

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102824\  
 Data File : BM048267.D  
 Acq On : 28 Oct 2024 23:10  
 Operator : RC/JU  
 Sample : P4529-08  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F7H17

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-BM102624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM048267.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         | 3.169       | 27            | 31          | 38           | rVB      | 47676          | 57843         | 1.75%           | 0.142%        |
| 2         | 3.587       | 98            | 102         | 112          | rBV      | 447108         | 647693        | 19.61%          | 1.594%        |
| 3         | 3.910       | 154           | 157         | 161          | rVB3     | 11304          | 15126         | 0.46%           | 0.037%        |
| 4         | 4.469       | 248           | 252         | 258          | rBV3     | 11145          | 14458         | 0.44%           | 0.036%        |
| 5         | 4.516       | 258           | 260         | 263          | rVB3     | 5158           | 4973          | 0.15%           | 0.012%        |
| 6         | 4.893       | 320           | 324         | 330          | rBV8     | 7385           | 12086         | 0.37%           | 0.030%        |
| 7         | 5.010       | 343           | 344         | 351          | rVB7     | 1907           | 3547          | 0.11%           | 0.009%        |
| 8         | 5.528       | 427           | 432         | 446          | rVB2     | 36277          | 69204         | 2.09%           | 0.170%        |
| 9         | 5.746       | 464           | 469         | 472          | rBV4     | 11351          | 15703         | 0.48%           | 0.039%        |
| 10        | 5.857       | 482           | 488         | 492          | rVB3     | 12031          | 18666         | 0.57%           | 0.046%        |
| 11        | 5.934       | 499           | 501         | 505          | rBV5     | 3009           | 4421          | 0.13%           | 0.011%        |
| 12        | 6.004       | 510           | 513         | 518          | rVV7     | 3465           | 5970          | 0.18%           | 0.015%        |
| 13        | 6.069       | 518           | 524         | 529          | rVV      | 108601         | 166765        | 5.05%           | 0.410%        |
| 14        | 6.110       | 529           | 531         | 537          | rVB4     | 18786          | 28345         | 0.86%           | 0.070%        |
| 15        | 6.246       | 550           | 554         | 557          | rVB6     | 5806           | 7979          | 0.24%           | 0.020%        |
| 16        | 6.293       | 557           | 562         | 563          | rBV2     | 20068          | 25303         | 0.77%           | 0.062%        |
| 17        | 6.475       | 589           | 593         | 596          | rBV3     | 6922           | 10447         | 0.32%           | 0.026%        |
| 18        | 6.528       | 596           | 602         | 606          | rVV      | 48681          | 79332         | 2.40%           | 0.195%        |
| 19        | 6.575       | 606           | 610         | 617          | rVV      | 67113          | 97261         | 2.94%           | 0.239%        |
| 20        | 6.657       | 617           | 624         | 630          | rVB6     | 10584          | 18773         | 0.57%           | 0.046%        |
| 21        | 6.893       | 655           | 664         | 678          | rBV      | 525422         | 955070        | 28.91%          | 2.350%        |
| 22        | 7.051       | 684           | 691         | 700          | rBV      | 505995         | 797547        | 24.14%          | 1.962%        |
| 23        | 7.251       | 718           | 725         | 737          | rBV      | 604148         | 988898        | 29.93%          | 2.433%        |
| 24        | 7.404       | 749           | 751         | 756          | rVB5     | 4546           | 6935          | 0.21%           | 0.017%        |
| 25        | 7.716       | 798           | 804         | 813          | rBV      | 711443         | 1179504       | 35.70%          | 2.902%        |
| 26        | 7.910       | 836           | 837         | 841          | rBV4     | 3133           | 3330          | 0.10%           | 0.008%        |
| 27        | 7.975       | 847           | 848         | 852          | rVB4     | 3673           | 3594          | 0.11%           | 0.009%        |
| 28        | 8.369       | 913           | 915         | 919          | rBV4     | 2979           | 3328          | 0.10%           | 0.008%        |
| 29        | 8.434       | 919           | 926         | 938          | rBV      | 678176         | 1158300       | 35.06%          | 2.850%        |
| 30        | 8.875       | 993           | 1001        | 1012         | rBV      | 540473         | 937406        | 28.38%          | 2.307%        |
| 31        | 9.304       | 1069          | 1074        | 1080         | rBV      | 11939          | 18930         | 0.57%           | 0.047%        |
| 32        | 9.445       | 1094          | 1098        | 1105         | rBV      | 31261          | 56245         | 1.70%           | 0.138%        |
| 33        | 9.598       | 1117          | 1124        | 1130         | rBV      | 422837         | 731677        | 22.15%          | 1.800%        |
| 34        | 9.651       | 1130          | 1133        | 1140         | rVV2     | 26389          | 49796         | 1.51%           | 0.123%        |
| 35        | 9.710       | 1141          | 1143        | 1149         | rVB4     | 5275           | 6554          | 0.20%           | 0.016%        |
| 36        | 10.139      | 1209          | 1216        | 1240         | rBV      | 608229         | 1152873       | 34.90%          | 2.837%        |

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 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F7H17

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-BM102624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 10.510 | 1271 | 1279 | 1287 | rBV  | 990278  | 1684527 | 50.99% | 4.145% |
| 38 | 10.651 | 1294 | 1303 | 1321 | rBV  | 513114  | 1121078 | 33.94% | 2.759% |
| 39 | 10.839 | 1333 | 1335 | 1341 | rVB6 | 3945    | 5031    | 0.15%  | 0.012% |
| 40 | 11.092 | 1374 | 1378 | 1382 | rBV7 | 5397    | 10645   | 0.32%  | 0.026% |
| 41 | 11.792 | 1493 | 1497 | 1503 | rVB4 | 7143    | 9945    | 0.30%  | 0.024% |
| 42 | 11.951 | 1522 | 1524 | 1529 | rVB4 | 2741    | 3333    | 0.10%  | 0.008% |
| 43 | 12.128 | 1547 | 1554 | 1558 | rBV3 | 10005   | 17843   | 0.54%  | 0.044% |
| 44 | 12.351 | 1588 | 1592 | 1593 | rBV4 | 3076    | 3797    | 0.11%  | 0.009% |
| 45 | 12.722 | 1651 | 1655 | 1659 | rBV6 | 3192    | 5502    | 0.17%  | 0.014% |
| 46 | 12.816 | 1667 | 1671 | 1675 | rBV5 | 3770    | 6527    | 0.20%  | 0.016% |
| 47 | 12.975 | 1695 | 1698 | 1705 | rVB6 | 4054    | 6943    | 0.21%  | 0.017% |
| 48 | 13.110 | 1717 | 1721 | 1726 | rBV5 | 2413    | 4960    | 0.15%  | 0.012% |
| 49 | 13.192 | 1726 | 1735 | 1740 | rBV5 | 10946   | 20282   | 0.61%  | 0.050% |
| 50 | 13.333 | 1754 | 1759 | 1762 | rBV5 | 2613    | 4057    | 0.12%  | 0.010% |
| 51 | 13.774 | 1827 | 1834 | 1845 | rBV  | 1172095 | 1686383 | 51.05% | 4.150% |
| 52 | 13.898 | 1853 | 1855 | 1860 | rVB6 | 3034    | 3460    | 0.10%  | 0.009% |
| 53 | 14.051 | 1871 | 1881 | 1892 | rBV  | 1336104 | 2084175 | 63.09% | 5.128% |
| 54 | 14.269 | 1911 | 1918 | 1924 | rVB5 | 7775    | 12544   | 0.38%  | 0.031% |
| 55 | 14.363 | 1924 | 1934 | 1944 | rBV  | 1481112 | 2187156 | 66.21% | 5.382% |
| 56 | 14.492 | 1953 | 1956 | 1960 | rVB6 | 2606    | 3432    | 0.10%  | 0.008% |
| 57 | 14.592 | 1967 | 1973 | 1991 | rBV2 | 143495  | 420068  | 12.72% | 1.034% |
| 58 | 15.163 | 2067 | 2070 | 2075 | rBV4 | 6127    | 10771   | 0.33%  | 0.027% |
| 59 | 15.221 | 2076 | 2080 | 2085 | rVB6 | 4795    | 8224    | 0.25%  | 0.020% |
| 60 | 15.357 | 2096 | 2103 | 2116 | rBV  | 1701876 | 2570763 | 77.82% | 6.326% |
| 61 | 15.480 | 2118 | 2124 | 2141 | rVV  | 331964  | 547918  | 16.59% | 1.348% |
| 62 | 15.598 | 2141 | 2144 | 2150 | rVB7 | 9727    | 15577   | 0.47%  | 0.038% |
| 63 | 15.721 | 2159 | 2165 | 2181 | rBV  | 571339  | 811249  | 24.56% | 1.996% |
| 64 | 15.921 | 2195 | 2199 | 2203 | rVB6 | 2946    | 3616    | 0.11%  | 0.009% |
| 65 | 15.986 | 2208 | 2210 | 2215 | rVB5 | 2900    | 4019    | 0.12%  | 0.010% |
| 66 | 16.074 | 2222 | 2225 | 2228 | rBV5 | 3564    | 5845    | 0.18%  | 0.014% |
| 67 | 16.204 | 2243 | 2247 | 2250 | rBV5 | 2685    | 3373    | 0.10%  | 0.008% |
| 68 | 16.286 | 2257 | 2261 | 2267 | rVB2 | 15072   | 21197   | 0.64%  | 0.052% |
| 69 | 16.386 | 2275 | 2278 | 2280 | rBV4 | 2882    | 3437    | 0.10%  | 0.008% |
| 70 | 16.763 | 2338 | 2342 | 2344 | rBV4 | 3583    | 3838    | 0.12%  | 0.009% |
| 71 | 16.892 | 2361 | 2364 | 2367 | rBV5 | 3126    | 4492    | 0.14%  | 0.011% |
| 72 | 17.104 | 2393 | 2400 | 2410 | rBV  | 1697284 | 2487745 | 75.31% | 6.121% |
| 73 | 17.204 | 2410 | 2417 | 2430 | rVV  | 1738103 | 2665505 | 80.69% | 6.559% |
| 74 | 17.998 | 2547 | 2552 | 2561 | rBV  | 200177  | 308744  | 9.35%  | 0.760% |
| 75 | 18.180 | 2581 | 2583 | 2588 | rVB6 | 6118    | 8803    | 0.27%  | 0.022% |
| 76 | 18.304 | 2599 | 2604 | 2608 | rBV6 | 12577   | 21718   | 0.66%  | 0.053% |

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Instrument :  
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 ClientSampleId :  
 F7H17

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-BM102624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 77 | 18.427 | 2623 | 2625 | 2627 | rBV3 | 4138    | 4421    | 0.13%   | 0.011% |
| 78 | 18.851 | 2694 | 2697 | 2701 | rVB3 | 14720   | 17005   | 0.51%   | 0.042% |
| 79 | 19.062 | 2727 | 2733 | 2738 | rBV4 | 25911   | 44306   | 1.34%   | 0.109% |
| 80 | 19.133 | 2741 | 2745 | 2747 | rVV2 | 29178   | 40744   | 1.23%   | 0.100% |
|    |        |      |      |      |      |         |         |         |        |
| 81 | 19.162 | 2747 | 2750 | 2760 | rVB  | 36082   | 59613   | 1.80%   | 0.147% |
| 82 | 19.280 | 2766 | 2770 | 2776 | rBV4 | 48834   | 70969   | 2.15%   | 0.175% |
| 83 | 19.492 | 2800 | 2806 | 2821 | rBV  | 2263284 | 3303485 | 100.00% | 8.129% |
| 84 | 20.492 | 2974 | 2976 | 2980 | rVB2 | 29997   | 27142   | 0.82%   | 0.067% |
| 85 | 21.009 | 3060 | 3064 | 3073 | rBV2 | 181565  | 349851  | 10.59%  | 0.861% |
|    |        |      |      |      |      |         |         |         |        |
| 86 | 21.327 | 3112 | 3118 | 3130 | rBV2 | 1753631 | 2732416 | 82.71%  | 6.723% |
| 87 | 24.068 | 3577 | 3584 | 3600 | rVB  | 1243636 | 3040576 | 92.04%  | 7.482% |
| 88 | 24.274 | 3611 | 3619 | 3632 | rVB  | 1117277 | 2787571 | 84.38%  | 6.859% |

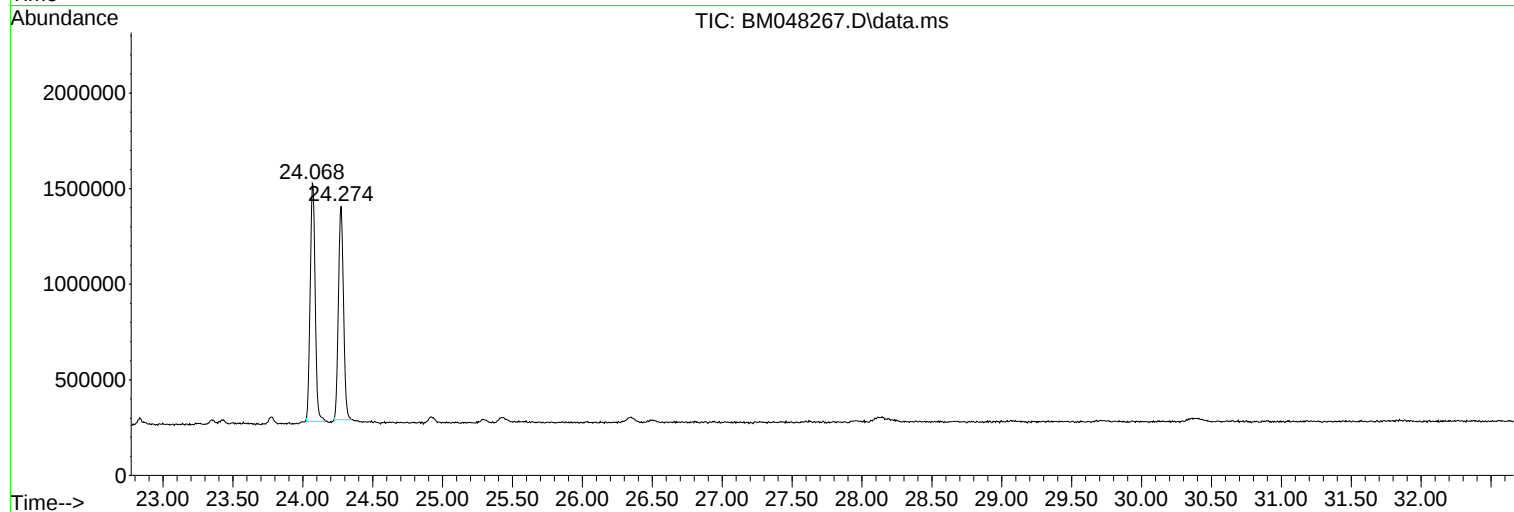
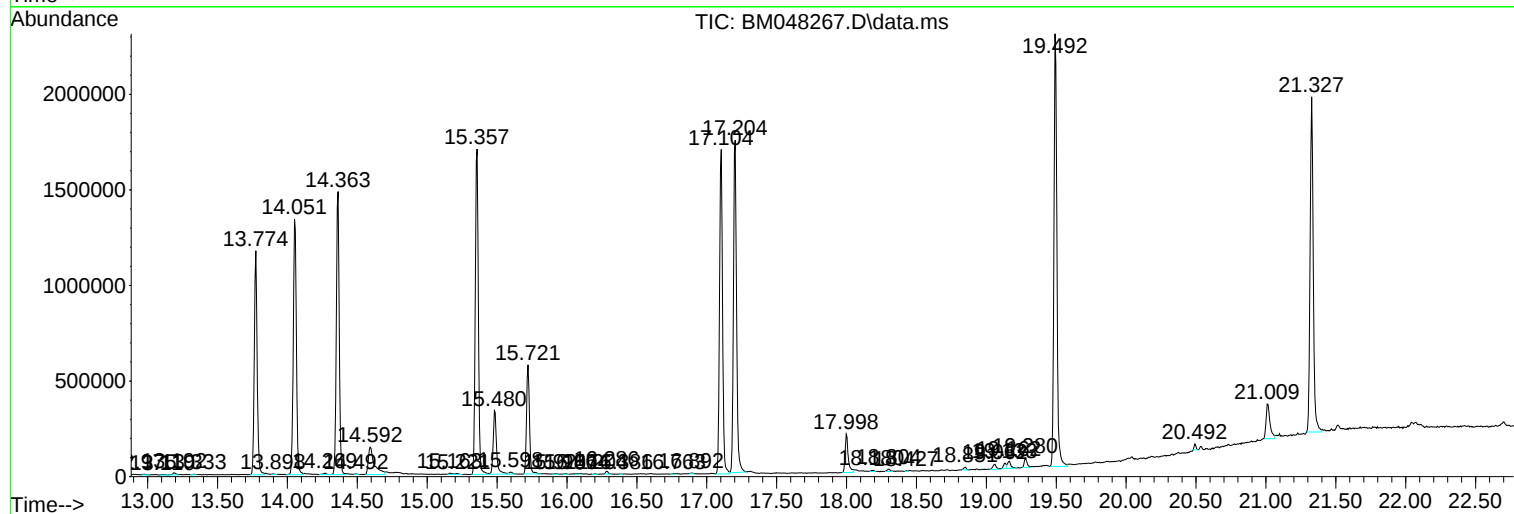
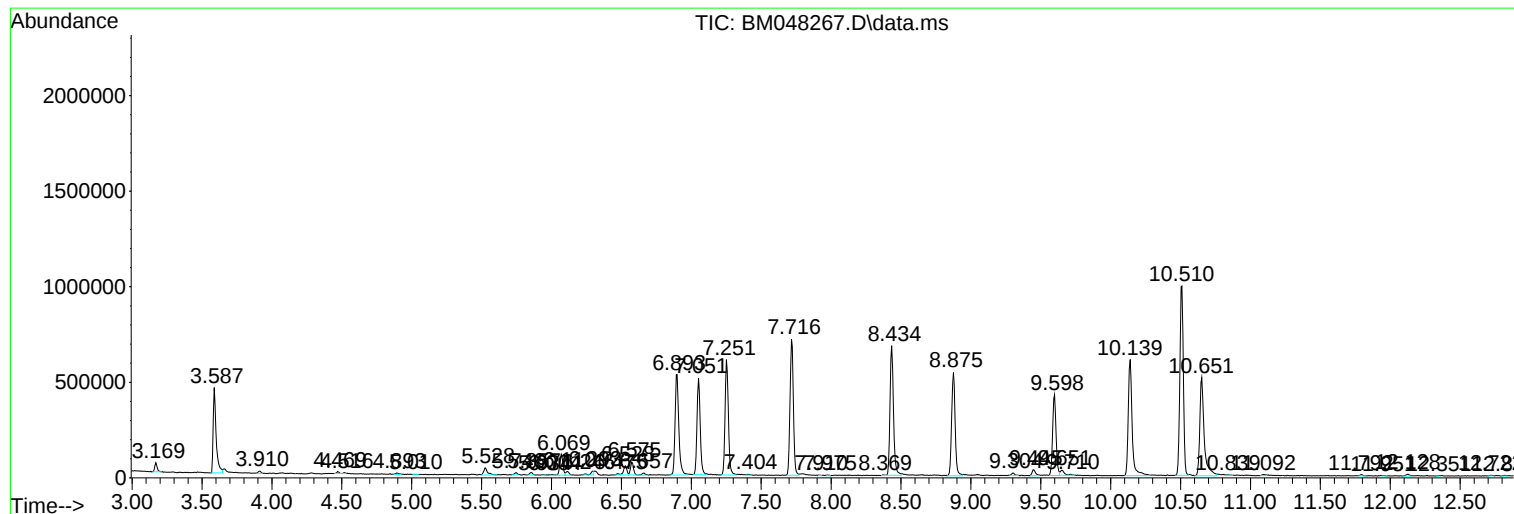
Sum of corrected areas: 40640503

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Sample : P4529-08  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION

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



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Data File : BM048267.D  
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Sample : P4529-08  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F7H17

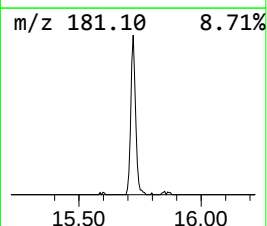
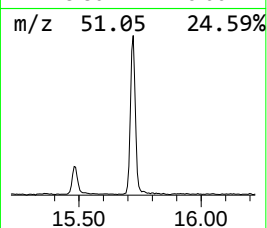
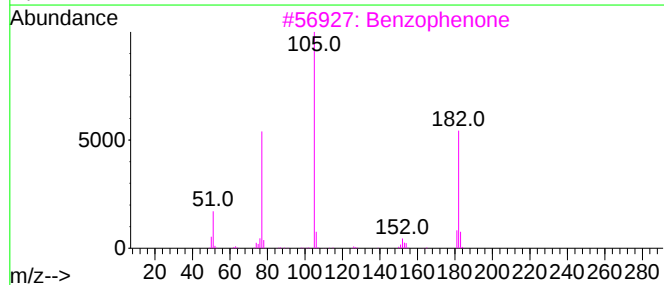
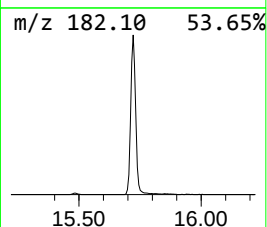
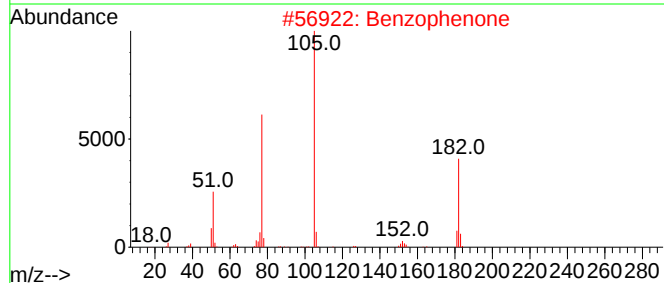
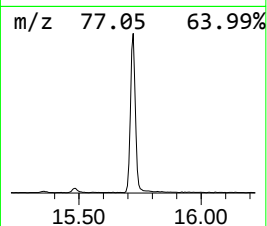
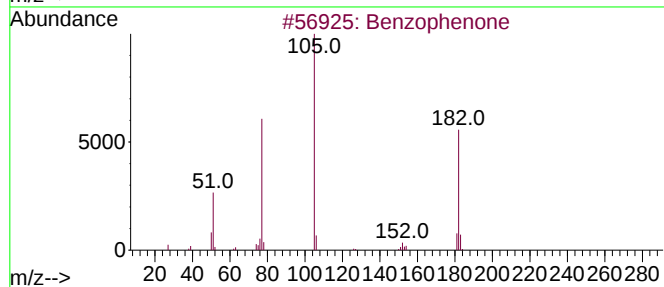
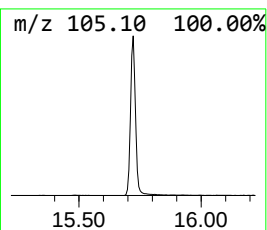
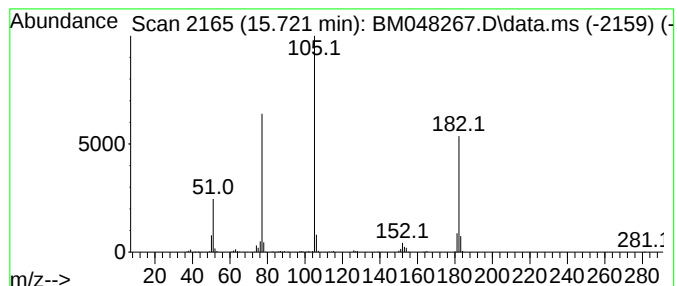
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.721 | 7.42 ng/ul | 811249 | Acenaphthene-d10 | 14.363 |

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



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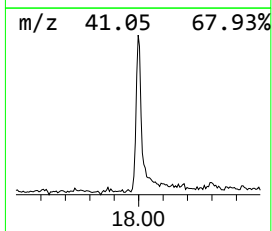
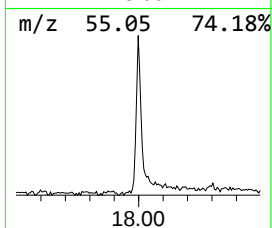
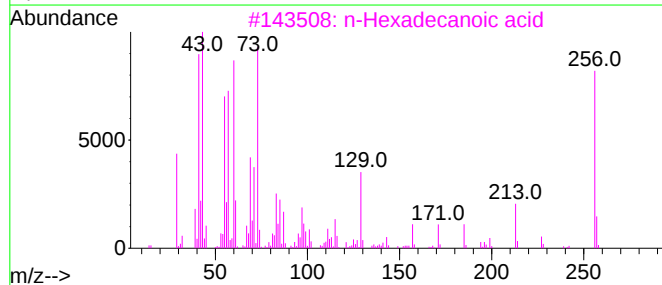
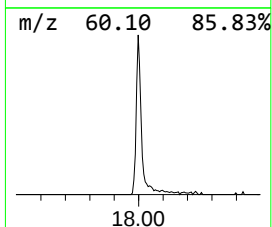
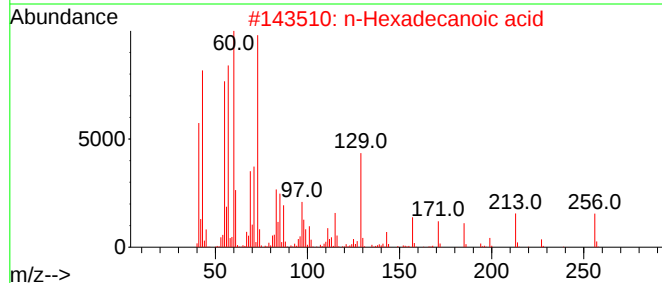
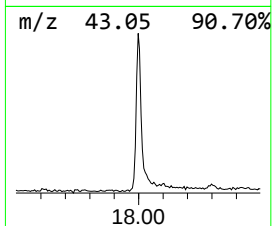
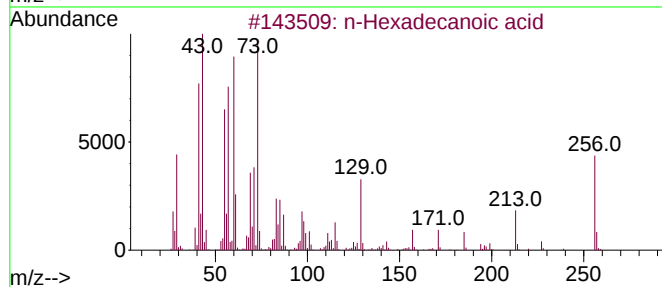
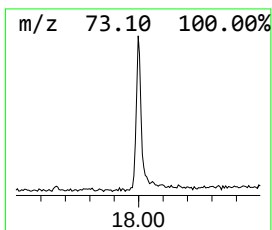
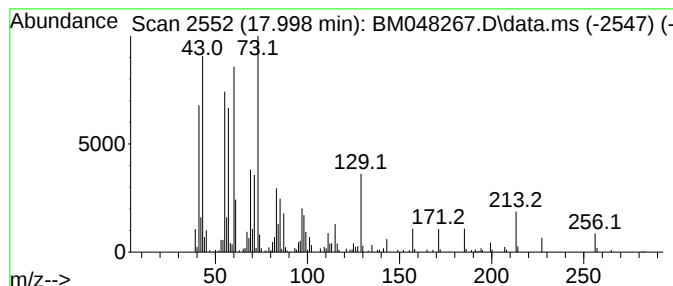
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.998 | 2.48 ng/ul | 308744 | Phenanthrene-d10 | 17.104 |

| 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 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |



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Quant Title : SVOA CALIBRATION

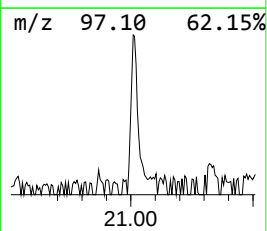
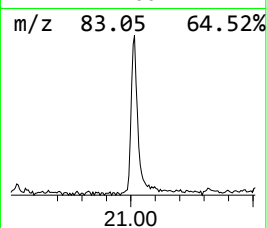
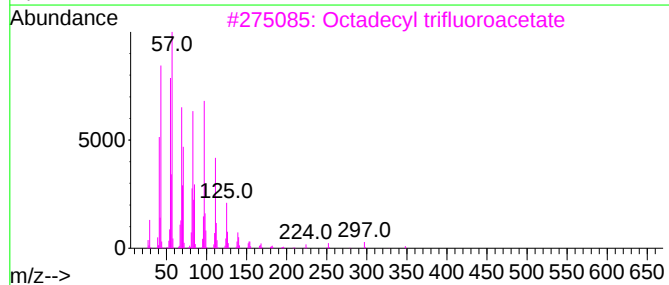
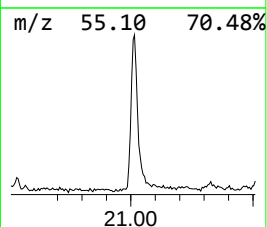
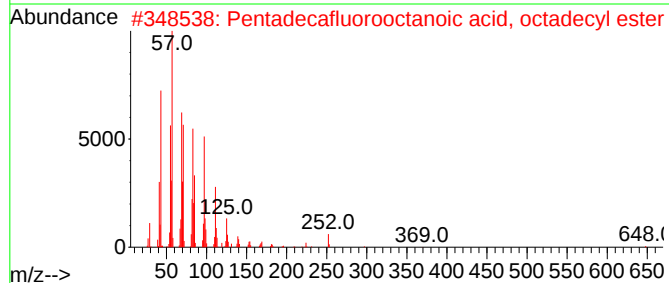
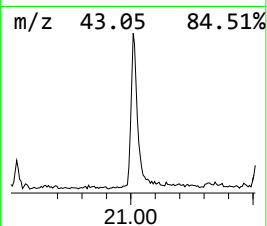
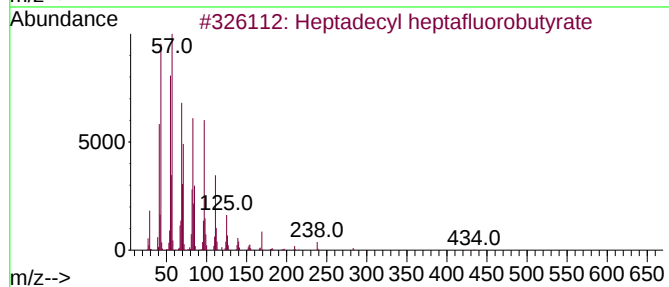
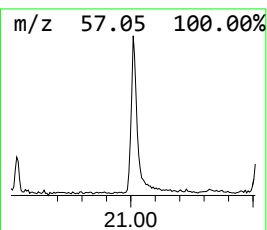
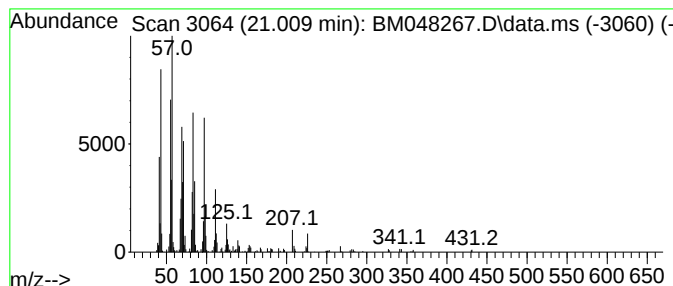
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.009 | 2.56 ng/ul | 349851 | Chrysene-d12     | 21.327 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 93   |
| 2    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93   |
| 3    |    |   | Octadecyl trifluoroacetate          | 366 | C20H37F3O2  | 079392-43-1  | 90   |
| 4    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 90   |
| 5    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2  | 000400-57-7  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102824\  
Data File : BM048267.D  
Acq On : 28 Oct 2024 23:10  
Operator : RC/JU  
Sample : P4529-08  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F7H17

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM102624.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       | 15.721 | 7.4     | ng/ul | 811249   | 3                     | 14.363 | 2187160 | 20.0 |
| n-Hexadecanoic ... | 17.998 | 2.5     | ng/ul | 308744   | 4                     | 17.104 | 2487750 | 20.0 |
| Heptadecyl hept... | 21.009 | 2.6     | ng/ul | 349851   | 5                     | 21.327 | 2732420 | 20.0 |