

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\  
 Data File : BM025830.D  
 Acq On : 27 Mar 2020 09:57  
 Operator : CG/JU  
 Sample : L2005-02  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CODE2

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.940       | 341           | 349         | 362          | rBV      | 29368590       | 43599107      | 43.47%          | 14.457%       |
| 2         | 6.746       | 650           | 656         | 666          | rVB      | 178235         | 306685        | 0.31%           | 0.102%        |
| 3         | 6.910       | 678           | 684         | 696          | rBV      | 631385         | 955716        | 0.95%           | 0.317%        |
| 4         | 7.104       | 708           | 717         | 728          | rBV      | 714487         | 1105072       | 1.10%           | 0.366%        |
| 5         | 7.457       | 769           | 777         | 789          | rVB      | 3085346        | 4698989       | 4.68%           | 1.558%        |
| 6         | 7.604       | 789           | 802         | 809          | rBV      | 13701191       | 22340960      | 22.27%          | 7.408%        |
| 7         | 7.946       | 846           | 860         | 864          | rBV2     | 46848366       | 100303088     | 100.00%         | 33.260%       |
| 8         | 8.269       | 909           | 915         | 923          | rBV      | 533843         | 807645        | 0.81%           | 0.268%        |
| 9         | 8.704       | 982           | 989         | 1001         | rBV      | 807307         | 1280731       | 1.28%           | 0.425%        |
| 10        | 9.040       | 1040          | 1046        | 1053         | rBV      | 252868         | 402177        | 0.40%           | 0.133%        |
| 11        | 9.275       | 1077          | 1086        | 1089         | rVV      | 75766          | 117008        | 0.12%           | 0.039%        |
| 12        | 9.316       | 1089          | 1093        | 1095         | rVV2     | 68926          | 109526        | 0.11%           | 0.036%        |
| 13        | 9.351       | 1095          | 1099        | 1105         | rVV      | 126394         | 220607        | 0.22%           | 0.073%        |
| 14        | 9.422       | 1105          | 1111        | 1118         | rVV      | 656973         | 1034076       | 1.03%           | 0.343%        |
| 15        | 9.957       | 1195          | 1202        | 1213         | rBV      | 979831         | 1598831       | 1.59%           | 0.530%        |
| 16        | 10.222      | 1236          | 1247        | 1252         | rBV      | 31643885       | 57630457      | 57.46%          | 19.110%       |
| 17        | 10.334      | 1260          | 1266        | 1273         | rBV      | 1179222        | 1839566       | 1.83%           | 0.610%        |
| 18        | 10.716      | 1323          | 1331        | 1341         | rBV      | 6808866        | 11125941      | 11.09%          | 3.689%        |
| 19        | 12.345      | 1601          | 1608        | 1609         | rBV2     | 217806         | 277935        | 0.28%           | 0.092%        |
| 20        | 12.375      | 1609          | 1613        | 1622         | rVB      | 834999         | 1342714       | 1.34%           | 0.445%        |
| 21        | 12.992      | 1711          | 1718        | 1727         | rBV      | 3153362        | 4570699       | 4.56%           | 1.516%        |
| 22        | 13.216      | 1752          | 1756        | 1767         | rVB      | 205643         | 308163        | 0.31%           | 0.102%        |
| 23        | 13.622      | 1813          | 1825        | 1829         | rBV      | 1974926        | 2598985       | 2.59%           | 0.862%        |
| 24        | 13.669      | 1829          | 1833        | 1841         | rVB      | 306125         | 421293        | 0.42%           | 0.140%        |
| 25        | 13.892      | 1864          | 1871        | 1883         | rVB      | 2260680        | 3220550       | 3.21%           | 1.068%        |
| 26        | 14.204      | 1917          | 1924        | 1933         | rBV      | 1752690        | 2489790       | 2.48%           | 0.826%        |
| 27        | 14.410      | 1954          | 1959        | 1969         | rBV      | 157305         | 247097        | 0.25%           | 0.082%        |
| 28        | 14.528      | 1974          | 1979        | 1986         | rVB      | 375817         | 515666        | 0.51%           | 0.171%        |
| 29        | 15.198      | 2087          | 2093        | 2099         | rBV      | 2969895        | 4159208       | 4.15%           | 1.379%        |
| 30        | 15.322      | 2106          | 2114        | 2122         | rBV      | 931941         | 1260073       | 1.26%           | 0.418%        |
| 31        | 16.951      | 2384          | 2391        | 2396         | rBV      | 2098127        | 2976016       | 2.97%           | 0.987%        |
| 32        | 17.045      | 2401          | 2407        | 2419         | rBV      | 3512234        | 4809551       | 4.80%           | 1.595%        |
| 33        | 19.345      | 2789          | 2798        | 2804         | rBV      | 4367698        | 5718204       | 5.70%           | 1.896%        |
| 34        | 20.886      | 3055          | 3060        | 3066         | rBV3     | 159471         | 255245        | 0.25%           | 0.085%        |

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Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CODE2

## Integration Parameters: LSCINT.P

Integrator: RTE  
Smoothing : OFF  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0  
Filtering: 5  
Min Area: 0.1 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 35 | 21.139 | 3098 | 3103 | 3111 | rBV  | 2822022 | 3584534 | 3.57% | 1.189% |
| 36 | 21.333 | 3132 | 3136 | 3141 | rBV  | 102869  | 112803  | 0.11% | 0.037% |
| 37 | 21.756 | 3204 | 3208 | 3214 | rBV  | 139888  | 181094  | 0.18% | 0.060% |
| 38 | 22.198 | 3279 | 3283 | 3287 | rBV  | 190395  | 229308  | 0.23% | 0.076% |
| 39 | 22.686 | 3361 | 3366 | 3372 | rVB  | 220342  | 300316  | 0.30% | 0.100% |
| 40 | 23.156 | 3439 | 3446 | 3453 | rBV  | 3710014 | 6381221 | 6.36% | 2.116% |
| 41 | 23.221 | 3453 | 3457 | 3462 | rVV  | 255061  | 405127  | 0.40% | 0.134% |
| 42 | 23.292 | 3462 | 3469 | 3479 | rVB  | 2243713 | 3876097 | 3.86% | 1.285% |
| 43 | 23.833 | 3557 | 3561 | 3568 | rVB  | 209046  | 355767  | 0.35% | 0.118% |
| 44 | 24.080 | 3598 | 3603 | 3610 | rVB2 | 156913  | 298750  | 0.30% | 0.099% |
| 45 | 24.539 | 3676 | 3681 | 3689 | rVB2 | 164528  | 328862  | 0.33% | 0.109% |
| 46 | 25.580 | 3851 | 3858 | 3871 | rVB2 | 366544  | 874779  | 0.87% | 0.290% |

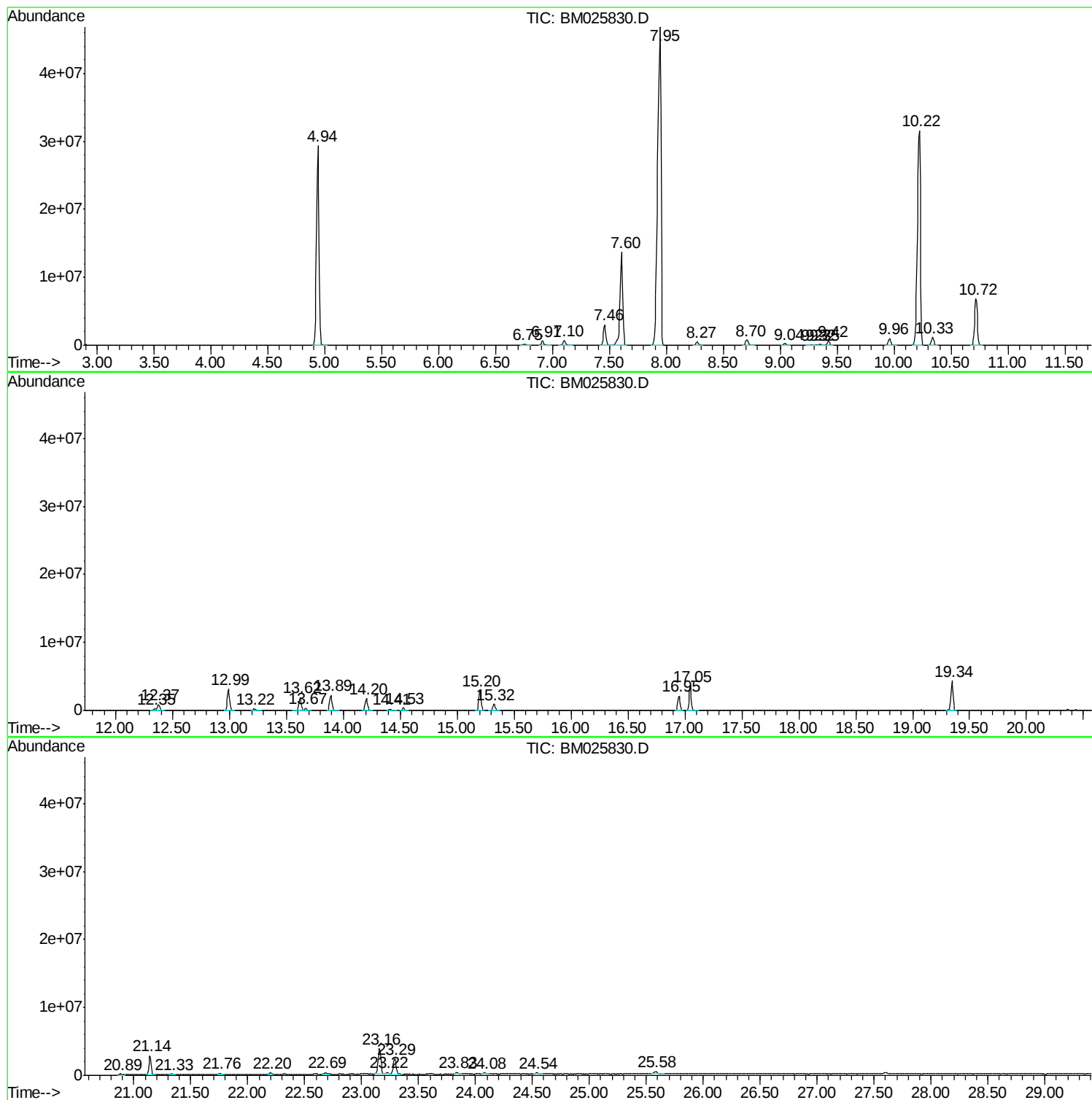
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Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
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CODE2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\  
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Operator : CG/JU  
Sample : L2005-02  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CODE2

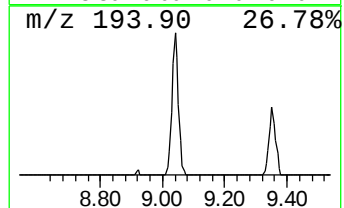
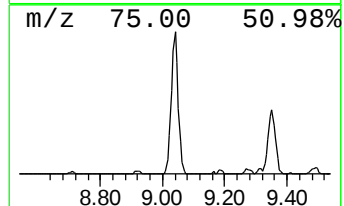
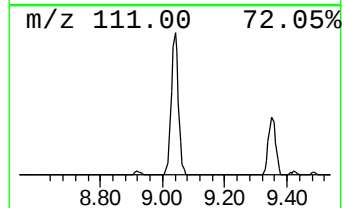
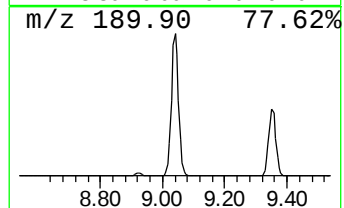
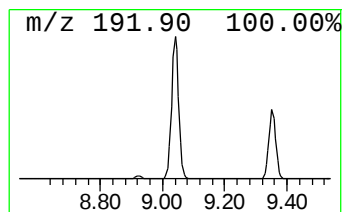
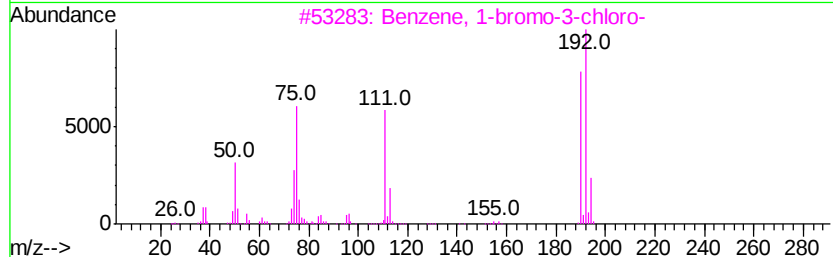
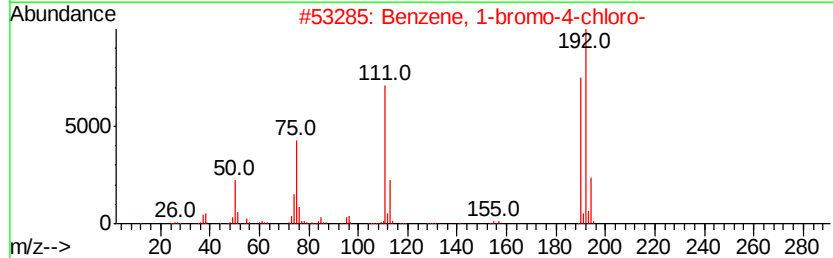
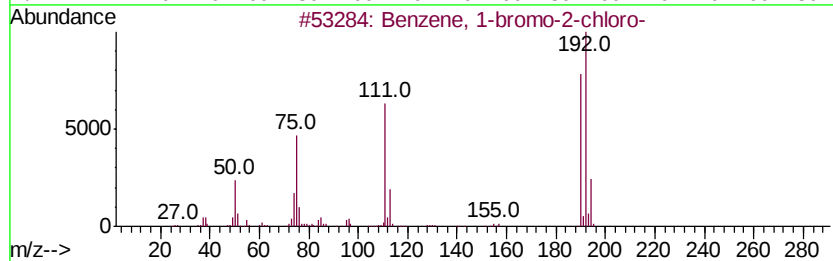
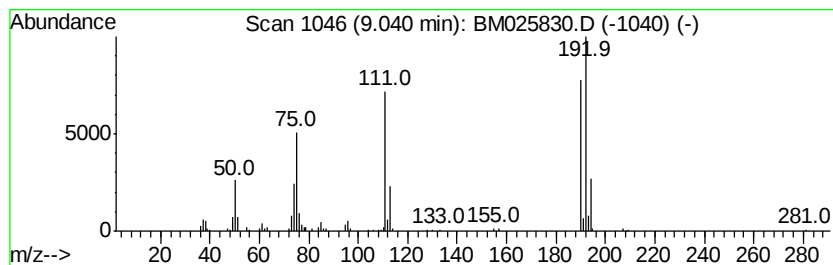
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 6

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.04 | 4.37 ng/ul | 402177 | Naphthalene-d8   | 10.33 |

| Hit# | of | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 98   |
| 2    |    | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98   |
| 3    |    | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 97   |
| 4    |    | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 97   |
| 5    |    | 4-Chlorophenylselenol      | 192 | C6H5ClSe | 016645-10-6 | 97   |



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Instrument :  
BNA\_M  
ClientSampleId :  
CODE2

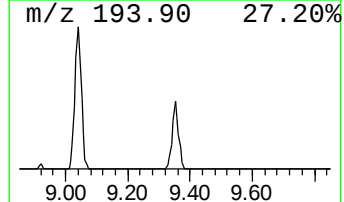
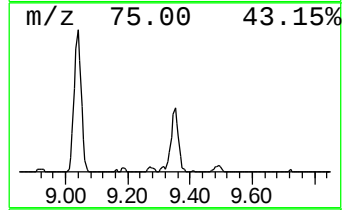
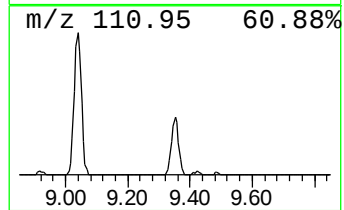
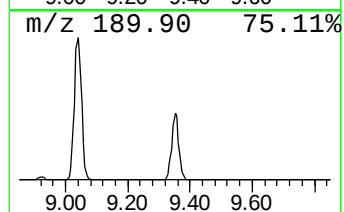
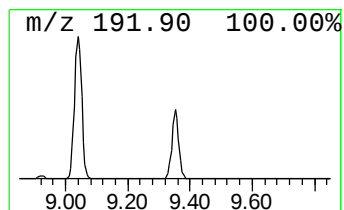
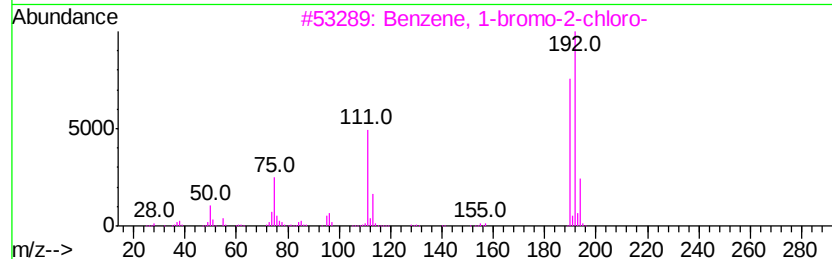
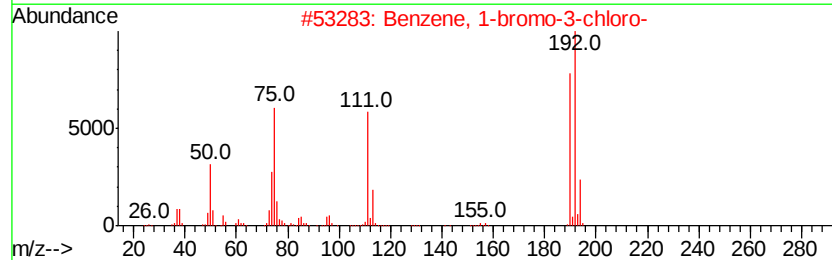
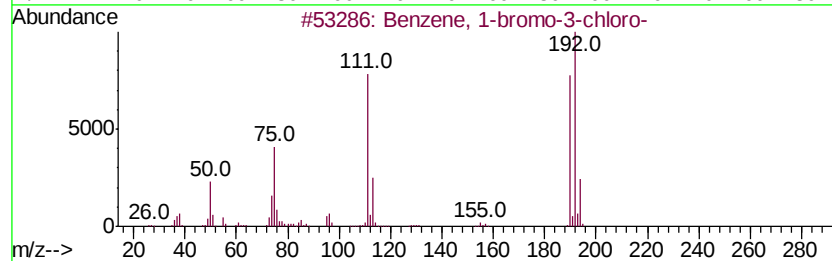
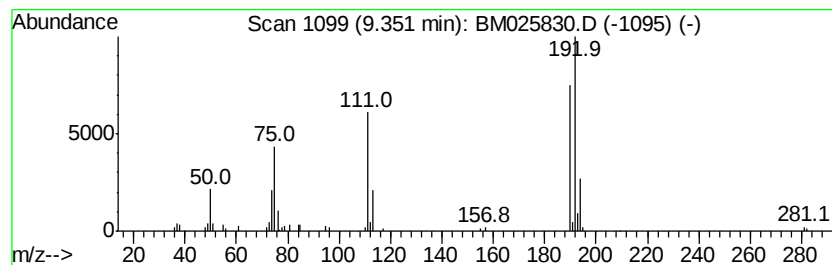
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Benzene, 1-bromo-3-chloro- Concentration Rank 9

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.35 | 2.40 ng/ul | 220607 | Napthalene-d8    | 10.33 |

| Hit# | of | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 95   |
| 2    |    | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 94   |
| 3    |    | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 94   |
| 4    |    | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 94   |
| 5    |    | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 94   |



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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

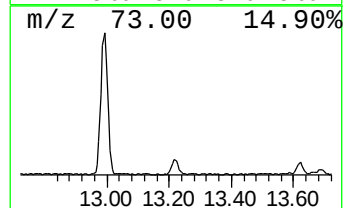
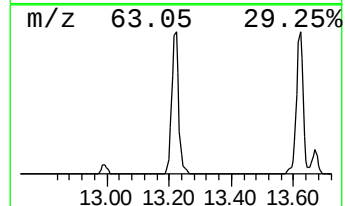
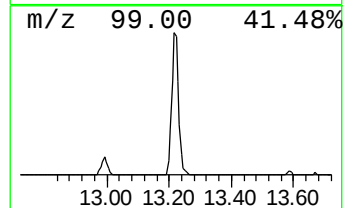
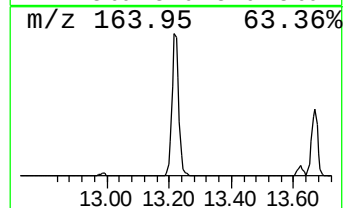
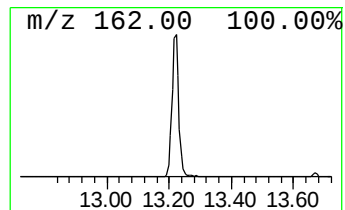
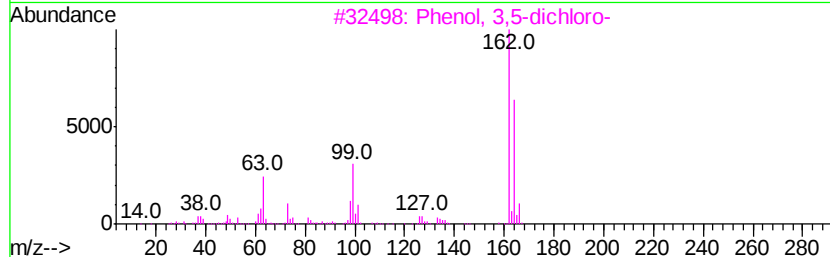
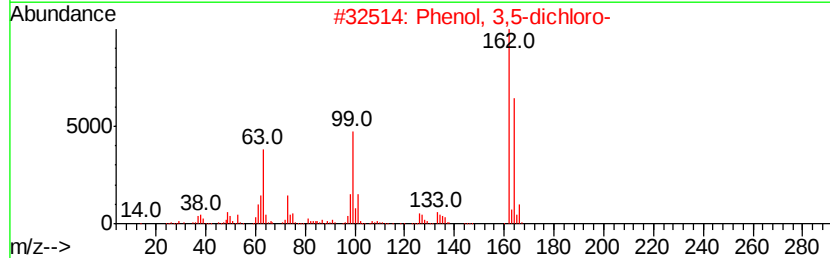
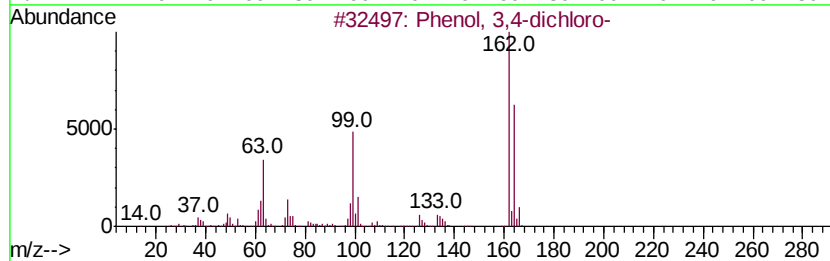
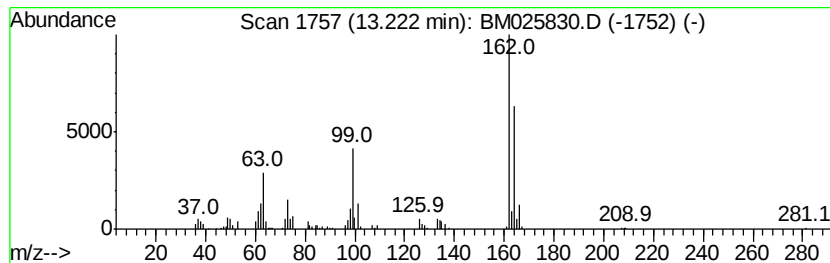
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Phenol, 3,4-dichloro- Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 13.22 | 2.48 ng/ul | 308163 | Acenaphthene-d10 | 14.20 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 98   |
| 2    |    | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 98   |
| 3    |    | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 96   |
| 4    |    | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 96   |
| 5    |    | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 96   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

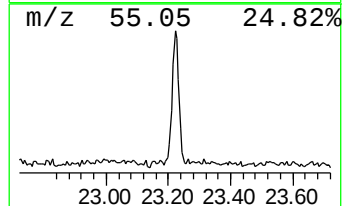
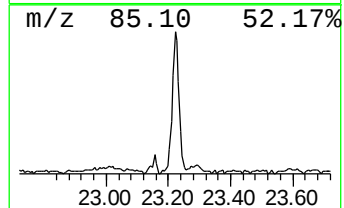
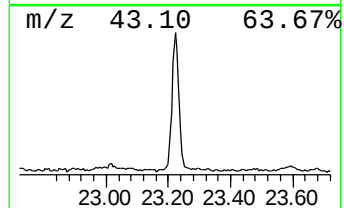
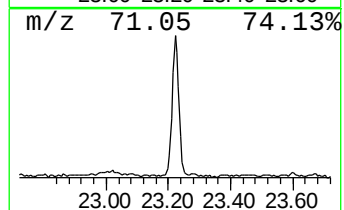
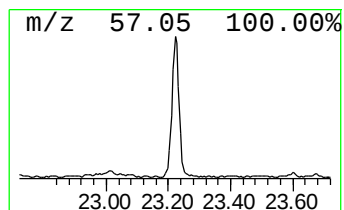
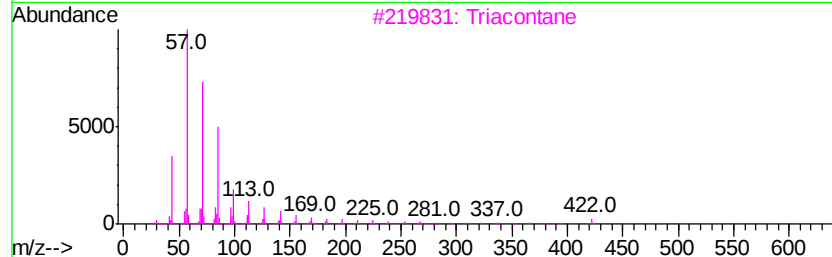
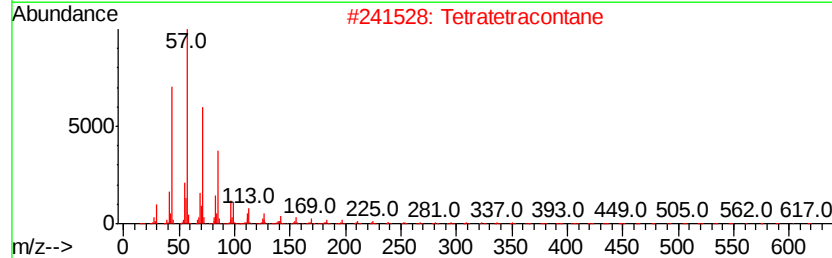
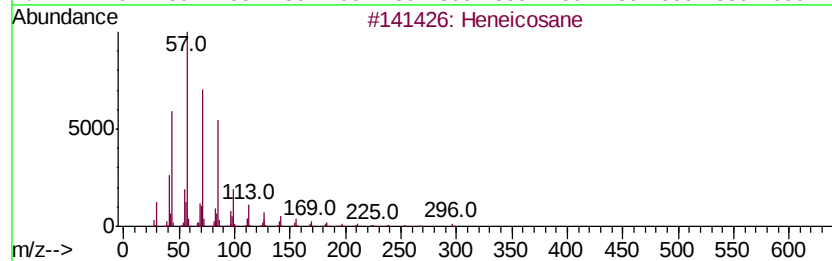
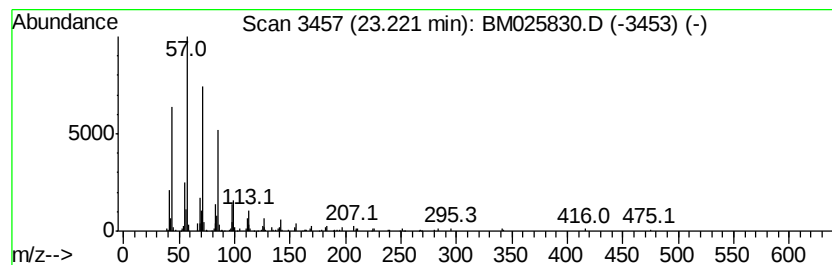
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.22 | 2.09 ng/ul | 405127 | Perylene-d12     | 23.29 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane       | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 91   |
| 3    |    | Triacontane       | 422 | C30H62  | 000638-68-6 | 91   |
| 4    |    | Hexacosane        | 366 | C26H54  | 000630-01-3 | 91   |
| 5    |    | Heptacosane       | 380 | C27H56  | 000593-49-7 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\  
Data File : BM025830.D  
Acq On : 27 Mar 2020 09:57  
Operator : CG/JU  
Sample : L2005-02  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CODE2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

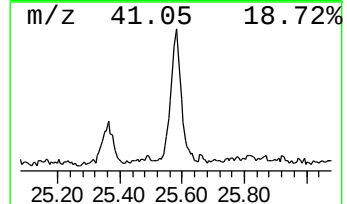
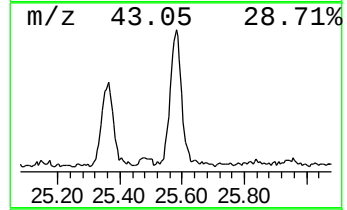
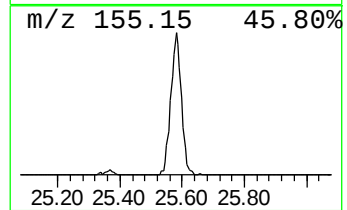
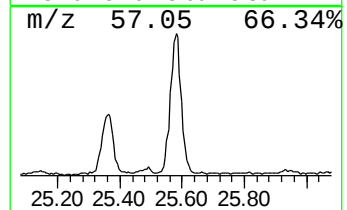
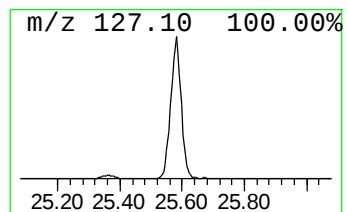
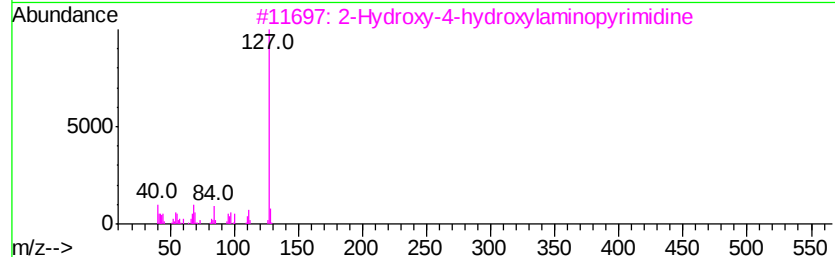
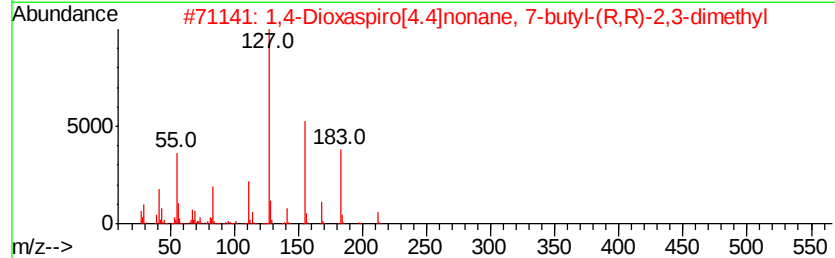
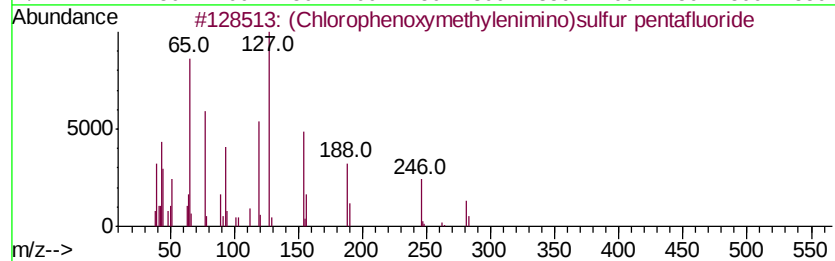
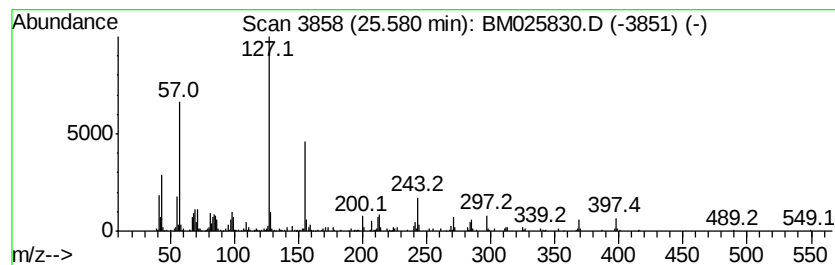
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (Chlorophenoxymethylenimino... Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 25.58 | 4.51 ng/ul | 874779 | Perylene-d12     | 23.29 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | (Chlorophenoxymethylenimino)sulf... | 281 | C7H5ClF5NOS | 081439-21-6  | 50   |
| 2    |    | 1,4-Dioxaspiro[4.4]nonane, 7-but... | 212 | C13H24O2    | 104807-77-4  | 43   |
| 3    |    | 2-Hydroxy-4-hydroxylaminopyrimidine | 127 | C4H5N3O2    | 020555-88-8  | 43   |
| 4    |    | 1H-Imidazole, 1-methyl-4-nitro-     | 127 | C4H5N3O2    | 003034-41-1  | 43   |
| 5    |    | 2,5-Difluorobenzyl alcohol, neop... | 214 | C12H16F2O   | 1000378-16-9 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032620\  
Data File : BM025830.D  
Acq On : 27 Mar 2020 09:57  
Operator : CG/JU  
Sample : L2005-02  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CODE2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.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 |
| Benzene, 1-bromo-... | 9.04  | 4.4     | ng/ul | 402177   | 2                     | 10.33 | 1839570 | 20.0 |
| Benzene, 1-bromo-... | 9.35  | 2.4     | ng/ul | 220607   | 2                     | 10.33 | 1839570 | 20.0 |
| Phenol, 3,4-dichl... | 13.22 | 2.5     | ng/ul | 308163   | 3                     | 14.20 | 2489790 | 20.0 |
| (DEL) Alkane: Str... | 23.22 | 2.1     | ng/ul | 405127   | 6                     | 23.29 | 3876100 | 20.0 |
| (Chlorophenoxymet... | 25.58 | 4.5     | ng/ul | 874779   | 6                     | 23.29 | 3876100 | 20.0 |