

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
 Data File : BP015610.D  
 Acq On : 19 Jun 2023 18:55  
 Operator : MA/JU  
 Sample : 03080-15  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFJ4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP015610.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         | 3.405       | 33            | 37          | 45           | rVB      | 23424          | 35401         | 0.44%           | 0.035%        |
| 2         | 3.852       | 110           | 113         | 126          | rBV      | 214396         | 353402        | 4.38%           | 0.352%        |
| 3         | 3.952       | 126           | 130         | 137          | rVV      | 62142          | 97938         | 1.22%           | 0.098%        |
| 4         | 4.075       | 146           | 151         | 157          | rVB2     | 18129          | 32331         | 0.40%           | 0.032%        |
| 5         | 5.240       | 342           | 349         | 357          | rBV4     | 9942           | 25880         | 0.32%           | 0.026%        |
| 6         | 6.299       | 521           | 529         | 534          | rBV4     | 12436          | 26312         | 0.33%           | 0.026%        |
| 7         | 7.046       | 649           | 656         | 660          | rBV6     | 12748          | 25998         | 0.32%           | 0.026%        |
| 8         | 7.246       | 680           | 690         | 702          | rBV      | 456898         | 784432        | 9.73%           | 0.781%        |
| 9         | 7.410       | 712           | 718         | 725          | rBV      | 359722         | 587037        | 7.28%           | 0.585%        |
| 10        | 7.610       | 745           | 752         | 760          | rBV      | 488762         | 813126        | 10.09%          | 0.810%        |
| 11        | 8.087       | 822           | 833         | 842          | rBV      | 564393         | 933931        | 11.59%          | 0.930%        |
| 12        | 8.628       | 918           | 925         | 932          | rBV6     | 12824          | 29761         | 0.37%           | 0.030%        |
| 13        | 8.805       | 948           | 955         | 967          | rBV      | 428029         | 745666        | 9.25%           | 0.743%        |
| 14        | 9.263       | 1026          | 1033        | 1046         | rVV      | 502400         | 868905        | 10.78%          | 0.866%        |
| 15        | 9.993       | 1149          | 1157        | 1166         | rBV      | 435000         | 763984        | 9.48%           | 0.761%        |
| 16        | 10.228      | 1189          | 1197        | 1205         | rBV10    | 8973           | 24363         | 0.30%           | 0.024%        |
| 17        | 10.540      | 1241          | 1250        | 1270         | rBV      | 554387         | 1080283       | 13.40%          | 1.076%        |
| 18        | 10.910      | 1307          | 1313        | 1319         | rVV      | 833890         | 1402462       | 17.40%          | 1.397%        |
| 19        | 10.963      | 1319          | 1322        | 1331         | rVB      | 43923          | 76895         | 0.95%           | 0.077%        |
| 20        | 11.057      | 1331          | 1338        | 1356         | rBV      | 179568         | 425375        | 5.28%           | 0.424%        |
| 21        | 11.487      | 1401          | 1411        | 1415         | rBV5     | 12703          | 36457         | 0.45%           | 0.036%        |
| 22        | 11.704      | 1443          | 1448        | 1454         | rBV6     | 12671          | 24920         | 0.31%           | 0.025%        |
| 23        | 11.910      | 1478          | 1483        | 1487         | rBV2     | 23111          | 33412         | 0.41%           | 0.033%        |
| 24        | 12.304      | 1545          | 1550        | 1558         | rVB4     | 21927          | 35426         | 0.44%           | 0.035%        |
| 25        | 12.569      | 1589          | 1595        | 1601         | rBV      | 30527          | 50760         | 0.63%           | 0.051%        |
| 26        | 12.781      | 1627          | 1631        | 1638         | rVB      | 27895          | 42762         | 0.53%           | 0.043%        |
| 27        | 13.245      | 1705          | 1710        | 1718         | rBV2     | 22315          | 37255         | 0.46%           | 0.037%        |
| 28        | 13.534      | 1755          | 1759        | 1762         | rVV2     | 27522          | 42164         | 0.52%           | 0.042%        |
| 29        | 13.598      | 1765          | 1770        | 1777         | rVB4     | 73830          | 153126        | 1.90%           | 0.153%        |
| 30        | 14.045      | 1840          | 1846        | 1852         | rBV2     | 55660          | 94316         | 1.17%           | 0.094%        |
| 31        | 14.134      | 1852          | 1861        | 1867         | rBV      | 1289970        | 1754997       | 21.77%          | 1.748%        |
| 32        | 14.187      | 1867          | 1870        | 1875         | rVB      | 43488          | 57551         | 0.71%           | 0.057%        |
| 33        | 14.251      | 1875          | 1881        | 1884         | rBV6     | 31350          | 51260         | 0.64%           | 0.051%        |
| 34        | 14.428      | 1904          | 1911        | 1926         | rVB2     | 1313546        | 2197936       | 27.27%          | 2.189%        |
| 35        | 14.604      | 1937          | 1941        | 1947         | rVB      | 35925          | 47859         | 0.59%           | 0.048%        |
| 36        | 14.675      | 1948          | 1953        | 1957         | rBV3     | 79731          | 128630        | 1.60%           | 0.128%        |

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 14.728 | 1957 | 1962 | 1968 | rVB  | 1262326 | 1821222 | 22.60% | 1.814% |
| 38 | 14.792 | 1968 | 1973 | 1979 | rVB  | 90702   | 145007  | 1.80%  | 0.144% |
| 39 | 14.951 | 1992 | 2000 | 2013 | rBV2 | 251052  | 645109  | 8.00%  | 0.643% |
| 40 | 15.128 | 2022 | 2030 | 2039 | rVV3 | 112901  | 199711  | 2.48%  | 0.199% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 15.198 | 2039 | 2042 | 2053 | rVB5 | 22694 | 48654 | 0.60% | 0.048% |
| 42 | 15.339 | 2061 | 2066 | 2072 | rBV6 | 27868 | 65160 | 0.81% | 0.065% |
| 43 | 15.398 | 2073 | 2076 | 2081 | rVB2 | 22787 | 33253 | 0.41% | 0.033% |
| 44 | 15.510 | 2090 | 2095 | 2098 | rBV4 | 34005 | 57877 | 0.72% | 0.058% |
| 45 | 15.551 | 2098 | 2102 | 2107 | rVB2 | 55842 | 74403 | 0.92% | 0.074% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 46 | 15.722 | 2125 | 2131 | 2137 | rBV  | 1802252 | 2474535 | 30.70% | 2.465% |
| 47 | 15.775 | 2137 | 2140 | 2148 | rVB2 | 76951   | 124627  | 1.55%  | 0.124% |
| 48 | 15.857 | 2149 | 2154 | 2159 | rBV  | 334471  | 487307  | 6.05%  | 0.485% |
| 49 | 16.087 | 2187 | 2193 | 2204 | rVB2 | 376884  | 557514  | 6.92%  | 0.555% |
| 50 | 16.216 | 2212 | 2215 | 2223 | rVB  | 41129   | 71647   | 0.89%  | 0.071% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 51 | 16.439 | 2245 | 2253 | 2260 | rBV5 | 125580 | 331268 | 4.11% | 0.330% |
| 52 | 16.581 | 2273 | 2277 | 2282 | rBV7 | 31541  | 51089  | 0.63% | 0.051% |
| 53 | 16.863 | 2321 | 2325 | 2332 | rVB  | 178486 | 234448 | 2.91% | 0.234% |
| 54 | 17.010 | 2347 | 2350 | 2354 | rBV2 | 43998  | 67810  | 0.84% | 0.068% |
| 55 | 17.139 | 2368 | 2372 | 2379 | rBV  | 128252 | 192468 | 2.39% | 0.192% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 17.216 | 2380 | 2385 | 2391 | rBV2 | 107829  | 193762  | 2.40%  | 0.193% |
| 57 | 17.304 | 2397 | 2400 | 2405 | rVB  | 71865   | 97457   | 1.21%  | 0.097% |
| 58 | 17.357 | 2406 | 2409 | 2417 | rBV2 | 118494  | 184405  | 2.29%  | 0.184% |
| 59 | 17.428 | 2418 | 2421 | 2425 | rVV  | 67697   | 77794   | 0.97%  | 0.077% |
| 60 | 17.486 | 2425 | 2431 | 2435 | rVV  | 1614225 | 2330586 | 28.91% | 2.321% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 61 | 17.528 | 2435 | 2438 | 2443 | rVV  | 1646496 | 2256705 | 28.00% | 2.248% |
| 62 | 17.586 | 2443 | 2448 | 2452 | rVV2 | 1880757 | 2695334 | 33.44% | 2.685% |
| 63 | 17.622 | 2452 | 2454 | 2461 | rVV  | 336730  | 503413  | 6.25%  | 0.501% |
| 64 | 17.686 | 2462 | 2465 | 2473 | rVB2 | 80180   | 133459  | 1.66%  | 0.133% |
| 65 | 17.892 | 2496 | 2500 | 2506 | rVB  | 194781  | 292799  | 3.63%  | 0.292% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 66 | 17.951 | 2507 | 2510 | 2513 | rVB2 | 93340   | 104761  | 1.30%  | 0.104% |
| 67 | 18.069 | 2526 | 2530 | 2531 | rBV3 | 45275   | 63588   | 0.79%  | 0.063% |
| 68 | 18.233 | 2555 | 2558 | 2563 | rBV  | 148733  | 180744  | 2.24%  | 0.180% |
| 69 | 18.298 | 2563 | 2569 | 2573 | rBV  | 2219293 | 3122708 | 38.74% | 3.110% |
| 70 | 18.357 | 2573 | 2579 | 2583 | rBV2 | 4815989 | 6511761 | 80.79% | 6.486% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 71 | 18.469 | 2595 | 2598 | 2602 | rBV  | 99334  | 114158 | 1.42% | 0.114% |
| 72 | 18.533 | 2604 | 2609 | 2613 | rBV2 | 316226 | 594523 | 7.38% | 0.592% |
| 73 | 18.628 | 2620 | 2625 | 2630 | rBV4 | 194220 | 422681 | 5.24% | 0.421% |
| 74 | 18.822 | 2655 | 2658 | 2662 | rVB  | 259397 | 336519 | 4.18% | 0.335% |
| 75 | 18.875 | 2663 | 2667 | 2672 | rVV  | 384097 | 510316 | 6.33% | 0.508% |

|    |        |      |      |      |     |        |        |       |        |
|----|--------|------|------|------|-----|--------|--------|-------|--------|
| 76 | 19.222 | 2723 | 2726 | 2731 | rBV | 331189 | 458716 | 5.69% | 0.457% |
|----|--------|------|------|------|-----|--------|--------|-------|--------|

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Integrator: RTE

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 19.375 | 2748 | 2752 | 2757 | rVB2 | 243960  | 371752  | 4.61%   | 0.370% |
| 78  | 19.433 | 2758 | 2762 | 2764 | rBV  | 523720  | 715021  | 8.87%   | 0.712% |
| 79  | 19.486 | 2764 | 2771 | 2777 | rVB  | 5189410 | 8060242 | 100.00% | 8.029% |
| 80  | 19.575 | 2782 | 2786 | 2790 | rBV  | 2093785 | 2582157 | 32.04%  | 2.572% |
| 81  | 19.810 | 2821 | 2826 | 2828 | rBV2 | 2445030 | 3335909 | 41.39%  | 3.323% |
| 82  | 19.839 | 2828 | 2831 | 2838 | rVB  | 3596591 | 4454069 | 55.26%  | 4.437% |
| 83  | 19.904 | 2839 | 2842 | 2846 | rBV  | 219680  | 345278  | 4.28%   | 0.344% |
| 84  | 20.610 | 2959 | 2962 | 2967 | rBV3 | 382391  | 635657  | 7.89%   | 0.633% |
| 85  | 20.692 | 2972 | 2976 | 2979 | rVB  | 602016  | 729317  | 9.05%   | 0.726% |
| 86  | 21.051 | 3033 | 3037 | 3040 | rBV  | 574233  | 735479  | 9.12%   | 0.733% |
| 87  | 21.210 | 3061 | 3064 | 3066 | rBV2 | 368485  | 429752  | 5.33%   | 0.428% |
| 88  | 21.245 | 3066 | 3070 | 3074 | rVB2 | 1229947 | 1650774 | 20.48%  | 1.644% |
| 89  | 21.339 | 3084 | 3086 | 3095 | rVB  | 486503  | 668598  | 8.30%   | 0.666% |
| 90  | 21.445 | 3100 | 3104 | 3109 | rVB  | 2251320 | 2577395 | 31.98%  | 2.567% |
| 91  | 21.557 | 3118 | 3123 | 3129 | rBV3 | 2431513 | 5339077 | 66.24%  | 5.318% |
| 92  | 21.610 | 3129 | 3132 | 3140 | rVB  | 1993203 | 2591416 | 32.15%  | 2.581% |
| 93  | 22.169 | 3224 | 3227 | 3230 | rVB2 | 573658  | 682737  | 8.47%   | 0.680% |
| 94  | 23.280 | 3412 | 3416 | 3421 | rBV  | 1607729 | 2537054 | 31.48%  | 2.527% |
| 95  | 23.345 | 3421 | 3427 | 3440 | rVB  | 2055613 | 6826123 | 84.69%  | 6.799% |
| 96  | 23.898 | 3516 | 3521 | 3525 | rBV  | 934858  | 1777029 | 22.05%  | 1.770% |
| 97  | 23.957 | 3526 | 3531 | 3535 | rVV2 | 1120353 | 2188313 | 27.15%  | 2.180% |
| 98  | 24.010 | 3536 | 3540 | 3547 | rVB  | 1491933 | 2760268 | 34.25%  | 2.749% |
| 99  | 24.121 | 3554 | 3559 | 3564 | rBV  | 722636  | 1370152 | 17.00%  | 1.365% |
| 100 | 24.733 | 3658 | 3663 | 3675 | rVB  | 1845548 | 4238148 | 52.58%  | 4.222% |

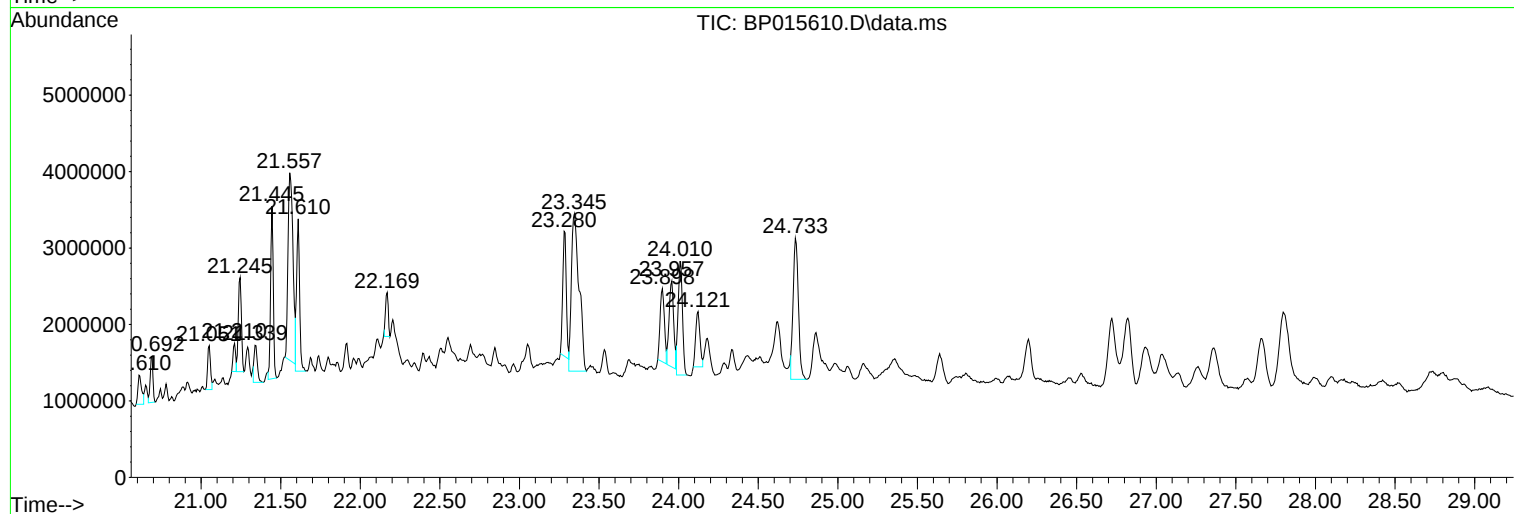
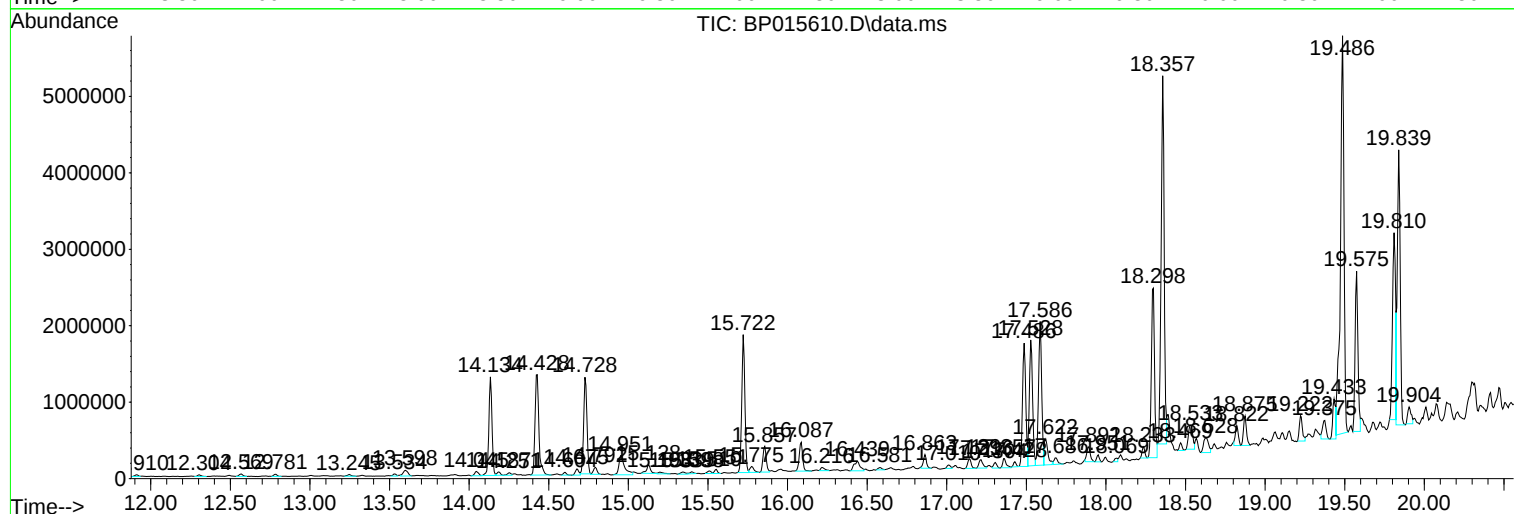
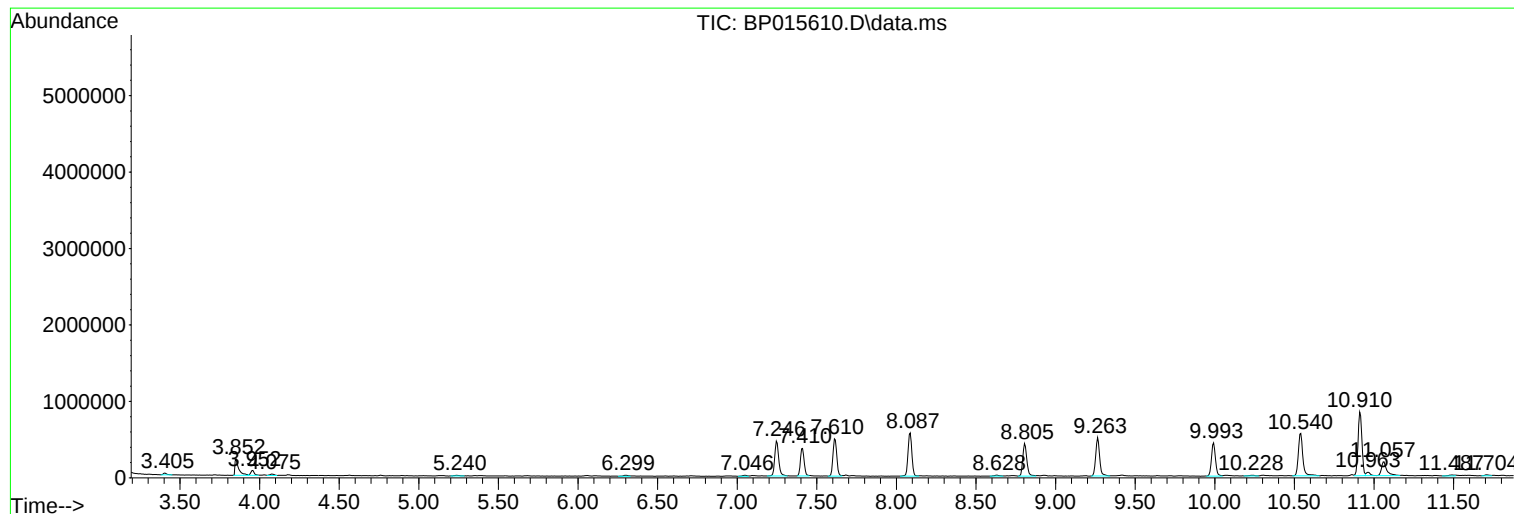
Sum of corrected areas: 100393328

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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



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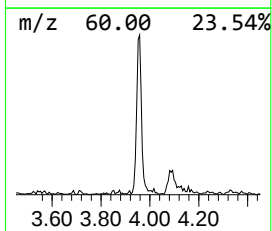
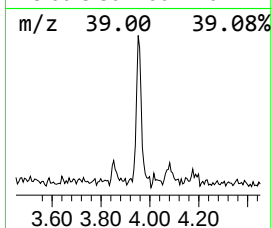
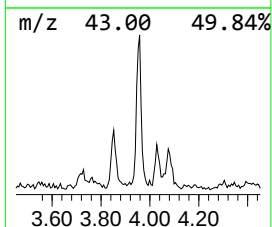
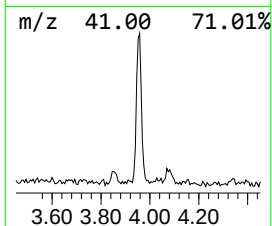
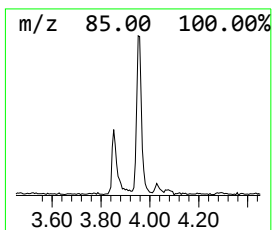
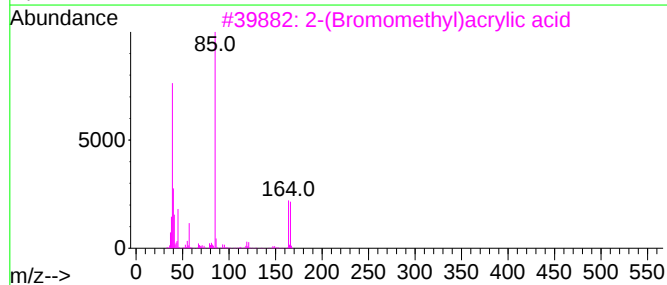
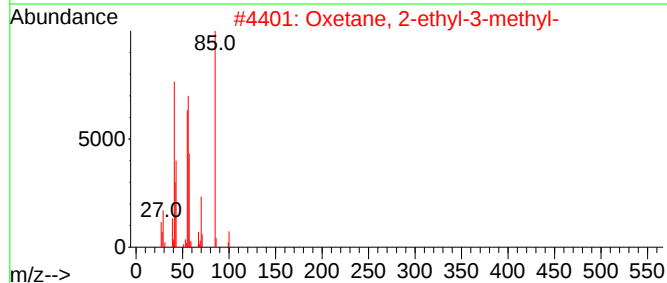
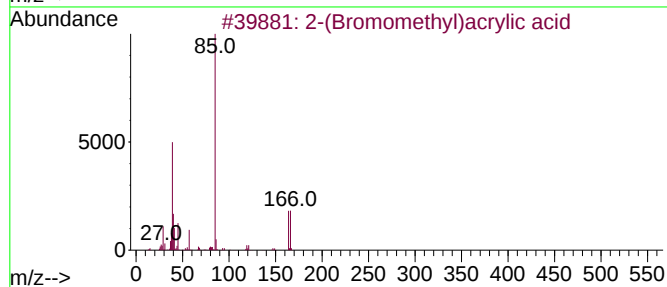
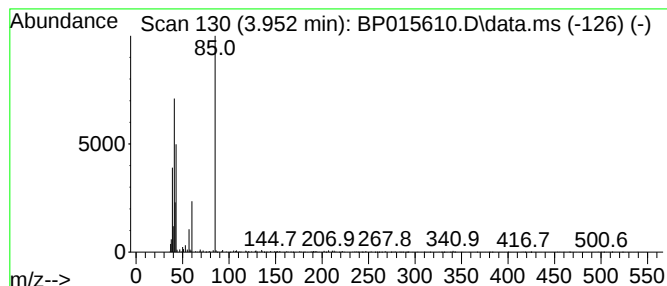
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 25

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.952 | 2.10 ng/ul | 97938 | 1,4-Dichlorobenzene-d4 | 8.087 |

| Hit# | of                             | 5 | Tentative ID | MW  | MolForm        | CAS#        | Qual |
|------|--------------------------------|---|--------------|-----|----------------|-------------|------|
| 1    | 2-(Bromomethyl)acrylic acid    |   |              | 164 | C4H5BrO2       | 072707-66-5 | 36   |
| 2    | Oxetane, 2-ethyl-3-methyl-     |   |              | 100 | C6H12O         | 053778-62-4 | 9    |
| 3    | 2-(Bromomethyl)acrylic acid    |   |              | 164 | C4H5BrO2       | 072707-66-5 | 9    |
| 4    | 2H-Pyran, tetrahydro-2-methyl- |   |              | 100 | C6H12O         | 010141-72-7 | 9    |
| 5    | Mefruside                      |   |              | 382 | C13H19ClN2O5S2 | 007195-27-9 | 9    |



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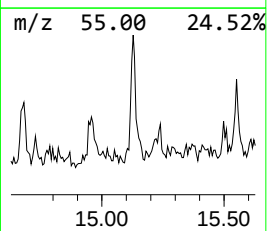
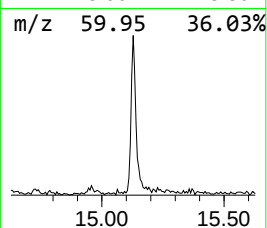
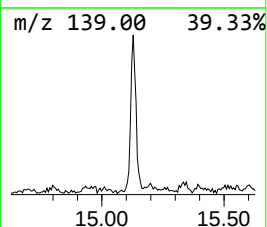
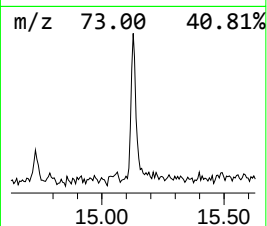
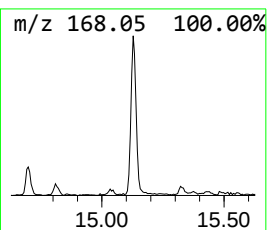
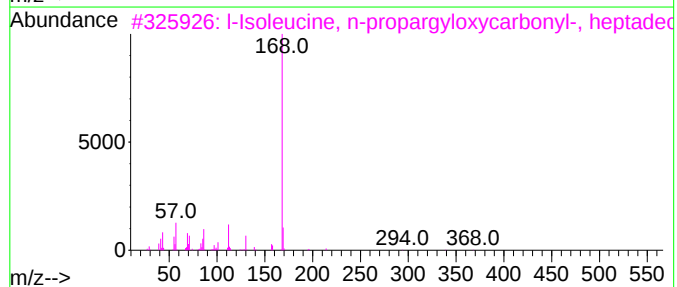
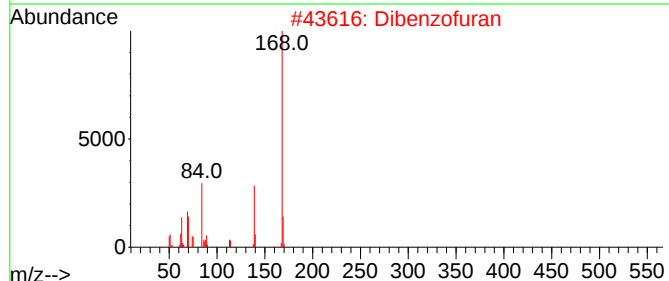
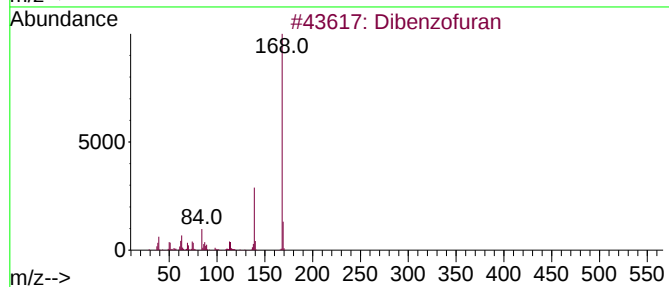
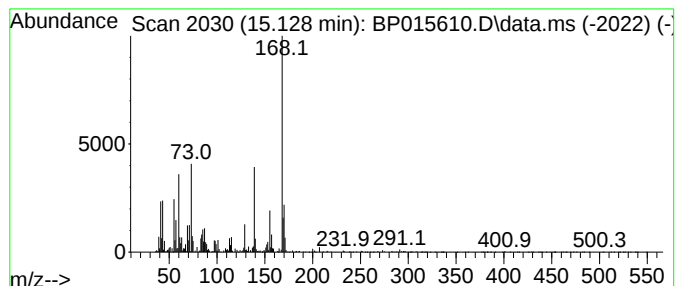
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 unknown-02 Concentration Rank 24

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.128 | 2.19 ng/ul | 199711 | Acenaphthene-d10 | 14.728 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dibenzofuran                        | 168 | C12H8O    | 000132-64-9  | 46   |
| 2    |    |   | Dibenzofuran                        | 168 | C12H8O    | 000132-64-9  | 46   |
| 3    |    |   | l-Isoleucine, n-propargyloxycarb... | 451 | C27H49NO4 | 1000328-14-6 | 35   |
| 4    |    |   | Benzonitrile, 4-(pyrrol-1-yl)-      | 168 | C11H8N2   | 023351-07-7  | 35   |
| 5    |    |   | 1(2H)-Acenaphthylenone              | 168 | C12H8O    | 002235-15-6  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

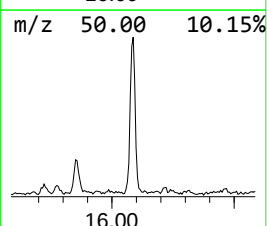
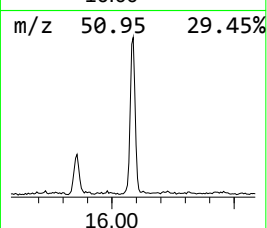
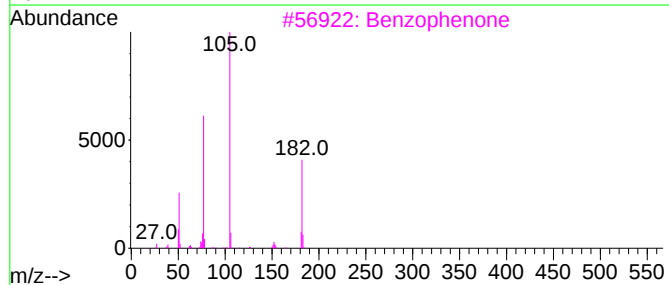
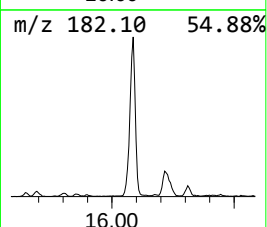
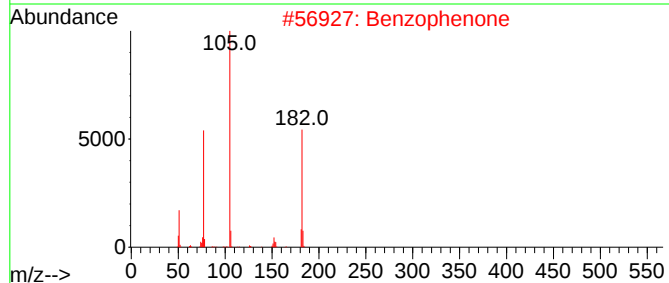
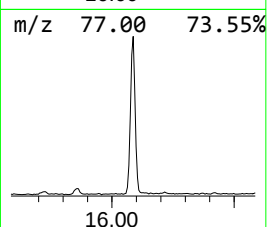
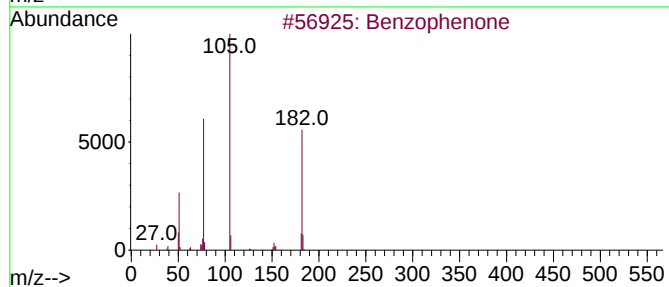
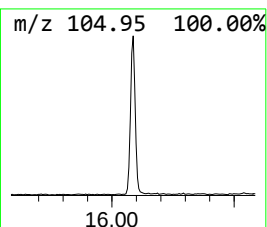
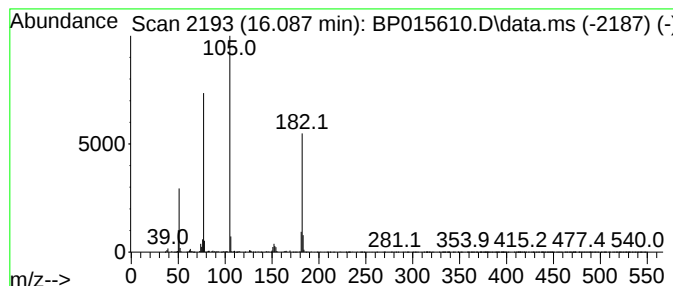
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Benzophenone Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.087 | 6.12 ng/ul | 557514 | Acenaphthene-d10 | 14.728 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

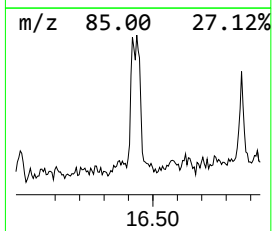
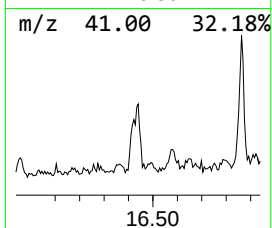
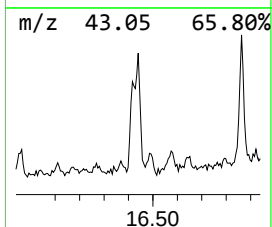
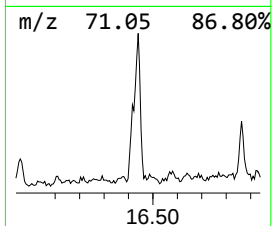
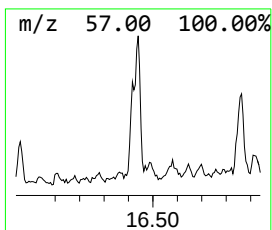
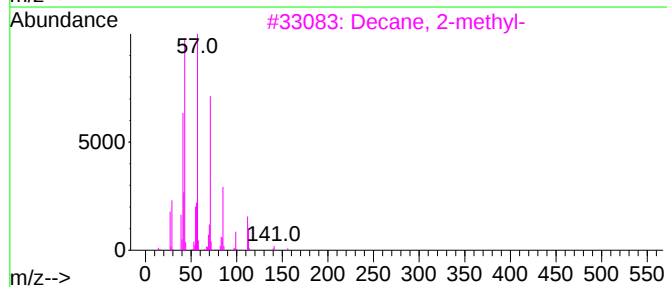
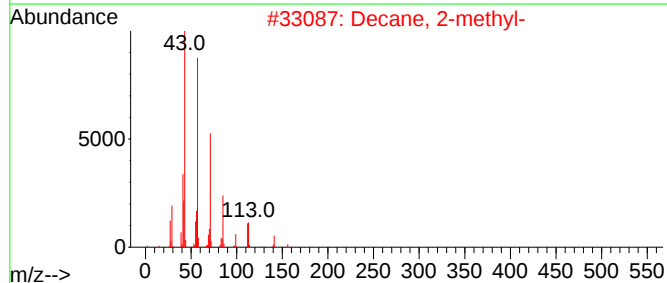
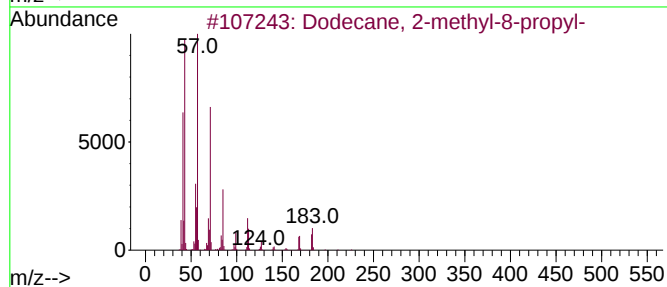
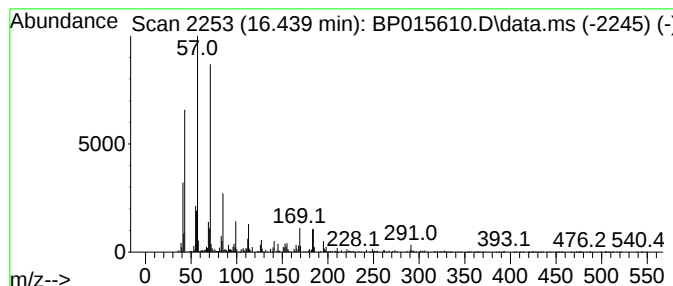
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.439 | 2.84 ng/ul | 331268 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2-methyl-8-propyl-        | 226 | C16H34  | 055045-07-3 | 94   |
| 2    |    |   | Decane, 2-methyl-                   | 156 | C11H24  | 006975-98-0 | 81   |
| 3    |    |   | Decane, 2-methyl-                   | 156 | C11H24  | 006975-98-0 | 81   |
| 4    |    |   | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 80   |
| 5    |    |   | Heptadecane, 2-methyl-              | 254 | C18H38  | 001560-89-0 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

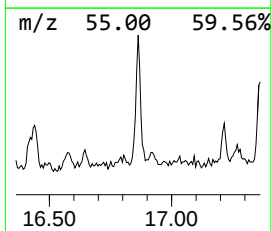
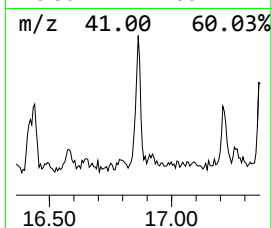
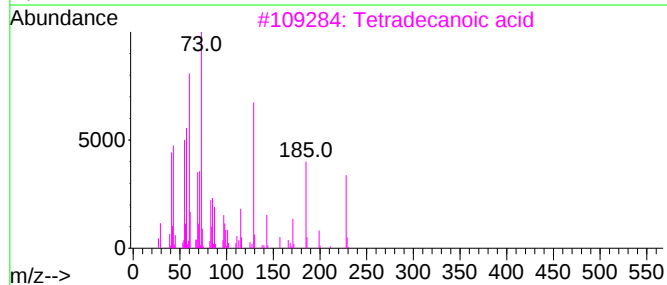
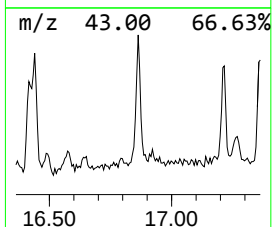
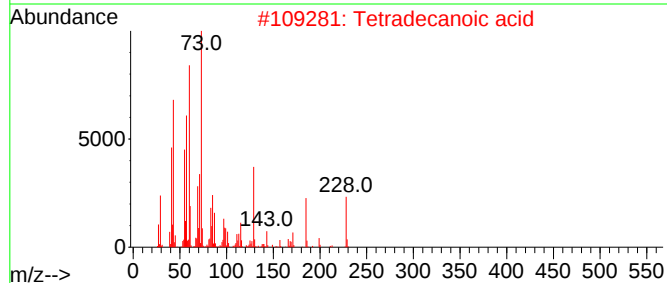
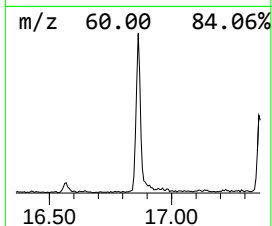
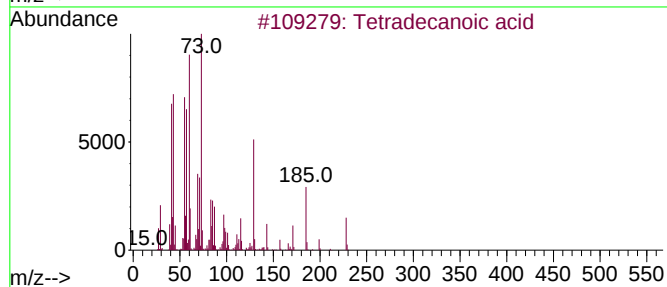
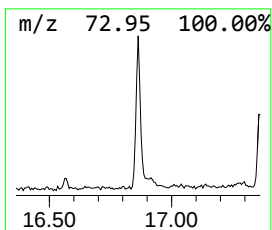
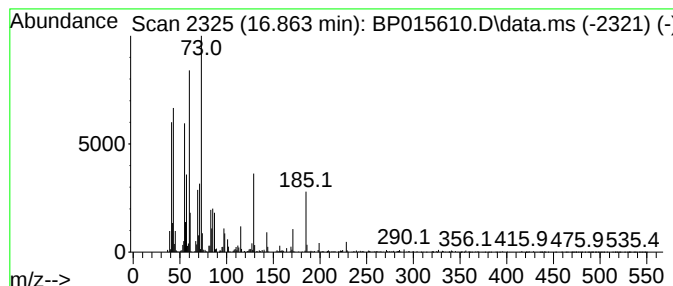
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Tetradecanoic acid Concentration Rank 26

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.863 | 2.01 ng/ul | 234448 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 98   |
| 2    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91   |
| 3    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90   |
| 4    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 80   |
| 5    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

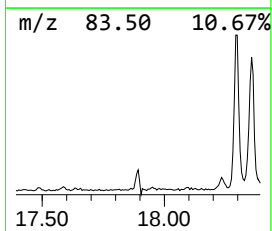
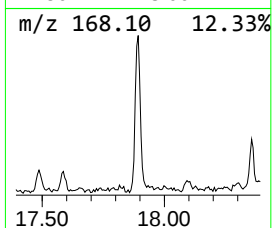
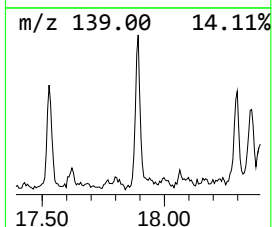
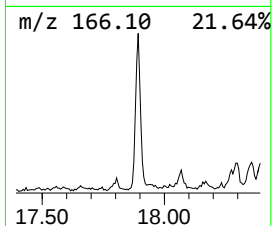
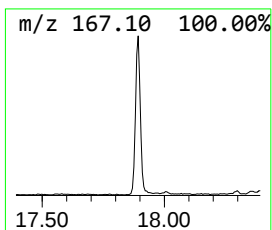
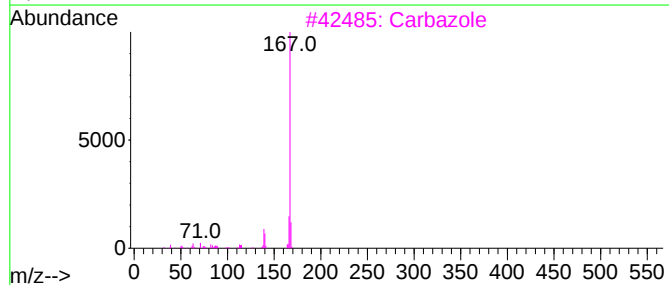
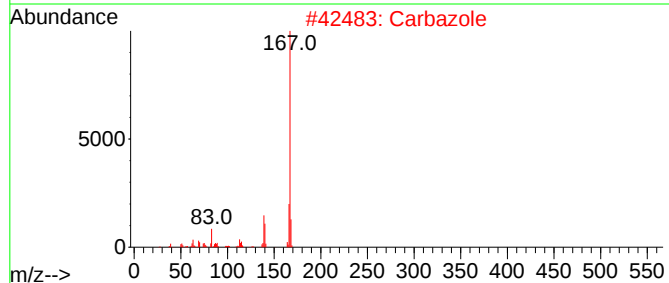
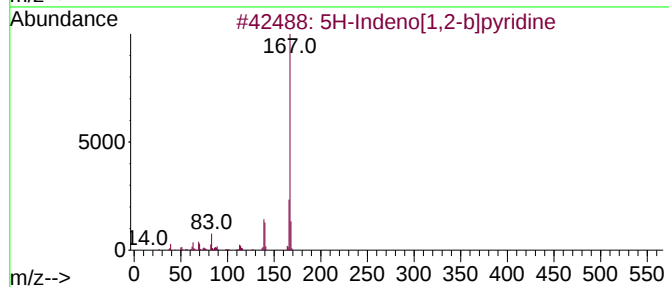
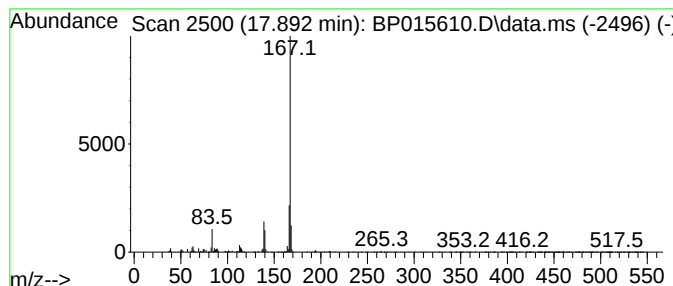
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 21

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.892 | 2.51 ng/ul | 292799 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#         | Qual |
|------|----|---|---------------------------------|-----|----------|--------------|------|
| 1    |    |   | 5H-Indeno[1,2-b]pyridine        | 167 | C12H9N   | 000244-99-5  | 95   |
| 2    |    |   | Carbazole                       | 167 | C12H9N   | 000086-74-8  | 91   |
| 3    |    |   | Carbazole                       | 167 | C12H9N   | 000086-74-8  | 87   |
| 4    |    |   | Carbazole                       | 167 | C12H9N   | 000086-74-8  | 80   |
| 5    |    |   | ethanone, 1-(9H-carbazol-9-yl)- | 209 | C14H11NO | 1000400-59-5 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

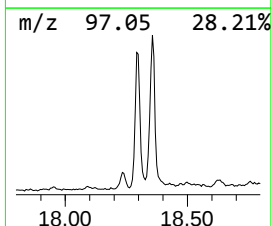
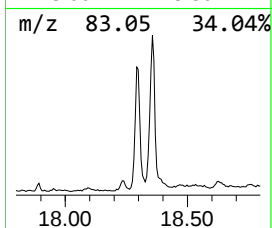
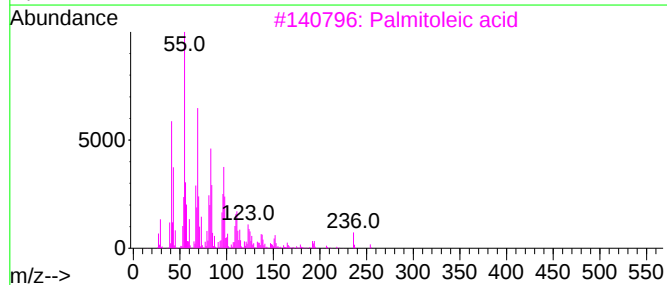
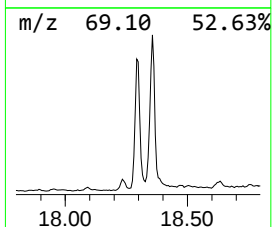
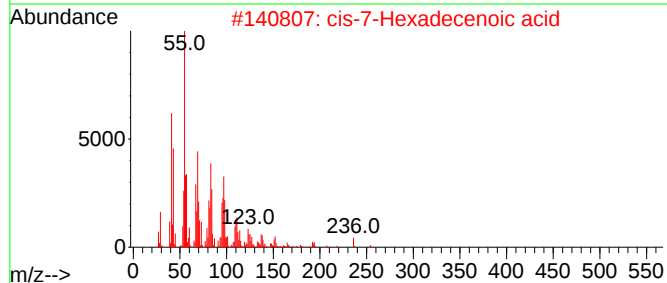
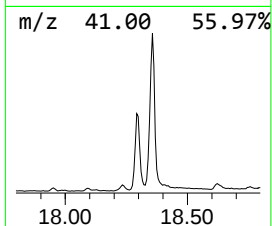
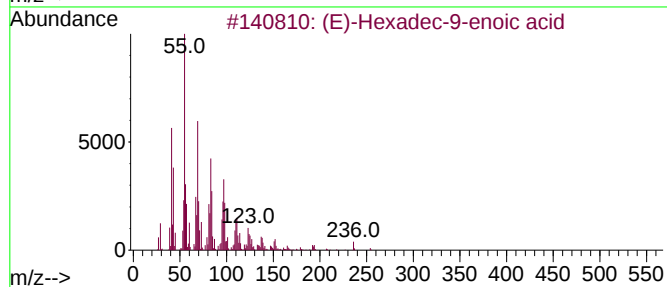
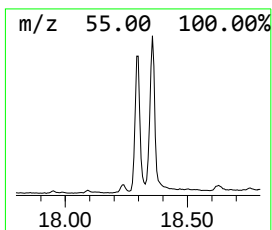
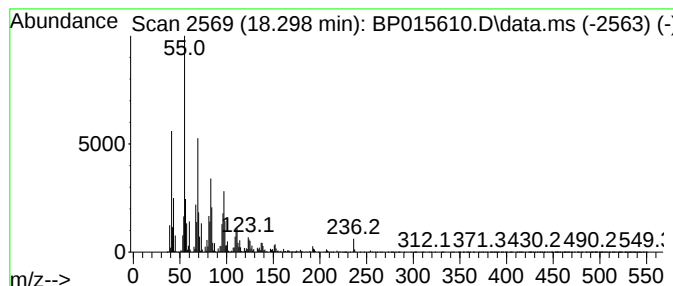
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BNA\_P  
ClientSampleId :  
DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (E)-Hexadec-9-enoic acid Concentration Rank 4

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 18.298    | 26.80 ng/ul                         | 3122710 | Phenanthrene-d10 | 17.486       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | (E)-Hexadec-9-enoic acid            | 254     | C16H30O2         | 010030-73-6  | 99   |
| 2         | cis-7-Hexadecenoic acid             | 254     | C16H30O2         | 002416-19-5  | 97   |
| 3         | Palmitoleic acid                    | 254     | C16H30O2         | 000373-49-9  | 94   |
| 4         | Oxacycloheptadecan-2-one            | 254     | C16H30O2         | 000109-29-5  | 91   |
| 5         | 13-Borabicyclo[7.3.0]tridecane, ... | 236     | C15H29BO         | 1000156-41-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

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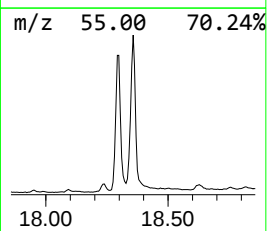
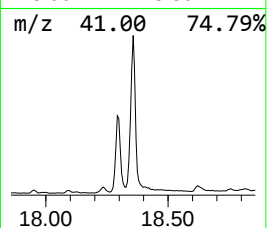
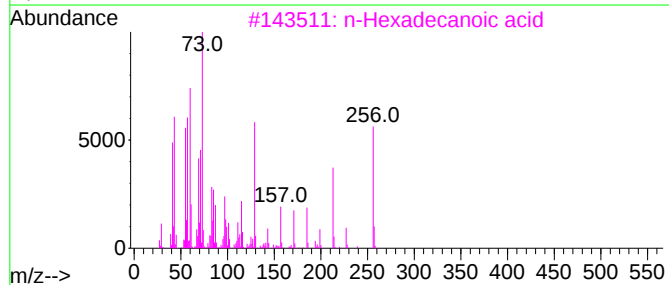
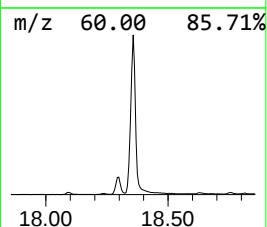
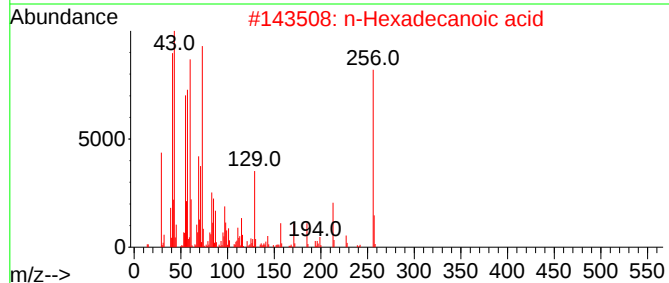
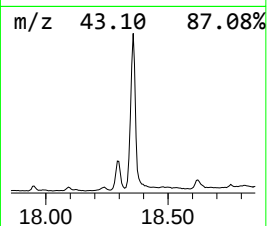
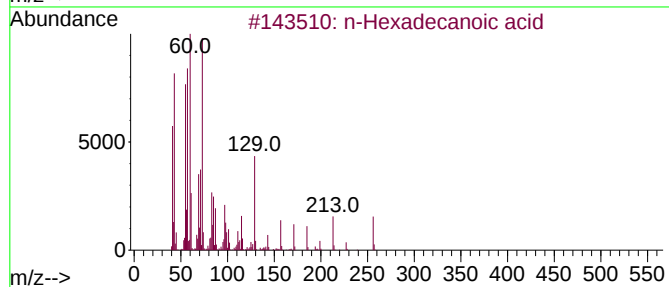
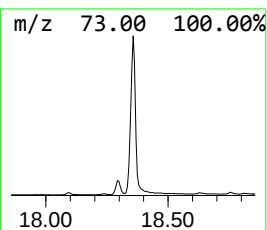
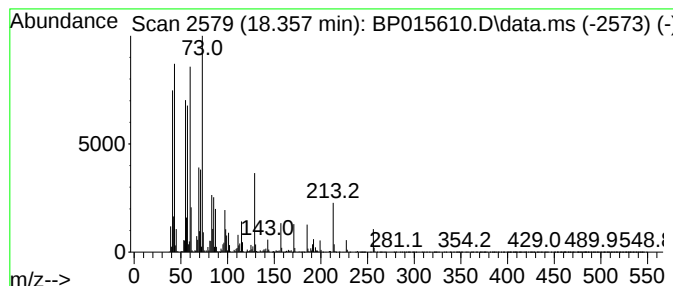
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.357 | 55.88 ng/ul | 6511760 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

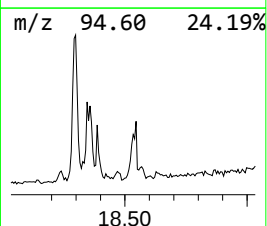
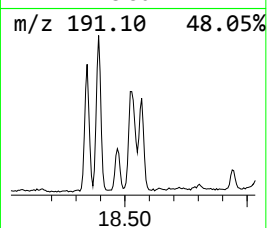
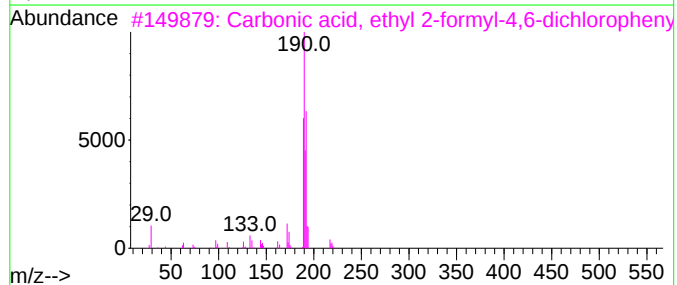
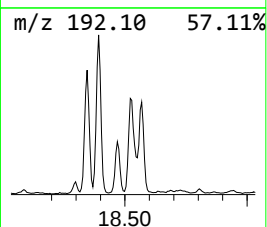
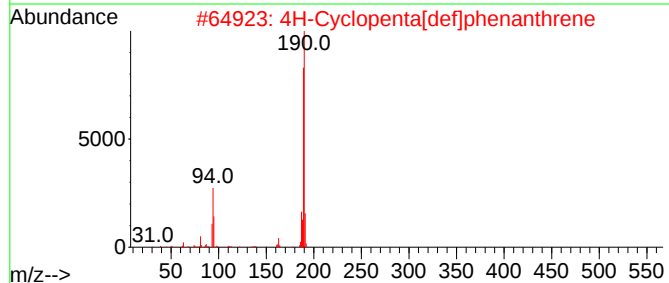
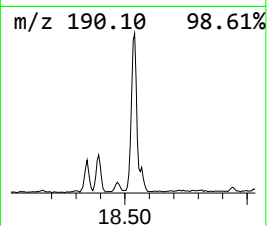
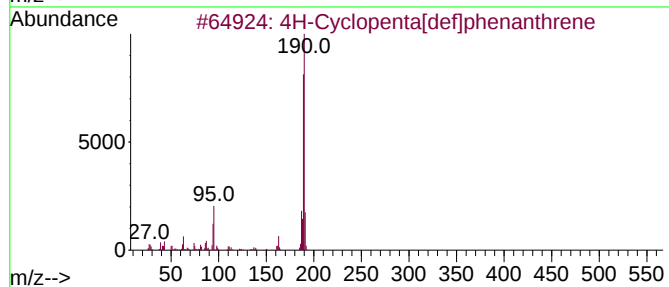
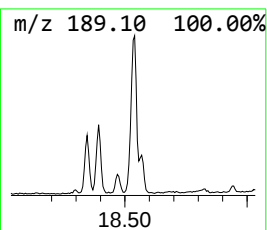
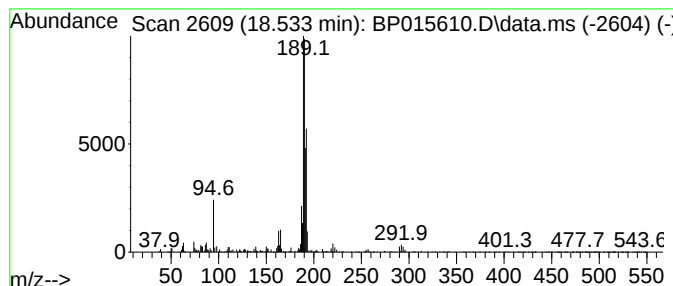
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.533 | 5.10 ng/ul | 594523 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5  | 60   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5  | 52   |
| 3    |    |   | Carbonic acid, ethyl 2-formyl-4,... | 262 | C10H8Cl2O4 | 1000331-34-4 | 50   |
| 4    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10     | 000203-64-5  | 47   |
| 5    |    |   | 5H-Dibenzo[a,d]cycloheptene         | 192 | C15H12     | 000256-81-5  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

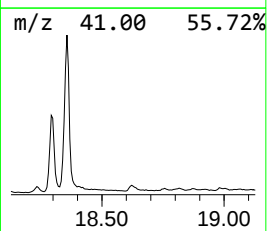
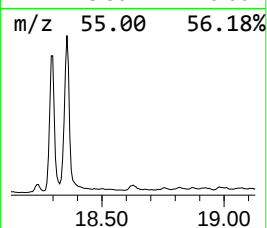
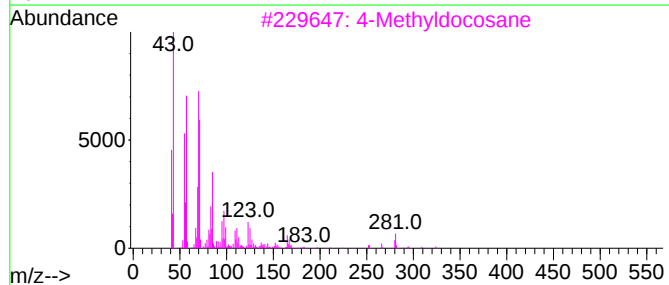
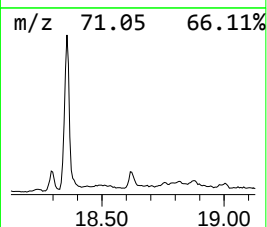
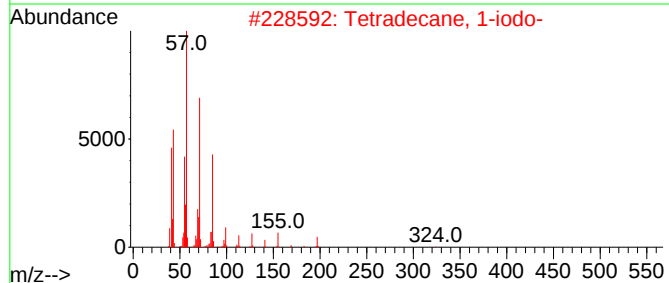
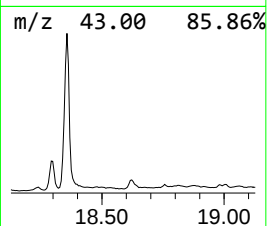
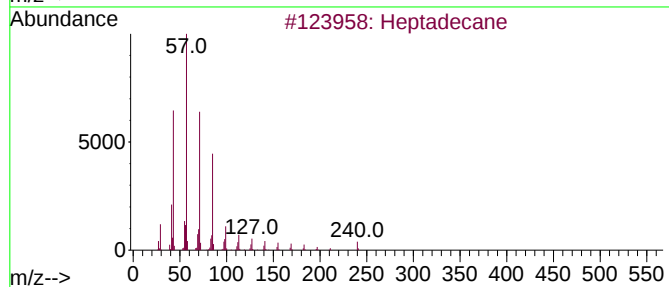
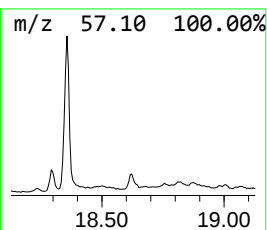
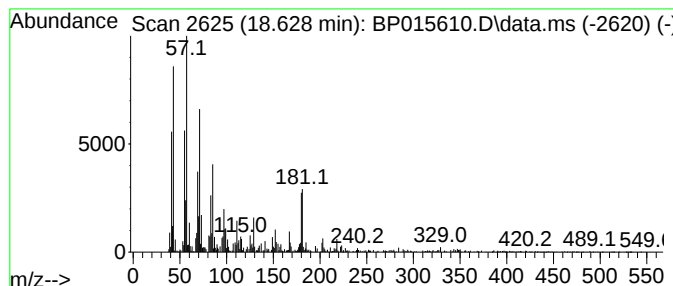
Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 18.628    | 3.63 ng/ul                          | 422681 | Phenanthrene-d10 | 17.486       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Heptadecane                         | 240    | C17H36           | 000629-78-7  | 86   |
| 2         | Tetradecane, 1-iodo-                | 324    | C14H29I          | 019218-94-1  | 62   |
| 3         | 4-Methyldocosane                    | 324    | C23H48           | 025117-30-0  | 60   |
| 4         | Carbonic acid, octadecyl vinyl e... | 340    | C21H40O3         | 1000382-54-4 | 60   |
| 5         | Heptacosane, 1-chloro-              | 414    | C27H55Cl         | 062016-79-9  | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

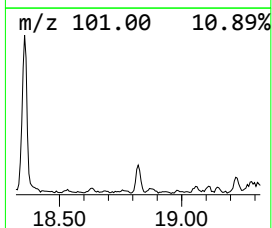
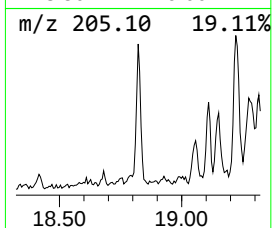
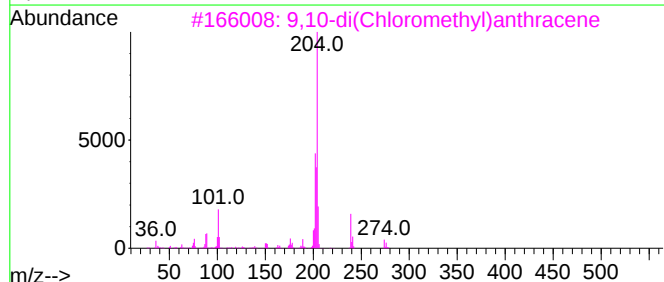
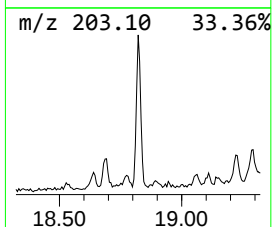
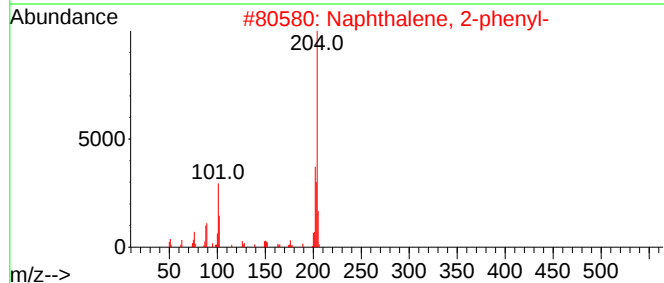
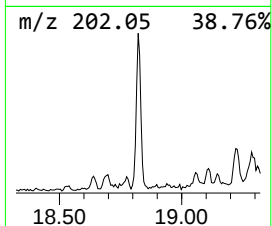
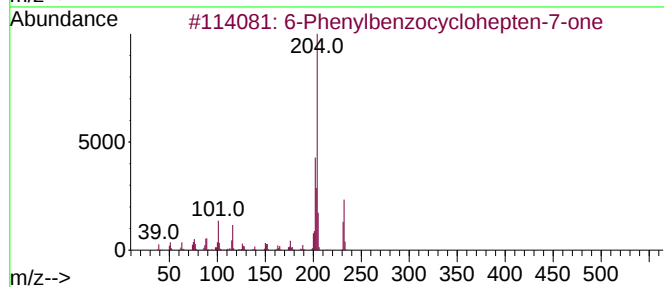
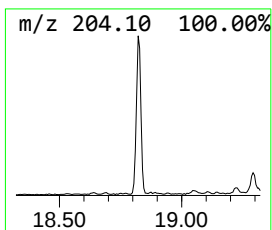
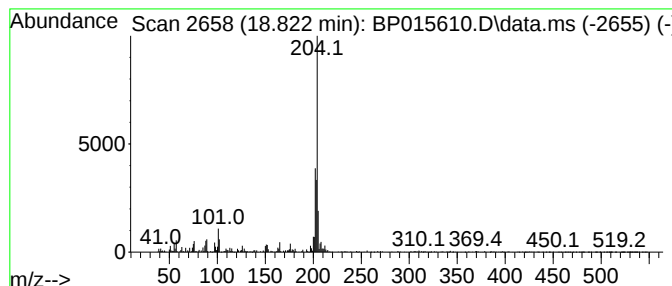
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 6-Phenylbenzocyclohepten-7-one Concentration Rank 16

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.822 | 2.89 ng/ul | 336519 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm   | CAS#        | Qual |
|------|----|---|---------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 6-Phenylbenzocyclohepten-7-one        | 232 | C17H12O   | 093327-56-1 | 86   |
| 2    |    |   | Naphthalene, 2-phenyl-                | 204 | C16H12    | 000612-94-2 | 86   |
| 3    |    |   | 9,10-di(Chloromethyl)anthracene       | 274 | C16H12Cl2 | 010387-13-0 | 80   |
| 4    |    |   | 9,10-Bis(bromomethyl)anthracene       | 362 | C16H12Br2 | 034373-96-1 | 78   |
| 5    |    |   | 5,16[1',2'] : 8,13[1'',2'']-Dibenz... | 408 | C32H24    | 005672-97-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

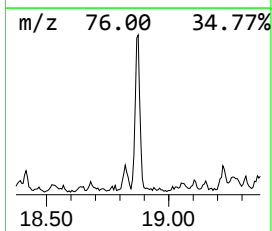
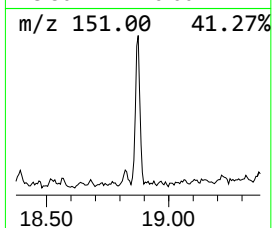
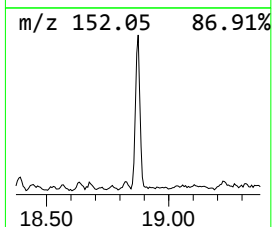
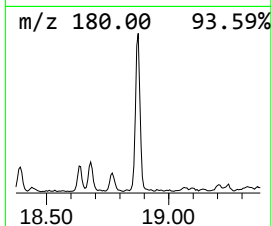
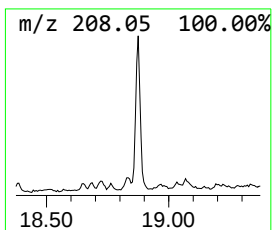
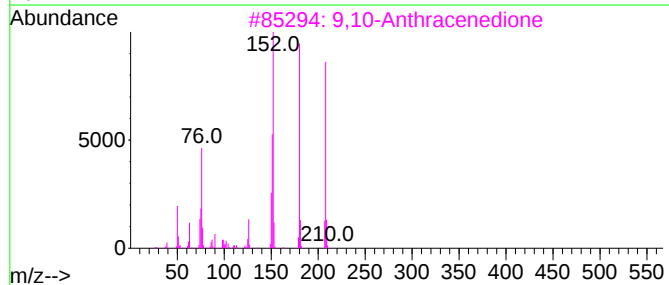
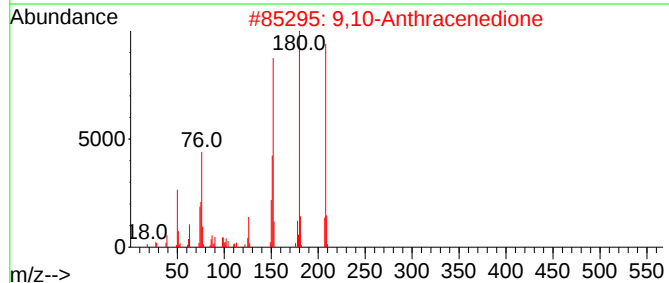
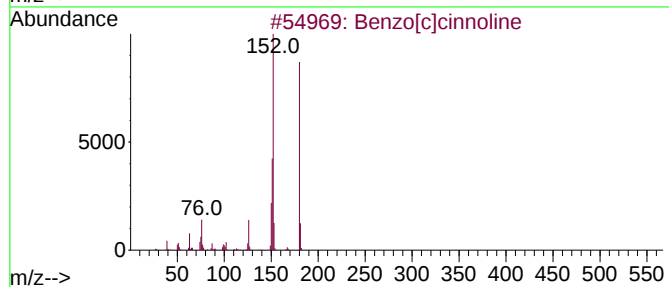
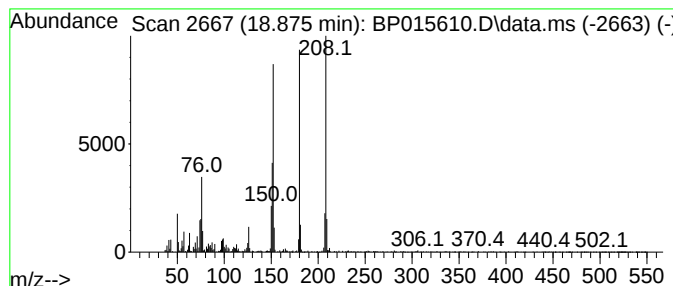
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 Benzo[c]cinoline Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.875 | 4.38 ng/ul | 510316 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[c]cinoline     | 180 | C12H8N2 | 000230-17-1 | 96   |
| 2    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 91   |
| 3    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 91   |
| 4    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 90   |
| 5    |    |   | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

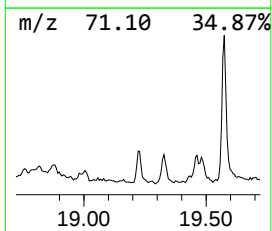
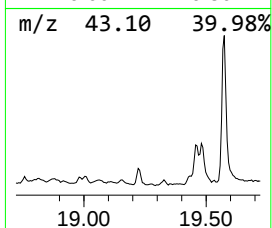
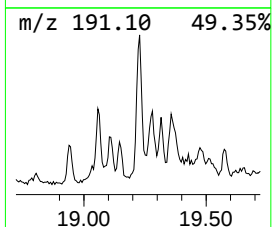
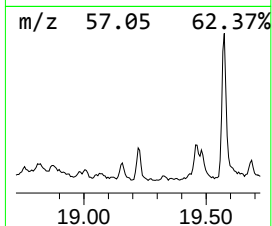
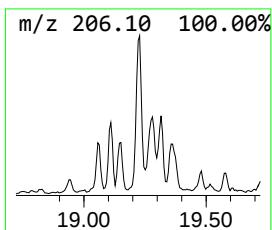
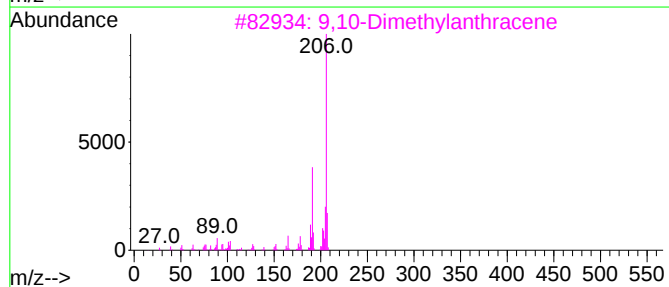
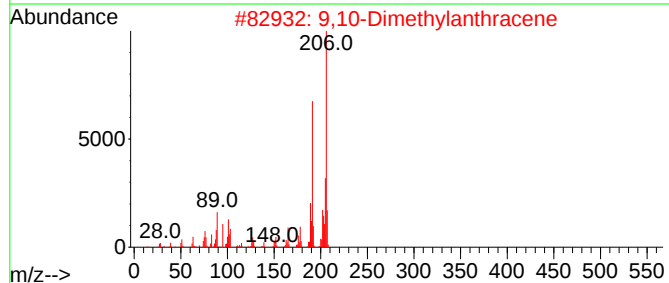
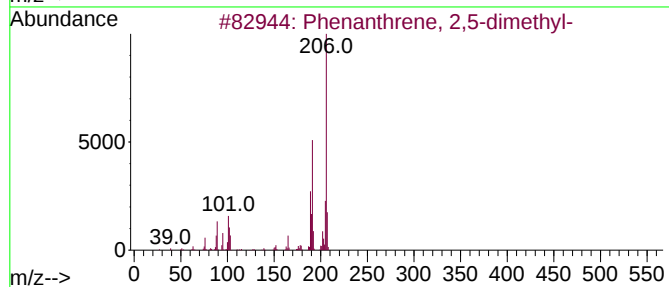
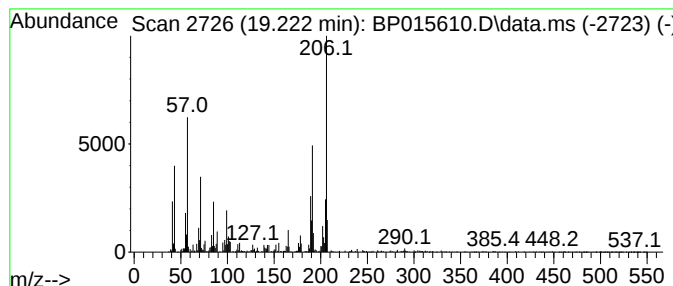
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.222 | 3.94 ng/ul | 458716 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------------|-----|---------|--------------|------|
| 1    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6  | 95   |
| 2    |    |   | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1  | 89   |
| 3    |    |   | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1  | 83   |
| 4    |    |   | 3,4-Dimethylphenanthrene    | 206 | C16H14  | 1000452-24-5 | 78   |
| 5    |    |   | Phenanthrene, 2,3-dimethyl- | 206 | C16H14  | 003674-65-5  | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

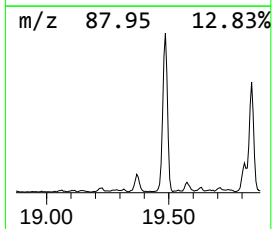
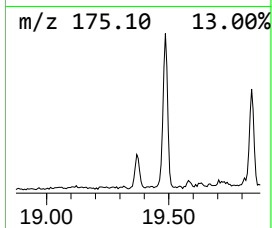
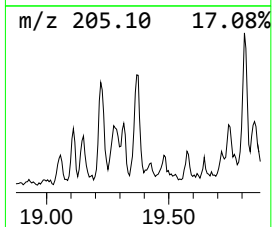
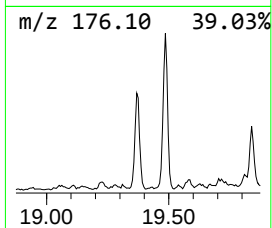
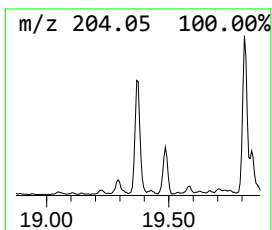
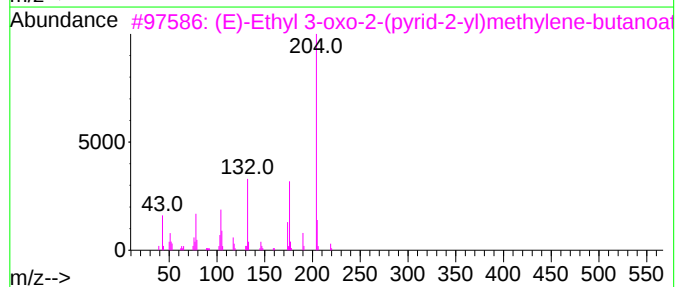
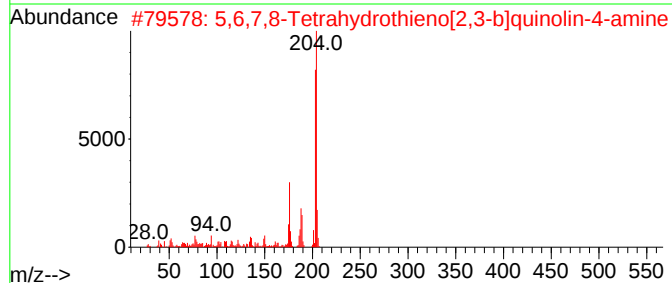
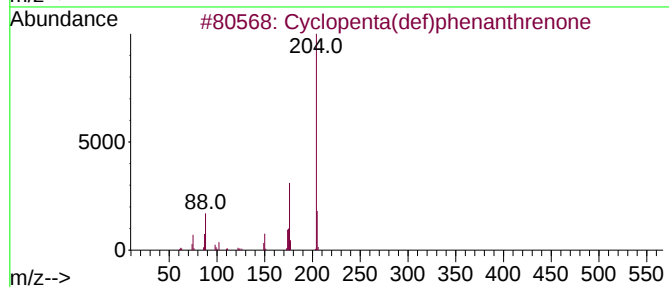
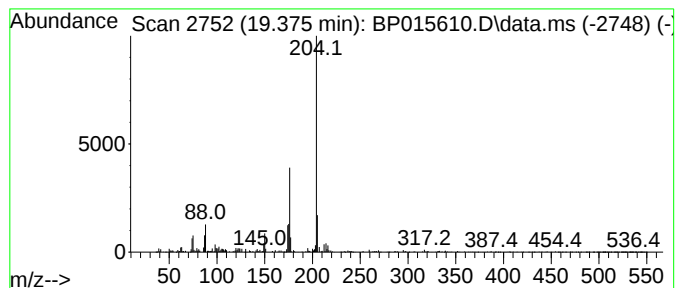
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 15

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.375 | 3.19 ng/ul | 371752 | Phenanthrene-d10 | 17.486 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | Cyclopenta(def)phenanthrenone       | 204 | C15H8O       | 005737-13-3  | 93   |
| 2    |    |   | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204 | C11H12N2S    | 122914-50-5  | 72   |
| 3    |    |   | (E)-Ethyl 3-oxo-2-(pyrid-2-yl)me... | 219 | C12H13NO3    | 1000147-59-7 | 50   |
| 4    |    |   | 4-Phosphacyclopentene, 4-mesityl-   | 204 | C13H17P      | 214605-01-3  | 38   |
| 5    |    |   | N-(4-Chloro-phenyl)-2-(3,4-dihyd... | 330 | C17H15ClN2OS | 1010296-34-3 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

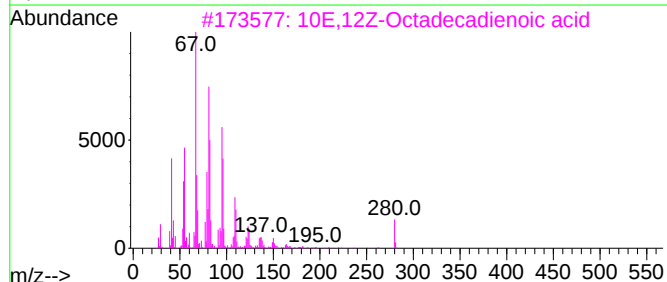
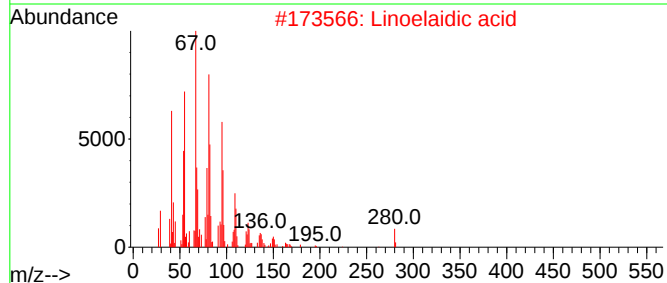
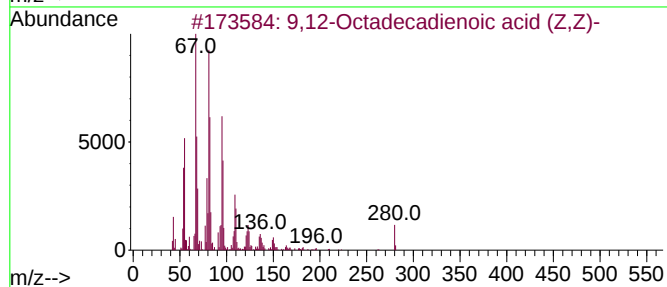
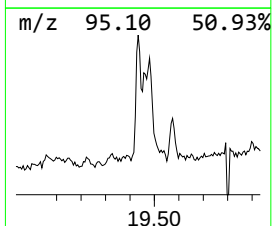
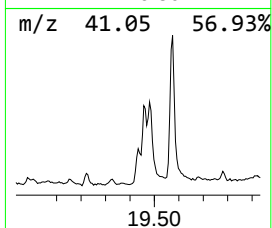
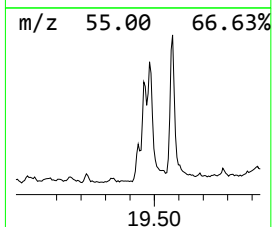
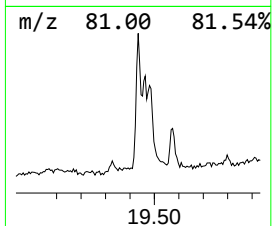
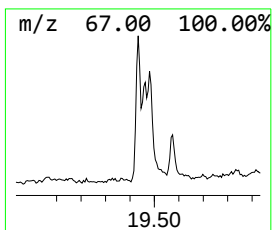
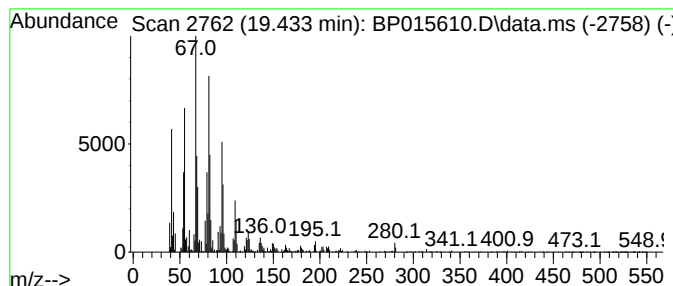
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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 9

| R.T.      | EstConc                          | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|--------|------------------|-------------|------|
| 19.433    | 6.14 ng/ul                       | 715021 | Phenanthrene-d10 | 17.486      |      |
| Hit# of 5 | Tentative ID                     | MW     | MolForm          | CAS#        | Qual |
| 1         | 9,12-Octadecadienoic acid (Z,Z)- | 280    | C18H32O2         | 000060-33-3 | 99   |
| 2         | Linoelaidic acid                 | 280    | C18H32O2         | 000506-21-8 | 98   |
| 3         | 10E,12Z-Octadecadienoic acid     | 280    | C18H32O2         | 002420-56-6 | 98   |
| 4         | (9E,11E)-Octadecadienoic acid    | 280    | C18H32O2         | 000544-71-8 | 98   |
| 5         | Linoleyl methyl ketone           | 278    | C19H34O          | 029204-24-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

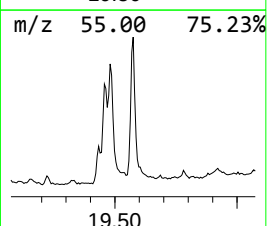
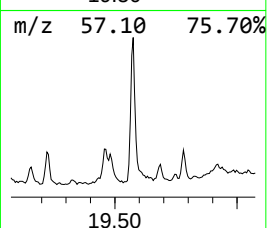
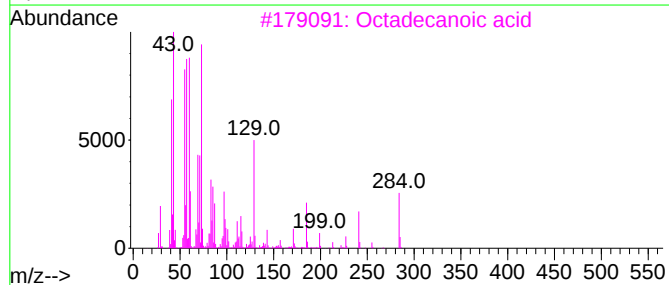
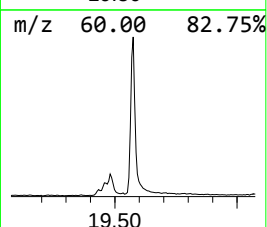
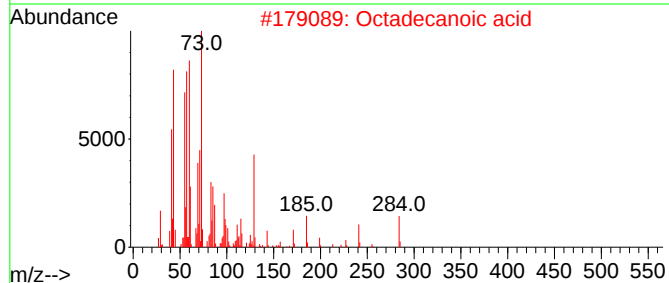
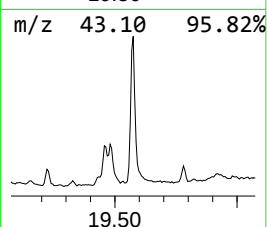
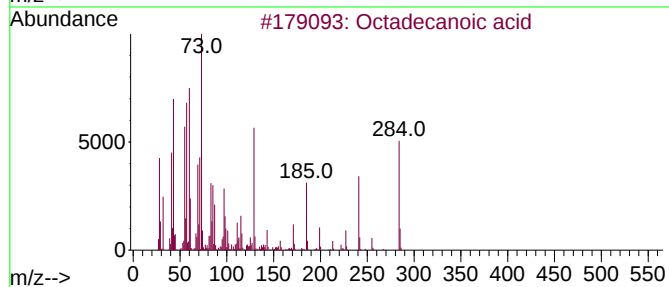
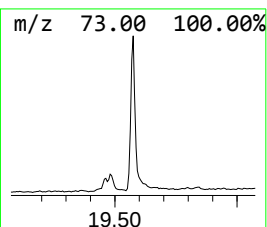
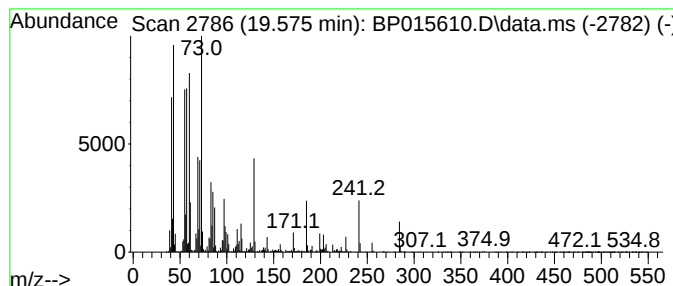
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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 Octadecanoic acid Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 19.575 | 9.67 ng/ul | 2582160 | Chrysene-d12     | 21.569 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 99   |
| 4    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 95   |
| 5    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

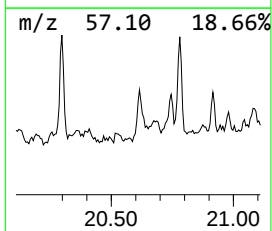
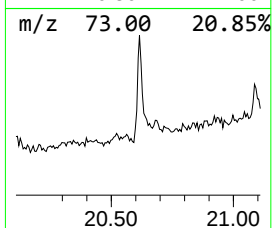
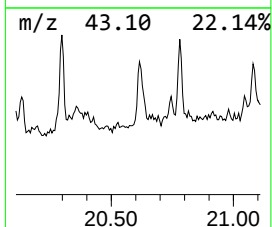
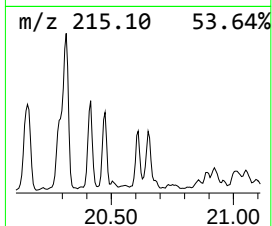
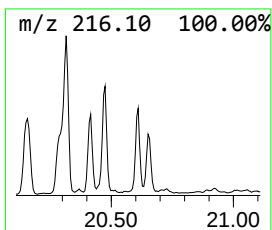
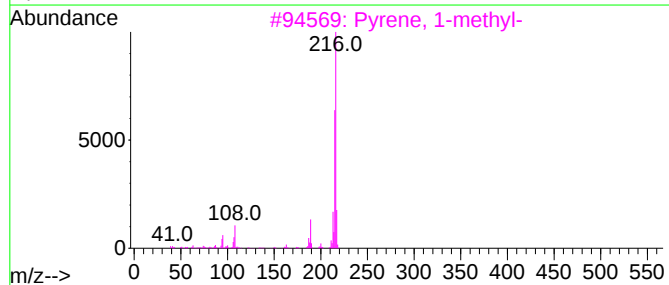
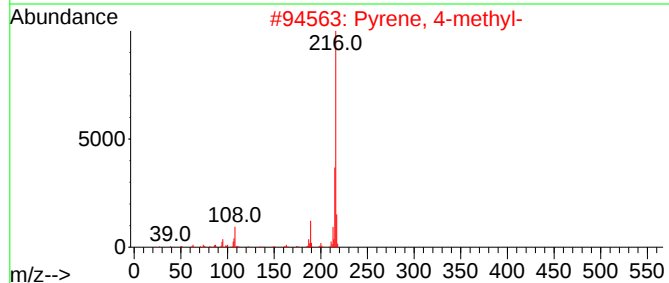
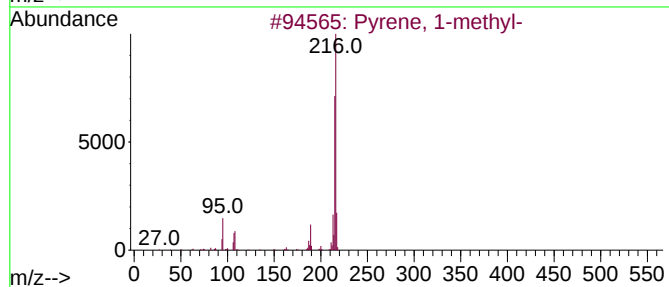
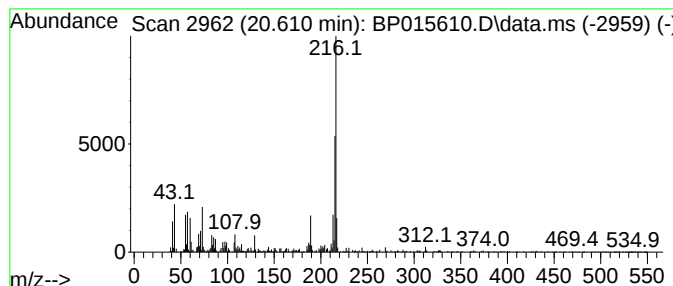
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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Pyrene, 1-methyl- Concentration Rank 23

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.610 | 2.38 ng/ul | 635657 | Chrysene-d12     | 21.569 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 96   |
| 2    |    |   | Pyrene, 4-methyl-       | 216 | C17H12  | 003353-12-6 | 96   |
| 3    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 96   |
| 4    |    |   | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 90   |
| 5    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 003543-31-6 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

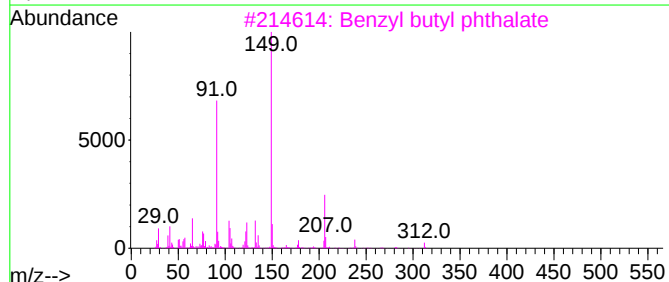
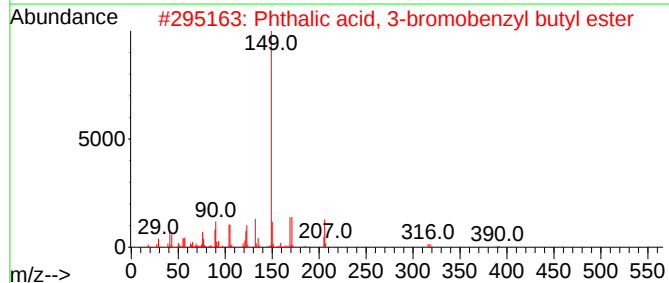
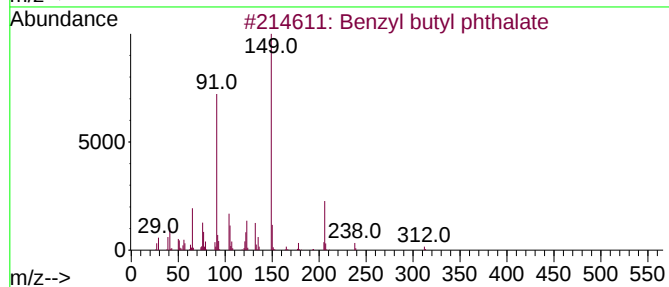
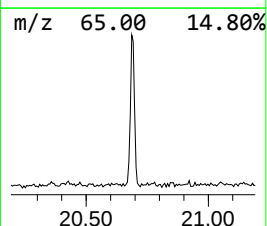
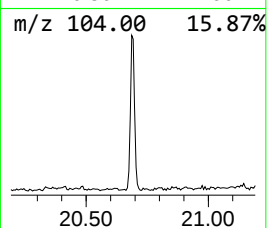
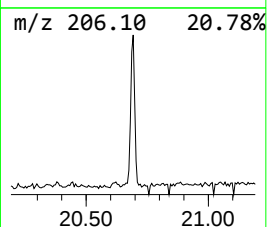
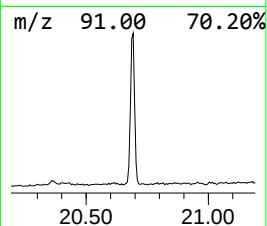
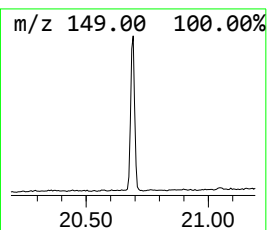
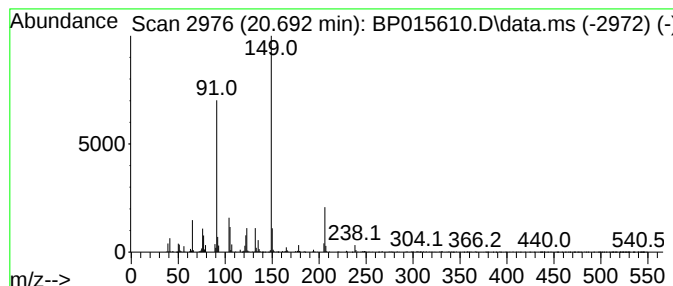
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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 Benzyl butyl phthalate Concentration Rank 19

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.692 | 2.73 ng/ul | 729317 | Chrysene-d12     | 21.569 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzyl butyl phthalate              | 312 | C19H20O4   | 000085-68-7  | 94   |
| 2    |    |   | Phthalic acid, 3-bromobenzyl but... | 390 | C19H19BrO4 | 1000371-05-3 | 90   |
| 3    |    |   | Benzyl butyl phthalate              | 312 | C19H20O4   | 000085-68-7  | 90   |
| 4    |    |   | Phthalic acid, 3-methylbenzyl bu... | 326 | C20H22O4   | 1000371-10-6 | 86   |
| 5    |    |   | Benzyl butyl phthalate              | 312 | C19H20O4   | 000085-68-7  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

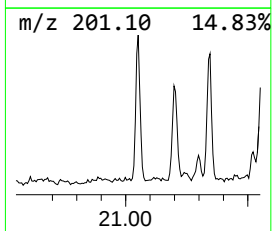
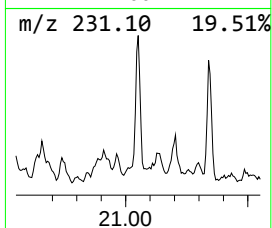
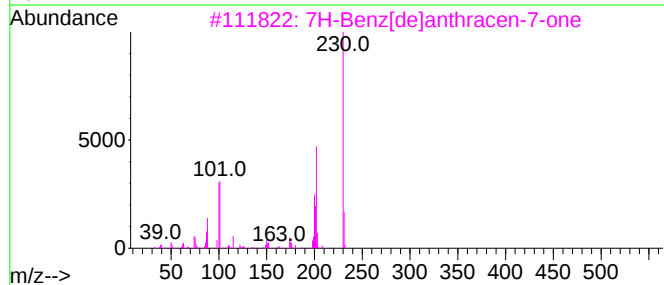
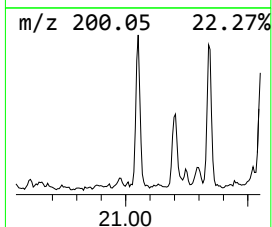
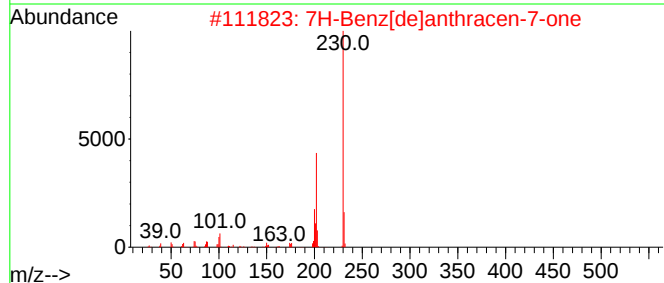
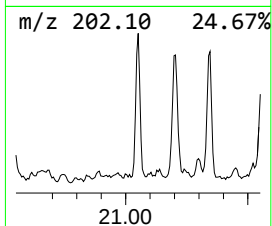
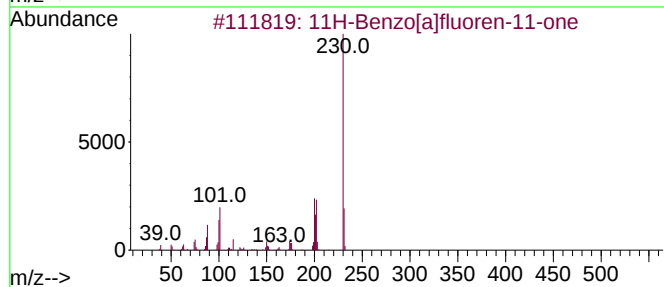
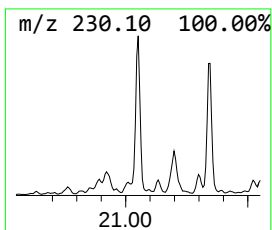
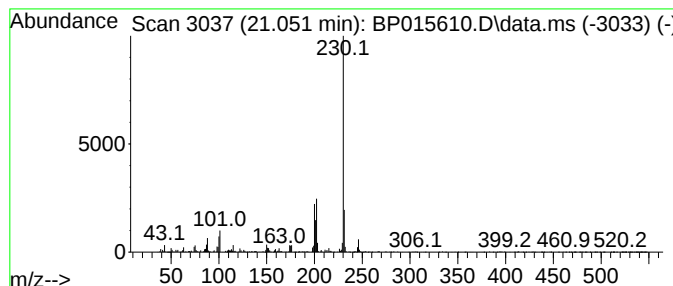
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Quant Title : SVOA CALIBRATION

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

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Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 18

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.051 | 2.76 ng/ul | 735479 | Chrysene-d12     | 21.569 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 97   |
| 2    |    |   | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 90   |
| 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 | 87   |
| 5    |    |   | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

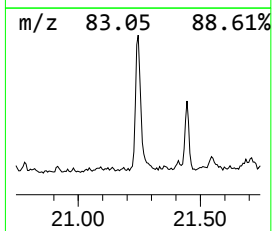
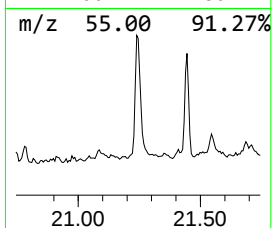
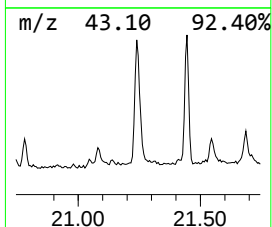
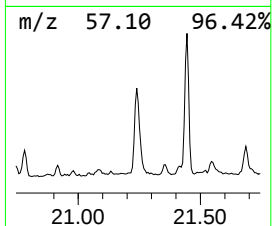
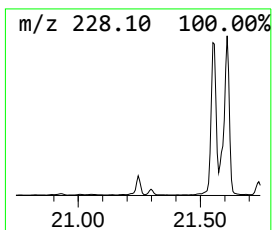
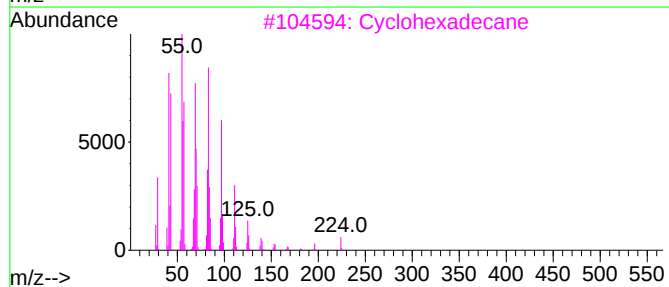
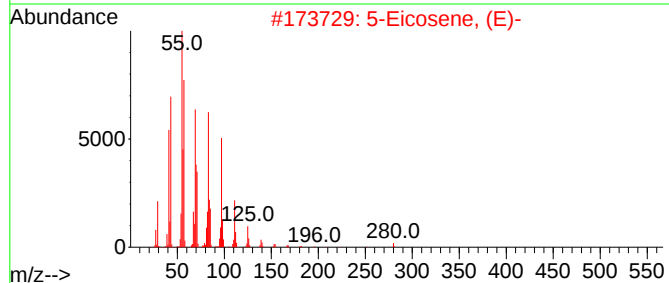
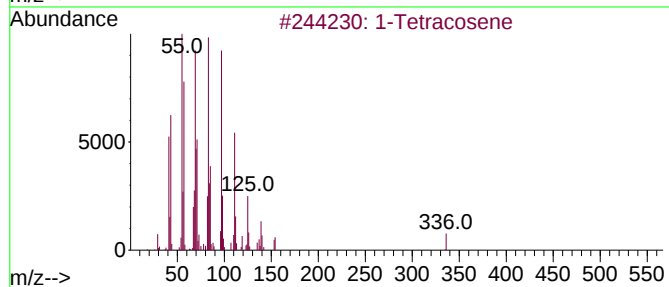
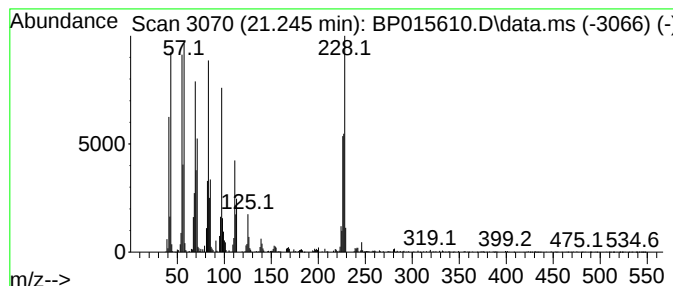
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.      | EstConc          | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------|---------|------------------|---------|-------------|------|
| 21.245    | 6.18 ng/ul       | 1650770 | Chrysene-d12     |         | 21.569      |      |
| Hit# of 5 | Tentative ID     |         | MW               | MolForm | CAS#        | Qual |
| 1         | 1-Tetracosene    |         | 336              | C24H48  | 010192-32-2 | 97   |
| 2         | 5-Eicosene, (E)- |         | 280              | C20H40  | 074685-30-6 | 93   |
| 3         | Cyclohexadecane  |         | 224              | C16H32  | 000295-65-8 | 91   |
| 4         | Behenic alcohol  |         | 326              | C22H46O | 000661-19-8 | 90   |
| 5         | 1-Heneicosanol   |         | 312              | C21H44O | 015594-90-8 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

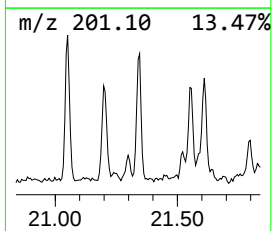
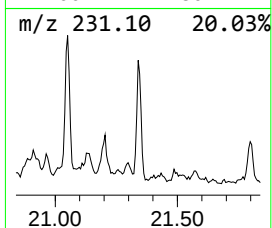
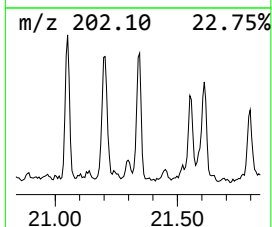
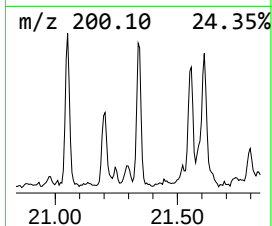
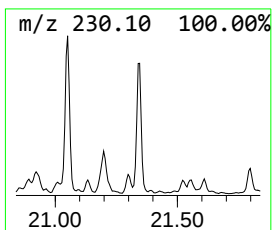
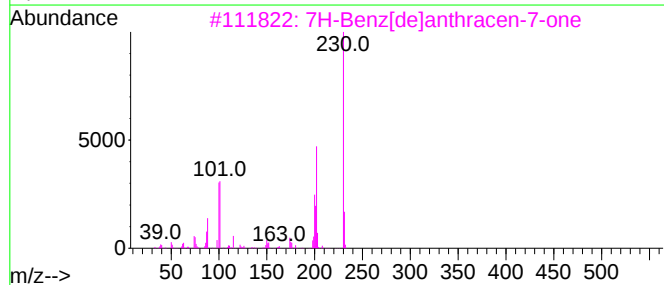
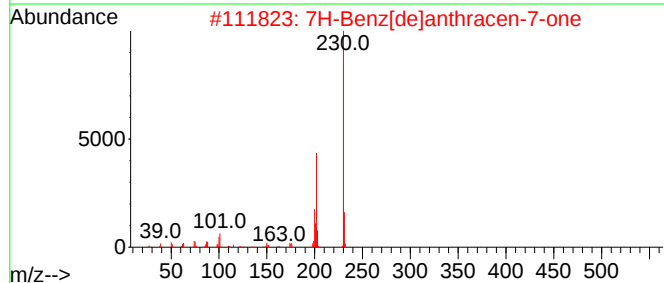
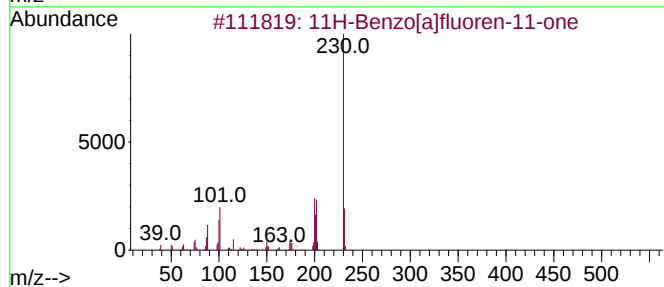
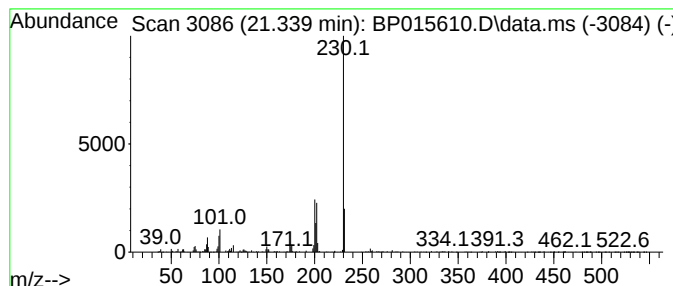
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 21 7H-Benz[de]anthracen-7-one Concentration Rank 22

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.339 | 2.50 ng/ul | 668598 | Chrysene-d12     | 21.569 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 96   |
| 2    |    |   | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 90   |
| 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 | 87   |
| 5    |    |   | 1-Pyrenecarboxaldehyde     | 230 | C17H10O | 003029-19-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

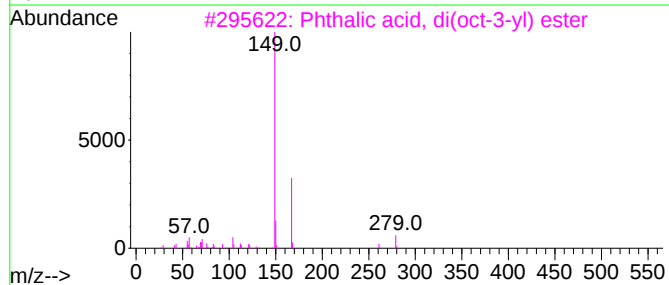
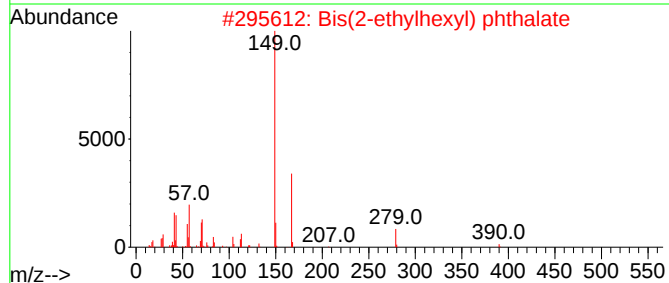
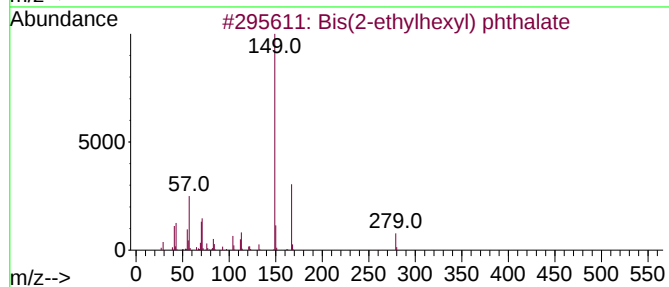
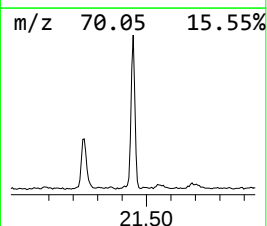
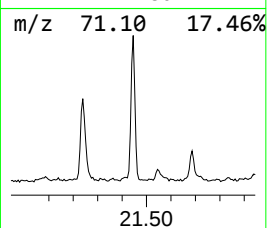
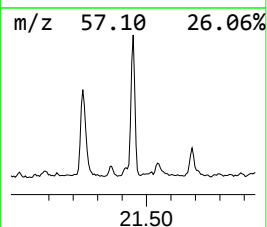
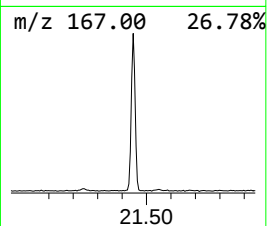
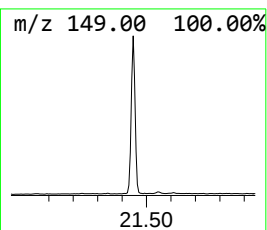
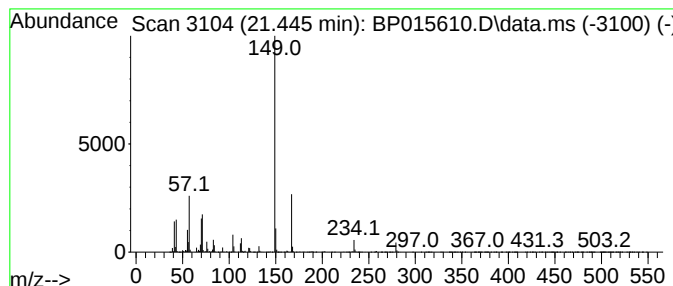
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Quant Title : SVOA CALIBRATION

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

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Peak Number 22 Bis(2-ethylhexyl) phthalate Concentration Rank 7

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.445 | 9.65 ng/ul | 2577400 | Chrysene-d12     | 21.569 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Bis(2-ethylhexyl) phthalate         | 390 | C24H38O4 | 000117-81-7  | 91   |
| 2    |    |   | Bis(2-ethylhexyl) phthalate         | 390 | C24H38O4 | 000117-81-7  | 87   |
| 3    |    |   | Phthalic acid, di(oct-3-yl) ester   | 390 | C24H38O4 | 1000377-72-3 | 86   |
| 4    |    |   | Phthalic acid, cyclohexyl 2-pent... | 318 | C19H26O4 | 1000315-55-3 | 80   |
| 5    |    |   | Dicyclohexyl phthalate              | 330 | C20H26O4 | 000084-61-7  | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

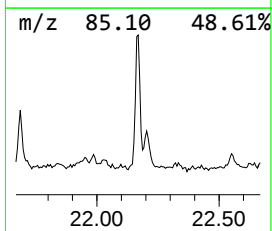
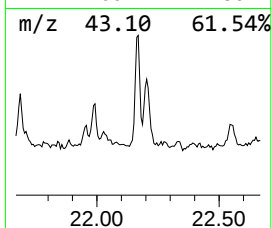
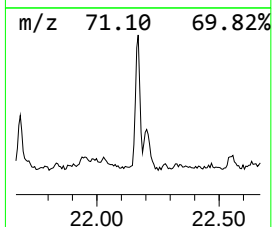
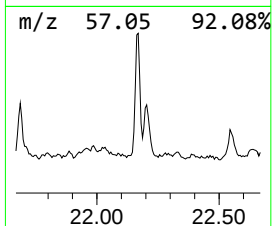
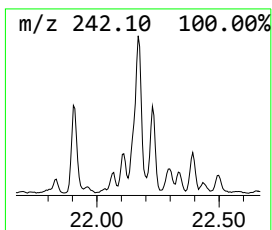
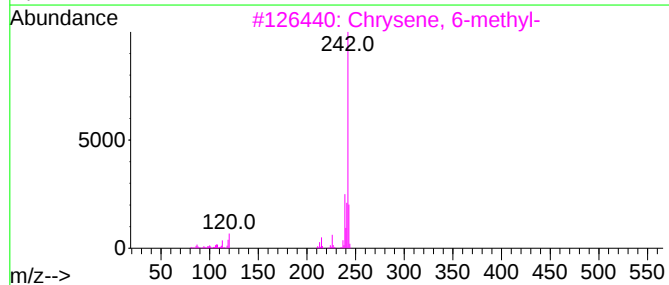
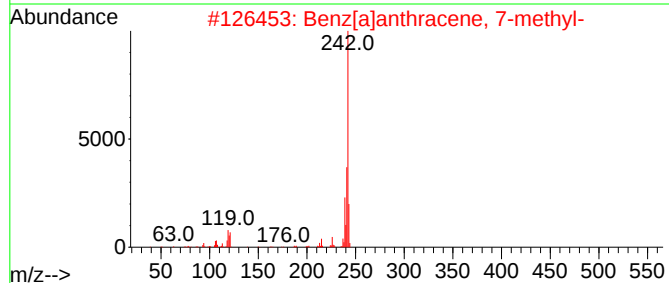
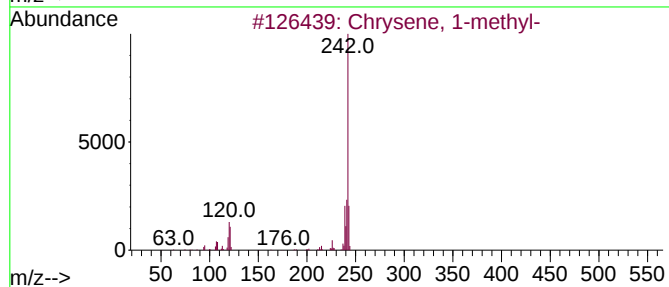
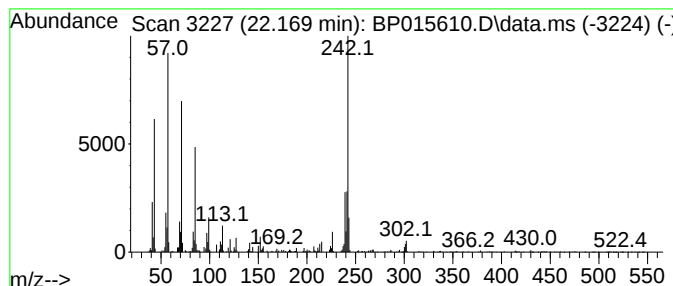
Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 23 Chrysene, 1-methyl- Concentration Rank 20

| R.T.      | EstConc                         | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|---------------------------------|--------|------------------|---------|-------------|------|
| 22.169    | 2.56 ng/ul                      | 682737 | Chrysene-d12     |         | 21.569      |      |
| Hit# of 5 | Tentative ID                    |        | MW               | MolForm | CAS#        | Qual |
| 1         | Chrysene, 1-methyl-             |        | 242              | C19H14  | 003351-28-8 | 81   |
| 2         | Benz[a]anthracene, 7-methyl-    |        | 242              | C19H14  | 002541-69-7 | 50   |
| 3         | Chrysene, 6-methyl-             |        | 242              | C19H14  | 001705-85-7 | 46   |
| 4         | Benzo[c]phenanthrene, 3-methyl- |        | 242              | C19H14  | 002381-19-3 | 46   |
| 5         | 2-Methylchrysene                |        | 242              | C19H14  | 003351-32-4 | 45   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

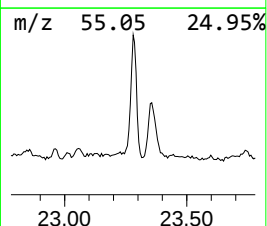
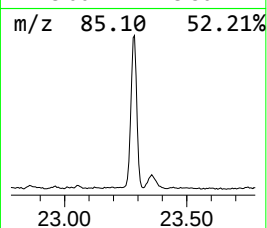
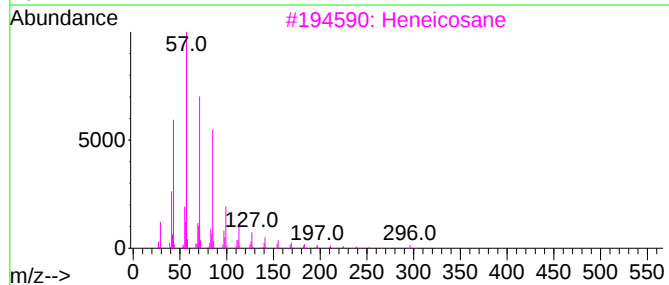
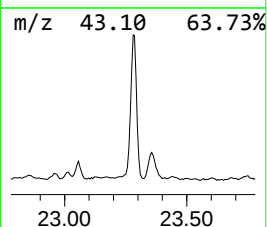
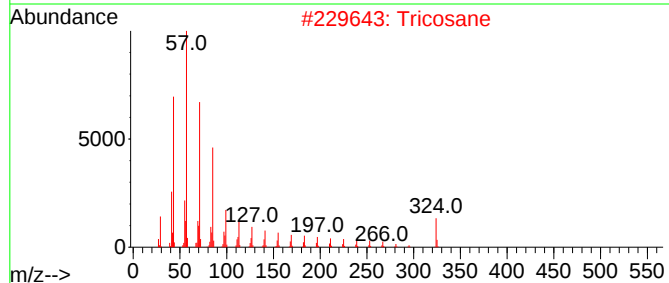
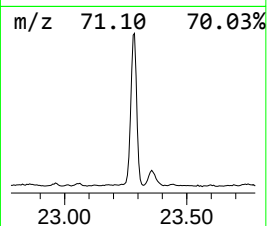
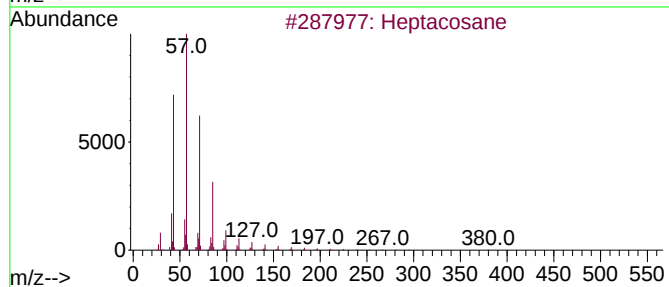
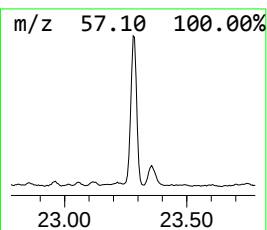
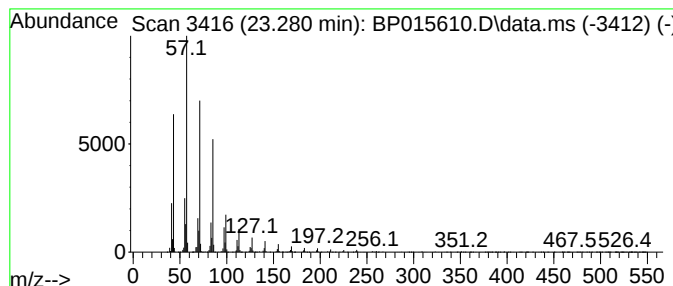
Instrument :  
BNA\_P  
ClientSampleId :  
DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.      | EstConc               | Area    | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|---------|------------------|-------------|------|
| 23.280    | 37.03 ng/ul           | 2537050 | Perylene-d12     | 24.121      |      |
| Hit# of 5 | Tentative ID          | MW      | MolForm          | CAS#        | Qual |
| 1         | Heptacosane           | 380     | C27H56           | 000593-49-7 | 95   |
| 2         | Tricosane             | 324     | C23H48           | 000638-67-5 | 93   |
| 3         | Heneicosane           | 296     | C21H44           | 000629-94-7 | 91   |
| 4         | Heptadecane, 9-octyl- | 352     | C25H52           | 007225-64-1 | 91   |
| 5         | Octacosane            | 394     | C28H58           | 000630-02-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

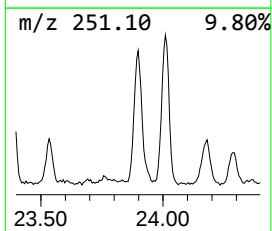
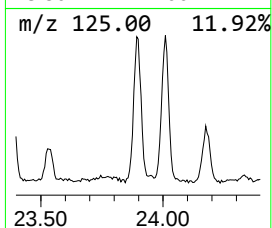
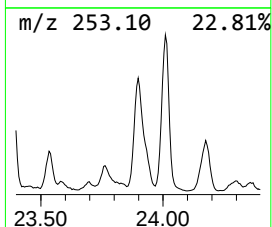
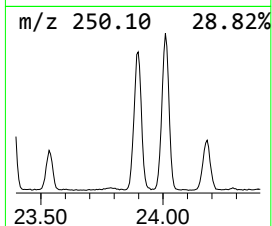
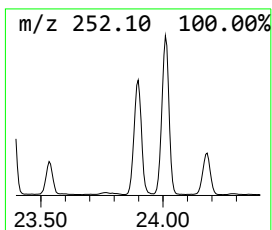
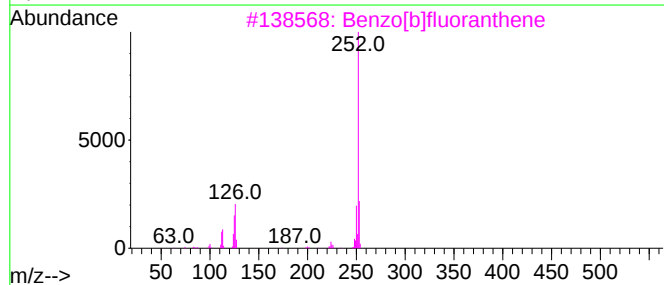
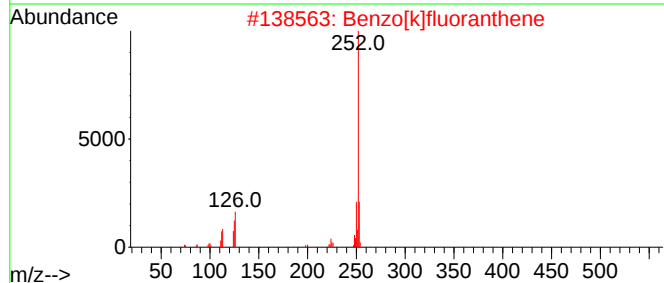
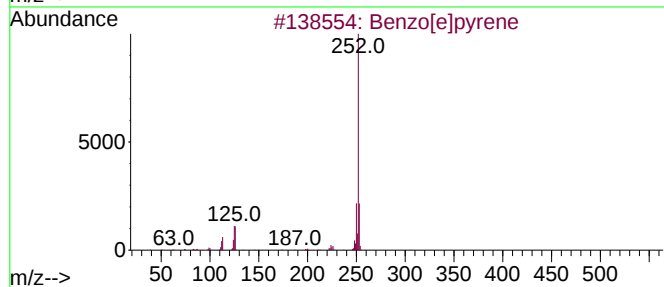
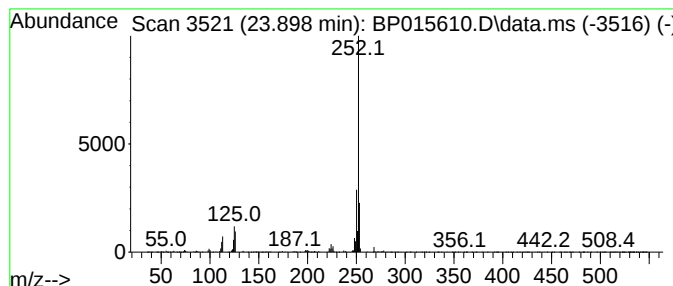
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BNA\_P  
ClientSampleId :  
DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 25 Benzo[e]pyrene Concentration Rank 5

| R.T.      | EstConc              | Area    | Relative to ISTD | R.T.        |      |
|-----------|----------------------|---------|------------------|-------------|------|
| 23.898    | 25.94 ng/ul          | 1777030 | Perylene-d12     | 24.121      |      |
| Hit# of 5 | Tentative ID         | MW      | MolForm          | CAS#        | Qual |
| 1         | Benzo[e]pyrene       | 252     | C20H12           | 000192-97-2 | 98   |
| 2         | Benzo[k]fluoranthene | 252     | C20H12           | 000207-08-9 | 97   |
| 3         | Benzo[b]fluoranthene | 252     | C20H12           | 000205-99-2 | 90   |
| 4         | Benzo[a]pyrene       | 252     | C20H12           | 000050-32-8 | 90   |
| 5         | Benzo[b]fluoranthene | 252     | C20H12           | 000205-99-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
Data File : BP015610.D  
Acq On : 19 Jun 2023 18:55  
Operator : MA/JU  
Sample : 03080-15  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

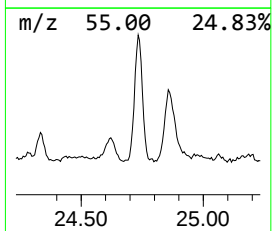
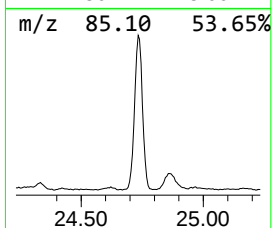
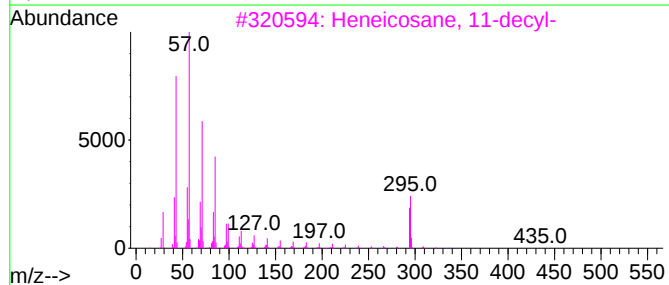
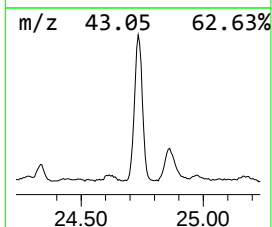
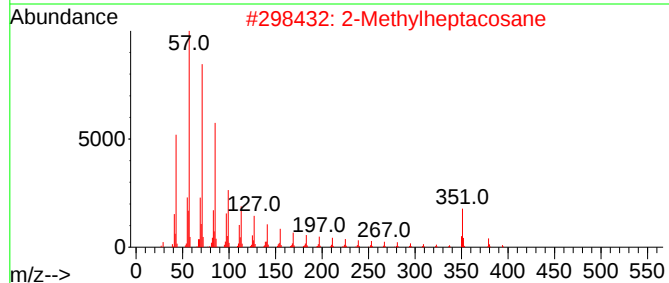
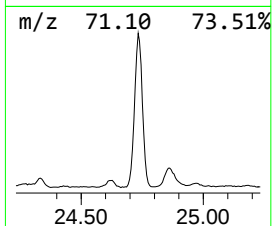
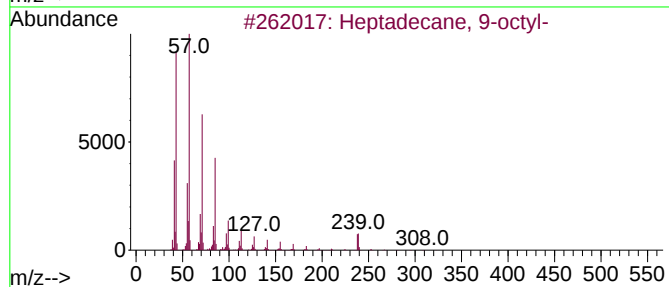
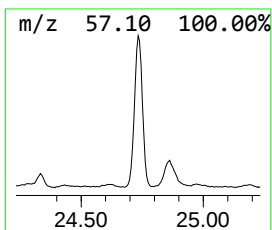
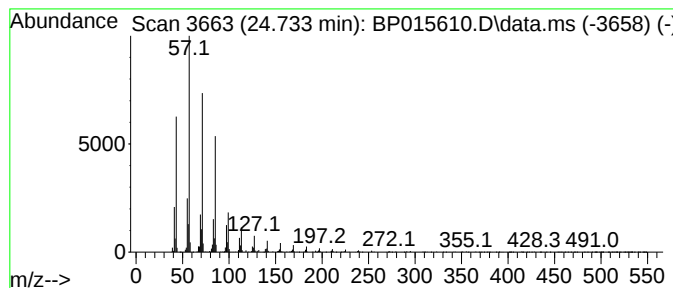
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------|---------|------------------|---------|-------------|------|
| 24.733    | 61.86 ng/ul            | 4238150 | Perylene-d12     |         | 24.121      |      |
| Hit# of 5 | Tentative ID           |         | MW               | MolForm | CAS#        | Qual |
| 1         | Heptadecane, 9-octyl-  |         | 352              | C25H52  | 007225-64-1 | 95   |
| 2         | 2-Methylheptacosane    |         | 394              | C28H58  | 001561-00-8 | 95   |
| 3         | Heneicosane, 11-decyl- |         | 437              | C31H64  | 055320-06-4 | 95   |
| 4         | Docosane, 7-hexyl-     |         | 394              | C28H58  | 055373-86-9 | 95   |
| 5         | Heneicosane            |         | 296              | C21H44  | 000629-94-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061923\  
 Data File : BP015610.D  
 Acq On : 19 Jun 2023 18:55  
 Operator : MA/JU  
 Sample : 03080-15  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFJ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.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         | 3.952  | 2.1     | ng/ul | 97938    | 1                     | 8.087  | 933931  | 20.0 |
| unknown-02         | 15.128 | 2.2     | ng/ul | 199711   | 3                     | 14.728 | 1821220 | 20.0 |
| Benzophenone       | 16.087 | 6.1     | ng/ul | 557514   | 3                     | 14.728 | 1821220 | 20.0 |
| (DEL) Alkane: S... | 16.439 | 2.8     | ng/ul | 331268   | 4                     | 17.486 | 2330590 | 20.0 |
| Tetradecanoic acid | 16.863 | 2.0     | ng/ul | 234448   | 4                     | 17.486 | 2330590 | 20.0 |
| 5H-Indeno[1,2-b... | 17.892 | 2.5     | ng/ul | 292799   | 4                     | 17.486 | 2330590 | 20.0 |
| (E)-Hexadec-9-e... | 18.298 | 26.8    | ng/ul | 3122710  | 4                     | 17.486 | 2330590 | 20.0 |
| n-Hexadecanoic ... | 18.357 | 55.9    | ng/ul | 6511760  | 4                     | 17.486 | 2330590 | 20.0 |
| 4H-Cyclopenta[d... | 18.533 | 5.1     | ng/ul | 594523   | 4                     | 17.486 | 2330590 | 20.0 |
| (DEL) Alkane: S... | 18.628 | 3.6     | ng/ul | 422681   | 4                     | 17.486 | 2330590 | 20.0 |
| 6-Phenylbenzocy... | 18.822 | 2.9     | ng/ul | 336519   | 4                     | 17.486 | 2330590 | 20.0 |
| Benzo[c]cinnoline  | 18.875 | 4.4     | ng/ul | 510316   | 4                     | 17.486 | 2330590 | 20.0 |
| Phenanthrene, 2... | 19.222 | 3.9     | ng/ul | 458716   | 4                     | 17.486 | 2330590 | 20.0 |
| Cyclopenta(def)... | 19.375 | 3.2     | ng/ul | 371752   | 4                     | 17.486 | 2330590 | 20.0 |
| 9,12-Octadecadi... | 19.433 | 6.1     | ng/ul | 715021   | 4                     | 17.486 | 2330590 | 20.0 |
| Octadecanoic acid  | 19.575 | 9.7     | ng/ul | 2582160  | 5                     | 21.569 | 5339080 | 20.0 |
| Pyrene, 1-methyl-  | 20.610 | 2.4     | ng/ul | 635657   | 5                     | 21.569 | 5339080 | 20.0 |
| Benzyl butyl ph... | 20.692 | 2.7     | ng/ul | 729317   | 5                     | 21.569 | 5339080 | 20.0 |
| 11H-Benzo[a]flu... | 21.051 | 2.8     | ng/ul | 735479   | 5                     | 21.569 | 5339080 | 20.0 |
| (DEL) Alkane: S... | 21.245 | 6.2     | ng/ul | 1650770  | 5                     | 21.569 | 5339080 | 20.0 |
| 7H-Benz[de]anth... | 21.339 | 2.5     | ng/ul | 668598   | 5                     | 21.569 | 5339080 | 20.0 |
| Bis(2-ethylhexy... | 21.445 | 9.7     | ng/ul | 2577400  | 5                     | 21.569 | 5339080 | 20.0 |
| Chrysene, 1-met... | 22.169 | 2.6     | ng/ul | 682737   | 5                     | 21.569 | 5339080 | 20.0 |
| (DEL) Alkane: S... | 23.280 | 37.0    | ng/ul | 2537050  | 6                     | 24.121 | 1370150 | 20.0 |
| Benzo[e]pyrene     | 23.898 | 25.9    | ng/ul | 1777030  | 6                     | 24.121 | 1370150 | 20.0 |
| (DEL) Alkane: S... | 24.733 | 61.9    | ng/ul | 4238150  | 6                     | 24.121 | 1370150 | 20.0 |