

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
 Data File : BM048091.D  
 Acq On : 16 Oct 2024 17:12  
 Operator : RC/JU  
 Sample : P4329-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4ER3

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: BM048091.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         | 3.240       | 39            | 43          | 47           | rBV      | 44112          | 55417         | 1.27%           | 0.099%        |
| 2         | 3.657       | 110           | 114         | 131          | rBV      | 530188         | 879569        | 20.10%          | 1.576%        |
| 3         | 3.975       | 164           | 168         | 172          | rBV2     | 23398          | 31242         | 0.71%           | 0.056%        |
| 4         | 4.899       | 320           | 325         | 329          | rVB4     | 11032          | 18258         | 0.42%           | 0.033%        |
| 5         | 6.034       | 516           | 518         | 523          | rVB6     | 6263           | 9289          | 0.21%           | 0.017%        |
| 6         | 6.763       | 640           | 642         | 643          | rVV2     | 6109           | 4782          | 0.11%           | 0.009%        |
| 7         | 6.798       | 645           | 648         | 654          | rVB6     | 10366          | 17619         | 0.40%           | 0.032%        |
| 8         | 6.957       | 666           | 675         | 687          | rBV      | 673819         | 1176537       | 26.88%          | 2.109%        |
| 9         | 7.110       | 694           | 701         | 709          | rBV      | 597104         | 931968        | 21.29%          | 1.670%        |
| 10        | 7.316       | 728           | 736         | 747          | rBV      | 748196         | 1205585       | 27.55%          | 2.161%        |
| 11        | 7.781       | 807           | 815         | 823          | rBV      | 1061920        | 1723988       | 39.39%          | 3.090%        |
| 12        | 7.851       | 823           | 827         | 836          | rVB5     | 17159          | 33166         | 0.76%           | 0.059%        |
| 13        | 8.322       | 905           | 907         | 910          | rVB4     | 4460           | 5116          | 0.12%           | 0.009%        |
| 14        | 8.492       | 928           | 936         | 953          | rBV      | 857618         | 1504106       | 34.37%          | 2.696%        |
| 15        | 8.881       | 999           | 1002        | 1003         | rBV3     | 3762           | 4480          | 0.10%           | 0.008%        |
| 16        | 8.934       | 1004          | 1011        | 1021         | rBV      | 653321         | 1116869       | 25.52%          | 2.002%        |
| 17        | 9.098       | 1035          | 1039        | 1044         | rVB8     | 5481           | 9381          | 0.21%           | 0.017%        |
| 18        | 9.363       | 1079          | 1084        | 1089         | rVB      | 21958          | 31243         | 0.71%           | 0.056%        |
| 19        | 9.498       | 1098          | 1107        | 1118         | rBV2     | 74954          | 140648        | 3.21%           | 0.252%        |
| 20        | 9.657       | 1126          | 1134        | 1148         | rBV      | 527061         | 937275        | 21.42%          | 1.680%        |
| 21        | 10.069      | 1201          | 1204        | 1208         | rBV5     | 4640           | 7955          | 0.18%           | 0.014%        |
| 22        | 10.198      | 1216          | 1226        | 1246         | rBV      | 819425         | 1507390       | 34.44%          | 2.702%        |
| 23        | 10.469      | 1269          | 1272        | 1276         | rVB6     | 4536           | 6253          | 0.14%           | 0.011%        |
| 24        | 10.569      | 1281          | 1289        | 1298         | rBV      | 1505490        | 2541896       | 58.08%          | 4.556%        |
| 25        | 10.710      | 1304          | 1313        | 1335         | rBV      | 757459         | 1482542       | 33.87%          | 2.657%        |
| 26        | 11.122      | 1378          | 1383        | 1391         | rBV8     | 13234          | 33336         | 0.76%           | 0.060%        |
| 27        | 11.375      | 1423          | 1426        | 1432         | rBV7     | 5461           | 10117         | 0.23%           | 0.018%        |
| 28        | 11.586      | 1459          | 1462        | 1463         | rBV2     | 6144           | 5489          | 0.13%           | 0.010%        |
| 29        | 11.604      | 1463          | 1465        | 1470         | rVV6     | 7373           | 11947         | 0.27%           | 0.021%        |
| 30        | 11.857      | 1502          | 1508        | 1512         | rVB7     | 12330          | 20168         | 0.46%           | 0.036%        |
| 31        | 11.992      | 1527          | 1531        | 1536         | rVB8     | 8297           | 13716         | 0.31%           | 0.025%        |
| 32        | 12.057      | 1540          | 1542        | 1543         | rBV2     | 5204           | 4572          | 0.10%           | 0.008%        |
| 33        | 12.169      | 1555          | 1561        | 1567         | rBV3     | 14872          | 32729         | 0.75%           | 0.059%        |
| 34        | 12.316      | 1581          | 1586        | 1589         | rBV7     | 4490           | 7101          | 0.16%           | 0.013%        |
| 35        | 12.386      | 1592          | 1598        | 1600         | rBV7     | 5233           | 9484          | 0.22%           | 0.017%        |
| 36        | 12.639      | 1635          | 1641        | 1643         | rVB7     | 4152           | 6626          | 0.15%           | 0.012%        |

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 Sample : P4329-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4ER3

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 | 12.769 | 1660 | 1663 | 1668 | rVB7 | 3595  | 6972  | 0.16% | 0.012% |
| 38 | 12.816 | 1668 | 1671 | 1673 | rBV4 | 5463  | 6571  | 0.15% | 0.012% |
| 39 | 12.857 | 1675 | 1678 | 1682 | rBV6 | 4975  | 7067  | 0.16% | 0.013% |
| 40 | 12.951 | 1691 | 1694 | 1699 | rVV3 | 11193 | 15699 | 0.36% | 0.028% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 13.022 | 1702 | 1706 | 1708 | rBV5 | 4759  | 5876  | 0.13% | 0.011% |
| 42 | 13.133 | 1722 | 1725 | 1728 | rBV5 | 4051  | 5583  | 0.13% | 0.010% |
| 43 | 13.204 | 1733 | 1737 | 1738 | rVV4 | 7757  | 9074  | 0.21% | 0.016% |
| 44 | 13.245 | 1739 | 1744 | 1751 | rVB4 | 20714 | 39117 | 0.89% | 0.070% |
| 45 | 13.386 | 1765 | 1768 | 1770 | rBV3 | 4443  | 4483  | 0.10% | 0.008% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 46 | 13.686 | 1817 | 1819 | 1822 | rBV4 | 4001    | 4501    | 0.10%  | 0.008% |
| 47 | 13.739 | 1826 | 1828 | 1833 | rVV6 | 4969    | 6367    | 0.15%  | 0.011% |
| 48 | 13.821 | 1836 | 1842 | 1851 | rVV  | 1420049 | 2117168 | 48.38% | 3.794% |
| 49 | 13.904 | 1852 | 1856 | 1860 | rVB4 | 19819   | 27071   | 0.62%  | 0.049% |
| 50 | 14.110 | 1881 | 1891 | 1911 | rBV  | 1818594 | 2834663 | 64.77% | 5.080% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 51 | 14.251 | 1911 | 1915 | 1921 | rVB9 | 15658   | 26223   | 0.60%  | 0.047% |
| 52 | 14.321 | 1921 | 1927 | 1931 | rBV8 | 12575   | 20158   | 0.46%  | 0.036% |
| 53 | 14.416 | 1932 | 1943 | 1951 | rBV  | 2221800 | 3277337 | 74.88% | 5.874% |
| 54 | 14.474 | 1951 | 1953 | 1957 | rVB4 | 11950   | 14932   | 0.34%  | 0.027% |
| 55 | 14.633 | 1972 | 1980 | 1994 | rBV  | 395958  | 835592  | 19.09% | 1.498% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 56 | 14.827 | 2009 | 2013 | 2018 | rBV7 | 15383   | 26675   | 0.61%  | 0.048% |
| 57 | 14.939 | 2030 | 2032 | 2036 | rVB5 | 12948   | 15806   | 0.36%  | 0.028% |
| 58 | 15.204 | 2075 | 2077 | 2081 | rBV3 | 14413   | 14396   | 0.33%  | 0.026% |
| 59 | 15.410 | 2106 | 2112 | 2119 | rBV  | 2279839 | 3276802 | 74.87% | 5.873% |
| 60 | 15.533 | 2128 | 2133 | 2145 | rVB  | 249488  | 386361  | 8.83%  | 0.692% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 61 | 15.668 | 2149 | 2156 | 2163 | rVB4 | 73686  | 135133  | 3.09%  | 0.242% |
| 62 | 15.774 | 2168 | 2174 | 2180 | rBV  | 748168 | 1035217 | 23.65% | 1.855% |
| 63 | 16.151 | 2235 | 2238 | 2243 | rVB  | 41679  | 54761   | 1.25%  | 0.098% |
| 64 | 16.274 | 2256 | 2259 | 2264 | rVB  | 27851  | 38036   | 0.87%  | 0.068% |
| 65 | 16.333 | 2267 | 2269 | 2274 | rVB3 | 19674  | 24510   | 0.56%  | 0.044% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 66 | 16.392 | 2274 | 2279 | 2285 | rBV  | 62383 | 96553 | 2.21% | 0.173% |
| 67 | 16.686 | 2327 | 2329 | 2334 | rVB5 | 24137 | 28099 | 0.64% | 0.050% |
| 68 | 16.974 | 2374 | 2378 | 2382 | rVB2 | 50016 | 71572 | 1.64% | 0.128% |
| 69 | 17.033 | 2385 | 2388 | 2392 | rBV3 | 56850 | 81874 | 1.87% | 0.147% |
| 70 | 17.074 | 2392 | 2395 | 2399 | rVB  | 60991 | 77019 | 1.76% | 0.138% |

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 71 | 17.157 | 2403 | 2409 | 2414 | rBV  | 2555773 | 3708616 | 84.74% | 6.647% |
| 72 | 17.198 | 2414 | 2416 | 2420 | rVV  | 121779  | 157319  | 3.59%  | 0.282% |
| 73 | 17.257 | 2420 | 2426 | 2435 | rVV2 | 2309837 | 3484473 | 79.62% | 6.245% |
| 74 | 17.333 | 2435 | 2439 | 2448 | rVB5 | 58649   | 123311  | 2.82%  | 0.221% |
| 75 | 17.609 | 2483 | 2486 | 2489 | rBV2 | 36578   | 41837   | 0.96%  | 0.075% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 76 | 17.745 | 2505 | 2509 | 2515 | rVB2 | 87660 | 171700 | 3.92% | 0.308% |
|----|--------|------|------|------|------|-------|--------|-------|--------|

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :  
A4ER3

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 | 18.051 | 2556 | 2561 | 2576 | rBV  | 628004  | 1031293 | 23.56%  | 1.848% |
| 78 | 19.215 | 2755 | 2759 | 2766 | rVB  | 184403  | 257225  | 5.88%   | 0.461% |
| 79 | 19.327 | 2775 | 2778 | 2782 | rBV2 | 130583  | 184453  | 4.21%   | 0.331% |
| 80 | 19.545 | 2810 | 2815 | 2830 | rBV  | 2942566 | 4376526 | 100.00% | 7.844% |
| 81 | 21.056 | 3069 | 3072 | 3081 | rVB  | 481581  | 737613  | 16.85%  | 1.322% |
| 82 | 21.386 | 3123 | 3128 | 3134 | rBV2 | 2503095 | 3678824 | 84.06%  | 6.593% |
| 83 | 24.174 | 3595 | 3602 | 3612 | rVB  | 1477561 | 3581809 | 81.84%  | 6.419% |
| 84 | 24.385 | 3630 | 3638 | 3648 | rVB  | 1592784 | 4096023 | 93.59%  | 7.341% |

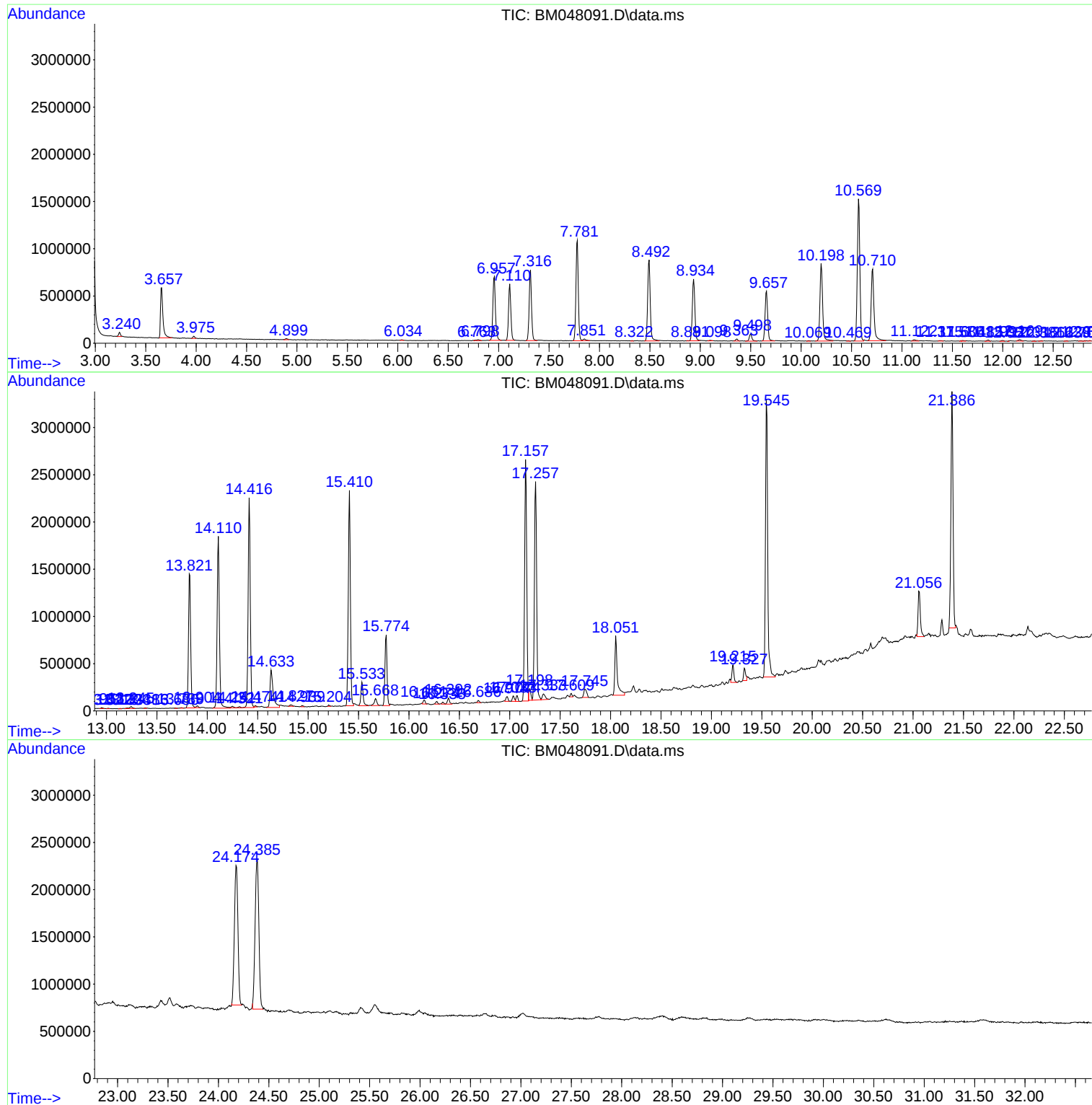
Sum of corrected areas: 55796149

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
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Instrument :  
BNA\_M  
ClientSampleId :  
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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\BM101424\  
Data File : BM048091.D  
Acq On : 16 Oct 2024 17:12  
Operator : RC/JU  
Sample : P4329-11  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4ER3

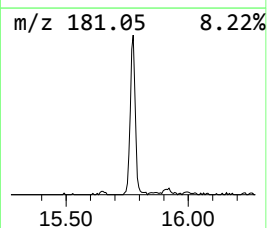
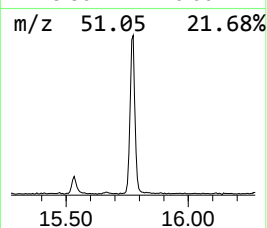
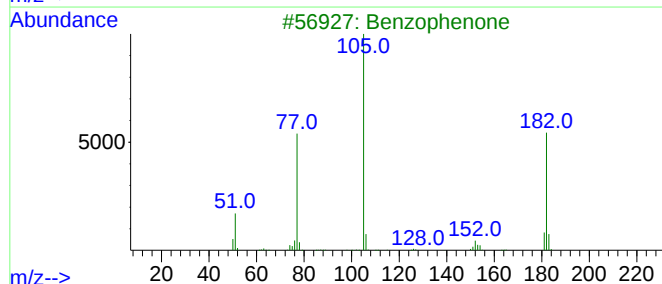
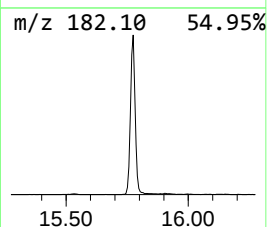
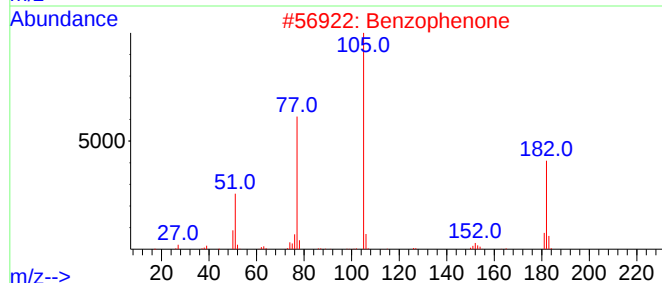
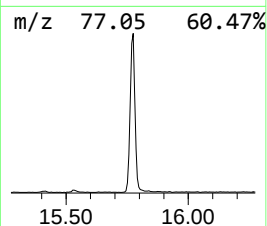
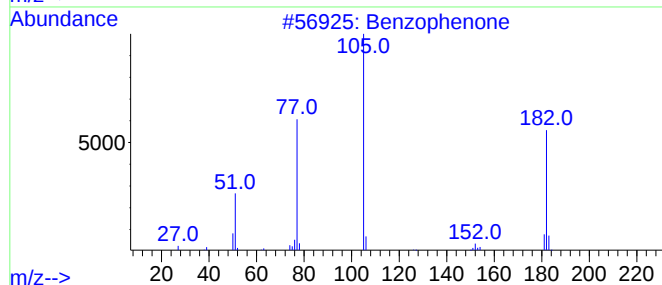
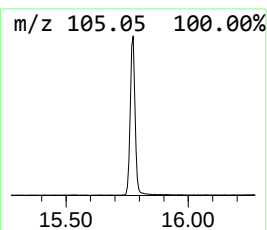
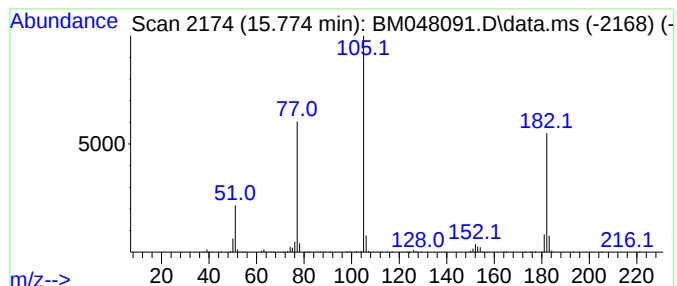
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 15.774 | 6.32 ng/ul | 1035220 | Acenaphthene-d10 | 14.416 |

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



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Sample : P4329-11  
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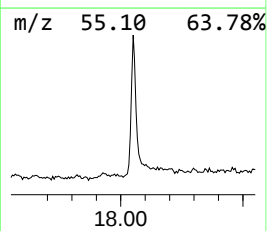
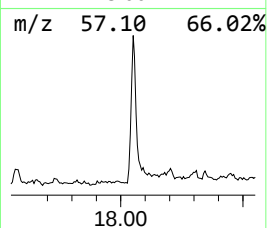
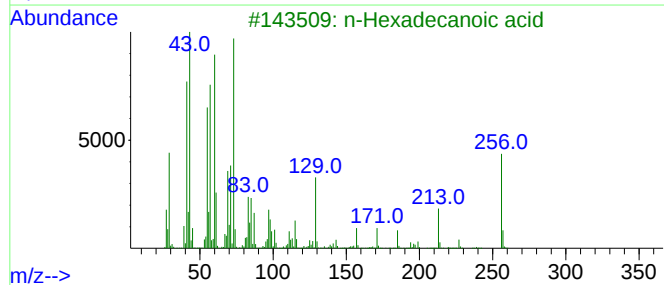
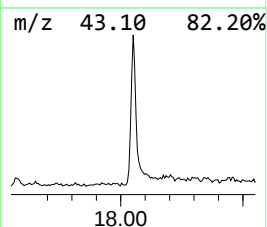
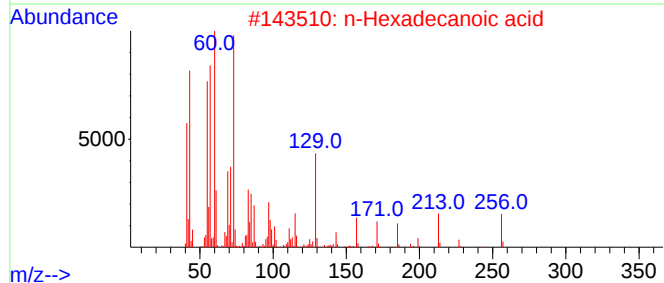
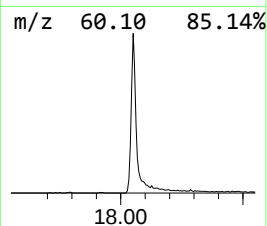
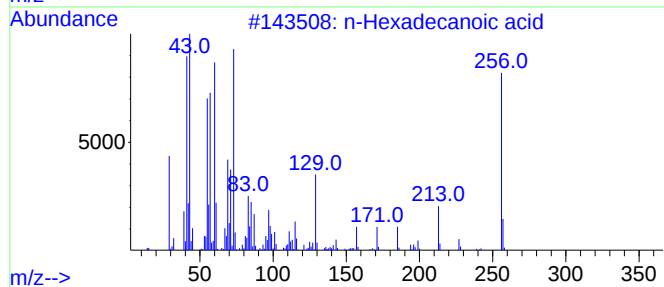
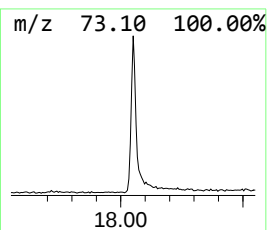
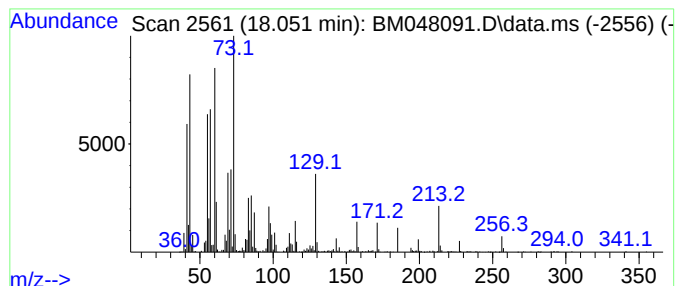
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.051 | 5.56 ng/ul | 1031290 | Phenanthrene-d10 | 17.157 |

| 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 | 95   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |



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

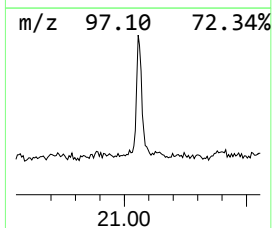
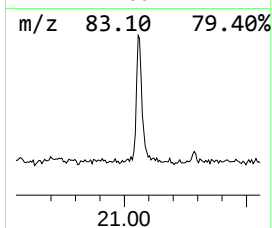
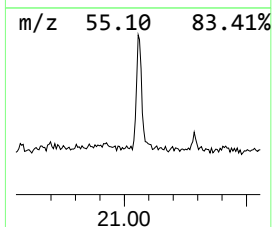
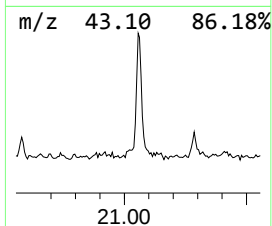
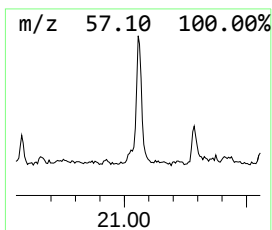
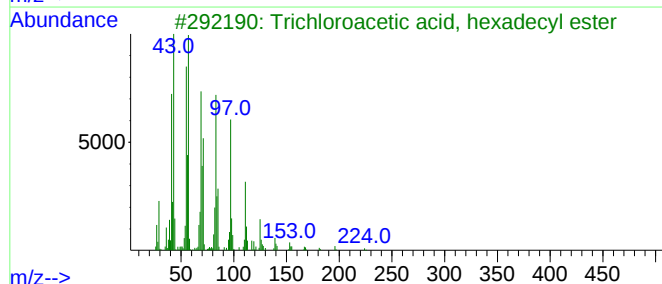
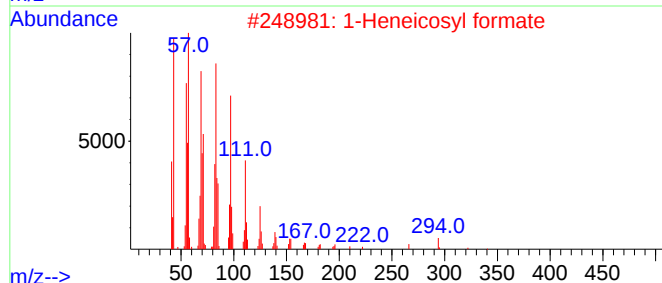
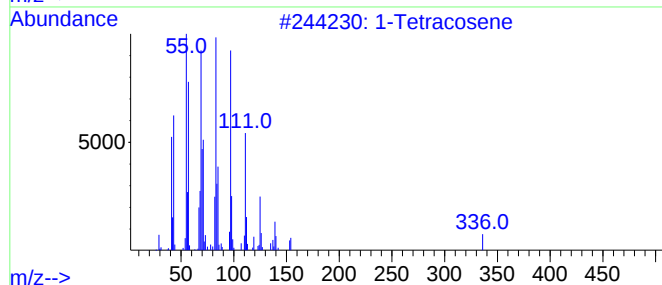
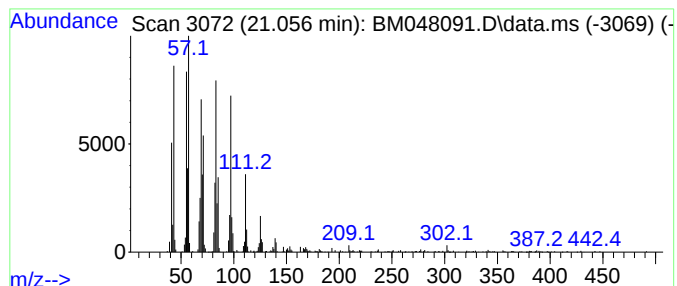
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.056 | 4.01 ng/ul | 737613 | Chrysene-d12     | 21.386 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|-------------|------|
| 1    | 1-Tetracosene                       |   |              | 336 | C24H48      | 010192-32-2 | 98   |
| 2    | 1-Heneicosyl formate                |   |              | 340 | C22H44O2    | 077899-03-7 | 96   |
| 3    | Trichloroacetic acid, hexadecyl ... |   |              | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |
| 4    | Heptadecyl heptafluorobutyrate      |   |              | 452 | C21H35F7O2  | 959085-66-6 | 94   |
| 5    | 1-Hexacosanol                       |   |              | 382 | C26H54O     | 000506-52-5 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
Data File : BM048091.D  
Acq On : 16 Oct 2024 17:12  
Operator : RC/JU  
Sample : P4329-11  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4ER3

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzophenone       | 15.774 | 6.3     | ng/ul | 1035220  | 3                     | 14.416 | 3277340 | 20.0 |
| n-Hexadecanoic ... | 18.051 | 5.6     | ng/ul | 1031290  | 4                     | 17.157 | 3708620 | 20.0 |
| (DEL) Alkane: S... | 21.056 | 4.0     | ng/ul | 737613   | 5                     | 21.386 | 3678820 | 20.0 |