LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

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_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018882.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.252 | 26 | 28 | 33 | rVB | 15026 | 17629 | 0.18% | 0.012% |
| 2 | 3.687 | 100 | 102 | 110 | rVB6 | 10541 | 17856 | 0.19% | 0.012% |
| 3 | 3.993 | 151 | 154 | 160 | rVB2 | 20930 | 28464 | 0.30% | 0.019% |
| 4 | 4.522 | 242 | 244 | 249 | rVB6 | 8917 | 11448 | 0.12% | 0.008% |
| 5 | 7.016 | 658 | 668 | 681 | rVB2 | 1314536 | 2365753 | 24.56% | 1.612% |
| 6 | 7.157 | 686 | 692 | 699 | rVV | 187240 | 285085 | 2.96% | 0.194% |
| 7 | 7.252 | 702 | 708 | 715 | rVB | 351495 | 524472 | 5.44% | 0.357% |
| 8 | 7.352 | 718 | 725 | 726 | rBV | 232711 | 313369 | 3.25% | 0.214% |
| 9 | 7.381 | 726 | 730 | 739 | rVB | 887532 | 1393357 | 14.46% | 0.950% |
| 10 | 7.704 | 778 | 785 | 794 | rVB | 528408 | 835188 | 8.67% | 0.569% |
| 11 | 7.822 | 797 | 805 | 807 | rBV | 983484 | 1559273 | 16.19% | 1.063% |
| 12 | 7.857 | 807 | 811 | 820 | rVB | 2005505 | 3122983 | 32.42% | 2.129% |
| 13 | 8.169 | 856 | 864 | 872 | rBV | 1389351 | 2219501 | 23.04% | 1.513% |
| 14 | 8.534 | 920 | 926 | 935 | rBV | 263966 | 409960 | 4.26% | 0.279% |
| 15 | 8.628 | 935 | 942 | 951 | rBV | 934436 | 1465544 | 15.21% | 0.999% |
| 16 | 8.899 | 981 | 988 | 995 | rVB | 1227936 | 1995686 | 20.71% | 1.360% |
| 17 | 8.981 | 995 | 1002 | 1005 | rVV | 198331 | 308730 | 3.20% | 0.210% |
| 18 | 9.022 | 1005 | 1009 | 1018 | rVB | 348009 | 570930 | 5.93% | 0.389% |
| 19 | 9.393 | 1067 | 1072 | 1078 | rVB7 | 11130 | 23070 | 0.24% | 0.016% |
| 20 | 9.704 | 1119 | 1125 | 1126 | rBV | 136071 | 191020 | 1.98% | 0.130% |
| 21 | 9.734 | 1126 | 1130 | 1145 | rVB | 370159 | 616651 | 6.40% | 0.420% |
| 22 | 10.040 | 1174 | 1182 | 1189 | rVB | 683150 | 1036909 | 10.76% | 0.707% |
| 23 | 10.263 | 1208 | 1220 | 1234 | rBV2 | 635871 | 1481724 | 15.38% | 1.010% |
| 24 | 10.616 | 1273 | 1280 | 1284 | rBV | 1179772 | 1985917 | 20.61% | 1.354% |
| 25 | 10.669 | 1284 | 1289 | 1297 | rVB | 2590544 | 4156935 | 43.15% | 2.833% |
| 26 | 10.763 | 1298 | 1305 | 1318 | rBV | 154385 | 290935 | 3.02% | 0.198% |
| 27 | 10.922 | 1328 | 1332 | 1340 | rVB10 | 8311 | 16891 | 0.18% | 0.012% |
| 28 | 11.763 | 1469 | 1475 | 1476 | rBV6 | 6538 | 11162 | 0.12% | 0.008% |
| 29 | 11.910 | 1492 | 1500 | 1513 | rBV | 1103938 | 1752325 | 18.19% | 1.194% |
| 30 | 12.198 | 1546 | 1549 | 1557 | rVB7 | 5902 | 12113 | 0.13% | 0.008% |
| 31 | 12.704 | 1632 | 1635 | 1639 | rVB3 | 8884 | 12477 | 0.13% | 0.009% |
| 32 | 12.792 | 1643 | 1650 | 1651 | rBV6 | 10702 | 19441 | 0.20% | 0.013% |
| 33 | 12.810 | 1651 | 1653 | 1659 | rVV6 | 13219 | 24733 | 0.26% | 0.017% |
| 34 | 12.892 | 1660 | 1667 | 1672 | rVV | 852077 | 1301066 | 13.50% | 0.887% |
| 35 | 12.957 | 1672 | 1678 | 1693 | rVV | 1746597 | 2731984 | 28.36% | 1.862% |
| 36 | 13.063 | 1694 | 1696 | 1702 | rVB7 | 9134 | 13098 | 0.14% | 0.009% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

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_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.292 | 1730 | 1735 | 1736 | rBV4 | 9460 | 13206 | 0.14% | 0.009% |
| 38 | 13.334 | 1736 | 1742 | 1763 | rVB2 | 1219580 | 2309222 | 23.97% | 1.574% |
| 39 | 13.516 | 1768 | 1773 | 1779 | rVB2 | 16627 | 23742 | 0.25% | 0.016% |
| 40 | 13.728 | 1805 | 1809 | 1813 | rBV6 | 6861 | 11663 | 0.12% | 0.008% |
| 41 | 13.875 | 1827 | 1834 | 1841 | rBV | 445297 | 649683 | 6.74% | 0.443% |
| 42 | 14.045 | 1855 | 1863 | 1871 | rBV | 2018174 | 2807875 | 29.15% | 1.914% |
| 43 | 14.181 | 1875 | 1886 | 1894 | rVV2 | 3179610 | 5375825 | 55.80% | 3.664% |
| 44 | 14.457 | 1927 | 1933 | 1939 | rBV | 1643855 | 2469108 | 25.63% | 1.683% |
| 45 | 14.522 | 1939 | 1944 | 1951 | rVB | 2704328 | 3872332 | 40.19% | 2.639% |
| 46 | 14.586 | 1951 | 1955 | 1960 | rVB2 | 34001 | 50012 | 0.52% | 0.034% |
| 47 | 14.681 | 1960 | 1971 | 1983 | rBV2 | 1191932 | 1959589 | 20.34% | 1.336% |
| 48 | 14.775 | 1983 | 1987 | 1991 | rVV3 | 29179 | 38728 | 0.40% | 0.026% |
| 49 | 14.828 | 1991 | 1996 | 2002 | rVV | 1140157 | 1516452 | 15.74% | 1.034% |
| 50 | 15.086 | 2036 | 2040 | 2045 | rVB4 | 25991 | 36055 | 0.37% | 0.025% |
| 51 | 15.286 | 2064 | 2074 | 2084 | rBV | 3326379 | 4455716 | 46.25% | 3.037% |
| 52 | 15.451 | 2095 | 2102 | 2106 | rBV | 701165 | 1024768 | 10.64% | 0.698% |
| 53 | 15.510 | 2106 | 2112 | 2118 | rVV | 3576555 | 5040403 | 52.32% | 3.436% |
| 54 | 15.575 | 2118 | 2123 | 2129 | rVB | 108902 | 155321 | 1.61% | 0.106% |
| 55 | 15.757 | 2151 | 2154 | 2159 | rVB4 | 15639 | 19952 | 0.21% | 0.014% |
| 56 | 15.881 | 2168 | 2175 | 2178 | rBV8 | 9020 | 19665 | 0.20% | 0.013% |
| 57 | 16.004 | 2191 | 2196 | 2199 | rBV7 | 6805 | 14180 | 0.15% | 0.010% |
| 58 | 16.045 | 2199 | 2203 | 2207 | rVV2 | 13625 | 19365 | 0.20% | 0.013% |
| 59 | 16.181 | 2222 | 2226 | 2233 | rVB8 | 19731 | 35092 | 0.36% | 0.024% |
| 60 | 16.375 | 2255 | 2259 | 2263 | rVB2 | 18649 | 23940 | 0.25% | 0.016% |
| 61 | 16.510 | 2275 | 2282 | 2289 | rBV | 4289277 | 5934156 | 61.60% | 4.045% |
| 62 | 16.610 | 2296 | 2299 | 2304 | rBV6 | 7232 | 13030 | 0.14% | 0.009% |
| 63 | 16.686 | 2309 | 2312 | 2316 | rBV4 | 16399 | 23763 | 0.25% | 0.016% |
| 64 | 16.857 | 2335 | 2341 | 2352 | rBV | 2587838 | 3639939 | 37.78% | 2.481% |
| 65 | 17.010 | 2364 | 2367 | 2373 | rVB8 | 15290 | 25173 | 0.26% | 0.017% |
| 66 | 17.210 | 2395 | 2401 | 2405 | rBV | 1976502 | 2826853 | 29.34% | 1.927% |
| 67 | 17.251 | 2405 | 2408 | 2413 | rVV | 1483126 | 2053421 | 21.31% | 1.400% |
| 68 | 17.310 | 2413 | 2418 | 2420 | rVV | 742424 | 1015195 | 10.54% | 0.692% |
| 69 | 17.345 | 2420 | 2424 | 2434 | rVB | 2079872 | 2867235 | 29.76% | 1.954% |
| 70 | 17.627 | 2468 | 2472 | 2476 | rVB3 | 21911 | 33373 | 0.35% | 0.023% |
| 71 | 17.763 | 2492 | 2495 | 2499 | rBV4 | 13631 | 16199 | 0.17% | 0.011% |
| 72 | 17.822 | 2501 | 2505 | 2512 | rVV4 | 37377 | 62626 | 0.65% | 0.043% |
| 73 | 17.892 | 2513 | 2517 | 2523 | rVB | 71331 | 87335 | 0.91% | 0.060% |
| 74 | 18.104 | 2548 | 2553 | 2560 | rBV | 164825 | 235163 | 2.44% | 0.160% |
| 75 | 18.180 | 2560 | 2566 | 2571 | rVV | 3986281 | 4886812 | 50.72% | 3.331% |
| 76 | 18.457 | 2611 | 2613 | 2617 | rBV4 | 11726 | 16825 | 0.17% | 0.011% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

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_P\Methods\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.551 | 2627 | 2629 | 2634 | rBV3 | 11378 | 16233 | 0.17% | 0.011% |
| 78 | 18.604 | 2634 | 2638 | 2644 | rVB | 120628 | 163758 | 1.70% | 0.112% |
| 79 | 18.680 | 2648 | 2651 | 2656 | rVB5 | 15449 | 18235 | 0.19% | 0.012% |
| 80 | 19.022 | 2706 | 2709 | 2713 | rVB6 | 36258 | 36533 | 0.38% | 0.025% |
| 81 | 19.227 | 2738 | 2744 | 2752 | rVB | 5589579 | 7284102 | 75.61% | 4.965% |
| 82 | 19.339 | 2759 | 2763 | 2767 | rBV2 | 86510 | 115164 | 1.20% | 0.078% |
| 83 | 19.463 | 2779 | 2784 | 2786 | rBV | 54952 | 86608 | 0.90% | 0.059% |
| 84 | 19.551 | 2794 | 2799 | 2800 | rBV | 1184683 | 1424893 | 14.79% | 0.971% |
| 85 | 19.574 | 2800 | 2803 | 2813 | rVB | 2626519 | 3643369 | 37.82% | 2.483% |
| 86 | 21.021 | 3045 | 3049 | 3055 | rBV5 | 121673 | 208345 | 2.16% | 0.142% |
| 87 | 21.221 | 3078 | 3083 | 3089 | rBV | 6990470 | 7668183 | 79.59% | 5.227% |
| 88 | 21.292 | 3089 | 3095 | 3100 | rVV2 | 5234332 | 9634049 | 100.00% | 6.567% |
| 89 | 21.339 | 3100 | 3103 | 3110 | rVB | 6406151 | 8022880 | 83.28% | 5.468% |
| 90 | 22.998 | 3378 | 3385 | 3395 | rVB | 4771640 | 8116675 | 84.25% | 5.532% |
| 91 | 23.515 | 3467 | 3473 | 3479 | rBV2 | 814592 | 1502719 | 15.60% | 1.024% |
| 92 | 23.668 | 3492 | 3499 | 3510 | rVB | 1983248 | 3904012 | 40.52% | 2.661% |
| 93 | 26.145 | 3911 | 3920 | 3933 | rVB | 1977618 | 6065497 | 62.96% | 4.134% |

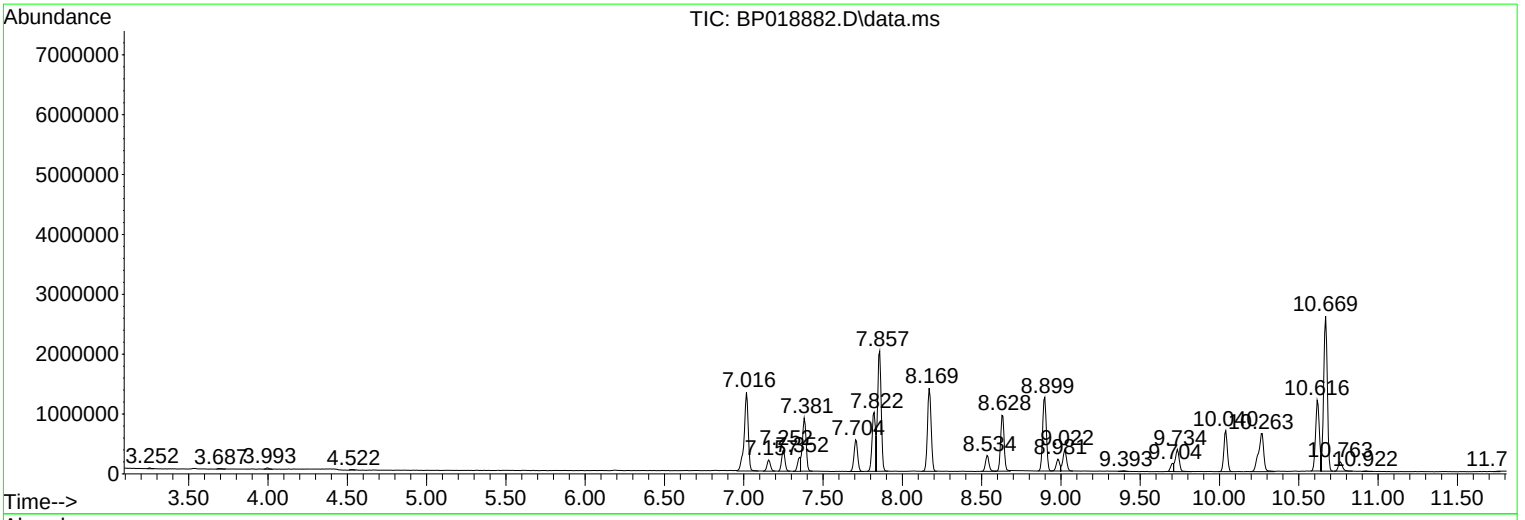
Sum of corrected areas: 146713926

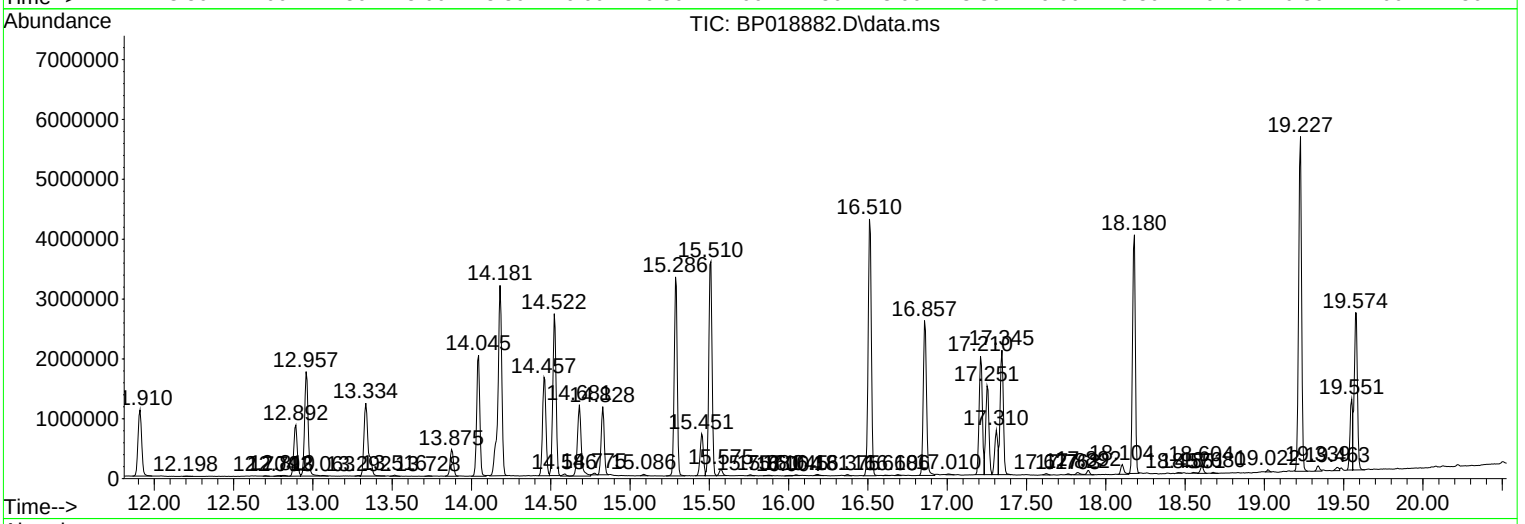
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

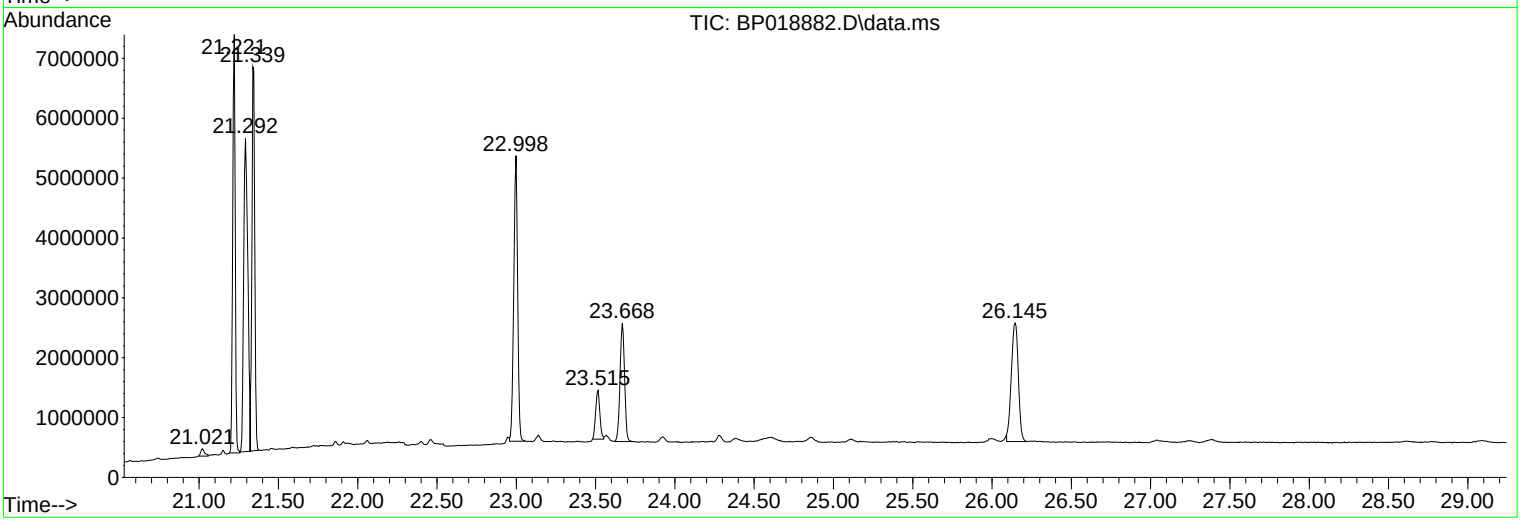
**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

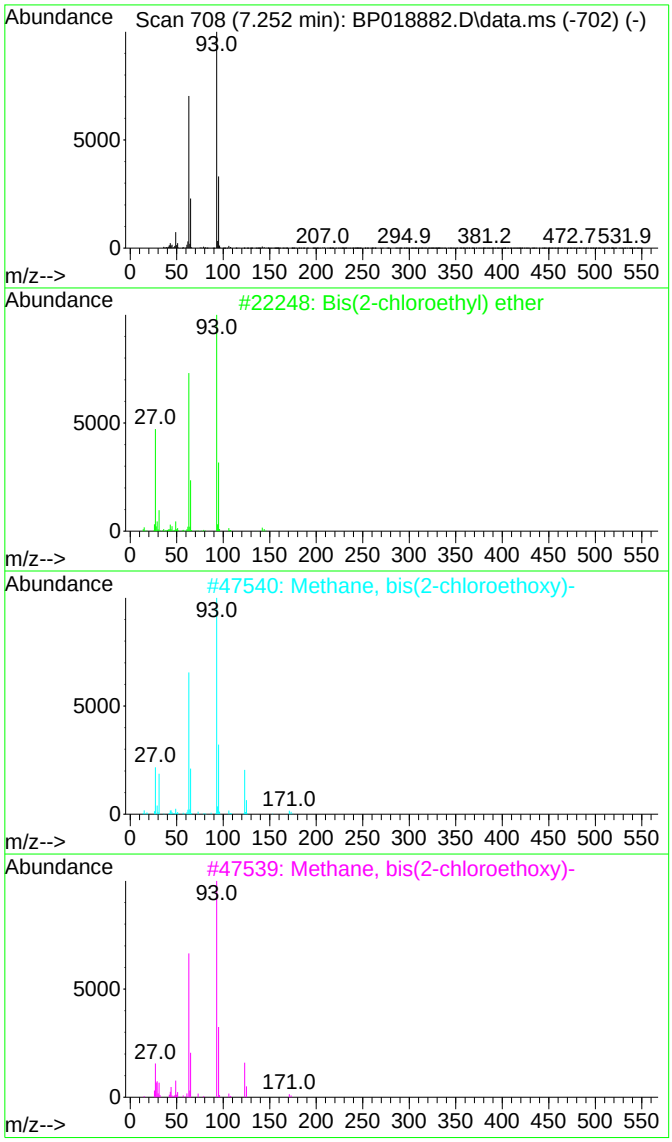
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

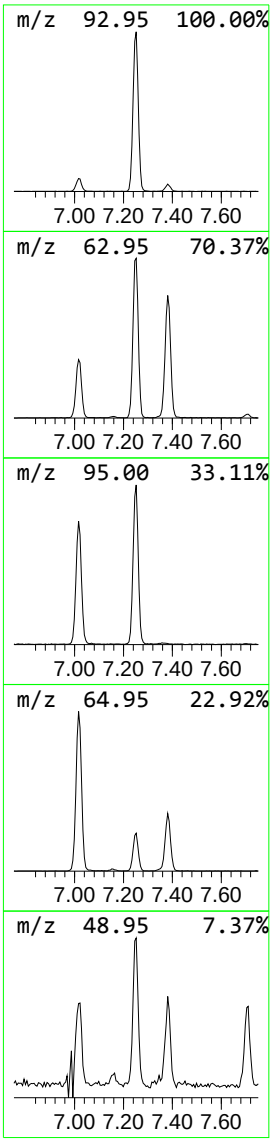
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Bis(2-chloroethyl) ether Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.252 | 6.73 ng/ul | 524472 | 1,4-Dichlorobenzene-d4 | 7.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bis(2-chloroethyl) ether | 142 | C4H8Cl2O | 000111-44-4 | 83 |
| 2 | Methane, bis(2-chloroethoxy)- | 172 | C5H10Cl2O2 | 000111-91-1 | 83 |
| 3 | Methane, bis(2-chloroethoxy)- | 172 | C5H10Cl2O2 | 000111-91-1 | 64 |
| 4 | Carbonochloridic acid, 2,2,2-tri... | 210 | C3H2Cl4O2 | 017341-93-4 | 43 |
| 5 | 2-Propanol, 1-chloro-3-fluoro- | 112 | C3H6ClFO | 189937-18-6 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

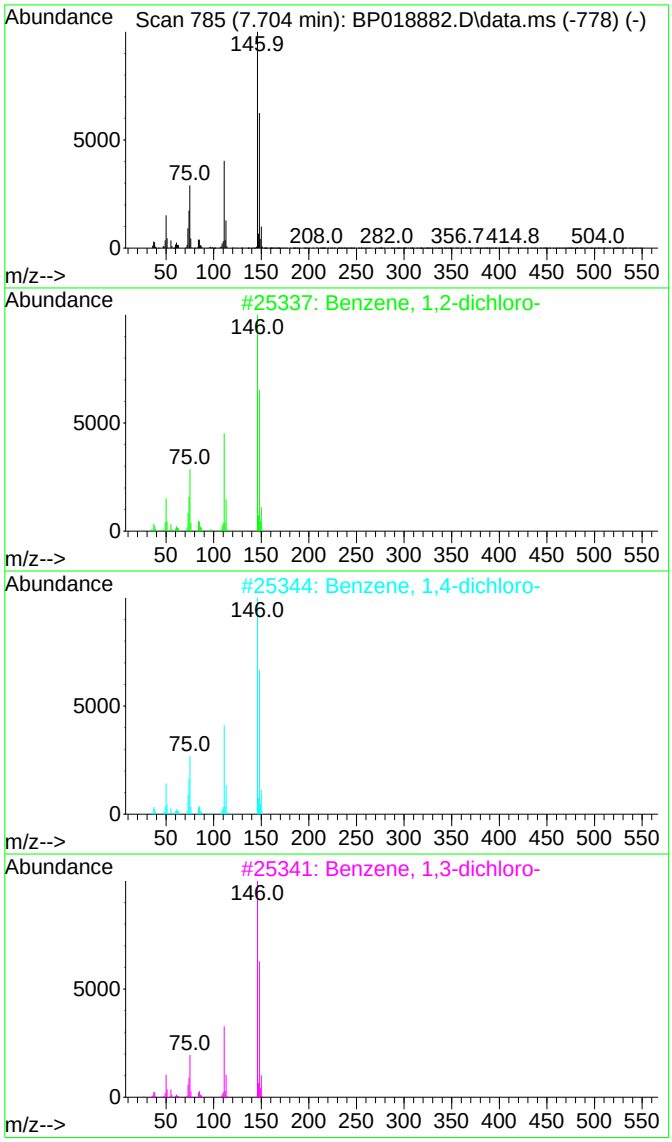
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

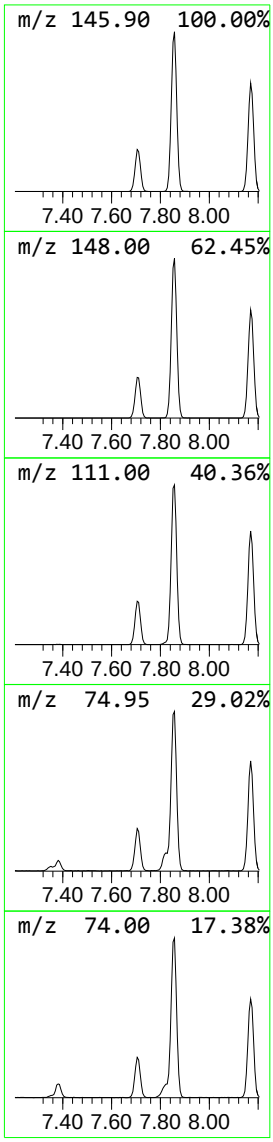
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,2-dichloro- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.704 | 10.71 ng/ul | 835188 | 1,4-Dichlorobenzene-d4 | 7.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 98 |
| 2 | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 98 |
| 3 | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97 |
| 4 | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97 |
| 5 | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

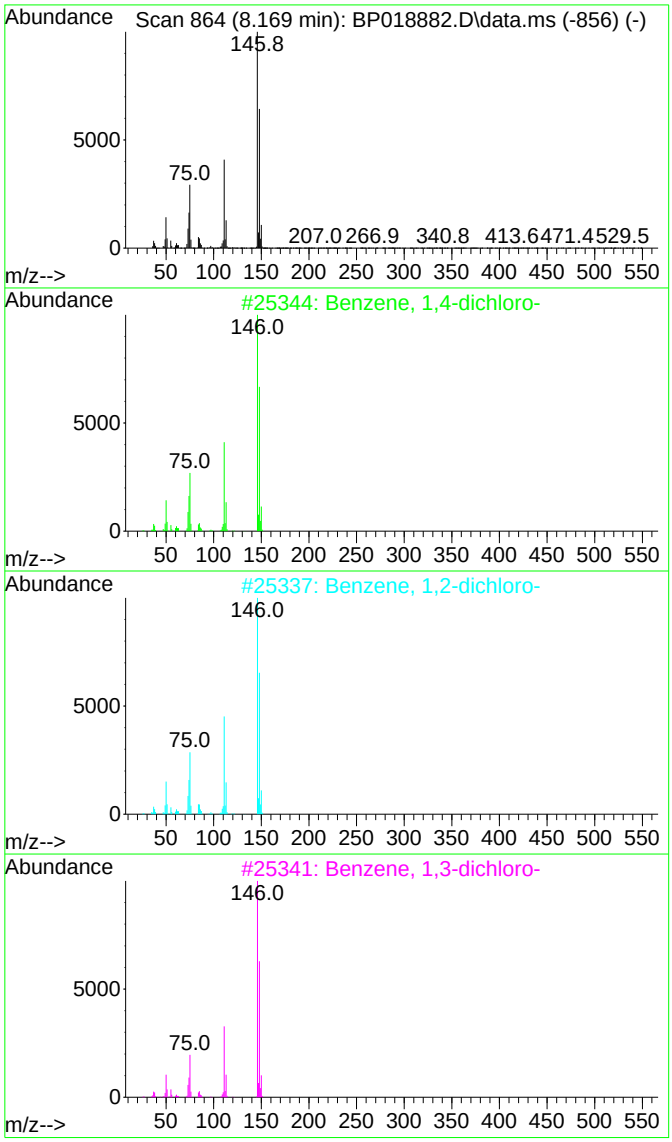
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

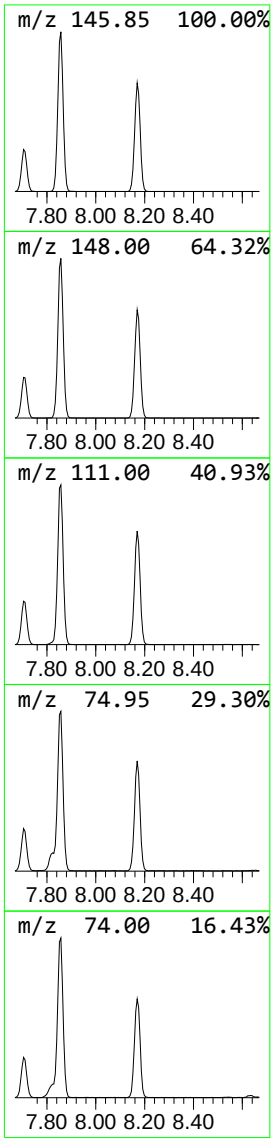
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,4-dichloro- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.169 | 28.47 ng/ul | 2219500 | 1,4-Dichlorobenzene-d4 | 7.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 98 |
| 2 | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 98 |
| 3 | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97 |
| 4 | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97 |
| 5 | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

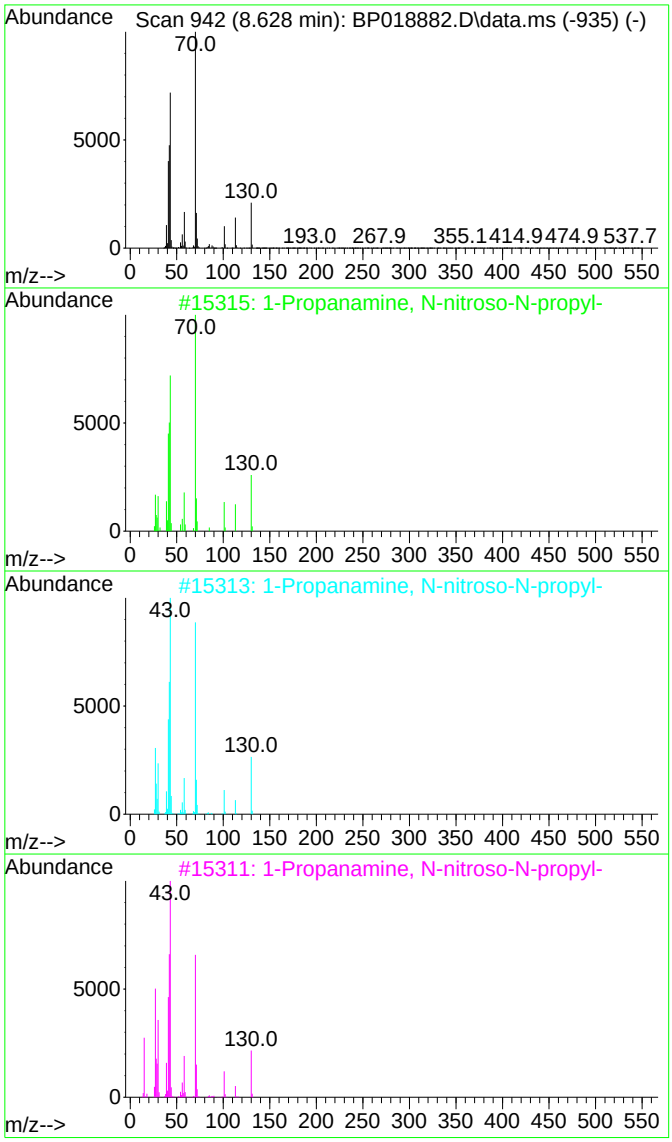
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

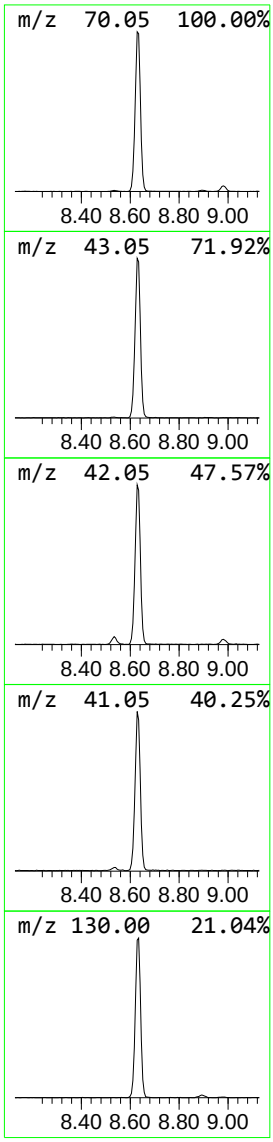
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 1-Propanamine, N-nitroso-N-... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.628 | 18.80 ng/ul | 1465540 | 1,4-Dichlorobenzene-d4 | 7.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Propanamine, N-nitroso-N-propyl- | 130 | C6H14N2O | 000621-64-7 | 94 |
| 2 | 1-Propanamine, N-nitroso-N-propyl- | 130 | C6H14N2O | 000621-64-7 | 76 |
| 3 | 1-Propanamine, N-nitroso-N-propyl- | 130 | C6H14N2O | 000621-64-7 | 68 |
| 4 | Oxazolidine, 2,2-dimethyl- | 101 | C5H11NO | 020515-62-2 | 64 |
| 5 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

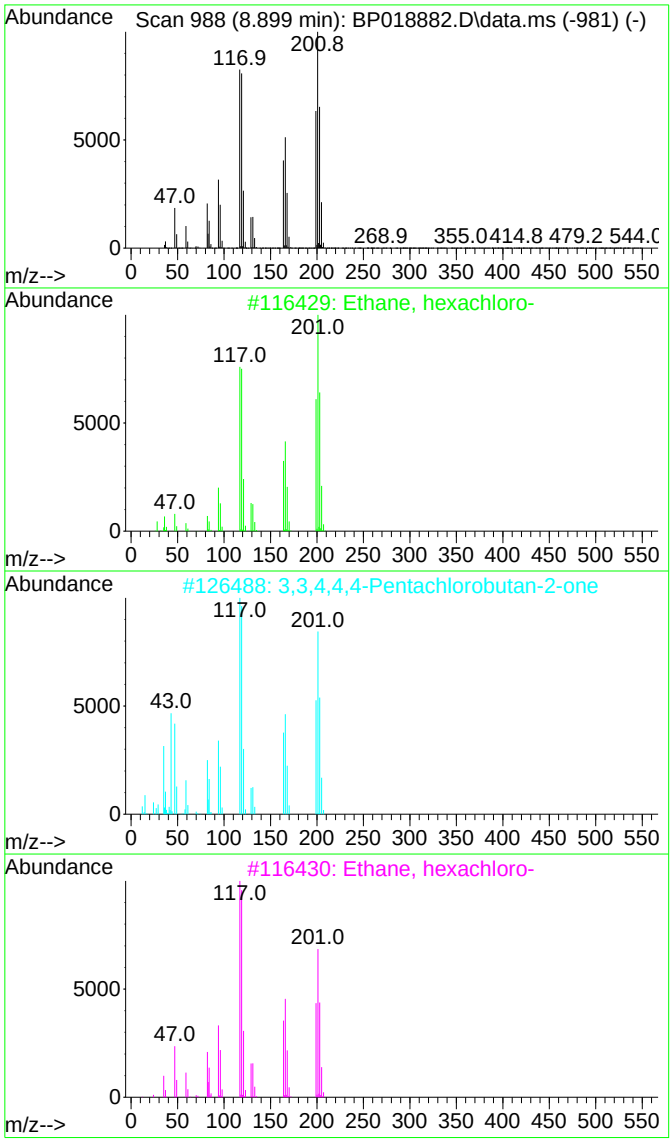
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

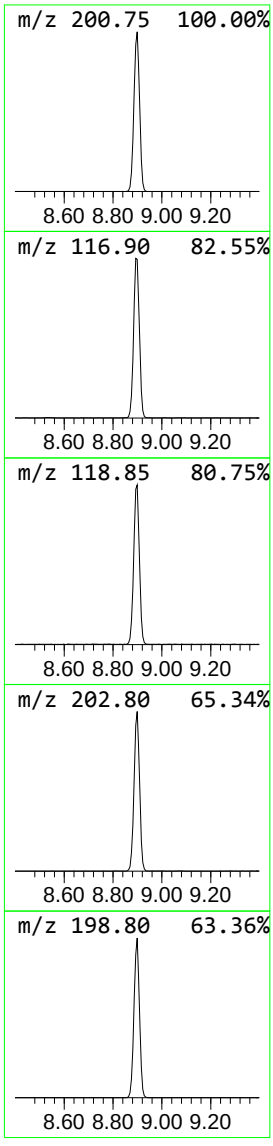
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Ethane, hexachloro- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.899 | 25.60 ng/ul | 1995690 | 1,4-Dichlorobenzene-d4 | 7.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, hexachloro- | 234 | C2Cl6 | 000067-72-1 | 91 |
| 2 | 3,3,4,4,4-Pentachlorobutan-2-one | 242 | C4H3Cl5O | 004020-56-8 | 91 |
| 3 | Ethane, hexachloro- | 234 | C2Cl6 | 000067-72-1 | 91 |
| 4 | Ethane, hexachloro- | 234 | C2Cl6 | 000067-72-1 | 90 |
| 5 | Ethane, hexachloro- | 234 | C2Cl6 | 000067-72-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

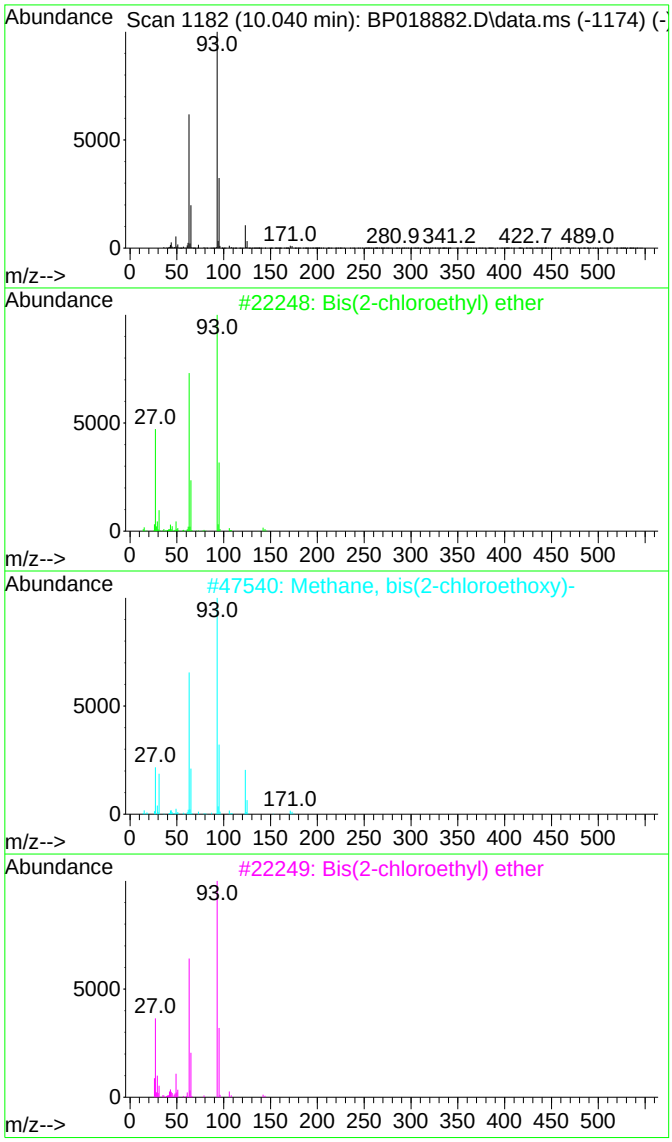
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

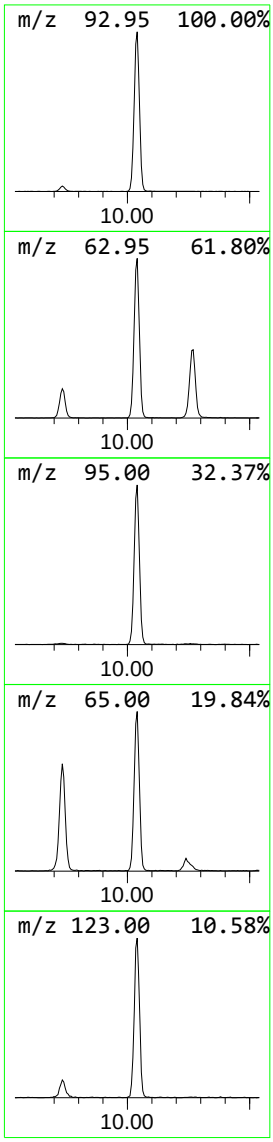
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Methane, bis(2-chloroethoxy)- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.040 | 10.44 ng/ul | 1036910 | Naphthalene-d8 | 10.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bis(2-chloroethyl) ether | 142 | C4H8Cl2O | 000111-44-4 | 90 |
| 2 | Methane, bis(2-chloroethoxy)- | 172 | C5H10Cl2O2 | 000111-91-1 | 83 |
| 3 | Bis(2-chloroethyl) ether | 142 | C4H8Cl2O | 000111-44-4 | 64 |
| 4 | ethanol, 2,2'-[oxybis(methylenes... | 262 | C6H14O7S2 | 1010401-58-0 | 56 |
| 5 | Bis(2-chloroethyl) ether | 142 | C4H8Cl2O | 000111-44-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

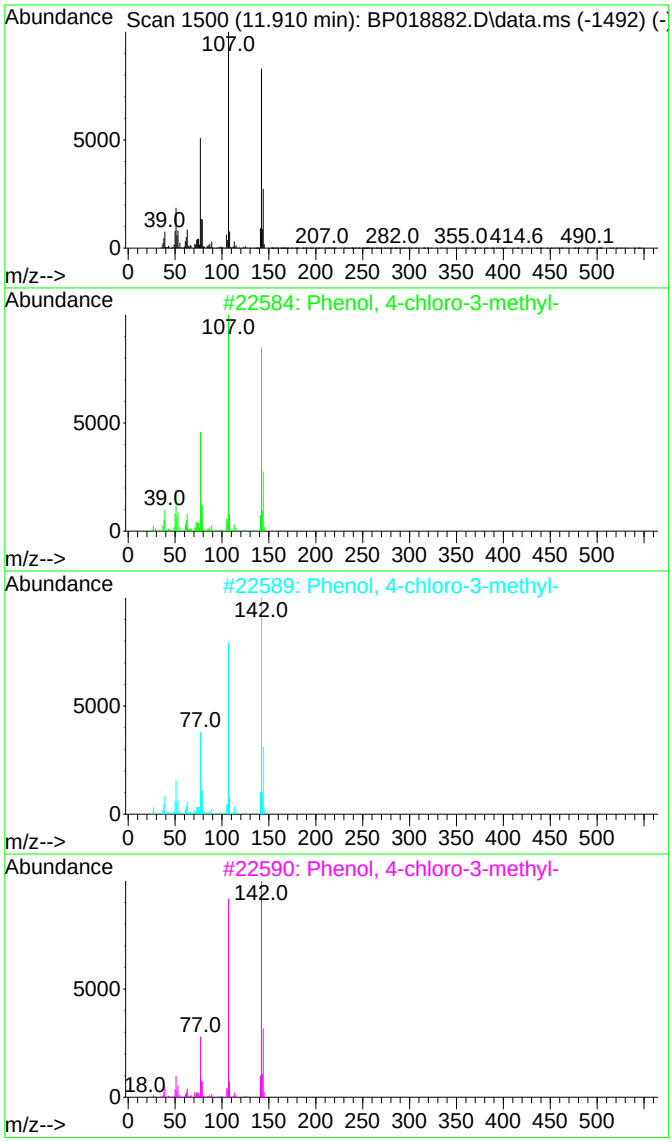
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

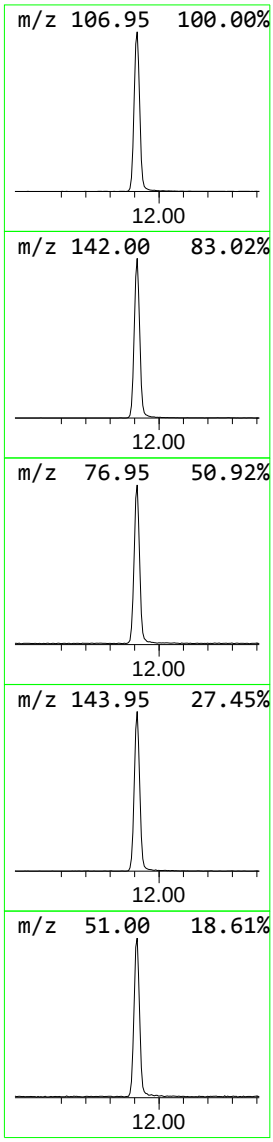
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Phenol, 4-chloro-3-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.910 | 17.65 ng/ul | 1752330 | Naphthalene-d8 | 10.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-chloro-3-methyl- | 142 | C7H7ClO | 000059-50-7 | 97 |
| 2 | Phenol, 4-chloro-3-methyl- | 142 | C7H7ClO | 000059-50-7 | 97 |
| 3 | Phenol, 4-chloro-3-methyl- | 142 | C7H7ClO | 000059-50-7 | 97 |
| 4 | Phenol, 4-chloro-3-methyl- | 142 | C7H7ClO | 000059-50-7 | 96 |
| 5 | Phenol, 4-chloro-3-methyl- | 142 | C7H7ClO | 000059-50-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

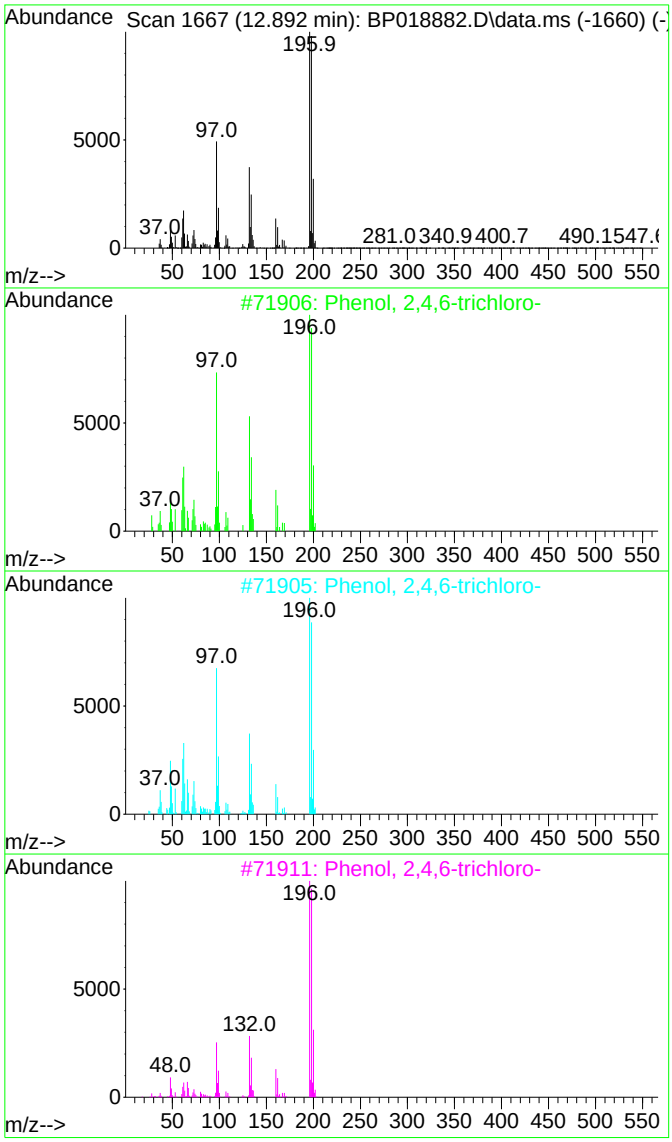
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

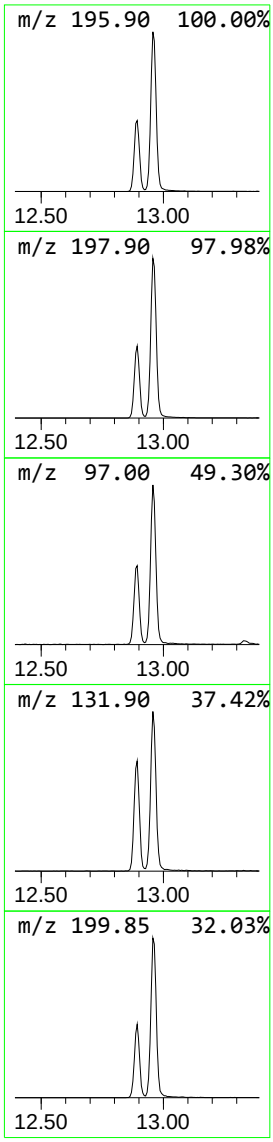
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Phenol, 2,4,6-trichloro- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.892 | 10.54 ng/ul | 1301070 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,6-trichloro- | 196 | C6H3Cl3O | 000088-06-2 | 98 |
| 2 | Phenol, 2,4,6-trichloro- | 196 | C6H3Cl3O | 000088-06-2 | 98 |
| 3 | Phenol, 2,4,6-trichloro- | 196 | C6H3Cl3O | 000088-06-2 | 97 |
| 4 | Phenol, 2,4,5-trichloro- | 196 | C6H3Cl3O | 000095-95-4 | 95 |
| 5 | Phenol, 2,4,6-trichloro- | 196 | C6H3Cl3O | 000088-06-2 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

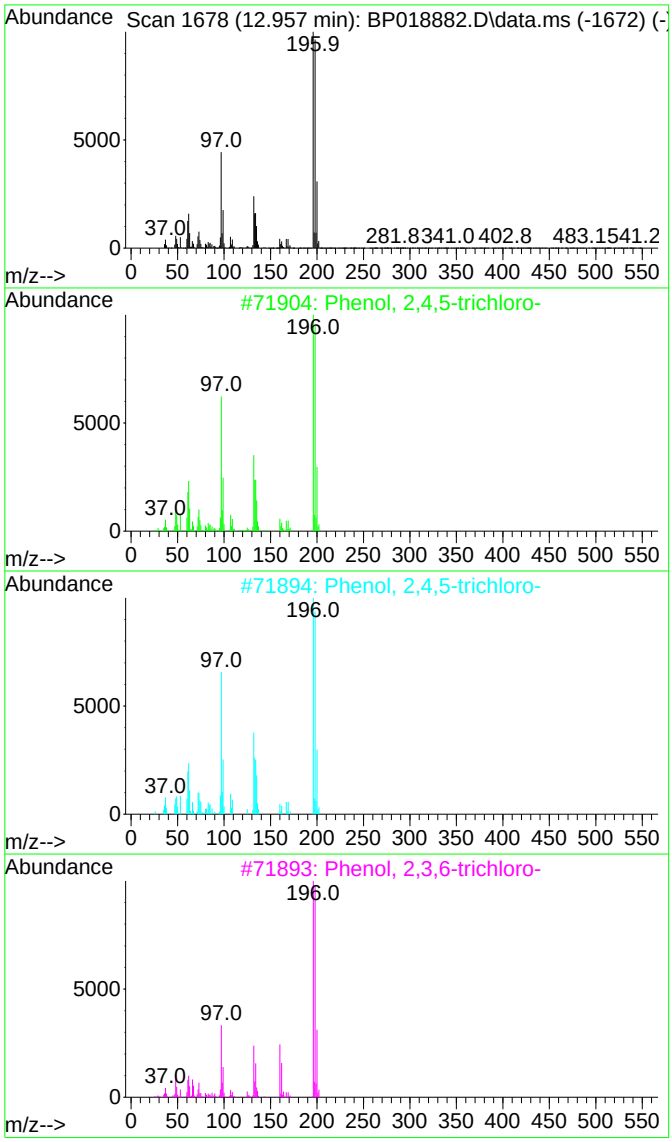
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

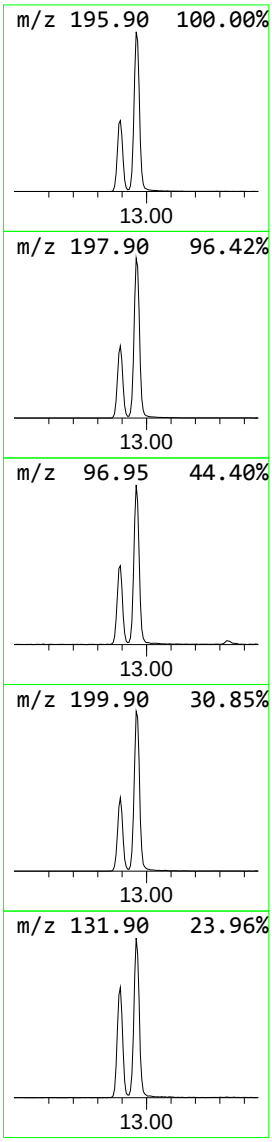
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Phenol, 2,4,5-trichloro- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.957 | 22.13 ng/ul | 2731980 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,5-trichloro- | 196 | C6H3Cl3O | 000095-95-4 | 98 |
| 2 | Phenol, 2,4,5-trichloro- | 196 | C6H3Cl3O | 000095-95-4 | 95 |
| 3 | Phenol, 2,3,6-trichloro- | 196 | C6H3Cl3O | 000933-75-5 | 95 |
| 4 | Phenol, 2,4,5-trichloro- | 196 | C6H3Cl3O | 000095-95-4 | 94 |
| 5 | Phenol, 2,3,4-trichloro- | 196 | C6H3Cl3O | 015950-66-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

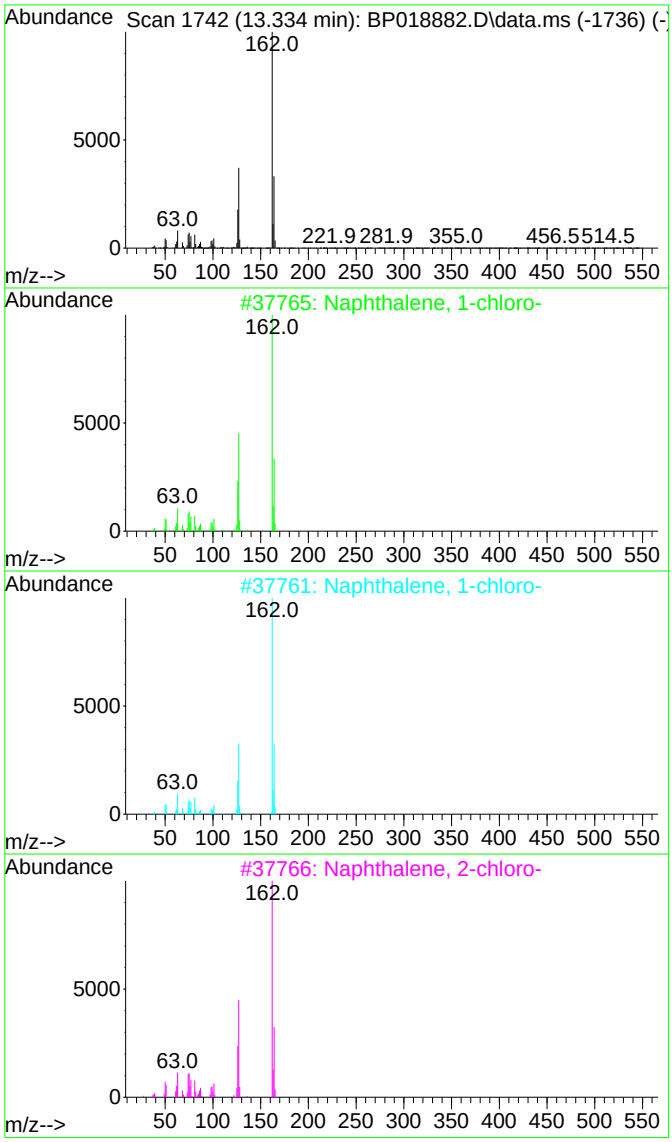
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

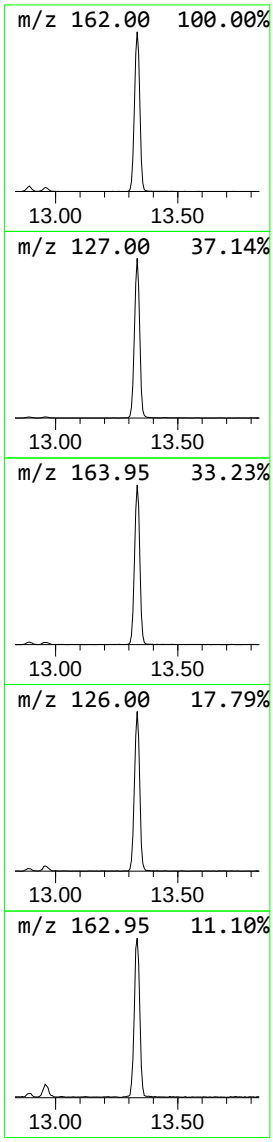
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1-chloro- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.334 | 18.70 ng/ul | 2309220 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-chloro- | 162 | C10H7Cl | 000090-13-1 | 97 |
| 2 | Naphthalene, 1-chloro- | 162 | C10H7Cl | 000090-13-1 | 96 |
| 3 | Naphthalene, 2-chloro- | 162 | C10H7Cl | 000091-58-7 | 95 |
| 4 | Naphthalene, 2-chloro- | 162 | C10H7Cl | 000091-58-7 | 94 |
| 5 | Naphthalene, 1-chloro- | 162 | C10H7Cl | 000090-13-1 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

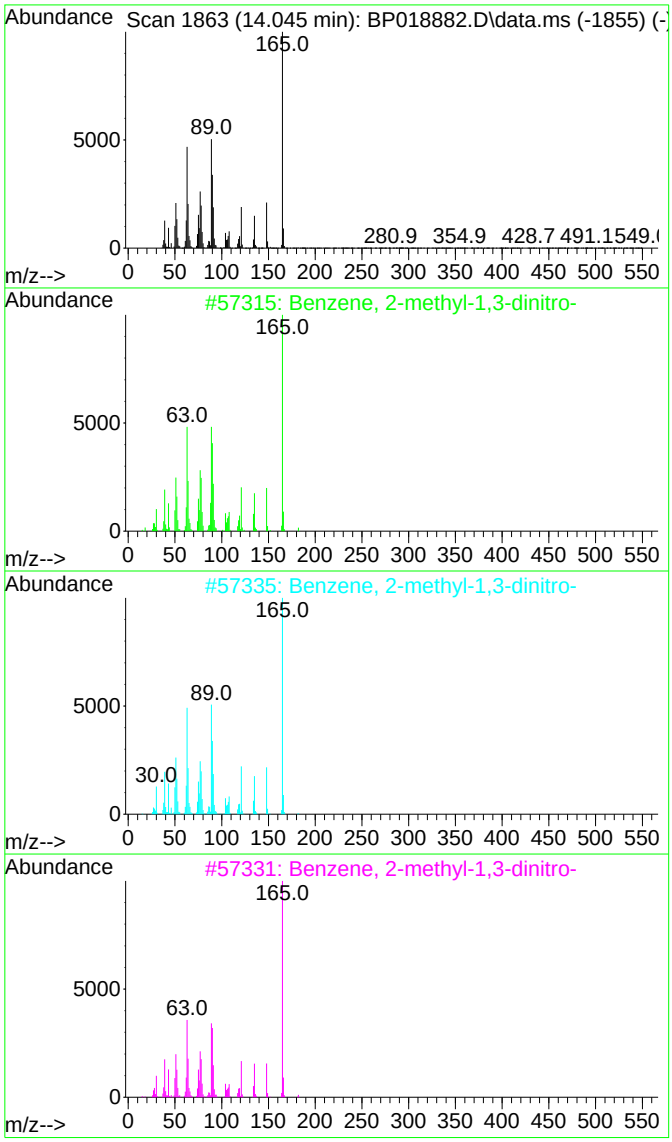
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

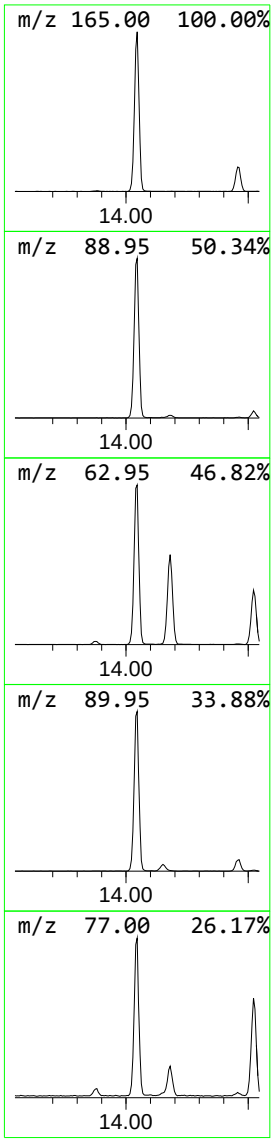
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 2-methyl-1,3-dinitro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.045 | 22.74 ng/ul | 2807880 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-methyl-1,3-dinitro- | 182 | C7H6N2O4 | 000606-20-2 | 91 |
| 2 | Benzene, 2-methyl-1,3-dinitro- | 182 | C7H6N2O4 | 000606-20-2 | 91 |
| 3 | Benzene, 2-methyl-1,3-dinitro- | 182 | C7H6N2O4 | 000606-20-2 | 91 |
| 4 | Benzene, 1-methyl-2,3-dinitro- | 182 | C7H6N2O4 | 000602-01-7 | 72 |
| 5 | Benzene, 2-methyl-1,3-dinitro- | 182 | C7H6N2O4 | 000606-20-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

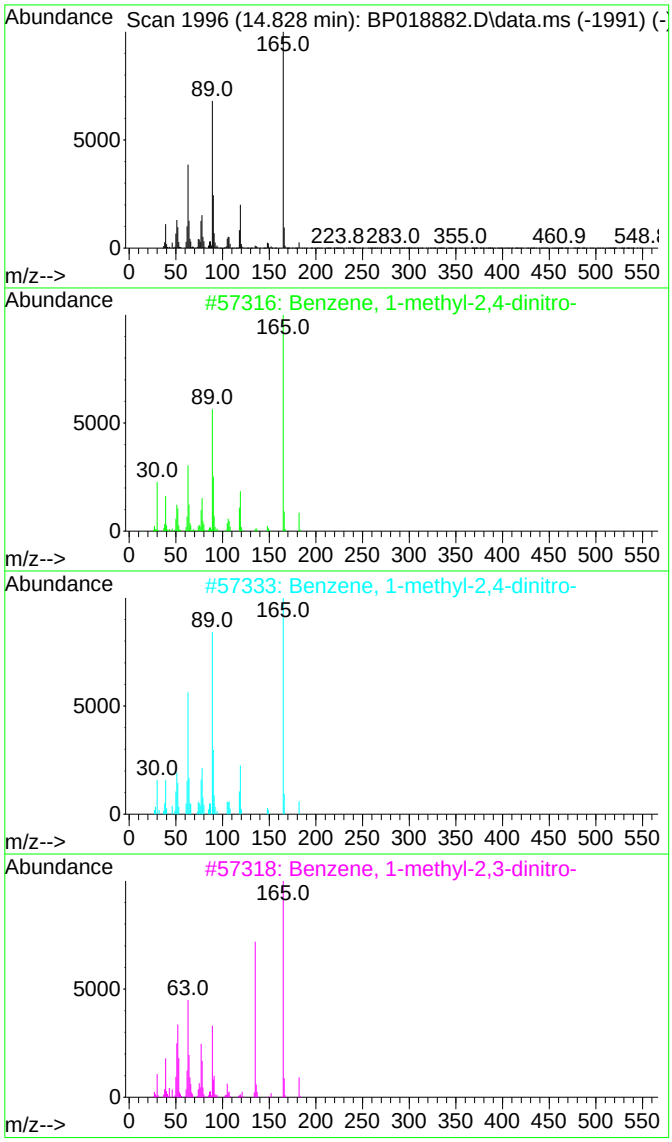
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

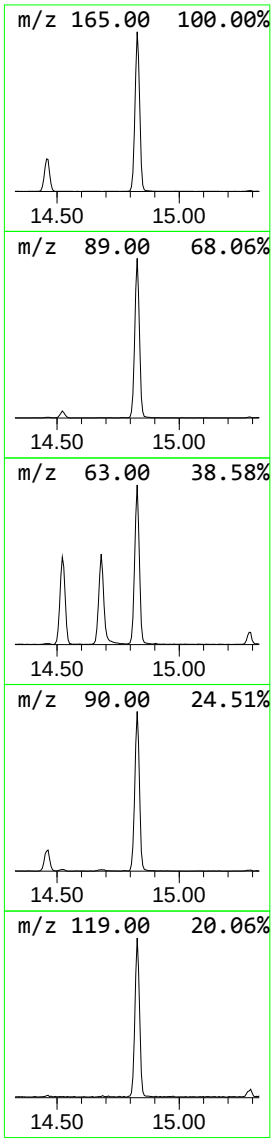
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1-methyl-2,4-dinitro- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.828 | 12.28 ng/ul | 1516450 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2,4-dinitro- | 182 | C7H6N2O4 | 000121-14-2 | 91 |
| 2 | Benzene, 1-methyl-2,4-dinitro- | 182 | C7H6N2O4 | 000121-14-2 | 74 |
| 3 | Benzene, 1-methyl-2,3-dinitro- | 182 | C7H6N2O4 | 000602-01-7 | 50 |
| 4 | Benzene, 2-methyl-1,4-dinitro- | 182 | C7H6N2O4 | 000619-15-8 | 50 |
| 5 | Benzene, 1-methyl-2,4-dinitro- | 182 | C7H6N2O4 | 000121-14-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

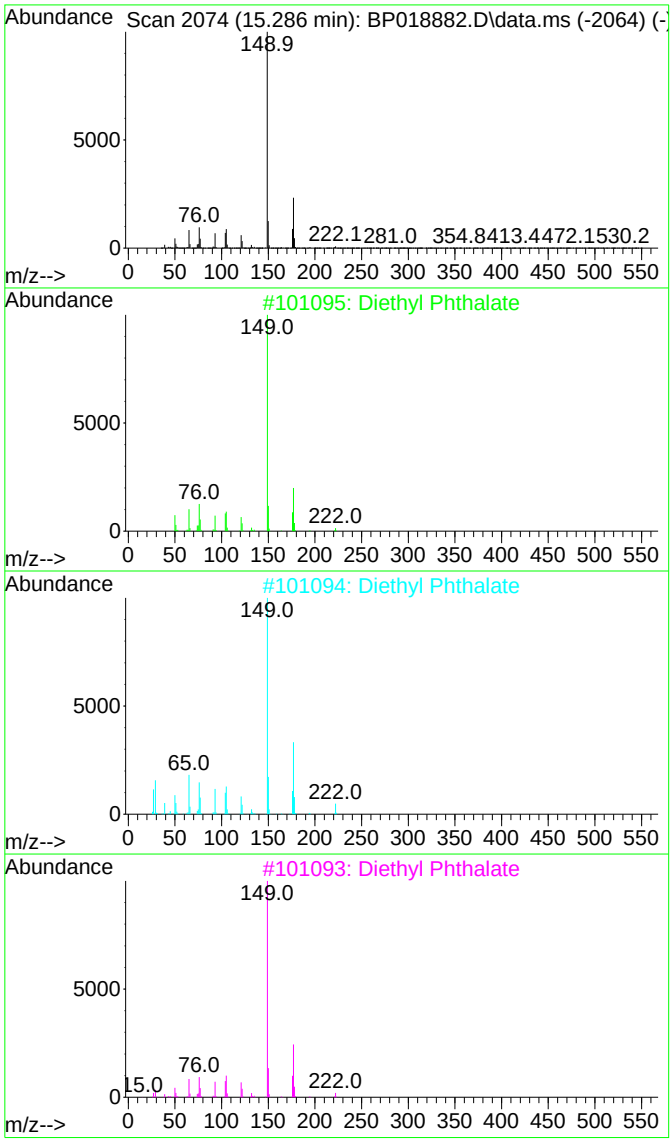
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

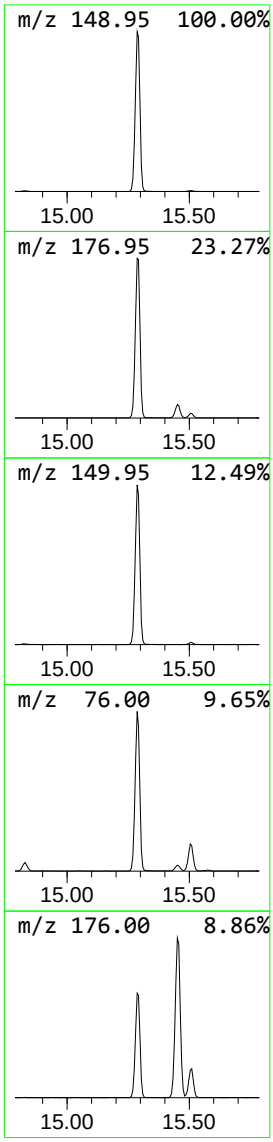
**********

Peak Number 13 Diethyl Phthalate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.286 | 36.09 ng/ul | 4455720 | Acenaphthene-d10 | 14.457 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethyl Phthalate | 222 | C12H14O4 | 000084-66-2 | 95 |
| 2 | Diethyl Phthalate | 222 | C12H14O4 | 000084-66-2 | 93 |
| 3 | Diethyl Phthalate | 222 | C12H14O4 | 000084-66-2 | 91 |
| 4 | Diethyl Phthalate | 222 | C12H14O4 | 000084-66-2 | 90 |
| 5 | Phthalic acid, 7-bromoheptyl eth... | 370 | C17H23BrO4 | 1000415-51-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

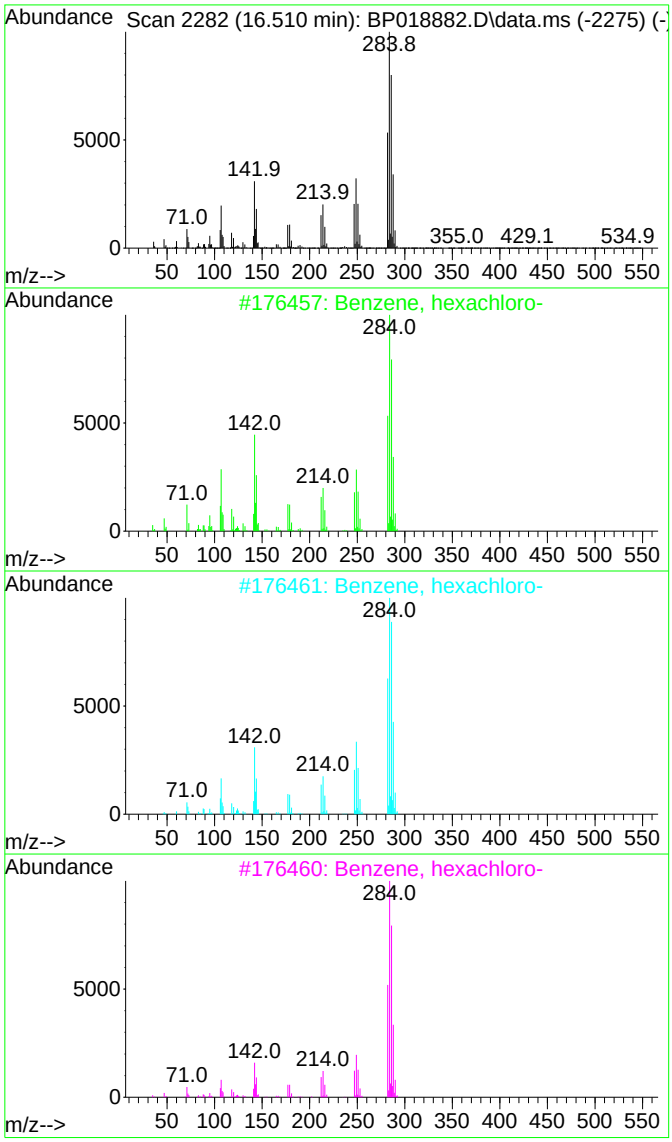
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

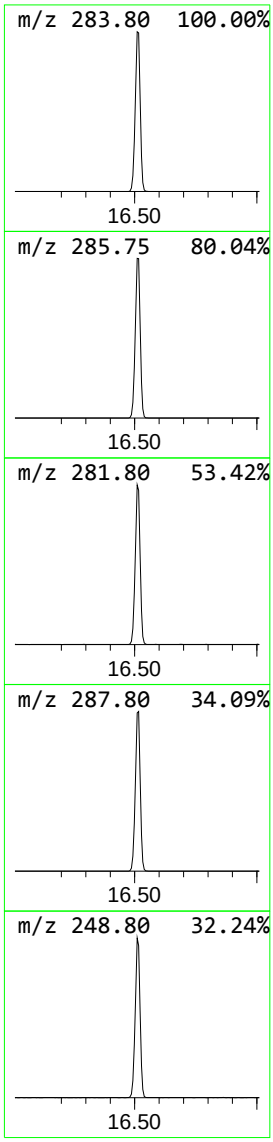
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, hexachloro- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.510 | 41.98 ng/ul | 5934160 | Phenanthrene-d10 | 17.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, hexachloro- | 282 | C6Cl6 | 000118-74-1 | 99 |
| 2 | Benzene, hexachloro- | 282 | C6Cl6 | 000118-74-1 | 99 |
| 3 | Benzene, hexachloro- | 282 | C6Cl6 | 000118-74-1 | 99 |
| 4 | Benzene, hexachloro- | 282 | C6Cl6 | 000118-74-1 | 99 |
| 5 | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 282 | C6Cl6 | 006317-25-5 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

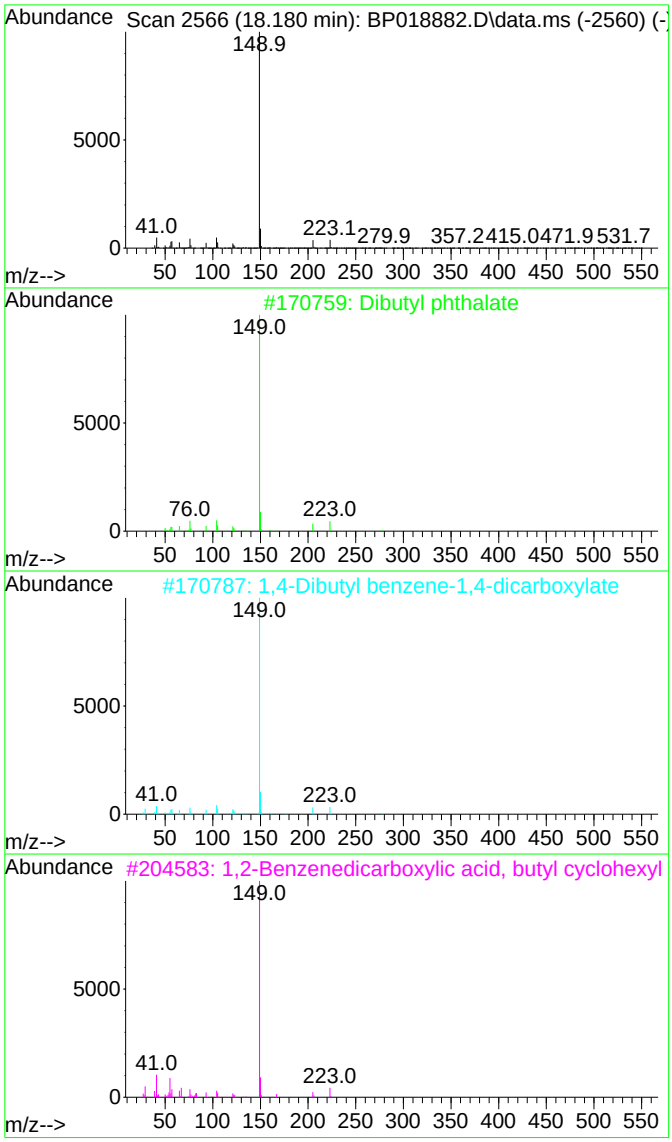
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

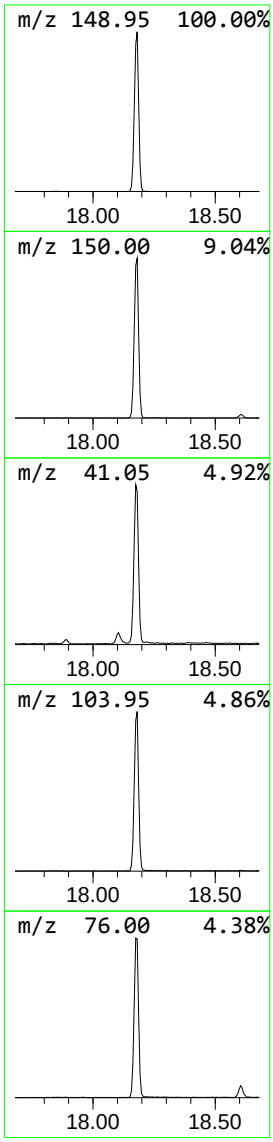
**********

Peak Number 15 Dibutyl phthalate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.180 | 34.57 ng/ul | 4886810 | Phenanthrene-d10 | 17.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibutyl phthalate | 278 | C16H22O4 | 000084-74-2 | 91 |
| 2 | 1,4-Dibutyl benzene-1,4-dicarbox... | 278 | C16H22O4 | 001962-75-0 | 90 |
| 3 | 1,2-Benzenedicarboxylic acid, bu... | 304 | C18H24O4 | 000084-64-0 | 90 |
| 4 | Di-sec-butyl phthalate | 278 | C16H22O4 | 1000373-65-4 | 86 |
| 5 | Phthalic acid, 8-bromoctyl butyl... | 412 | C20H29BrO4 | 1000382-55-4 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

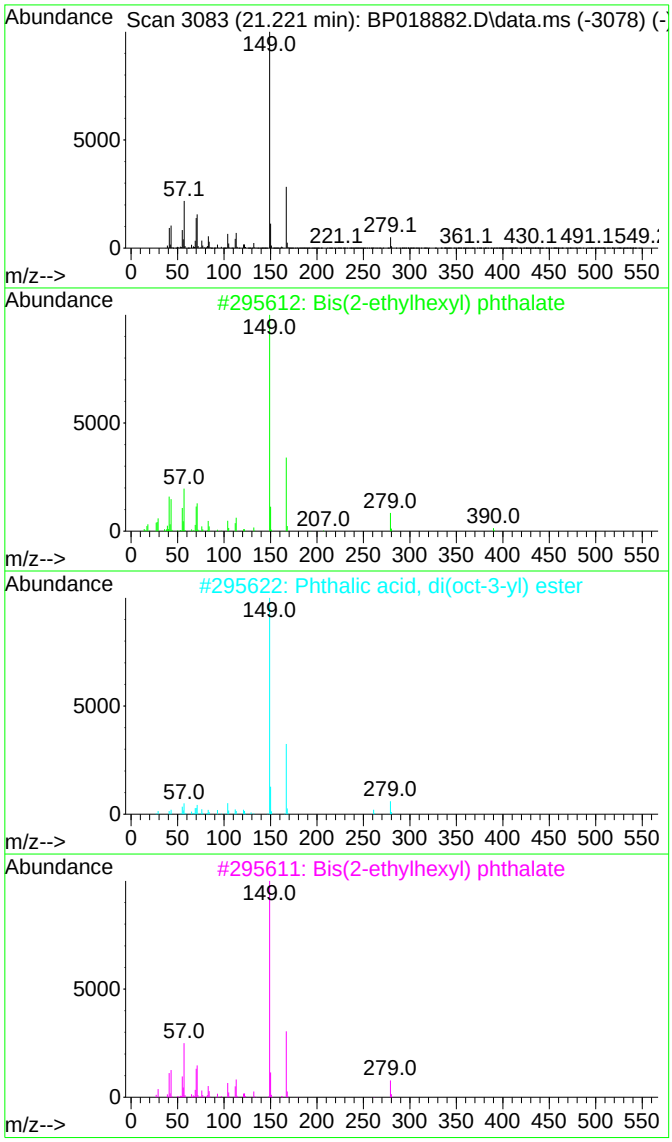
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

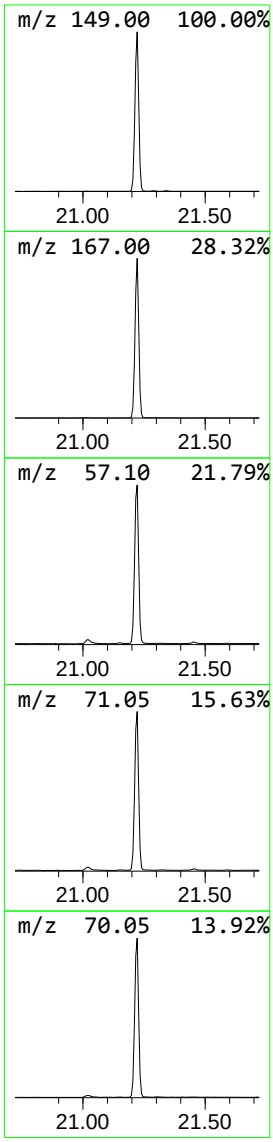
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Bis(2-ethylhexyl) phthalate Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.221 | 15.92 ng/ul | 7668180 | Chrysene-d12 | 21.304 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bis(2-ethylhexyl) phthalate | 390 | C24H38O4 | 000117-81-7 | 90 |
| 2 | Phthalic acid, di(oct-3-yl) ester | 390 | C24H38O4 | 1000377-72-3 | 80 |
| 3 | Bis(2-ethylhexyl) phthalate | 390 | C24H38O4 | 000117-81-7 | 76 |
| 4 | Bis(2-ethylhexyl) phthalate | 390 | C24H38O4 | 000117-81-7 | 76 |
| 5 | Phthalic acid, isobutyl 4-methyl... | 334 | C20H30O4 | 1000377-93-8 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
Data File : BP018882.D
Acq On : 15 Dec 2023 16:17
Operator : MA/JU
Sample : 05626-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCLM5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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 |
| Bis(2-chloroeth... | 7.252 | 6.7 | ng/ul | 524472 | 1 | 7.822 | 1559270 | 20.0 |
| Benzene, 1,2-di... | 7.704 | 10.7 | ng/ul | 835188 | 1 | 7.822 | 1559270 | 20.0 |
| Benzene, 1,4-di... | 8.169 | 28.5 | ng/ul | 2219500 | 1 | 7.822 | 1559270 | 20.0 |
| 1-Propanamine, ... | 8.628 | 18.8 | ng/ul | 1465540 | 1 | 7.822 | 1559270 | 20.0 |
| Ethane, hexachl... | 8.899 | 25.6 | ng/ul | 1995690 | 1 | 7.822 | 1559270 | 20.0 |
| Methane, bis(2-... | 10.040 | 10.4 | ng/ul | 1036910 | 2 | 10.616 | 1985920 | 20.0 |
| Phenol, 4-chlor... | 11.910 | 17.6 | ng/ul | 1752330 | 2 | 10.616 | 1985920 | 20.0 |
| Phenol, 2,4,6-t... | 12.892 | 10.5 | ng/ul | 1301070 | 3 | 14.457 | 2469110 | 20.0 |
| Phenol, 2,4,5-t... | 12.957 | 22.1 | ng/ul | 2731980 | 3 | 14.457 | 2469110 | 20.0 |
| Naphthalene, 1-... | 13.334 | 18.7 | ng/ul | 2309220 | 3 | 14.457 | 2469110 | 20.0 |
| Benzene, 2-meth... | 14.045 | 22.7 | ng/ul | 2807880 | 3 | 14.457 | 2469110 | 20.0 |
| Benzene, 1-meth... | 14.828 | 12.3 | ng/ul | 1516450 | 3 | 14.457 | 2469110 | 20.0 |
| Diethyl Phthalate | 15.286 | 36.1 | ng/ul | 4455720 | 3 | 14.457 | 2469110 | 20.0 |
| Benzene, hexach... | 16.510 | 42.0 | ng/ul | 5934160 | 4 | 17.210 | 2826850 | 20.0 |
| Dibutyl phthalate | 18.180 | 34.6 | ng/ul | 4886810 | 4 | 17.210 | 2826850 | 20.0 |
| Bis(2-ethylhexy... | 21.221 | 15.9 | ng/ul | 7668180 | 5 | 21.304 | 9634050 | 20.0 |