

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
 Data File : BM047881.D  
 Acq On : 07 Oct 2024 11:19  
 Operator : RC/JU  
 Sample : P4109-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4E64

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\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM047881.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         | 3.522       | 88            | 91          | 99           | rBV      | 67231          | 109484        | 0.32%           | 0.018%        |
| 2         | 6.169       | 536           | 541         | 554          | rBV2     | 41257          | 107112        | 0.32%           | 0.018%        |
| 3         | 6.993       | 678           | 681         | 696          | rVB      | 1445872        | 2434355       | 7.22%           | 0.398%        |
| 4         | 7.128       | 698           | 704         | 713          | rBV      | 678438         | 1085371       | 3.22%           | 0.177%        |
| 5         | 7.222       | 713           | 720         | 730          | rVB      | 6321857        | 9824290       | 29.13%          | 1.606%        |
| 6         | 7.369       | 740           | 745         | 756          | rVB      | 3637361        | 6035096       | 17.89%          | 0.986%        |
| 7         | 7.834       | 809           | 824         | 837          | rBV      | 9097992        | 15983392      | 47.39%          | 2.612%        |
| 8         | 8.152       | 870           | 878         | 888          | rBV      | 9092968        | 14882939      | 44.13%          | 2.432%        |
| 9         | 8.516       | 933           | 940         | 947          | rBV      | 1151037        | 1834638       | 5.44%           | 0.300%        |
| 10        | 8.610       | 947           | 956         | 964          | rVV      | 7194195        | 12022072      | 35.65%          | 1.965%        |
| 11        | 8.881       | 993           | 1002        | 1009         | rBV      | 5004144        | 8215799       | 24.36%          | 1.343%        |
| 12        | 8.951       | 1009          | 1014        | 1017         | rVV      | 835749         | 1325678       | 3.93%           | 0.217%        |
| 13        | 8.993       | 1017          | 1021        | 1032         | rVB      | 1468037        | 2474892       | 7.34%           | 0.404%        |
| 14        | 9.528       | 1100          | 1112        | 1121         | rBV      | 8646187        | 14960919      | 44.36%          | 2.445%        |
| 15        | 9.675       | 1129          | 1137        | 1139         | rBV      | 683715         | 1146116       | 3.40%           | 0.187%        |
| 16        | 9.704       | 1139          | 1142        | 1152         | rVV      | 1536854        | 2427060       | 7.20%           | 0.397%        |
| 17        | 9.828       | 1156          | 1163        | 1172         | rVB      | 341997         | 541011        | 1.60%           | 0.088%        |
| 18        | 10.010      | 1185          | 1194        | 1205         | rBV      | 7588853        | 12551904      | 37.22%          | 2.051%        |
| 19        | 10.246      | 1222          | 1234        | 1247         | rBV2     | 5664411        | 10918473      | 32.37%          | 1.784%        |
| 20        | 10.593      | 1283          | 1293        | 1299         | rBV      | 1218653        | 2119278       | 6.28%           | 0.346%        |
| 21        | 10.722      | 1308          | 1315        | 1332         | rBV      | 856814         | 1587327       | 4.71%           | 0.259%        |
| 22        | 10.934      | 1337          | 1351        | 1361         | rBV      | 7405604        | 11970384      | 35.49%          | 1.956%        |
| 23        | 11.875      | 1504          | 1511        | 1527         | rBV      | 2444542        | 3882325       | 11.51%          | 0.634%        |
| 24        | 12.145      | 1552          | 1557        | 1568         | rVB2     | 90398          | 178744        | 0.53%           | 0.029%        |
| 25        | 12.251      | 1568          | 1575        | 1589         | rBV      | 4783255        | 7892210       | 23.40%          | 1.290%        |
| 26        | 12.669      | 1641          | 1646        | 1655         | rVB      | 138102         | 206771        | 0.61%           | 0.034%        |
| 27        | 12.869      | 1672          | 1680        | 1686         | rBV      | 10356776       | 16365532      | 48.53%          | 2.675%        |
| 28        | 12.934      | 1686          | 1691        | 1702         | rVB      | 2566792        | 3812613       | 11.30%          | 0.623%        |
| 29        | 13.351      | 1757          | 1762        | 1767         | rVB      | 81405          | 130581        | 0.39%           | 0.021%        |
| 30        | 13.710      | 1818          | 1823        | 1832         | rVB5     | 59184          | 104116        | 0.31%           | 0.017%        |
| 31        | 13.845      | 1837          | 1846        | 1853         | rBV      | 1983315        | 2911125       | 8.63%           | 0.476%        |
| 32        | 14.016      | 1863          | 1875        | 1880         | rBV      | 10493265       | 16455659      | 48.79%          | 2.689%        |
| 33        | 14.128      | 1888          | 1894        | 1897         | rVV      | 2393229        | 4160720       | 12.34%          | 0.680%        |
| 34        | 14.157      | 1897          | 1899        | 1909         | rVB      | 1969937        | 2254964       | 6.69%           | 0.369%        |
| 35        | 14.433      | 1939          | 1946        | 1951         | rBV      | 1730969        | 2584085       | 7.66%           | 0.422%        |
| 36        | 14.504      | 1951          | 1958        | 1964         | rVB      | 12156132       | 18610931      | 55.18%          | 3.041%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
 Data File : BM047881.D  
 Acq On : 07 Oct 2024 11:19  
 Operator : RC/JU  
 Sample : P4109-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4E64

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\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |          |        |        |
|----|--------|------|------|------|------|----------|----------|--------|--------|
| 37 | 14.557 | 1964 | 1967 | 1974 | rVB  | 148560   | 218305   | 0.65%  | 0.036% |
| 38 | 14.663 | 1974 | 1985 | 1996 | rBV3 | 8394663  | 19348386 | 57.37% | 3.162% |
| 39 | 14.751 | 1996 | 2000 | 2003 | rBV  | 170208   | 257836   | 0.76%  | 0.042% |
| 40 | 14.804 | 2003 | 2009 | 2015 | rVB  | 7439211  | 11046750 | 32.75% | 1.805% |
| 41 | 15.063 | 2049 | 2053 | 2063 | rVB  | 169338   | 263095   | 0.78%  | 0.043% |
| 42 | 15.286 | 2086 | 2091 | 2096 | rVV3 | 72657    | 103697   | 0.31%  | 0.017% |
| 43 | 15.428 | 2106 | 2115 | 2119 | rBV  | 2999843  | 4428824  | 13.13% | 0.724% |
| 44 | 15.486 | 2119 | 2125 | 2130 | rVV2 | 17317474 | 30122429 | 89.32% | 4.923% |
| 45 | 15.539 | 2130 | 2134 | 2140 | rVB  | 775550   | 1029035  | 3.05%  | 0.168% |
| 46 | 15.728 | 2161 | 2166 | 2172 | rVV  | 266547   | 375863   | 1.11%  | 0.061% |
| 47 | 15.975 | 2201 | 2208 | 2213 | rBV5 | 57056    | 98311    | 0.29%  | 0.016% |
| 48 | 16.145 | 2232 | 2237 | 2245 | rBV4 | 149327   | 272969   | 0.81%  | 0.045% |
| 49 | 16.369 | 2270 | 2275 | 2282 | rVB  | 3339263  | 4502794  | 13.35% | 0.736% |
| 50 | 16.492 | 2288 | 2296 | 2303 | rBV  | 15693722 | 23836920 | 70.68% | 3.896% |
| 51 | 16.827 | 2344 | 2353 | 2362 | rBV  | 12033946 | 18862618 | 55.93% | 3.083% |
| 52 | 16.898 | 2363 | 2365 | 2369 | rVV2 | 79536    | 121317   | 0.36%  | 0.020% |
| 53 | 16.963 | 2369 | 2376 | 2389 | rVV2 | 279627   | 593553   | 1.76%  | 0.097% |
| 54 | 17.110 | 2396 | 2401 | 2406 | rVV4 | 57779    | 123986   | 0.37%  | 0.020% |
| 55 | 17.174 | 2406 | 2412 | 2415 | rVV  | 1999586  | 2957103  | 8.77%  | 0.483% |
| 56 | 17.216 | 2415 | 2419 | 2424 | rVV  | 5940690  | 8157812  | 24.19% | 1.333% |
| 57 | 17.274 | 2424 | 2429 | 2431 | rVV  | 3305302  | 4771247  | 14.15% | 0.780% |
| 58 | 17.310 | 2431 | 2435 | 2447 | rVB  | 5778622  | 8056314  | 23.89% | 1.317% |
| 59 | 17.457 | 2454 | 2460 | 2470 | rVB4 | 45381    | 130049   | 0.39%  | 0.021% |
| 60 | 17.563 | 2472 | 2478 | 2479 | rBV3 | 63614    | 99957    | 0.30%  | 0.016% |
| 61 | 17.580 | 2479 | 2481 | 2486 | rVB3 | 77540    | 94235    | 0.28%  | 0.015% |
| 62 | 17.780 | 2511 | 2515 | 2521 | rBV4 | 155034   | 244317   | 0.72%  | 0.040% |
| 63 | 17.845 | 2521 | 2526 | 2534 | rVB  | 491112   | 623351   | 1.85%  | 0.102% |
| 64 | 17.922 | 2535 | 2539 | 2551 | rVB2 | 48286    | 93963    | 0.28%  | 0.015% |
| 65 | 18.074 | 2559 | 2565 | 2570 | rBV  | 1933351  | 2576190  | 7.64%  | 0.421% |
| 66 | 18.145 | 2570 | 2577 | 2584 | rVB  | 15966619 | 22547133 | 66.85% | 3.685% |
| 67 | 18.351 | 2608 | 2612 | 2617 | rBV4 | 62315    | 128716   | 0.38%  | 0.021% |
| 68 | 18.427 | 2617 | 2625 | 2632 | rVV2 | 257693   | 472109   | 1.40%  | 0.077% |
| 69 | 18.533 | 2639 | 2643 | 2647 | rBV2 | 115427   | 183988   | 0.55%  | 0.030% |
| 70 | 18.586 | 2647 | 2652 | 2656 | rVV  | 597038   | 827739   | 2.45%  | 0.135% |
| 71 | 18.927 | 2706 | 2710 | 2714 | rBV2 | 120283   | 158698   | 0.47%  | 0.026% |
| 72 | 18.986 | 2717 | 2720 | 2722 | rVV3 | 72708    | 86653    | 0.26%  | 0.014% |
| 73 | 19.016 | 2722 | 2725 | 2729 | rVB  | 428397   | 440636   | 1.31%  | 0.072% |
| 74 | 19.151 | 2745 | 2748 | 2753 | rVV2 | 227065   | 273497   | 0.81%  | 0.045% |
| 75 | 19.233 | 2755 | 2762 | 2774 | rVB  | 18336698 | 27502987 | 81.55% | 4.495% |
| 76 | 19.345 | 2777 | 2781 | 2790 | rBV  | 791577   | 1128020  | 3.34%  | 0.184% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
 Data File : BM047881.D  
 Acq On : 07 Oct 2024 11:19  
 Operator : RC/JU  
 Sample : P4109-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4E64

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\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |          |          |         |        |
|-----|--------|------|------|------|------|----------|----------|---------|--------|
| 77  | 19.468 | 2798 | 2802 | 2810 | rBV  | 213469   | 300945   | 0.89%   | 0.049% |
| 78  | 19.563 | 2812 | 2818 | 2820 | rVV  | 4304303  | 6588208  | 19.53%  | 1.077% |
| 79  | 19.592 | 2820 | 2823 | 2831 | rVB  | 10071314 | 12561549 | 37.25%  | 2.053% |
| 80  | 19.657 | 2831 | 2834 | 2838 | rBV2 | 148337   | 187345   | 0.56%   | 0.031% |
| 81  | 19.804 | 2855 | 2859 | 2864 | rBV  | 177117   | 237706   | 0.70%   | 0.039% |
| 82  | 19.851 | 2864 | 2867 | 2873 | rVB3 | 113787   | 139376   | 0.41%   | 0.023% |
| 83  | 20.074 | 2901 | 2905 | 2908 | rBV  | 314288   | 422276   | 1.25%   | 0.069% |
| 84  | 20.245 | 2930 | 2934 | 2939 | rBV  | 490535   | 568358   | 1.69%   | 0.093% |
| 85  | 20.433 | 2963 | 2966 | 2969 | rBV  | 339670   | 338251   | 1.00%   | 0.055% |
| 86  | 20.480 | 2970 | 2974 | 2980 | rVB  | 5873541  | 6641433  | 19.69%  | 1.085% |
| 87  | 21.074 | 3071 | 3075 | 3086 | rVB  | 1093884  | 1561269  | 4.63%   | 0.255% |
| 88  | 21.227 | 3097 | 3101 | 3107 | rBV2 | 851769   | 1090821  | 3.23%   | 0.178% |
| 89  | 21.310 | 3109 | 3115 | 3120 | rVV  | 18888018 | 27770226 | 82.34%  | 4.538% |
| 90  | 21.392 | 3121 | 3129 | 3134 | rVV  | 14273111 | 27384277 | 81.20%  | 4.475% |
| 91  | 21.457 | 3134 | 3140 | 3147 | rVB  | 19408923 | 33725881 | 100.00% | 5.512% |
| 92  | 22.174 | 3258 | 3262 | 3271 | rVB4 | 265173   | 647532   | 1.92%   | 0.106% |
| 93  | 22.351 | 3288 | 3292 | 3306 | rVB3 | 625219   | 1258214  | 3.73%   | 0.206% |
| 94  | 23.474 | 3471 | 3483 | 3491 | rBV  | 13631976 | 33547058 | 99.47%  | 5.482% |
| 95  | 24.198 | 3598 | 3606 | 3611 | rBV  | 1990926  | 5059789  | 15.00%  | 0.827% |
| 96  | 24.268 | 3611 | 3618 | 3631 | rVB  | 3188987  | 8056813  | 23.89%  | 1.317% |
| 97  | 24.403 | 3633 | 3641 | 3652 | rVB  | 1344593  | 3446061  | 10.22%  | 0.563% |
| 98  | 25.574 | 3836 | 3840 | 3863 | rVB4 | 420822   | 1463357  | 4.34%   | 0.239% |
| 99  | 27.862 | 4206 | 4229 | 4247 | rVB  | 4408696  | 21818023 | 64.69%  | 3.566% |
| 100 | 28.844 | 4386 | 4396 | 4415 | rVB2 | 1360334  | 5821543  | 17.26%  | 0.951% |

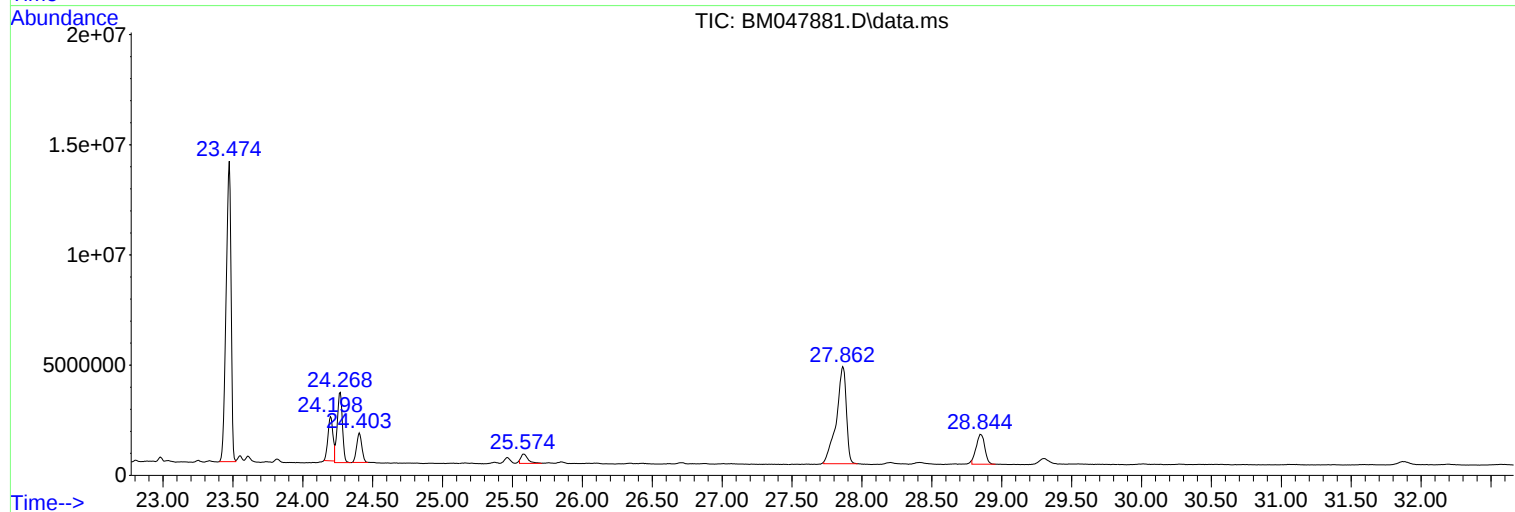
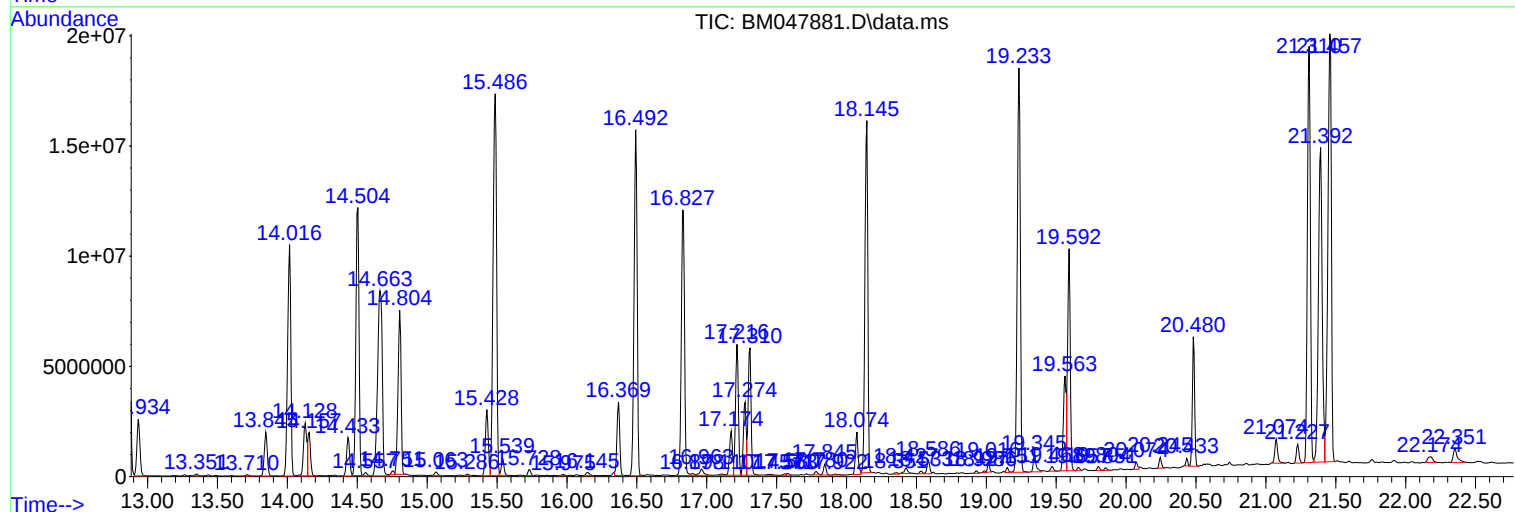
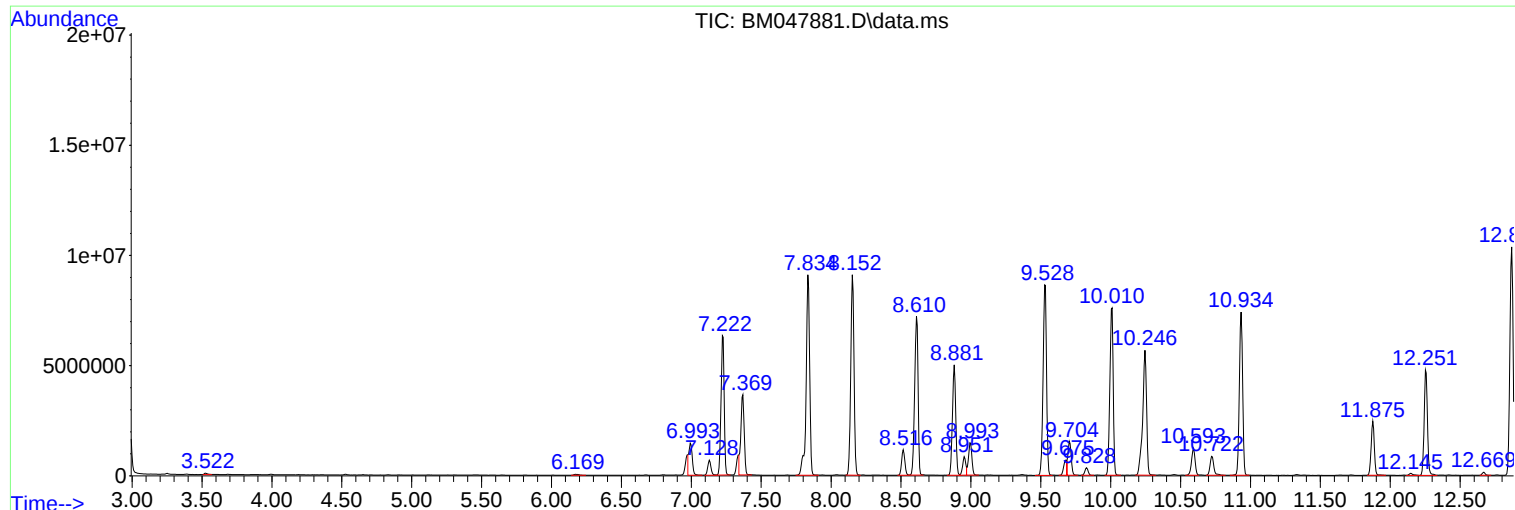
Sum of corrected areas: 611905679

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

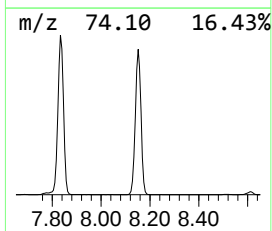
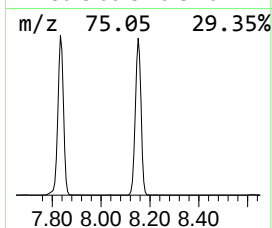
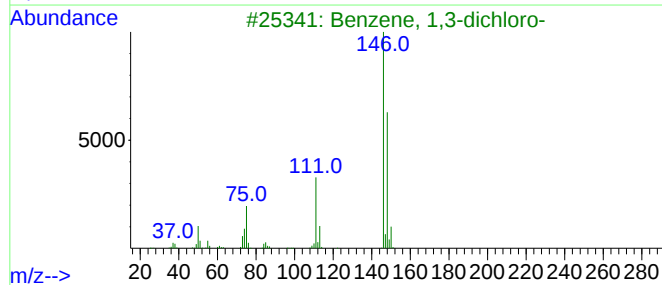
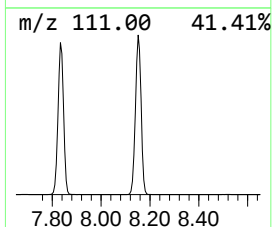
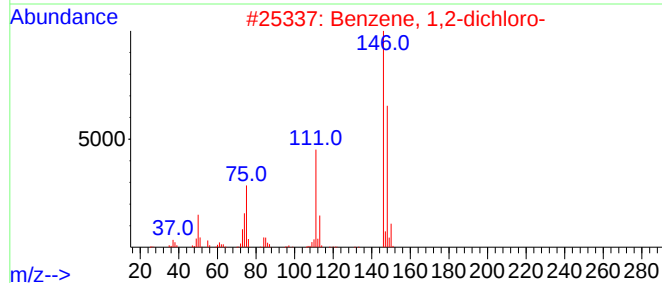
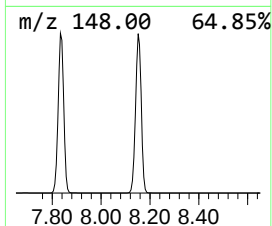
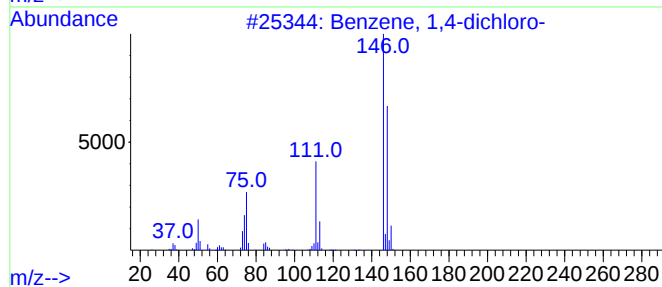
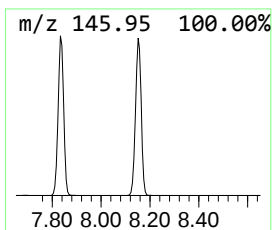
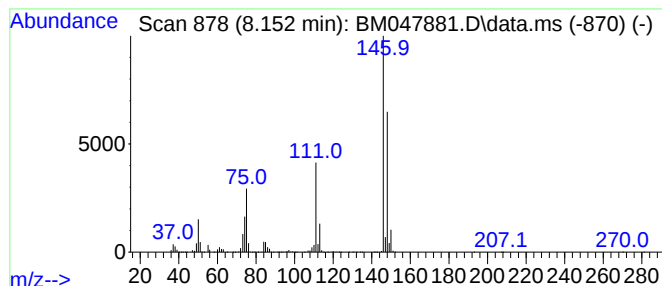
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzene, 1,4-dichloro- Concentration Rank 1

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 8.152 | 18.62 ng/ul | 14882900 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 98   |
| 2    |    |   | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 98   |
| 3    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97   |
| 4    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97   |
| 5    |    |   | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

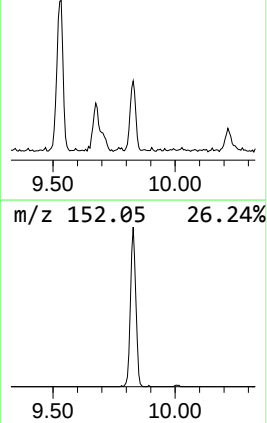
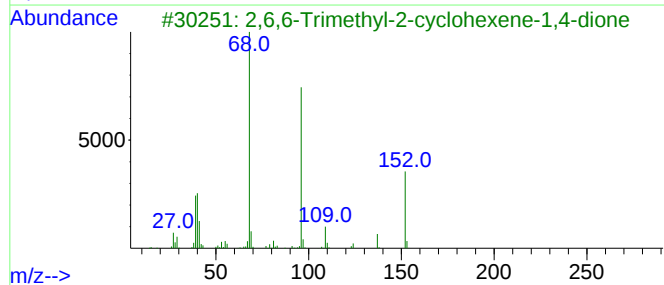
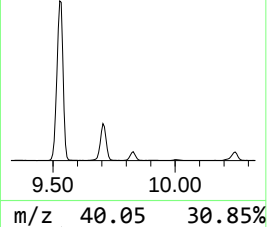
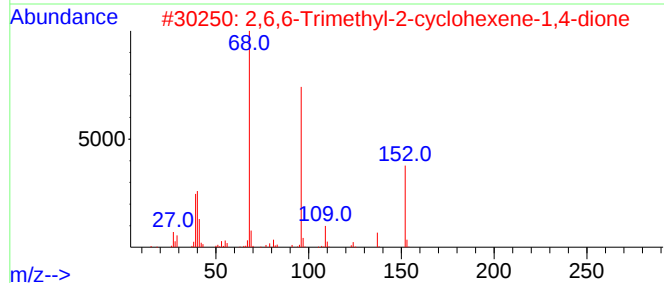
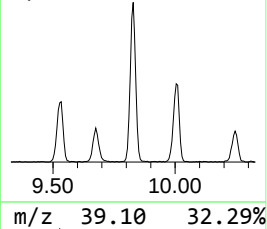
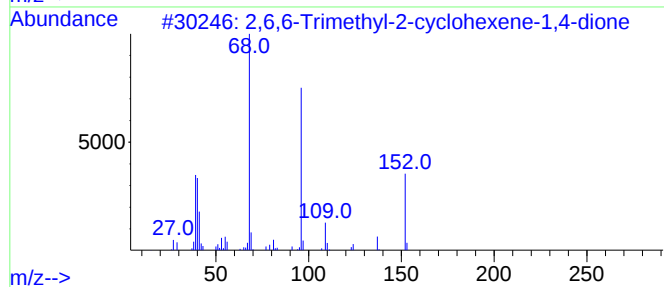
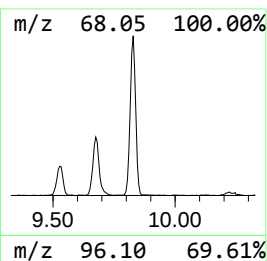
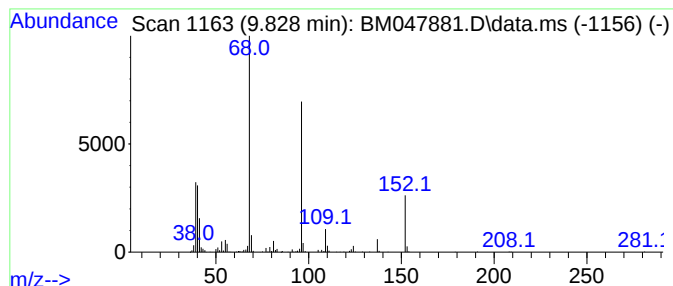
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 2,6,6-Trimethyl-2-cyclohexe... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.828 | 5.11 ng/ul | 541011 | Naphthalene-d8   | 10.593 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,6,6-Trimethyl-2-cyclohexene-1,... | 152 | C9H12O2      | 001125-21-9 | 96      |      |      |
| 2    | 2,6,6-Trimethyl-2-cyclohexene-1,... | 152 | C9H12O2      | 001125-21-9 | 95      |      |      |
| 3    | 2,6,6-Trimethyl-2-cyclohexene-1,... | 152 | C9H12O2      | 001125-21-9 | 94      |      |      |
| 4    | 2,6,6-Trimethyl-2-cyclohexene-1,... | 152 | C9H12O2      | 001125-21-9 | 91      |      |      |
| 5    | 2-Cyclohexen-1-one                  | 96  | C6H8O        | 000930-68-7 | 58      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

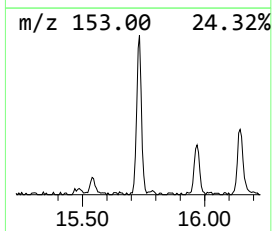
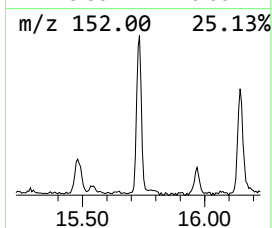
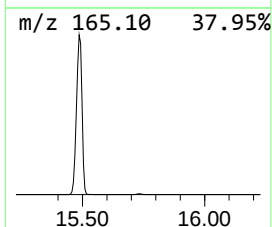
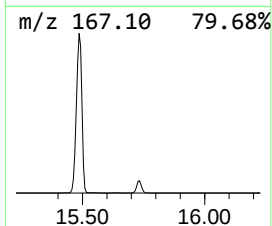
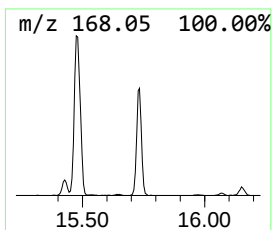
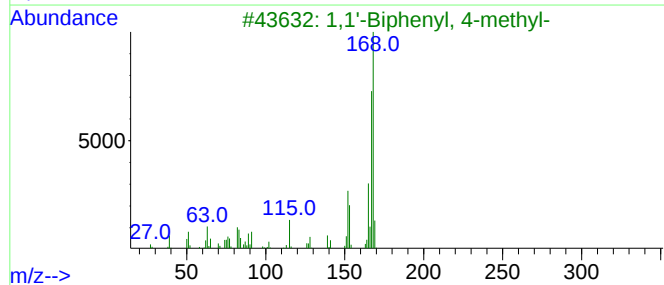
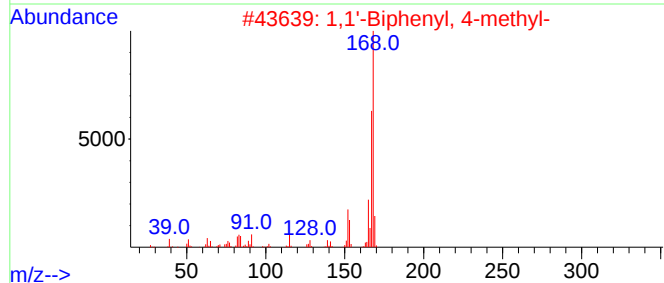
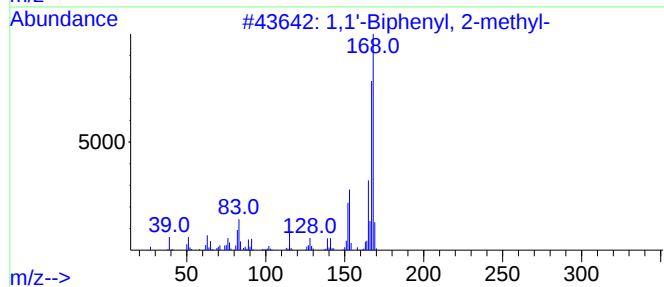
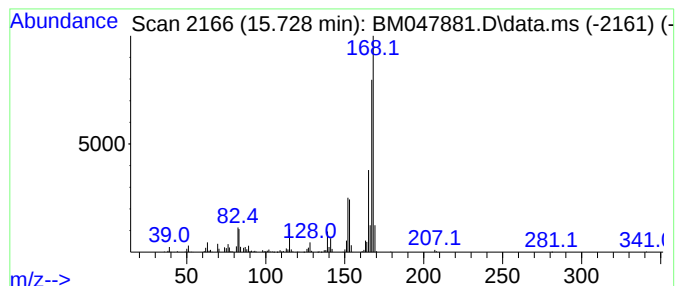
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 1,1'-Biphenyl, 2-methyl- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.727 | 2.91 ng/ul | 375863 | Acenaphthene-d10 | 14.434 |

| Hit# | of                       | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1,1'-Biphenyl, 2-methyl- |   |              | 168 | C13H12  | 000643-58-3 | 94   |
| 2    | 1,1'-Biphenyl, 4-methyl- |   |              | 168 | C13H12  | 000644-08-6 | 94   |
| 3    | 1,1'-Biphenyl, 4-methyl- |   |              | 168 | C13H12  | 000644-08-6 | 93   |
| 4    | 1,1'-Biphenyl, 4-methyl- |   |              | 168 | C13H12  | 000644-08-6 | 93   |
| 5    | 1,1'-Biphenyl, 4-methyl- |   |              | 168 | C13H12  | 000644-08-6 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

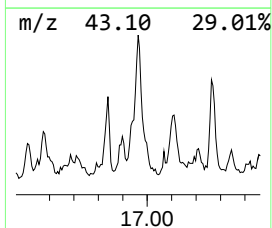
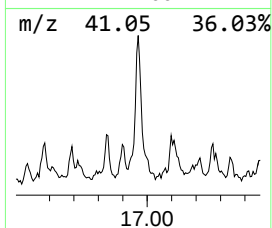
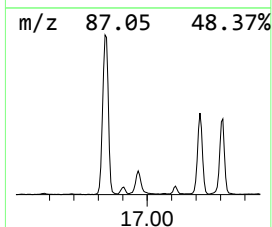
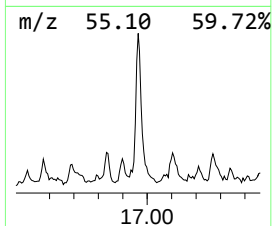
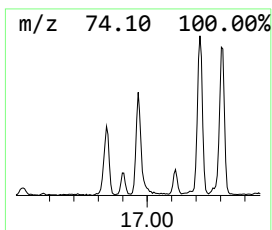
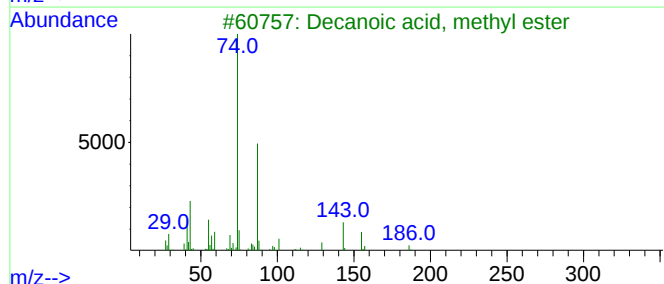
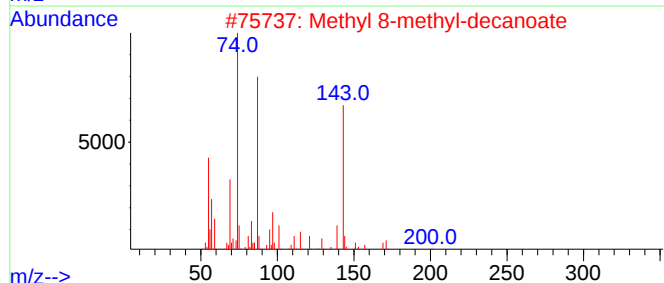
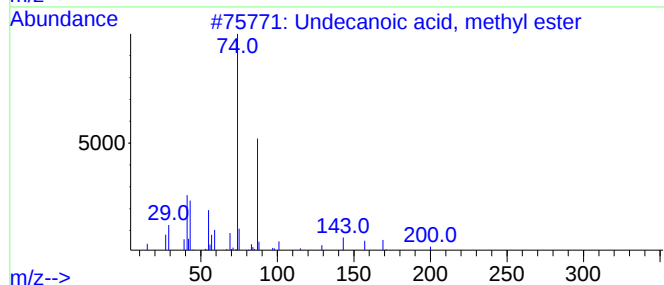
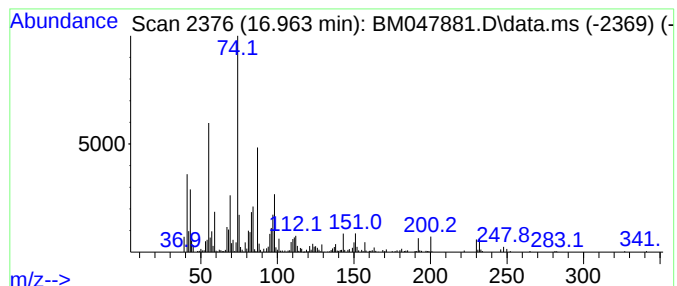
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Undecanoic acid, methyl ester Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 16.963 | 4.01 ng/ul | 593553 | Phenanthrene-d10 | 17.174 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Undecanoic acid, methyl ester       | 200 | C12H24O2   | 001731-86-8  | 50   |
| 2    |    |   | Methyl 8-methyl-decanoate           | 200 | C12H24O2   | 1010336-49-1 | 50   |
| 3    |    |   | Decanoic acid, methyl ester         | 186 | C11H22O2   | 000110-42-9  | 50   |
| 4    |    |   | Undecanoic acid, 11-bromo-, meth... | 278 | C12H23BrO2 | 006287-90-7  | 50   |
| 5    |    |   | Decanoic acid, 2-methyl-            | 186 | C11H22O2   | 024323-23-7  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

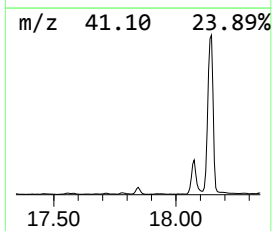
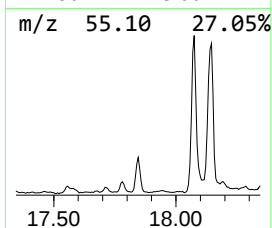
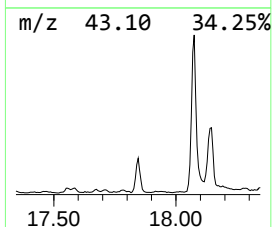
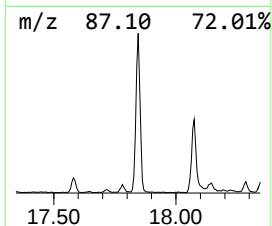
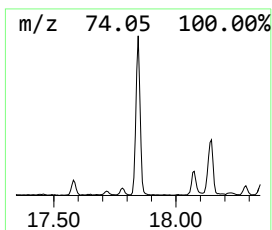
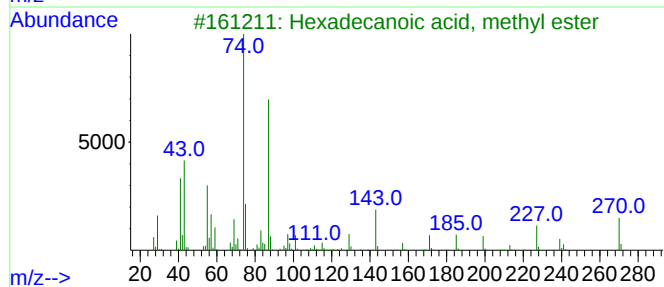
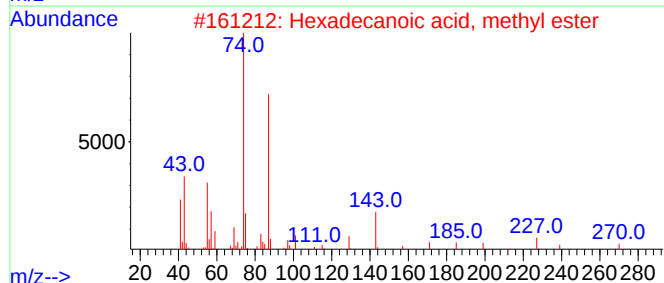
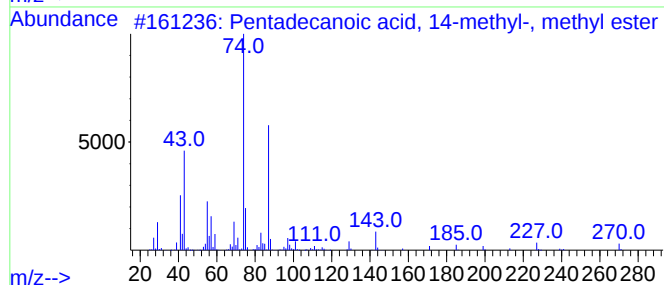
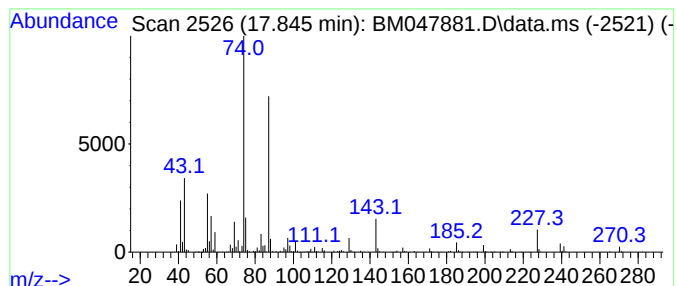
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Pentadecanoic acid, 14-meth... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.845 | 4.22 ng/ul | 623351 | Phenanthrene-d10 | 17.174 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 96   |
| 2    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 95   |
| 3    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 94   |
| 4    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 93   |
| 5    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

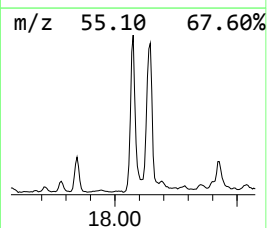
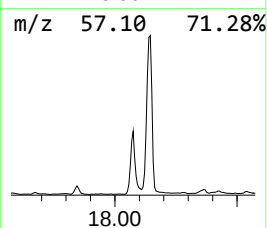
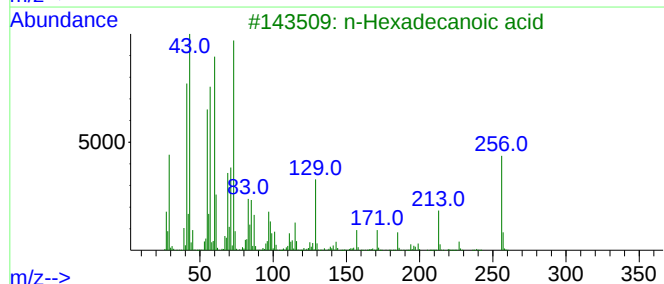
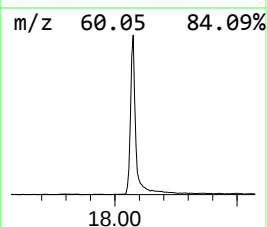
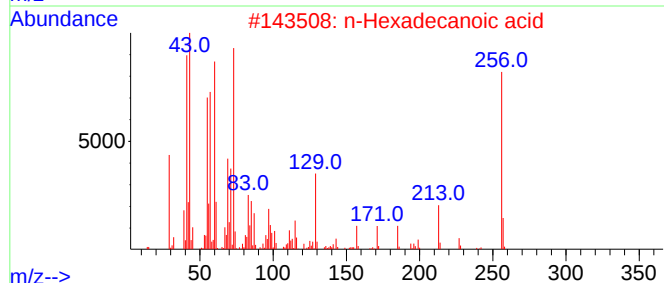
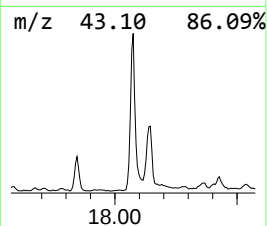
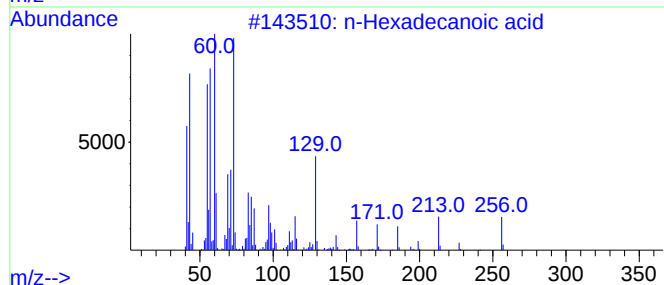
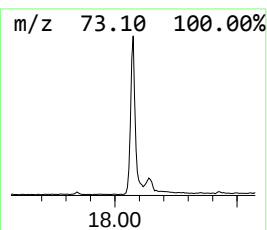
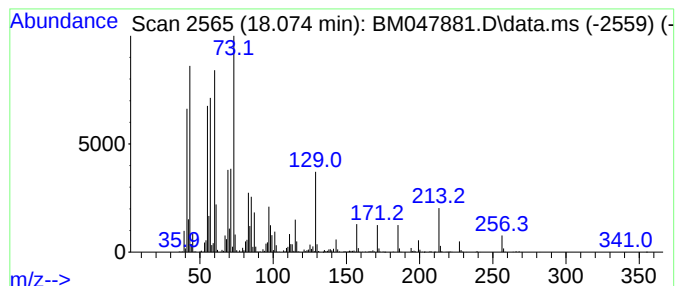
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 18.074 | 17.42 ng/ul | 2576190 | Phenanthrene-d10 | 17.174 |

| 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 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

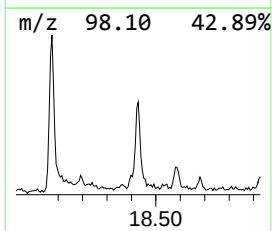
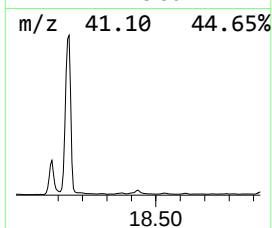
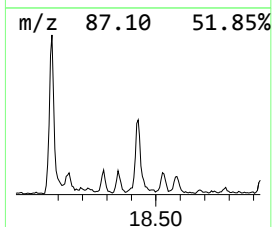
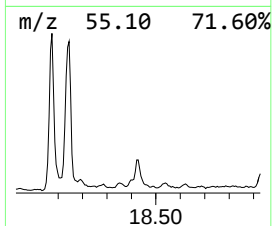
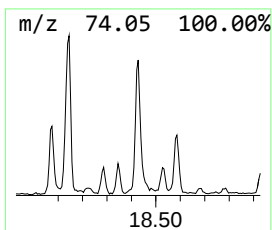
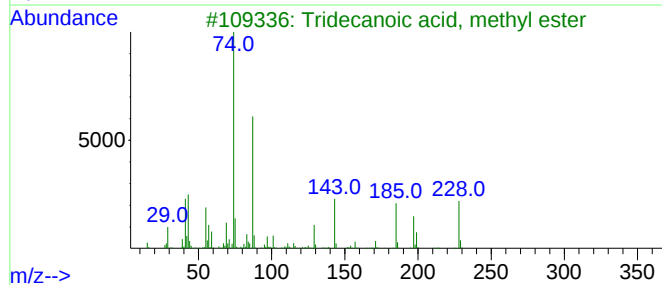
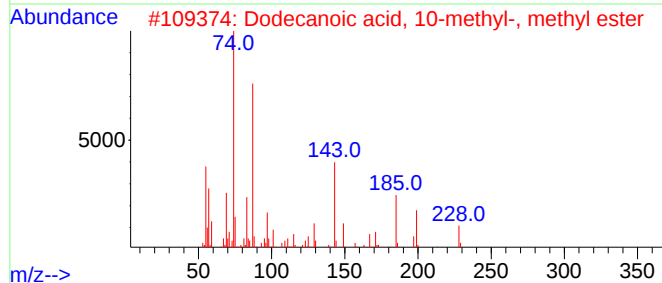
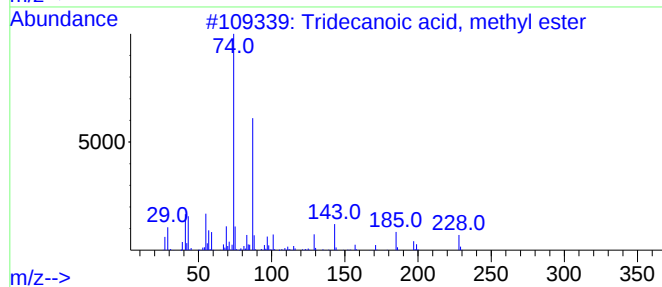
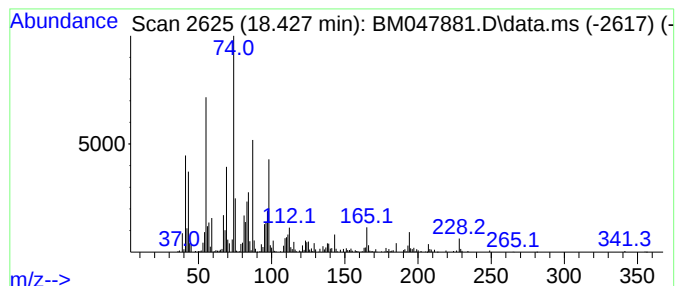
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Tridecanoic acid, methyl ester Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.427 | 3.19 ng/ul | 472109 | Phenanthrene-d10 | 17.174 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 64   |
| 2    |    |   | Dodecanoic acid, 10-methyl-, met... | 228 | C14H28O2 | 005129-65-7 | 50   |
| 3    |    |   | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 50   |
| 4    |    |   | Dodecanoic acid, 10-methyl-, met... | 228 | C14H28O2 | 005129-65-7 | 49   |
| 5    |    |   | Cyclopentaneundecanoic acid, met... | 268 | C17H32O2 | 025779-85-5 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

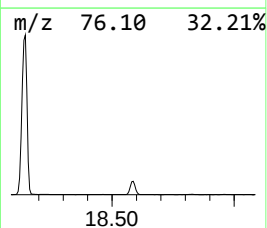
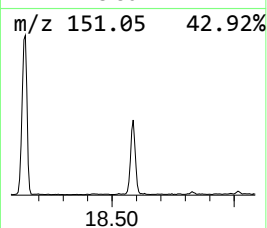
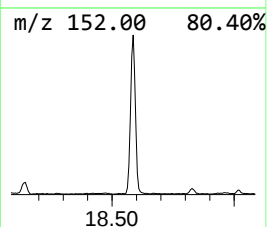
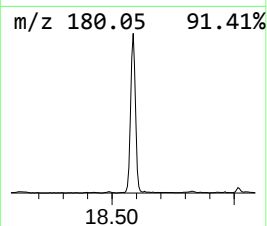
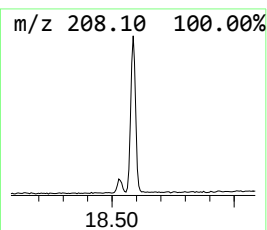
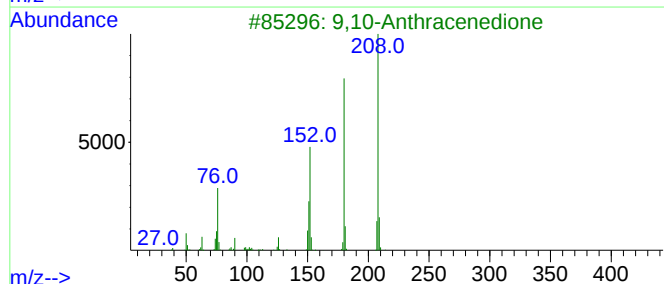
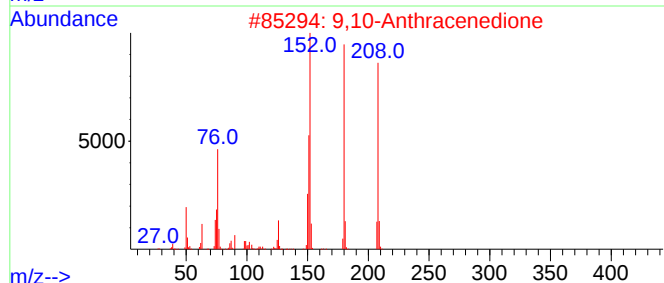
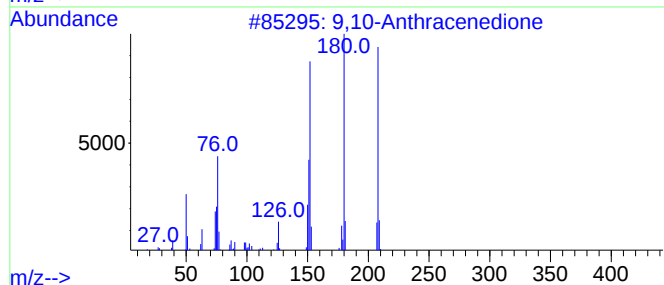
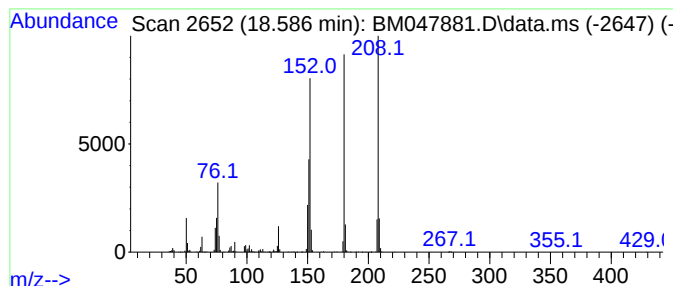
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 9,10-Anthracenedione Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.586 | 5.60 ng/ul | 827739 | Phenanthrene-d10 | 17.174 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|-----|---------|-------------|------|
| 1    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 98   |
| 2    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 98   |
| 3    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 94   |
| 4    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 94   |
| 5    | 9H-Fluoren-9-one     |   |              | 180 | C13H8O  | 000486-25-9 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

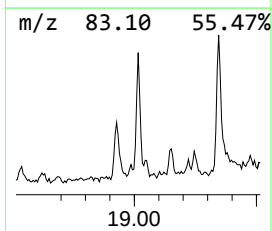
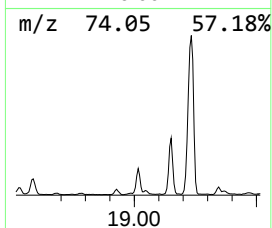
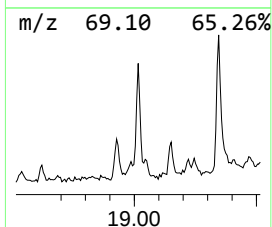
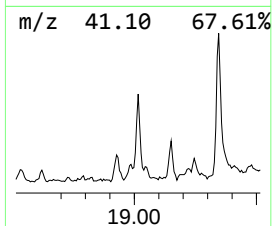
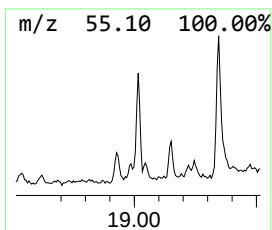
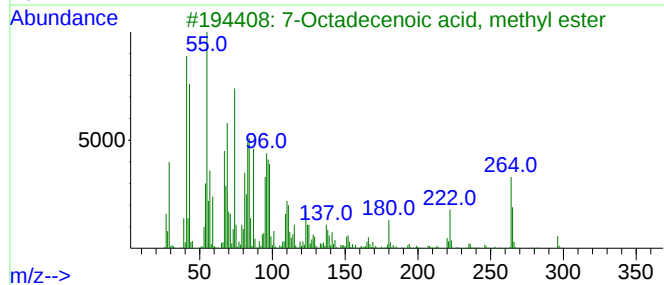
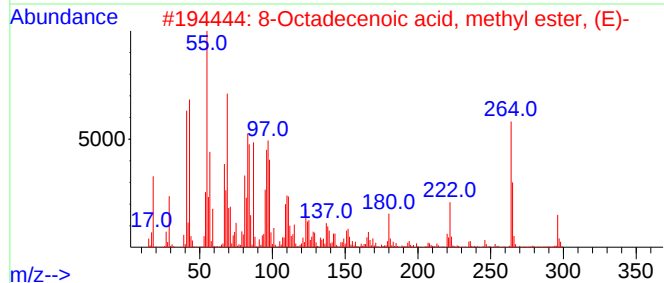
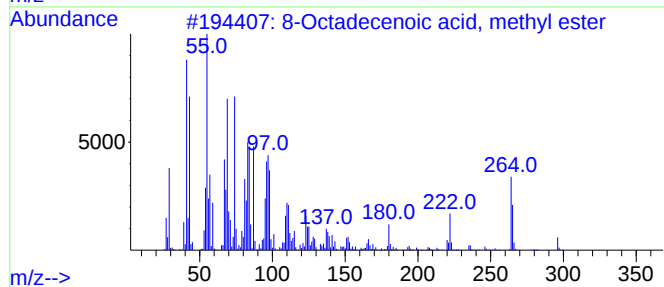
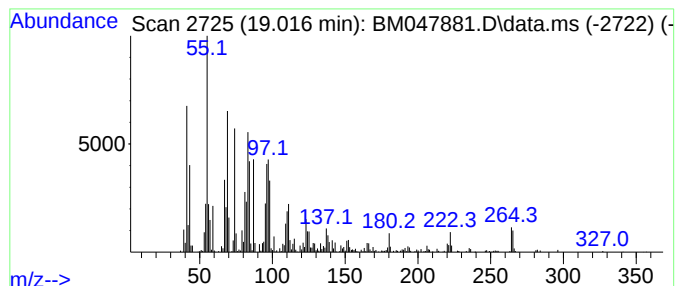
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 8-Octadecenoic acid, methyl... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.015 | 2.98 ng/ul | 440636 | Phenanthrene-d10 | 17.174 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 8-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 002345-29-1  | 99   |
| 2    |    |   | 8-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 026528-50-7  | 99   |
| 3    |    |   | 7-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 057396-98-2  | 99   |
| 4    |    |   | cis-13-Octadecenoic acid, methyl... | 296 | C19H36O2 | 1010333-58-3 | 99   |
| 5    |    |   | 10-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 013481-95-3  | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

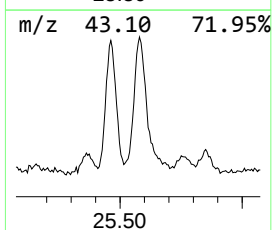
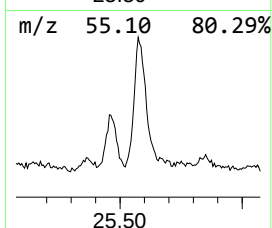
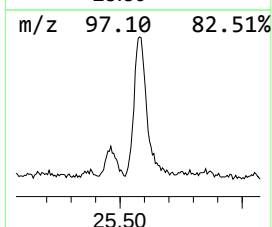
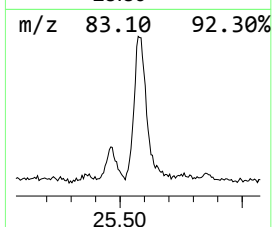
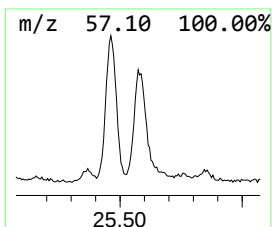
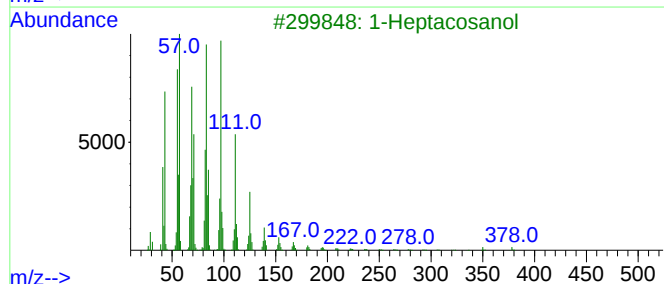
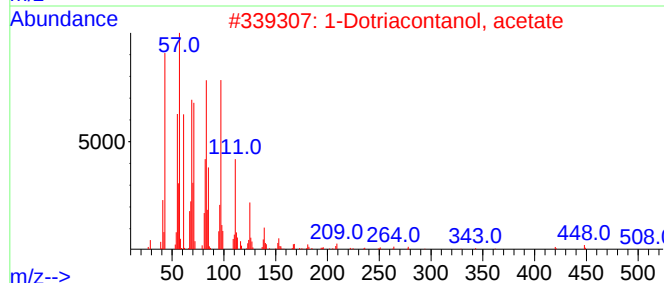
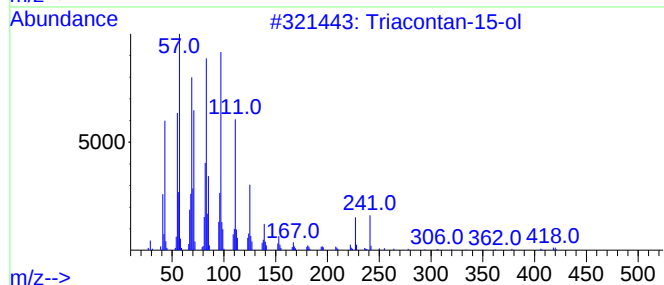
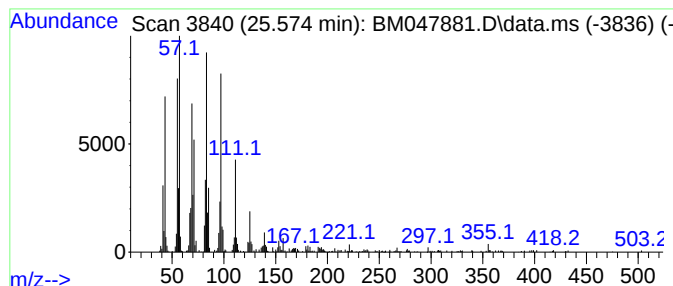
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Triacontan-15-ol Concentration Rank 3

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 25.574 | 8.49 ng/ul | 1463360 | Perylene-d12     | 24.403 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-----------------------------|-----|------------|--------------|------|
| 1    |    |   | Triacontan-15-ol            | 438 | C30H62O    | 031849-26-0  | 94   |
| 2    |    |   | 1-Dotriacontanol, acetate   | 509 | C34H68O2   | 023811-94-1  | 87   |
| 3    |    |   | 1-Heptacosanol              | 396 | C27H56O    | 002004-39-9  | 76   |
| 4    |    |   | Triacontyl acetate          | 480 | C32H64O2   | 041755-58-2  | 70   |
| 5    |    |   | Heptacosyl trifluoroacetate | 492 | C29H55F3O2 | 1000351-75-8 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
Data File : BM047881.D  
Acq On : 07 Oct 2024 11:19  
Operator : RC/JU  
Sample : P4109-13  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4E64

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |          |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|----------|------|
|                    |        |         |       |          | #                     | RT     | Resp     | Conc |
| Benzene, 1,4-di... | 8.152  | 18.6    | ng/ul | 14882900 | 1                     | 7.799  | 15983400 | 20.0 |
| 2,6,6-Trimethyl... | 9.828  | 5.1     | ng/ul | 541011   | 2                     | 10.593 | 2119280  | 20.0 |
| 1,1'-Biphenyl, ... | 15.727 | 2.9     | ng/ul | 375863   | 3                     | 14.434 | 2584090  | 20.0 |
| Undecanoic acid... | 16.963 | 4.0     | ng/ul | 593553   | 4                     | 17.174 | 2957100  | 20.0 |
| Pentadecanoic a... | 17.845 | 4.2     | ng/ul | 623351   | 4                     | 17.174 | 2957100  | 20.0 |
| n-Hexadecanoic ... | 18.074 | 17.4    | ng/ul | 2576190  | 4                     | 17.174 | 2957100  | 20.0 |
| Tridecanoic aci... | 18.427 | 3.2     | ng/ul | 472109   | 4                     | 17.174 | 2957100  | 20.0 |
| 9,10-Anthracene... | 18.586 | 5.6     | ng/ul | 827739   | 4                     | 17.174 | 2957100  | 20.0 |
| 8-Octadecenoic ... | 19.015 | 3.0     | ng/ul | 440636   | 4                     | 17.174 | 2957100  | 20.0 |
| Triacontan-15-ol   | 25.574 | 8.5     | ng/ul | 1463360  | 6                     | 24.403 | 3446060  | 20.0 |