

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111524\  
 Data File : BM048732.D  
 Acq On : 16 Nov 2024 07:01  
 Operator : RC/JU  
 Sample : P4751-23  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH9G4

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

Signal : TIC: BM048732.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          | 42           | rVB      | 21996          | 31995         | 1.40%           | 0.124%        |
| 2         | 3.504       | 101           | 105         | 119          | rBV      | 210821         | 349378        | 15.32%          | 1.358%        |
| 3         | 3.816       | 155           | 158         | 162          | rVB3     | 5914           | 8177          | 0.36%           | 0.032%        |
| 4         | 5.140       | 381           | 383         | 388          | rVB4     | 1817           | 2589          | 0.11%           | 0.010%        |
| 5         | 5.204       | 392           | 394         | 398          | rVB5     | 2120           | 2878          | 0.13%           | 0.011%        |
| 6         | 6.804       | 660           | 666         | 682          | rBV      | 297972         | 539384        | 23.65%          | 2.097%        |
| 7         | 6.957       | 686           | 692         | 703          | rBV      | 257375         | 428342        | 18.78%          | 1.665%        |
| 8         | 7.157       | 719           | 726         | 740          | rBV      | 327891         | 561083        | 24.60%          | 2.181%        |
| 9         | 7.428       | 769           | 772         | 776          | rBV4     | 1807           | 3444          | 0.15%           | 0.013%        |
| 10        | 7.539       | 790           | 791         | 795          | rVB3     | 2292           | 3070          | 0.13%           | 0.012%        |
| 11        | 7.622       | 798           | 805         | 813          | rBV      | 433646         | 724102        | 31.75%          | 2.815%        |
| 12        | 7.834       | 840           | 841         | 848          | rVB6     | 2537           | 4278          | 0.19%           | 0.017%        |
| 13        | 7.904       | 851           | 853         | 858          | rBV4     | 1565           | 2420          | 0.11%           | 0.009%        |
| 14        | 8.339       | 921           | 927         | 938          | rBV      | 340247         | 624457        | 27.38%          | 2.428%        |
| 15        | 8.781       | 995           | 1002        | 1015         | rBV      | 293149         | 525220        | 23.03%          | 2.042%        |
| 16        | 8.945       | 1029          | 1030        | 1038         | rVB6     | 4471           | 7458          | 0.33%           | 0.029%        |
| 17        | 9.198       | 1069          | 1073        | 1076         | rVV4     | 2603           | 4071          | 0.18%           | 0.016%        |
| 18        | 9.369       | 1096          | 1102        | 1110         | rBV6     | 8988           | 21331         | 0.94%           | 0.083%        |
| 19        | 9.498       | 1118          | 1124        | 1136         | rBV      | 243781         | 430602        | 18.88%          | 1.674%        |
| 20        | 9.839       | 1180          | 1182        | 1188         | rVB4     | 1645           | 2751          | 0.12%           | 0.011%        |
| 21        | 9.939       | 1197          | 1199        | 1203         | rVB3     | 1871           | 2317          | 0.10%           | 0.009%        |
| 22        | 10.039      | 1210          | 1216        | 1235         | rBV      | 341409         | 682435        | 29.92%          | 2.653%        |
| 23        | 10.175      | 1237          | 1239        | 1242         | rVB3     | 2810           | 2533          | 0.11%           | 0.010%        |
| 24        | 10.404      | 1271          | 1278        | 1288         | rBV      | 616070         | 1026842       | 45.02%          | 3.992%        |
| 25        | 10.557      | 1297          | 1304        | 1324         | rBV      | 275313         | 668532        | 29.31%          | 2.599%        |
| 26        | 11.280      | 1425          | 1427        | 1431         | rVB4     | 1877           | 2759          | 0.12%           | 0.011%        |
| 27        | 11.698      | 1495          | 1498        | 1502         | rBV5     | 1852           | 2675          | 0.12%           | 0.010%        |
| 28        | 11.851      | 1520          | 1524        | 1530         | rVB5     | 2528           | 4057          | 0.18%           | 0.016%        |
| 29        | 12.027      | 1549          | 1554        | 1558         | rBV3     | 3769           | 6072          | 0.27%           | 0.024%        |
| 30        | 12.886      | 1695          | 1700        | 1704         | rBV6     | 2143           | 3089          | 0.14%           | 0.012%        |
| 31        | 13.098      | 1731          | 1736        | 1741         | rBV5     | 5089           | 9160          | 0.40%           | 0.036%        |
| 32        | 13.245      | 1758          | 1761        | 1766         | rBV6     | 1685           | 3293          | 0.14%           | 0.013%        |
| 33        | 13.692      | 1831          | 1837        | 1853         | rVV      | 671979         | 1014844       | 44.49%          | 3.945%        |
| 34        | 13.963      | 1876          | 1883        | 1903         | rBV      | 843267         | 1301046       | 57.04%          | 5.058%        |
| 35        | 14.180      | 1915          | 1920        | 1926         | rVB4     | 6710           | 10712         | 0.47%           | 0.042%        |
| 36        | 14.274      | 1930          | 1936        | 1945         | rBV      | 917832         | 1307158       | 57.31%          | 5.082%        |

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 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH9G4

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 | 14.521 | 1972 | 1978 | 2000 | rBV2 | 84815   | 283940  | 12.45% | 1.104% |
| 38 | 14.715 | 2009 | 2011 | 2019 | rVB7 | 5834    | 9575    | 0.42%  | 0.037% |
| 39 | 15.080 | 2070 | 2073 | 2078 | rVV7 | 3127    | 5839    | 0.26%  | 0.023% |
| 40 | 15.133 | 2078 | 2082 | 2089 | rVB5 | 5780    | 10290   | 0.45%  | 0.040% |
| 41 | 15.268 | 2099 | 2105 | 2115 | rBV  | 1061912 | 1588702 | 69.66% | 6.176% |
| 42 | 15.410 | 2124 | 2129 | 2140 | rBV  | 155370  | 248630  | 10.90% | 0.967% |
| 43 | 15.515 | 2143 | 2147 | 2151 | rVB5 | 4570    | 7917    | 0.35%  | 0.031% |
| 44 | 15.639 | 2162 | 2168 | 2176 | rBV  | 207325  | 297420  | 13.04% | 1.156% |
| 45 | 15.839 | 2196 | 2202 | 2203 | rBV5 | 2374    | 4115    | 0.18%  | 0.016% |
| 46 | 15.998 | 2224 | 2229 | 2233 | rBV3 | 5644    | 7583    | 0.33%  | 0.029% |
| 47 | 16.210 | 2260 | 2265 | 2270 | rVB6 | 4265    | 7288    | 0.32%  | 0.028% |
| 48 | 16.451 | 2301 | 2306 | 2311 | rBV7 | 1537    | 3489    | 0.15%  | 0.014% |
| 49 | 16.580 | 2324 | 2328 | 2329 | rVV4 | 3450    | 4314    | 0.19%  | 0.017% |
| 50 | 16.598 | 2329 | 2331 | 2334 | rVB4 | 2948    | 2860    | 0.13%  | 0.011% |
| 51 | 16.792 | 2360 | 2364 | 2370 | rBV6 | 5725    | 10028   | 0.44%  | 0.039% |
| 52 | 16.839 | 2370 | 2372 | 2377 | rVB4 | 2409    | 3031    | 0.13%  | 0.012% |
| 53 | 16.957 | 2388 | 2392 | 2394 | rBV4 | 2655    | 3572    | 0.16%  | 0.014% |
| 54 | 17.021 | 2396 | 2403 | 2408 | rBV  | 1100955 | 1520089 | 66.65% | 5.909% |
| 55 | 17.062 | 2408 | 2410 | 2414 | rVV  | 51686   | 62339   | 2.73%  | 0.242% |
| 56 | 17.121 | 2414 | 2420 | 2431 | rVV  | 1034968 | 1559206 | 68.36% | 6.061% |
| 57 | 17.239 | 2435 | 2440 | 2446 | rVV8 | 12806   | 25764   | 1.13%  | 0.100% |
| 58 | 17.309 | 2450 | 2452 | 2458 | rVB6 | 3526    | 5107    | 0.22%  | 0.020% |
| 59 | 17.415 | 2468 | 2470 | 2472 | rVV3 | 2810    | 2824    | 0.12%  | 0.011% |
| 60 | 17.456 | 2474 | 2477 | 2482 | rVB5 | 3594    | 6004    | 0.26%  | 0.023% |
| 61 | 17.527 | 2486 | 2489 | 2493 | rVV2 | 5021    | 6309    | 0.28%  | 0.025% |
| 62 | 17.698 | 2516 | 2518 | 2522 | rVB4 | 1848    | 2661    | 0.12%  | 0.010% |
| 63 | 17.798 | 2532 | 2535 | 2537 | rBV3 | 2209    | 3044    | 0.13%  | 0.012% |
| 64 | 17.927 | 2551 | 2557 | 2566 | rBV  | 217354  | 347946  | 15.26% | 1.353% |
| 65 | 18.098 | 2582 | 2586 | 2590 | rBV4 | 9523    | 14005   | 0.61%  | 0.054% |
| 66 | 18.221 | 2601 | 2607 | 2610 | rBV3 | 11804   | 20512   | 0.90%  | 0.080% |
| 67 | 18.262 | 2611 | 2614 | 2620 | rVB5 | 6619    | 13335   | 0.58%  | 0.052% |
| 68 | 18.351 | 2627 | 2629 | 2635 | rVB7 | 6201    | 9372    | 0.41%  | 0.036% |
| 69 | 18.415 | 2635 | 2640 | 2643 | rBV7 | 6418    | 11163   | 0.49%  | 0.043% |
| 70 | 18.592 | 2668 | 2670 | 2675 | rBV6 | 3107    | 5839    | 0.26%  | 0.023% |
| 71 | 18.768 | 2698 | 2700 | 2704 | rVB4 | 6375    | 7088    | 0.31%  | 0.028% |
| 72 | 18.833 | 2704 | 2711 | 2712 | rBV6 | 15421   | 21004   | 0.92%  | 0.082% |
| 73 | 18.980 | 2732 | 2736 | 2741 | rVB4 | 19123   | 30553   | 1.34%  | 0.119% |
| 74 | 19.015 | 2741 | 2742 | 2745 | rBV3 | 4390    | 3258    | 0.14%  | 0.013% |
| 75 | 19.086 | 2745 | 2754 | 2763 | rBV  | 117786  | 198712  | 8.71%  | 0.772% |
| 76 | 19.209 | 2771 | 2775 | 2784 | rBV2 | 64069   | 97713   | 4.28%  | 0.380% |

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Sample : P4751-23  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH9G4

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 | 19.415 | 2805 | 2810 | 2820 | rBV  | 1509574 | 2280808 | 100.00% | 8.867% |
| 78 | 20.939 | 3065 | 3069 | 3079 | rVB2 | 147076  | 254970  | 11.18%  | 0.991% |
| 79 | 21.244 | 3115 | 3121 | 3127 | rBV2 | 1221916 | 1923502 | 84.33%  | 7.478% |
| 80 | 23.933 | 3570 | 3578 | 3587 | rBV  | 954326  | 2230971 | 97.81%  | 8.673% |
| 81 | 24.133 | 3603 | 3612 | 3630 | rVB  | 878882  | 2236302 | 98.05%  | 8.694% |

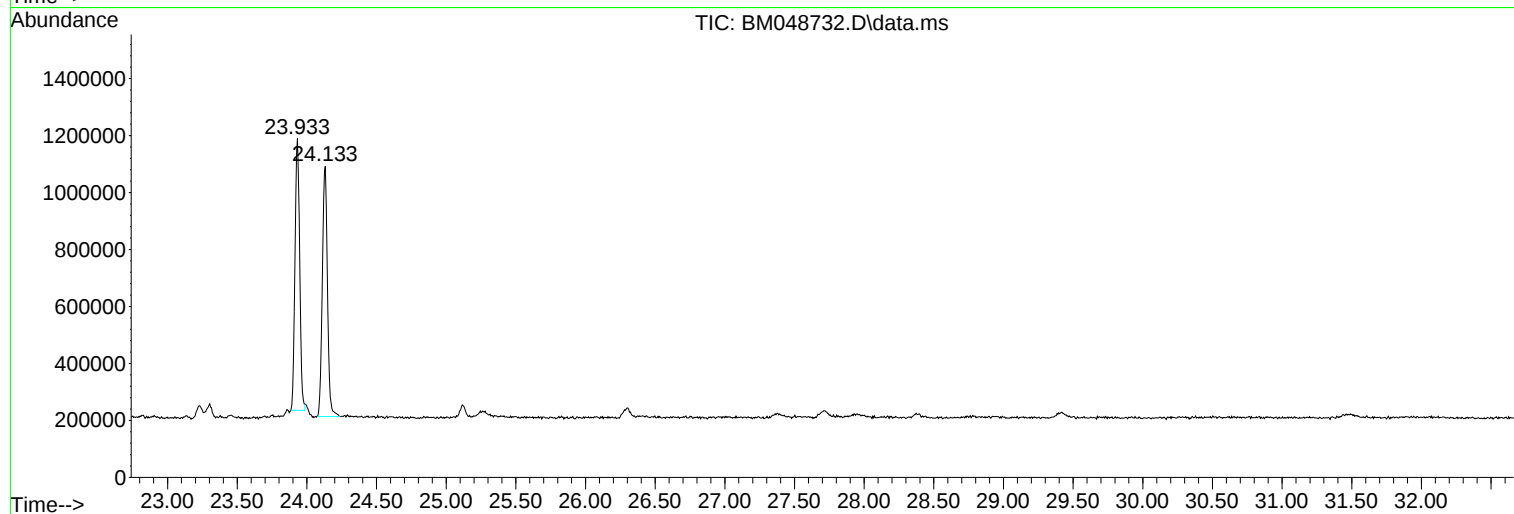
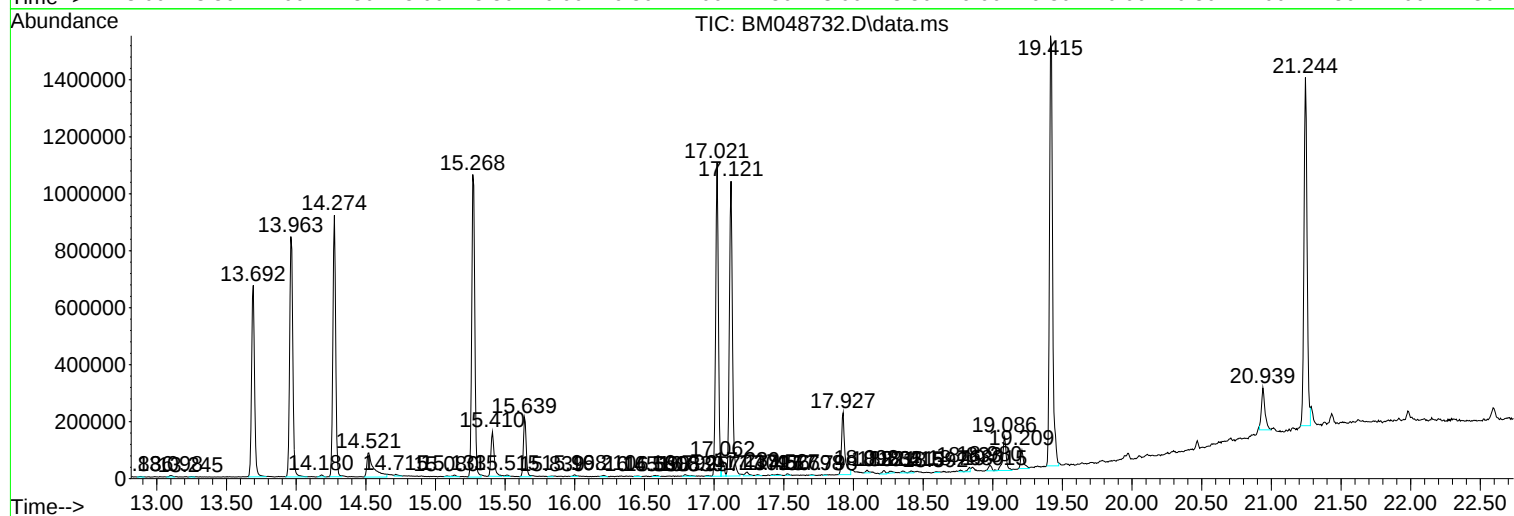
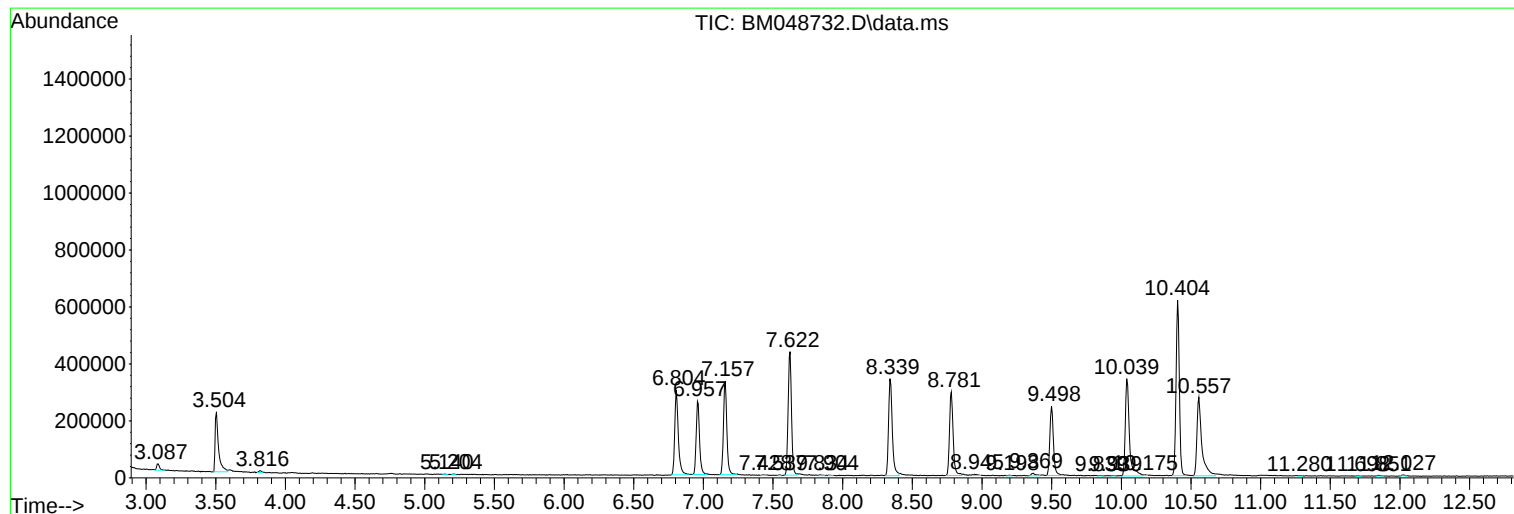
Sum of corrected areas: 25723547

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111524\  
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Instrument :  
BNA\_M  
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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\  
Data File : BM048732.D  
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Operator : RC/JU  
Sample : P4751-23  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH9G4

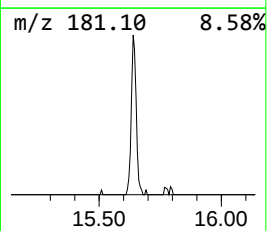
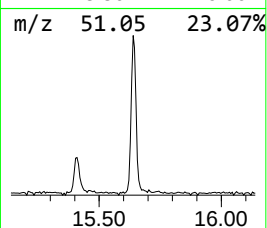
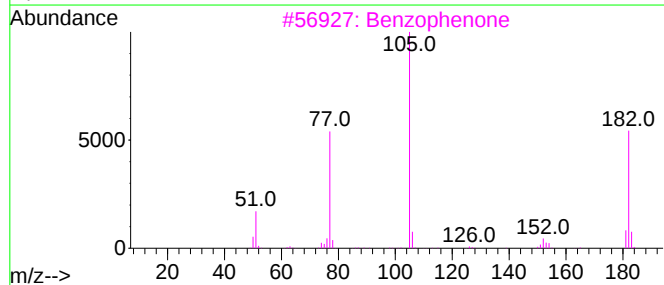
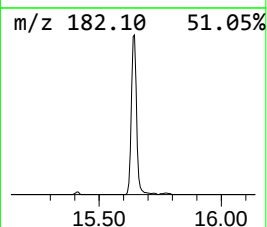
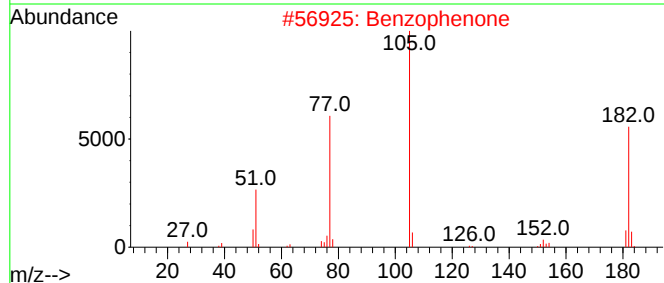
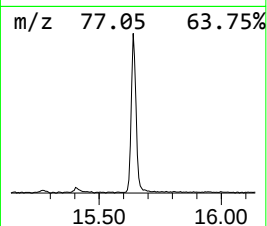
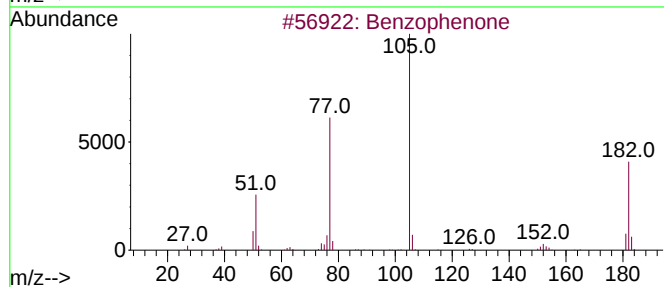
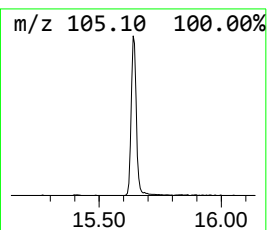
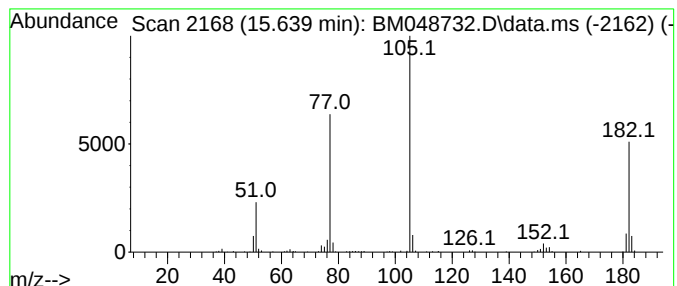
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzophenone Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.639 | 4.55 ng/ul | 297420 | 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 | 93   |
| 5    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS  | 005925-68-8 | 50   |



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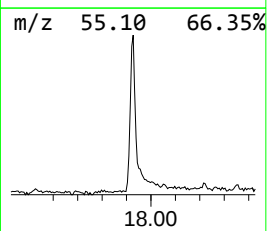
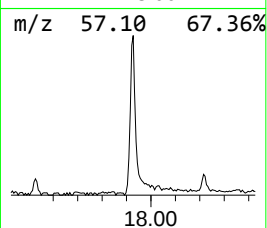
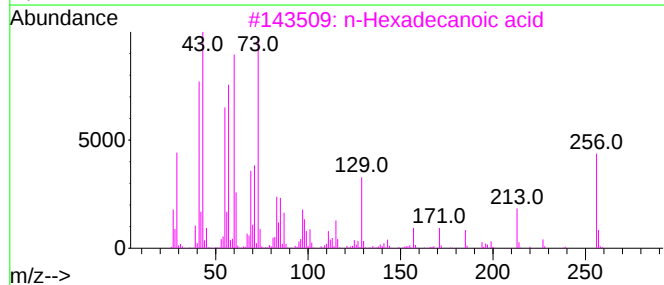
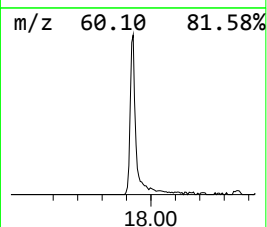
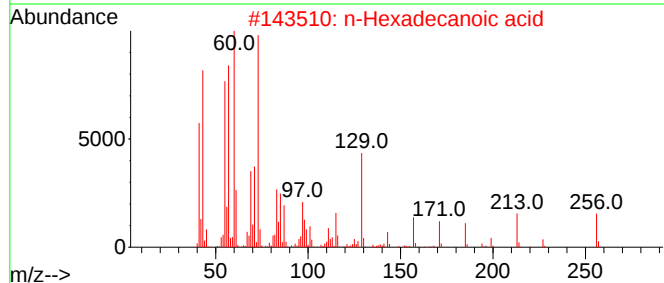
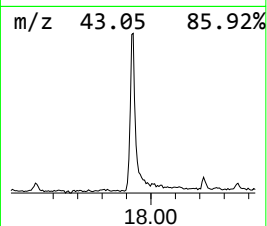
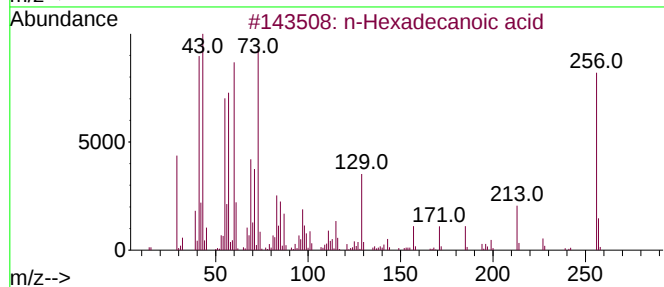
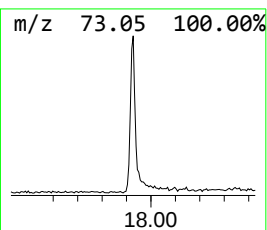
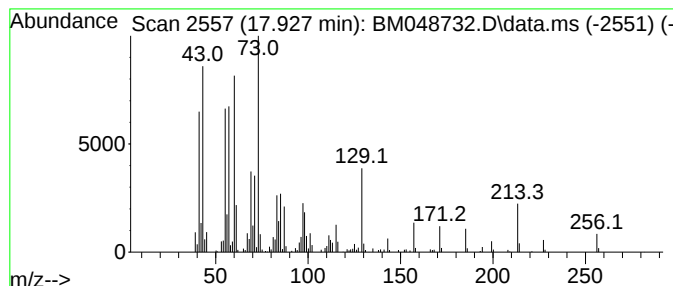
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.927 | 4.58 ng/ul | 347946 | Phenanthrene-d10 | 17.021 |

| 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |



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Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH9G4

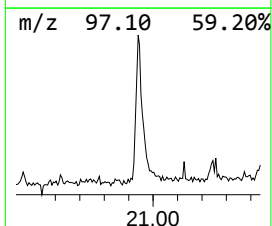
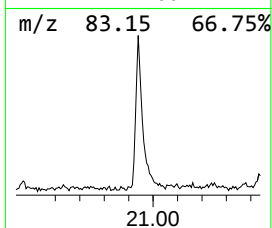
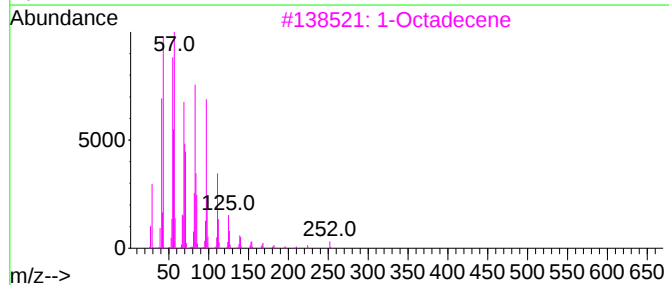
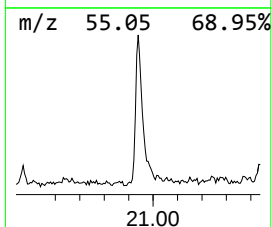
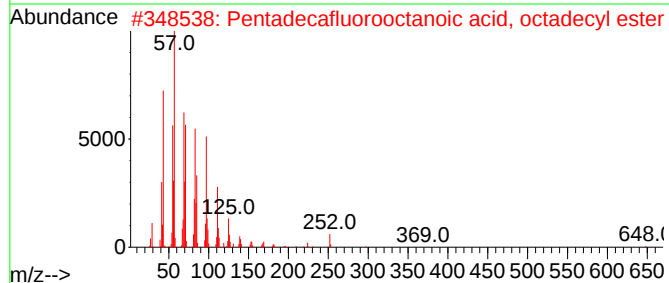
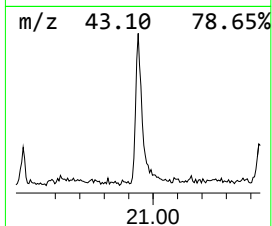
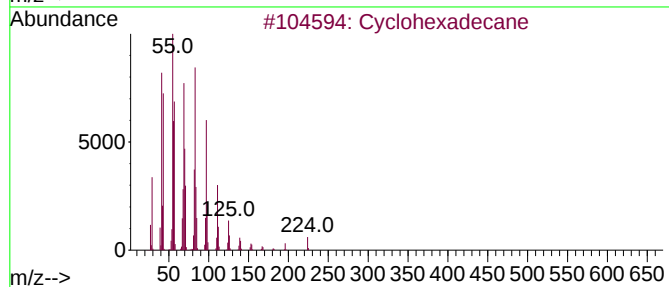
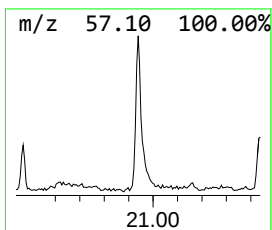
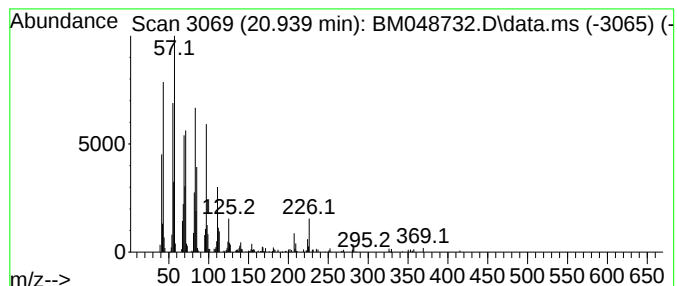
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic20.939 Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.939 | 2.65 ng/ul | 254970 | Chrysene-d12     | 21.244 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Cyclohexadecane                     | 224 | C16H32      | 000295-65-8  | 98   |
| 2    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93   |
| 3    |    |   | 1-Octadecene                        | 252 | C18H36      | 000112-88-9  | 87   |
| 4    |    |   | Cyclohexadecane                     | 224 | C16H32      | 000295-65-8  | 83   |
| 5    |    |   | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8  | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111524\  
Data File : BM048732.D  
Acq On : 16 Nov 2024 07:01  
Operator : RC/JU  
Sample : P4751-23  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BH9G4

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       | 15.639 | 4.5     | ng/ul | 297420   | 3                     | 14.274 | 1307160 | 20.0 |
| n-Hexadecanoic ... | 17.927 | 4.6     | ng/ul | 347946   | 4                     | 17.021 | 1520090 | 20.0 |
| (DEL) Alkane: C... | 20.939 | 2.6     | ng/ul | 254970   | 5                     | 21.244 | 1923500 | 20.0 |