

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015068.D  
 Acq On : 25 Jun 2021 09:20  
 Operator : CG/JU  
 Sample : M2720-11  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0CQ5

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\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN015068.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         | 3.134       | 4             | 8           | 11           | rBV2     | 72551          | 76158         | 1.68%           | 0.370%        |
| 2         | 3.164       | 11            | 13          | 15           | rVV      | 30516          | 32911         | 0.72%           | 0.160%        |
| 3         | 3.187       | 15            | 17          | 19           | rVV      | 48028          | 48930         | 1.08%           | 0.238%        |
| 4         | 3.223       | 19            | 23          | 31           | rVB      | 4314748        | 4546045       | 100.00%         | 22.095%       |
| 5         | 3.517       | 69            | 73          | 74           | rBV      | 12133          | 12215         | 0.27%           | 0.059%        |
| 6         | 3.546       | 74            | 78          | 85           | rVV      | 134050         | 157651        | 3.47%           | 0.766%        |
| 7         | 3.634       | 89            | 93          | 96           | rVB3     | 9752           | 11980         | 0.26%           | 0.058%        |
| 8         | 3.999       | 151           | 155         | 162          | rVB      | 37048          | 45229         | 0.99%           | 0.220%        |
| 9         | 5.275       | 369           | 372         | 378          | rVB3     | 5083           | 7134          | 0.16%           | 0.035%        |
| 10        | 7.722       | 781           | 788         | 797          | rVB      | 819375         | 1300638       | 28.61%          | 6.322%        |
| 11        | 10.499      | 1251          | 1260        | 1268         | rBV      | 1061682        | 1736938       | 38.21%          | 8.442%        |
| 12        | 14.351      | 1908          | 1915        | 1926         | rVB      | 1446818        | 2066723       | 45.46%          | 10.045%       |
| 13        | 16.887      | 2341          | 2346        | 2352         | rVB2     | 5609           | 8869          | 0.20%           | 0.043%        |
| 14        | 17.098      | 2375          | 2382        | 2389         | rBV      | 1539357        | 2215508       | 48.73%          | 10.768%       |
| 15        | 17.192      | 2395          | 2398        | 2402         | rBV4     | 4292           | 5944          | 0.13%           | 0.029%        |
| 16        | 17.704      | 2480          | 2485        | 2490         | rVB6     | 4011           | 8057          | 0.18%           | 0.039%        |
| 17        | 17.787      | 2495          | 2499        | 2502         | rVV3     | 7387           | 8509          | 0.19%           | 0.041%        |
| 18        | 18.175      | 2560          | 2565        | 2570         | rBV      | 181049         | 222404        | 4.89%           | 1.081%        |
| 19        | 18.234      | 2570          | 2575        | 2579         | rVV2     | 36204          | 44317         | 0.97%           | 0.215%        |
| 20        | 18.275      | 2579          | 2582        | 2587         | rVB4     | 4964           | 5337          | 0.12%           | 0.026%        |
| 21        | 18.457      | 2609          | 2613        | 2619         | rBV      | 70486          | 89943         | 1.98%           | 0.437%        |
| 22        | 18.604      | 2635          | 2638        | 2640         | rBV3     | 3917           | 4575          | 0.10%           | 0.022%        |
| 23        | 18.634      | 2640          | 2643        | 2649         | rVB2     | 18980          | 20866         | 0.46%           | 0.101%        |
| 24        | 18.945      | 2693          | 2696        | 2700         | rBV2     | 28919          | 34135         | 0.75%           | 0.166%        |
| 25        | 18.998      | 2700          | 2705        | 2706         | rVV      | 77021          | 85910         | 1.89%           | 0.418%        |
| 26        | 19.028      | 2706          | 2710        | 2716         | rVV2     | 262409         | 354542        | 7.80%           | 1.723%        |
| 27        | 19.110      | 2720          | 2724        | 2728         | rVV2     | 33272          | 37525         | 0.83%           | 0.182%        |
| 28        | 19.234      | 2741          | 2745        | 2753         | rBV3     | 52803          | 77857         | 1.71%           | 0.378%        |
| 29        | 19.310      | 2753          | 2758        | 2765         | rVV      | 401499         | 519291        | 11.42%          | 2.524%        |
| 30        | 19.375      | 2765          | 2769        | 2773         | rVB      | 150814         | 169668        | 3.73%           | 0.825%        |
| 31        | 19.504      | 2788          | 2791        | 2794         | rBV4     | 11056          | 11863         | 0.26%           | 0.058%        |
| 32        | 19.575      | 2798          | 2803        | 2807         | rVV2     | 97049          | 115980        | 2.55%           | 0.564%        |
| 33        | 19.651      | 2810          | 2816        | 2821         | rVV      | 178562         | 209783        | 4.61%           | 1.020%        |
| 34        | 19.704      | 2821          | 2825        | 2828         | rVV      | 56758          | 67208         | 1.48%           | 0.327%        |
| 35        | 19.757      | 2828          | 2834        | 2839         | rVB      | 380867         | 499681        | 10.99%          | 2.429%        |
| 36        | 19.904      | 2852          | 2859        | 2862         | rBV3     | 35634          | 66203         | 1.46%           | 0.322%        |

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 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0CQ5

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\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 19.975 | 2869 | 2871 | 2874 | rVB2 | 10254   | 8895    | 0.20%  | 0.043% |
| 38 | 20.022 | 2874 | 2879 | 2884 | rBV2 | 147008  | 201416  | 4.43%  | 0.979% |
| 39 | 20.075 | 2884 | 2888 | 2892 | rVB  | 367745  | 415953  | 9.15%  | 2.022% |
| 40 | 20.151 | 2898 | 2901 | 2905 | rBV5 | 9018    | 9518    | 0.21%  | 0.046% |
| 41 | 20.222 | 2908 | 2913 | 2917 | rBV7 | 23904   | 37037   | 0.81%  | 0.180% |
| 42 | 20.304 | 2923 | 2927 | 2932 | rBV  | 194403  | 217615  | 4.79%  | 1.058% |
| 43 | 20.357 | 2932 | 2936 | 2938 | rBV2 | 96935   | 125514  | 2.76%  | 0.610% |
| 44 | 20.381 | 2938 | 2940 | 2945 | rVB  | 144112  | 152918  | 3.36%  | 0.743% |
| 45 | 20.457 | 2950 | 2953 | 2958 | rVB4 | 34853   | 35743   | 0.79%  | 0.174% |
| 46 | 20.522 | 2962 | 2964 | 2967 | rBV5 | 14059   | 14943   | 0.33%  | 0.073% |
| 47 | 20.622 | 2974 | 2981 | 2989 | rBV  | 247712  | 385630  | 8.48%  | 1.874% |
| 48 | 20.710 | 2993 | 2996 | 2998 | rBV2 | 13699   | 13897   | 0.31%  | 0.068% |
| 49 | 20.928 | 3029 | 3033 | 3038 | rBV  | 78727   | 84787   | 1.87%  | 0.412% |
| 50 | 21.175 | 3073 | 3075 | 3081 | rVB4 | 29135   | 31047   | 0.68%  | 0.151% |
| 51 | 21.292 | 3090 | 3095 | 3100 | rBV  | 1583338 | 2031936 | 44.70% | 9.876% |
| 52 | 23.539 | 3470 | 3477 | 3487 | rBV2 | 1007720 | 1881199 | 41.38% | 9.143% |

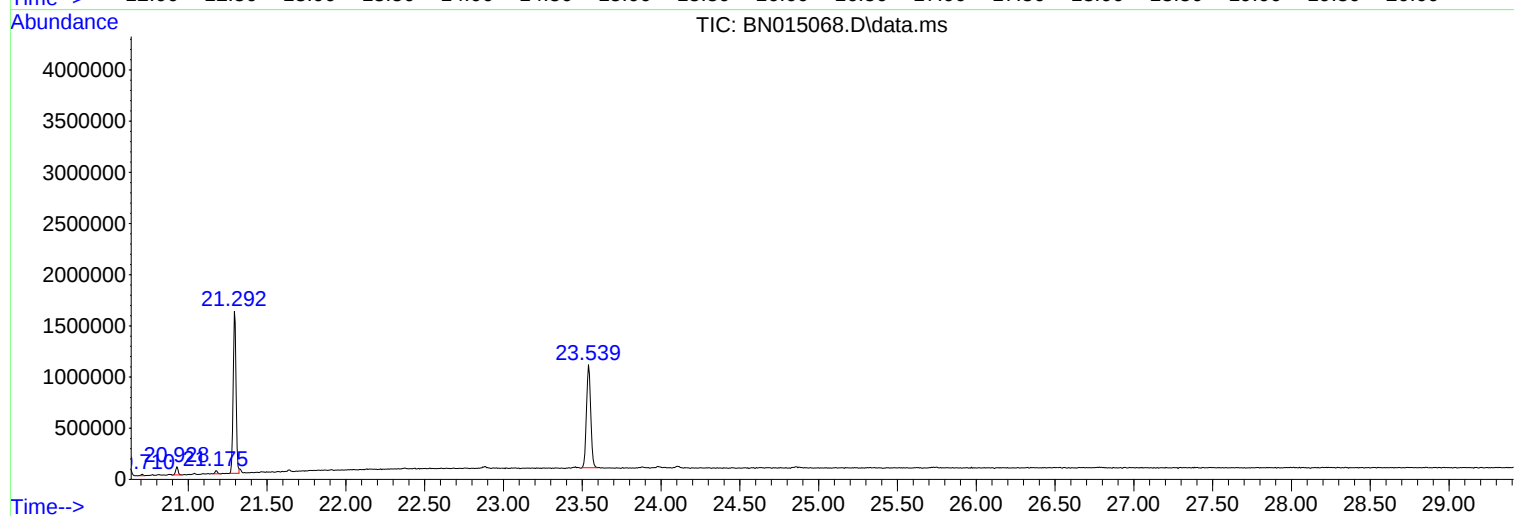
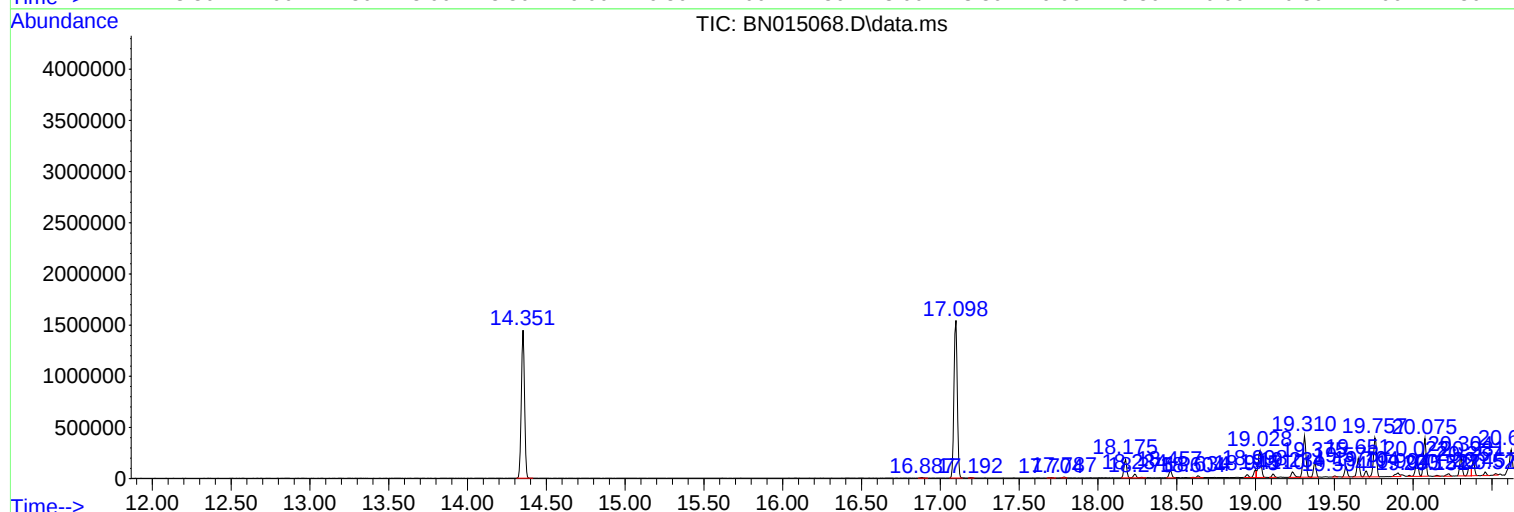
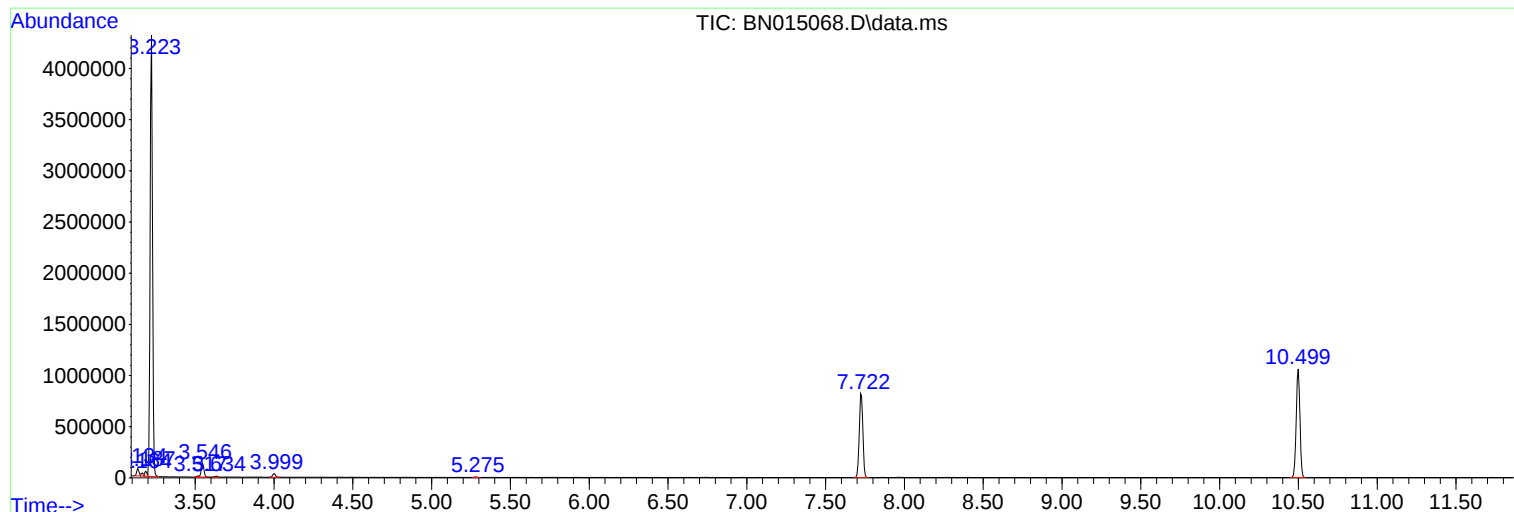
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ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :  
C0CQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Operator : CG/JU  
Sample : M2720-11  
Misc : GCMS CONFIRMATION  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0CQ5

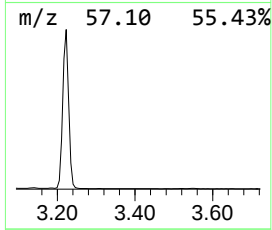
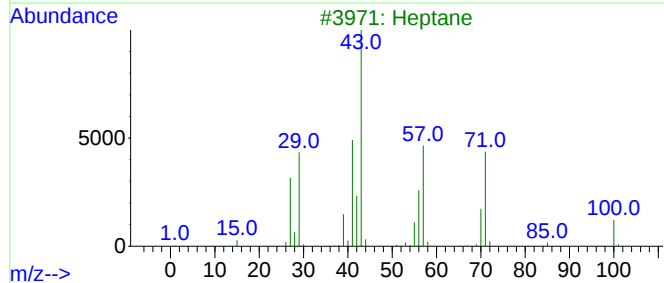
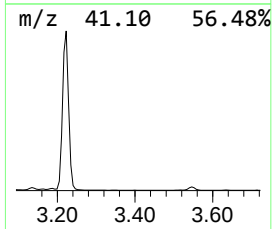
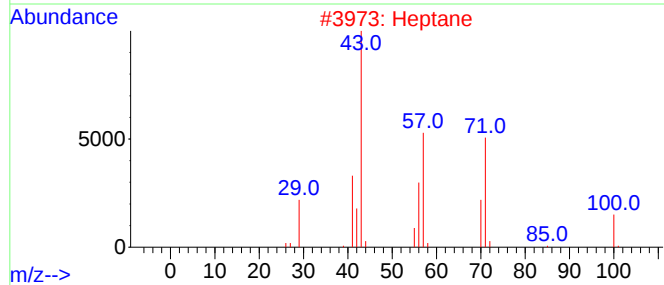
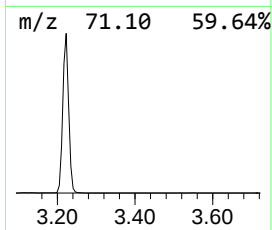
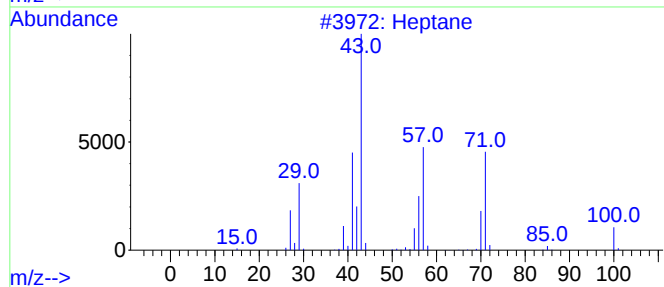
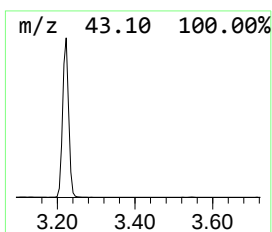
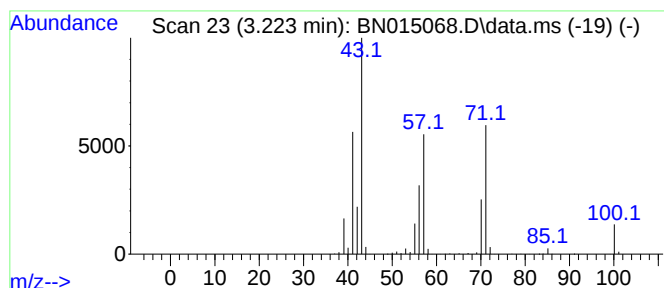
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.223 | 69.90 ng/ul | 4546050 | 1,4-Dichlorobenzene-d4 | 7.722 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heptane                            | 100 | C7H16    | 000142-82-5  | 95   |
| 2    |    |   | Heptane                            | 100 | C7H16    | 000142-82-5  | 91   |
| 3    |    |   | Heptane                            | 100 | C7H16    | 000142-82-5  | 90   |
| 4    |    |   | Heptane                            | 100 | C7H16    | 000142-82-5  | 86   |
| 5    |    |   | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 59   |



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C0CQ5

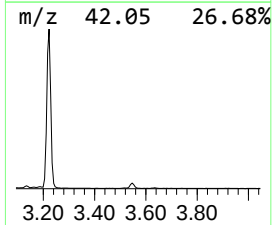
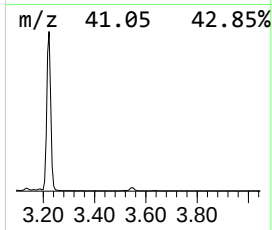
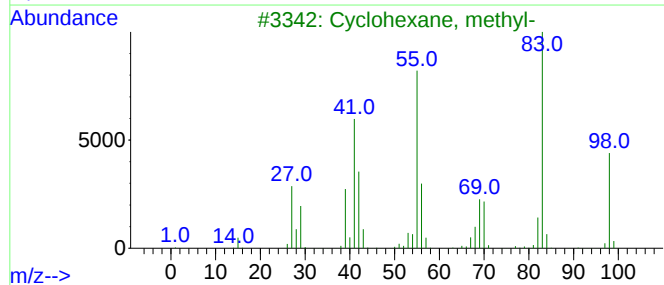
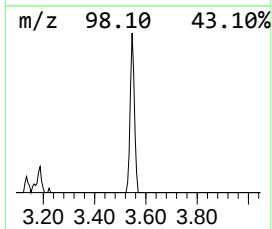
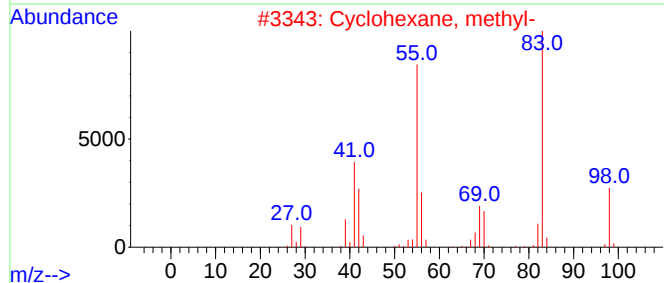
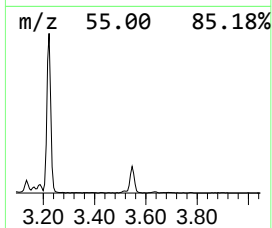
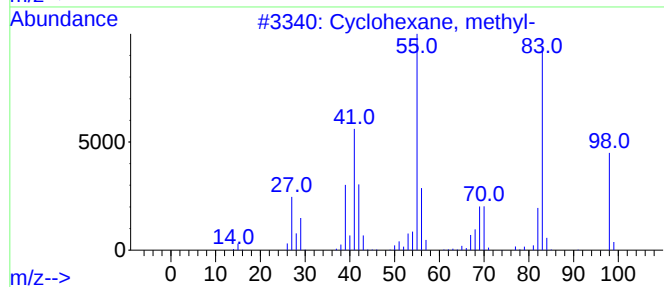
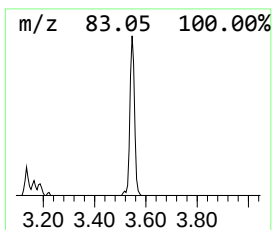
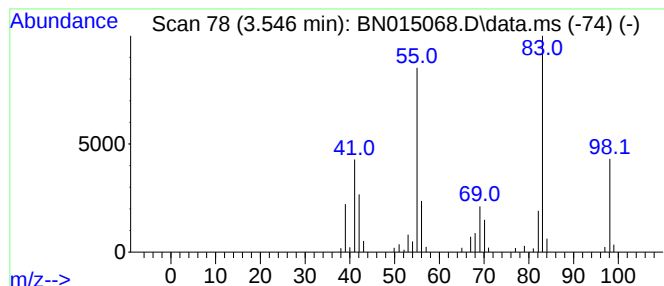
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Cyclic3.546 Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 3.546 | 2.42 ng/ul | 157651 | 1,4-Dichlorobenzene-d4 | 7.722 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclohexane, methyl-           | 98 | C7H14   | 000108-87-2 | 94   |
| 2    |    |   | Cyclohexane, methyl-           | 98 | C7H14   | 000108-87-2 | 91   |
| 3    |    |   | Cyclohexane, methyl-           | 98 | C7H14   | 000108-87-2 | 90   |
| 4    |    |   | Cyclohexane, methyl-           | 98 | C7H14   | 000108-87-2 | 90   |
| 5    |    |   | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 64   |



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ClientSampleId :  
C0CQ5

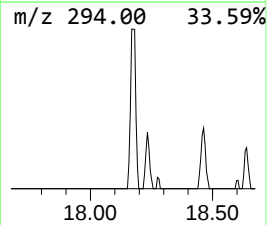
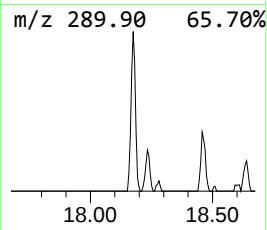
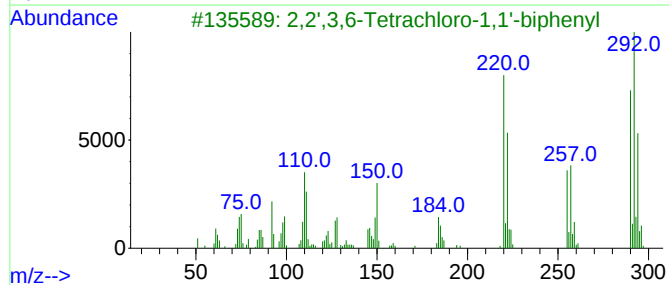
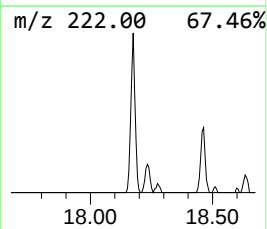
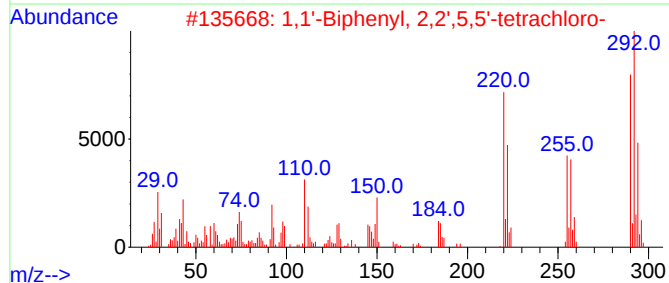
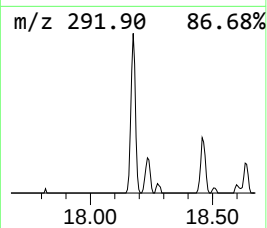
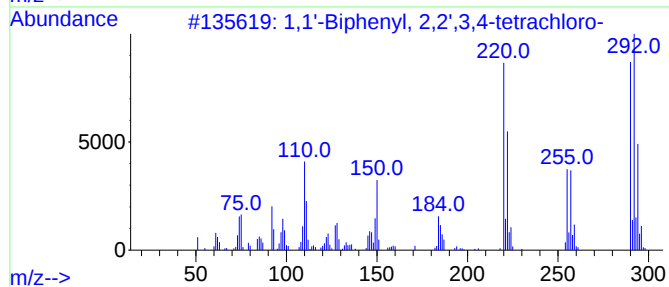
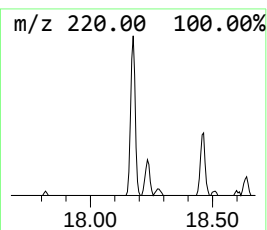
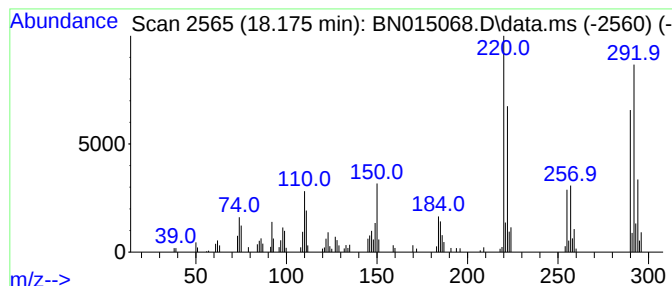
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.175 | 2.01 ng/ul | 222404 | Phenanthrene-d10 | 17.098 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 2,2',3,4-tetrachl... | 290 | C12H6Cl4     | 052663-59-9 | 99      |      |      |
| 2    | 1,1'-Biphenyl, 2,2',5,5'-tetrach... | 290 | C12H6Cl4     | 035693-99-3 | 99      |      |      |
| 3    | 2,2',3,6-Tetrachloro-1,1'-biphenyl  | 290 | C12H6Cl4     | 070362-45-7 | 99      |      |      |
| 4    | 1,1'-Biphenyl, 2,2',4,5'-tetrach... | 290 | C12H6Cl4     | 041464-40-8 | 99      |      |      |
| 5    | 1,1'-Biphenyl, 2,2',3,4'-tetrach... | 290 | C12H6Cl4     | 036559-22-5 | 99      |      |      |



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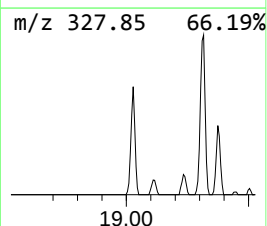
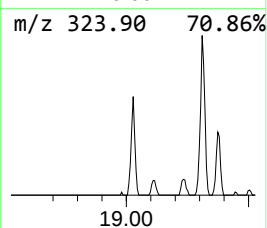
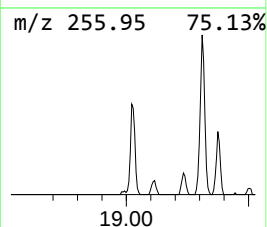
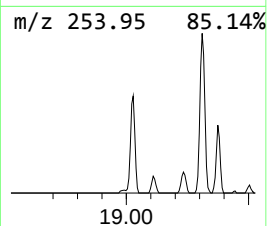
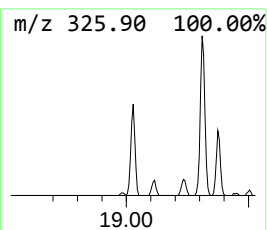
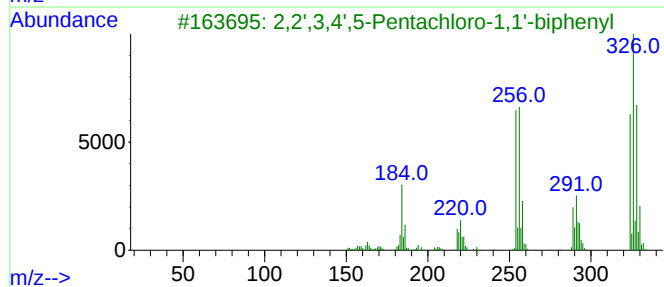
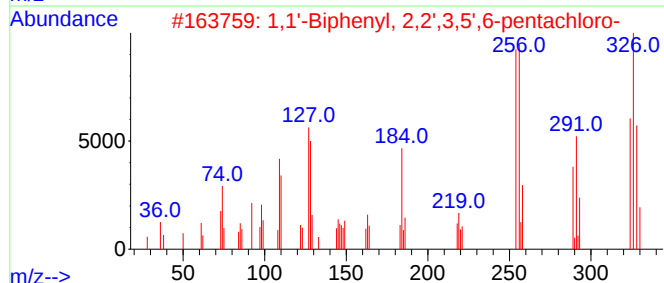
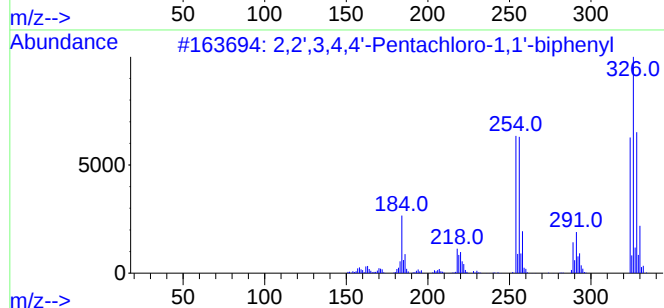
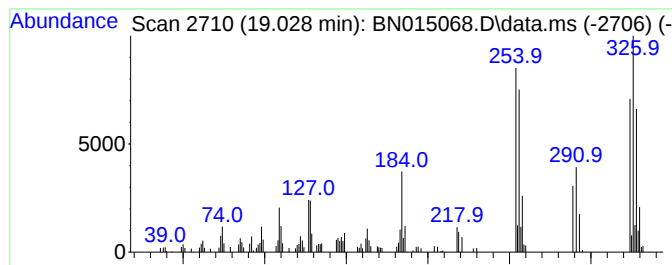
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 2,2',3,4,4'-Pentachloro-1,1... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.028    | 3.20 ng/ul                          | 354542 | Phenanthrene-d10 | 17.098      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 2,2',3,4,4'-Pentachloro-1,1'-bip... | 324    | C12H5Cl5         | 065510-45-4 | 99   |
| 2         | 1,1'-Biphenyl, 2,2',3,5',6-penta... | 324    | C12H5Cl5         | 038379-99-6 | 99   |
| 3         | 2,2',3,4',5-Pentachloro-1,1'-bip... | 324    | C12H5Cl5         | 068194-07-0 | 99   |
| 4         | 1,1'-Biphenyl, 2,2',4,4',5-penta... | 324    | C12H5Cl5         | 038380-01-7 | 99   |
| 5         | 1,1'-Biphenyl, 2,2',3',4,5-Penta... | 324    | C12H5Cl5         | 041464-51-1 | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
Data File : BN015068.D  
Acq On : 25 Jun 2021 09:20  
Operator : CG/JU  
Sample : M2720-11  
Misc : GCMS CONFIRMATION  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0CQ5

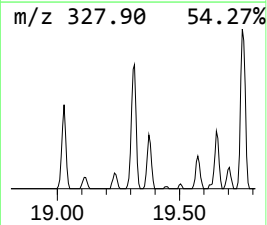
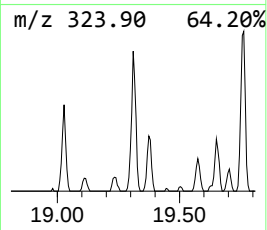
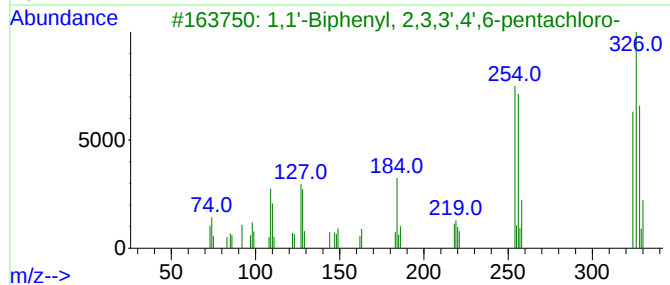
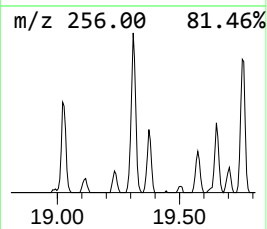
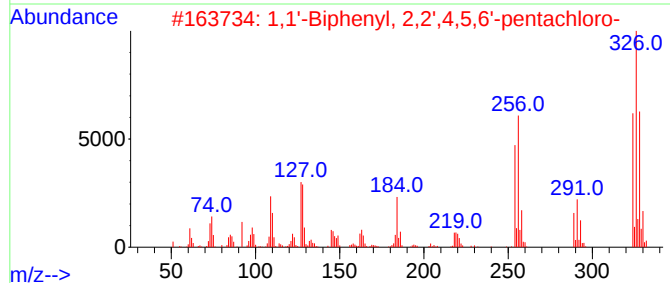
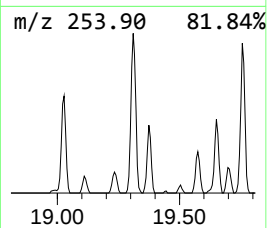
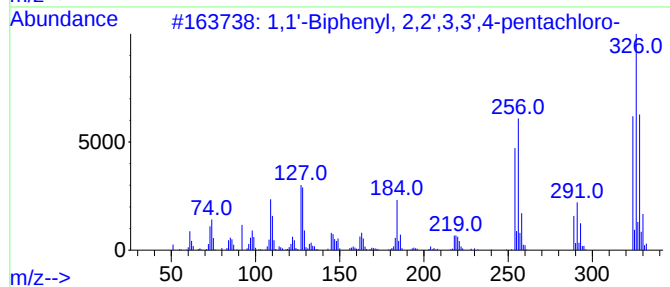
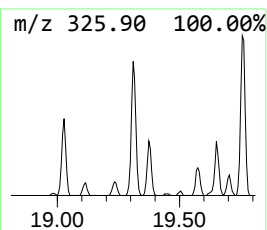
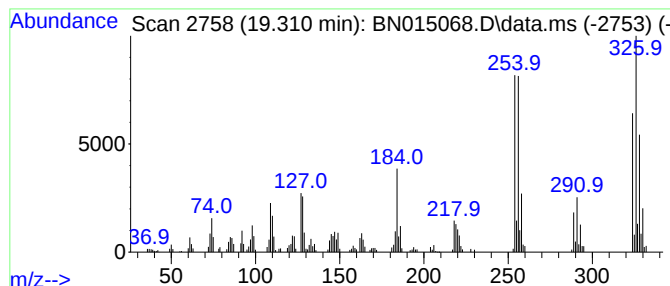
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 5 1,1'-Biphenyl, 2,2',3,3',4-... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.310    | 5.11 ng/ul                          | 519291 | Chrysene-d12     | 21.292      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,1'-Biphenyl, 2,2',3,3',4-penta... | 324    | C12H5Cl5         | 052663-62-4 | 99   |
| 2         | 1,1'-Biphenyl, 2,2',4,5,6'-penta... | 324    | C12H5Cl5         | 068194-06-9 | 99   |
| 3         | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324    | C12H5Cl5         | 038380-03-9 | 99   |
| 4         | 1,1'-Biphenyl, 2,2',4,4',6-Penta... | 324    | C12H5Cl5         | 039485-83-1 | 99   |
| 5         | 1,1'-Biphenyl, 2,3',4,4',5-penta... | 324    | C12H5Cl5         | 031508-00-6 | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
Data File : BN015068.D  
Acq On : 25 Jun 2021 09:20  
Operator : CG/JU  
Sample : M2720-11  
Misc : GCMS CONFIRMATION  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0CQ5

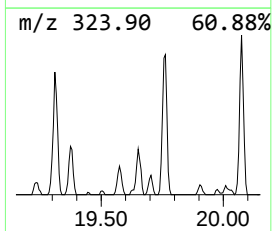
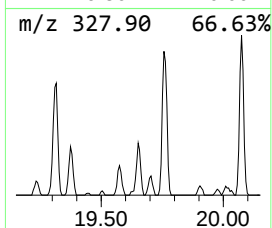
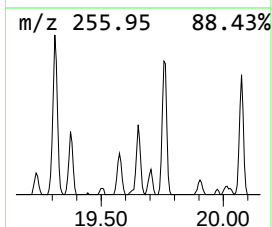
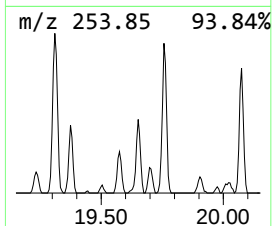
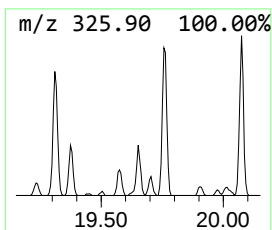
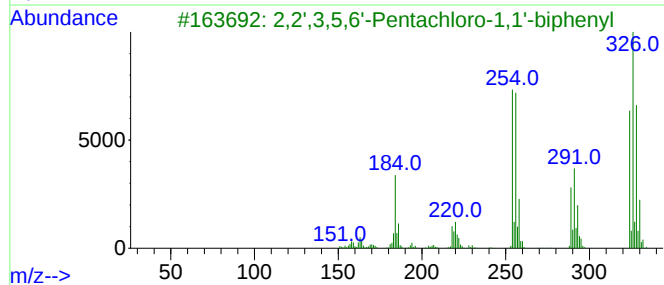
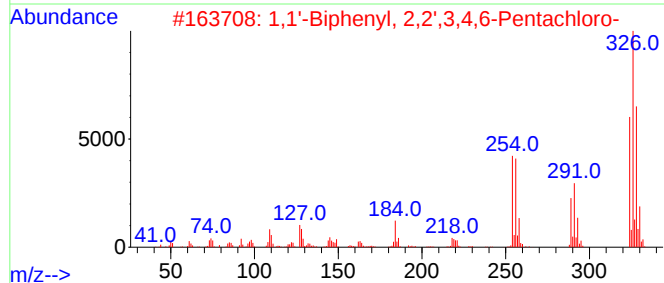
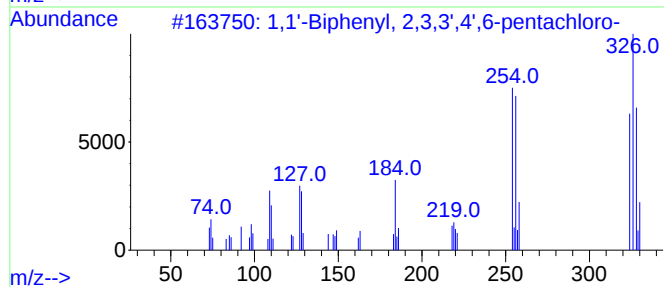
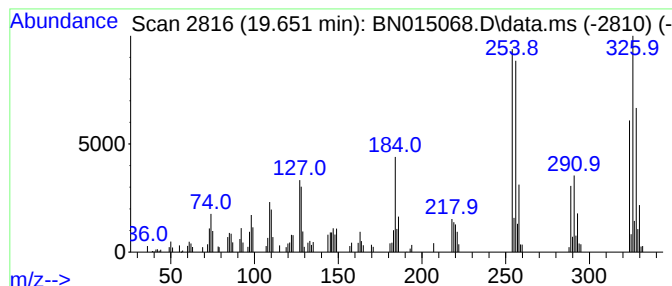
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.651 | 2.06 ng/ul | 209783 | Chrysene-d12     | 21.292 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5     | 038380-03-9 | 99      |      |      |
| 2    | 1,1'-Biphenyl, 2,2',3,4,6-Pentac... | 324 | C12H5Cl5     | 055215-17-3 | 99      |      |      |
| 3    | 2,2',3,5,6'-Pentachloro-1,1'-bip... | 324 | C12H5Cl5     | 073575-55-0 | 99      |      |      |
| 4    | 2,2',3,4,6'-Pentachloro-1,1'-bip... | 324 | C12H5Cl5     | 073575-57-2 | 99      |      |      |
| 5    | 2,2',3,4,4'-Pentachloro-1,1'-bip... | 324 | C12H5Cl5     | 065510-45-4 | 99      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
Data File : BN015068.D  
Acq On : 25 Jun 2021 09:20  
Operator : CG/JU  
Sample : M2720-11  
Misc : GCMS CONFIRMATION  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0CQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
Quant Title : SVOA CALIBRATION

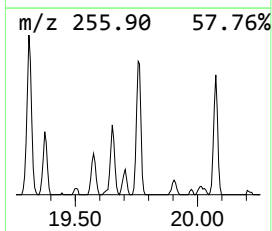
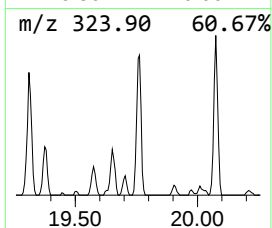
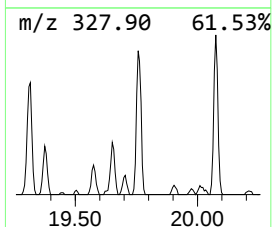
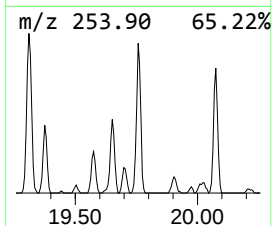
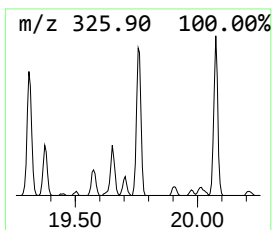
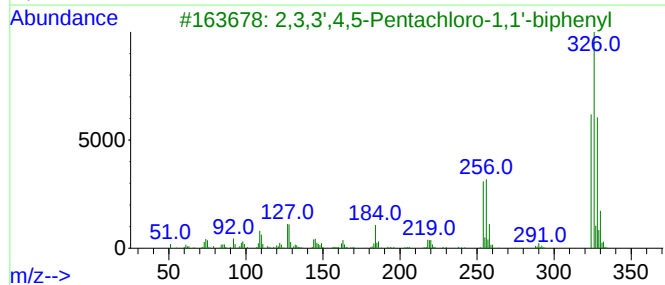
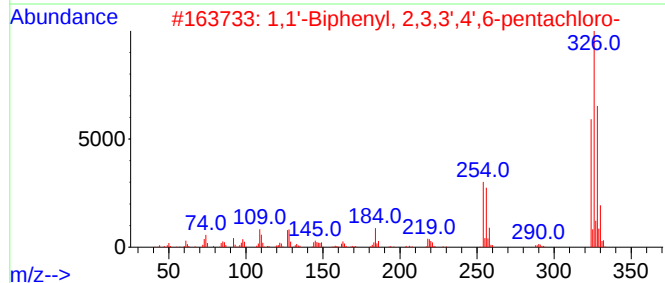
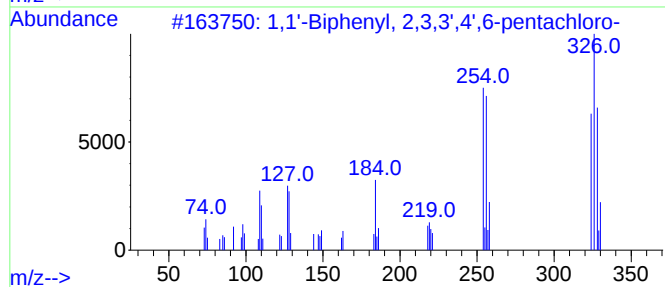
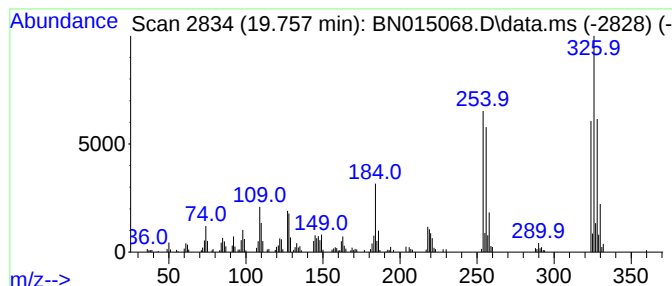
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.757 | 4.92 ng/ul | 499681 | Chrysene-d12     | 21.292 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5     | 038380-03-9 | 99      |      |      |
| 2    | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5     | 038380-03-9 | 99      |      |      |
| 3    | 2,3,3',4,5-Pentachloro-1,1'-biph... | 324 | C12H5Cl5     | 070424-69-0 | 99      |      |      |
| 4    | 3,3',4,5,5'-Pentachloro-1,1'-bip... | 324 | C12H5Cl5     | 039635-33-1 | 99      |      |      |
| 5    | 1,1'-Biphenyl, 2,3,3',4,4'-penta... | 324 | C12H5Cl5     | 032598-14-4 | 99      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
Data File : BN015068.D  
Acq On : 25 Jun 2021 09:20  
Operator : CG/JU  
Sample : M2720-11  
Misc : GCMS CONFIRMATION  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0CQ5

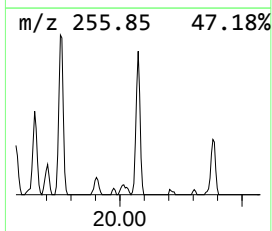
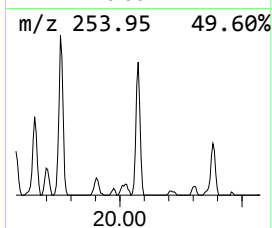
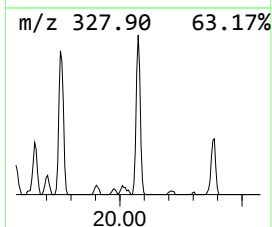
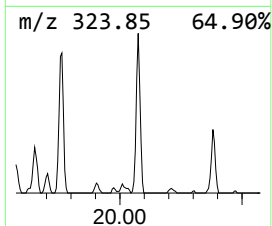
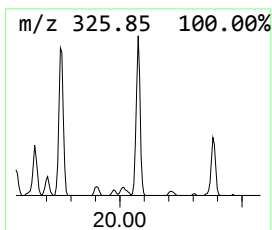
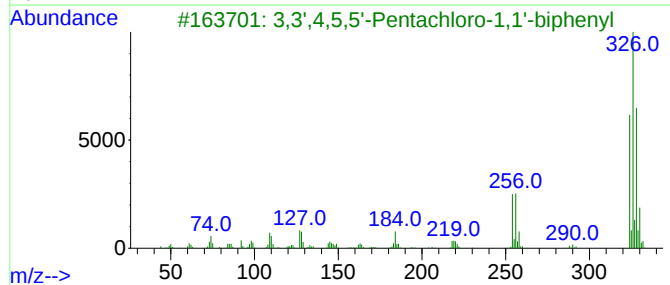
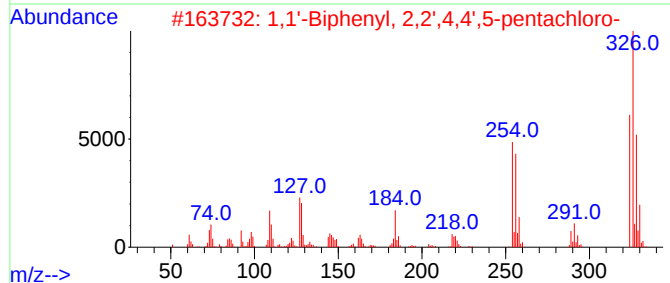
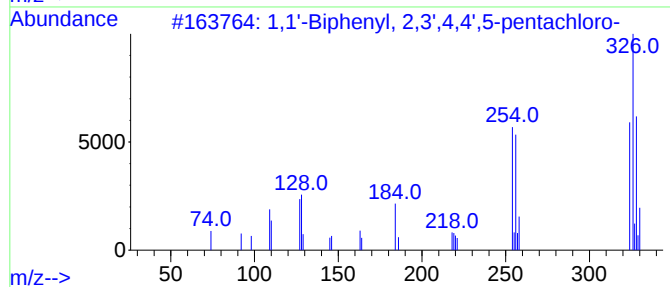
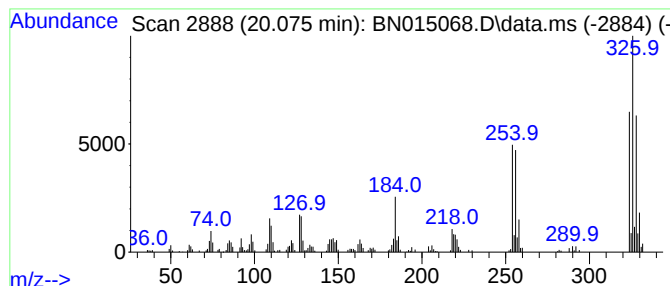
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.075 | 4.09 ng/ul | 415953 | Chrysene-d12     | 21.292 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 2,3',4,4',5-penta... | 324 | C12H5Cl5     | 031508-00-6 | 99      |      |      |
| 2    | 1,1'-Biphenyl, 2,2',4,4',5-penta... | 324 | C12H5Cl5     | 038380-01-7 | 99      |      |      |
| 3    | 3,3',4,5,5'-Pentachloro-1,1'-bip... | 324 | C12H5Cl5     | 039635-33-1 | 99      |      |      |
| 4    | 3,3',4,4',5-Pentachloro-1,1'-bi...  | 324 | C12H5Cl5     | 057465-28-8 | 99      |      |      |
| 5    | 1,1'-Biphenyl, 2,3,3',4,4'-penta... | 324 | C12H5Cl5     | 032598-14-4 | 99      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
Data File : BN015068.D  
Acq On : 25 Jun 2021 09:20  
Operator : CG/JU  
Sample : M2720-11  
Misc : GCMS CONFIRMATION  
ALS Vial : 32 Sample Multiplier: 1

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

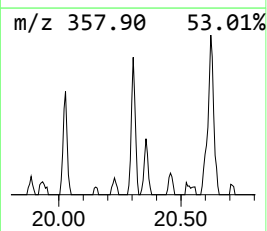
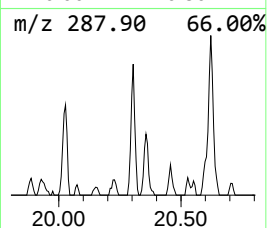
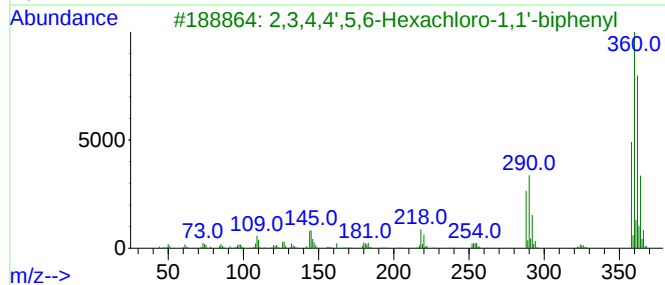
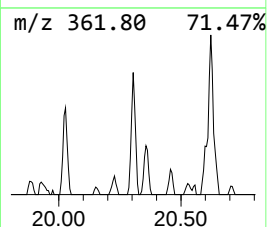
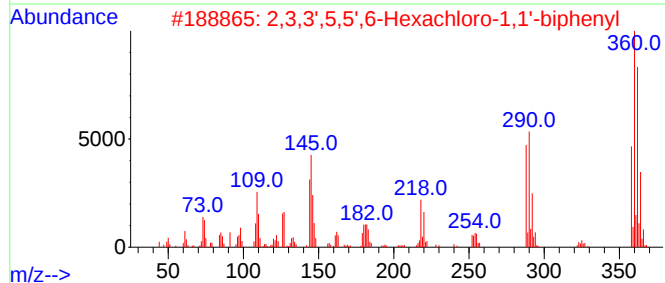
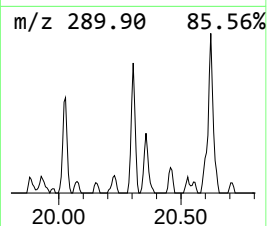
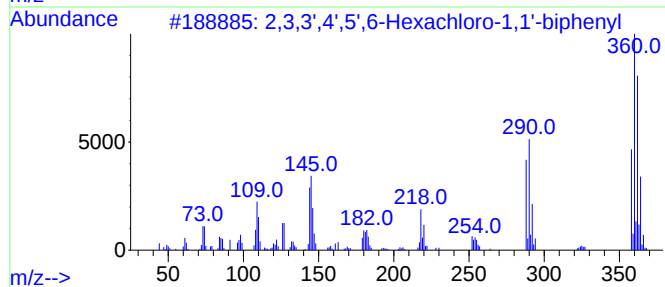
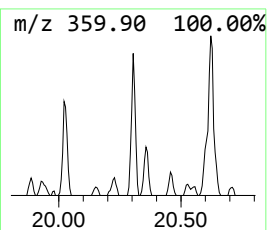
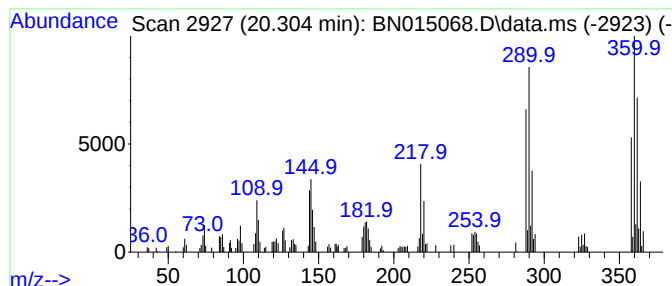
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 2,3,3',4',5',6-Hexachloro-1... Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.304 | 2.14 ng/ul | 217615 | Chrysene-d12     | 21.292 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,3,3',4',5',6-Hexachloro-1,1'-b... | 358 | C12H4Cl6     | 074472-45-0 | 99      |      |      |
| 2    | 2,3,3',5,5',6-Hexachloro-1,1'-bi... | 358 | C12H4Cl6     | 074472-46-1 | 99      |      |      |
| 3    | 2,3,4,4',5,6-Hexachloro-1,1'-bip... | 358 | C12H4Cl6     | 041411-63-6 | 99      |      |      |
| 4    | 2,2',3,5,6,6'-Hexachloro-1,1'-bi... | 358 | C12H4Cl6     | 068194-09-2 | 99      |      |      |
| 5    | 1,1'-Biphenyl, 2,3,3',4,4',5-hex... | 358 | C12H4Cl6     | 038380-08-4 | 99      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
Data File : BN015068.D  
Acq On : 25 Jun 2021 09:20  
Operator : CG/JU  
Sample : M2720-11  
Misc : GCMS CONFIRMATION  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0CQ5

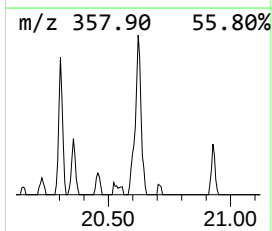
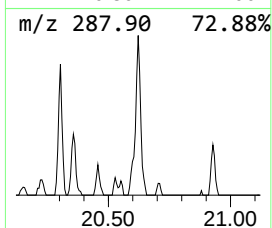
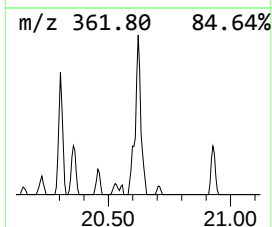
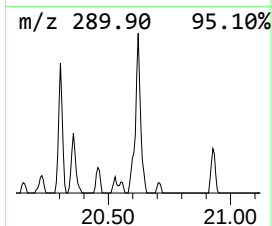
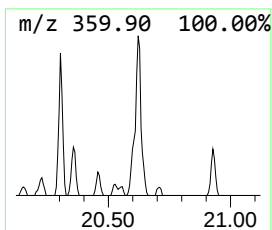
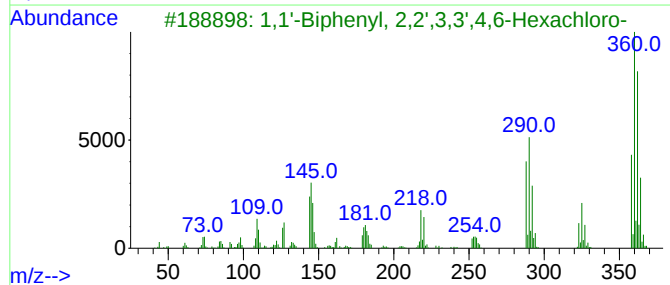
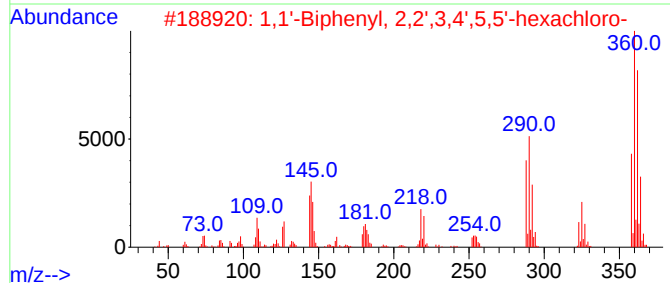
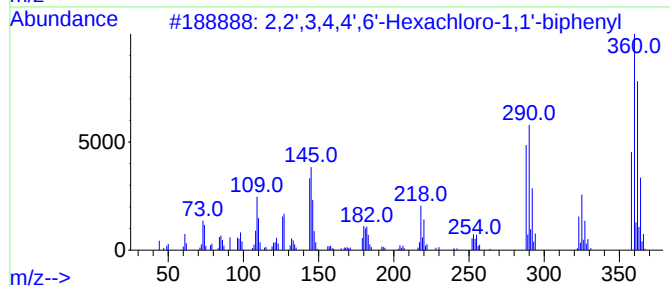
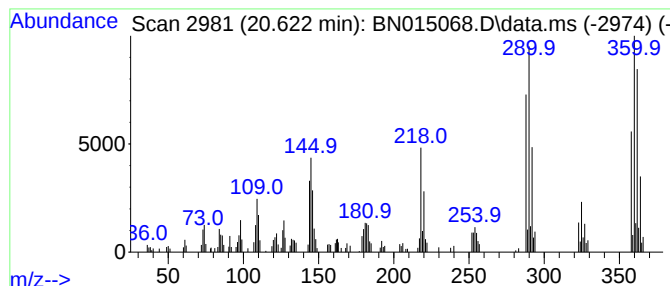
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 2,2',3,4,4',6'-Hexachloro-1... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 20.622    | 3.80 ng/ul                          | 385630 | Chrysene-d12     | 21.292      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 2,2',3,4,4',6'-Hexachloro-1,1'-b... | 358    | C12H4Cl6         | 059291-64-4 | 99   |
| 2         | 1,1'-Biphenyl, 2,2',3,4',5,5'-he... | 358    | C12H4Cl6         | 051908-16-8 | 99   |
| 3         | 1,1'-Biphenyl, 2,2',3,3',4,6-Hex... | 358    | C12H4Cl6         | 061798-70-7 | 99   |
| 4         | 1,1'-Biphenyl, 2,2',3,4,5,5'-hex... | 358    | C12H4Cl6         | 052712-04-6 | 99   |
| 5         | 2,3,3',5,5',6-Hexachloro-1,1'-bi... | 358    | C12H4Cl6         | 074472-46-1 | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062521\  
 Data File : BN015068.D  
 Acq On : 25 Jun 2021 09:20  
 Operator : CG/JU  
 Sample : M2720-11  
 Misc : GCMS CONFIRMATION  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0CQ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN061821MA.M  
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| (DEL) Alkane: S... | 3.223  | 69.9    | ng/ul | 4546050  | 1                     | 7.722  | 1300640 | 20.0 |
| (DEL) Alkane: C... | 3.546  | 2.4     | ng/ul | 157651   | 1                     | 7.722  | 1300640 | 20.0 |
| 1,1'-Biphenyl, ... | 18.175 | 2.0     | ng/ul | 222404   | 4                     | 17.098 | 2215510 | 20.0 |
| 2,2',3,4,4'-Pen... | 19.028 | 3.2     | ng/ul | 354542   | 4                     | 17.098 | 2215510 | 20.0 |
| 1,1'-Biphenyl, ... | 19.310 | 5.1     | ng/ul | 519291   | 5                     | 21.292 | 2031940 | 20.0 |
| 1,1'-Biphenyl, ... | 19.651 | 2.1     | ng/ul | 209783   | 5                     | 21.292 | 2031940 | 20.0 |
| 2,3,3',4,5-Pent... | 19.757 | 4.9     | ng/ul | 499681   | 5                     | 21.292 | 2031940 | 20.0 |
| 1,1'-Biphenyl, ... | 20.075 | 4.1     | ng/ul | 415953   | 5                     | 21.292 | 2031940 | 20.0 |
| 2,3,3',4',5',6-... | 20.304 | 2.1     | ng/ul | 217615   | 5                     | 21.292 | 2031940 | 20.0 |
| 2,2',3,4,4',6'-... | 20.622 | 3.8     | ng/ul | 385630   | 5                     | 21.292 | 2031940 | 20.0 |