

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
 Data File : BG049717.D  
 Acq On : 7 Aug 2021 23:39  
 Operator : CG/JU  
 Sample : M3244-01  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JCE01

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-BG080421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG049717.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         | 3.079       | 3             | 7           | 16           | rBV2     | 61414          | 138316        | 3.78%           | 0.718%        |
| 2         | 3.161       | 16            | 21          | 43           | rVB      | 268413         | 531036        | 14.50%          | 2.758%        |
| 3         | 3.972       | 153           | 159         | 162          | rBV3     | 3368           | 5838          | 0.16%           | 0.030%        |
| 4         | 4.189       | 192           | 196         | 200          | rVB4     | 3110           | 5348          | 0.15%           | 0.028%        |
| 5         | 4.412       | 227           | 234         | 241          | rBV2     | 39066          | 68084         | 1.86%           | 0.354%        |
| 6         | 4.559       | 256           | 259         | 264          | rVB3     | 6407           | 10227         | 0.28%           | 0.053%        |
| 7         | 4.829       | 299           | 305         | 311          | rBV2     | 28443          | 47844         | 1.31%           | 0.248%        |
| 8         | 5.117       | 351           | 354         | 359          | rVB3     | 2823           | 4189          | 0.11%           | 0.022%        |
| 9         | 5.217       | 367           | 371         | 377          | rBV3     | 3144           | 6424          | 0.18%           | 0.033%        |
| 10        | 6.028       | 499           | 509         | 511          | rBV5     | 6156           | 11652         | 0.32%           | 0.061%        |
| 11        | 6.069       | 514           | 516         | 520          | rVB3     | 4177           | 5213          | 0.14%           | 0.027%        |
| 12        | 7.203       | 699           | 709         | 717          | rBV2     | 74927          | 148917        | 4.07%           | 0.773%        |
| 13        | 7.361       | 730           | 736         | 746          | rBV      | 55961          | 103423        | 2.82%           | 0.537%        |
| 14        | 7.573       | 766           | 772         | 782          | rVB      | 80971          | 147218        | 4.02%           | 0.765%        |
| 15        | 7.720       | 795           | 797         | 800          | rBV3     | 4034           | 4652          | 0.13%           | 0.024%        |
| 16        | 8.043       | 843           | 852         | 859          | rBV      | 127788         | 221161        | 6.04%           | 1.149%        |
| 17        | 8.178       | 870           | 875         | 879          | rVB3     | 6218           | 9580          | 0.26%           | 0.050%        |
| 18        | 8.754       | 967           | 973         | 984          | rVB2     | 85928          | 160034        | 4.37%           | 0.831%        |
| 19        | 8.871       | 988           | 993         | 997          | rBV4     | 3958           | 5772          | 0.16%           | 0.030%        |
| 20        | 9.212       | 1041          | 1051        | 1059         | rBV2     | 91285          | 164954        | 4.50%           | 0.857%        |
| 21        | 9.364       | 1072          | 1077        | 1085         | rVB3     | 11807          | 21177         | 0.58%           | 0.110%        |
| 22        | 9.940       | 1167          | 1175        | 1183         | rBV2     | 80657          | 145460        | 3.97%           | 0.755%        |
| 23        | 10.252      | 1225          | 1228        | 1230         | rBV3     | 3227           | 4022          | 0.11%           | 0.021%        |
| 24        | 10.486      | 1260          | 1268        | 1277         | rBV2     | 108766         | 208822        | 5.70%           | 1.084%        |
| 25        | 10.627      | 1287          | 1292        | 1293         | rBV3     | 5041           | 5187          | 0.14%           | 0.027%        |
| 26        | 10.862      | 1325          | 1332        | 1339         | rVV      | 164820         | 306387        | 8.37%           | 1.591%        |
| 27        | 10.945      | 1342          | 1346        | 1350         | rVB2     | 3631           | 4545          | 0.12%           | 0.024%        |
| 28        | 11.438      | 1425          | 1430        | 1432         | rBV4     | 2646           | 4270          | 0.12%           | 0.022%        |
| 29        | 11.661      | 1463          | 1468        | 1475         | rVB4     | 5032           | 10575         | 0.29%           | 0.055%        |
| 30        | 11.802      | 1488          | 1492        | 1498         | rVB4     | 6491           | 10895         | 0.30%           | 0.057%        |
| 31        | 11.890      | 1505          | 1507        | 1513         | rVB5     | 4163           | 5399          | 0.15%           | 0.028%        |
| 32        | 12.308      | 1573          | 1578        | 1583         | rVB4     | 2133           | 3926          | 0.11%           | 0.020%        |
| 33        | 12.402      | 1590          | 1594        | 1599         | rBV4     | 7731           | 10601         | 0.29%           | 0.055%        |
| 34        | 12.584      | 1621          | 1625        | 1629         | rBV4     | 2129           | 4226          | 0.12%           | 0.022%        |
| 35        | 13.054      | 1701          | 1705        | 1710         | rVB5     | 4915           | 7797          | 0.21%           | 0.040%        |
| 36        | 13.136      | 1715          | 1719        | 1725         | rBV5     | 8115           | 11976         | 0.33%           | 0.062%        |

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 JCE01

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-BG080421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 37 | 13.300 | 1739 | 1747 | 1750 | rBV4 | 3221 | 7327  | 0.20% | 0.038% |
| 38 | 13.559 | 1785 | 1791 | 1795 | rBV5 | 5209 | 11471 | 0.31% | 0.060% |
| 39 | 13.612 | 1797 | 1800 | 1805 | rVB3 | 8283 | 13312 | 0.36% | 0.069% |
| 40 | 13.970 | 1855 | 1861 | 1865 | rBV5 | 2468 | 4551  | 0.12% | 0.024% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 41 | 14.093 | 1875 | 1882 | 1889 | rBV  | 204037 | 303392 | 8.28% | 1.576% |
| 42 | 14.164 | 1892 | 1894 | 1897 | rVB2 | 4023   | 4341   | 0.12% | 0.023% |
| 43 | 14.322 | 1913 | 1921 | 1927 | rBV4 | 12010  | 26203  | 0.72% | 0.136% |
| 44 | 14.387 | 1927 | 1932 | 1941 | rVB  | 224377 | 362854 | 9.91% | 1.884% |
| 45 | 14.546 | 1956 | 1959 | 1962 | rVV3 | 5776   | 5951   | 0.16% | 0.031% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 14.581 | 1962 | 1965 | 1968 | rVB4 | 3797   | 5043   | 0.14%  | 0.026% |
| 47 | 14.693 | 1977 | 1984 | 1992 | rBV  | 258211 | 413233 | 11.28% | 2.146% |
| 48 | 14.904 | 2014 | 2020 | 2031 | rBV4 | 24208  | 55041  | 1.50%  | 0.286% |
| 49 | 15.098 | 2049 | 2053 | 2061 | rBV6 | 11089  | 24215  | 0.66%  | 0.126% |
| 50 | 15.345 | 2090 | 2095 | 2097 | rBV6 | 3803   | 5482   | 0.15%  | 0.028% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 15.427 | 2104 | 2109 | 2114 | rVB  | 41403  | 54472  | 1.49%  | 0.283% |
| 52 | 15.497 | 2114 | 2121 | 2128 | rBV3 | 35401  | 73132  | 2.00%  | 0.380% |
| 53 | 15.685 | 2147 | 2153 | 2160 | rVB  | 286917 | 450398 | 12.30% | 2.339% |
| 54 | 15.809 | 2167 | 2174 | 2179 | rBV2 | 62341  | 98976  | 2.70%  | 0.514% |
| 55 | 15.973 | 2200 | 2202 | 2206 | rBV3 | 2924   | 3930   | 0.11%  | 0.020% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 56 | 16.243 | 2242 | 2248 | 2255 | rVB6 | 17965 | 30443 | 0.83% | 0.158% |
| 57 | 16.390 | 2270 | 2273 | 2277 | rBV6 | 5916  | 9283  | 0.25% | 0.048% |
| 58 | 16.572 | 2294 | 2304 | 2310 | rBV6 | 20090 | 44397 | 1.21% | 0.231% |
| 59 | 16.725 | 2326 | 2330 | 2331 | rBV4 | 4626  | 5114  | 0.14% | 0.027% |
| 60 | 16.831 | 2343 | 2348 | 2354 | rBV4 | 27640 | 42739 | 1.17% | 0.222% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 17.195 | 2405 | 2410 | 2415 | rBV4 | 28727  | 48278  | 1.32%  | 0.251% |
| 62 | 17.330 | 2429 | 2433 | 2434 | rBV4 | 22521  | 28182  | 0.77%  | 0.146% |
| 63 | 17.448 | 2447 | 2453 | 2458 | rVV  | 277000 | 431010 | 11.77% | 2.238% |
| 64 | 17.542 | 2462 | 2469 | 2476 | rVB2 | 238741 | 396140 | 10.82% | 2.057% |
| 65 | 17.647 | 2484 | 2487 | 2491 | rBV5 | 18187  | 21756  | 0.59%  | 0.113% |

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 66 | 18.100 | 2560 | 2564 | 2569 | rVB4 | 21872  | 29272  | 0.80% | 0.152% |
| 67 | 18.205 | 2580 | 2582 | 2587 | rVB5 | 10287  | 14516  | 0.40% | 0.075% |
| 68 | 18.276 | 2590 | 2594 | 2599 | rVB5 | 13327  | 19245  | 0.53% | 0.100% |
| 69 | 18.329 | 2599 | 2603 | 2612 | rBV2 | 120885 | 183970 | 5.02% | 0.955% |
| 70 | 18.617 | 2649 | 2652 | 2654 | rBV3 | 15530  | 19065  | 0.52% | 0.099% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 71 | 18.646 | 2654 | 2657 | 2666 | rVB7 | 50954 | 79657 | 2.18% | 0.414% |
| 72 | 18.793 | 2679 | 2682 | 2684 | rBV3 | 15173 | 18294 | 0.50% | 0.095% |
| 73 | 18.981 | 2711 | 2714 | 2719 | rBV6 | 40922 | 56914 | 1.55% | 0.296% |
| 74 | 19.181 | 2746 | 2748 | 2752 | rVB4 | 20043 | 21696 | 0.59% | 0.113% |
| 75 | 19.257 | 2756 | 2761 | 2765 | rVV4 | 52592 | 93509 | 2.55% | 0.486% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 19.298 | 2765 | 2768 | 2771 | rVB3 | 30049 | 33455 | 0.91% | 0.174% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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Instrument :  
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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-BG080421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 19.480 | 2796 | 2799 | 2806 | rVB5 | 42224   | 63961   | 1.75%   | 0.332%  |
| 78 | 19.598 | 2816 | 2819 | 2822 | rBV4 | 29025   | 35746   | 0.98%   | 0.186%  |
| 79 | 19.833 | 2854 | 2859 | 2865 | rVB2 | 308093  | 456105  | 12.45%  | 2.369%  |
| 80 | 20.320 | 2938 | 2942 | 2944 | rBV2 | 113565  | 148571  | 4.06%   | 0.772%  |
| 81 | 20.350 | 2944 | 2947 | 2956 | rVB  | 118938  | 165049  | 4.51%   | 0.857%  |
| 82 | 20.679 | 2999 | 3003 | 3010 | rVB7 | 64679   | 137608  | 3.76%   | 0.715%  |
| 83 | 20.790 | 3019 | 3022 | 3026 | rBV  | 88940   | 114764  | 3.13%   | 0.596%  |
| 84 | 21.025 | 3057 | 3062 | 3070 | rBV4 | 116883  | 198501  | 5.42%   | 1.031%  |
| 85 | 21.354 | 3113 | 3118 | 3130 | rBV  | 945704  | 1434656 | 39.18%  | 7.450%  |
| 86 | 21.730 | 3177 | 3182 | 3190 | rVB  | 295053  | 491282  | 13.42%  | 2.551%  |
| 87 | 22.159 | 3250 | 3255 | 3261 | rVB  | 203338  | 309928  | 8.46%   | 1.610%  |
| 88 | 22.553 | 3313 | 3322 | 3337 | rVB2 | 473054  | 1426726 | 38.96%  | 7.409%  |
| 89 | 23.592 | 3492 | 3499 | 3509 | rVB2 | 678349  | 1415765 | 38.66%  | 7.352%  |
| 90 | 24.056 | 3572 | 3578 | 3583 | rBV2 | 147291  | 317262  | 8.66%   | 1.648%  |
| 91 | 24.121 | 3583 | 3589 | 3602 | rVB  | 374705  | 948763  | 25.91%  | 4.927%  |
| 92 | 25.014 | 3733 | 3741 | 3749 | rBV2 | 155211  | 429158  | 11.72%  | 2.229%  |
| 93 | 25.560 | 3825 | 3834 | 3846 | rVB2 | 496013  | 1384539 | 37.81%  | 7.190%  |
| 94 | 26.330 | 3953 | 3965 | 3982 | rBV  | 1063917 | 3662163 | 100.00% | 19.018% |

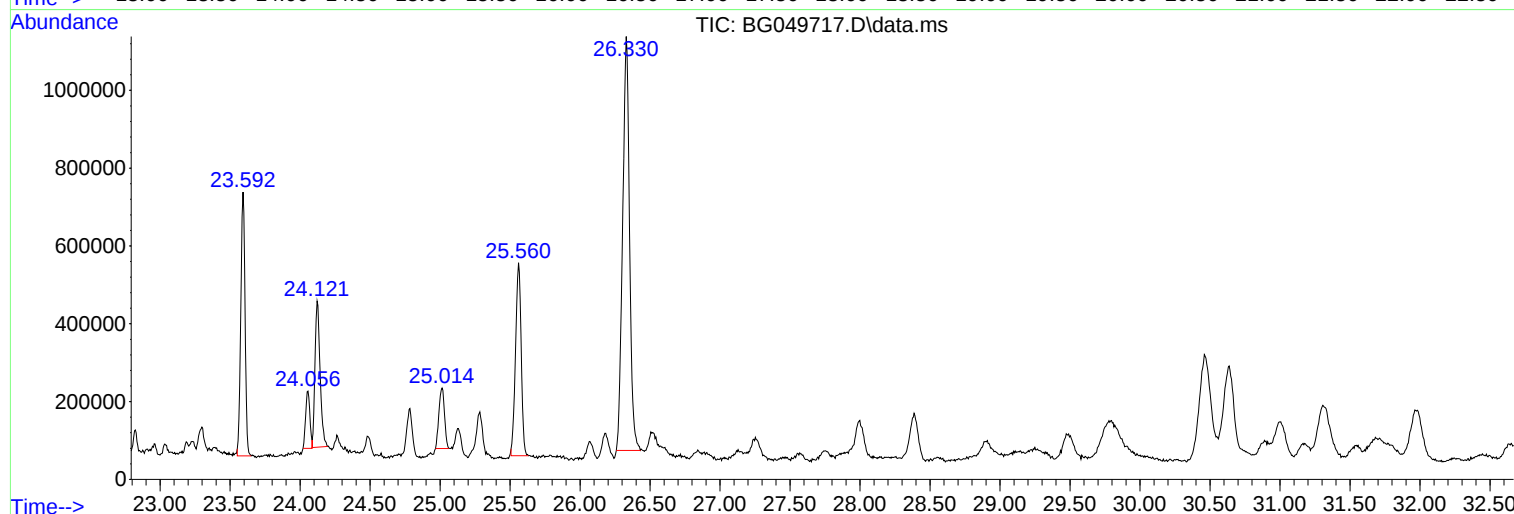
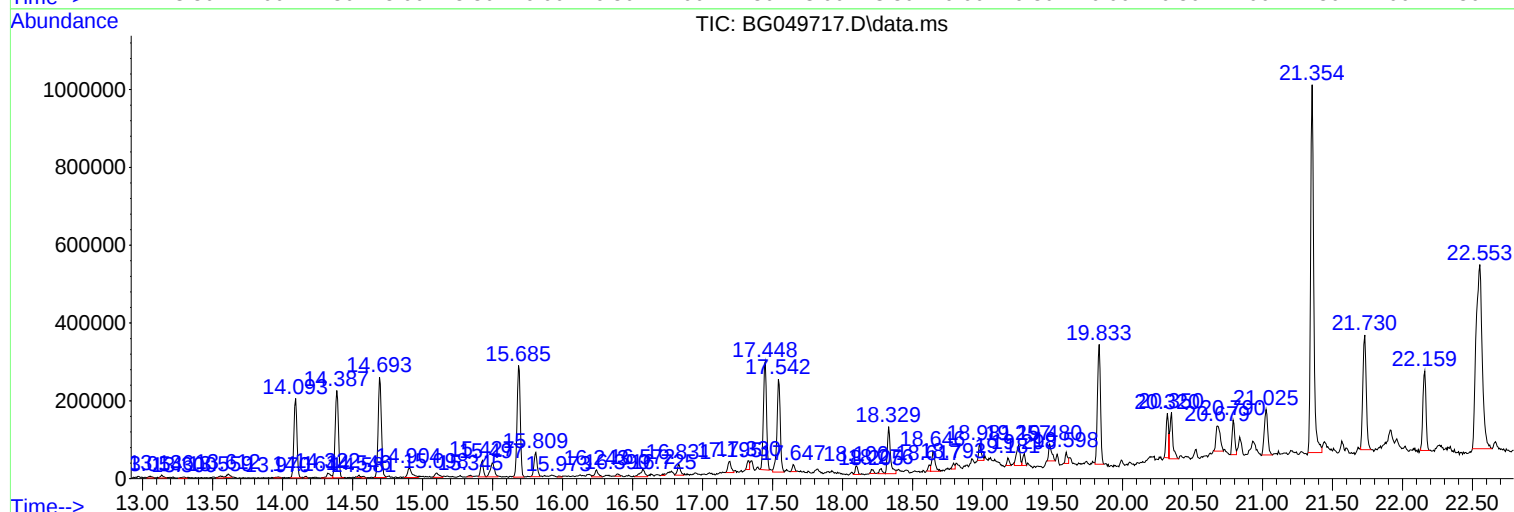
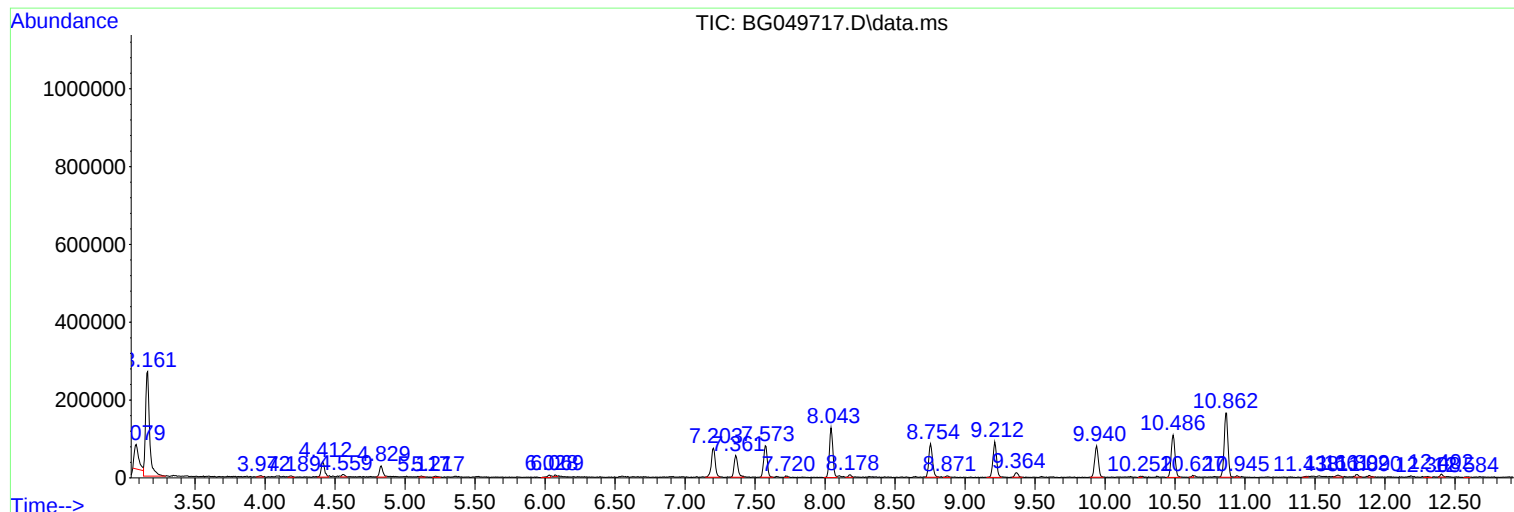
Sum of corrected areas: 19255953

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
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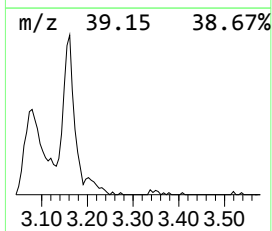
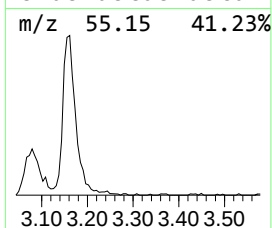
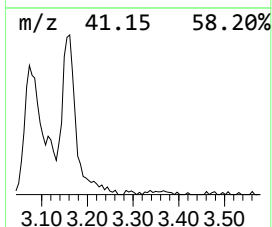
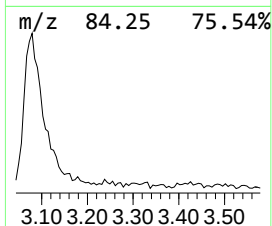
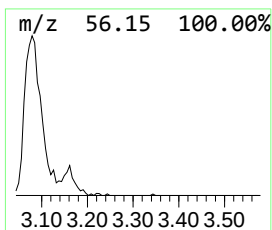
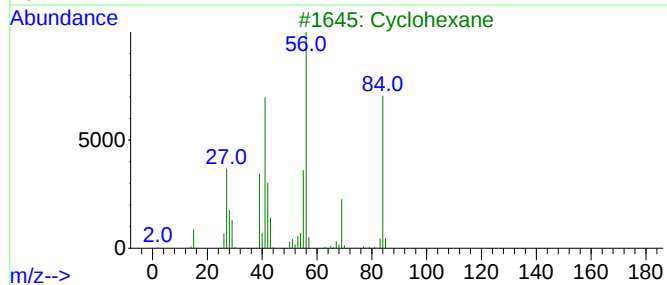
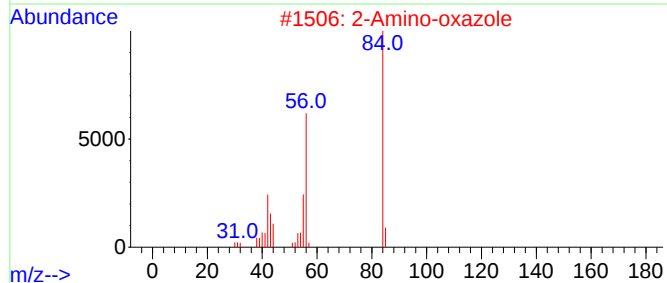
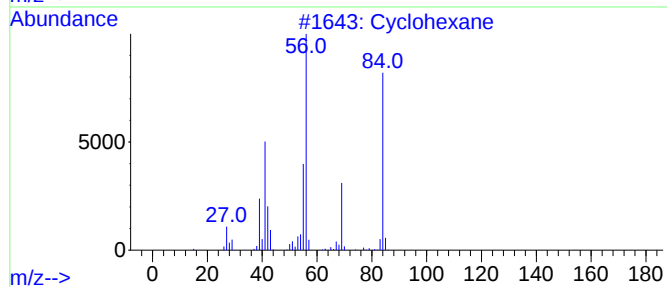
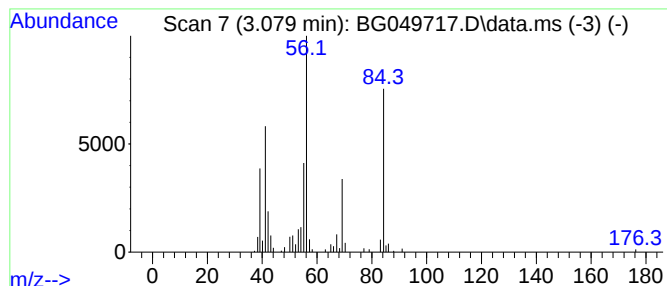
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic3.079 Concentration Rank 10

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.079 | 12.51 ng/ul | 138316 | 1,4-Dichlorobenzene-d4 | 8.043 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 81   |
| 2    |    |   | 2-Amino-oxazole | 84 | C3H4N2O | 004570-45-0 | 64   |
| 3    |    |   | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 59   |
| 4    |    |   | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 59   |
| 5    |    |   | Cyclohexane     | 84 | C6H12   | 000110-82-7 | 58   |



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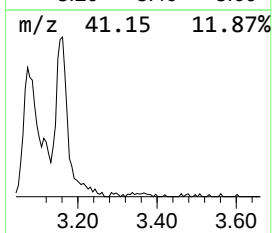
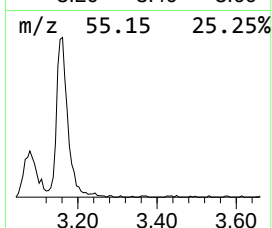
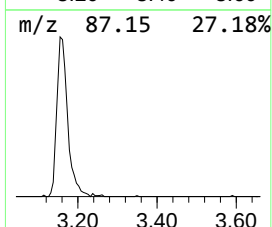
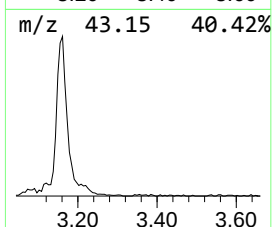
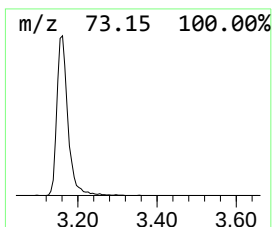
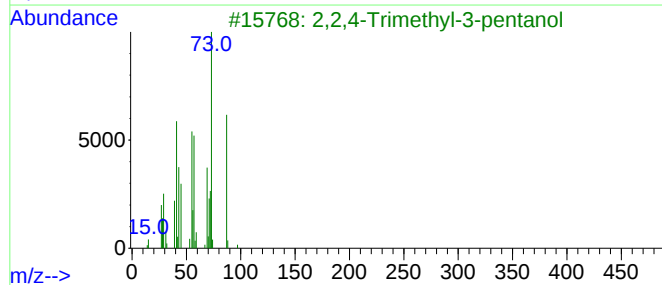
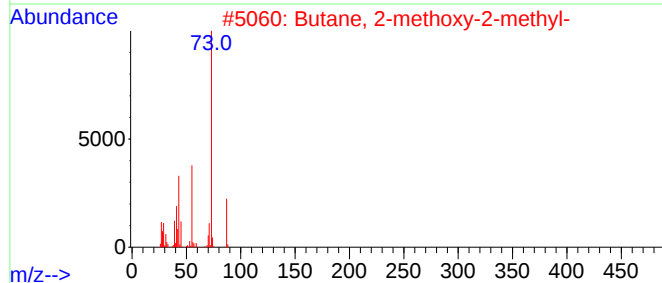
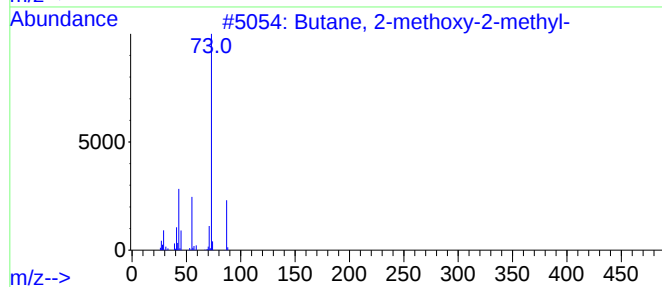
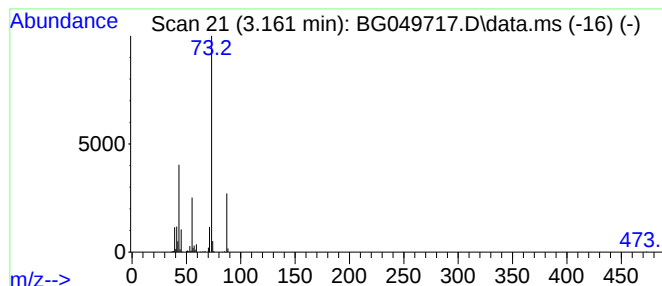
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.161 | 48.02 ng/ul | 531036 | 1,4-Dichlorobenzene-d4 | 8.043 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 56   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 35   |
| 5    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 32   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

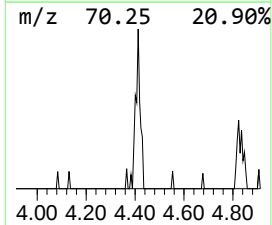
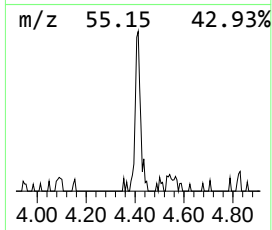
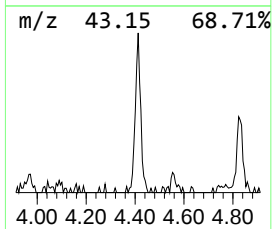
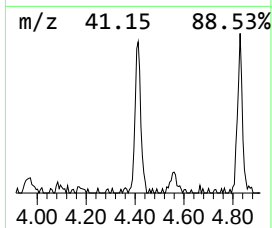
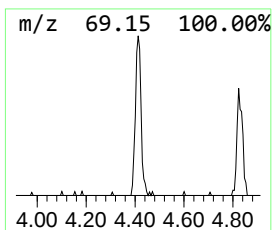
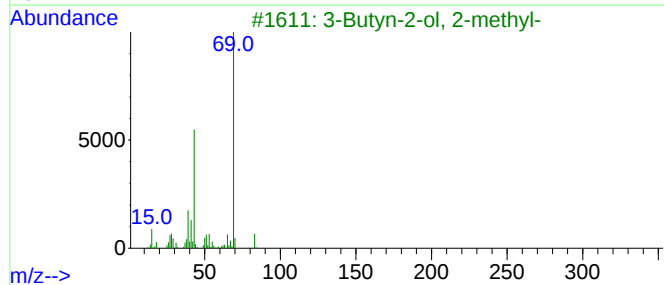
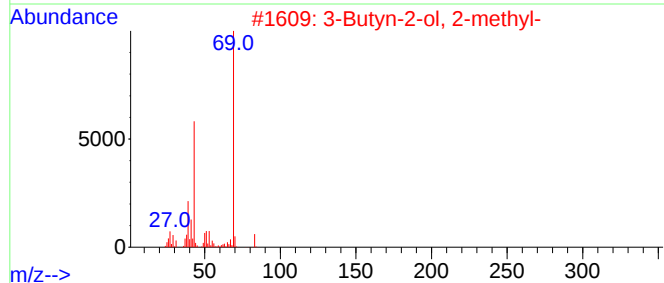
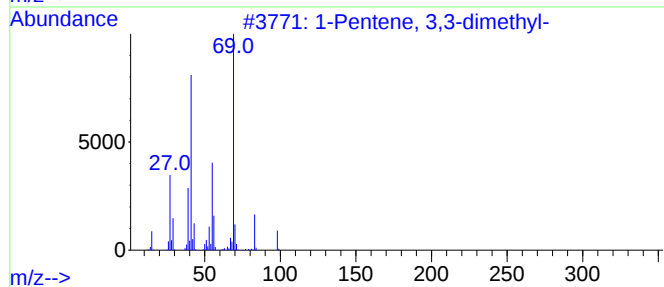
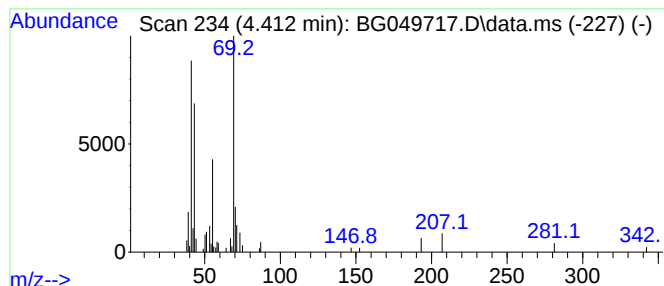
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 4.412 | 6.16 ng/ul | 68084 | 1,4-Dichlorobenzene-d4 | 8.043 |

| Hit# | of 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|------|--------------------------|----|---------|-------------|------|
| 1    |      | 1-Pentene, 3,3-dimethyl- | 98 | C7H14   | 003404-73-7 | 47   |
| 2    |      | 3-Butyn-2-ol, 2-methyl-  | 84 | C5H8O   | 000115-19-5 | 43   |
| 3    |      | 3-Butyn-2-ol, 2-methyl-  | 84 | C5H8O   | 000115-19-5 | 43   |
| 4    |      | 3-Methyl-2-hexene        | 98 | C7H14   | 017618-77-8 | 42   |
| 5    |      | 1-Pentene, 3-ethyl-      | 98 | C7H14   | 004038-04-4 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

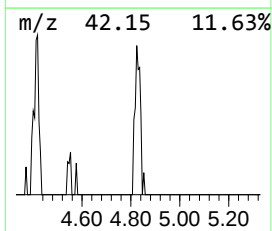
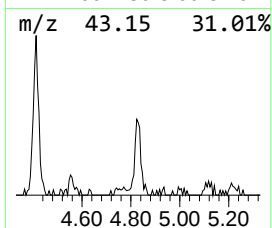
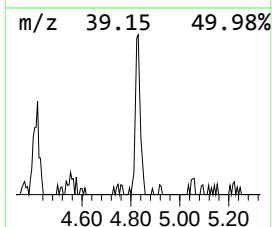
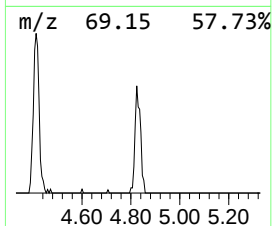
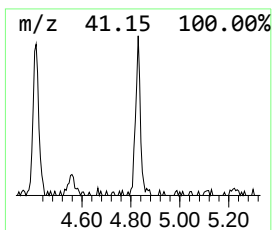
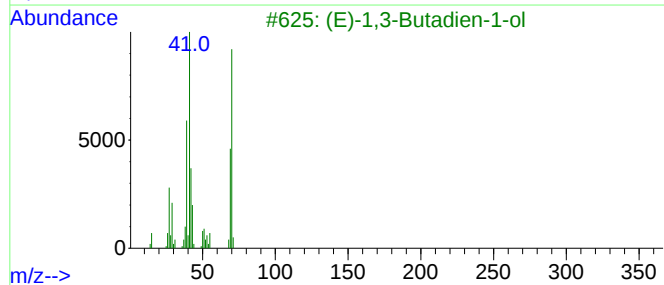
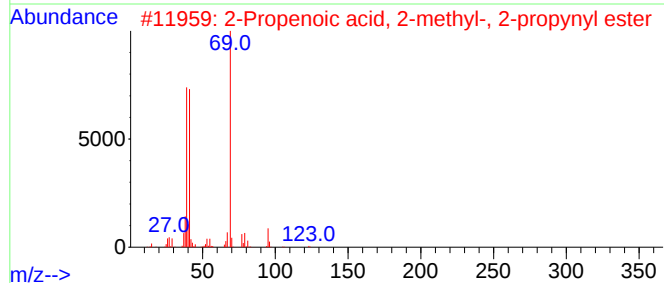
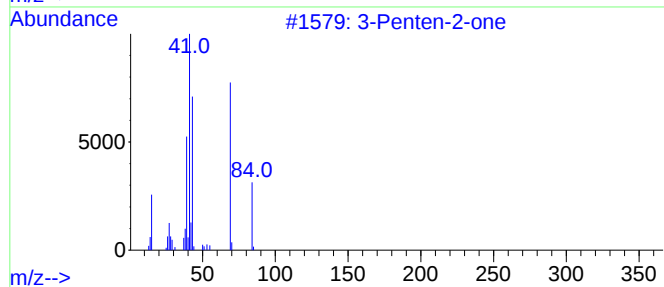
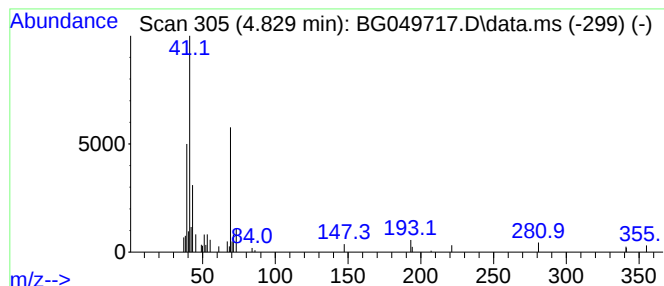
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 unknown-01 Concentration Rank 19

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 4.829 | 4.33 ng/ul | 47844 | 1,4-Dichlorobenzene-d4 | 8.043 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one                      | 84  | C5H8O   | 000625-33-2 | 43   |
| 2    |    |   | 2-Propenoic acid, 2-methyl-, 2-p... | 124 | C7H8O2  | 013861-22-8 | 37   |
| 3    |    |   | (E)-1,3-Butadien-1-ol               | 70  | C4H6O   | 070411-98-2 | 32   |
| 4    |    |   | 2-Propenoic acid, 2-methyl-         | 86  | C4H6O2  | 000079-41-4 | 25   |
| 5    |    |   | 3-Penten-2-one, (E)-                | 84  | C5H8O   | 003102-33-8 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

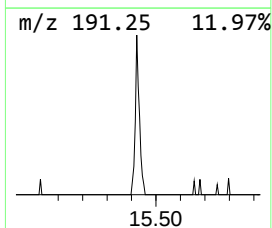
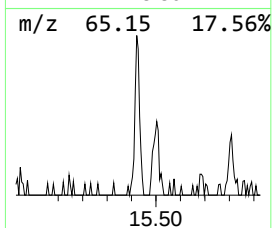
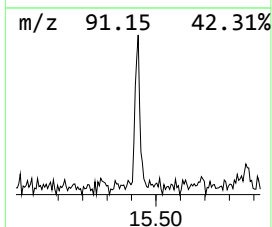
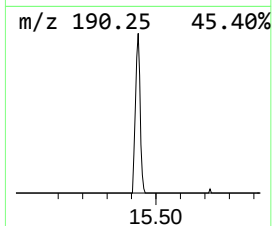
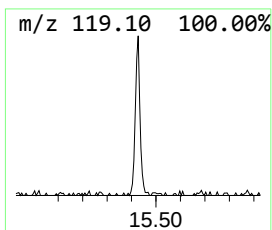
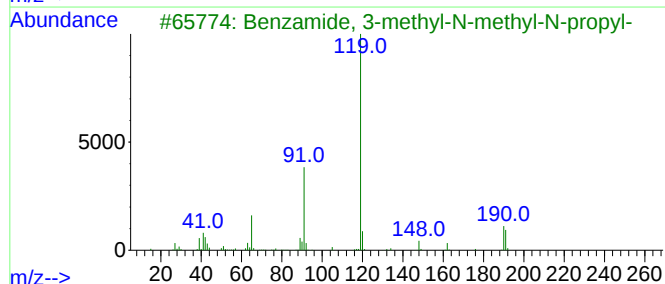
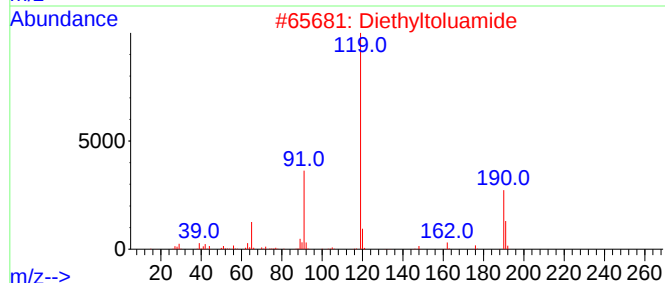
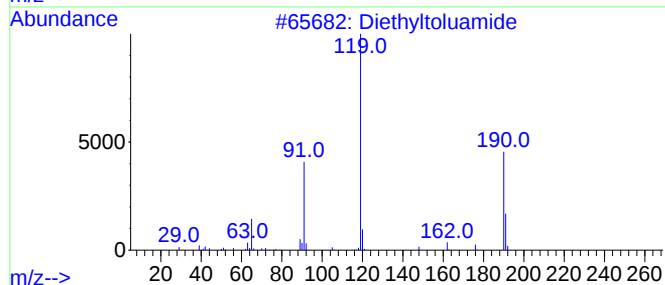
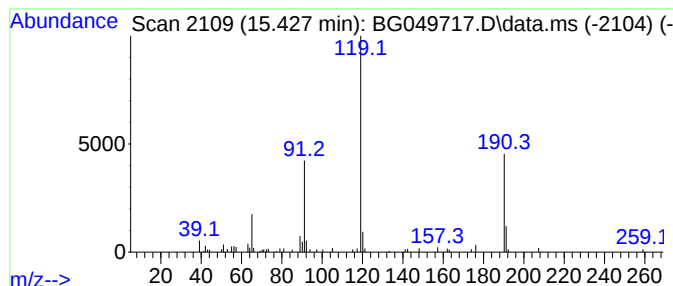
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Diethyltoluamide Concentration Rank 24

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 15.427 | 2.64 ng/ul | 54472 | Acenaphthene-d10 | 14.693 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Diethyltoluamide                    | 191 | C12H17NO   | 000134-62-3  | 91   |
| 2    |    |   | Diethyltoluamide                    | 191 | C12H17NO   | 000134-62-3  | 87   |
| 3    |    |   | Benzamide, 3-methyl-N-methyl-N-p... | 191 | C12H17NO   | 1000421-46-2 | 81   |
| 4    |    |   | Isoxazole-3-carboximidamide, N'-... | 259 | C13H13N3O3 | 263869-49-4  | 70   |
| 5    |    |   | Benzamide, N,N-diethyl-4-methyl-    | 191 | C12H17NO   | 002728-05-4  | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

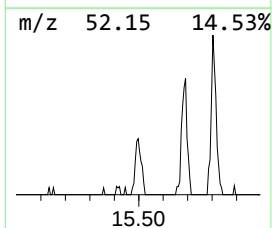
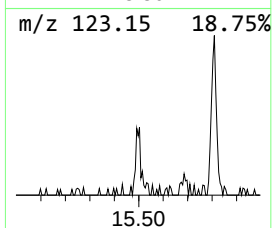
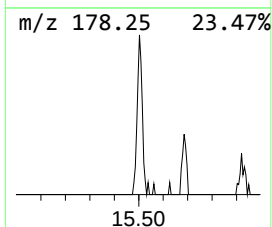
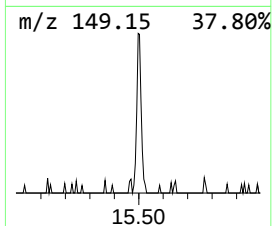
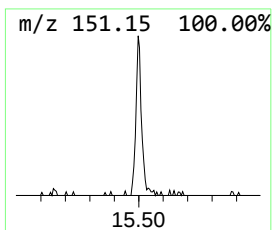
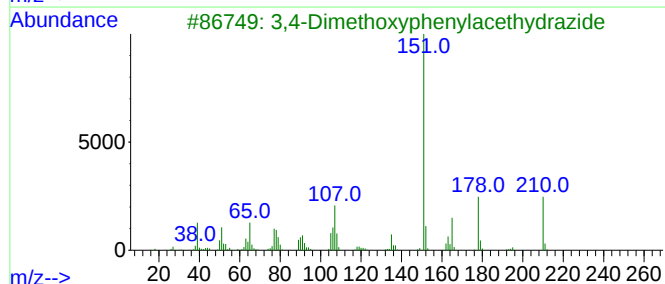
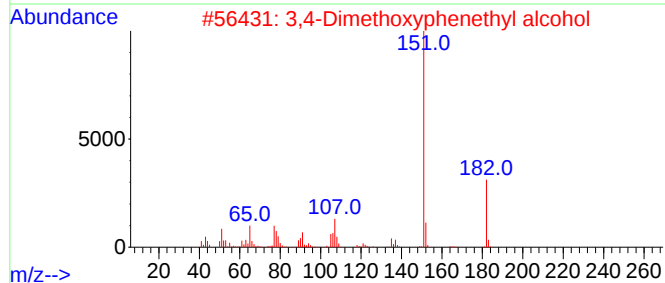
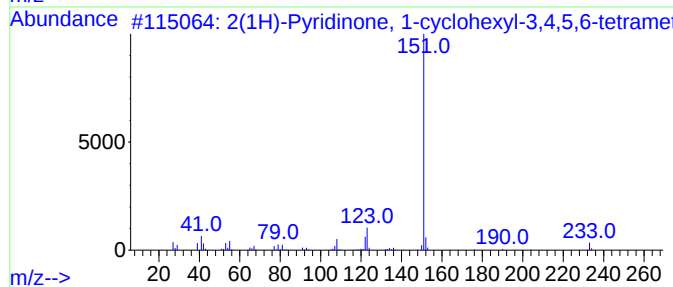
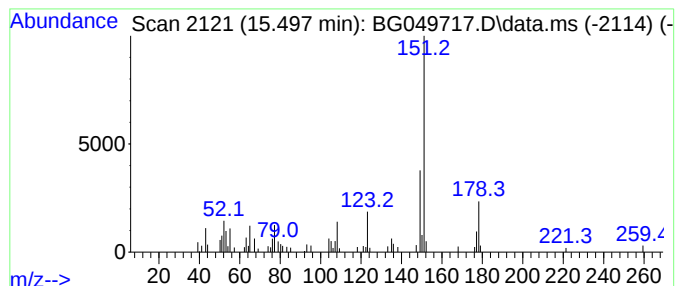
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown-02 Concentration Rank 21

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 15.497 | 3.54 ng/ul | 73132 | Acenaphthene-d10 | 14.693 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2(1H)-Pyridinone, 1-cyclohexyl-3... | 233 | C15H23NO     | 082754-44-7  | 47      |      |      |
| 2    | 3,4-Dimethoxyphenethyl alcohol      | 182 | C10H14O3     | 007417-21-2  | 43      |      |      |
| 3    | 3,4-Dimethoxyphenylacethydrazide    | 210 | C10H14N2O3   | 060075-23-2  | 40      |      |      |
| 4    | 1,4-Dimethoxy-2,3-dimethylbenzene   | 166 | C10H14O2     | 039021-83-5  | 38      |      |      |
| 5    | 4-(Methylsulfonyl)benzohydrazide    | 182 | C8H10N2O5    | 1000484-57-9 | 38      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

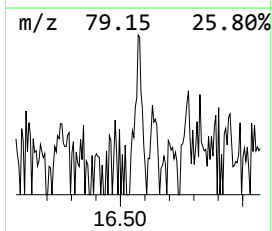
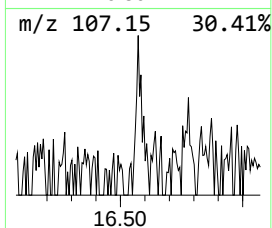
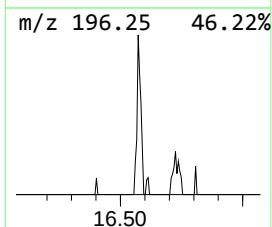
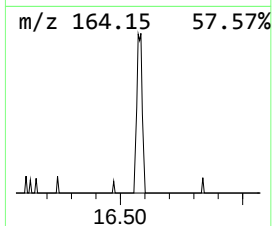
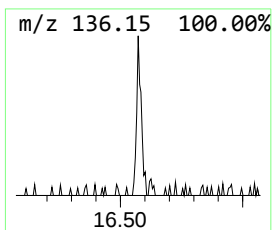
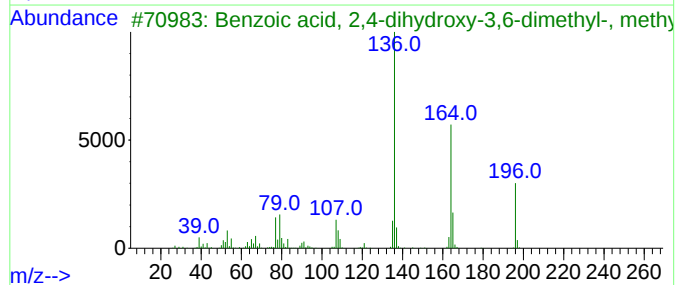
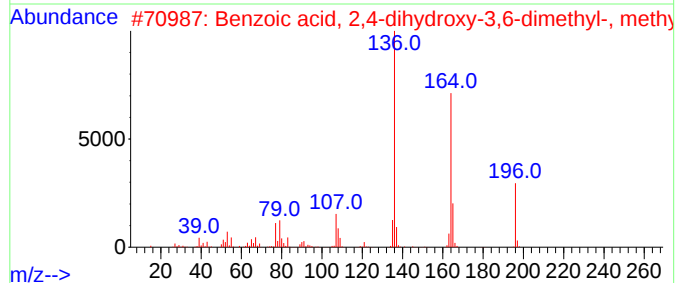
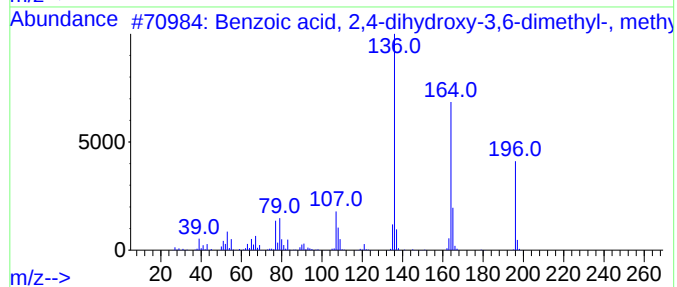
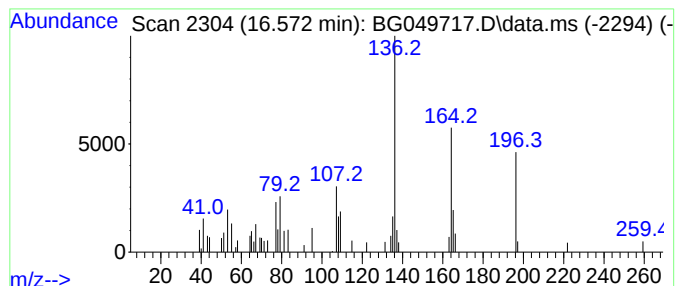
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzoic acid, 2,4-dihydroxy... Concentration Rank 26

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.572 | 2.06 ng/ul | 44397 | Phenanthrene-d10 | 17.448 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzoic acid, 2,4-dihydroxy-3,6-... | 196 | C10H12O4 | 004707-47-5 | 94   |
| 2    |    |   | Benzoic acid, 2,4-dihydroxy-3,6-... | 196 | C10H12O4 | 004707-47-5 | 91   |
| 3    |    |   | Benzoic acid, 2,4-dihydroxy-3,6-... | 196 | C10H12O4 | 004707-47-5 | 90   |
| 4    |    |   | Benzoic acid, 2,4-dihydroxy-3,6-... | 196 | C10H12O4 | 004707-47-5 | 87   |
| 5    |    |   | Benzoic acid, 2,4-dihydroxy-3,6-... | 196 | C10H12O4 | 004707-47-5 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

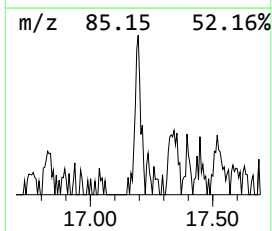
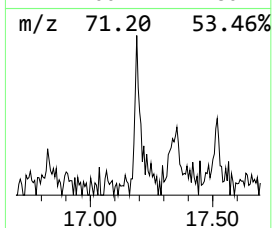
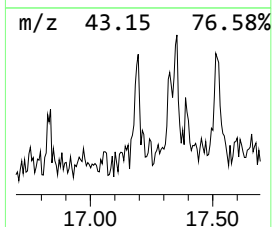
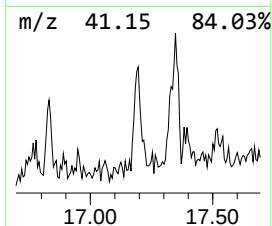
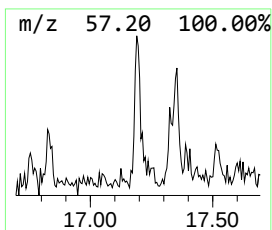
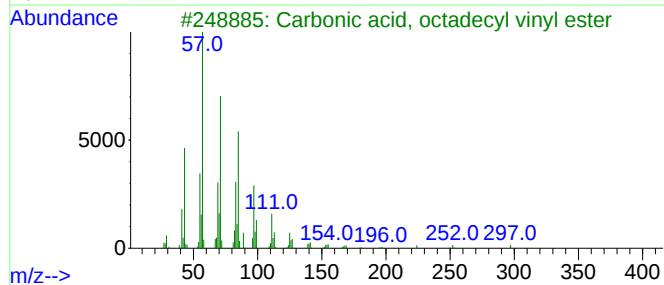
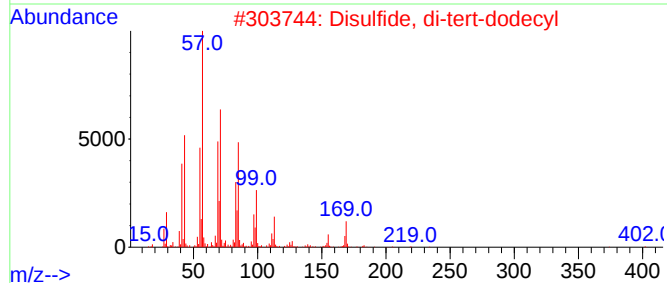
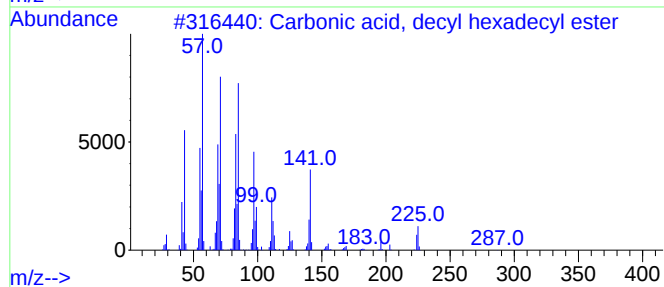
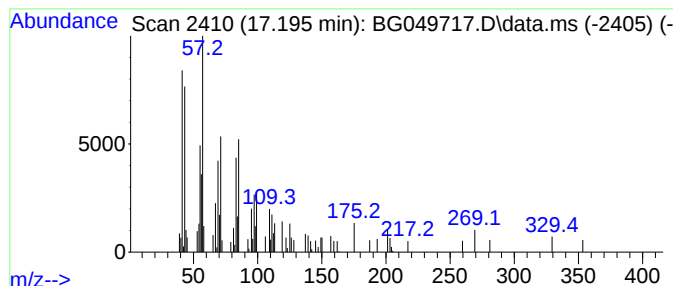
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Carbonic acid, decyl hexade... Concentration Rank 25

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 17.195 | 2.24 ng/ul | 48278 | Phenanthrene-d10 | 17.448 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, decyl hexadecyl e... | 426 | C27H54O3 | 1000383-16-5 | 58   |
| 2    |    |   | Disulfide, di-tert-dodecyl          | 402 | C24H50S2 | 027458-90-8  | 49   |
| 3    |    |   | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 49   |
| 4    |    |   | Carbonic acid, decyl undecyl ester  | 356 | C22H44O3 | 1000383-16-0 | 47   |
| 5    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3 | 1000382-54-3 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

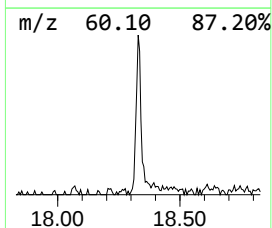
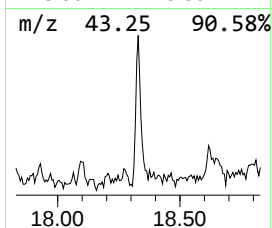
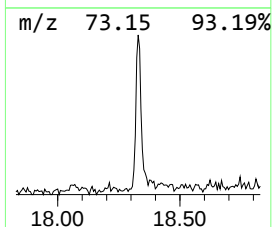
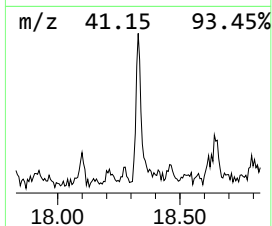
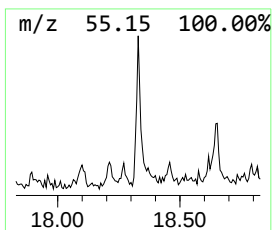
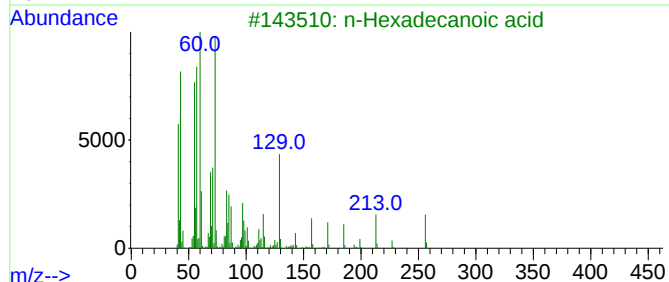
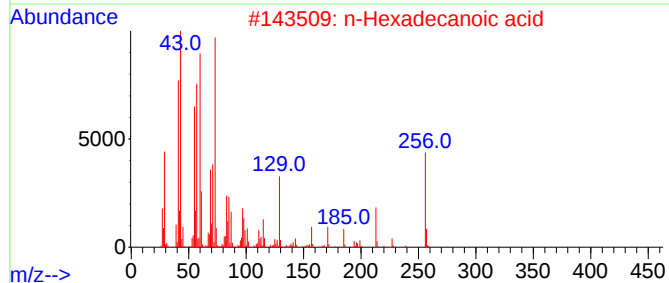
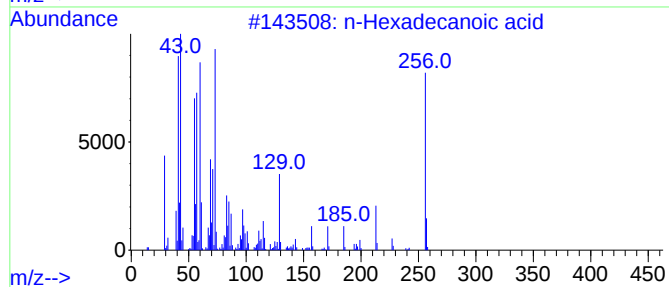
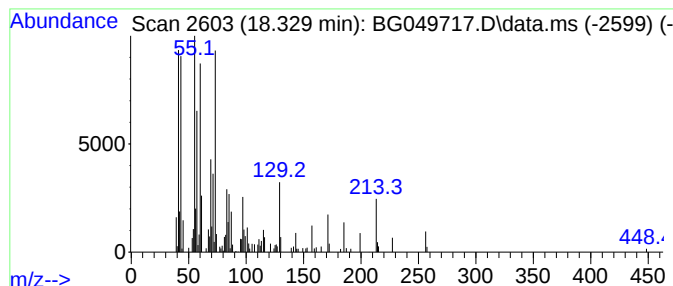
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.329 | 8.54 ng/ul | 183970 | Phenanthrene-d10 | 17.448 |

| 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 | 93   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 76   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
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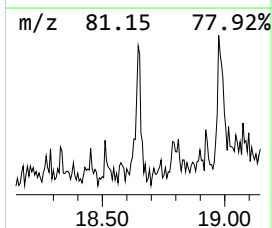
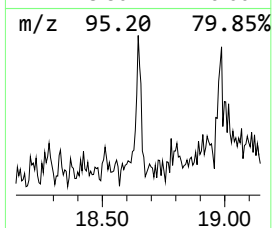
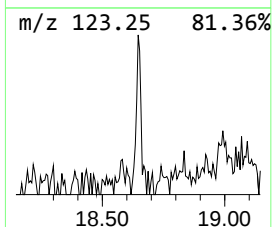
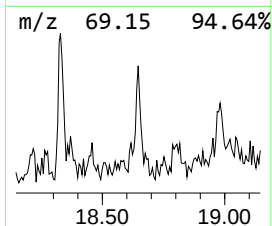
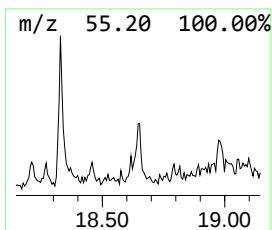
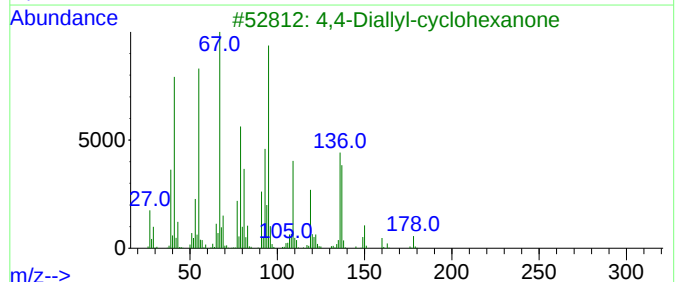
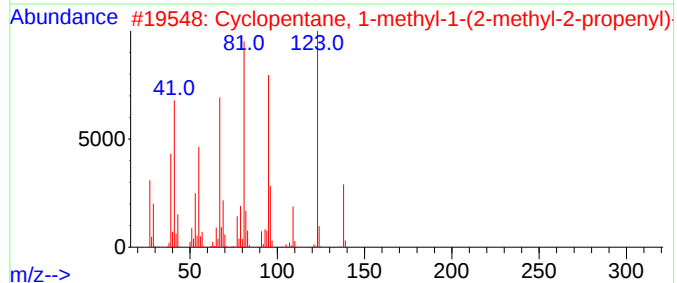
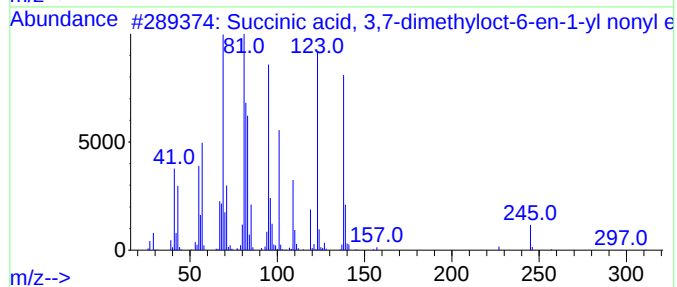
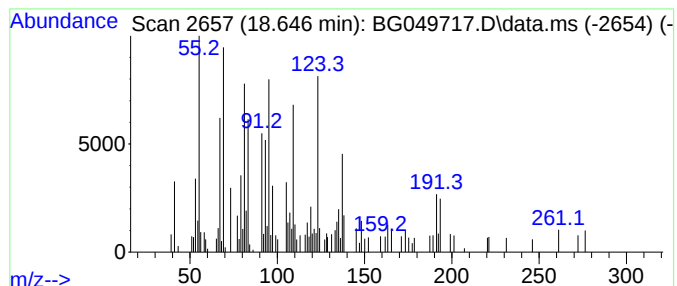
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Succinic acid, 3,7-dimethyl... Concentration Rank 20

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.646 | 3.70 ng/ul | 79657 | Phenanthrene-d10 | 17.448 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Succinic acid, 3,7-dimethyloct-6... | 382 | C23H42O4 | 1010353-34-3 | 58   |
| 2    |    |   | Cyclopentane, 1-methyl-1-(2-meth... | 138 | C10H18   | 074764-47-9  | 46   |
| 3    |    |   | 4,4-Diallyl-cyclohexanone           | 178 | C12H18O  | 1000186-50-2 | 44   |
| 4    |    |   | .alpha.-Damascone                   | 192 | C13H20O  | 031089-90-4  | 30   |
| 5    |    |   | 3,7-Decadiyne, 2,2,5,5,6,6,9,9-o... | 246 | C18H30   | 017553-35-4  | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

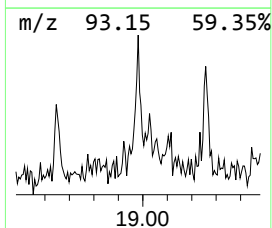
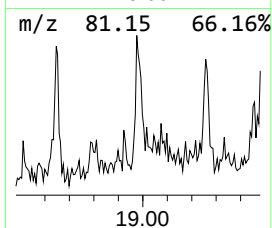
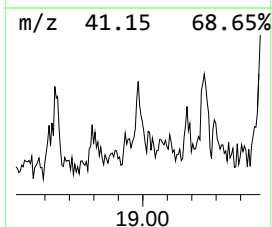
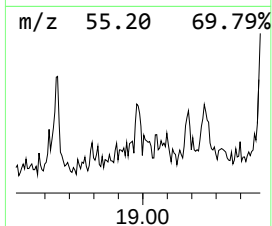
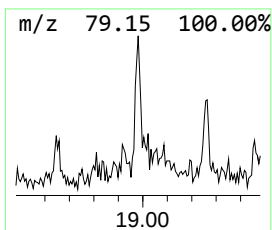
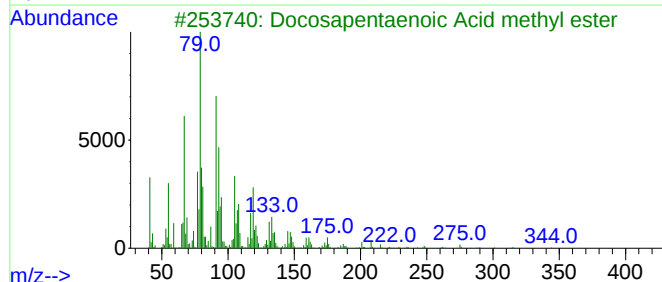
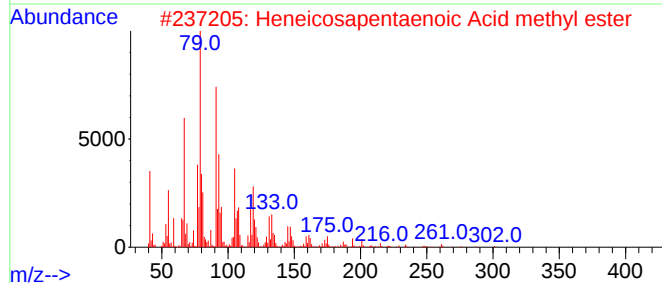
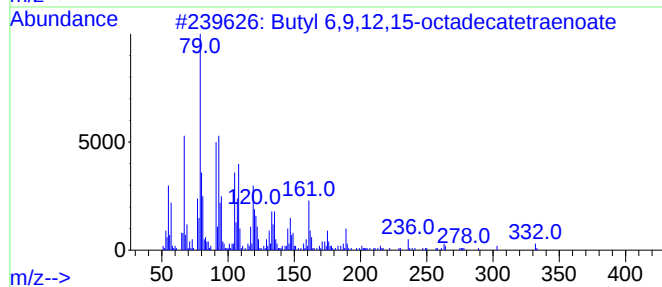
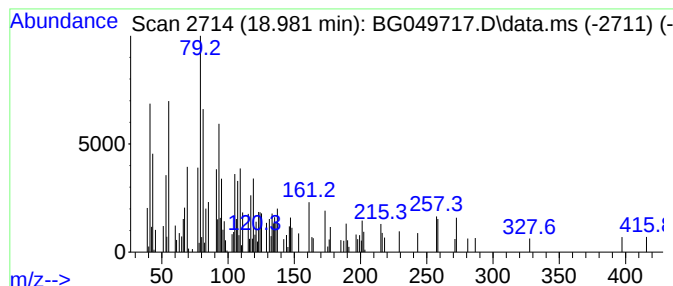
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 unknown-03 Concentration Rank 23

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.981 | 2.64 ng/ul | 56914 | Phenanthrene-d10 | 17.448 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | Butyl 6,9,12,15-octadecatetraenoate | 332 | C22H36O2     | 1000336-71-3 | 38      |      |      |
| 2    | Heneicosapentaenoic Acid methyl ... | 330 | C22H34O2     | 065919-53-1  | 35      |      |      |
| 3    | Docosapentaenoic Acid methyl ester  | 344 | C23H36O2     | 108698-02-8  | 35      |      |      |
| 4    | 1,5,9,11-Tridecatetraene, 12-met... | 190 | C14H22       | 062338-27-6  | 30      |      |      |
| 5    | Octadecahydro-cyclopenta[e]pyrene   | 258 | C19H30       | 1000371-48-4 | 30      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

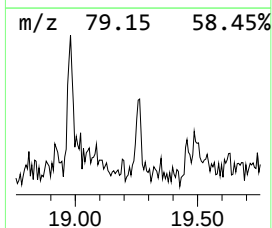
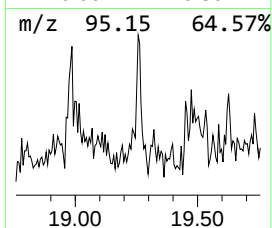
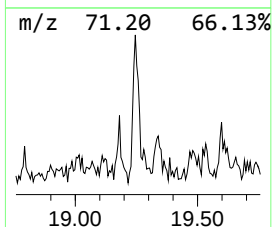
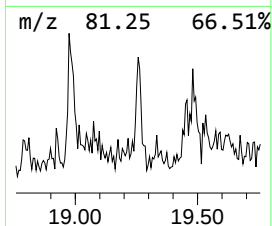
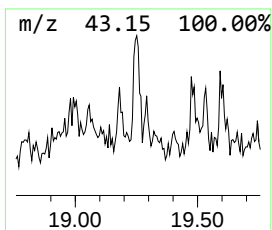
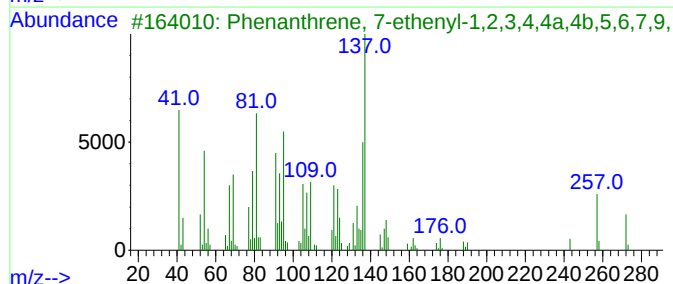
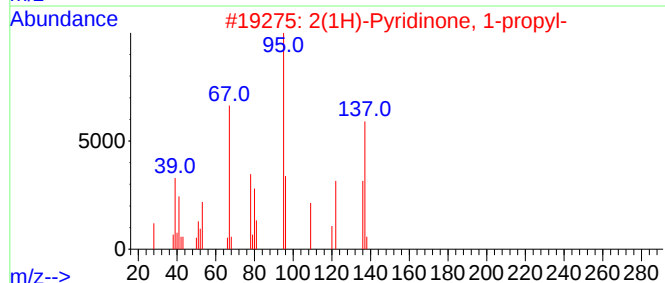
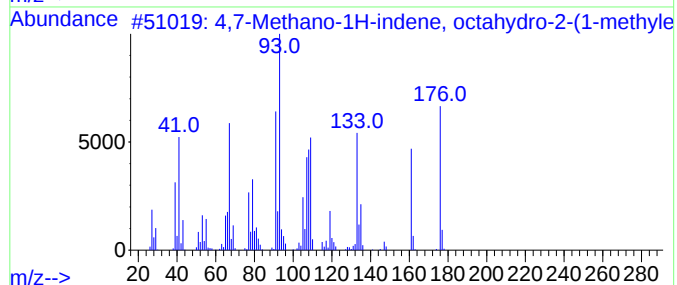
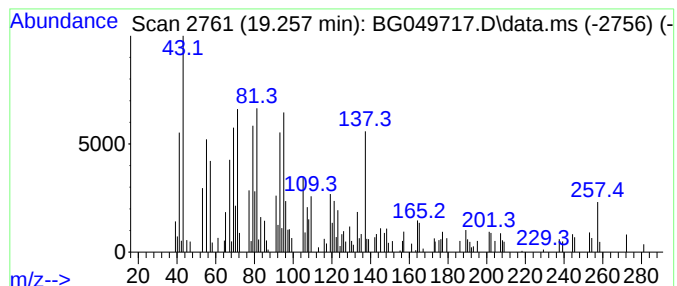
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 unknown-04 Concentration Rank 18

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 19.257 | 4.34 ng/ul | 93509 | Phenanthrene-d10 | 17.448 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 4,7-Methano-1H-indene, octahydro... | 176 | C13H20       | 074793-54-7 | 44      |      |      |
| 2    | 2(1H)-Pyridinone, 1-propyl-         | 137 | C8H11NO      | 019006-63-4 | 38      |      |      |
| 3    | Phenanthrene, 7-ethenyl-1,2,3,4,... | 272 | C20H32       | 001686-56-2 | 30      |      |      |
| 4    | 1,5,9,11-Tridecatetraene, 12-met... | 190 | C14H22       | 062338-27-6 | 30      |      |      |
| 5    | .beta.-Bisabolene                   | 204 | C15H24       | 000495-61-4 | 25      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

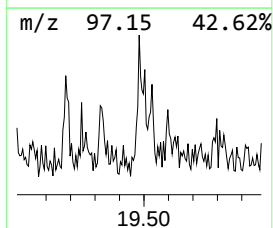
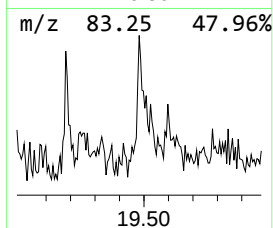
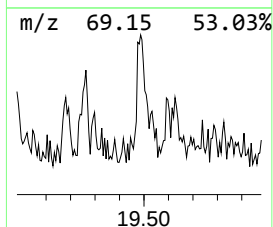
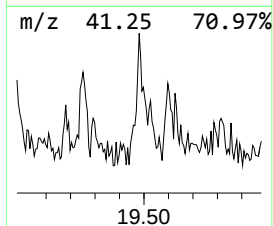
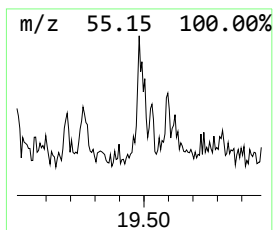
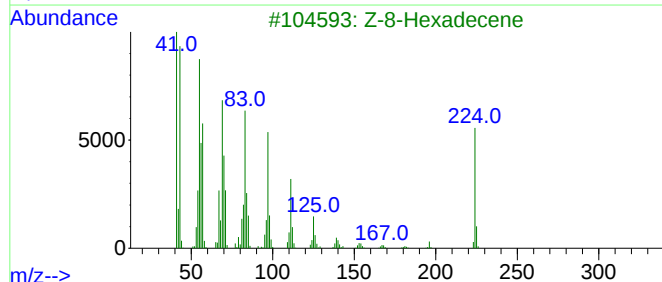
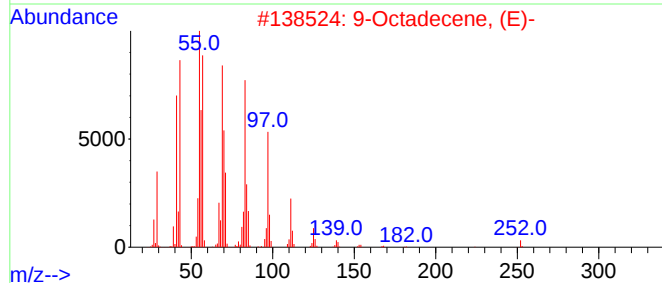
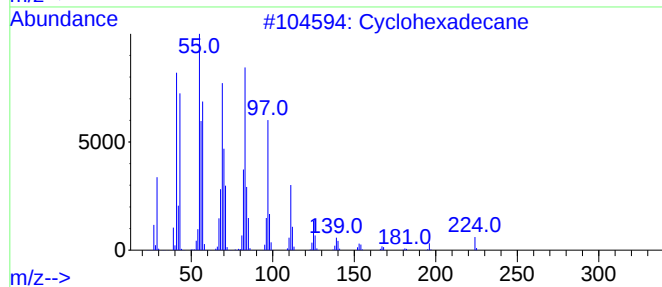
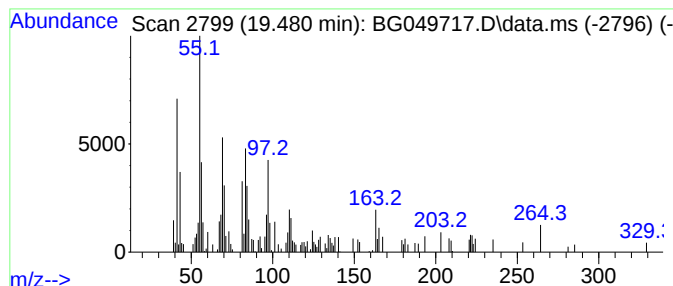
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 (DEL) Alkane: Cyclic19.480 Concentration Rank 22

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 19.480 | 2.97 ng/ul | 63961 | Phenanthrene-d10 | 17.448 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#         | Qual |
|------|----|---|---------------------------|-----|----------|--------------|------|
| 1    |    |   | Cyclohexadecane           | 224 | C16H32   | 000295-65-8  | 83   |
| 2    |    |   | 9-Octadecene, (E)-        | 252 | C18H36   | 007206-25-9  | 52   |
| 3    |    |   | Z-8-Hexadecene            | 224 | C16H32   | 1000130-87-5 | 50   |
| 4    |    |   | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8  | 49   |
| 5    |    |   | Cycloeicosane             | 280 | C20H40   | 000296-56-0  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

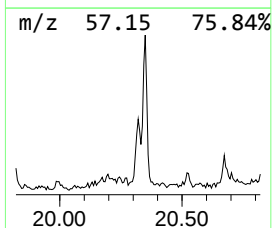
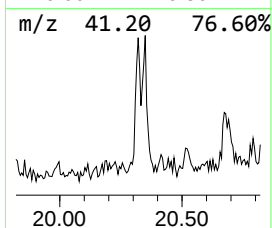
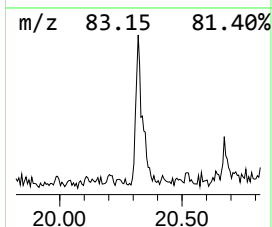
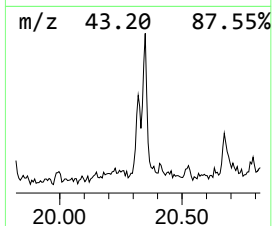
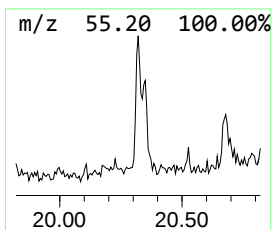
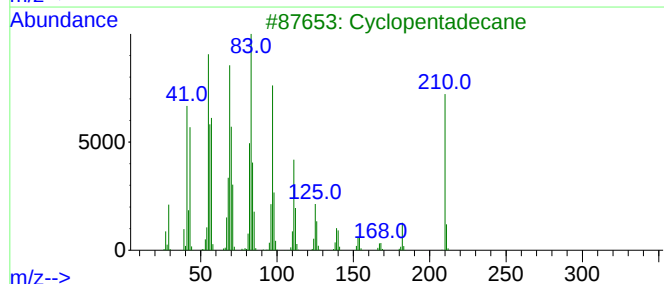
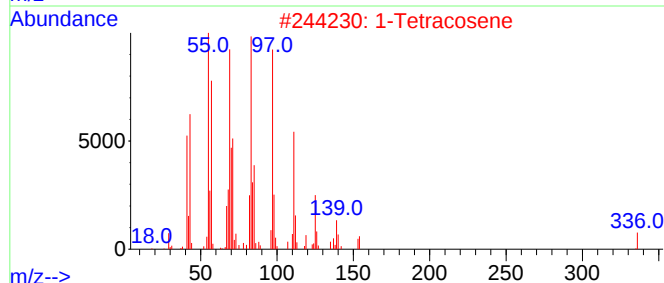
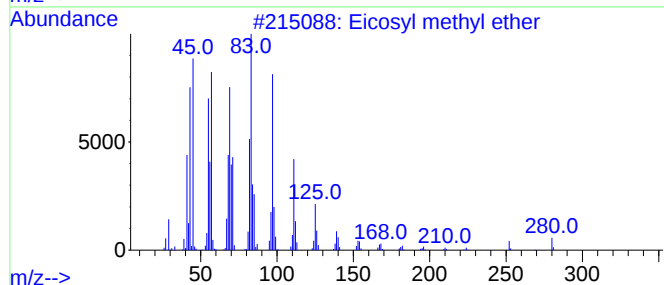
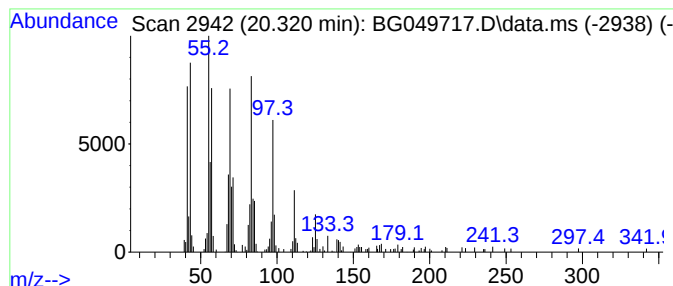
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Eicosyl methyl ether Concentration Rank 15

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.320 | 6.05 ng/ul | 148571 | Chrysene-d12     | 21.730 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Eicosyl methyl ether                | 312 | C21H44O    | 1000406-29-4 | 91   |
| 2    |    |   | 1-Tetracosene                       | 336 | C24H48     | 010192-32-2  | 87   |
| 3    |    |   | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7  | 87   |
| 4    |    |   | 1-Tetracosene                       | 336 | C24H48     | 010192-32-2  | 83   |
| 5    |    |   | Trifluoroacetic acid,n-tridecyl ... | 296 | C15H27F3O2 | 053800-02-5  | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

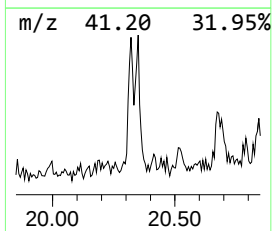
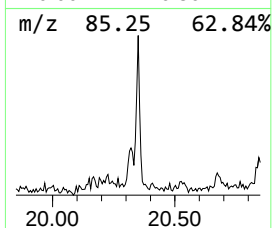
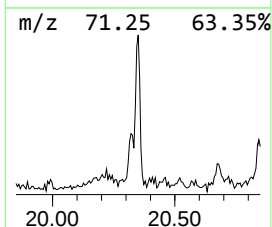
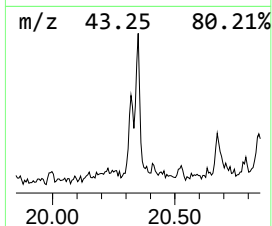
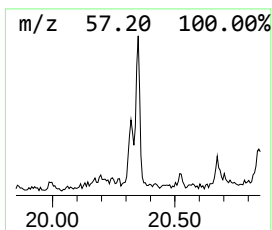
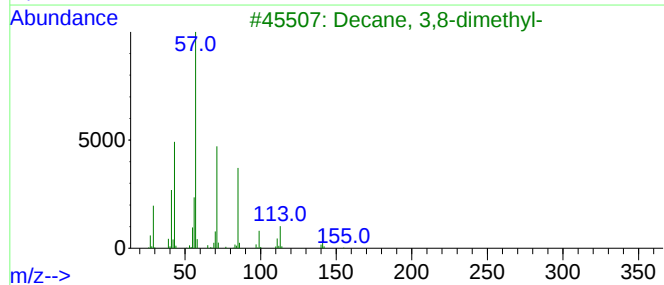
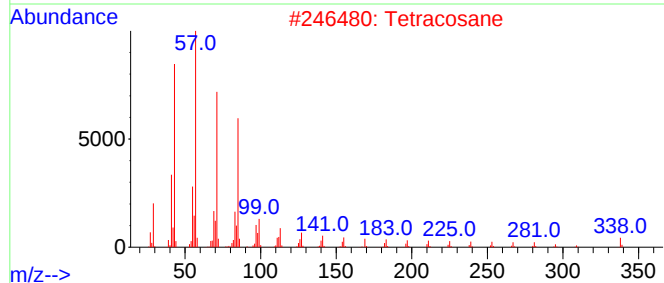
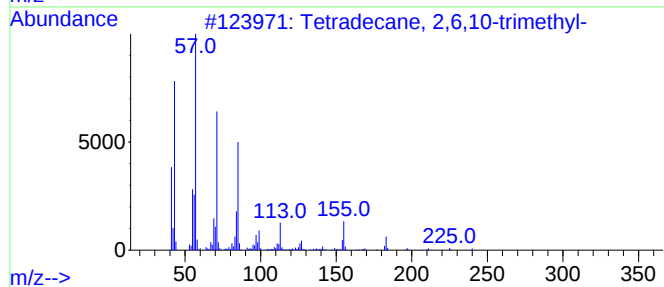
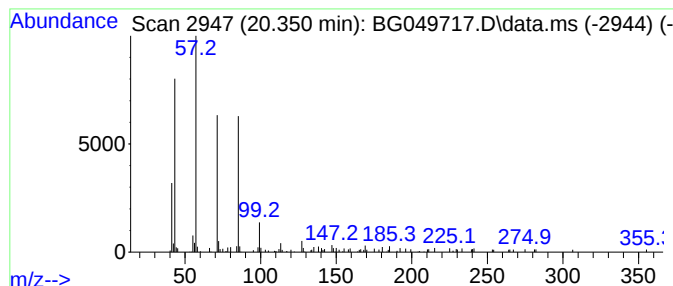
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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T.      | EstConc                        | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------|--------|------------------|---------|-------------|------|
| 20.350    | 6.72 ng/ul                     | 165049 | Chrysene-d12     |         | 21.730      |      |
| Hit# of 5 | Tentative ID                   |        | MW               | MolForm | CAS#        | Qual |
| 1         | Tetradecane, 2,6,10-trimethyl- |        | 240              | C17H36  | 014905-56-7 | 80   |
| 2         | Tetracosane                    |        | 338              | C24H50  | 000646-31-1 | 72   |
| 3         | Decane, 3,8-dimethyl-          |        | 170              | C12H26  | 017312-55-9 | 72   |
| 4         | Dodecane, 2-methyl-            |        | 184              | C13H28  | 001560-97-0 | 72   |
| 5         | Tridecane                      |        | 184              | C13H28  | 000629-50-5 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

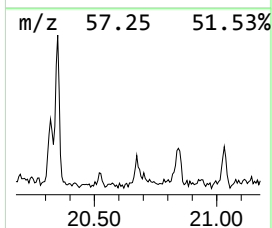
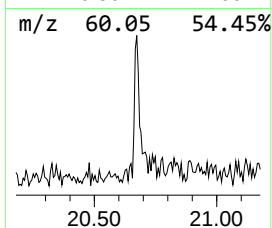
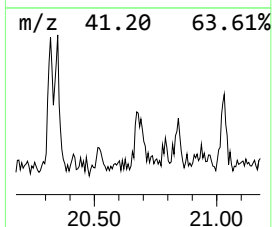
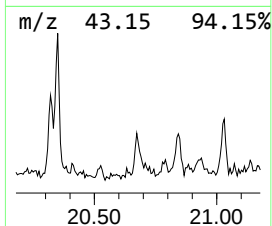
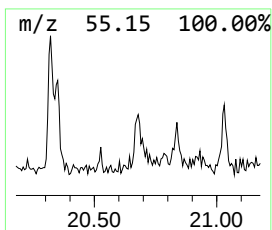
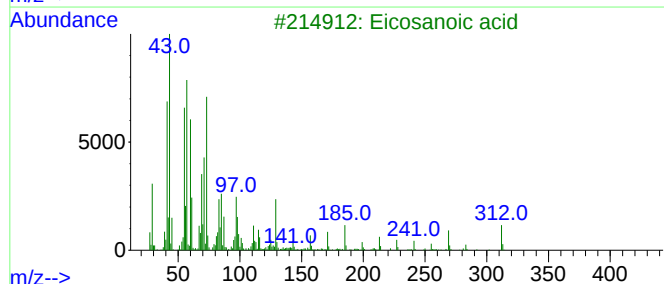
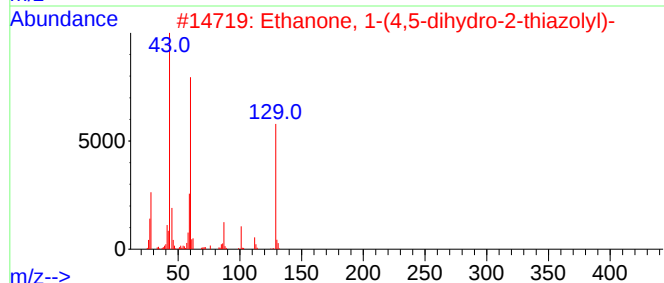
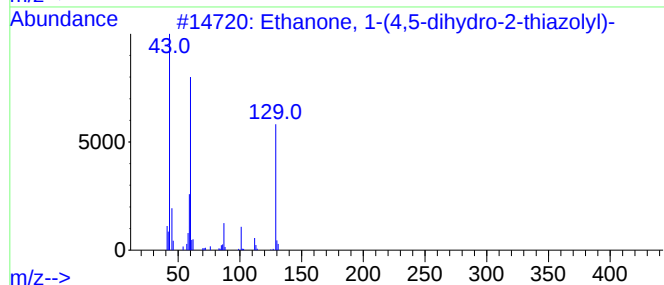
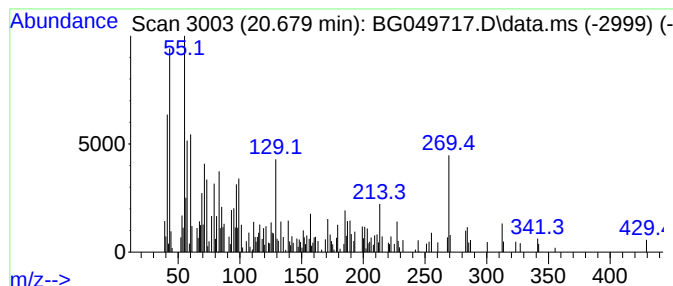
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 unknown-05 Concentration Rank 16

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.679 | 5.60 ng/ul | 137608 | Chrysene-d12     | 21.730 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Ethanone, 1-(4,5-dihydro-2-thiaz... | 129 | C5H7NOS   | 029926-41-8  | 25   |
| 2    |    |   | Ethanone, 1-(4,5-dihydro-2-thiaz... | 129 | C5H7NOS   | 029926-41-8  | 25   |
| 3    |    |   | Eicosanoic acid                     | 312 | C20H40O2  | 000506-30-9  | 25   |
| 4    |    |   | 2,4-Di-tert-butylphenol mesylate    | 284 | C15H24O3S | 1071592-55-6 | 15   |
| 5    |    |   | Isopropyl stearate                  | 326 | C21H42O2  | 000112-10-7  | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

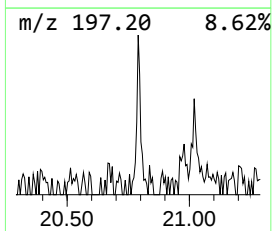
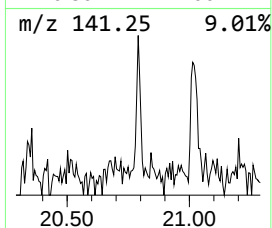
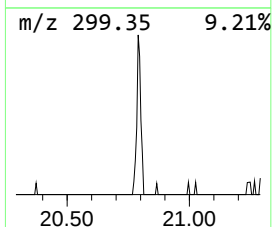
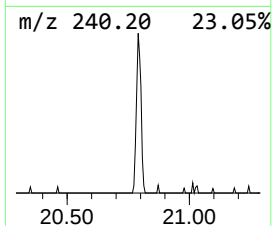
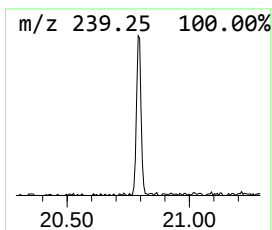
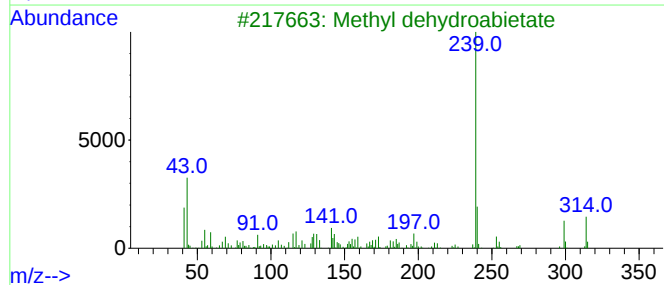
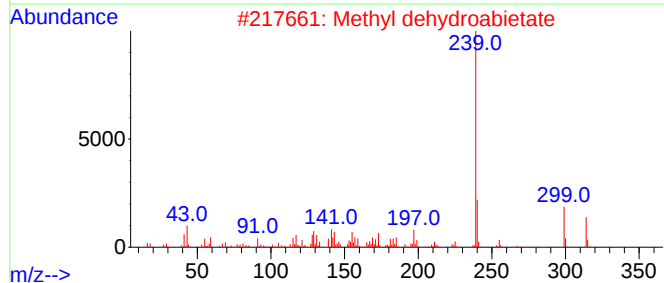
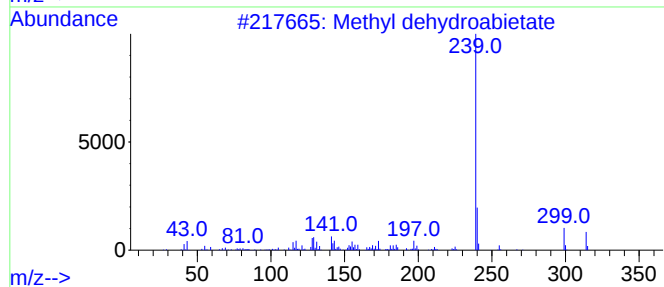
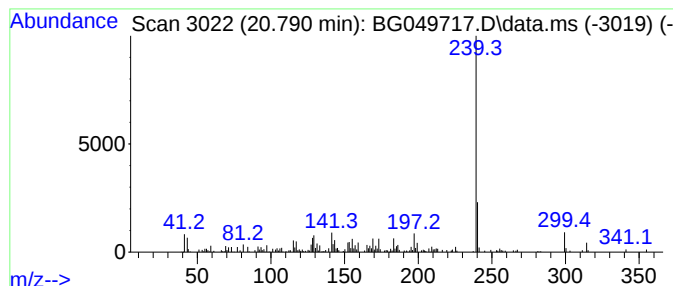
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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Methyl dehydroabietate Concentration Rank 17

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.790 | 4.67 ng/ul | 114764 | Chrysene-d12     | 21.730 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl dehydroabietate              | 314 | C21H30O2 | 001235-74-1 | 95   |
| 2    |    |   | Methyl dehydroabietate              | 314 | C21H30O2 | 001235-74-1 | 91   |
| 3    |    |   | Methyl dehydroabietate              | 314 | C21H30O2 | 001235-74-1 | 83   |
| 4    |    |   | 9,10-Anthracenedione, 1-amino-4-... | 239 | C14H9NO3 | 000116-85-8 | 53   |
| 5    |    |   | 9,10-Anthracenedione, 1-amino-4-... | 239 | C14H9NO3 | 000116-85-8 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

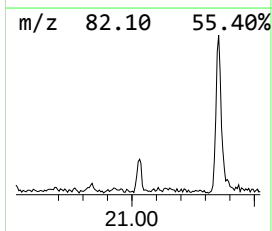
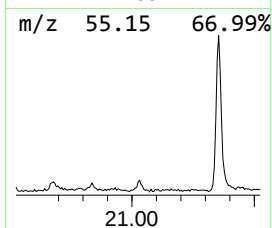
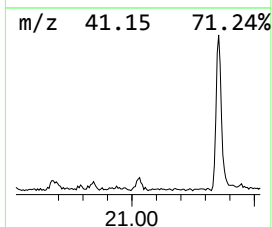
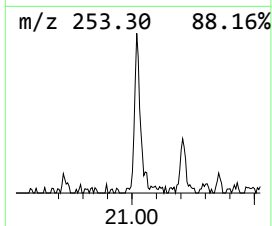
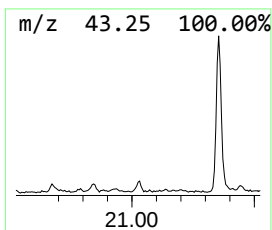
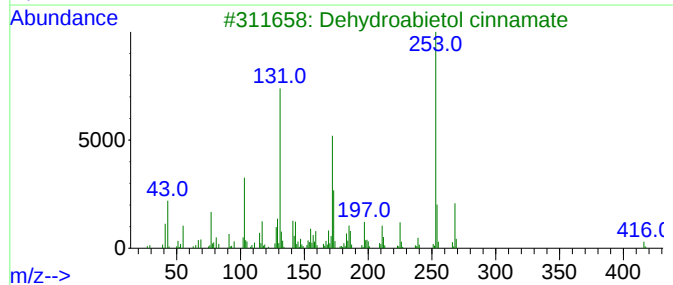
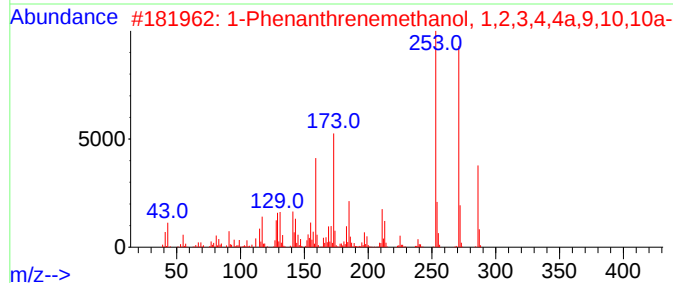
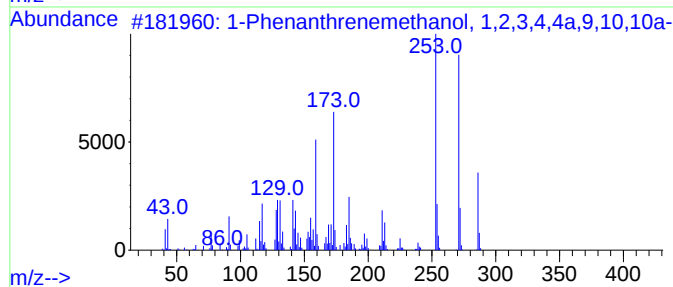
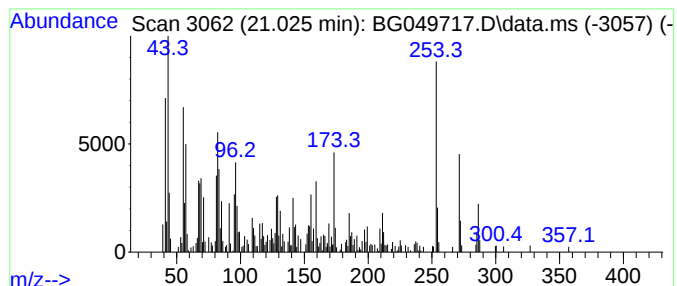
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 1-Phenanthrenemethanol, 1,2... Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.025 | 8.08 ng/ul | 198501 | Chrysene-d12     | 21.730 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 1-Phenanthrenemethanol, 1,2,3,4,... | 286 | C20H30O      | 003772-55-2  | 60      |      |      |
| 2    | 1-Phenanthrenemethanol, 1,2,3,4,... | 286 | C20H30O      | 003772-55-2  | 45      |      |      |
| 3    | Dehydroabietol cinnamate            | 416 | C29H36O2     | 1000414-71-7 | 27      |      |      |
| 4    | 4-epi-Dehydroabietinol acetate      | 328 | C22H32O2     | 024462-15-5  | 27      |      |      |
| 5    | 8-Chloro-5-methyl-2-phenylquinoline | 253 | C16H12ClN    | 025413-16-5  | 20      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

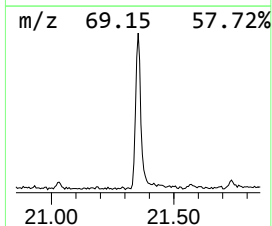
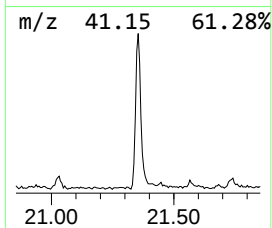
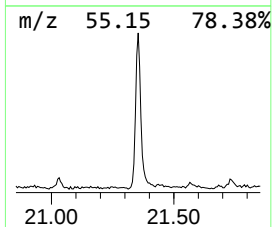
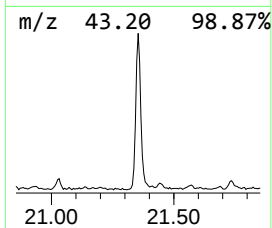
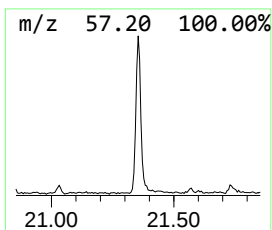
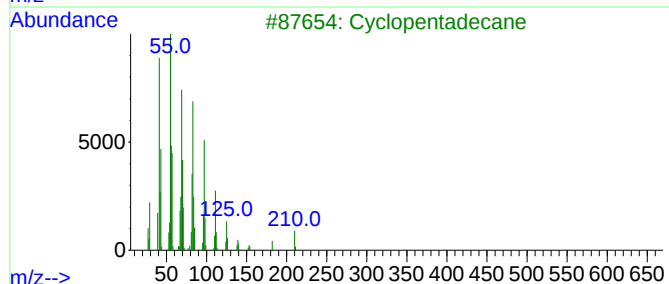
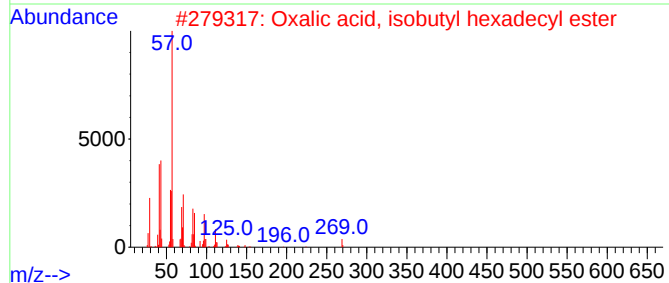
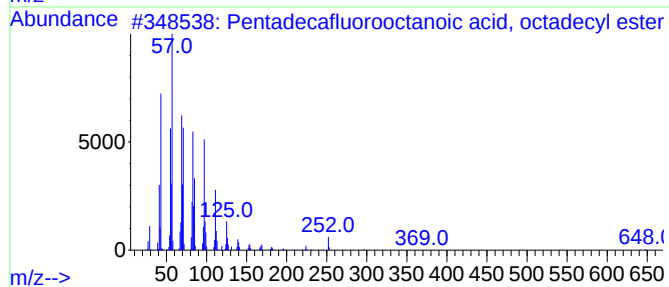
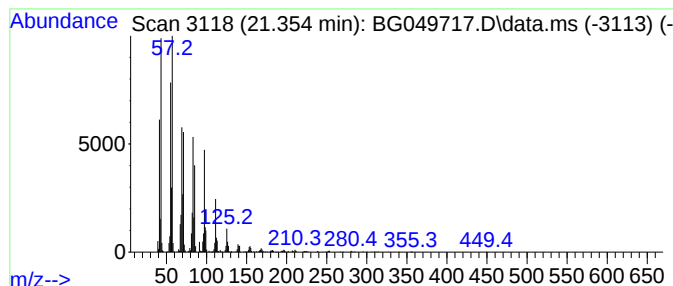
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Pentadecafluorooctanoic aci... Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 21.354 | 58.40 ng/ul | 1434660 | Chrysene-d12     | 21.730 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93   |
| 2    |    |   | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4    | 1000309-38-1 | 91   |
| 3    |    |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7  | 83   |
| 4    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 81   |
| 5    |    |   | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2  | 959218-78-1  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

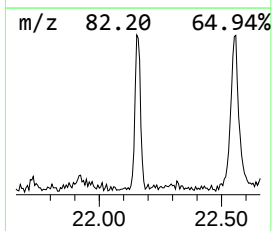
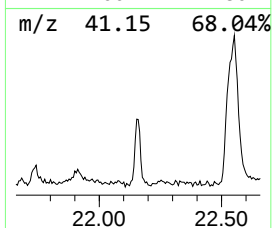
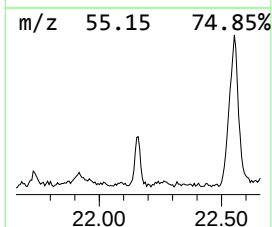
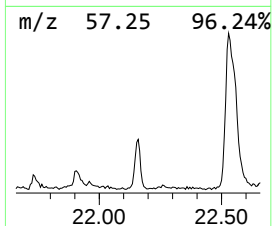
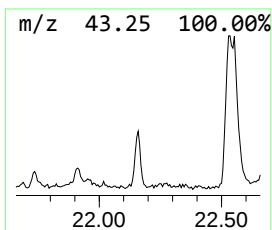
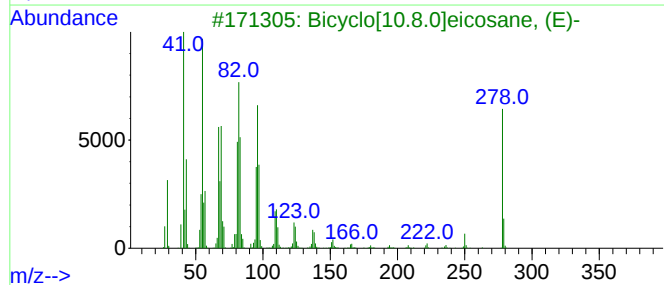
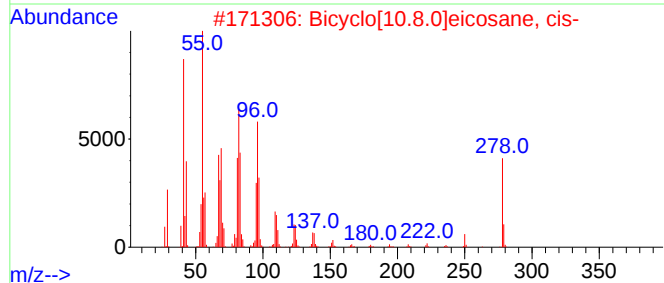
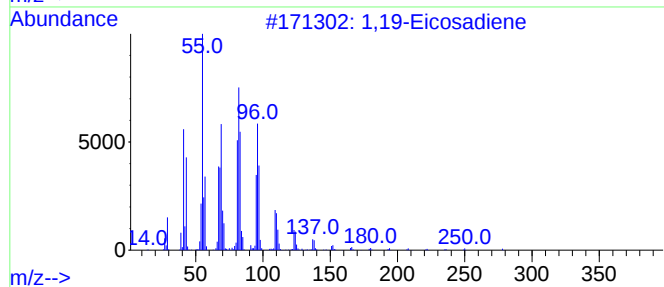
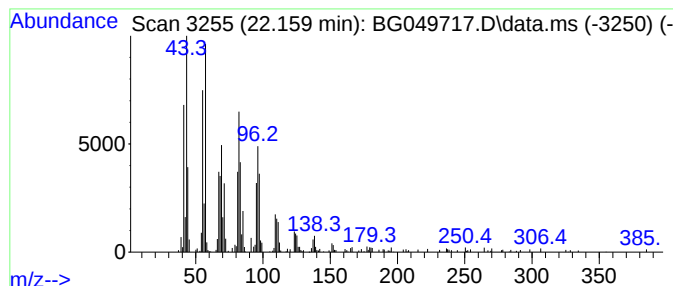
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 1,19-Eicosadiene Concentration Rank 9

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 22.159 | 12.62 ng/ul | 309928 | Chrysene-d12     | 21.730 |

| Hit# | of                            | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | 1,19-Eicosadiene              |   |              | 278 | C20H38   | 014811-95-1  | 95   |
| 2    | Bicyclo[10.8.0]eicosane, cis- |   |              | 278 | C20H38   | 1000155-82-2 | 93   |
| 3    | Bicyclo[10.8.0]eicosane, (E)- |   |              | 278 | C20H38   | 1010155-85-0 | 93   |
| 4    | E-9-Tetradecen-1-ol formate   |   |              | 240 | C15H28O2 | 1000130-78-2 | 90   |
| 5    | (Z)-14-Tricosenyl formate     |   |              | 366 | C24H46O2 | 077899-10-6  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

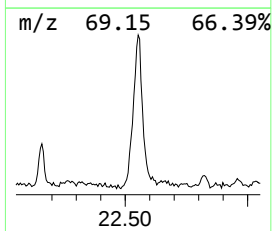
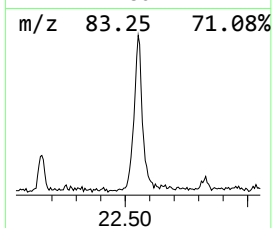
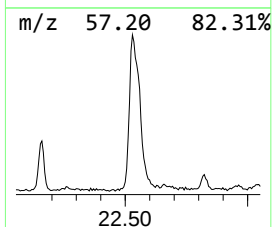
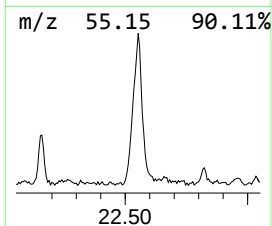
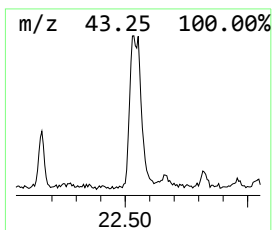
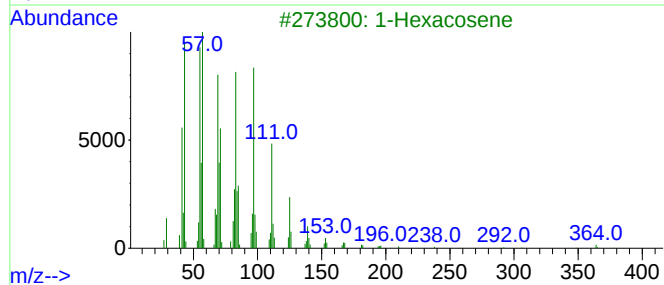
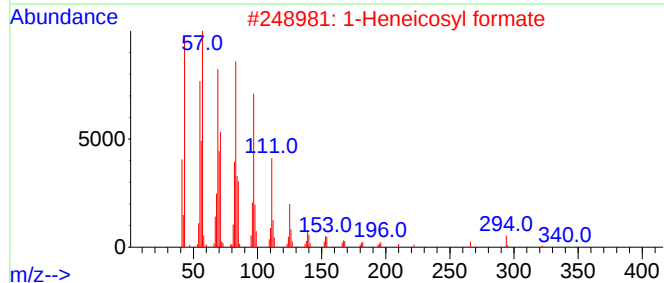
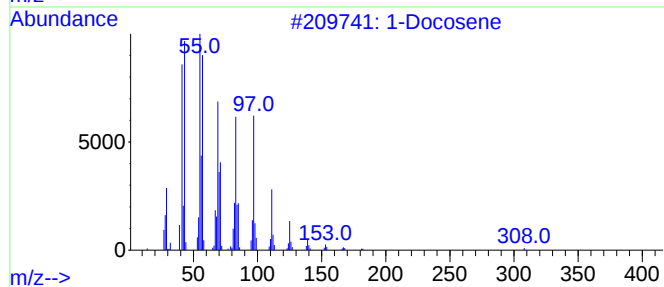
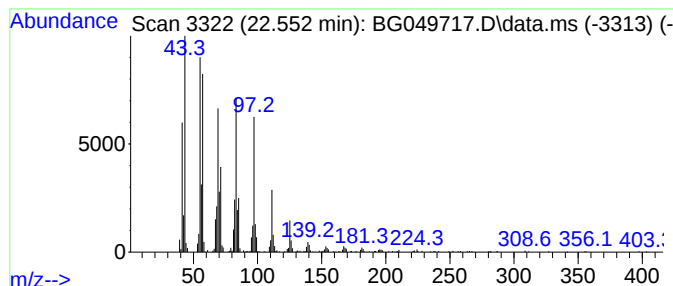
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TIC Integration Parameters: LSCINT.P

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Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.552 | 58.08 ng/ul | 1426730 | Chrysene-d12     | 21.730 |

| Hit# | of 5                       | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|------|----------------------------|--------------|-----|------------|-------------|------|
| 1    | 1-Docosene                 |              | 308 | C22H44     | 001599-67-3 | 98   |
| 2    | 1-Heneicosyl formate       |              | 340 | C22H44O2   | 077899-03-7 | 95   |
| 3    | 1-Hexacosene               |              | 364 | C26H52     | 018835-33-1 | 94   |
| 4    | Octadecyl trifluoroacetate |              | 366 | C20H37F3O2 | 079392-43-1 | 91   |
| 5    | Octacosanol                |              | 410 | C28H58O    | 000557-61-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

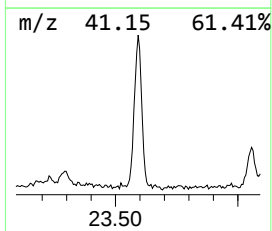
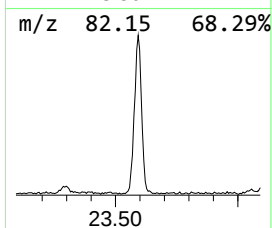
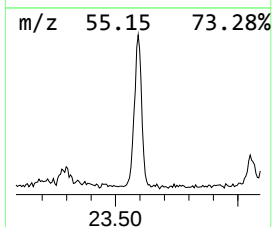
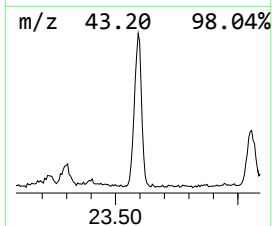
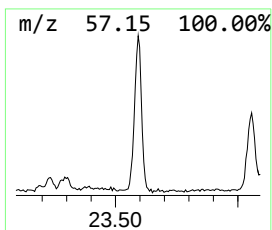
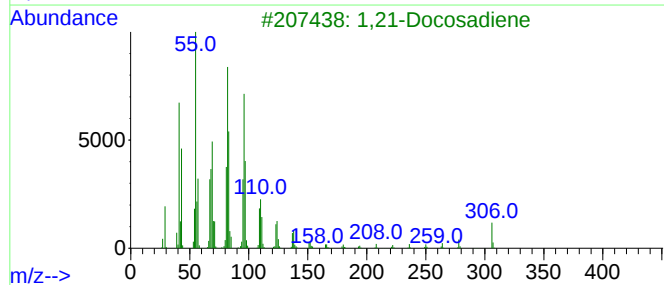
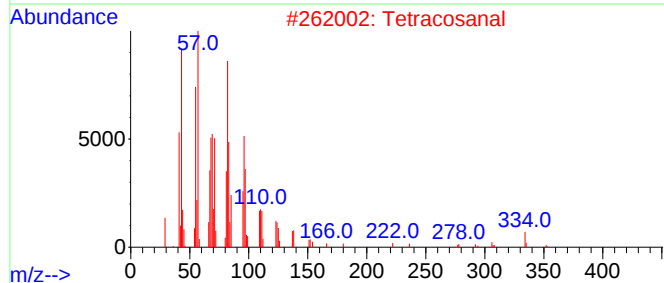
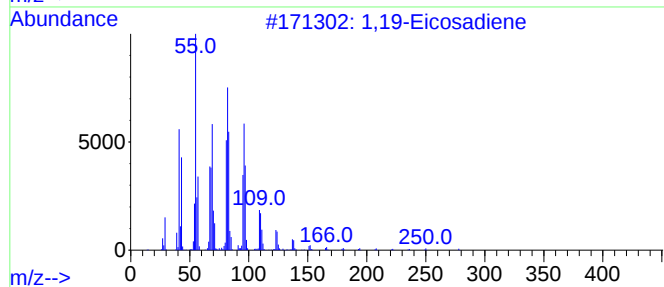
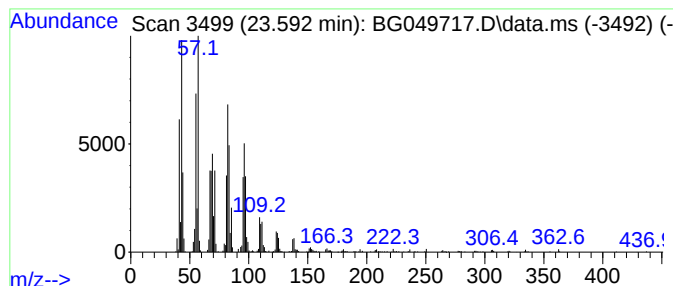
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TIC Integration Parameters: LSCINT.P

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Peak Number 22 Tetracosanal Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 23.592 | 65.98 ng/ul | 1415770 | Perylene-d12     | 25.008 |

| Hit# | of                        | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|---------------------------|---|--------------|-----|----------|-------------|------|
| 1    | 1,19-Eicosadiene          |   |              | 278 | C20H38   | 014811-95-1 | 95   |
| 2    | Tetracosanal              |   |              | 352 | C24H48O  | 057866-08-7 | 94   |
| 3    | 1,21-Docosadiene          |   |              | 306 | C22H42   | 053057-53-7 | 93   |
| 4    | Eicosanal-                |   |              | 296 | C20H40O  | 002400-66-0 | 91   |
| 5    | (Z)-14-Tricosenyl formate |   |              | 366 | C24H46O2 | 077899-10-6 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

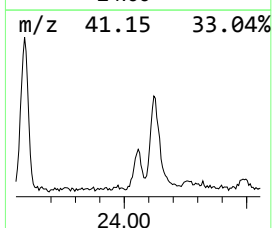
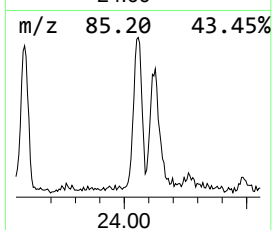
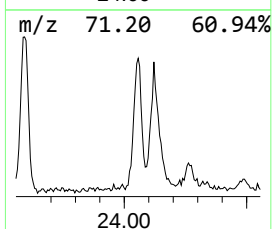
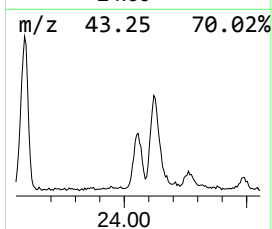
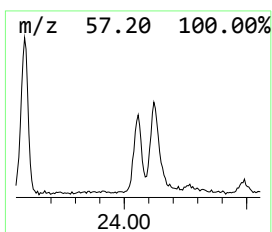
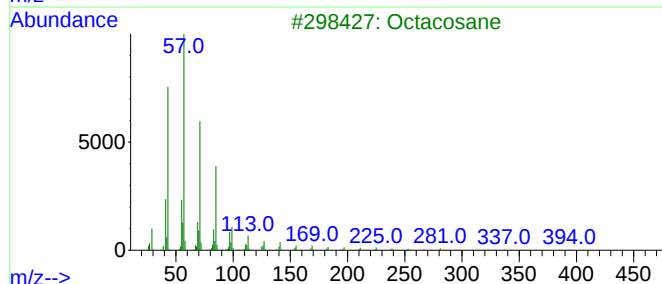
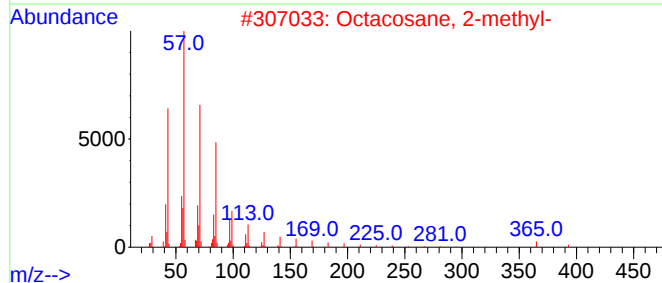
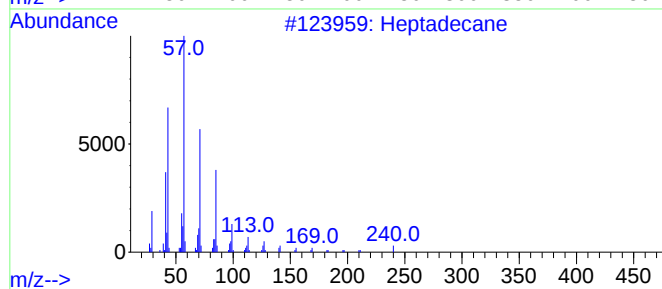
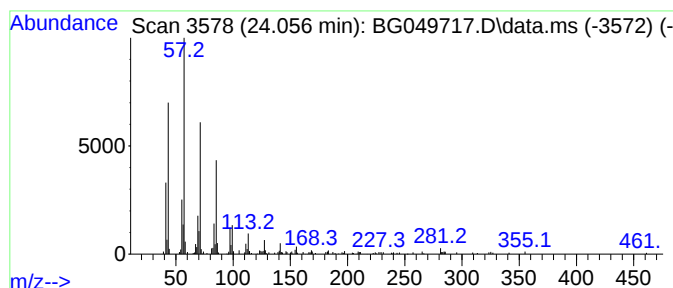
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 24.056 | 14.79 ng/ul | 317262 | Perylene-d12     | 25.008 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane           | 240 | C17H36  | 000629-78-7 | 91   |
| 2    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 90   |
| 3    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    |   | Hexatriacontane       | 507 | C36H74  | 000630-06-8 | 90   |
| 5    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.M  
Quant Title : SVOA CALIBRATION

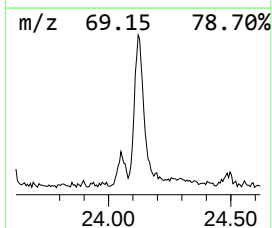
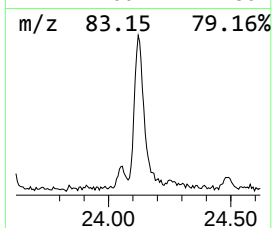
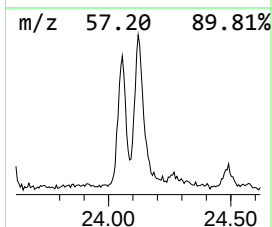
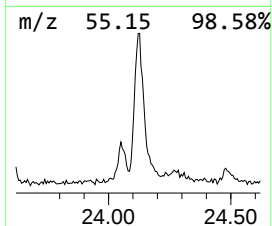
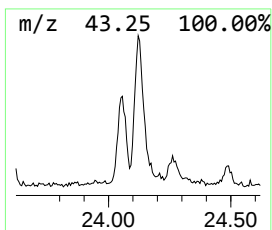
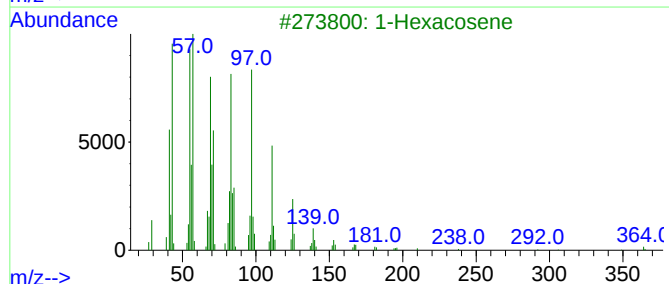
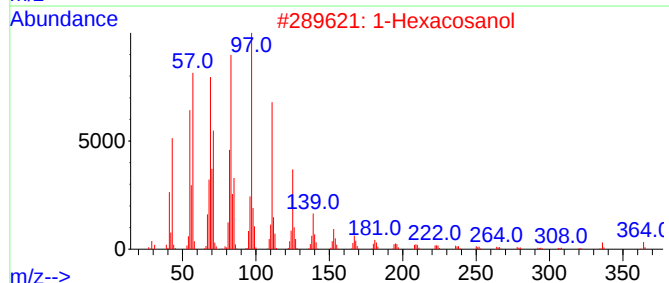
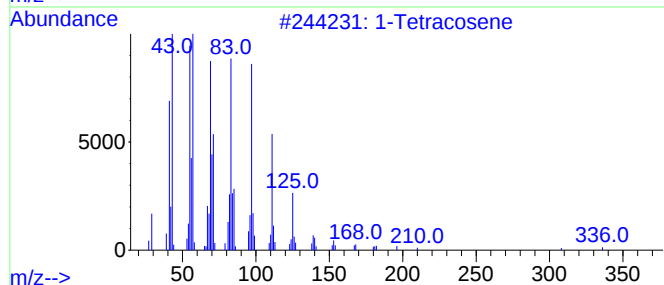
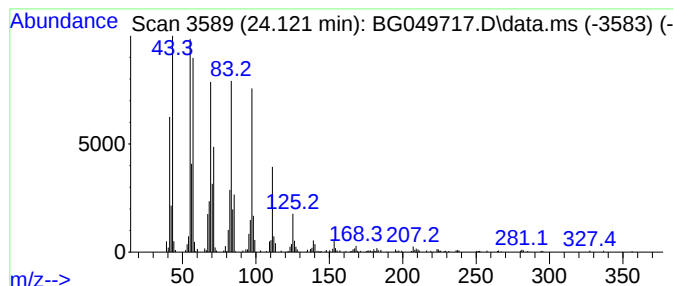
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 24.121 | 44.22 ng/ul | 948763 | Perylene-d12     | 25.008 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|-------------|------|
| 1    | 1-Tetracosene                       |   |              | 336 | C24H48      | 010192-32-2 | 91   |
| 2    | 1-Hexacosanol                       |   |              | 382 | C26H54O     | 000506-52-5 | 91   |
| 3    | 1-Hexacosene                        |   |              | 364 | C26H52      | 018835-33-1 | 91   |
| 4    | Pentafluoropropionic acid, penta... |   |              | 374 | C18H31F5O2  | 959092-08-1 | 91   |
| 5    | Trichloroacetic acid, hexadecyl ... |   |              | 386 | C18H33Cl3O2 | 074339-54-1 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

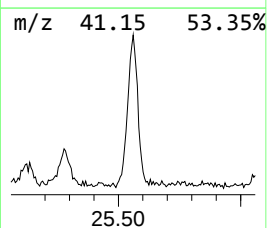
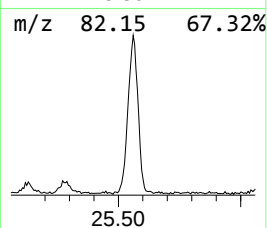
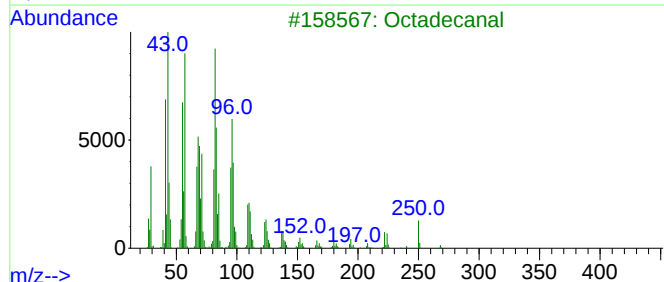
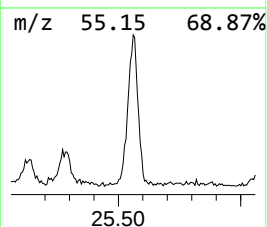
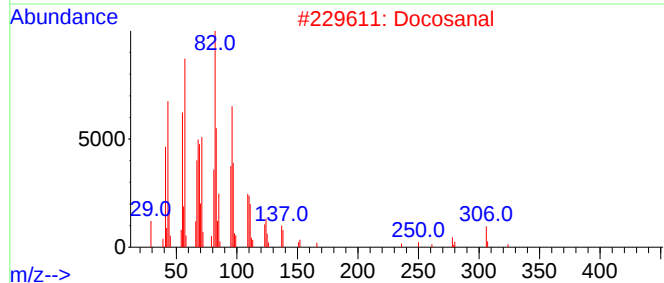
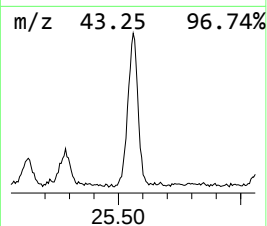
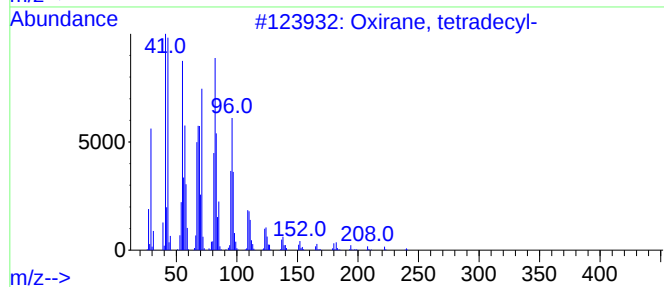
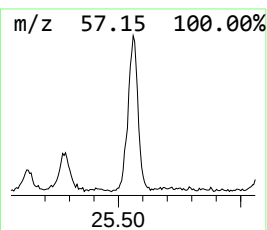
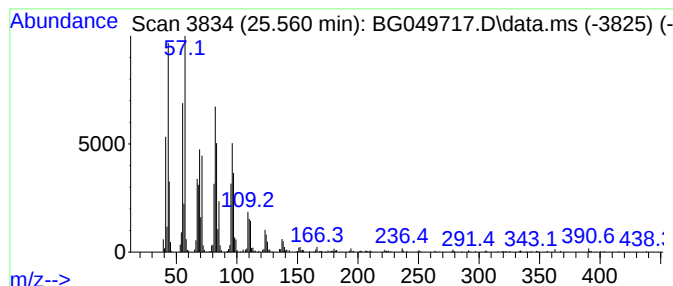
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Quant Title : SVOA CALIBRATION

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

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Peak Number 25 Oxirane, tetradecyl- Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 25.560 | 64.52 ng/ul | 1384540 | Perylene-d12     | 25.008 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-----------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxirane, tetradecyl-        | 240 | C16H32O  | 007320-37-8  | 95   |
| 2    |    |   | Docosanal                   | 324 | C22H44O  | 057402-36-5  | 91   |
| 3    |    |   | Octadecanal                 | 268 | C18H36O  | 000638-66-4  | 90   |
| 4    |    |   | 1,19-Eicosadiene            | 278 | C20H38   | 014811-95-1  | 89   |
| 5    |    |   | E-9-Tetradecen-1-ol formate | 240 | C15H28O2 | 1000130-78-2 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
Data File : BG049717.D  
Acq On : 7 Aug 2021 23:39  
Operator : CG/JU  
Sample : M3244-01  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JCE01

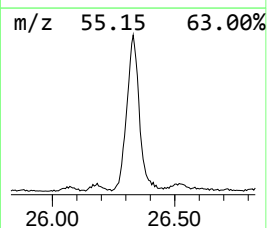
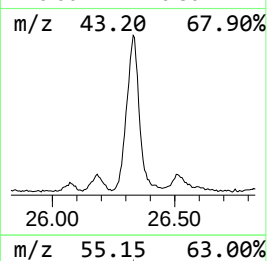
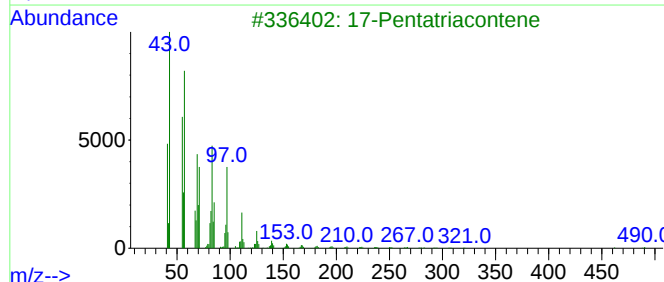
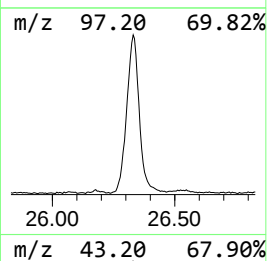
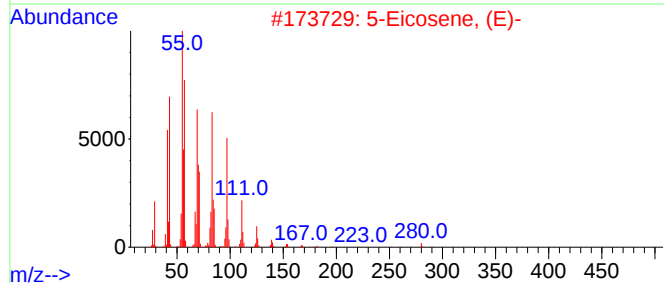
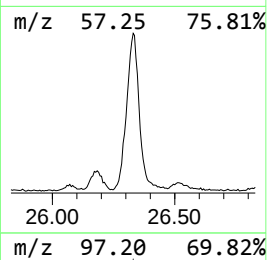
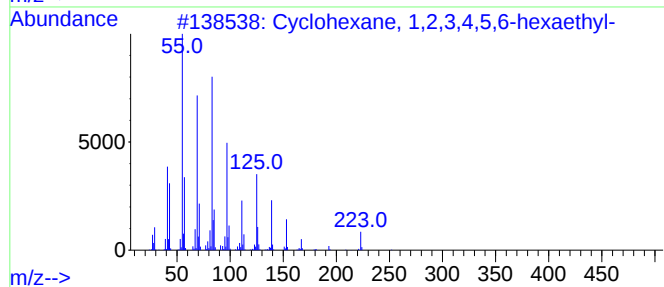
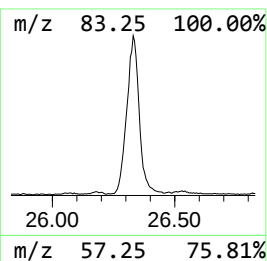
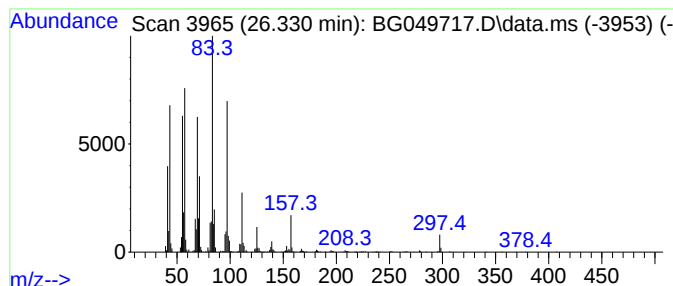
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Quant Title : SVOA CALIBRATION

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

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Peak Number 26 (DEL) Alkane: Cyclic26.330 Concentration Rank 1

| R.T.   | EstConc      | Area    | Relative to ISTD | R.T.   |
|--------|--------------|---------|------------------|--------|
| 26.330 | 170.67 ng/ul | 3662160 | Perylene-d12     | 25.008 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Cyclohexane, 1,2,3,4,5,6-hexaethyl- | 252 | C18H36     | 001795-14-8  | 72   |
| 2    |    |   | 5-Eicosene, (E)-                    | 280 | C20H40     | 074685-30-6  | 58   |
| 3    |    |   | 17-Pentatriacontene                 | 491 | C35H70     | 006971-40-0  | 50   |
| 4    |    |   | Tetracosyl heptafluorobutyrate      | 550 | C28H49F7O2 | 1000351-83-7 | 49   |
| 5    |    |   | Hexacosyl heptafluorobutyrate       | 578 | C30H53F7O2 | 1000351-83-3 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080521\  
 Data File : BG049717.D  
 Acq On : 7 Aug 2021 23:39  
 Operator : CG/JU  
 Sample : M3244-01  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JCE01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG080421.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 |
| (DEL) Alkane: C... | 3.079  | 12.5    | ng/ul | 138316   | 1                     | 8.043  | 221161 | 20.0 |
| Butane, 2-metho... | 3.161  | 48.0    | ng/ul | 531036   | 1                     | 8.043  | 221161 | 20.0 |
| (DEL) Alkane: S... | 4.412  | 6.2     | ng/ul | 68084    | 1                     | 8.043  | 221161 | 20.0 |
| unknown-01         | 4.829  | 4.3     | ng/ul | 47844    | 1                     | 8.043  | 221161 | 20.0 |
| Diethyltoluamide   | 15.427 | 2.6     | ng/ul | 54472    | 3                     | 14.693 | 413233 | 20.0 |
| unknown-02         | 15.497 | 3.5     | ng/ul | 73132    | 3                     | 14.693 | 413233 | 20.0 |
| Benzoic acid, 2... | 16.572 | 2.1     | ng/ul | 44397    | 4                     | 17.448 | 431010 | 20.0 |
| Carbonic acid, ... | 17.195 | 2.2     | ng/ul | 48278    | 4                     | 17.448 | 431010 | 20.0 |
| n-Hexadecanoic ... | 18.329 | 8.5     | ng/ul | 183970   | 4                     | 17.448 | 431010 | 20.0 |
| Succinic acid, ... | 18.646 | 3.7     | ng/ul | 79657    | 4                     | 17.448 | 431010 | 20.0 |
| unknown-03         | 18.981 | 2.6     | ng/ul | 56914    | 4                     | 17.448 | 431010 | 20.0 |
| unknown-04         | 19.257 | 4.3     | ng/ul | 93509    | 4                     | 17.448 | 431010 | 20.0 |
| (DEL) Alkane: C... | 19.480 | 3.0     | ng/ul | 63961    | 4                     | 17.448 | 431010 | 20.0 |
| Eicosyl methyl ... | 20.320 | 6.0     | ng/ul | 148571   | 5                     | 21.730 | 491282 | 20.0 |
| (DEL) Alkane: S... | 20.350 | 6.7     | ng/ul | 165049   | 5                     | 21.730 | 491282 | 20.0 |
| unknown-05         | 20.679 | 5.6     | ng/ul | 137608   | 5                     | 21.730 | 491282 | 20.0 |
| Methyl dehydroa... | 20.790 | 4.7     | ng/ul | 114764   | 5                     | 21.730 | 491282 | 20.0 |
| 1-Phenanthrenem... | 21.025 | 8.1     | ng/ul | 198501   | 5                     | 21.730 | 491282 | 20.0 |
| Pentadecafluoro... | 21.354 | 58.4    | ng/ul | 1434660  | 5                     | 21.730 | 491282 | 20.0 |
| 1,19-Eicosadiene   | 22.159 | 12.6    | ng/ul | 309928   | 5                     | 21.730 | 491282 | 20.0 |
| (DEL) Alkane: S... | 22.552 | 58.1    | ng/ul | 1426730  | 5                     | 21.730 | 491282 | 20.0 |
| Tetracosanal       | 23.592 | 66.0    | ng/ul | 1415770  | 6                     | 25.008 | 429158 | 20.0 |
| (DEL) Alkane: S... | 24.056 | 14.8    | ng/ul | 317262   | 6                     | 25.008 | 429158 | 20.0 |
| (DEL) Alkane: S... | 24.121 | 44.2    | ng/ul | 948763   | 6                     | 25.008 | 429158 | 20.0 |
| Oxirane, tetrad... | 25.560 | 64.5    | ng/ul | 1384540  | 6                     | 25.008 | 429158 | 20.0 |
| (DEL) Alkane: C... | 26.330 | 170.7   | ng/ul | 3662160  | 6                     | 25.008 | 429158 | 20.0 |