

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111524\  
 Data File : BM048716.D  
 Acq On : 15 Nov 2024 19:48  
 Operator : RC/JU  
 Sample : P4751-14  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH9G7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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-BM110724.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM048716.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         | 3.087       | 30            | 34          | 40           | rVB      | 21924          | 30624         | 1.69%           | 0.147%        |
| 2         | 3.510       | 103           | 106         | 122          | rBV      | 120825         | 227958        | 12.55%          | 1.095%        |
| 3         | 3.822       | 155           | 159         | 164          | rVB4     | 5212           | 8870          | 0.49%           | 0.043%        |
| 4         | 4.287       | 235           | 238         | 241          | rVB4     | 3074           | 3243          | 0.18%           | 0.016%        |
| 5         | 5.616       | 461           | 464         | 466          | rBV4     | 1669           | 1844          | 0.10%           | 0.009%        |
| 6         | 5.669       | 470           | 473         | 477          | rBV6     | 1742           | 3058          | 0.17%           | 0.015%        |
| 7         | 6.298       | 577           | 580         | 585          | rVB4     | 2791           | 4017          | 0.22%           | 0.019%        |
| 8         | 6.445       | 601           | 605         | 608          | rBV5     | 1854           | 2813          | 0.15%           | 0.014%        |
| 9         | 6.522       | 615           | 618         | 621          | rBV4     | 1464           | 1985          | 0.11%           | 0.010%        |
| 10        | 6.592       | 627           | 630         | 633          | rBV3     | 1392           | 1872          | 0.10%           | 0.009%        |
| 11        | 6.804       | 660           | 666         | 683          | rBV      | 229348         | 440716        | 24.27%          | 2.117%        |
| 12        | 6.963       | 687           | 693         | 704          | rVV      | 211323         | 365788        | 20.14%          | 1.757%        |
| 13        | 7.039       | 704           | 706         | 708          | rVB3     | 2818           | 2503          | 0.14%           | 0.012%        |
| 14        | 7.157       | 720           | 726         | 738          | rBV      | 275699         | 465309        | 25.62%          | 2.236%        |
| 15        | 7.487       | 779           | 782         | 786          | rVB6     | 1936           | 2912          | 0.16%           | 0.014%        |
| 16        | 7.622       | 798           | 805         | 816          | rBV      | 392595         | 662740        | 36.49%          | 3.184%        |
| 17        | 8.157       | 892           | 896         | 899          | rBV3     | 2247           | 2334          | 0.13%           | 0.011%        |
| 18        | 8.345       | 921           | 928         | 946          | rBV      | 263661         | 507225        | 27.93%          | 2.437%        |
| 19        | 8.781       | 995           | 1002        | 1017         | rBV      | 237648         | 434562        | 23.93%          | 2.088%        |
| 20        | 8.951       | 1029          | 1031        | 1037         | rVB6     | 4899           | 8557          | 0.47%           | 0.041%        |
| 21        | 9.198       | 1070          | 1073        | 1077         | rVB4     | 3467           | 4126          | 0.23%           | 0.020%        |
| 22        | 9.369       | 1097          | 1102        | 1104         | rBV5     | 5363           | 7344          | 0.40%           | 0.035%        |
| 23        | 9.504       | 1118          | 1125        | 1137         | rBV      | 184556         | 346886        | 19.10%          | 1.667%        |
| 24        | 10.045      | 1210          | 1217        | 1241         | rBV      | 245308         | 544581        | 29.99%          | 2.616%        |
| 25        | 10.269      | 1251          | 1255        | 1256         | rBV3     | 2356           | 2515          | 0.14%           | 0.012%        |
| 26        | 10.404      | 1271          | 1278        | 1288         | rBV      | 531172         | 905925        | 49.89%          | 4.353%        |
| 27        | 10.475      | 1288          | 1290        | 1294         | rVB3     | 2916           | 2663          | 0.15%           | 0.013%        |
| 28        | 10.557      | 1297          | 1304        | 1324         | rBV      | 190097         | 515447        | 28.38%          | 2.476%        |
| 29        | 11.127      | 1399          | 1401        | 1405         | rVB5     | 1532           | 1958          | 0.11%           | 0.009%        |
| 30        | 11.951      | 1538          | 1541        | 1543         | rBV4     | 2241           | 2724          | 0.15%           | 0.013%        |
| 31        | 12.027      | 1548          | 1554        | 1560         | rVV5     | 3874           | 8196          | 0.45%           | 0.039%        |
| 32        | 12.174      | 1574          | 1579        | 1580         | rBV3     | 1899           | 2258          | 0.12%           | 0.011%        |
| 33        | 12.921      | 1702          | 1706        | 1710         | rVB6     | 1497           | 1934          | 0.11%           | 0.009%        |
| 34        | 12.963      | 1710          | 1713        | 1717         | rBV4     | 1390           | 2173          | 0.12%           | 0.010%        |
| 35        | 13.104      | 1733          | 1737        | 1743         | rVV4     | 2608           | 4348          | 0.24%           | 0.021%        |
| 36        | 13.692      | 1831          | 1837        | 1853         | rBV      | 555598         | 834226        | 45.94%          | 4.008%        |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH9G7

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-BM110724.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |        |         |        |        |
|----|--------|------|------|------|-------|--------|---------|--------|--------|
| 37 | 13.810 | 1853 | 1857 | 1860 | rVB4  | 2058   | 2766    | 0.15%  | 0.013% |
| 38 | 13.968 | 1874 | 1884 | 1900 | rBV   | 672179 | 1030933 | 56.77% | 4.953% |
| 39 | 14.180 | 1917 | 1920 | 1927 | rVB6  | 3947   | 7323    | 0.40%  | 0.035% |
| 40 | 14.274 | 1930 | 1936 | 1945 | rBV   | 792568 | 1156342 | 63.68% | 5.556% |
| 41 | 14.521 | 1973 | 1978 | 1997 | rBV   | 67536  | 222460  | 12.25% | 1.069% |
| 42 | 14.804 | 2022 | 2026 | 2028 | rVB5  | 1480   | 2217    | 0.12%  | 0.011% |
| 43 | 14.868 | 2034 | 2037 | 2042 | rVV4  | 1938   | 2923    | 0.16%  | 0.014% |
| 44 | 14.933 | 2046 | 2048 | 2051 | rBV2  | 1889   | 2014    | 0.11%  | 0.010% |
| 45 | 15.139 | 2080 | 2083 | 2087 | rVB5  | 2714   | 3336    | 0.18%  | 0.016% |
| 46 | 15.274 | 2096 | 2106 | 2118 | rBV   | 863510 | 1282070 | 70.60% | 6.160% |
| 47 | 15.410 | 2124 | 2129 | 2144 | rBV   | 156856 | 265176  | 14.60% | 1.274% |
| 48 | 15.515 | 2144 | 2147 | 2152 | rVB5  | 4791   | 6771    | 0.37%  | 0.033% |
| 49 | 15.645 | 2163 | 2169 | 2178 | rBV   | 142895 | 206176  | 11.35% | 0.991% |
| 50 | 15.804 | 2193 | 2196 | 2199 | rBV3  | 1641   | 2692    | 0.15%  | 0.013% |
| 51 | 15.839 | 2199 | 2202 | 2207 | rBV5  | 2077   | 3364    | 0.19%  | 0.016% |
| 52 | 15.992 | 2226 | 2228 | 2231 | rBV4  | 2214   | 2986    | 0.16%  | 0.014% |
| 53 | 16.204 | 2259 | 2264 | 2270 | rVV2  | 14472  | 21615   | 1.19%  | 0.104% |
| 54 | 16.521 | 2312 | 2318 | 2320 | rBV5  | 2005   | 3274    | 0.18%  | 0.016% |
| 55 | 16.804 | 2362 | 2366 | 2367 | rBV4  | 2411   | 2651    | 0.15%  | 0.013% |
| 56 | 16.945 | 2386 | 2390 | 2391 | rBV3  | 2094   | 2566    | 0.14%  | 0.012% |
| 57 | 17.021 | 2397 | 2403 | 2414 | rBV   | 941449 | 1350965 | 74.39% | 6.491% |
| 58 | 17.121 | 2414 | 2420 | 2434 | rVV   | 839121 | 1336806 | 73.61% | 6.423% |
| 59 | 17.245 | 2438 | 2441 | 2450 | rVV10 | 6756   | 12585   | 0.69%  | 0.060% |
| 60 | 17.321 | 2450 | 2454 | 2457 | rVB4  | 4324   | 6706    | 0.37%  | 0.032% |
| 61 | 17.362 | 2457 | 2461 | 2463 | rBV3  | 1825   | 2629    | 0.14%  | 0.013% |
| 62 | 17.533 | 2486 | 2490 | 2493 | rBV5  | 2977   | 3211    | 0.18%  | 0.015% |
| 63 | 17.662 | 2509 | 2512 | 2514 | rBV4  | 1581   | 2010    | 0.11%  | 0.010% |
| 64 | 17.809 | 2533 | 2537 | 2538 | rBV4  | 1867   | 2511    | 0.14%  | 0.012% |
| 65 | 17.868 | 2543 | 2547 | 2551 | rBV5  | 6103   | 8293    | 0.46%  | 0.040% |
| 66 | 17.927 | 2551 | 2557 | 2567 | rBV   | 141895 | 237900  | 13.10% | 1.143% |
| 67 | 18.221 | 2605 | 2607 | 2612 | rVB5  | 8478   | 7676    | 0.42%  | 0.037% |
| 68 | 18.356 | 2626 | 2630 | 2631 | rBV4  | 4633   | 4403    | 0.24%  | 0.021% |
| 69 | 18.421 | 2639 | 2641 | 2643 | rBV3  | 2208   | 2284    | 0.13%  | 0.011% |
| 70 | 18.562 | 2663 | 2665 | 2667 | rBV3  | 2430   | 2099    | 0.12%  | 0.010% |
| 71 | 18.774 | 2696 | 2701 | 2706 | rBV5  | 13861  | 27626   | 1.52%  | 0.133% |
| 72 | 18.856 | 2712 | 2715 | 2717 | rBV4  | 4281   | 5019    | 0.28%  | 0.024% |
| 73 | 18.986 | 2733 | 2737 | 2741 | rBV3  | 13355  | 17163   | 0.95%  | 0.082% |
| 74 | 19.056 | 2746 | 2749 | 2752 | rBV   | 10003  | 14385   | 0.79%  | 0.069% |
| 75 | 19.086 | 2752 | 2754 | 2758 | rVV3  | 6121   | 8696    | 0.48%  | 0.042% |
| 76 | 19.209 | 2771 | 2775 | 2786 | rBV3  | 45246  | 78874   | 4.34%  | 0.379% |

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH9G7

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-BM110724.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 19.421 | 2805 | 2811 | 2819 | rBV  | 1192301 | 1710865 | 94.21%  | 8.220% |
| 78 | 20.115 | 2927 | 2929 | 2933 | rVB4 | 18066   | 16622   | 0.92%   | 0.080% |
| 79 | 20.939 | 3065 | 3069 | 3079 | rVB3 | 105256  | 195968  | 10.79%  | 0.942% |
| 80 | 21.250 | 3116 | 3122 | 3136 | rBV  | 973368  | 1587099 | 87.40%  | 7.625% |
| 81 | 23.932 | 3570 | 3578 | 3590 | rBV  | 733926  | 1759359 | 96.88%  | 8.453% |
| 82 | 24.132 | 3604 | 3612 | 3630 | rVB  | 717559  | 1815980 | 100.00% | 8.725% |

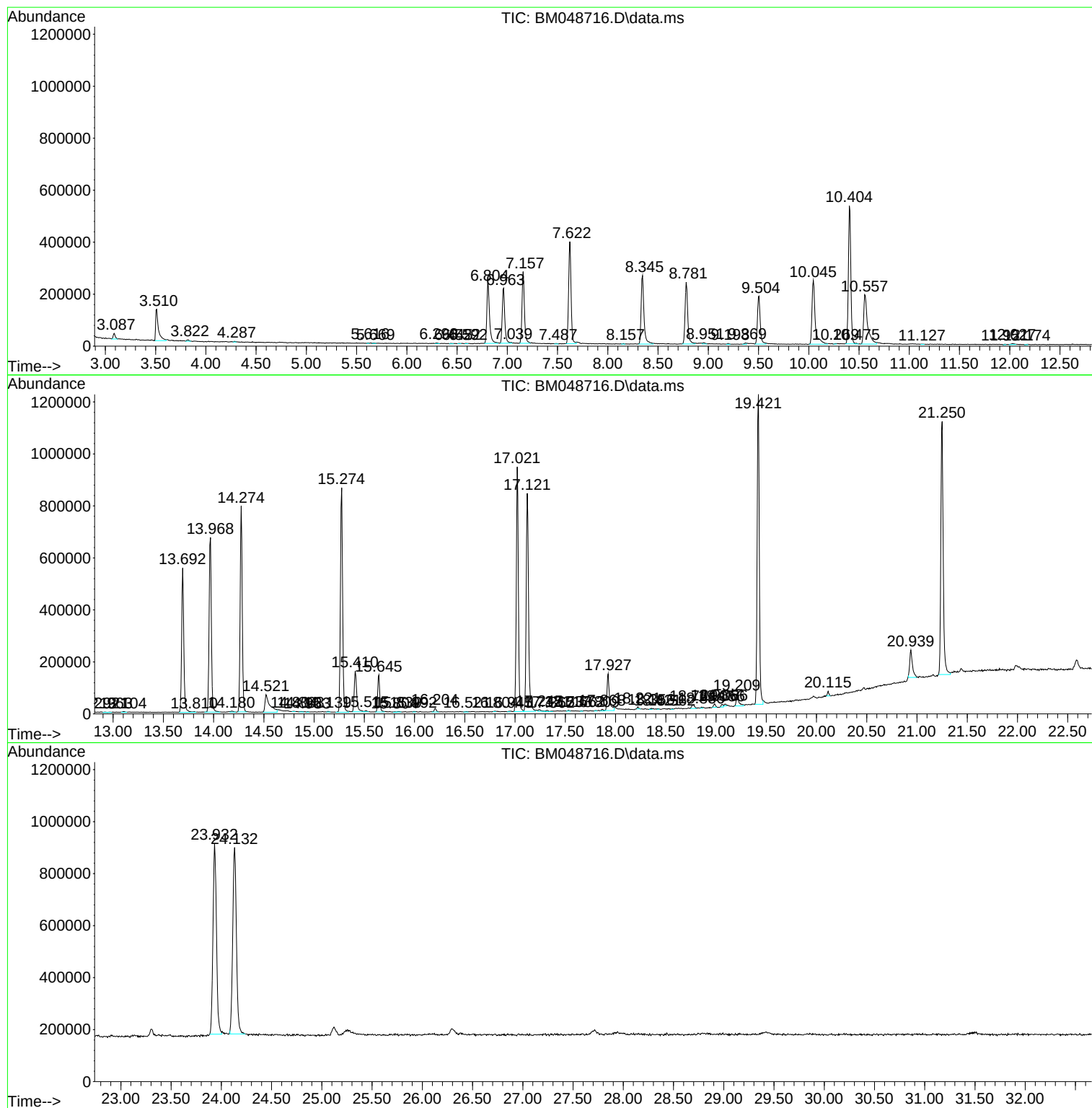
Sum of corrected areas: 20813623

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111524\  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.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\BM111524\  
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Sample : P4751-14  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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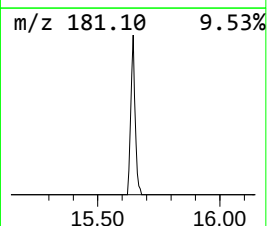
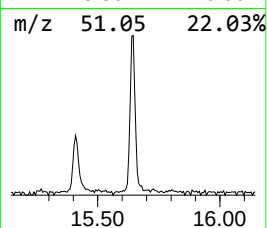
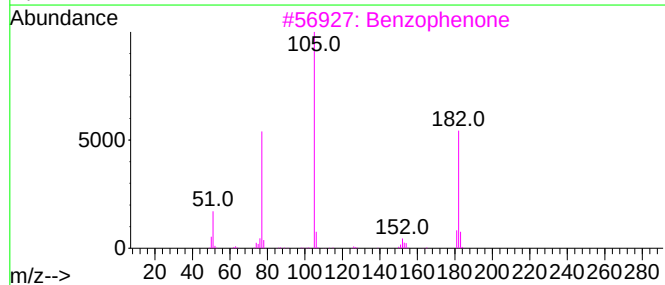
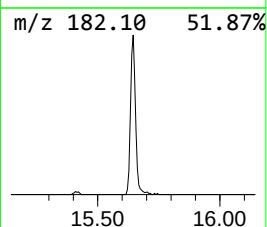
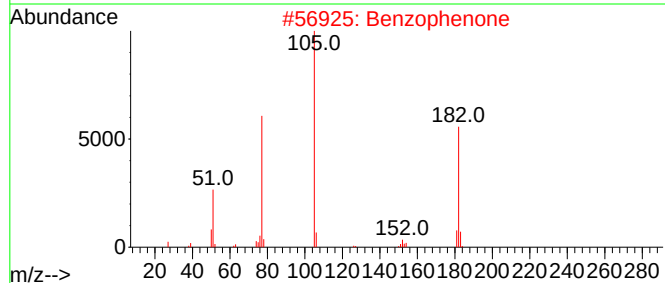
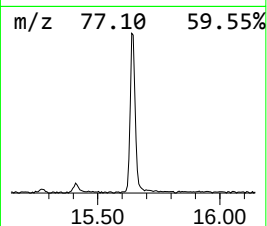
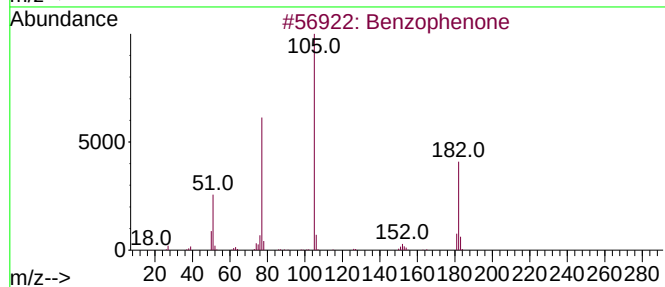
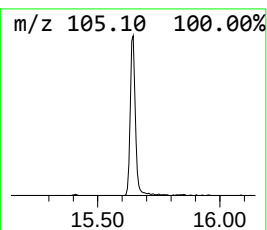
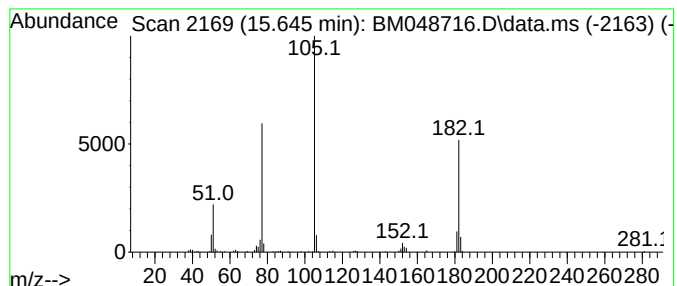
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.645 | 3.57 ng/ul | 206176 | Acenaphthene-d10 | 14.274 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 96   |
| 3    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 95   |
| 4    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 91   |
| 5    |    |   | Benzophenone | 182 | C13H10O | 000119-61-9 | 90   |



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Instrument :  
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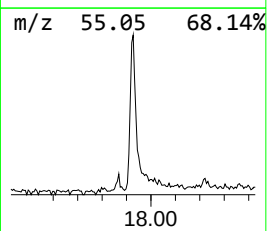
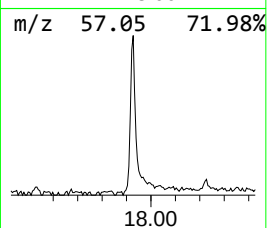
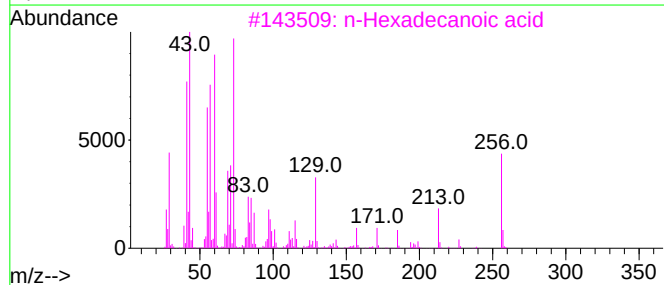
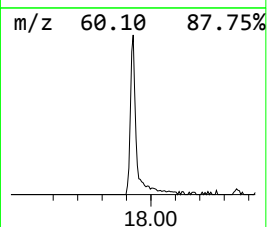
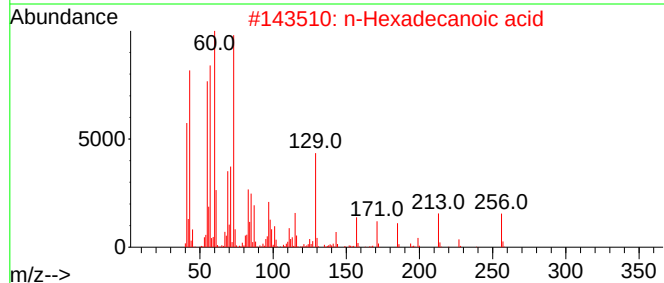
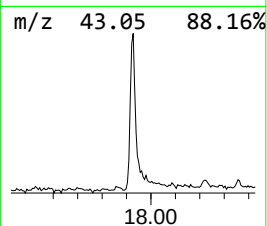
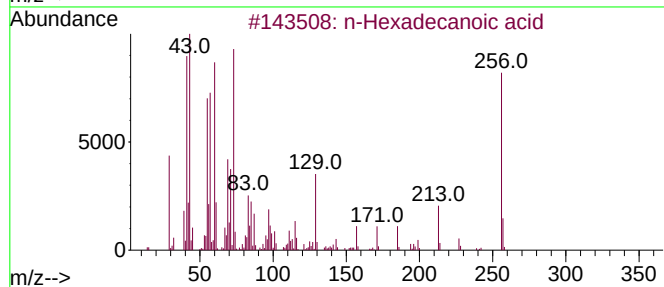
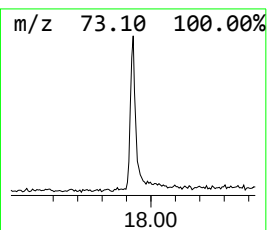
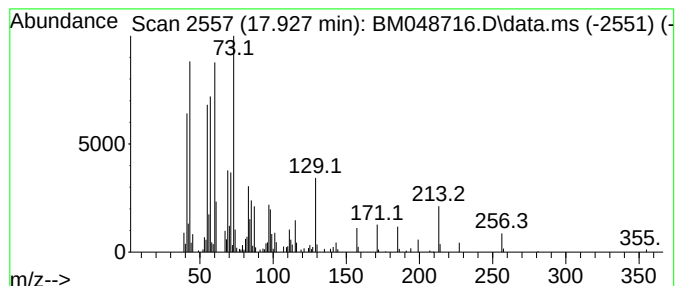
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.927 | 3.52 ng/ul | 237900 | Phenanthrene-d10 | 17.021 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

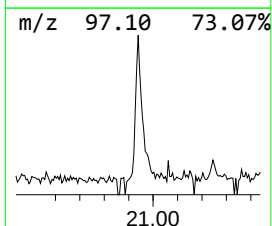
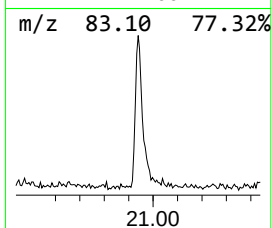
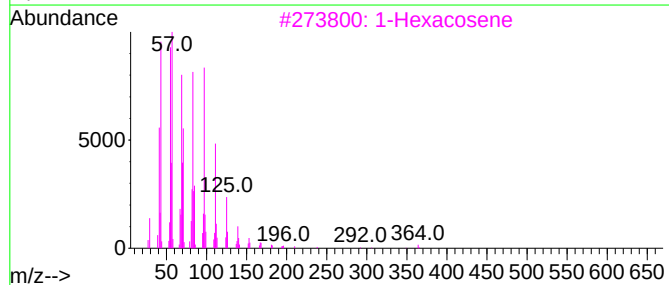
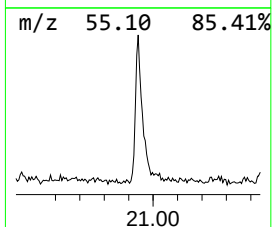
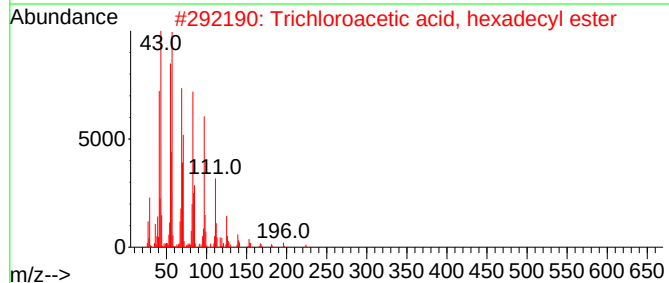
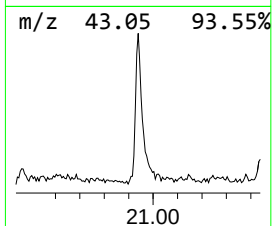
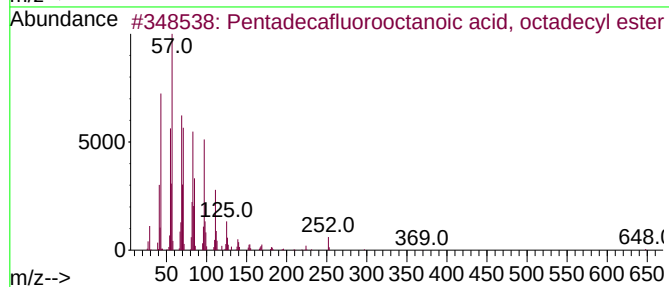
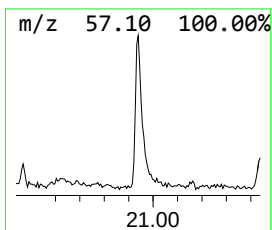
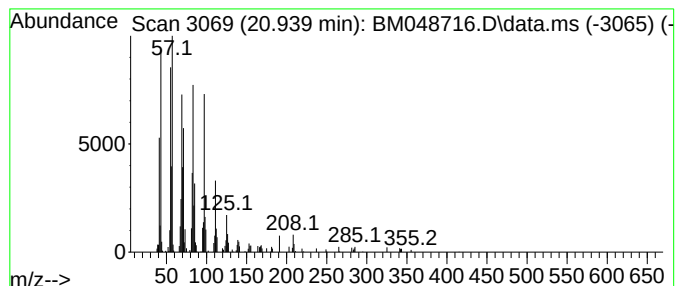
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.939 | 2.47 ng/ul | 195968 | Chrysene-d12     | 21.250 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 95   |
| 2    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 94   |
| 3    |    |   | 1-Hexacosene                        | 364 | C26H52      | 018835-33-1  | 94   |
| 4    |    |   | Pentacos-1-ene                      | 350 | C25H50      | 016980-85-1  | 94   |
| 5    |    |   | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2  | 006385-15-5  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111524\  
Data File : BM048716.D  
Acq On : 15 Nov 2024 19:48  
Operator : RC/JU  
Sample : P4751-14  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH9G7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.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 |
| Benzophenone       | 15.645 | 3.6     | ng/ul | 206176   | 3                     | 14.274 | 1156340 | 20.0 |
| n-Hexadecanoic ... | 17.927 | 3.5     | ng/ul | 237900   | 4                     | 17.021 | 1350970 | 20.0 |
| Pentadecafluoro... | 20.939 | 2.5     | ng/ul | 195968   | 5                     | 21.250 | 1587100 | 20.0 |