

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
 Data File : BG061868.D  
 Acq On : 3 Jul 2024 17:42  
 Operator : MA/JU  
 Sample : P3065-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4CD3

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\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG061868.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         | 4.016       | 122           | 124         | 128          | rVB3     | 10733          | 10976         | 0.66%           | 0.058%        |
| 2         | 4.239       | 159           | 162         | 163          | rBV      | 3215           | 3304          | 0.20%           | 0.017%        |
| 3         | 4.468       | 200           | 201         | 206          | rVV4     | 2848           | 3731          | 0.23%           | 0.020%        |
| 4         | 4.545       | 210           | 214         | 217          | rBV4     | 3178           | 4957          | 0.30%           | 0.026%        |
| 5         | 4.809       | 257           | 259         | 264          | rVB3     | 4126           | 5408          | 0.33%           | 0.028%        |
| 6         | 4.885       | 270           | 272         | 275          | rBV3     | 2792           | 3935          | 0.24%           | 0.021%        |
| 7         | 5.167       | 314           | 320         | 325          | rVB      | 14437          | 23537         | 1.42%           | 0.123%        |
| 8         | 5.250       | 331           | 334         | 339          | rBV5     | 3170           | 5884          | 0.36%           | 0.031%        |
| 9         | 5.549       | 381           | 385         | 388          | rBV3     | 3977           | 7217          | 0.44%           | 0.038%        |
| 10        | 5.632       | 395           | 399         | 401          | rBV3     | 2326           | 3368          | 0.20%           | 0.018%        |
| 11        | 6.149       | 481           | 487         | 488          | rBV4     | 3119           | 4976          | 0.30%           | 0.026%        |
| 12        | 6.166       | 488           | 490         | 494          | rVV2     | 3338           | 5117          | 0.31%           | 0.027%        |
| 13        | 6.554       | 552           | 556         | 559          | rBV4     | 3708           | 5892          | 0.36%           | 0.031%        |
| 14        | 6.765       | 587           | 592         | 598          | rVB4     | 14214          | 25762         | 1.56%           | 0.135%        |
| 15        | 6.818       | 598           | 601         | 603          | rBV3     | 2538           | 3397          | 0.21%           | 0.018%        |
| 16        | 7.247       | 666           | 674         | 683          | rVB2     | 173898         | 296179        | 17.92%          | 1.553%        |
| 17        | 7.418       | 696           | 703         | 710          | rVB      | 118954         | 197801        | 11.97%          | 1.037%        |
| 18        | 7.529       | 717           | 722         | 730          | rVB4     | 22019          | 39461         | 2.39%           | 0.207%        |
| 19        | 7.623       | 730           | 738         | 744          | rBV      | 162441         | 277452        | 16.79%          | 1.455%        |
| 20        | 7.706       | 748           | 752         | 755          | rVB5     | 4050           | 6893          | 0.42%           | 0.036%        |
| 21        | 7.758       | 760           | 761         | 765          | rVB2     | 3129           | 3218          | 0.19%           | 0.017%        |
| 22        | 8.093       | 813           | 818         | 824          | rVV      | 138892         | 227730        | 13.78%          | 1.194%        |
| 23        | 8.146       | 824           | 827         | 830          | rVB4     | 3390           | 4308          | 0.26%           | 0.023%        |
| 24        | 8.793       | 931           | 937         | 945          | rVB      | 216638         | 368716        | 22.31%          | 1.933%        |
| 25        | 8.928       | 956           | 960         | 964          | rVB3     | 3726           | 4468          | 0.27%           | 0.023%        |
| 26        | 9.263       | 1010          | 1017        | 1023         | rBV      | 168988         | 303334        | 18.35%          | 1.590%        |
| 27        | 9.409       | 1040          | 1042        | 1045         | rVB2     | 3279           | 3820          | 0.23%           | 0.020%        |
| 28        | 9.603       | 1071          | 1075        | 1079         | rVB3     | 2694           | 4114          | 0.25%           | 0.022%        |
| 29        | 9.809       | 1105          | 1110        | 1117         | rVB4     | 10949          | 21488         | 1.30%           | 0.113%        |
| 30        | 9.985       | 1132          | 1140        | 1149         | rVV3     | 141824         | 252315        | 15.27%          | 1.323%        |
| 31        | 10.073      | 1152          | 1155        | 1158         | rBV      | 3691           | 4975          | 0.30%           | 0.026%        |
| 32        | 10.303      | 1190          | 1194        | 1197         | rBV2     | 2995           | 4462          | 0.27%           | 0.023%        |
| 33        | 10.526      | 1225          | 1232        | 1241         | rVV      | 221110         | 395057        | 23.90%          | 2.071%        |
| 34        | 10.908      | 1289          | 1297        | 1303         | rBV      | 224502         | 387641        | 23.45%          | 2.033%        |
| 35        | 11.043      | 1314          | 1320        | 1325         | rBV6     | 24234          | 44787         | 2.71%           | 0.235%        |
| 36        | 11.425      | 1381          | 1385        | 1390         | rBV5     | 7286           | 12188         | 0.74%           | 0.064%        |

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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\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 37 | 11.642 | 1416 | 1422 | 1427 | rBV2 | 25042 | 47392 | 2.87% | 0.248% |
| 38 | 11.954 | 1471 | 1475 | 1478 | rBV2 | 2647  | 3599  | 0.22% | 0.019% |
| 39 | 12.371 | 1539 | 1546 | 1548 | rBV4 | 2584  | 5266  | 0.32% | 0.028% |
| 40 | 12.429 | 1552 | 1556 | 1557 | rBV2 | 4133  | 4326  | 0.26% | 0.023% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 41 | 12.476 | 1561 | 1564 | 1569 | rVB3 | 5453 | 8851 | 0.54% | 0.046% |
| 42 | 12.565 | 1575 | 1579 | 1583 | rVB4 | 5130 | 8212 | 0.50% | 0.043% |
| 43 | 12.988 | 1647 | 1651 | 1655 | rBV3 | 6088 | 8336 | 0.50% | 0.044% |
| 44 | 13.422 | 1723 | 1725 | 1727 | rBV2 | 3248 | 3738 | 0.23% | 0.020% |
| 45 | 13.528 | 1741 | 1743 | 1746 | rVB3 | 2877 | 3385 | 0.20% | 0.018% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 13.628 | 1756 | 1760 | 1761 | rBV3 | 3231   | 4138   | 0.25%  | 0.022% |
| 47 | 13.881 | 1800 | 1803 | 1804 | rBV3 | 3642   | 3579   | 0.22%  | 0.019% |
| 48 | 14.039 | 1824 | 1830 | 1835 | rBV4 | 24976  | 36179  | 2.19%  | 0.190% |
| 49 | 14.116 | 1837 | 1843 | 1849 | rVB  | 431392 | 627590 | 37.97% | 3.291% |
| 50 | 14.357 | 1881 | 1884 | 1887 | rBV4 | 6365   | 6305   | 0.38%  | 0.033% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 14.415 | 1887 | 1894 | 1906 | rVB  | 479675 | 749185 | 45.33% | 3.928% |
| 52 | 14.656 | 1934 | 1935 | 1939 | rBV  | 4856   | 4292   | 0.26%  | 0.023% |
| 53 | 14.721 | 1939 | 1946 | 1952 | rVV  | 370921 | 599839 | 36.29% | 3.145% |
| 54 | 14.780 | 1952 | 1956 | 1961 | rVB3 | 17201  | 25753  | 1.56%  | 0.135% |
| 55 | 14.903 | 1972 | 1977 | 1989 | rBV3 | 126667 | 254271 | 15.39% | 1.333% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 56 | 15.056 | 1999 | 2003 | 2008 | rBV6 | 5674  | 10344 | 0.63% | 0.054% |
| 57 | 15.109 | 2008 | 2012 | 2023 | rVB3 | 14646 | 27385 | 1.66% | 0.144% |
| 58 | 15.373 | 2054 | 2057 | 2059 | rBV3 | 3796  | 4502  | 0.27% | 0.024% |
| 59 | 15.432 | 2066 | 2067 | 2071 | rVB3 | 3920  | 4049  | 0.24% | 0.021% |
| 60 | 15.485 | 2074 | 2076 | 2077 | rBV2 | 4479  | 3645  | 0.22% | 0.019% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 15.708 | 2108 | 2114 | 2119 | rVV  | 613967 | 914410 | 55.33% | 4.795% |
| 62 | 15.761 | 2121 | 2123 | 2127 | rVV2 | 15168  | 19007  | 1.15%  | 0.100% |
| 63 | 15.814 | 2127 | 2132 | 2138 | rVV  | 189280 | 266633 | 16.13% | 1.398% |
| 64 | 15.925 | 2149 | 2151 | 2153 | rBV2 | 6112   | 6537   | 0.40%  | 0.034% |
| 65 | 15.943 | 2153 | 2154 | 2156 | rBV2 | 5639   | 4917   | 0.30%  | 0.026% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 66 | 16.049 | 2170 | 2172 | 2177 | rVB6 | 7614 | 8657  | 0.52% | 0.045% |
| 67 | 16.172 | 2191 | 2193 | 2194 | rBV  | 4627 | 3447  | 0.21% | 0.018% |
| 68 | 16.201 | 2194 | 2198 | 2200 | rVV3 | 6308 | 8796  | 0.53% | 0.046% |
| 69 | 16.419 | 2231 | 2235 | 2236 | rBV4 | 9265 | 10046 | 0.61% | 0.053% |
| 70 | 16.525 | 2250 | 2253 | 2254 | rVB2 | 6040 | 4847  | 0.29% | 0.025% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 71 | 16.719 | 2284 | 2286 | 2288 | rBV3 | 4503  | 5201  | 0.31% | 0.027% |
| 72 | 16.807 | 2299 | 2301 | 2303 | rBV2 | 5612  | 3887  | 0.24% | 0.020% |
| 73 | 16.901 | 2316 | 2317 | 2321 | rVB4 | 6772  | 6343  | 0.38% | 0.033% |
| 74 | 16.936 | 2321 | 2323 | 2326 | rVB4 | 5626  | 5656  | 0.34% | 0.030% |
| 75 | 16.989 | 2326 | 2332 | 2335 | rBV6 | 13136 | 26050 | 1.58% | 0.137% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 17.112 | 2349 | 2353 | 2358 | rVV7 | 13075 | 20104 | 1.22% | 0.105% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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Instrument :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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\_G\Methods\SFAM-EPA-BG070224.MA.M  
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|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 17.277 | 2379 | 2381 | 2385 | rVB2 | 16811  | 16845   | 1.02%   | 0.088% |
| 78  | 17.335 | 2388 | 2391 | 2392 | rBV3 | 13695  | 15035   | 0.91%   | 0.079% |
| 79  | 17.406 | 2400 | 2403 | 2405 | rBV3 | 7347   | 9524    | 0.58%   | 0.050% |
| 80  | 17.459 | 2405 | 2412 | 2416 | rVV  | 508595 | 794283  | 48.06%  | 4.165% |
| 81  | 17.500 | 2416 | 2419 | 2423 | rVV  | 233167 | 327716  | 19.83%  | 1.718% |
| 82  | 17.559 | 2423 | 2429 | 2439 | rVB  | 657677 | 1064750 | 64.42%  | 5.583% |
| 83  | 17.858 | 2478 | 2480 | 2485 | rVB3 | 18322  | 22564   | 1.37%   | 0.118% |
| 84  | 17.935 | 2491 | 2493 | 2496 | rVB4 | 12125  | 11345   | 0.69%   | 0.059% |
| 85  | 18.041 | 2508 | 2511 | 2512 | rBV3 | 15880  | 15775   | 0.95%   | 0.083% |
| 86  | 18.111 | 2520 | 2523 | 2530 | rBV6 | 15866  | 19846   | 1.20%   | 0.104% |
| 87  | 18.334 | 2556 | 2561 | 2565 | rBV2 | 116734 | 171678  | 10.39%  | 0.900% |
| 88  | 18.375 | 2566 | 2568 | 2572 | rVB2 | 48173  | 57493   | 3.48%   | 0.301% |
| 89  | 18.522 | 2588 | 2593 | 2597 | rBV4 | 65370  | 129356  | 7.83%   | 0.678% |
| 90  | 18.622 | 2606 | 2610 | 2614 | rVB6 | 40751  | 57687   | 3.49%   | 0.302% |
| 91  | 18.863 | 2648 | 2651 | 2656 | rVB4 | 31549  | 49529   | 3.00%   | 0.260% |
| 92  | 19.503 | 2755 | 2760 | 2765 | rVB  | 448548 | 626534  | 37.91%  | 3.285% |
| 93  | 19.838 | 2811 | 2817 | 2820 | rBV  | 747961 | 1227253 | 74.26%  | 6.435% |
| 94  | 21.360 | 3071 | 3076 | 3086 | rVB2 | 429790 | 785117  | 47.50%  | 4.117% |
| 95  | 21.719 | 3130 | 3137 | 3142 | rBV2 | 511960 | 1104885 | 66.85%  | 5.793% |
| 96  | 22.529 | 3270 | 3275 | 3276 | rBV  | 323289 | 485678  | 29.39%  | 2.547% |
| 97  | 23.575 | 3449 | 3453 | 3464 | rVB  | 313217 | 615094  | 37.22%  | 3.225% |
| 98  | 24.045 | 3527 | 3533 | 3539 | rVB  | 785454 | 1611036 | 97.48%  | 8.447% |
| 99  | 25.532 | 3779 | 3786 | 3795 | rVB2 | 538951 | 1453637 | 87.95%  | 7.622% |
| 100 | 26.149 | 3883 | 3891 | 3904 | rVB2 | 533894 | 1652708 | 100.00% | 8.666% |

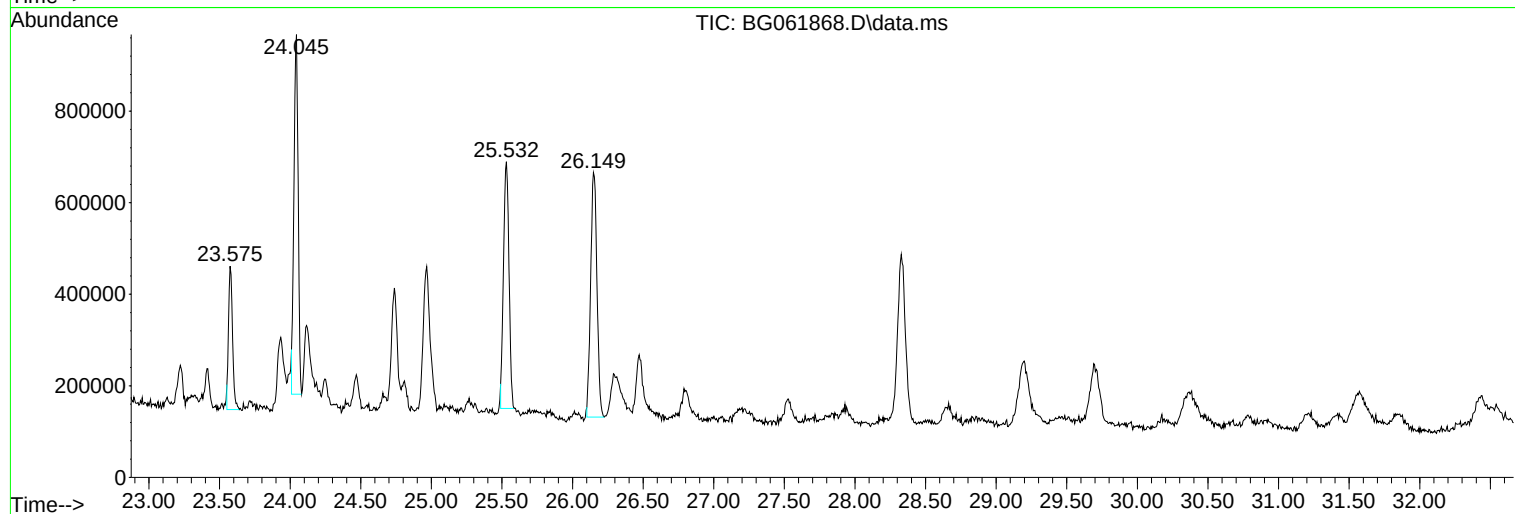
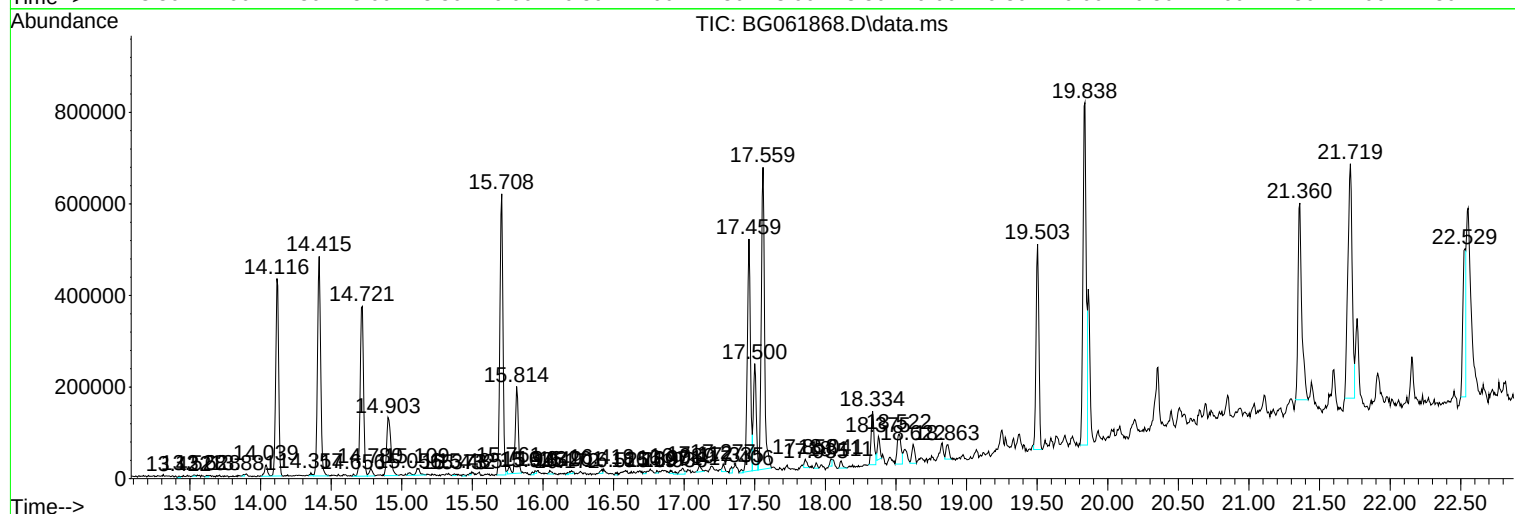
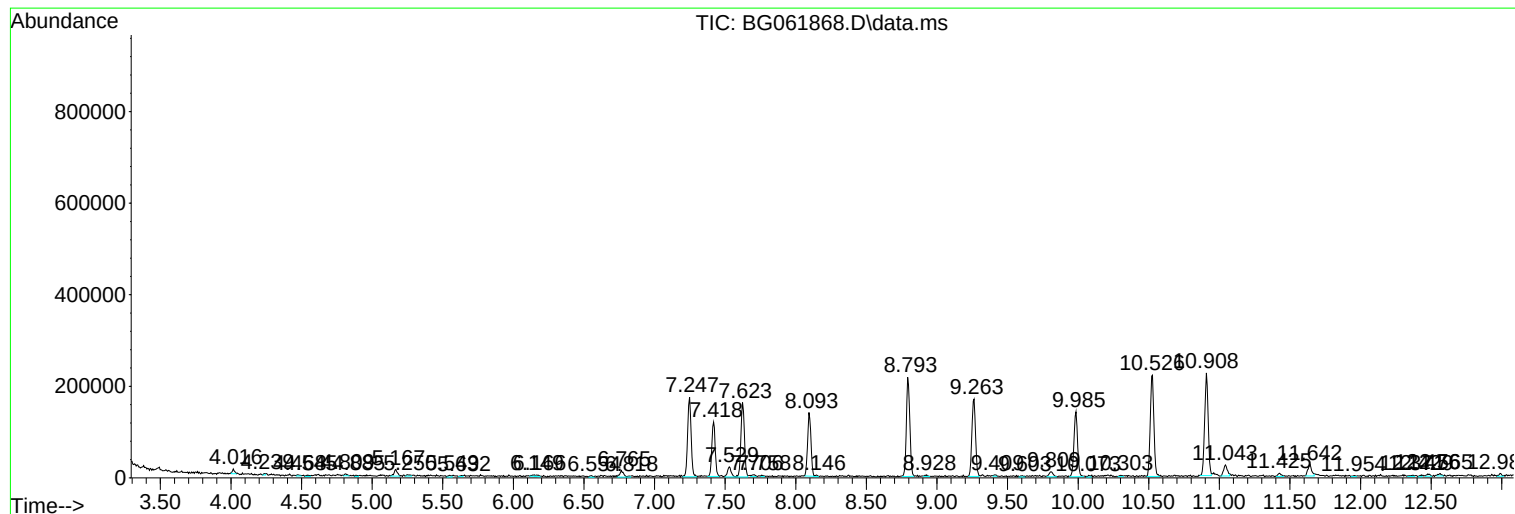
Sum of corrected areas: 19071935

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION

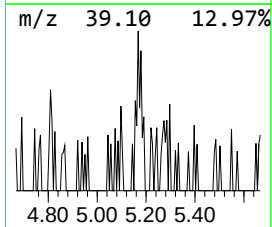
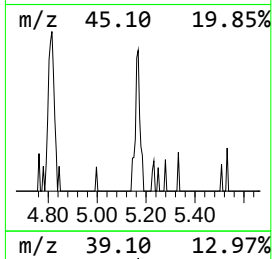
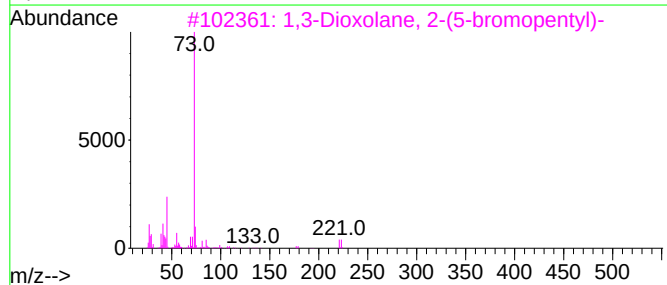
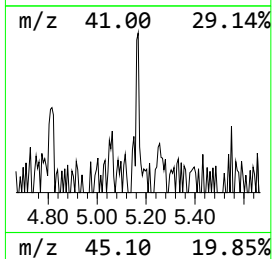
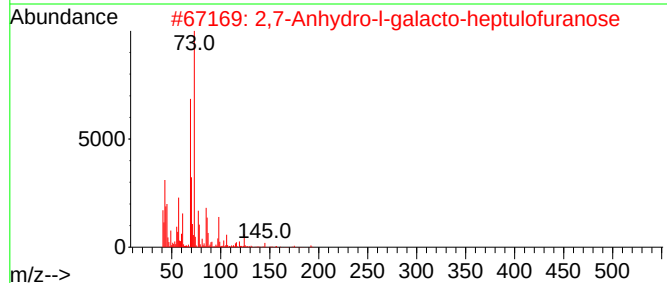
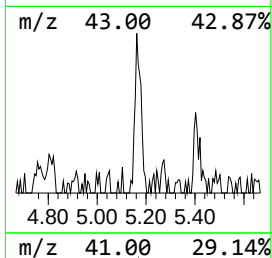
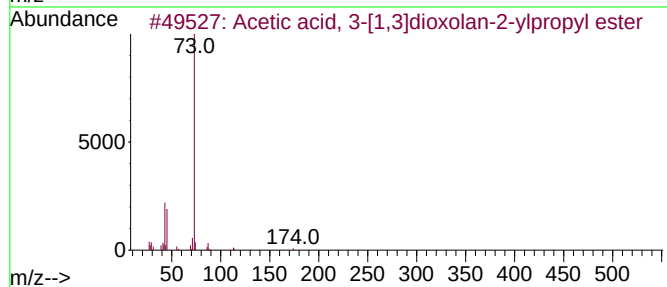
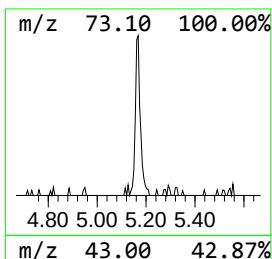
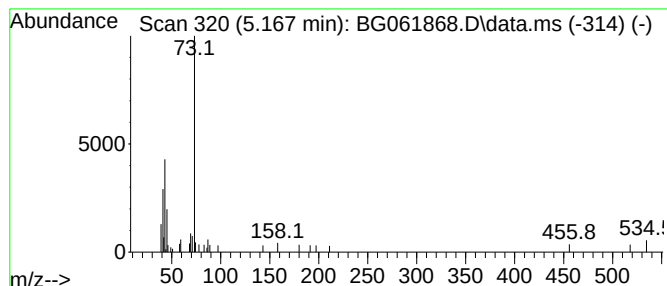
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 12

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.167 | 2.07 ng/ul | 23537 | 1,4-Dichlorobenzene-d4 | 8.093 |

| Hit# | of | 5 | Tentative ID                                  | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester | 174 | C8H14O4   | 1000186-02-3 | 25   |
| 2    |    |   | 2,7-Anhydro-1-galacto-heptulofuranose         | 192 | C7H12O6   | 1000126-01-5 | 25   |
| 3    |    |   | 1,3-Dioxolane, 2-(5-bromopentyl)-             | 222 | C8H15BrO2 | 056741-68-5  | 23   |
| 4    |    |   | 2-Methylbutane-1,4-diol, 3-(1-ethyl-)         | 192 | C9H20O4   | 088481-54-3  | 10   |
| 5    |    |   | Formic acid, 2-(4-nitrophenoxy)ethyl ester    | 211 | C9H9NO5   | 1000368-92-5 | 9    |



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Quant Title : SVOA CALIBRATION

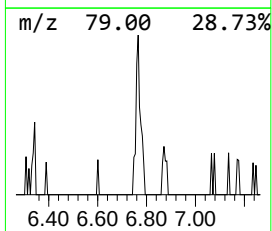
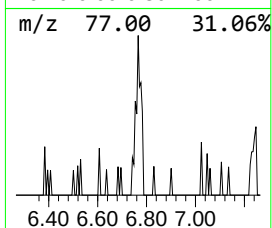
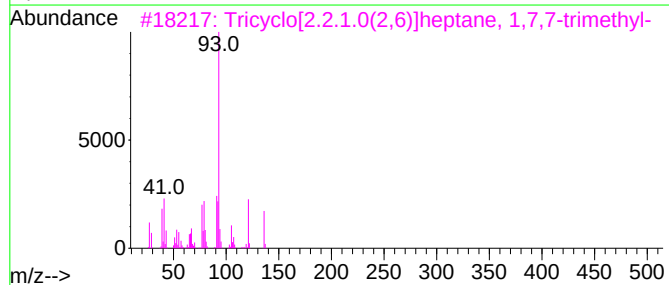
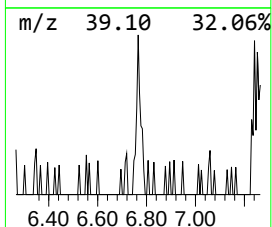
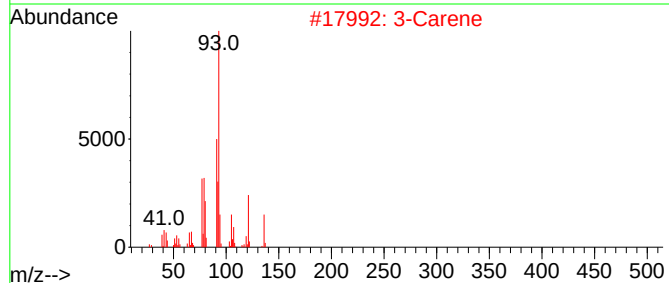
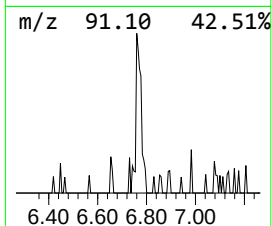
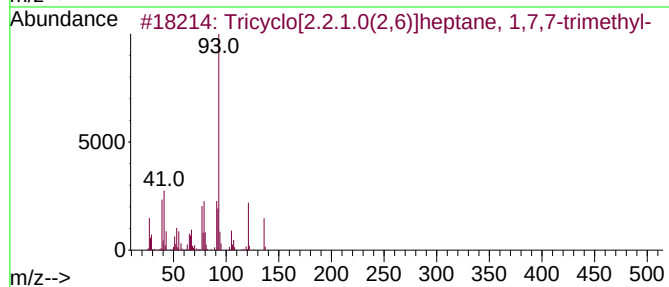
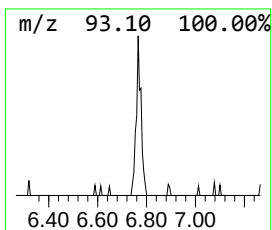
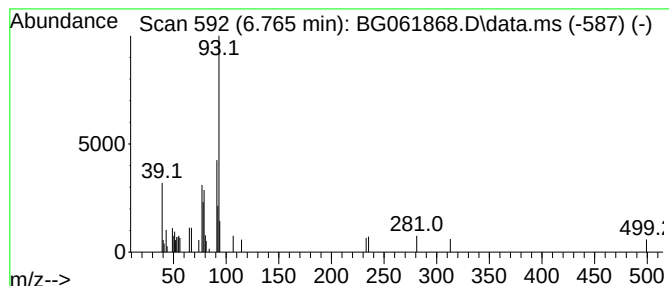
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 11

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.765 | 2.26 ng/ul | 25762 | 1,4-Dichlorobenzene-d4 | 8.093 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16  | 000508-32-7 | 59   |
| 2    |    |   | 3-Carene                            | 136 | C10H16  | 013466-78-9 | 59   |
| 3    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16  | 000508-32-7 | 59   |
| 4    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16  | 000508-32-7 | 59   |
| 5    |    |   | Bicyclo[3.1.0]hexan-2-ol, 2-meth... | 154 | C10H18O | 017699-16-0 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4CD3

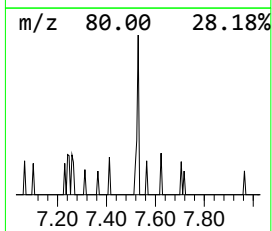
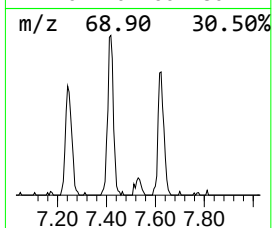
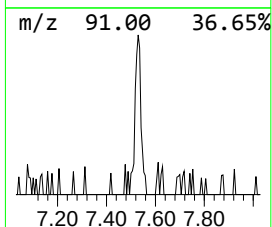
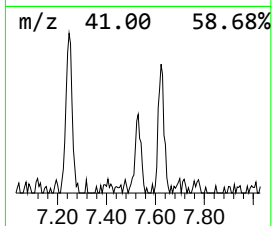
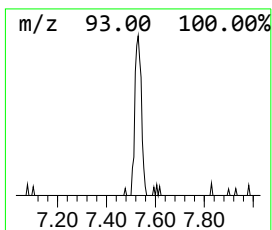
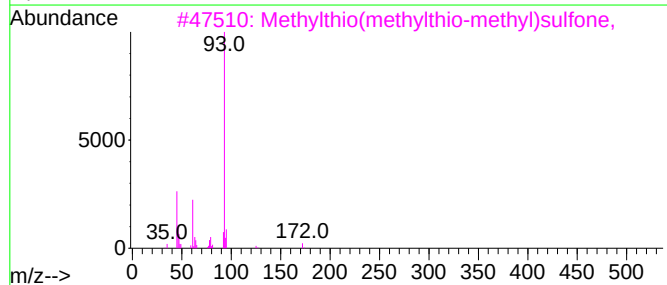
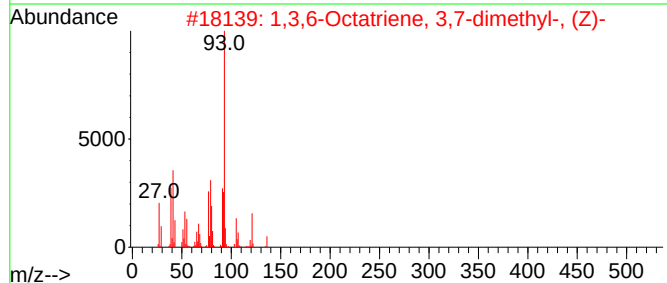
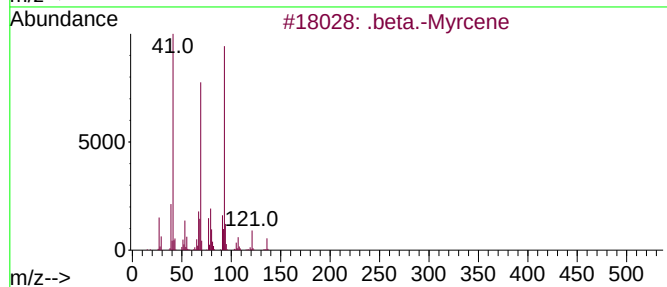
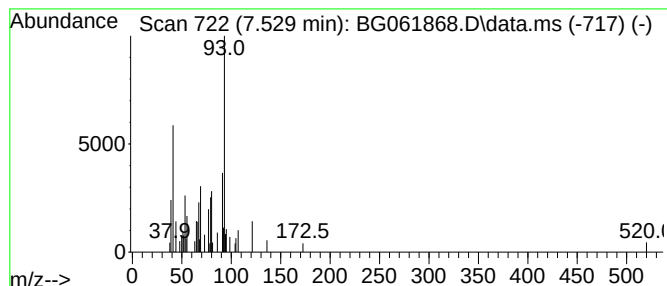
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 .beta.-Myrcene Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 7.529 | 3.47 ng/ul | 39461 | 1,4-Dichlorobenzene-d4 | 8.093 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | .beta.-Myrcene                      | 136 | C10H16   | 000123-35-3 | 58   |
| 2    |    |   | 1,3,6-Octatriene, 3,7-dimethyl-,... | 136 | C10H16   | 003338-55-4 | 52   |
| 3    |    |   | Methylthio(methylthio-methyl)sul... | 172 | C3H8O2S3 | 058000-45-6 | 50   |
| 4    |    |   | .alpha.-Pinene                      | 136 | C10H16   | 000080-56-8 | 47   |
| 5    |    |   | Aniline                             | 93  | C6H7N    | 000062-53-3 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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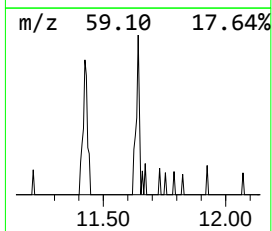
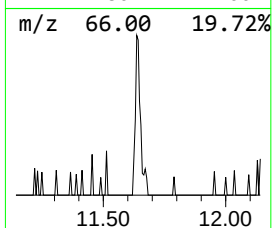
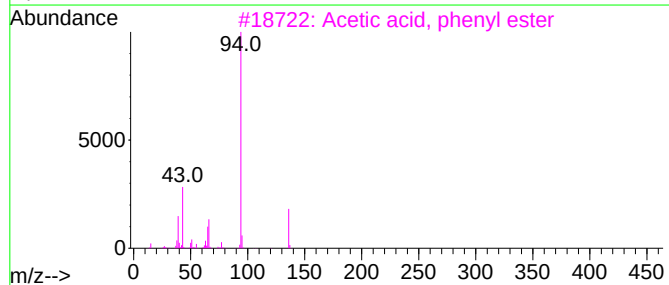
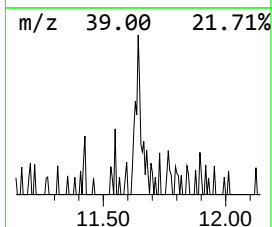
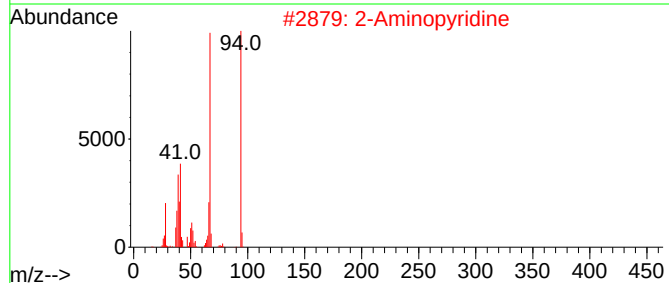
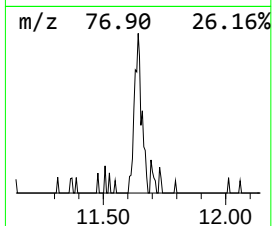
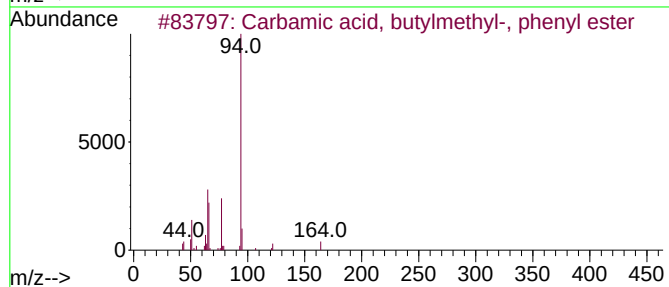
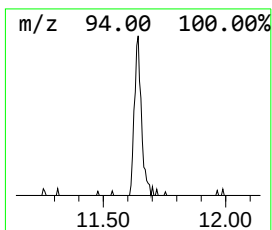
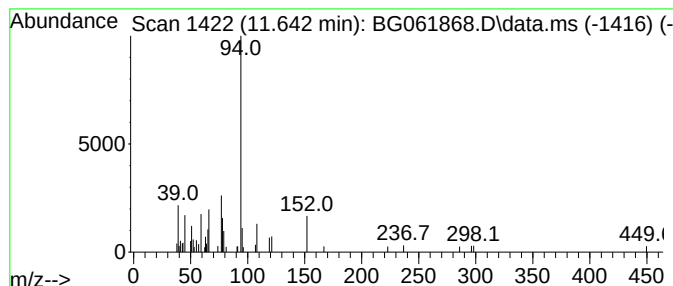
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Carbamic acid, butylmethyl-... Concentration Rank 10

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 11.642 | 2.45 ng/ul | 47392 | Naphthalene-d8   | 10.908 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Carbamic acid, butylmethyl-, phe... | 207 | C12H17NO2 | 054644-61-0 | 64   |
| 2    |    |   | 2-Aminopyridine                     | 94  | C5H6N2    | 000504-29-0 | 59   |
| 3    |    |   | Acetic acid, phenyl ester           | 136 | C8H8O2    | 000122-79-2 | 59   |
| 4    |    |   | Phenol                              | 94  | C6H6O     | 000108-95-2 | 59   |
| 5    |    |   | Ethyl 3-aminopicolinate             | 166 | C8H10N2O2 | 027507-15-9 | 59   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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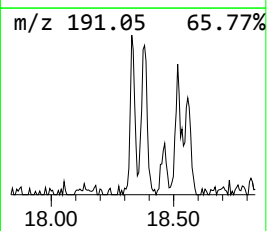
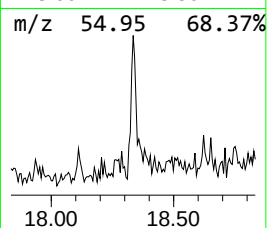
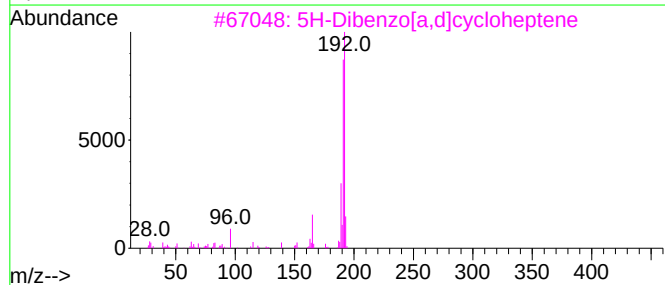
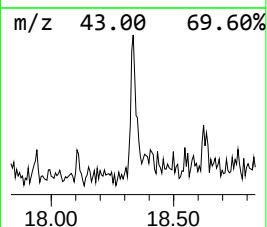
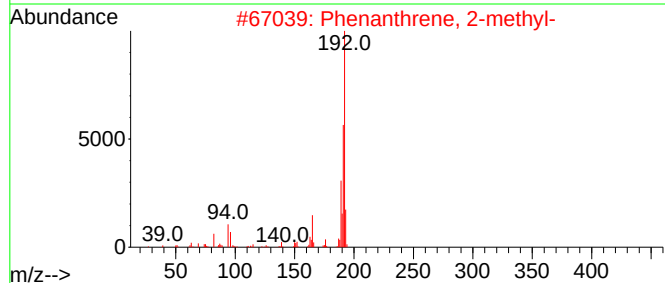
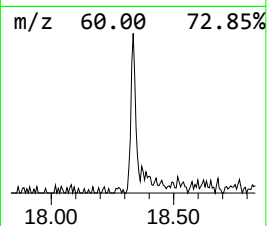
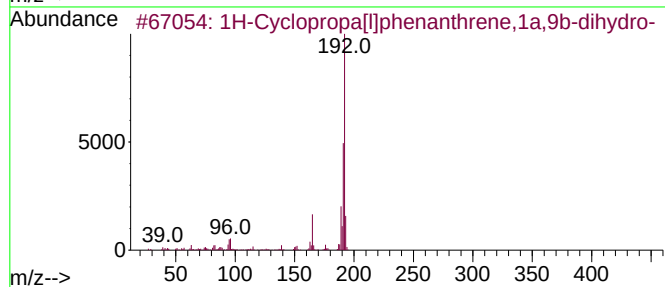
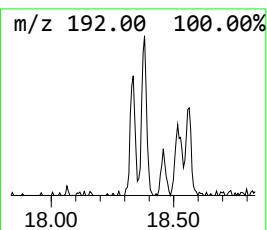
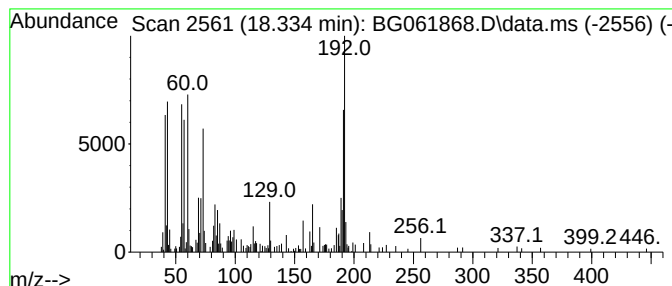
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.334 | 4.32 ng/ul | 171678 | Phenanthrene-d10 | 17.459 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 60   |
| 2    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 60   |
| 3    |    |   | 5H-Dibenzo[a,d]cycloheptene         | 192 | C15H12  | 000256-81-5 | 55   |
| 4    |    |   | Propyne, 1,3-diphenyl-              | 192 | C15H12  | 004980-70-5 | 49   |
| 5    |    |   | Naphtho[2,3-b]norbornadiene         | 192 | C15H12  | 107426-38-0 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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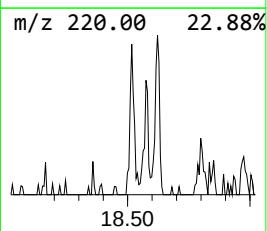
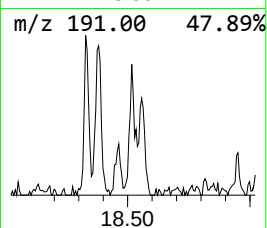
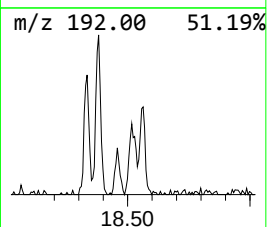
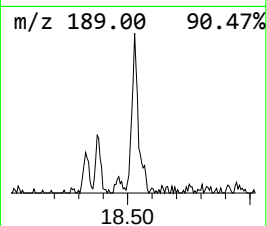
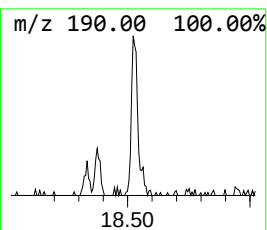
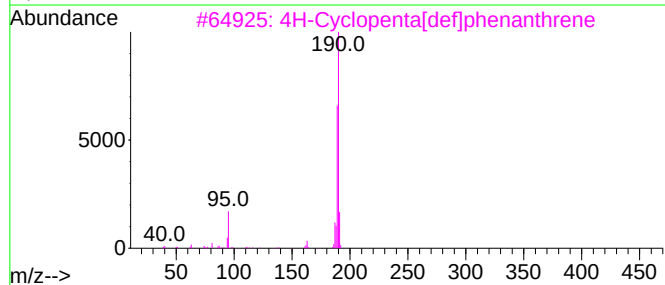
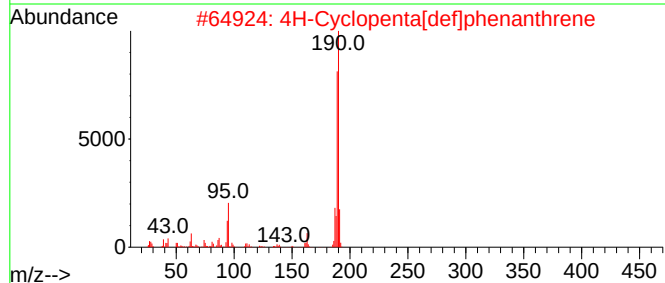
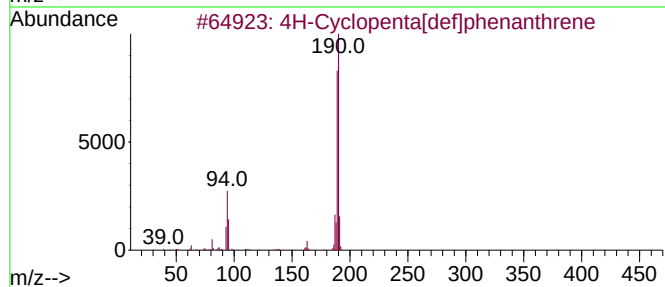
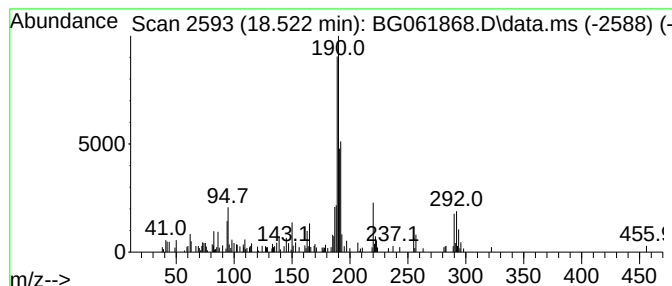
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 unknown-02 Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.522 | 3.26 ng/ul | 129356 | Phenanthrene-d10 | 17.459 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10       | 000203-64-5  | 47   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10       | 000203-64-5  | 46   |
| 3    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10       | 000203-64-5  | 43   |
| 4    |    |   | Methyl 3,5-dichloro-4-hydroxyben... | 220 | C8H6Cl2O3    | 003337-59-5  | 38   |
| 5    |    |   | Methyl 3-[2,4-dichlorophenyl]-3-... | 353 | C17H17Cl2NO3 | 1000254-09-2 | 27   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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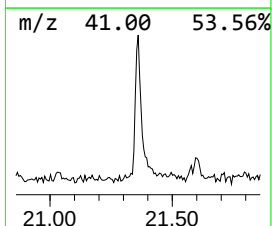
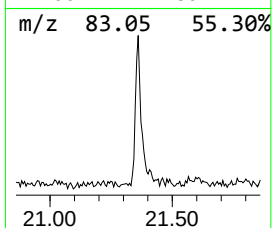
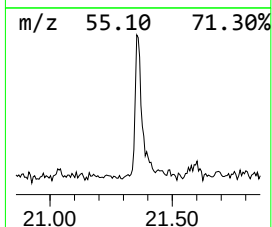
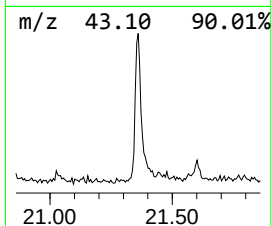
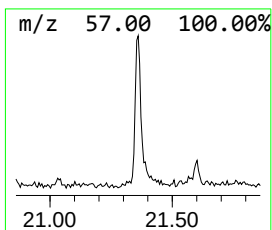
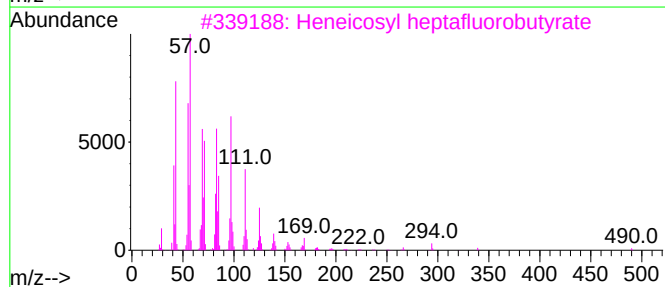
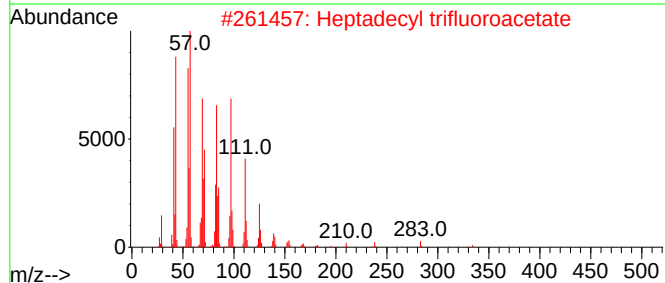
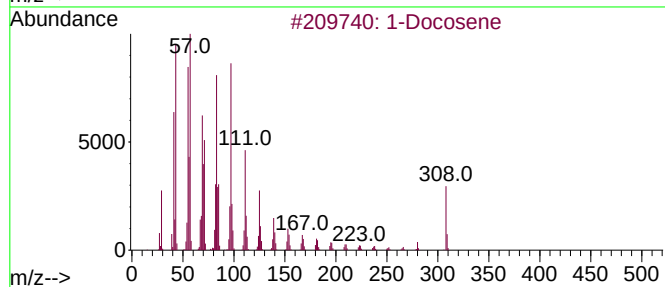
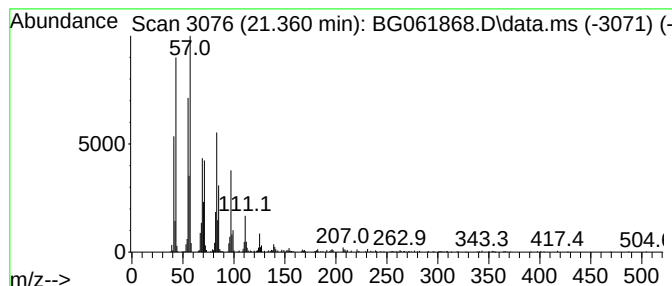
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 21.360 | 14.21 ng/ul | 785117 | Chrysene-d12     | 21.719 |

| Hit# | of                             | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|--------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Docosene                     |   |              | 308 | C22H44     | 001599-67-3  | 91   |
| 2    | Heptadecyl trifluoroacetate    |   |              | 352 | C19H35F3O2 | 1010351-87-0 | 87   |
| 3    | Heneicosyl heptafluorobutyrate |   |              | 508 | C25H43F7O2 | 1000351-83-8 | 87   |
| 4    | 17-Pentatriacontene            |   |              | 491 | C35H70     | 006971-40-0  | 87   |
| 5    | Oxirane, [(dodecyloxy)methyl]- |   |              | 242 | C15H30O2   | 002461-18-9  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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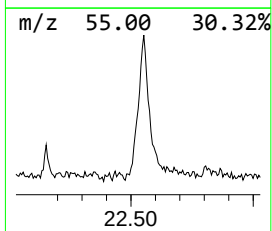
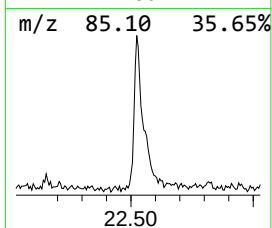
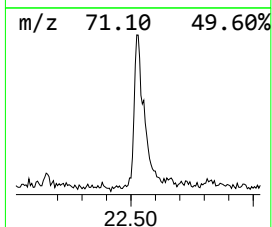
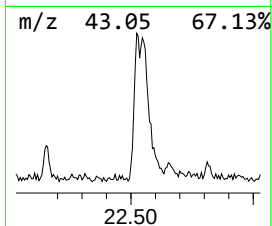
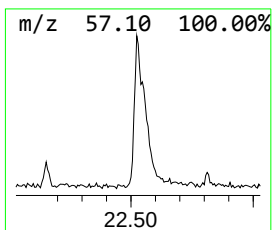
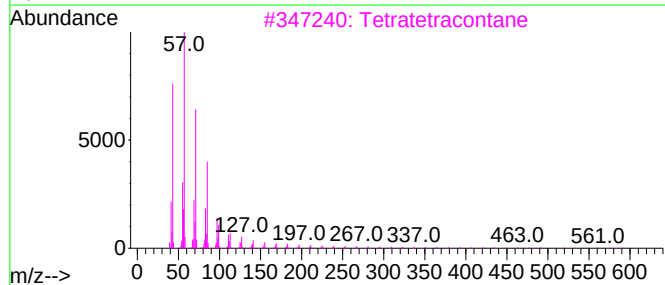
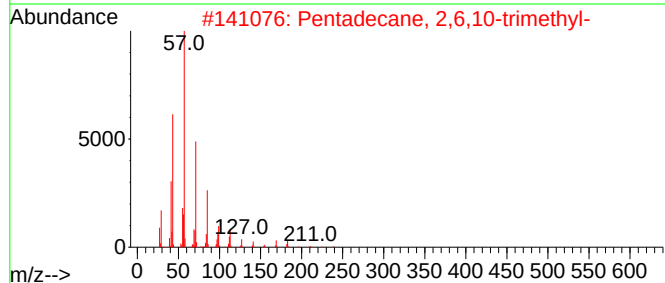
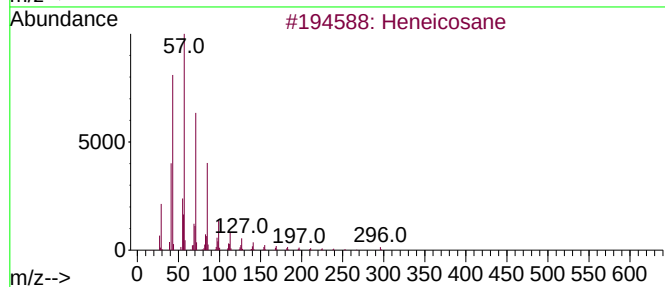
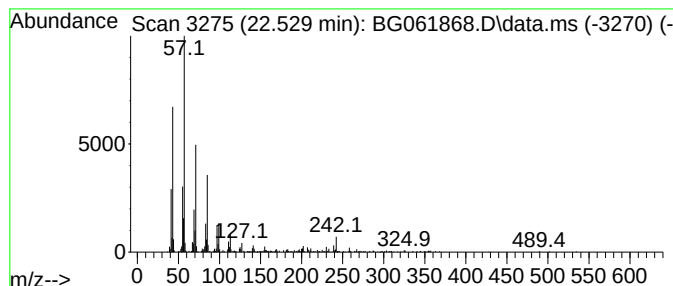
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.529 | 8.79 ng/ul | 485678 | Chrysene-d12     | 21.719 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Heneicosane                         | 296 | C21H44    | 000629-94-7  | 87   |
| 2    |      | Pentadecane, 2,6,10-trimethyl-      | 254 | C18H38    | 003892-00-0  | 87   |
| 3    |      | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 87   |
| 4    |      | Tridecane, 7-hexyl-                 | 268 | C19H40    | 007225-66-3  | 86   |
| 5    |      | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4CD3

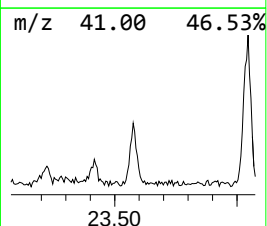
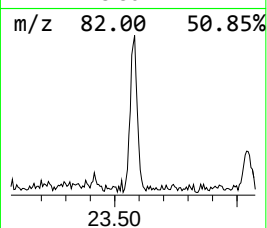
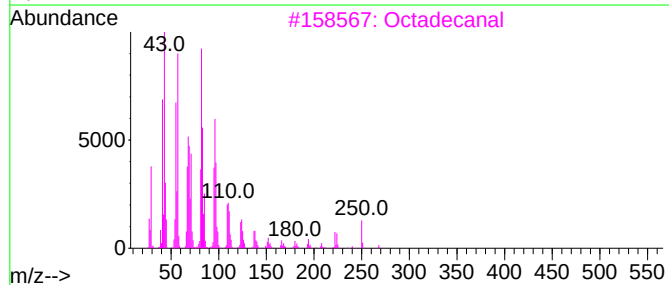
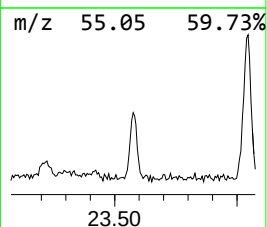
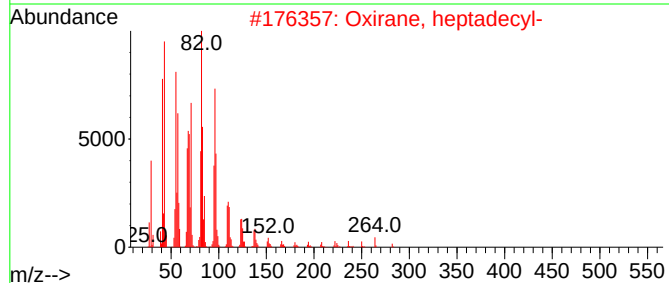
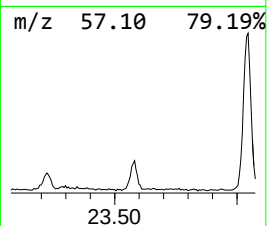
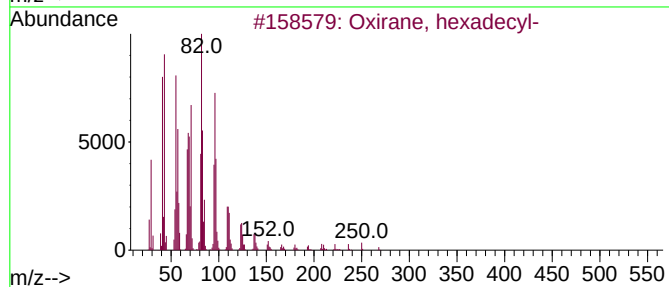
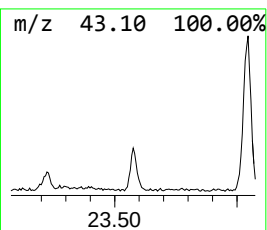
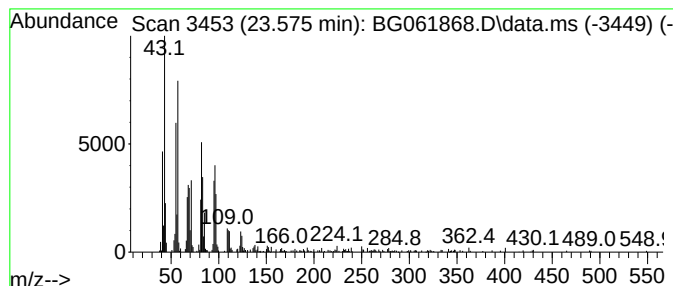
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Oxirane, hexadecyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 23.575 | 8.46 ng/ul | 615094 | Perylene-d12     | 24.968 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0 | 94   |
| 2    |    |   | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 94   |
| 3    |    |   | Octadecanal          | 268 | C18H36O | 000638-66-4 | 93   |
| 4    |    |   | 1,19-Eicosadiene     | 278 | C20H38  | 014811-95-1 | 91   |
| 5    |    |   | 14-Octadecenal       | 266 | C18H34O | 056554-89-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4CD3

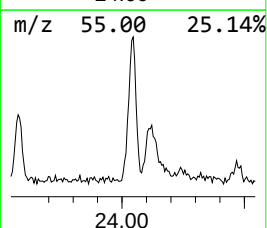
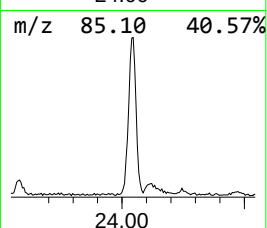
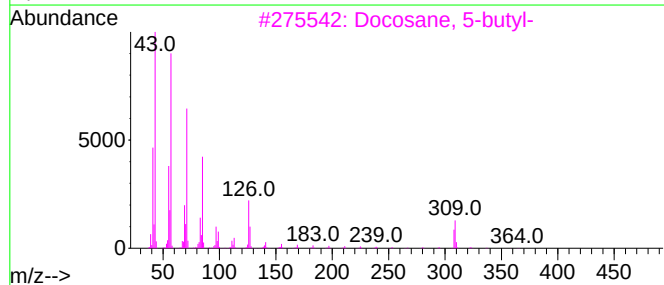
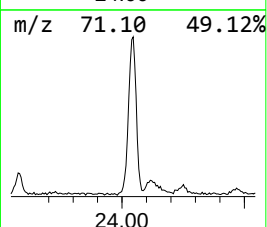
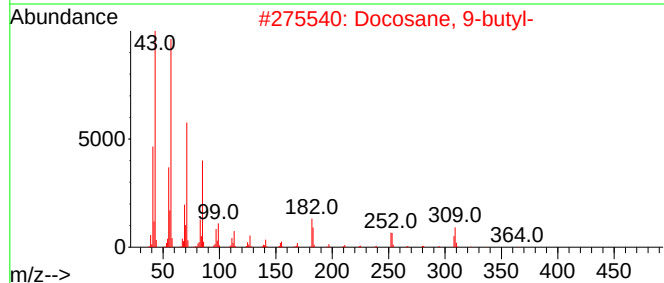
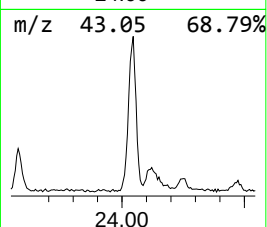
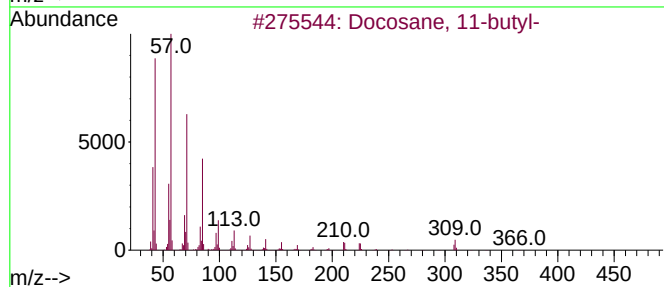
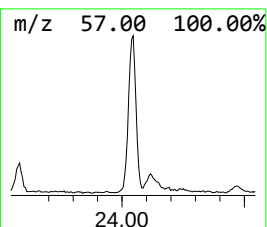
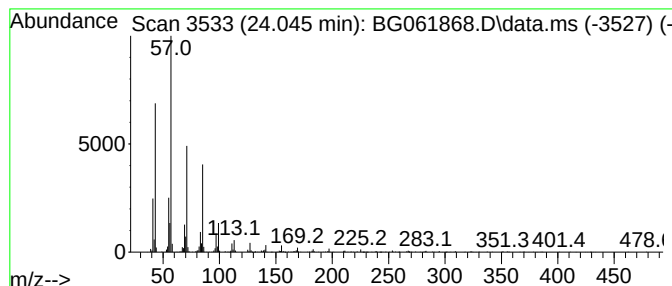
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.045 | 22.17 ng/ul | 1611040 | Perylene-d12     | 24.968 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------|-----|---------|-------------|------|
| 1    |      | Docosane, 11-butyl-        | 366 | C26H54  | 013475-76-8 | 93   |
| 2    |      | Docosane, 9-butyl-         | 366 | C26H54  | 055282-14-9 | 93   |
| 3    |      | Docosane, 5-butyl-         | 366 | C26H54  | 055282-16-1 | 91   |
| 4    |      | Heneicosane, 11-pentyl-    | 366 | C26H54  | 014739-72-1 | 90   |
| 5    |      | Hexadecane, 6,11-dipentyl- | 366 | C26H54  | 015874-03-0 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4CD3

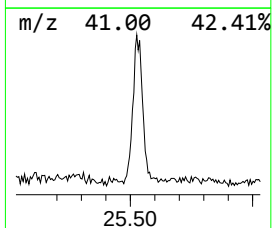
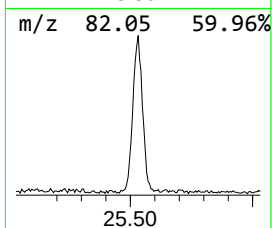
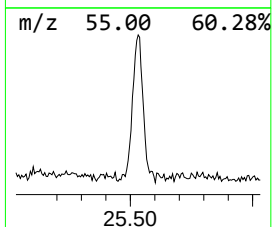
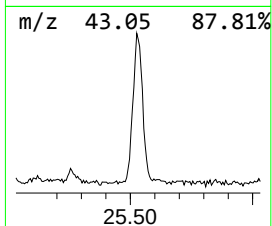
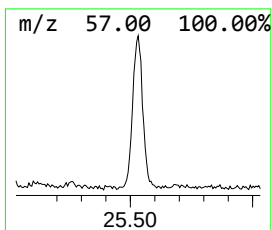
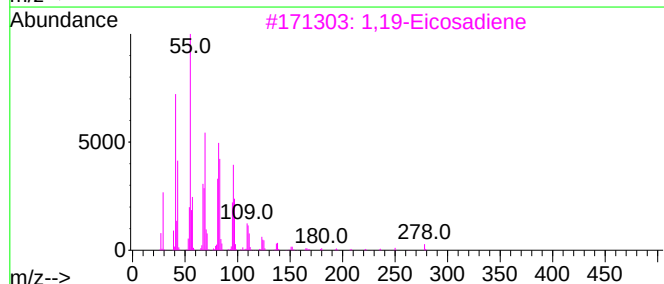
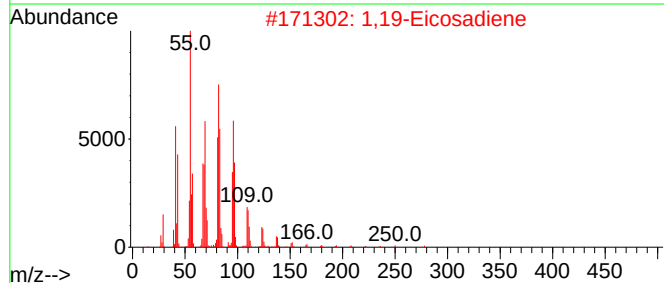
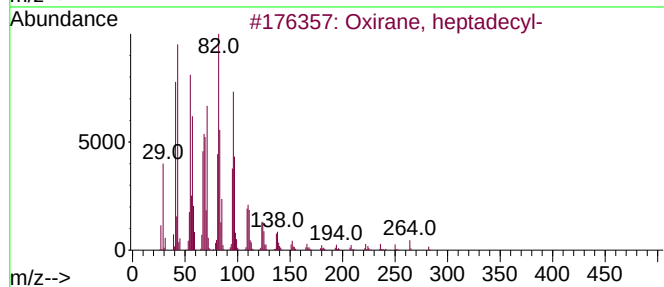
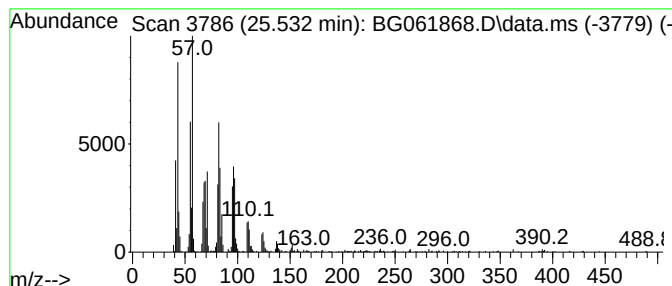
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 Oxirane, heptadecyl- Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 25.532 | 20.00 ng/ul | 1453640 | Perylene-d12     | 24.968 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 96   |
| 2    |    |   | 1,19-Eicosadiene     | 278 | C20H38  | 014811-95-1 | 96   |
| 3    |    |   | 1,19-Eicosadiene     | 278 | C20H38  | 014811-95-1 | 95   |
| 4    |    |   | Tetradecanal         | 212 | C14H28O | 000124-25-4 | 93   |
| 5    |    |   | Octadecanal          | 268 | C18H36O | 000638-66-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4CD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
Quant Title : SVOA CALIBRATION

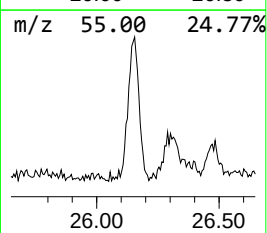
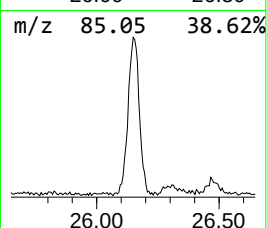
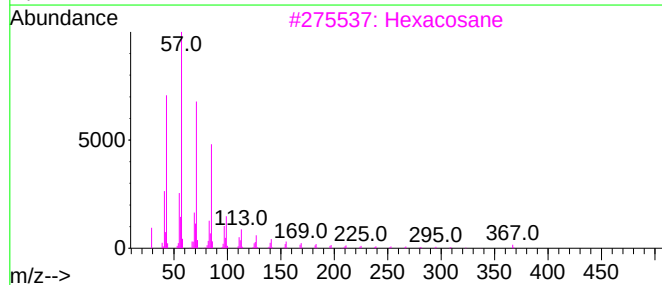
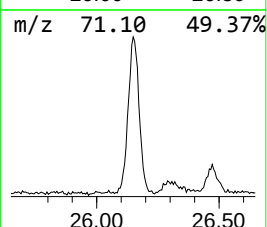
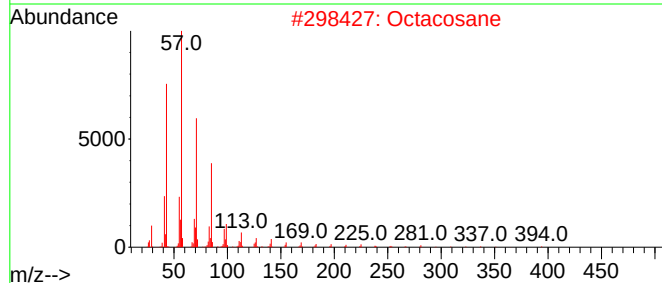
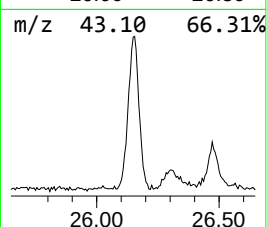
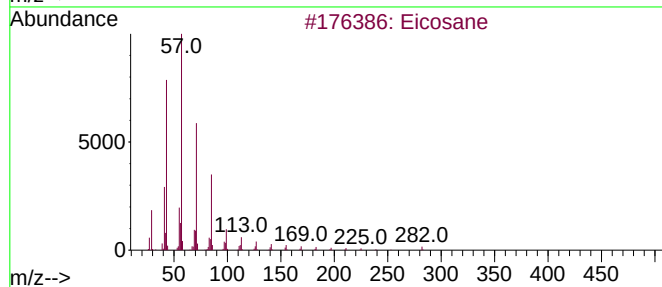
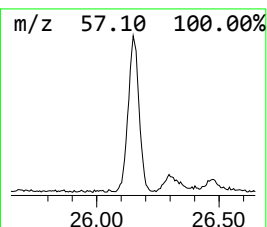
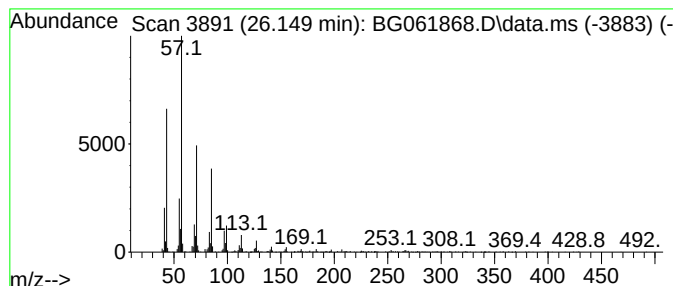
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 26.149 | 22.74 ng/ul | 1652710 | Perylene-d12     | 24.968 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 3    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 87   |
| 4    |    |   | Heptadecane           | 240 | C17H36  | 000629-78-7 | 86   |
| 5    |    |   | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 86   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070324\  
Data File : BG061868.D  
Acq On : 3 Jul 2024 17:42  
Operator : MA/JU  
Sample : P3065-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4CD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.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 |
| unknown-01         | 5.167  | 2.1     | ng/ul | 23537    | 1                     | 8.093  | 227730  | 20.0 |
| Tricyclo[2.2.1.... | 6.765  | 2.3     | ng/ul | 25762    | 1                     | 8.093  | 227730  | 20.0 |
| .beta.-Myrcene     | 7.529  | 3.5     | ng/ul | 39461    | 1                     | 8.093  | 227730  | 20.0 |
| Carbamic acid, ... | 11.642 | 2.5     | ng/ul | 47392    | 2                     | 10.908 | 387641  | 20.0 |
| 1H-Cyclopropa[1... | 18.334 | 4.3     | ng/ul | 171678   | 4                     | 17.459 | 794283  | 20.0 |
| unknown-02         | 18.522 | 3.3     | ng/ul | 129356   | 4                     | 17.459 | 794283  | 20.0 |
| (DEL) Alkane: S... | 21.360 | 14.2    | ng/ul | 785117   | 5                     | 21.719 | 1104890 | 20.0 |
| (DEL) Alkane: S... | 22.529 | 8.8     | ng/ul | 485678   | 5                     | 21.719 | 1104890 | 20.0 |
| Oxirane, hexade... | 23.575 | 8.5     | ng/ul | 615094   | 6                     | 24.968 | 1453640 | 20.0 |
| (DEL) Alkane: S... | 24.045 | 22.2    | ng/ul | 1611040  | 6                     | 24.968 | 1453640 | 20.0 |
| Oxirane, heptad... | 25.532 | 20.0    | ng/ul | 1453640  | 6                     | 24.968 | 1453640 | 20.0 |
| (DEL) Alkane: S... | 26.149 | 22.7    | ng/ul | 1652710  | 6                     | 24.968 | 1453640 | 20.0 |