LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

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-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029604.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.746 | 109 | 112 | 129 | rBV | 199838 | 377112 | 0.17% | 0.044% |
| 2 | 5.258 | 351 | 369 | 373 | rBV3 | 44060736 | 193601817 | 86.88% | 22.453% |
| 3 | 6.563 | 583 | 591 | 597 | rBV | 194509 | 318333 | 0.14% | 0.037% |
| 4 | 7.052 | 666 | 674 | 676 | rBV | 285909 | 486440 | 0.22% | 0.056% |
| 5 | 7.075 | 676 | 678 | 689 | rVB | 308772 | 428799 | 0.19% | 0.050% |
| 6 | 7.240 | 698 | 706 | 716 | rBV | 858319 | 1609120 | 0.72% | 0.187% |
| 7 | 7.416 | 728 | 736 | 748 | rBV | 902891 | 1750372 | 0.79% | 0.203% |
| 8 | 7.793 | 788 | 800 | 810 | rBV | 19185114 | 50301238 | 22.57% | 5.834% |
| 9 | 7.993 | 810 | 834 | 838 | rBV3 | 46056602 | 194359200 | 87.22% | 22.541% |
| 10 | 8.328 | 868 | 891 | 895 | rBV4 | 46043568 | 222826531 | 100.00% | 25.843% |
| 11 | 8.593 | 930 | 936 | 946 | rVB | 728634 | 1163660 | 0.52% | 0.135% |
| 12 | 9.057 | 1007 | 1015 | 1018 | rBV | 1071857 | 1891337 | 0.85% | 0.219% |
| 13 | 9.099 | 1018 | 1022 | 1037 | rVB | 2322850 | 3723230 | 1.67% | 0.432% |
| 14 | 9.381 | 1062 | 1070 | 1078 | rBV | 718817 | 1171676 | 0.53% | 0.136% |
| 15 | 9.604 | 1101 | 1108 | 1112 | rBV2 | 169219 | 276823 | 0.12% | 0.032% |
| 16 | 9.652 | 1112 | 1116 | 1119 | rVV | 166874 | 312162 | 0.14% | 0.036% |
| 17 | 9.693 | 1119 | 1123 | 1129 | rVV | 366475 | 631618 | 0.28% | 0.073% |
| 18 | 9.769 | 1129 | 1136 | 1142 | rVV | 803176 | 1408877 | 0.63% | 0.163% |
| 19 | 10.304 | 1220 | 1227 | 1234 | rBV | 1166569 | 2004407 | 0.90% | 0.232% |
| 20 | 10.434 | 1242 | 1249 | 1260 | rBV2 | 526933 | 1092648 | 0.49% | 0.127% |
| 21 | 10.587 | 1260 | 1275 | 1280 | rBV | 36510474 | 98297309 | 44.11% | 11.400% |
| 22 | 10.699 | 1287 | 1294 | 1300 | rBV | 1002400 | 1512461 | 0.68% | 0.175% |
| 23 | 10.834 | 1307 | 1317 | 1325 | rBV | 614746 | 1066411 | 0.48% | 0.124% |
| 24 | 11.081 | 1348 | 1359 | 1366 | rBV | 15072248 | 29639508 | 13.30% | 3.437% |
| 25 | 11.293 | 1387 | 1395 | 1411 | rVB | 1375956 | 2264851 | 1.02% | 0.263% |
| 26 | 11.504 | 1421 | 1431 | 1441 | rBV | 292860 | 559744 | 0.25% | 0.065% |
| 27 | 11.981 | 1501 | 1512 | 1525 | rBV6 | 114678 | 278140 | 0.12% | 0.032% |
| 28 | 12.328 | 1565 | 1571 | 1583 | rBV | 198438 | 419573 | 0.19% | 0.049% |
| 29 | 12.675 | 1621 | 1630 | 1631 | rBV2 | 295260 | 447111 | 0.20% | 0.052% |
| 30 | 12.710 | 1631 | 1636 | 1643 | rVB | 1881669 | 2968823 | 1.33% | 0.344% |
| 31 | 13.322 | 1726 | 1740 | 1751 | rBV | 4710619 | 7527868 | 3.38% | 0.873% |
| 32 | 13.428 | 1751 | 1758 | 1763 | rVV2 | 538984 | 888545 | 0.40% | 0.103% |
| 33 | 13.945 | 1834 | 1846 | 1851 | rBV | 2063080 | 3033054 | 1.36% | 0.352% |
| 34 | 14.216 | 1885 | 1892 | 1901 | rVB | 2417231 | 3475840 | 1.56% | 0.403% |
| 35 | 14.522 | 1935 | 1944 | 1956 | rBV | 1220406 | 1797550 | 0.81% | 0.208% |
| 36 | 14.722 | 1972 | 1978 | 1989 | rBV | 169866 | 282308 | 0.13% | 0.033% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

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-BN020724.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.834 | 1991 | 1997 | 2003 | rVB | 172920 | 261517 | 0.12% | 0.030% |
| 38 | 15.516 | 2107 | 2113 | 2118 | rBV | 2803726 | 4088148 | 1.83% | 0.474% |
| 39 | 15.563 | 2118 | 2121 | 2128 | rVV | 176359 | 256826 | 0.12% | 0.030% |
| 40 | 15.639 | 2128 | 2134 | 2146 | rVB | 871220 | 1189722 | 0.53% | 0.138% |
| 41 | 16.786 | 2320 | 2329 | 2336 | rBV | 463705 | 700100 | 0.31% | 0.081% |
| 42 | 17.275 | 2405 | 2412 | 2418 | rBV | 1383241 | 1922780 | 0.86% | 0.223% |
| 43 | 17.375 | 2422 | 2429 | 2440 | rVB | 2956058 | 4223652 | 1.90% | 0.490% |
| 44 | 18.186 | 2560 | 2567 | 2574 | rBV | 234675 | 341786 | 0.15% | 0.040% |
| 45 | 18.651 | 2642 | 2646 | 2653 | rVB | 611050 | 828472 | 0.37% | 0.096% |
| 46 | 19.675 | 2813 | 2820 | 2829 | rBV | 3414308 | 4930084 | 2.21% | 0.572% |
| 47 | 21.198 | 3075 | 3079 | 3087 | rBV | 149672 | 224989 | 0.10% | 0.026% |
| 48 | 21.469 | 3120 | 3125 | 3134 | rBV | 1484787 | 1944905 | 0.87% | 0.226% |
| 49 | 23.692 | 3495 | 3503 | 3516 | rBV | 2445578 | 5001161 | 2.24% | 0.580% |
| 50 | 23.839 | 3522 | 3528 | 3540 | rVB | 1041379 | 2133542 | 0.96% | 0.247% |

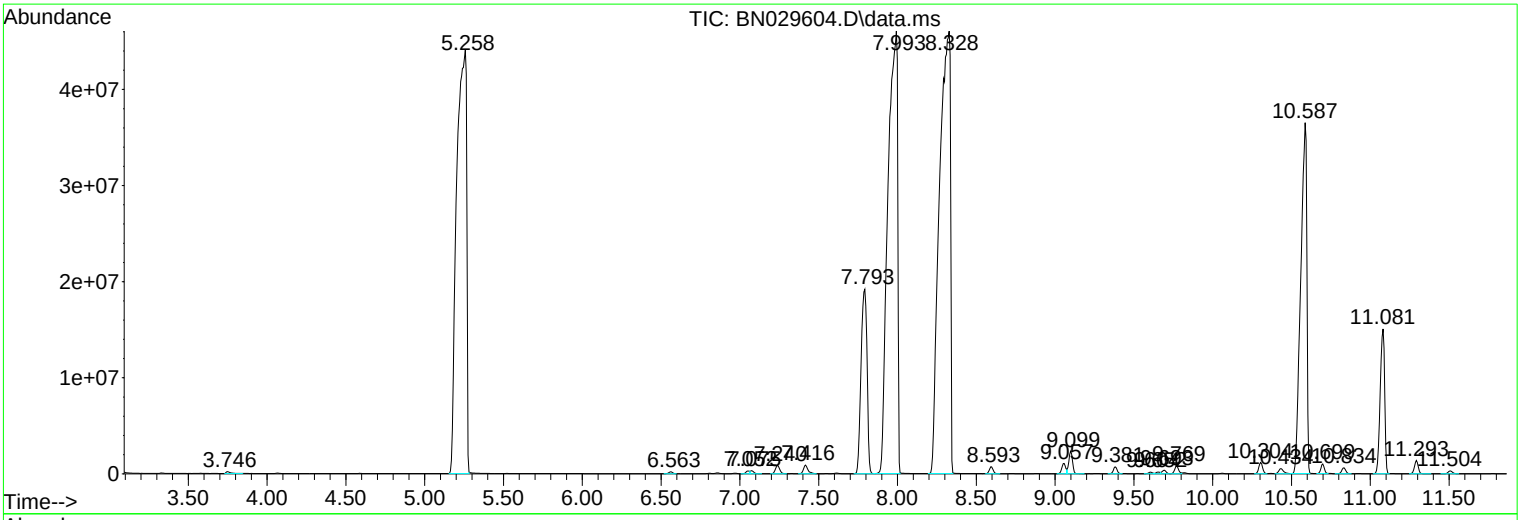
Sum of corrected areas: 862242180

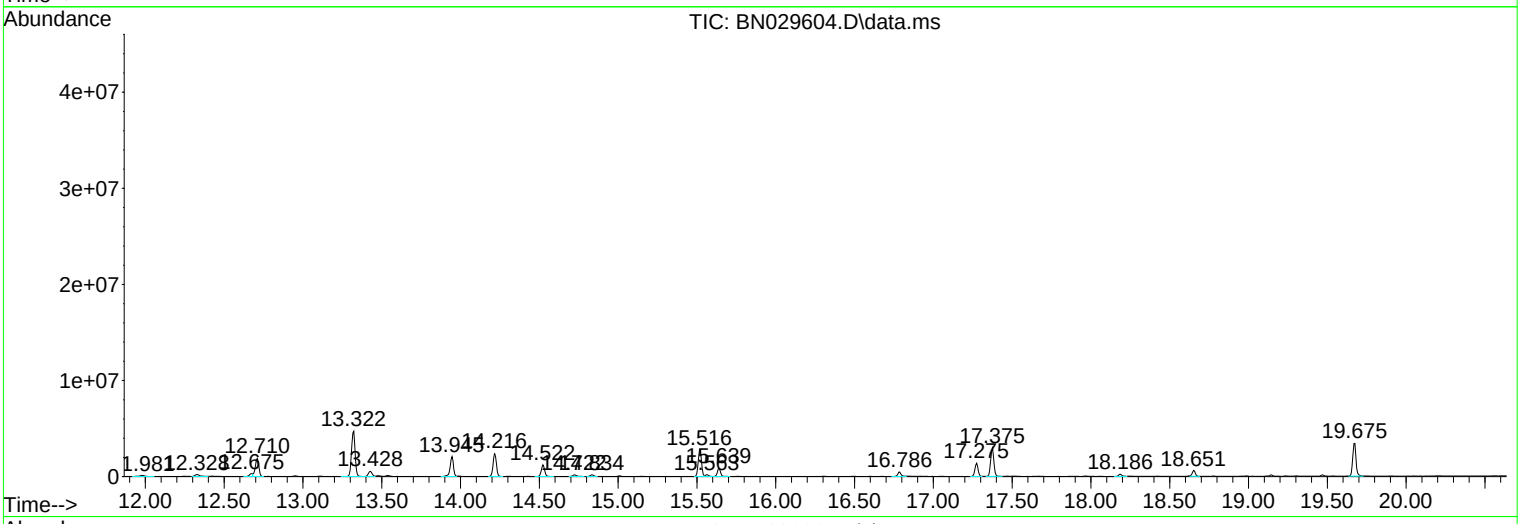
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

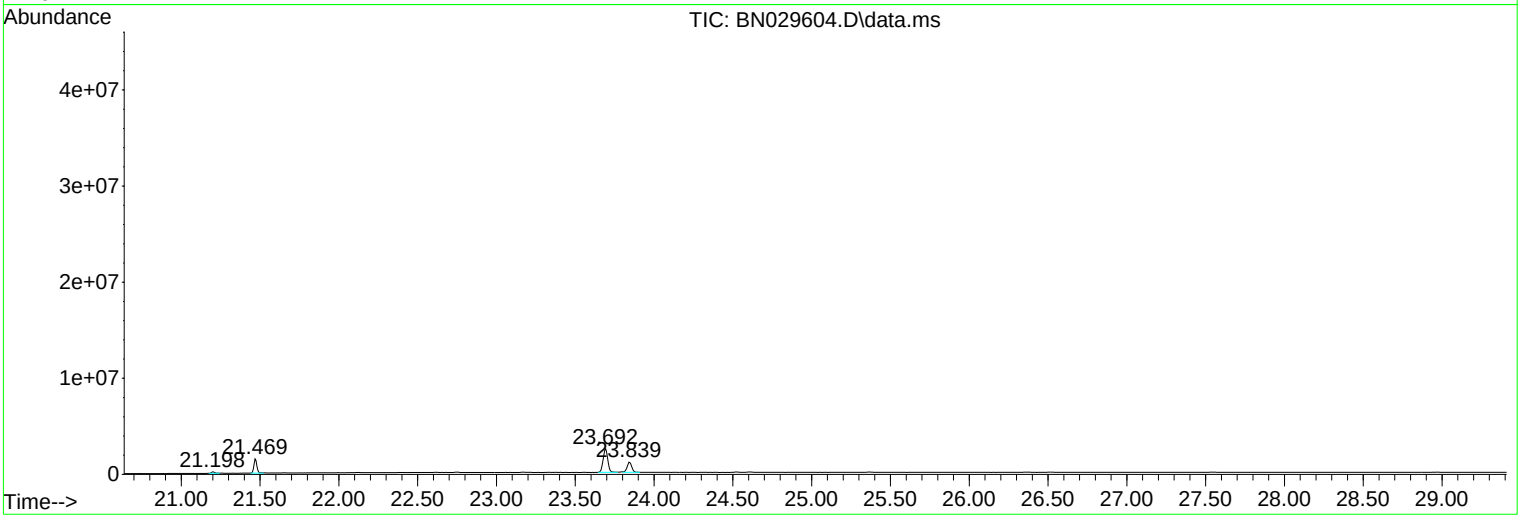
**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

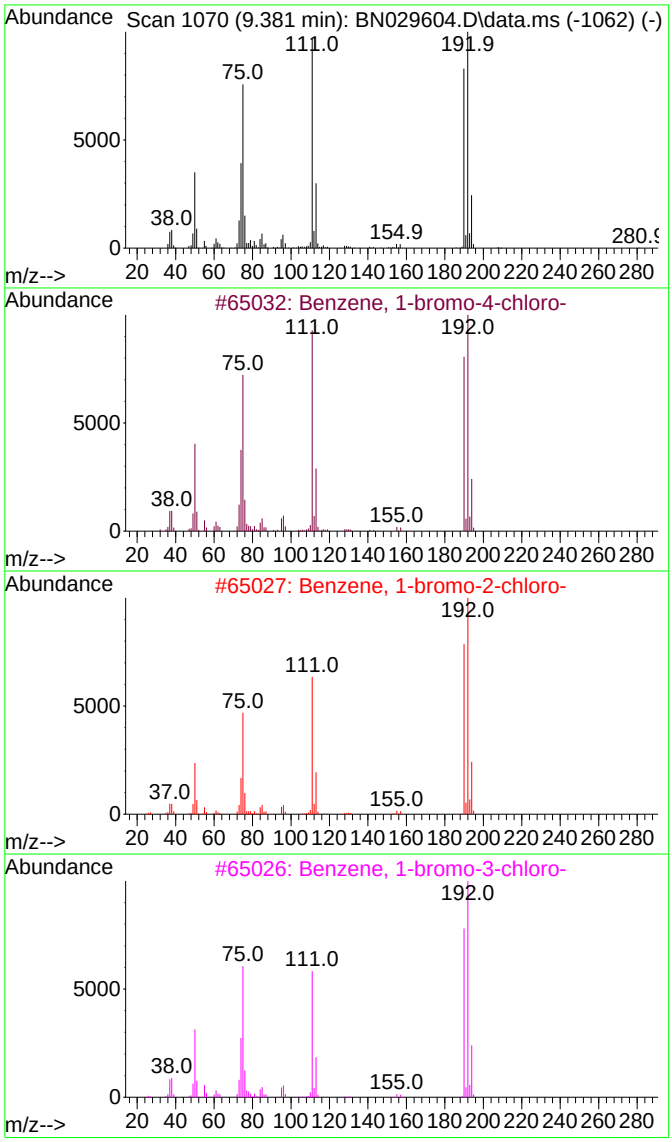
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

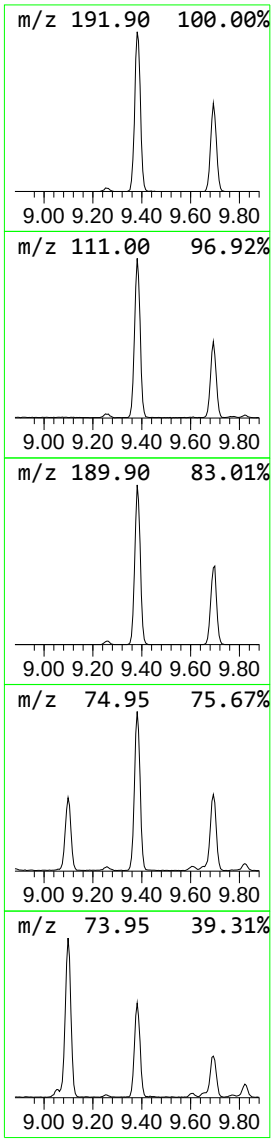
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.381 | 15.49 ng/ul | 1171680 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 99 |
| 2 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 97 |
| 3 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 96 |
| 4 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 96 |
| 5 | 4-Chlorophenylselenol | 192 | C6H5ClSe | 016645-10-6 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

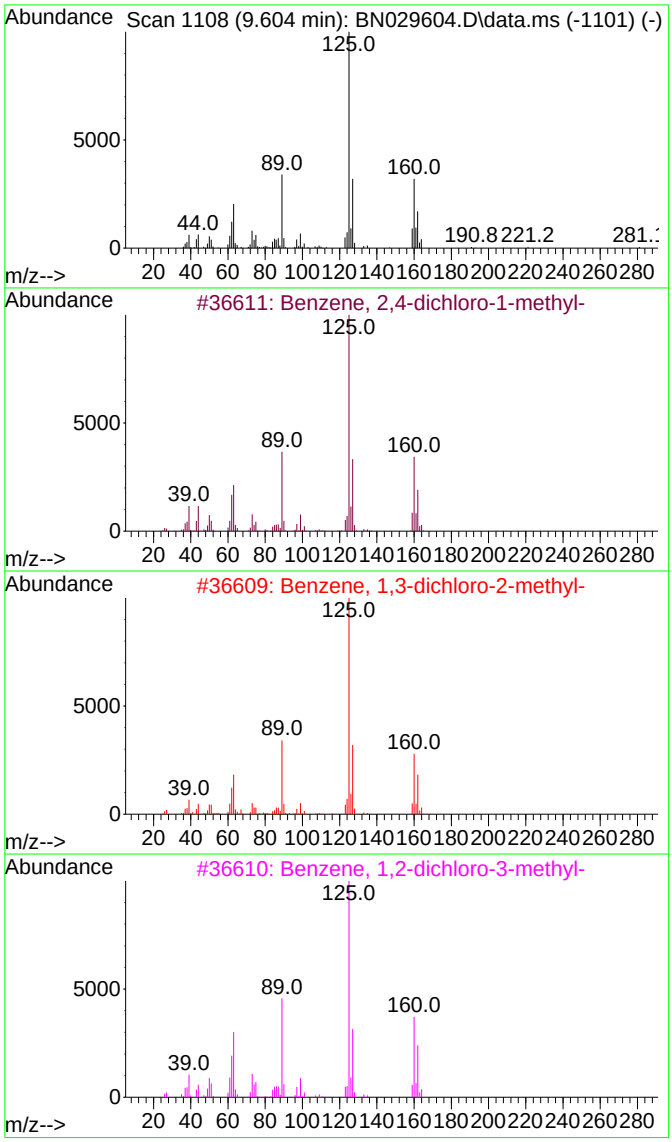
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

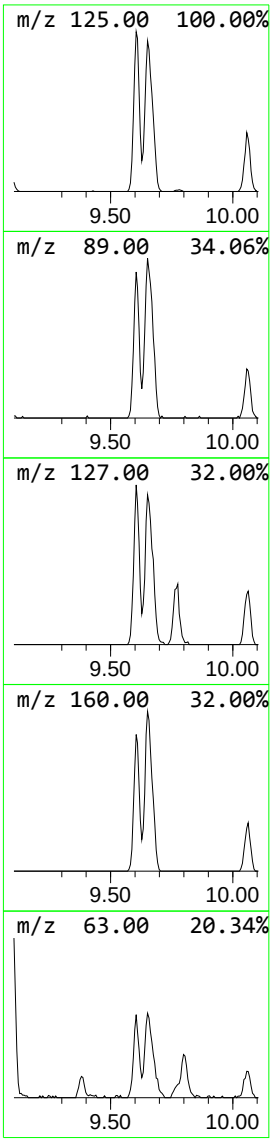
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 2,4-dichloro-1-met... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.604 | 3.66 ng/ul | 276823 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2,4-dichloro-1-methyl- | 160 | C7H6Cl2 | 000095-73-8 | 98 |
| 2 | Benzene, 1,3-dichloro-2-methyl- | 160 | C7H6Cl2 | 000118-69-4 | 98 |
| 3 | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 97 |
| 4 | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 96 |
| 5 | Benzene, 1,2-dichloro-4-methyl- | 160 | C7H6Cl2 | 000095-75-0 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

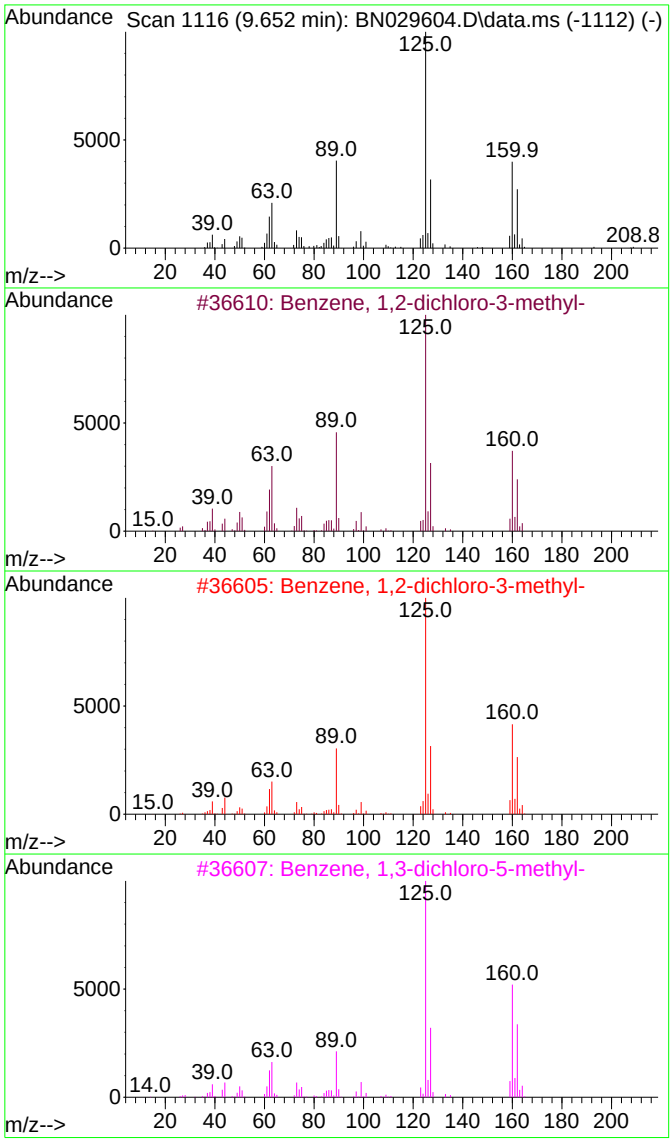
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

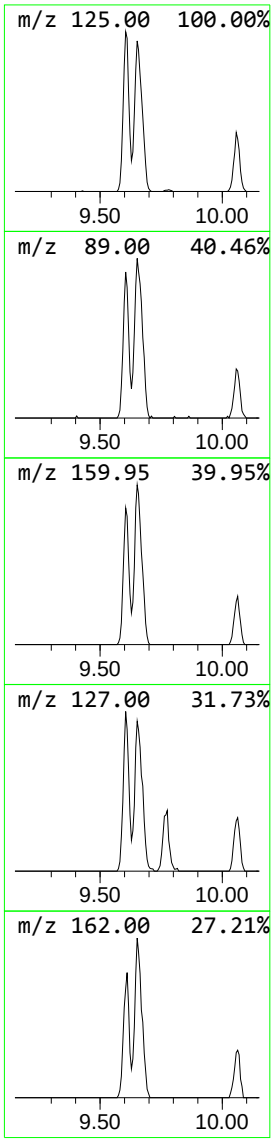
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1,2-dichloro-3-met... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.652 | 4.13 ng/ul | 312162 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 97 |
| 2 | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 96 |
| 3 | Benzene, 1,3-dichloro-5-methyl- | 160 | C7H6Cl2 | 025186-47-4 | 96 |
| 4 | Benzene, 1,4-dichloro-2-methyl- | 160 | C7H6Cl2 | 019398-61-9 | 96 |
| 5 | Benzene, 1,4-dichloro-2-methyl- | 160 | C7H6Cl2 | 019398-61-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

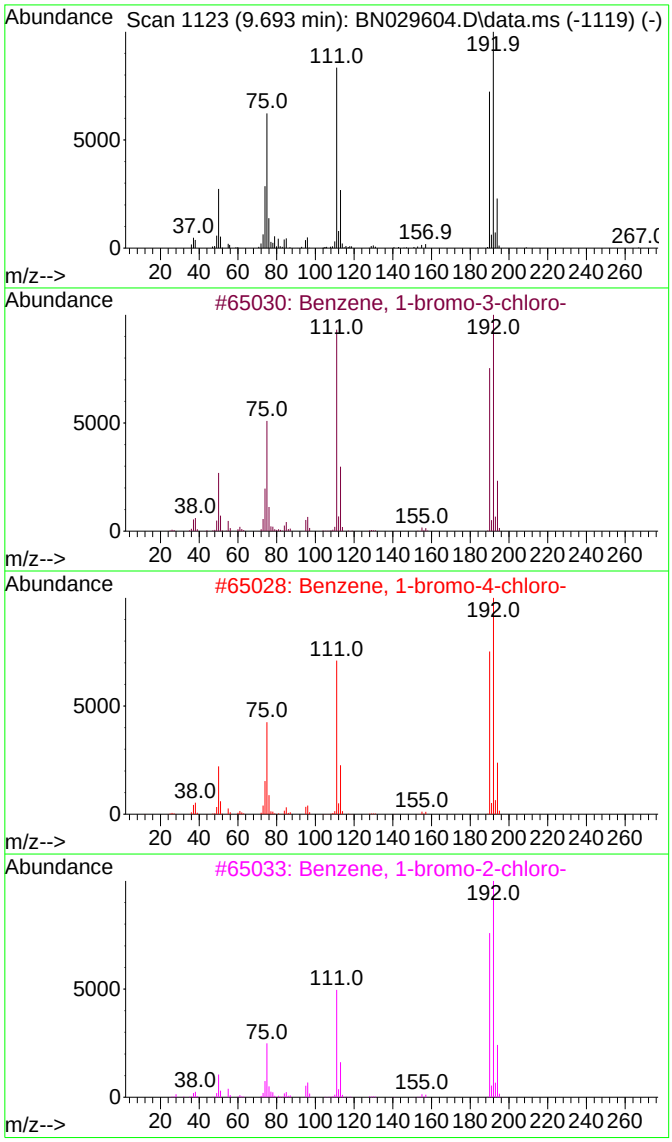
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

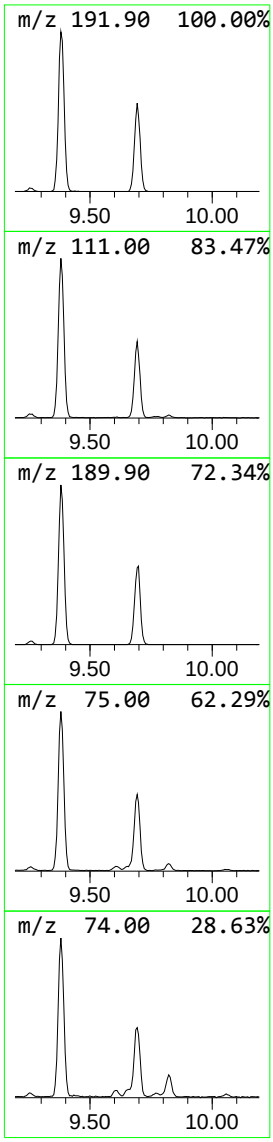
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-bromo-3-chloro- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.693 | 8.35 ng/ul | 631618 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 98 |
| 2 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 97 |
| 3 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 97 |
| 4 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 96 |
| 5 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

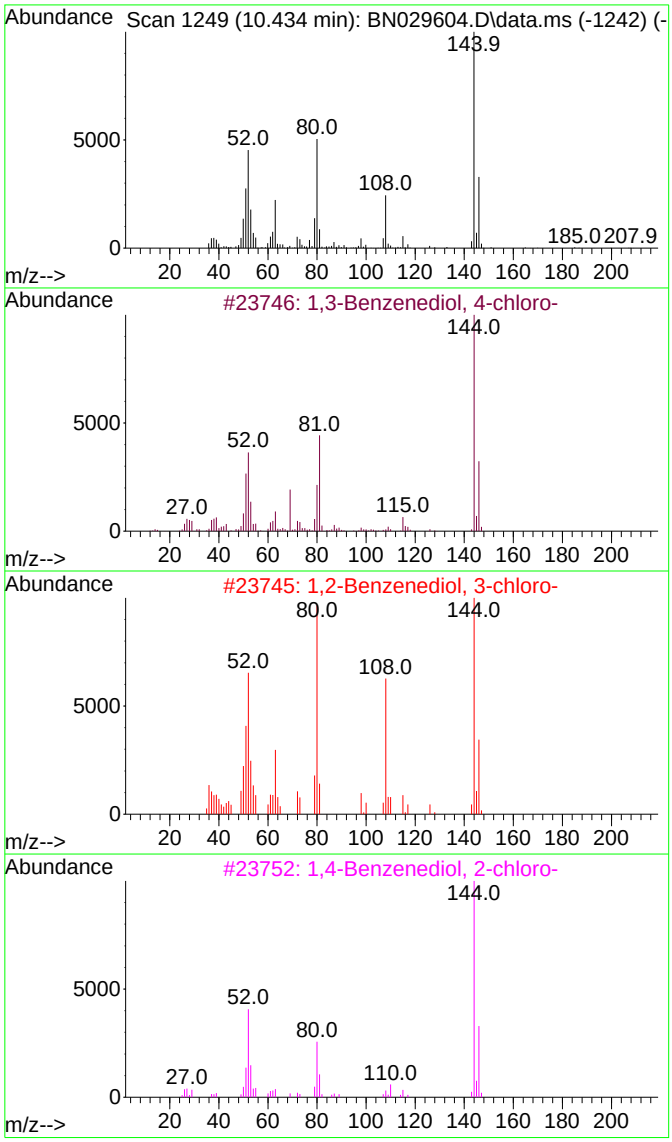
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

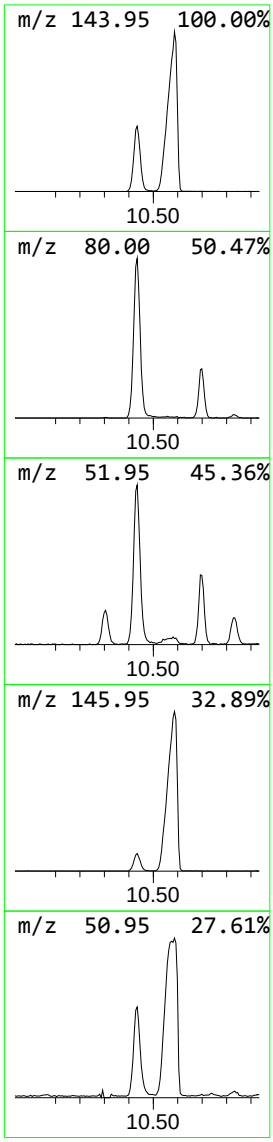
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1,3-Benzenediol, 4-chloro- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.434 | 14.45 ng/ul | 1092650 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Benzenediol, 4-chloro- | 144 | C6H5ClO2 | 000095-88-5 | 90 |
| 2 | 1,2-Benzenediol, 3-chloro- | 144 | C6H5ClO2 | 004018-65-9 | 87 |
| 3 | 1,4-Benzenediol, 2-chloro- | 144 | C6H5ClO2 | 000615-67-8 | 87 |
| 4 | 1,4-Benzenediol, 2-chloro- | 144 | C6H5ClO2 | 000615-67-8 | 72 |
| 5 | 1,4-Benzenediol, 2-chloro- | 144 | C6H5ClO2 | 000615-67-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

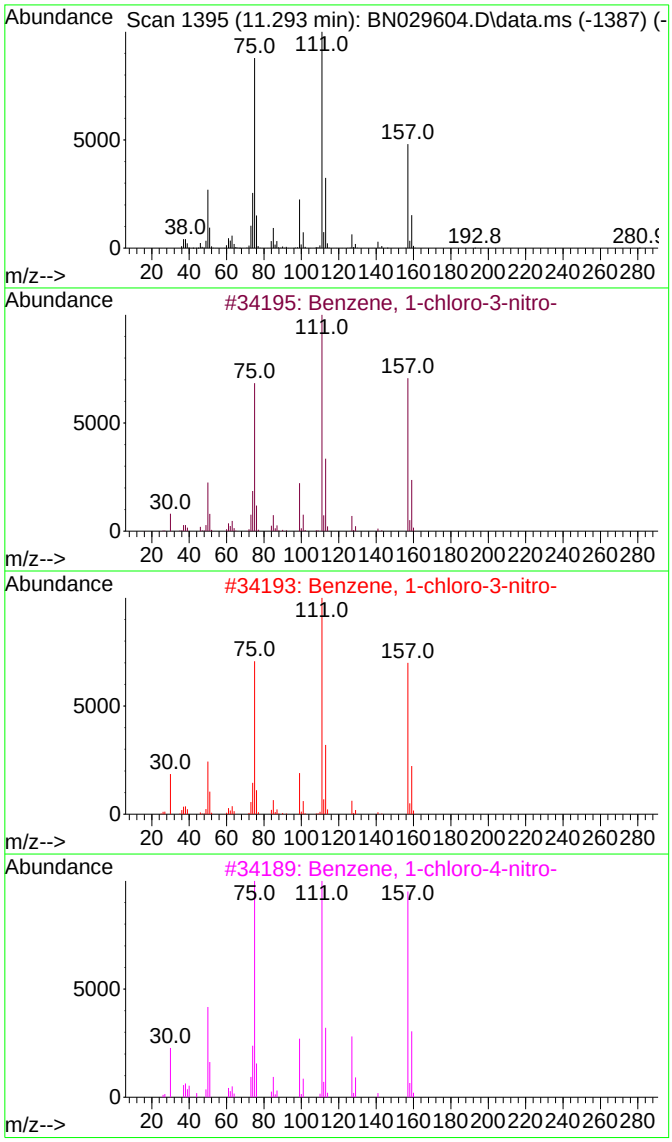
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

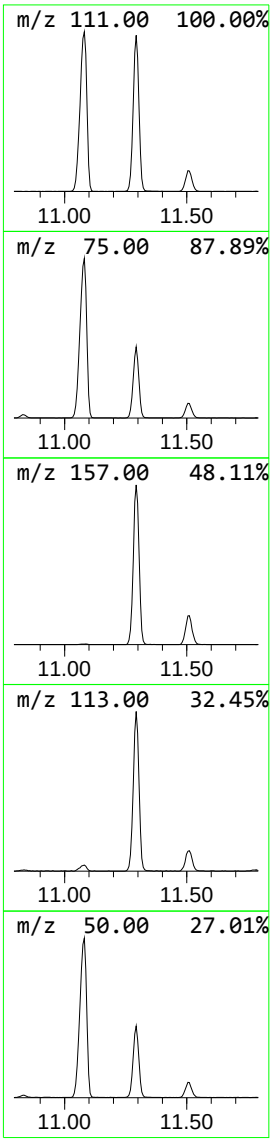
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1-chloro-3-nitro- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.293 | 29.95 ng/ul | 2264850 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 97 |
| 2 | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 94 |
| 3 | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 94 |
| 4 | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 90 |
| 5 | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

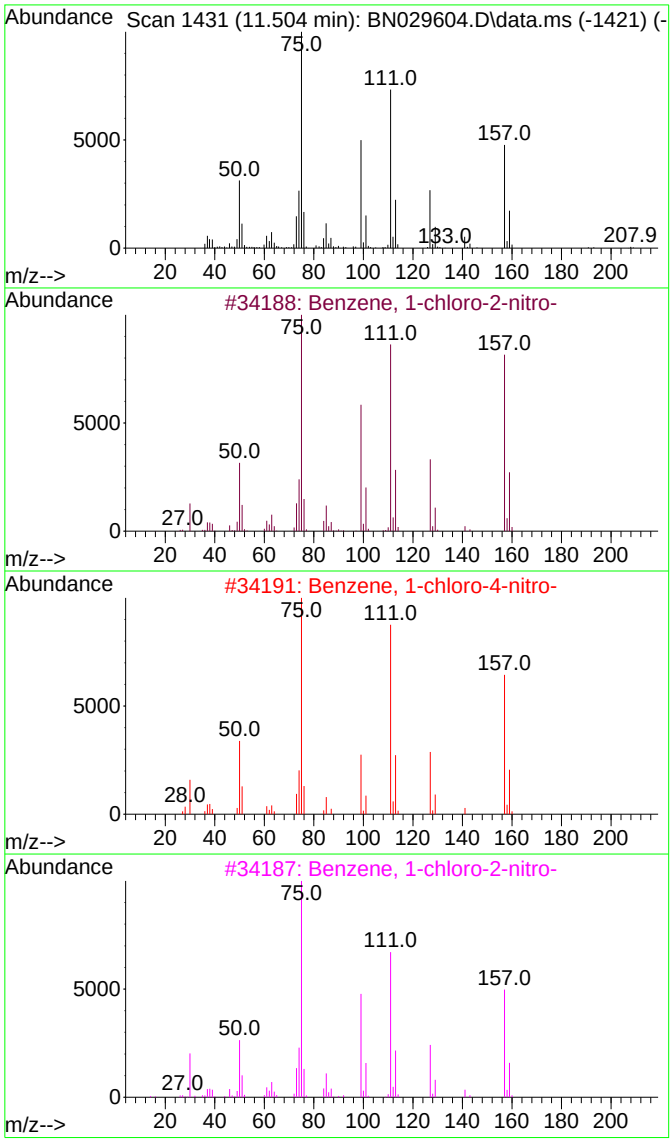
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

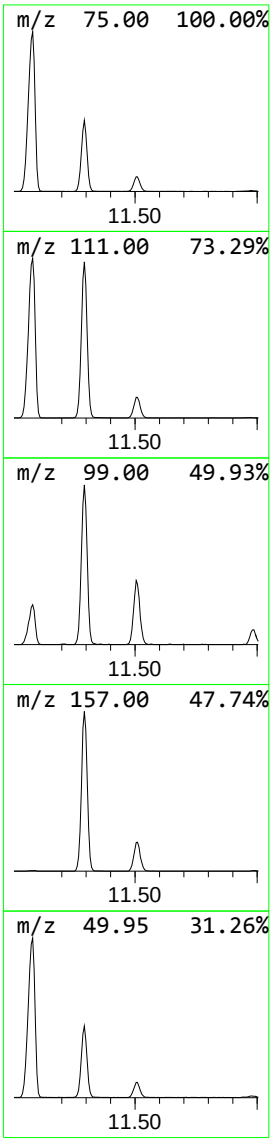
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-chloro-2-nitro- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.504 | 7.40 ng/ul | 559744 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 98 |
| 2 | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 95 |
| 3 | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 95 |
| 4 | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 94 |
| 5 | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

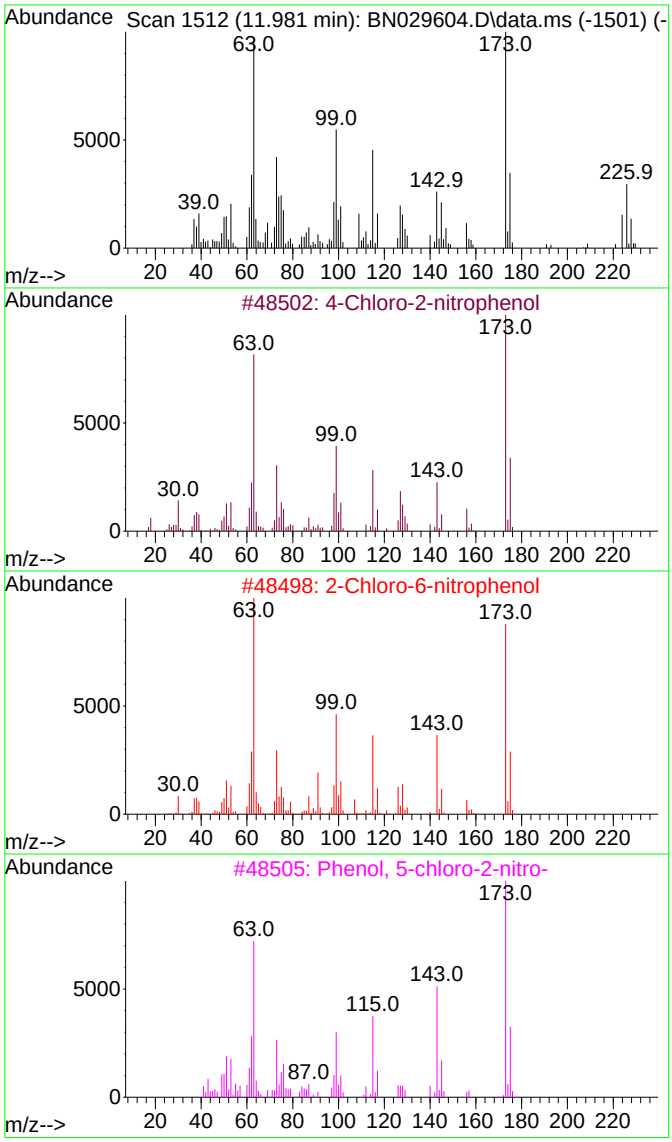
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

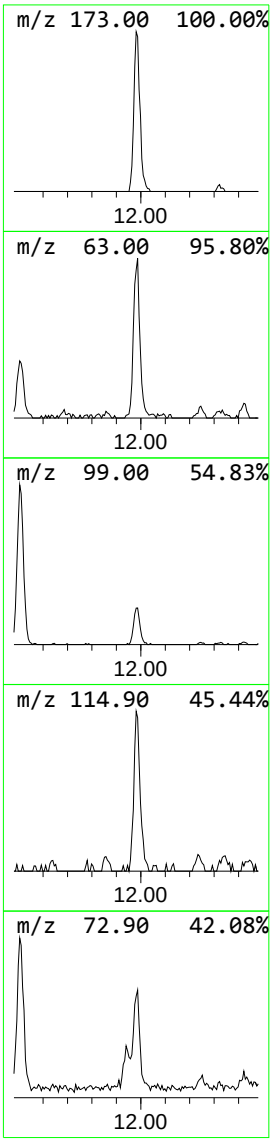
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 4-Chloro-2-nitrophenol Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.981 | 3.68 ng/ul | 278140 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Chloro-2-nitrophenol | 173 | C6H4ClNO3 | 000089-64-5 | 96 |
| 2 | 2-Chloro-6-nitrophenol | 173 | C6H4ClNO3 | 000603-86-1 | 93 |
| 3 | Phenol, 5-chloro-2-nitro- | 173 | C6H4ClNO3 | 000611-07-4 | 93 |
| 4 | 3-Chloro-4-nitrophenol | 173 | C6H4ClNO3 | 000491-11-2 | 93 |
| 5 | 2-Chloro-5-nitrophenol | 173 | C6H4ClNO3 | 000619-10-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

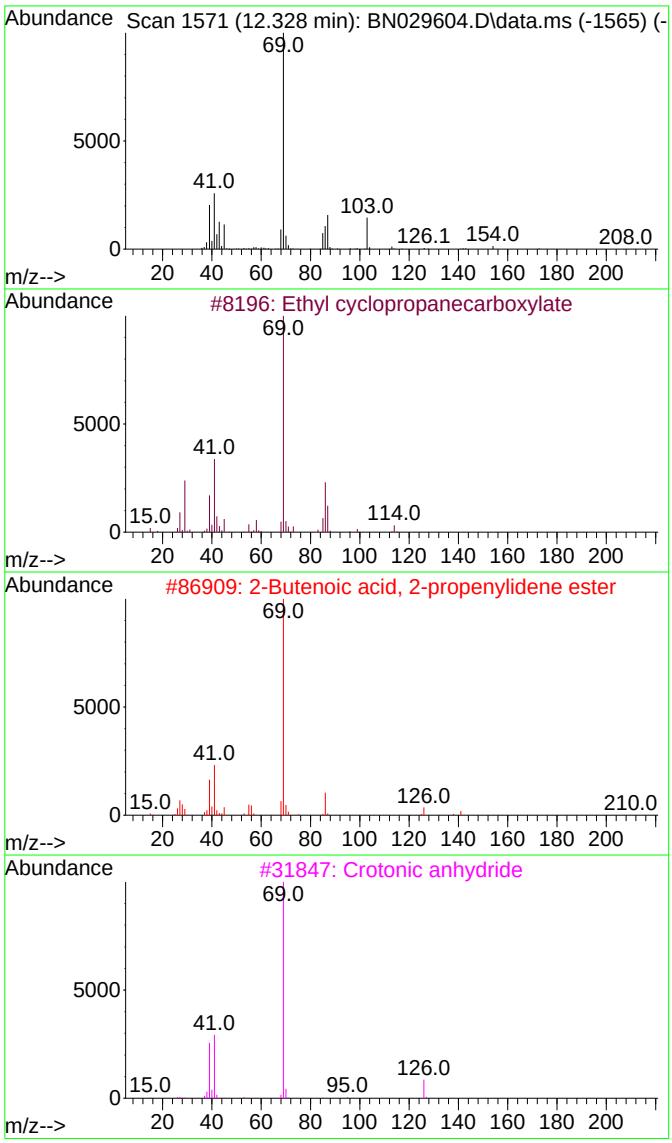
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

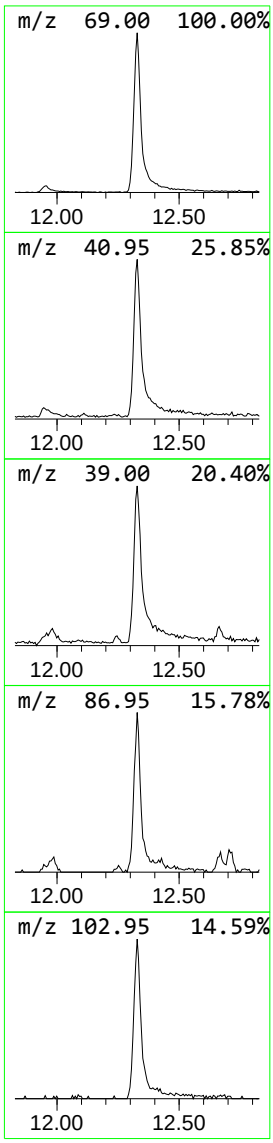
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 unknown-01 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.328 | 5.55 ng/ul | 419573 | Naphthalene-d8 | 10.698 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl cyclopropanecarboxylate | 114 | C6H10O2 | 004606-07-9 | 45 |
| 2 | 2-Butenoic acid, 2-propenylidene... | 210 | C11H14O4 | 055030-70-1 | 42 |
| 3 | Crotonic anhydride | 154 | C8H10O3 | 000623-68-7 | 37 |
| 4 | Cyclopentane, bromo- | 148 | C5H9Br | 000137-43-9 | 28 |
| 5 | Oxazole | 69 | C3H3NO | 000288-42-6 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

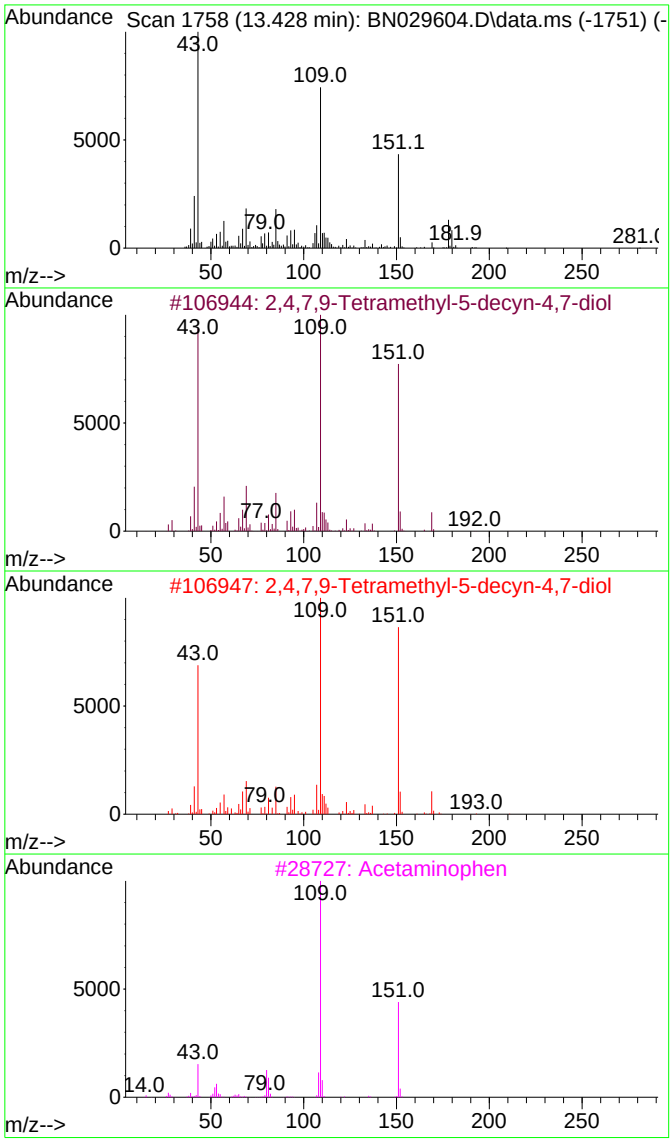
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

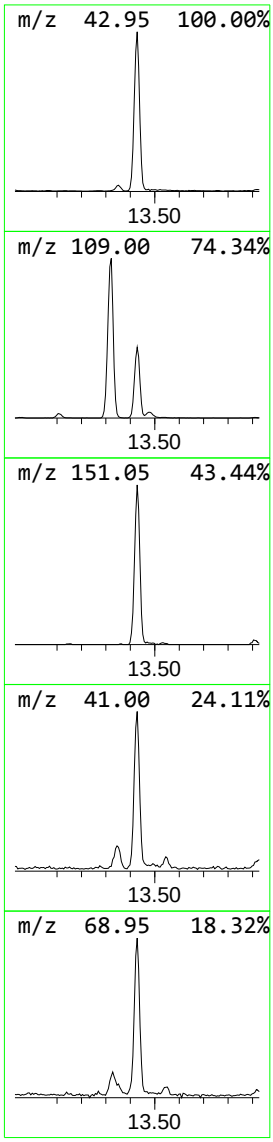
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.428 | 9.89 ng/ul | 888545 | Acenaphthene-d10 | 14.522 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 87 |
| 2 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 78 |
| 3 | Acetaminophen | 151 | C8H9NO2 | 000103-90-2 | 58 |
| 4 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 58 |
| 5 | 3-Pyridinol, 4-methyl-, acetate ... | 151 | C8H9NO2 | 001006-96-8 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

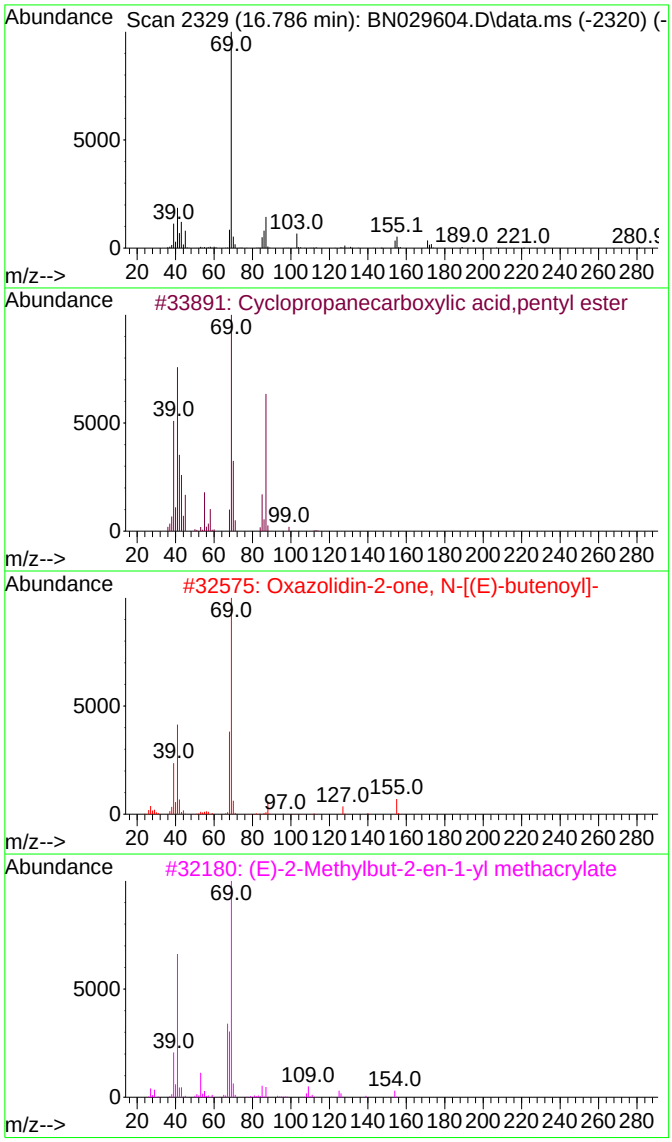
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

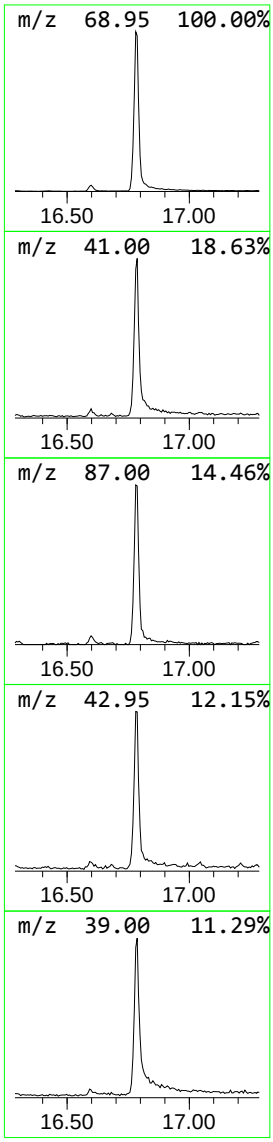
**********

Peak Number 17 unknown-02 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.786 | 7.28 ng/ul | 700100 | Phenanthrene-d10 | 17.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropanecarboxylic acid,pent... | 156 | C9H16O2 | 060128-02-1 | 42 |
| 2 | Oxazolidin-2-one, N-[(E)-butenoyl]- | 155 | C7H9NO3 | 1010156-45-5 | 40 |
| 3 | (E)-2-Methylbut-2-en-1-yl methac... | 154 | C9H14O2 | 088142-95-4 | 38 |
| 4 | 2-Butenoic acid, 2-propenylidene... | 210 | C11H14O4 | 055030-70-1 | 33 |
| 5 | 3,3,7-Trimethyl-4-oxa-7-octen-1-ol | 172 | C10H20O2 | 069161-47-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

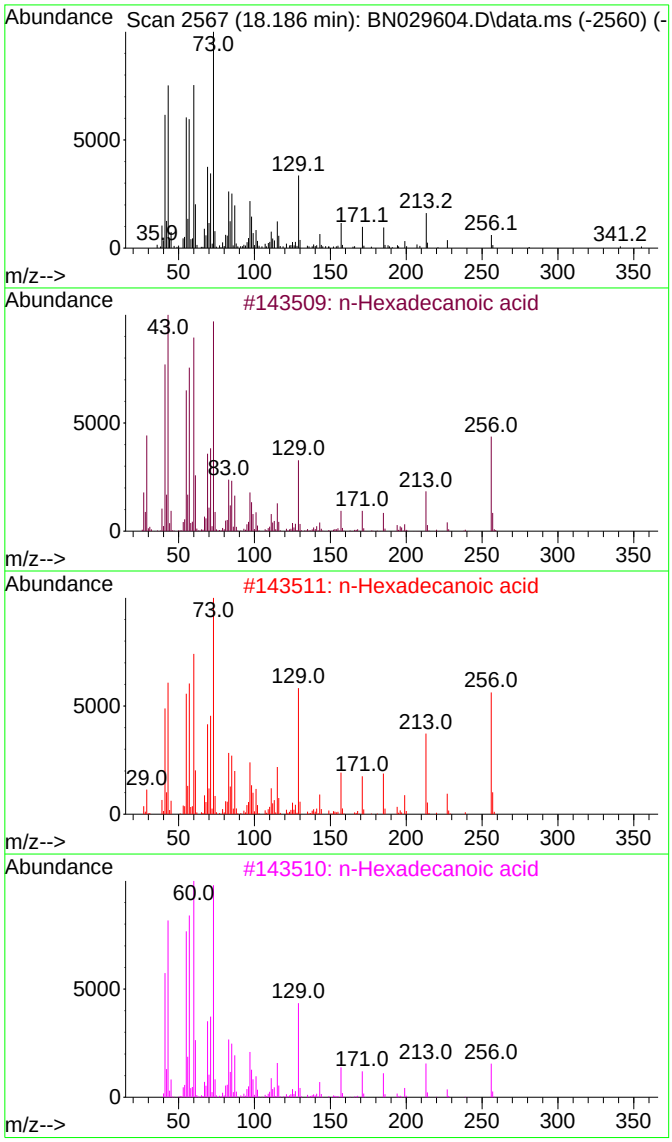
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

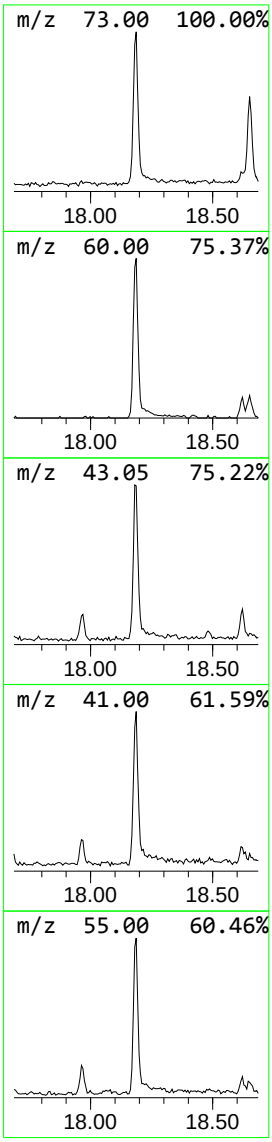
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 n-Hexadecanoic acid Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.186 | 3.56 ng/ul | 341786 | Phenanthrene-d10 | 17.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

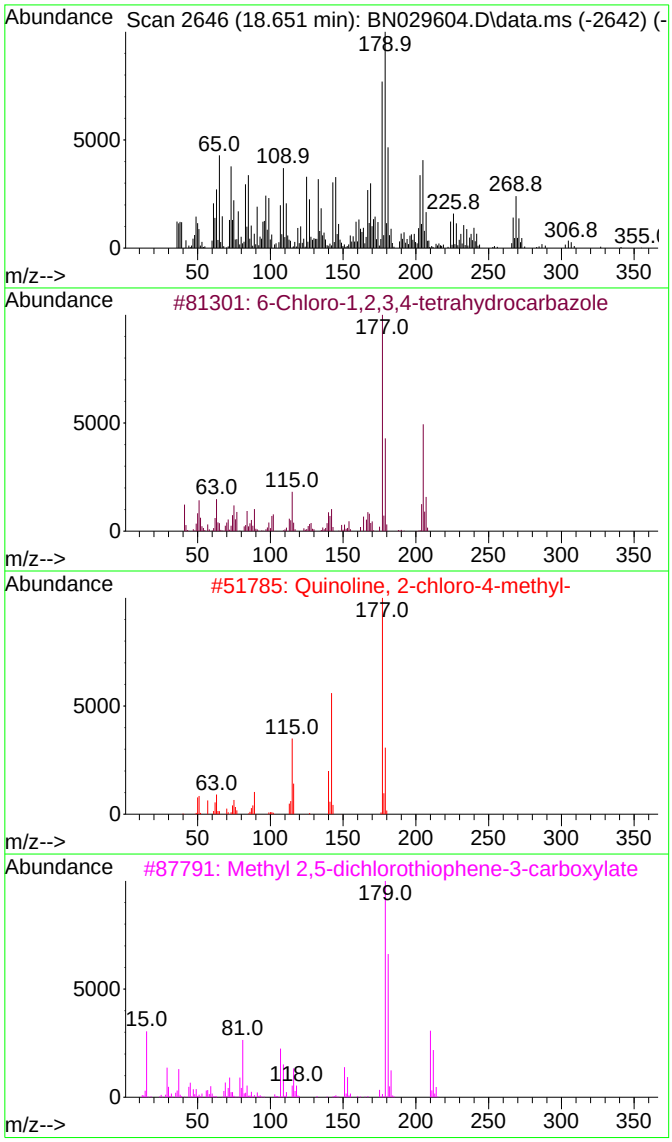
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

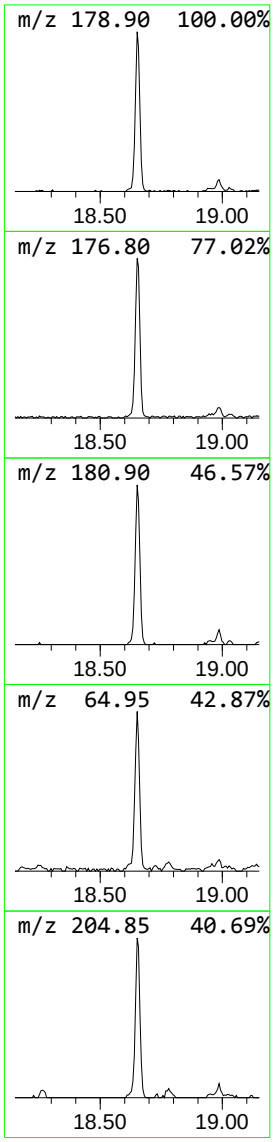
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 unknown-03 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.651 | 8.62 ng/ul | 828472 | Phenanthrene-d10 | 17.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Chloro-1,2,3,4-tetrahydrocarba... | 205 | C12H12ClN | 036684-65-8 | 35 |
| 2 | Quinoline, 2-chloro-4-methyl- | 177 | C10H8ClN | 000634-47-9 | 14 |
| 3 | Methyl 2,5-dichlorothiophene-3-c... | 210 | C6H4Cl2O2S | 145129-54-0 | 14 |
| 4 | 3-(4-Chlorophenyl)-1H-1,2,4-tria... | 179 | C8H6ClN3 | 023195-59-7 | 14 |
| 5 | 4,5-Dichloro-2-fluoroaniline | 179 | C6H4Cl2FN | 002729-36-4 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

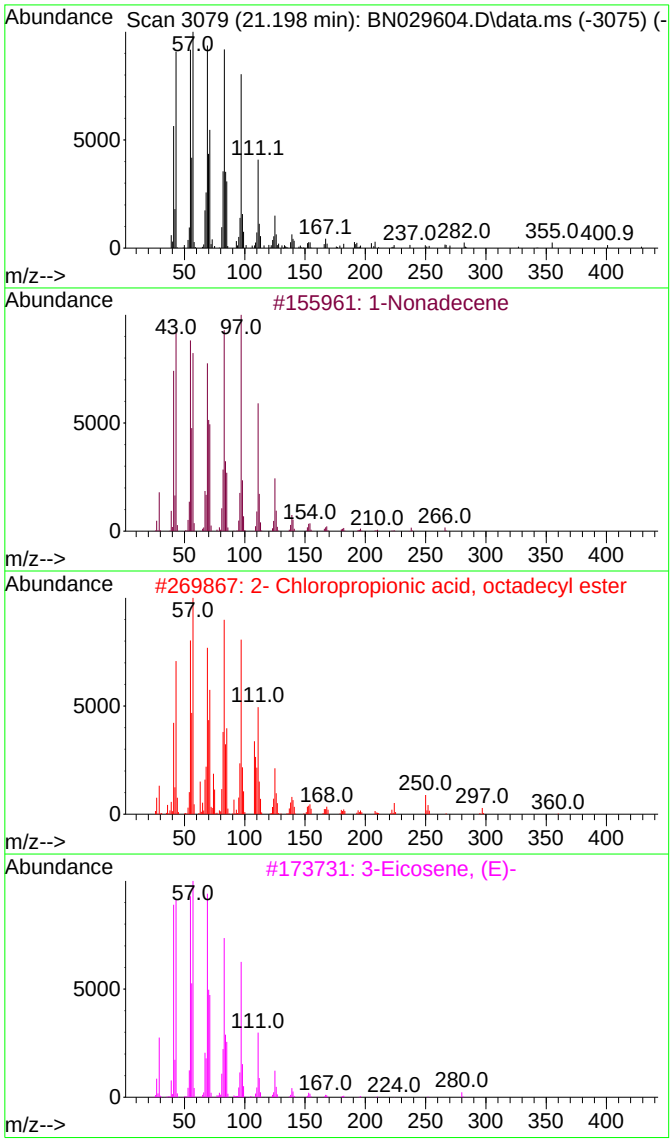
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

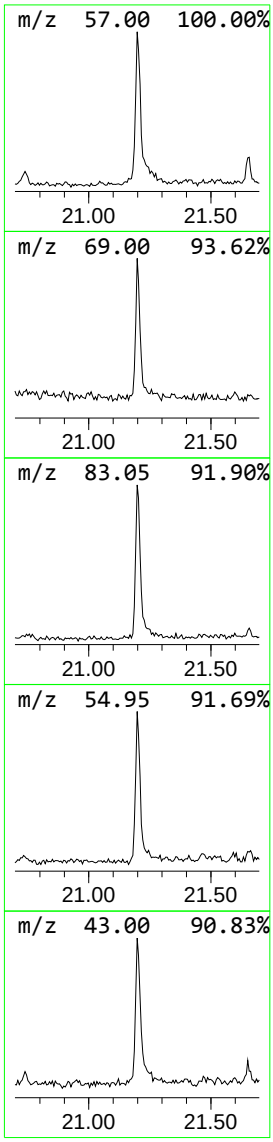
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.198 | 2.31 ng/ul | 224989 | Chrysene-d12 | 21.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 93 |
| 2 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 91 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 4 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 91 |
| 5 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
Data File : BN029604.D
Acq On : 09 Feb 2024 11:32
Operator : MA/JU
Sample : P1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0R23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1-brom... | 9.381 | 15.5 | ng/ul | 1171680 | 2 | 10.698 | 1512460 | 20.0 |
| Benzene, 2,4-di... | 9.604 | 3.7 | ng/ul | 276823 | 2 | 10.698 | 1512460 | 20.0 |
| Benzene, 1,2-di... | 9.652 | 4.1 | ng/ul | 312162 | 2 | 10.698 | 1512460 | 20.0 |
| Benzene, 1-brom... | 9.693 | 8.3 | ng/ul | 631618 | 2 | 10.698 | 1512460 | 20.0 |
| 1,3-Benzenediol... | 10.434 | 14.4 | ng/ul | 1092650 | 2 | 10.698 | 1512460 | 20.0 |
| Benzene, 1-chlo... | 11.293 | 29.9 | ng/ul | 2264850 | 2 | 10.698 | 1512460 | 20.0 |
| Benzene, 1-chlo... | 11.504 | 7.4 | ng/ul | 559744 | 2 | 10.698 | 1512460 | 20.0 |
| 4-Chloro-2-nitr... | 11.981 | 3.7 | ng/ul | 278140 | 2 | 10.698 | 1512460 | 20.0 |
| unknown-01 | 12.328 | 5.5 | ng/ul | 419573 | 2 | 10.698 | 1512460 | 20.0 |
| 2,4,7,9-Tetrame... | 13.428 | 9.9 | ng/ul | 888545 | 3 | 14.522 | 1797550 | 20.0 |
| unknown-02 | 16.786 | 7.3 | ng/ul | 700100 | 4 | 17.275 | 1922780 | 20.0 |
| n-Hexadecanoic ... | 18.186 | 3.6 | ng/ul | 341786 | 4 | 17.275 | 1922780 | 20.0 |
| unknown-03 | 18.651 | 8.6 | ng/ul | 828472 | 4 | 17.275 | 1922780 | 20.0 |
| (DEL) Alkane: S... | 21.198 | 2.3 | ng/ul | 224989 | 5 | 21.468 | 1944910 | 20.0 |