13[1',2']-Dibenz...  | 408 | C32H24  | 005672-97-9 | 80   |
| 5    |    |   | Naphthalene, 2-phenyl-              | 204 | C16H12  | 000612-94-2 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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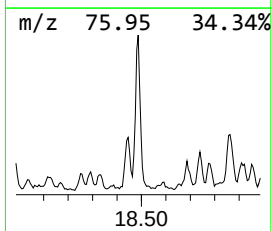
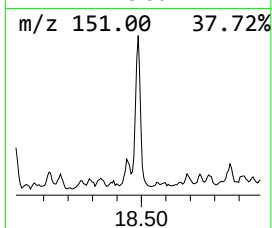
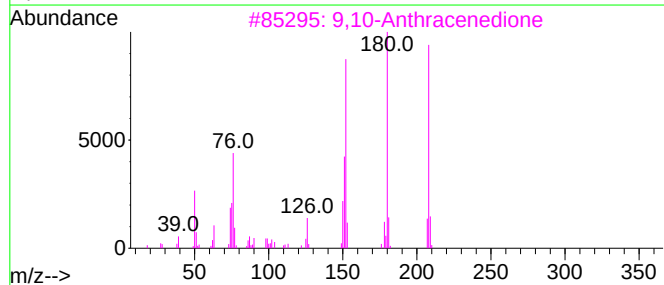
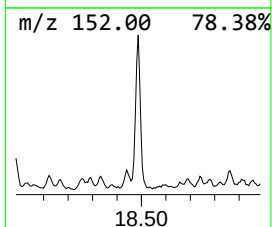
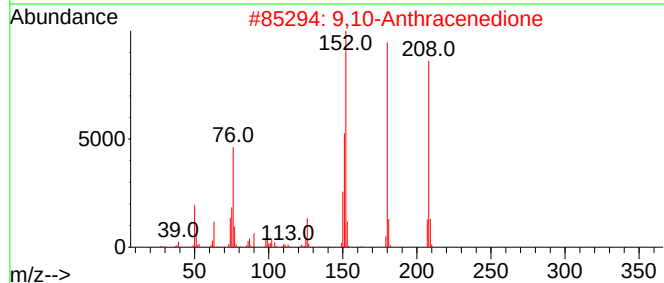
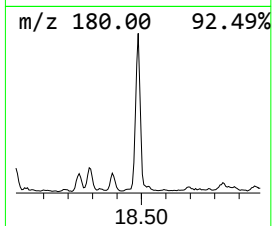
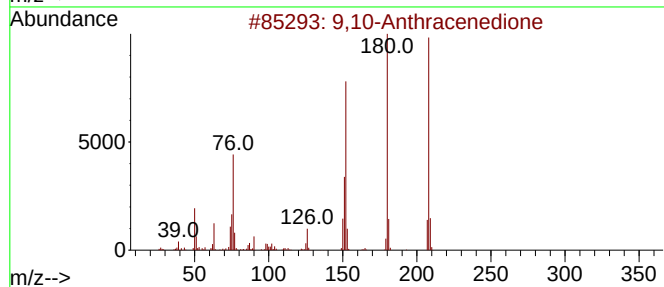
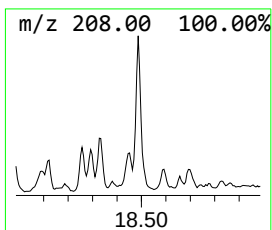
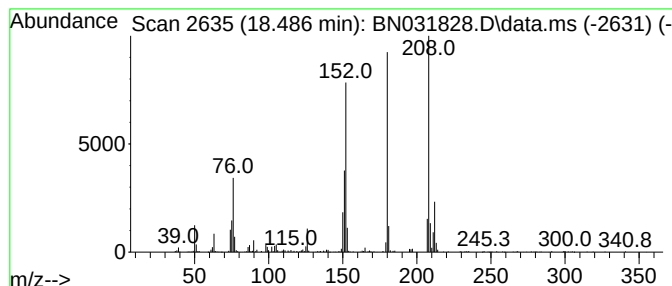
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 9,10-Anthracenedione Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.486 | 3.51 ng/ul | 838037 | Phenanthrene-d10 | 17.063 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98   |
| 2    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98   |
| 3    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97   |
| 4    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 96   |
| 5    |    |   | Benzo[c]cinnoline    | 180 | C12H8N2 | 000230-17-1 | 55   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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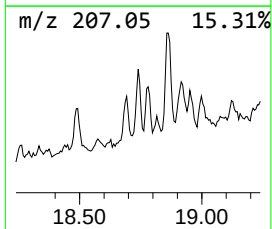
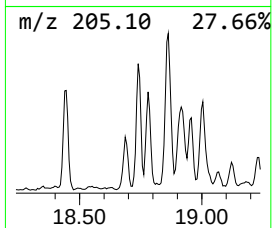
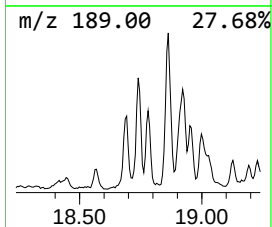
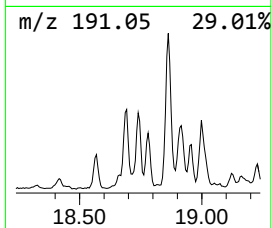
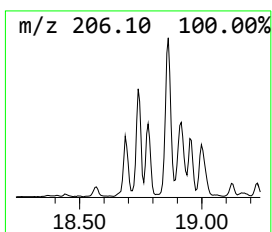
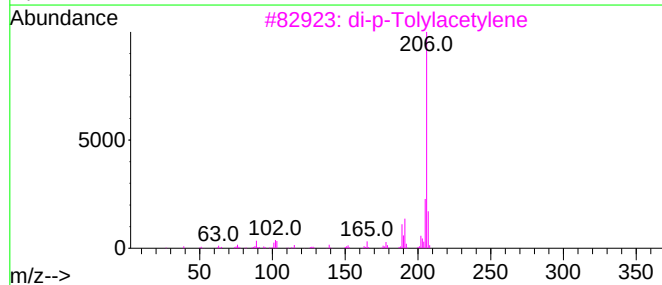
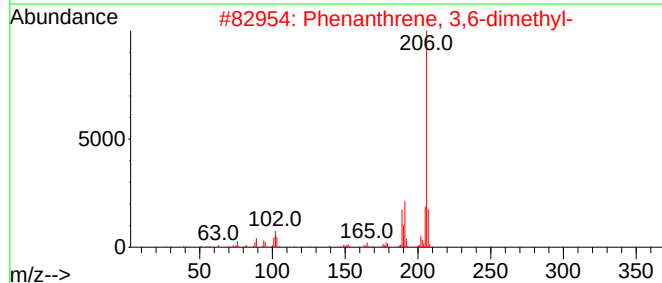
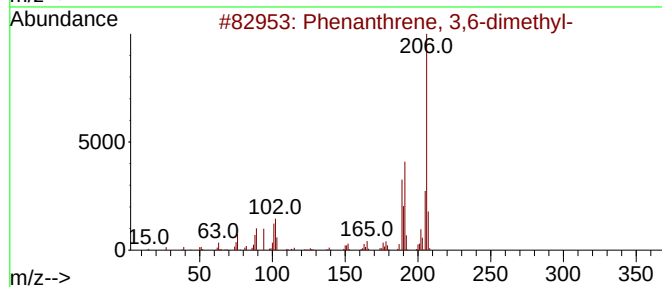
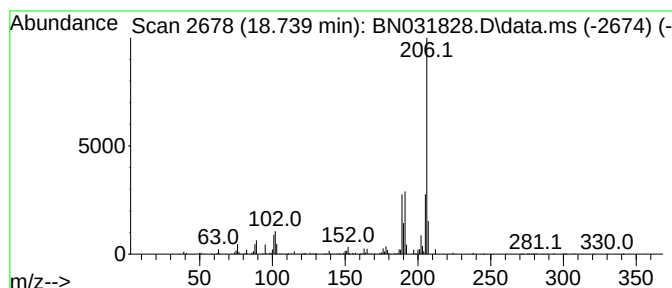
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 23

| R.T.      | EstConc                     | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------------|--------|------------------|---------|-------------|------|
| 18.739    | 2.38 ng/ul                  | 568619 | Phenanthrene-d10 |         | 17.063      |      |
| Hit# of 5 | Tentative ID                |        | MW               | MolForm | CAS#        | Qual |
| 1         | Phenanthrene, 3,6-dimethyl- |        | 206              | C16H14  | 001576-67-6 | 94   |
| 2         | Phenanthrene, 3,6-dimethyl- |        | 206              | C16H14  | 001576-67-6 | 93   |
| 3         | di-p-Tolylacetylene         |        | 206              | C16H14  | 002789-88-0 | 91   |
| 4         | Phenanthrene, 2,7-dimethyl- |        | 206              | C16H14  | 001576-69-8 | 87   |
| 5         | Phenanthrene, 1,7-dimethyl- |        | 206              | C16H14  | 000483-87-4 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
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Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

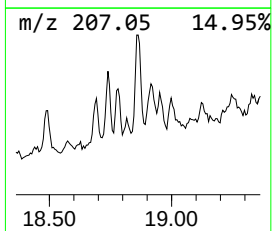
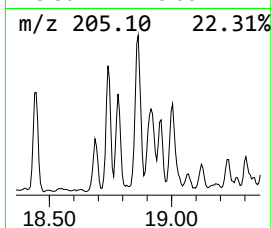
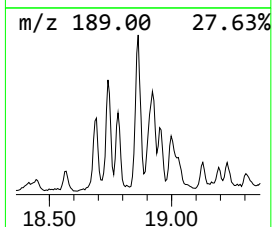
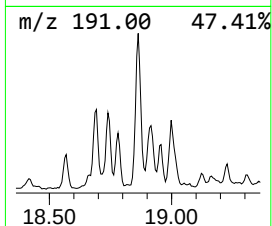
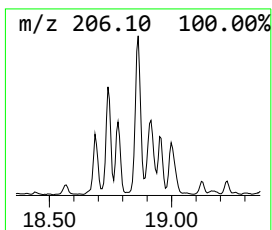
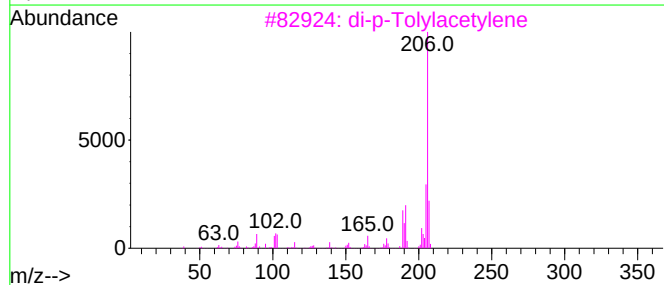
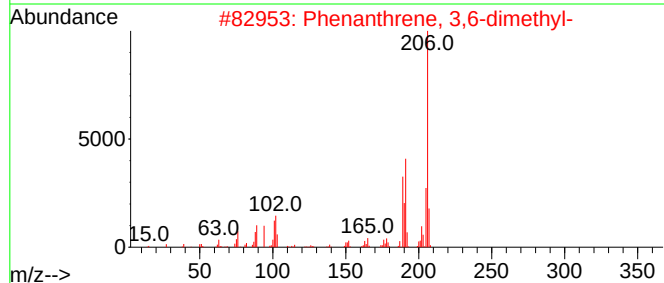
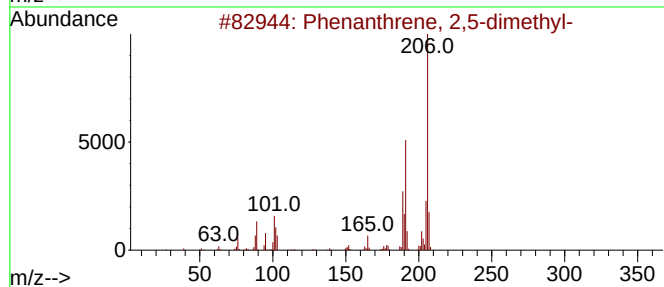
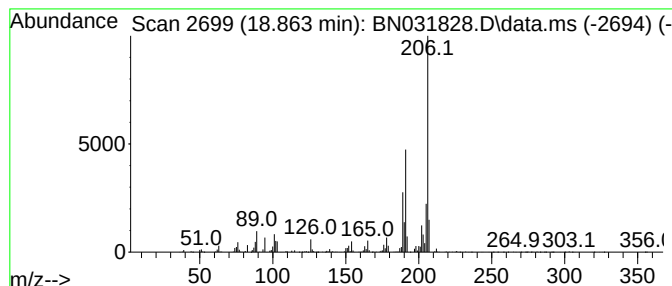
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

| R.T.      | EstConc                     | Area    | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------|---------|------------------|--------------|------|
| 18.863    | 4.44 ng/ul                  | 1058330 | Phenanthrene-d10 | 17.063       |      |
| Hit# of 5 | Tentative ID                | MW      | MolForm          | CAS#         | Qual |
| 1         | Phenanthrene, 2,5-dimethyl- | 206     | C16H14           | 003674-66-6  | 97   |
| 2         | Phenanthrene, 3,6-dimethyl- | 206     | C16H14           | 001576-67-6  | 94   |
| 3         | di-p-Tolylacetylene         | 206     | C16H14           | 002789-88-0  | 93   |
| 4         | 9,10-Dimethylanthracene     | 206     | C16H14           | 000781-43-1  | 93   |
| 5         | 3,4-Dimethylphenanthrene    | 206     | C16H14           | 1000452-24-5 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

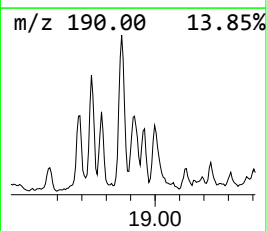
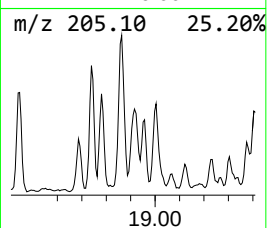
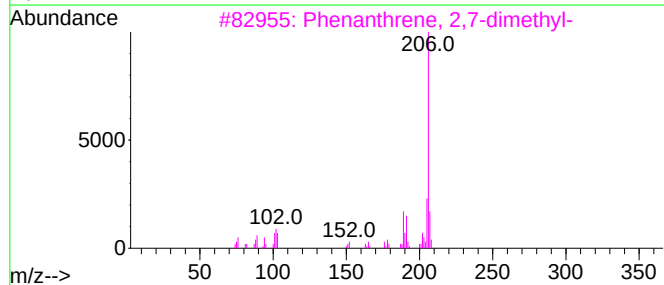
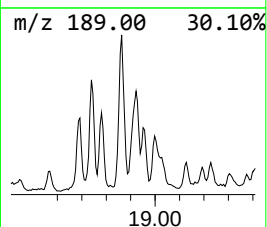
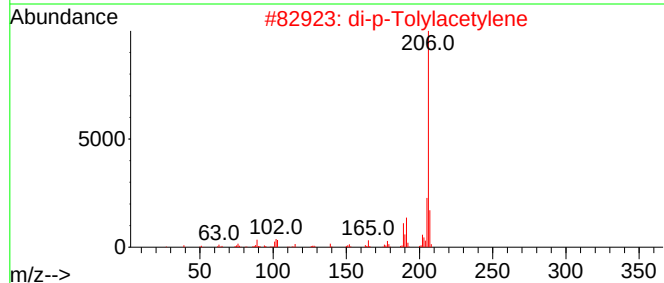
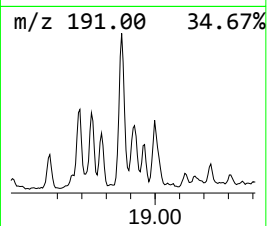
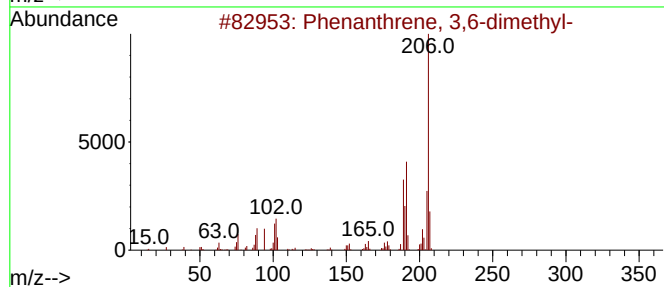
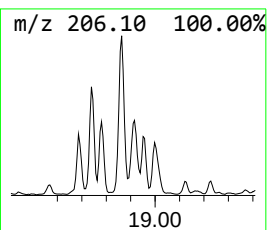
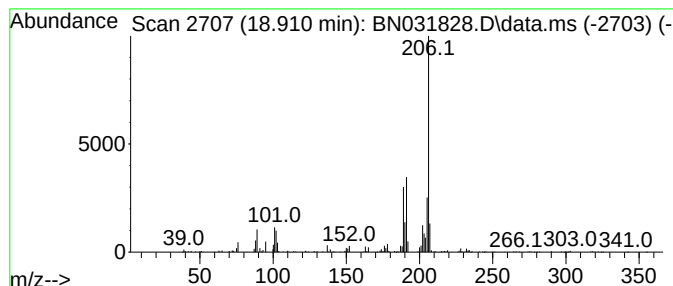
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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 di-p-Tolylacetylene Concentration Rank 26

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.910 | 2.32 ng/ul | 554161 | Phenanthrene-d10 | 17.063 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 96   |
| 2    |    |   | di-p-Tolylacetylene         | 206 | C16H14  | 002789-88-0 | 91   |
| 3    |    |   | Phenanthrene, 2,7-dimethyl- | 206 | C16H14  | 001576-69-8 | 90   |
| 4    |    |   | di-p-Tolylacetylene         | 206 | C16H14  | 002789-88-0 | 90   |
| 5    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

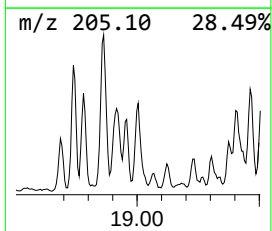
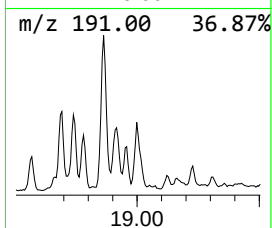
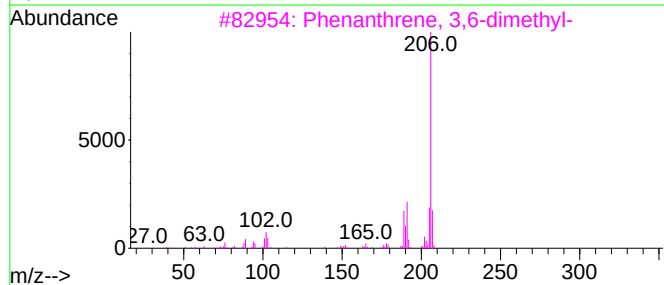
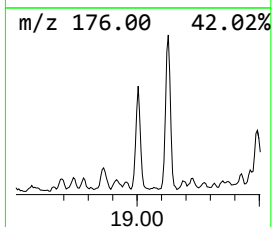
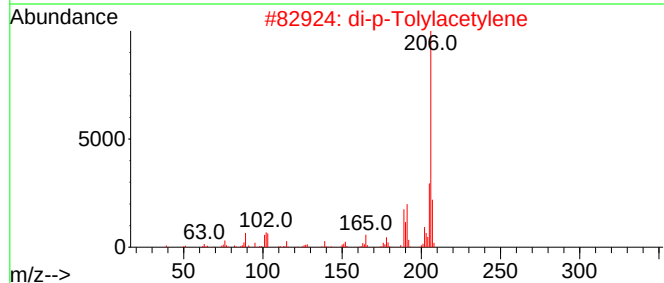
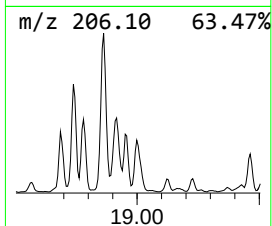
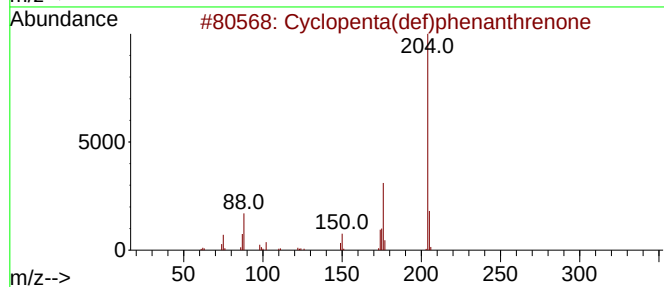
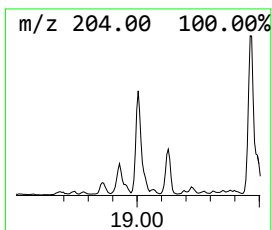
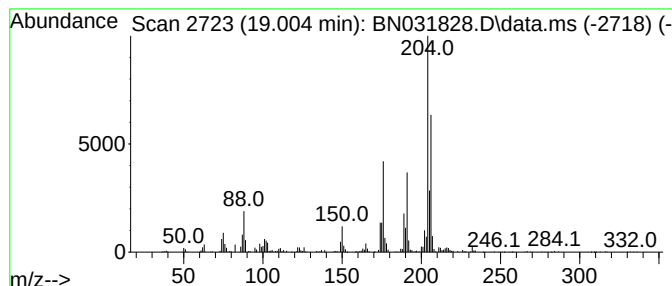
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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 14

| R.T.      | EstConc                           | Area   | Relative to ISTD |         |             | R.T.   |
|-----------|-----------------------------------|--------|------------------|---------|-------------|--------|
| 19.004    | 3.28 ng/ul                        | 782917 | Phenanthrene-d10 |         |             | 17.063 |
| Hit# of 5 | Tentative ID                      |        | MW               | MolForm | CAS#        | Qual   |
| 1         | Cyclopenta(def)phenanthrenone     |        | 204              | C15H8O  | 005737-13-3 | 95     |
| 2         | di-p-Tolylacetylene               |        | 206              | C16H14  | 002789-88-0 | 38     |
| 3         | Phenanthrene, 3,6-dimethyl-       |        | 206              | C16H14  | 001576-67-6 | 38     |
| 4         | 1H-Indene, 2-methyl-3-phenyl-     |        | 206              | C16H14  | 035099-60-6 | 30     |
| 5         | 1,3-Diphenyl-3-methylcyclopropene |        | 206              | C16H14  | 086544-79-8 | 30     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

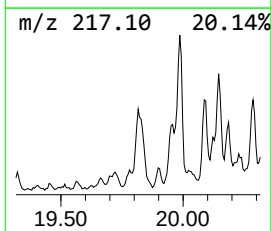
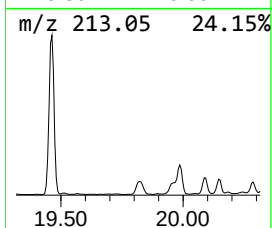
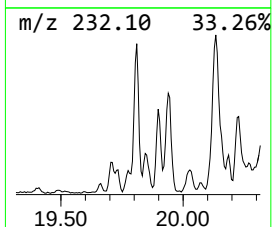
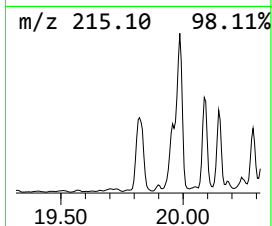
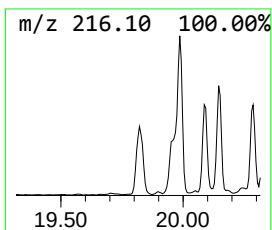
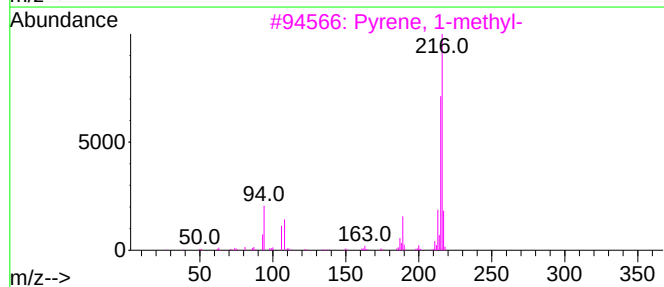
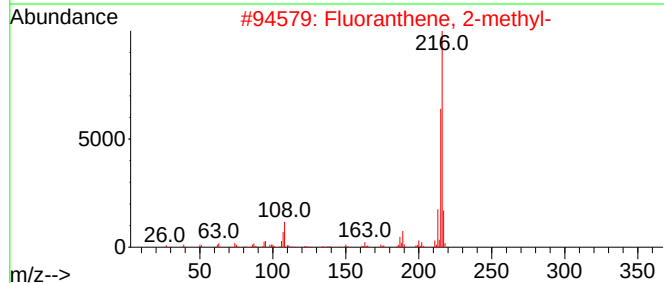
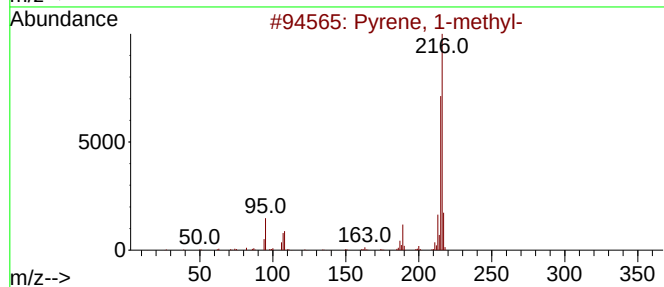
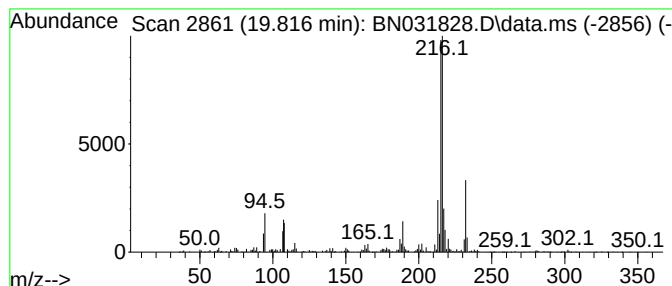
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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 Pyrene, 1-methyl- Concentration Rank 18

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 19.816 | 2.76 ng/ul | 1108260 | Chrysene-d12     | 21.298 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 90   |
| 2    |      | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 90   |
| 3    |      | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 89   |
| 4    |      | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 83   |
| 5    |      | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

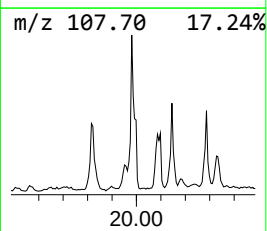
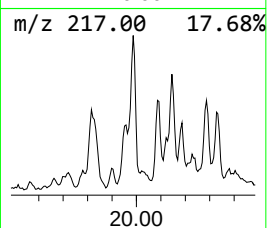
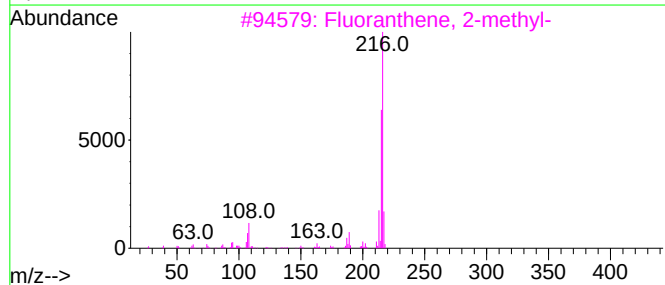
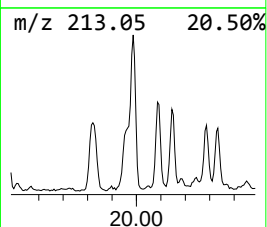
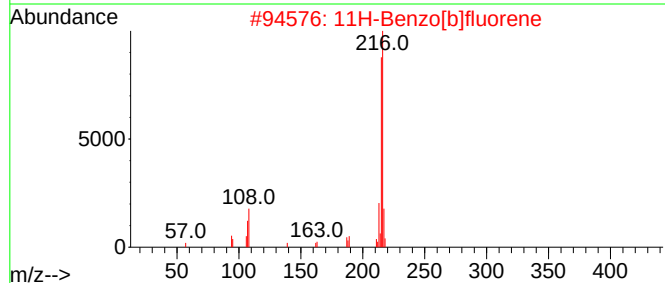
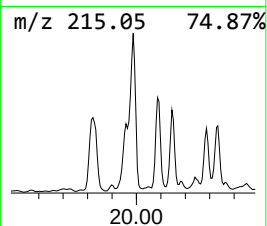
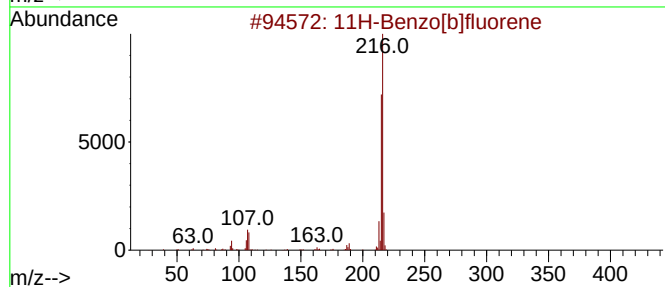
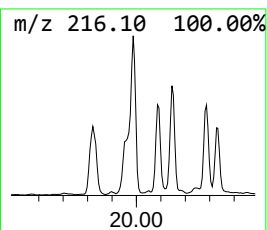
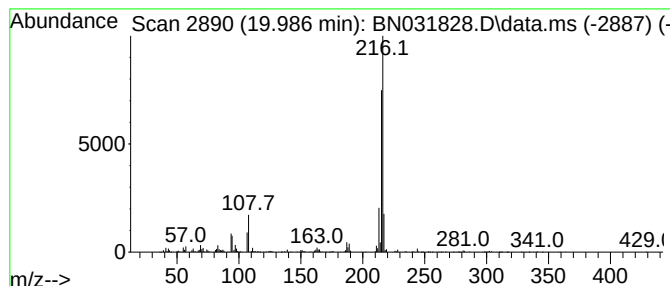
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Quant Title : SVOA CALIBRATION

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

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Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 27

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.986 | 2.06 ng/ul | 827588 | Chrysene-d12     | 21.298 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 93   |
| 2    |      | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 3    |      | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 91   |
| 4    |      | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 91   |
| 5    |      | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

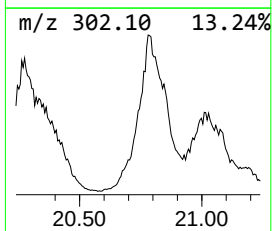
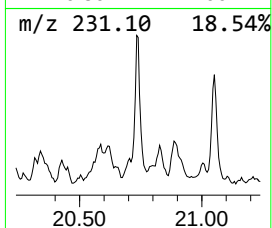
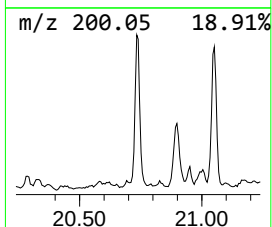
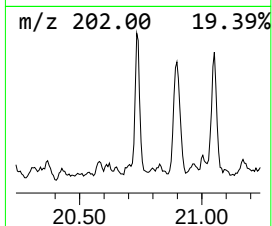
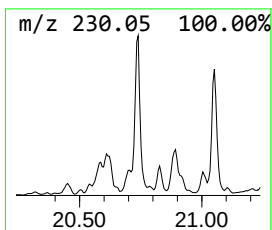
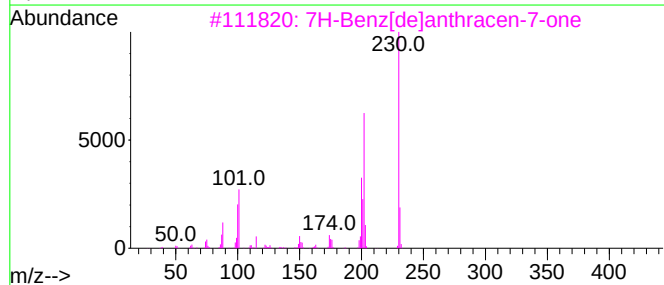
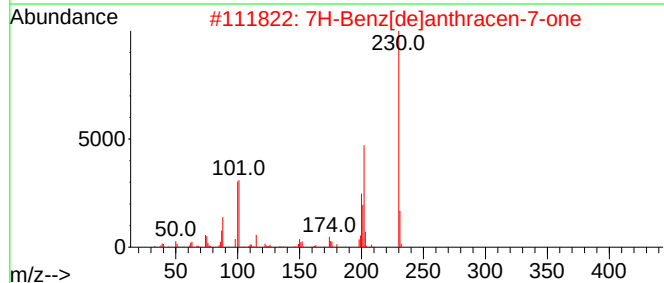
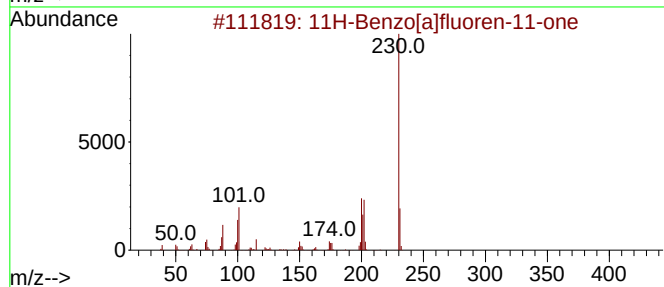
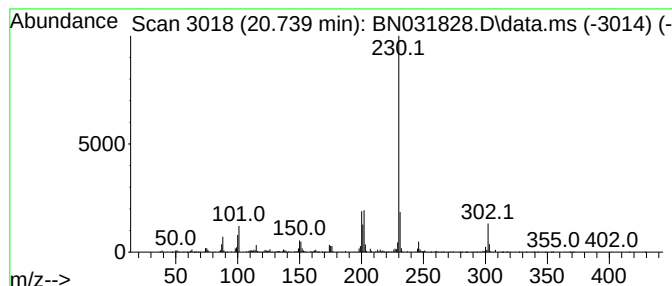
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Quant Title : SVOA CALIBRATION

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

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Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 21

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 20.739 | 2.58 ng/ul | 1035940 | Chrysene-d12     | 21.298 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------|-----|---------|-------------|------|
| 1    |      | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 98   |
| 2    |      | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87   |
| 3    |      | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87   |
| 4    |      | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 86   |
| 5    |      | 4-Pyrenecarbaldehyde       | 230 | C17H10O | 022245-51-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

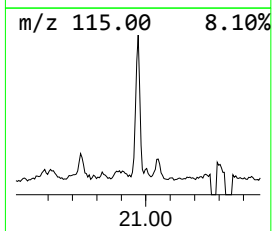
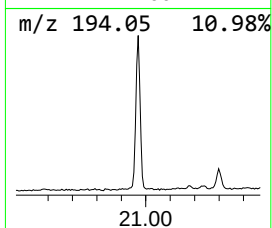
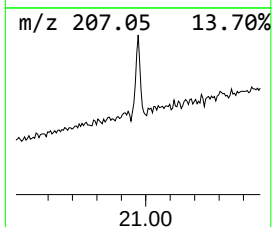
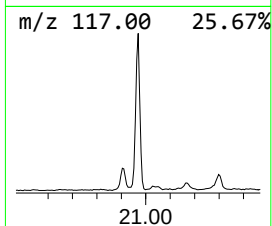
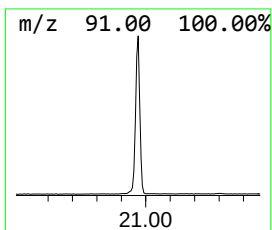
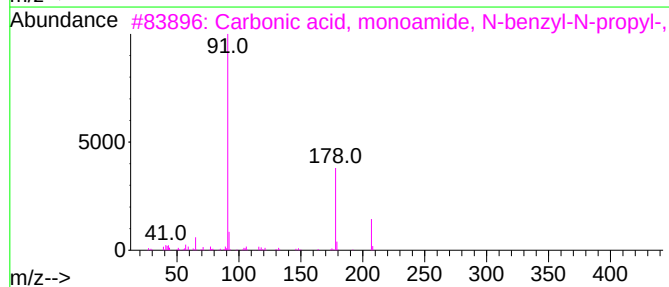
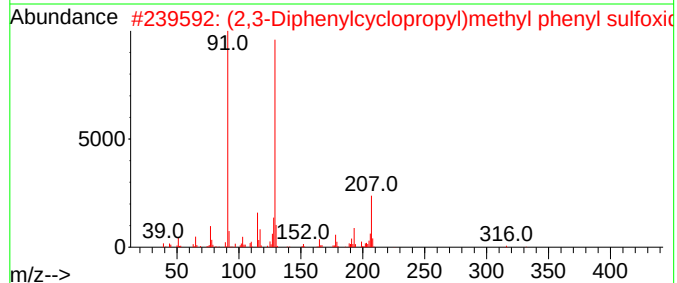
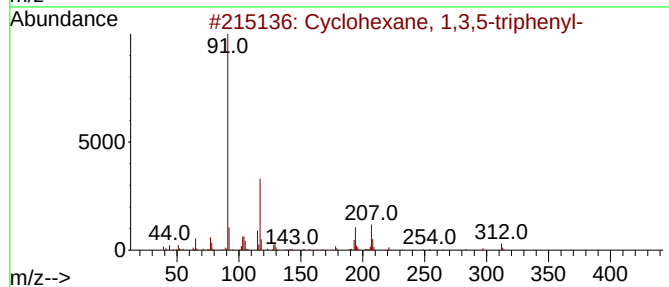
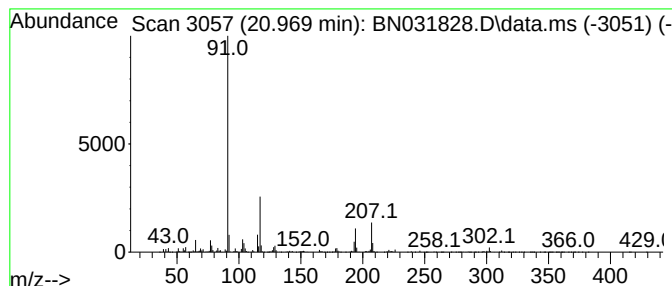
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 21 Cyclohexane, 1,3,5-triphenyl- Concentration Rank 2

| R.T.   | EstConc     | Area                                | Relative to ISTD | R.T.      |              |      |
|--------|-------------|-------------------------------------|------------------|-----------|--------------|------|
| 20.969 | 11.47 ng/ul | 4601060                             | Chrysene-d12     | 21.298    |              |      |
| Hit#   | of 5        | Tentative ID                        | MW               | MolForm   | CAS#         | Qual |
| 1      |             | Cyclohexane, 1,3,5-triphenyl-       | 312              | C24H24    | 028336-57-4  | 83   |
| 2      |             | (2,3-Diphenylcyclopropyl)methyl ... | 332              | C22H20O5  | 131758-71-9  | 38   |
| 3      |             | Carbonic acid, monoamide, N-benz... | 207              | C12H17NO2 | 1000451-48-5 | 27   |
| 4      |             | (R)-(1-Cyclopentylpropane-1,3-di... | 264              | C20H24    | 1402851-74-4 | 16   |
| 5      |             | 1-benzylindole                      | 207              | C15H13N   | 1000334-31-3 | 16   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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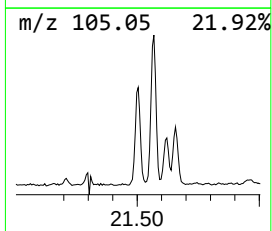
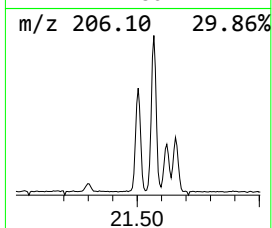
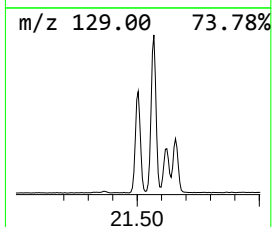
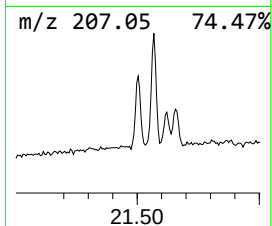
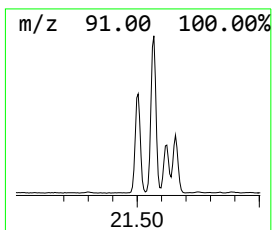
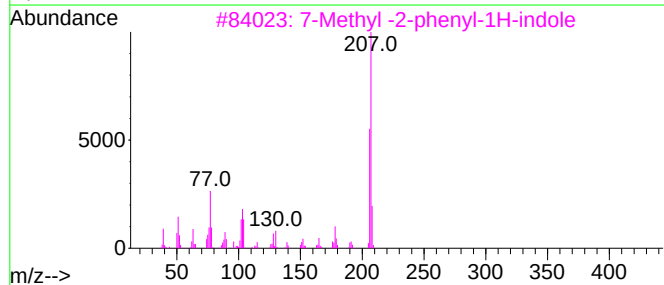
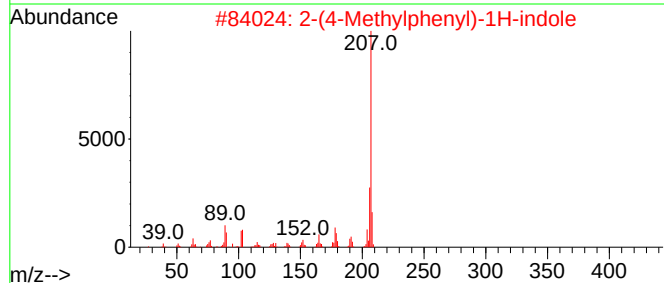
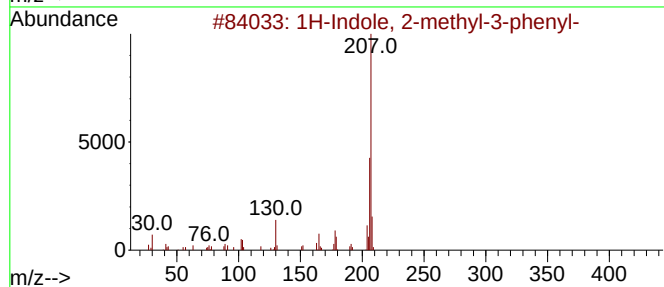
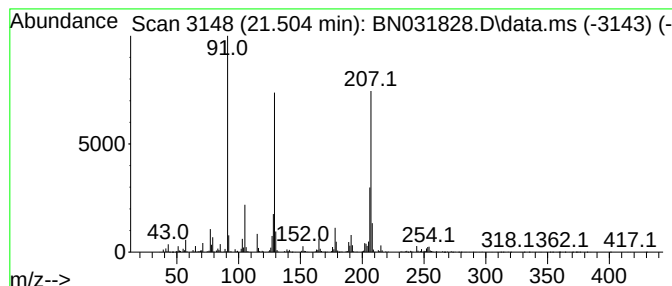
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Quant Title : SVOA CALIBRATION

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

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Peak Number 22 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.504 | 5.27 ng/ul | 2114080 | Chrysene-d12     | 21.298 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1H-Indole, 2-methyl-3-phenyl- |   |              | 207 | C15H13N | 004757-69-1 | 50   |
| 2    | 2-(4-Methylphenyl)-1H-indole  |   |              | 207 | C15H13N | 055577-25-8 | 46   |
| 3    | 7-Methyl -2-phenyl-1H-indole  |   |              | 207 | C15H13N | 059541-82-1 | 43   |
| 4    | 1H-Indole, 2-methyl-3-phenyl- |   |              | 207 | C15H13N | 004757-69-1 | 43   |
| 5    | 1H-Indole, 1-methyl-2-phenyl- |   |              | 207 | C15H13N | 003558-24-5 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

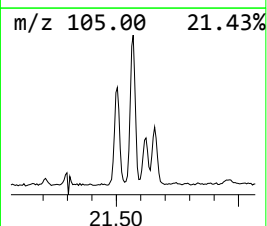
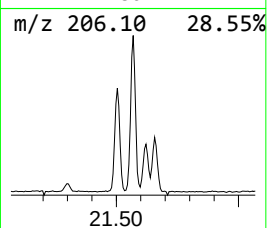
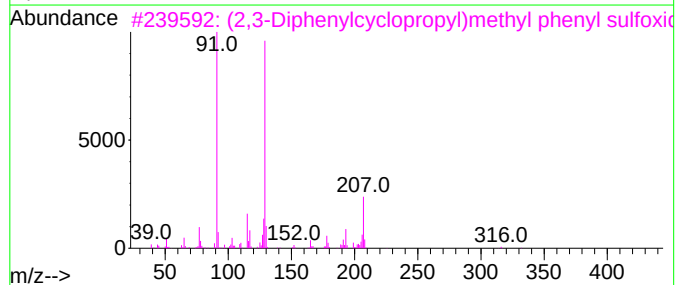
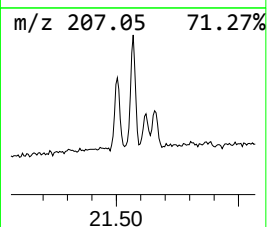
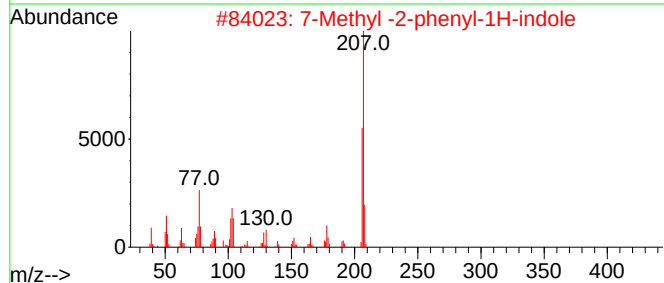
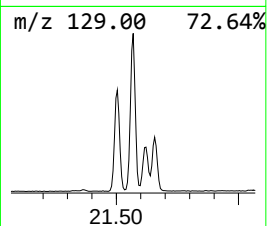
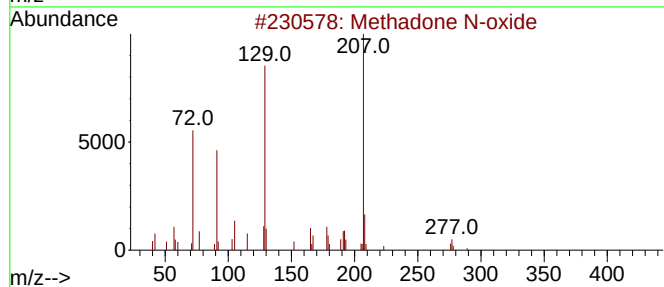
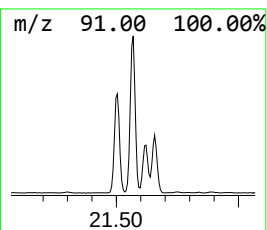
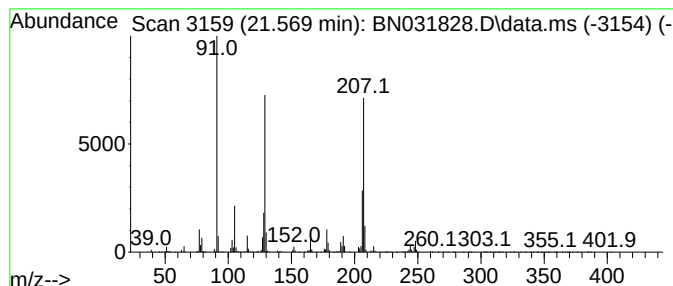
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Quant Title : SVOA CALIBRATION

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

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Peak Number 23 Methadone N-oxide Concentration Rank 3

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.569 | 7.47 ng/ul | 2996320 | Chrysene-d12     | 21.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Methadone N-oxide                   | 325 | C21H27NO2 | 1000120-80-7 | 52   |
| 2    |    |   | 7-Methyl -2-phenyl-1H-indole        | 207 | C15H13N   | 059541-82-1  | 43   |
| 3    |    |   | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20OS  | 131758-71-9  | 42   |
| 4    |    |   | 5-Methyl-2-phenylindolizine         | 207 | C15H13N   | 036944-99-7  | 41   |
| 5    |    |   | 1H-Indole, 2-methyl-3-phenyl-       | 207 | C15H13N   | 004757-69-1  | 41   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

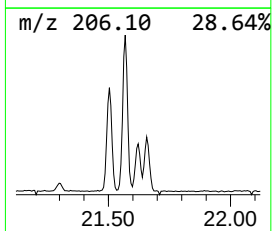
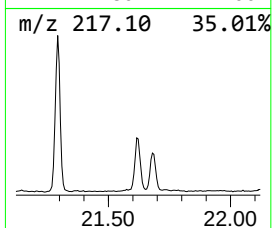
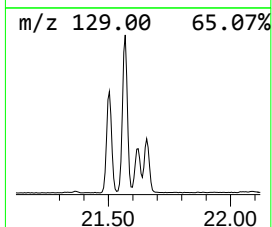
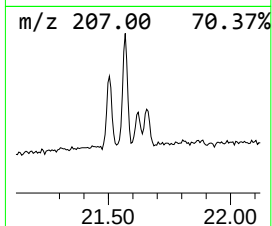
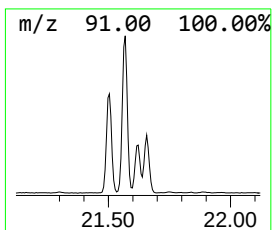
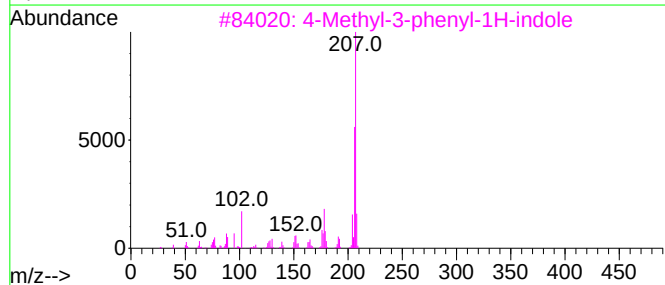
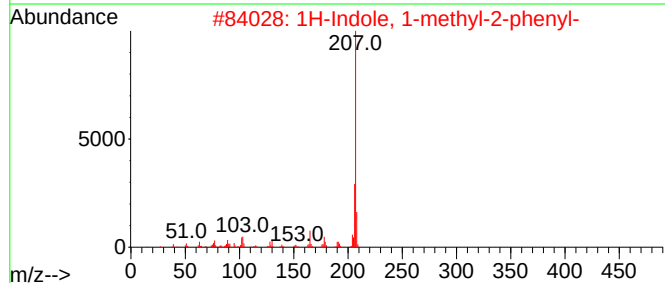
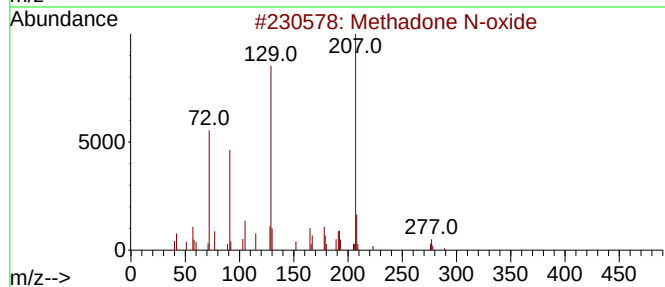
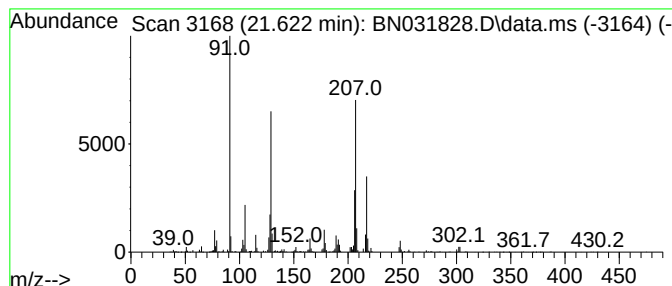
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Quant Title : SVOA CALIBRATION

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

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Peak Number 24 unknown-02 Concentration Rank 24

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.622 | 2.34 ng/ul | 938301 | Chrysene-d12     | 21.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Methadone N-oxide                   | 325 | C21H27NO2 | 1000120-80-7 | 47   |
| 2    |    |   | 1H-Indole, 1-methyl-2-phenyl-       | 207 | C15H13N   | 003558-24-5  | 42   |
| 3    |    |   | 4-Methyl-3-phenyl-1H-indole         | 207 | C15H13N   | 180271-54-9  | 38   |
| 4    |    |   | 2-(4-Methylphenyl)-1H-indole        | 207 | C15H13N   | 055577-25-8  | 38   |
| 5    |    |   | 1-Propene, 3-(2-cyclopentenyl)-2... | 274 | C21H22    | 1010154-23-3 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION

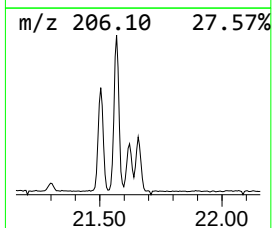
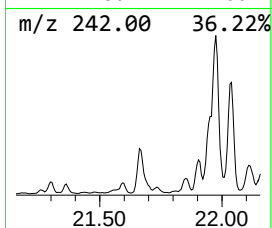
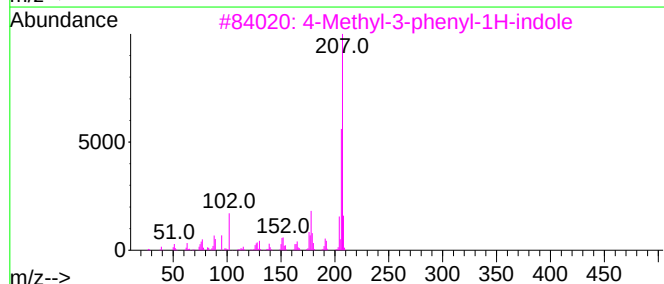
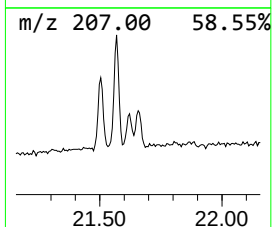
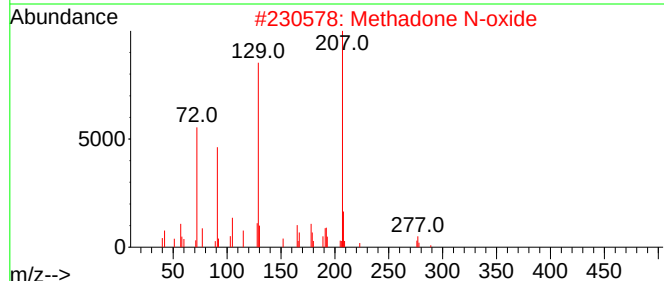
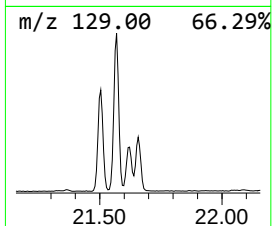
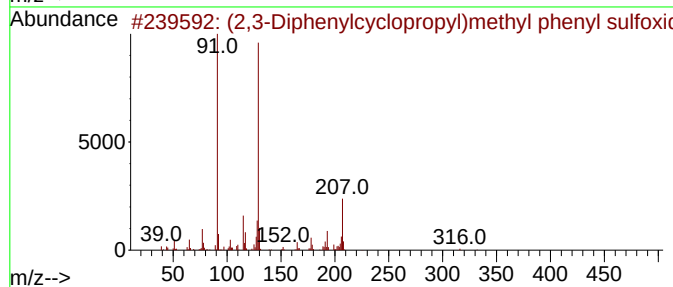
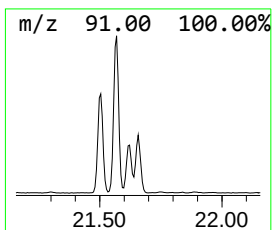
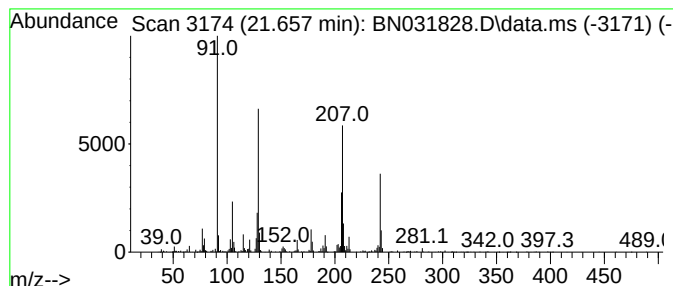
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 25 (2,3-Diphenylcyclopropyl)me... Concentration Rank 16

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.657 | 3.19 ng/ul | 1278950 | Chrysene-d12     | 21.298 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20O5   | 131758-71-9  | 50   |
| 2    |    |   | Methadone N-oxide                   | 325 | C21H27NO2  | 1000120-80-7 | 46   |
| 3    |    |   | 4-Methyl-3-phenyl-1H-indole         | 207 | C15H13N    | 180271-54-9  | 27   |
| 4    |    |   | 3-Hydroxytriazolo[4,3-a]pyridine... | 207 | C9H13N3OSi | 1000476-39-3 | 25   |
| 5    |    |   | 1H-Indole, 5-methyl-2-phenyl-       | 207 | C15H13N    | 013228-36-9  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

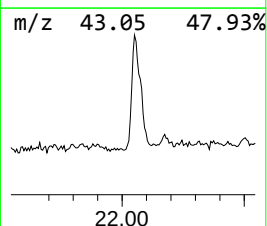
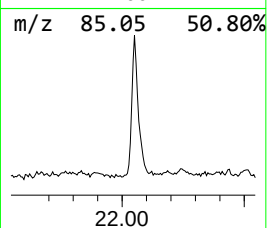
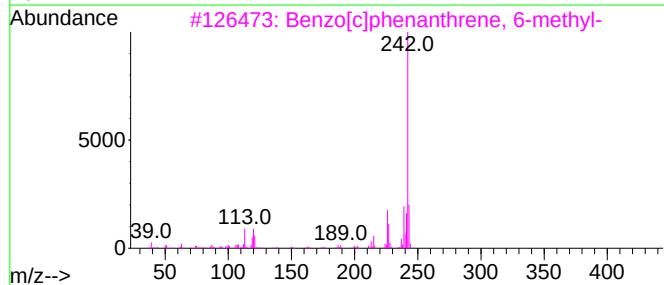
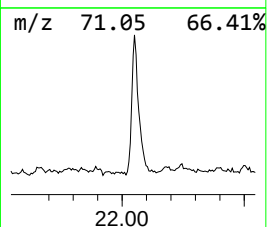
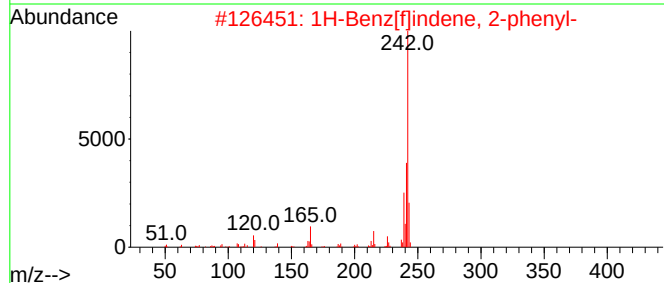
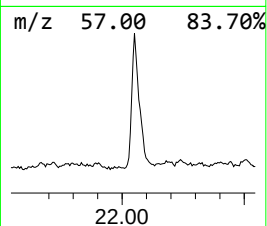
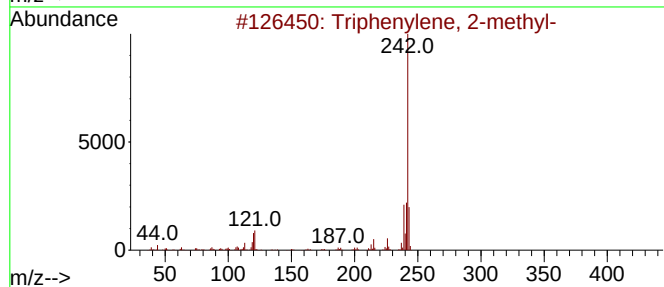
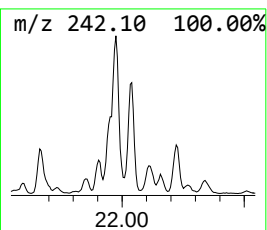
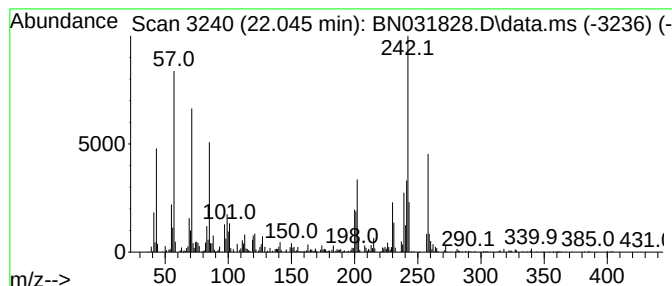
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Quant Title : SVOA CALIBRATION

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

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Peak Number 26 Triphenylene, 2-methyl- Concentration Rank 20

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 22.045 | 2.66 ng/ul | 1065580 | Chrysene-d12     | 21.298 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------------|-----|---------|--------------|------|
| 1    |    |   | Triphenylene, 2-methyl-         | 242 | C19H14  | 001705-84-6  | 93   |
| 2    |    |   | 1H-Benz[f]indene, 2-phenyl-     | 242 | C19H14  | 1000305-22-4 | 86   |
| 3    |    |   | Benzo[c]phenanthrene, 6-methyl- | 242 | C19H14  | 002381-34-2  | 80   |
| 4    |    |   | Benz[a]anthracene, 12-methyl-   | 242 | C19H14  | 002422-79-9  | 70   |
| 5    |    |   | Benz[a]anthracene, 7-methyl-    | 242 | C19H14  | 002541-69-7  | 66   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
Data File : BN031828.D  
Acq On : 06 Jun 2024 21:12  
Operator : MA/JU  
Sample : P2634-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BHBX9

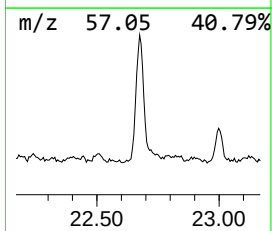
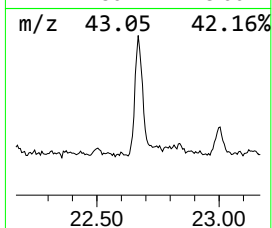
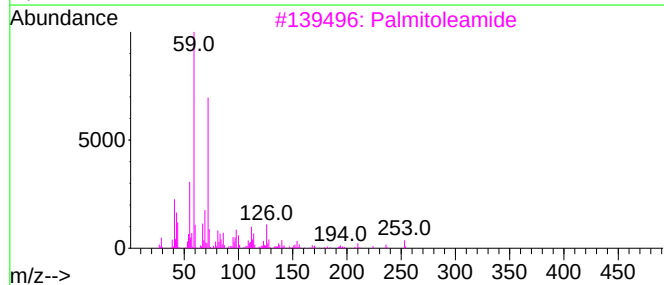
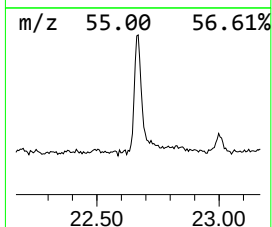
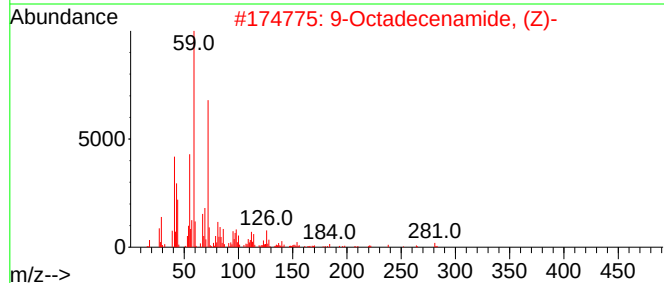
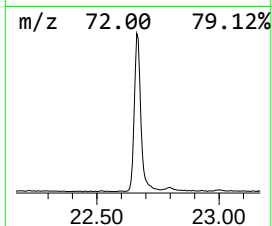
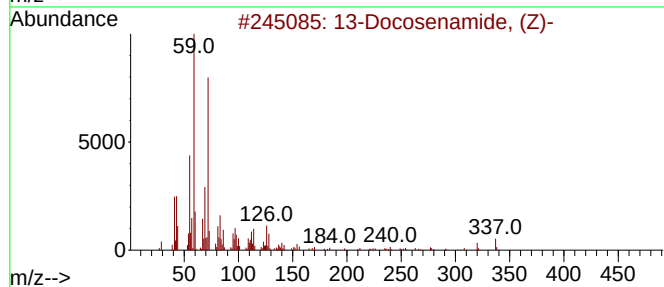
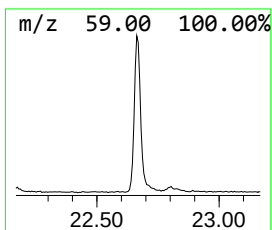
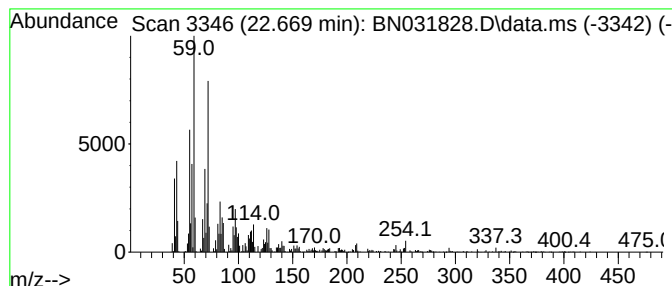
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Quant Title : SVOA CALIBRATION

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

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Peak Number 27 13-Docosenamide, (Z)- Concentration Rank 10

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 22.669 | 4.12 ng/ul | 1653730 | Chrysene-d12     | 21.298 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------|-----|----------|-------------|------|
| 1    |    |   | 13-Docosenamide, (Z)-  | 337 | C22H43NO | 000112-84-5 | 97   |
| 2    |    |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 83   |
| 3    |    |   | Palmitoleamide         | 253 | C16H31NO | 106010-22-4 | 80   |
| 4    |    |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 72   |
| 5    |    |   | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060624\  
 Data File : BN031828.D  
 Acq On : 06 Jun 2024 21:12  
 Operator : MA/JU  
 Sample : P2634-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BHBX9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| unknown-01         | 3.693  | 3.3     | ng/ul | 437123   | 1                     | 7.669  | 2622650 | 20.0 |
| 1-Phenoxypropan... | 11.199 | 3.2     | ng/ul | 637721   | 2                     | 10.458 | 3944440 | 20.0 |
| (DEL) Alkane: S... | 16.040 | 2.8     | ng/ul | 657487   | 4                     | 17.063 | 4772130 | 20.0 |
| [2.2]Paracyclop... | 16.669 | 4.3     | ng/ul | 1026340  | 4                     | 17.063 | 4772130 | 20.0 |
| 9H-Fluoren-9-one   | 16.722 | 2.5     | ng/ul | 593564   | 4                     | 17.063 | 4772130 | 20.0 |
| 2-Methyldibenzo... | 17.645 | 2.3     | ng/ul | 554563   | 4                     | 17.063 | 4772130 | 20.0 |
| Phenanthrene, 2... | 17.939 | 5.1     | ng/ul | 1218190  | 4                     | 17.063 | 4772130 | 20.0 |
| Anthracene, 2-m... | 17.975 | 15.0    | ng/ul | 3579620  | 4                     | 17.063 | 4772130 | 20.0 |
| 4H-Cyclopenta[d... | 18.128 | 5.6     | ng/ul | 1343640  | 4                     | 17.063 | 4772130 | 20.0 |
| 1H-Cyclopropa[1... | 18.169 | 2.8     | ng/ul | 667571   | 4                     | 17.063 | 4772130 | 20.0 |
| Naphthalene, 2-... | 18.445 | 3.4     | ng/ul | 809068   | 4                     | 17.063 | 4772130 | 20.0 |
| 9,10-Anthracene... | 18.486 | 3.5     | ng/ul | 838037   | 4                     | 17.063 | 4772130 | 20.0 |
| Phenanthrene, 3... | 18.739 | 2.4     | ng/ul | 568619   | 4                     | 17.063 | 4772130 | 20.0 |
| Phenanthrene, 2... | 18.863 | 4.4     | ng/ul | 1058330  | 4                     | 17.063 | 4772130 | 20.0 |
| di-p-Tolylacety... | 18.910 | 2.3     | ng/ul | 554161   | 4                     | 17.063 | 4772130 | 20.0 |
| Cyclopenta(def)... | 19.004 | 3.3     | ng/ul | 782917   | 4                     | 17.063 | 4772130 | 20.0 |
| Pyrene, 1-methyl-  | 19.816 | 2.8     | ng/ul | 1108260  | 5                     | 21.298 | 8022100 | 20.0 |
| 11H-Benzo[b]flu... | 19.986 | 2.1     | ng/ul | 827588   | 5                     | 21.298 | 8022100 | 20.0 |
| 11H-Benzo[a]flu... | 20.739 | 2.6     | ng/ul | 1035940  | 5                     | 21.298 | 8022100 | 20.0 |
| Cyclohexane, 1,... | 20.969 | 11.5    | ng/ul | 4601060  | 5                     | 21.298 | 8022100 | 20.0 |
| 1H-Indole, 2-me... | 21.504 | 5.3     | ng/ul | 2114080  | 5                     | 21.298 | 8022100 | 20.0 |
| Methadone N-oxide  | 21.569 | 7.5     | ng/ul | 2996320  | 5                     | 21.298 | 8022100 | 20.0 |
| unknown-02         | 21.622 | 2.3     | ng/ul | 938301   | 5                     | 21.298 | 8022100 | 20.0 |
| (2,3-Diphenylcy... | 21.657 | 3.2     | ng/ul | 1278950  | 5                     | 21.298 | 8022100 | 20.0 |
| Triphenylene, 2... | 22.045 | 2.7     | ng/ul | 1065580  | 5                     | 21.298 | 8022100 | 20.0 |
| 13-Docosenamide... | 22.669 | 4.1     | ng/ul | 1653730  | 5                     | 21.298 | 8022100 | 20.0 |