LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

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-BP100423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017547.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.246 | 22 | 27 | 47 | rVB | 3863992 | 4622918 | 3.53% | 0.951% |
| 2 | 3.734 | 107 | 110 | 124 | rBV | 121311 | 205596 | 0.16% | 0.042% |
| 3 | 4.040 | 155 | 162 | 164 | rBV | 24442392 | 40198990 | 30.71% | 8.270% |
| 4 | 4.563 | 244 | 251 | 275 | rBV | 21314341 | 35111492 | 26.82% | 7.223% |
| 5 | 5.199 | 349 | 359 | 369 | rBV | 5154593 | 7341675 | 5.61% | 1.510% |
| 6 | 5.381 | 383 | 390 | 400 | rBV | 4281105 | 5868136 | 4.48% | 1.207% |
| 7 | 5.522 | 406 | 414 | 432 | rBV | 11190550 | 23215946 | 17.74% | 4.776% |
| 8 | 5.893 | 470 | 477 | 485 | rBV | 5964820 | 8700729 | 6.65% | 1.790% |
| 9 | 6.369 | 549 | 558 | 569 | rBV | 655430 | 951543 | 0.73% | 0.196% |
| 10 | 6.869 | 636 | 643 | 650 | rBV | 962186 | 1436614 | 1.10% | 0.296% |
| 11 | 6.981 | 655 | 662 | 668 | rVV | 2681667 | 3909734 | 2.99% | 0.804% |
| 12 | 7.046 | 668 | 673 | 678 | rVV | 1322227 | 1926306 | 1.47% | 0.396% |
| 13 | 7.122 | 678 | 686 | 694 | rVB | 1541941 | 2491644 | 1.90% | 0.513% |
| 14 | 7.287 | 707 | 714 | 728 | rBV | 1861784 | 2834522 | 2.17% | 0.583% |
| 15 | 7.463 | 738 | 744 | 753 | rBV | 449931 | 750669 | 0.57% | 0.154% |
| 16 | 7.552 | 753 | 759 | 773 | rVB | 4239268 | 6516921 | 4.98% | 1.341% |
| 17 | 7.822 | 798 | 805 | 816 | rVB | 7313983 | 11610430 | 8.87% | 2.389% |
| 18 | 7.999 | 816 | 835 | 839 | rBV | 23115671 | 50351830 | 38.47% | 10.359% |
| 19 | 8.034 | 839 | 841 | 853 | rVB | 1856646 | 2241295 | 1.71% | 0.461% |
| 20 | 8.299 | 878 | 886 | 894 | rBV | 11480554 | 19867772 | 15.18% | 4.087% |
| 21 | 8.393 | 895 | 902 | 907 | rVV3 | 364389 | 713807 | 0.55% | 0.147% |
| 22 | 8.457 | 907 | 913 | 921 | rVB2 | 307177 | 518960 | 0.40% | 0.107% |
| 23 | 8.552 | 921 | 929 | 934 | rBV | 685053 | 1137336 | 0.87% | 0.234% |
| 24 | 8.663 | 941 | 948 | 953 | rBV | 335033 | 581866 | 0.44% | 0.120% |
| 25 | 8.716 | 953 | 957 | 967 | rVB3 | 303245 | 603317 | 0.46% | 0.124% |
| 26 | 8.869 | 976 | 983 | 987 | rBV | 514341 | 813599 | 0.62% | 0.167% |
| 27 | 8.922 | 987 | 992 | 998 | rVB | 514665 | 768510 | 0.59% | 0.158% |
| 28 | 9.022 | 1002 | 1009 | 1018 | rVB | 1070752 | 1693210 | 1.29% | 0.348% |
| 29 | 9.110 | 1018 | 1024 | 1027 | rBV | 335180 | 540759 | 0.41% | 0.111% |
| 30 | 9.151 | 1027 | 1031 | 1039 | rVV | 495944 | 888379 | 0.68% | 0.183% |
| 31 | 9.234 | 1039 | 1045 | 1057 | rVB2 | 301281 | 709687 | 0.54% | 0.146% |
| 32 | 9.357 | 1059 | 1066 | 1072 | rBV | 390931 | 627215 | 0.48% | 0.129% |
| 33 | 9.557 | 1093 | 1100 | 1105 | rVV | 685776 | 1120172 | 0.86% | 0.230% |
| 34 | 9.616 | 1105 | 1110 | 1118 | rVB | 1117706 | 1784236 | 1.36% | 0.367% |
| 35 | 9.881 | 1146 | 1155 | 1168 | rVV2 | 628134 | 1656856 | 1.27% | 0.341% |
| 36 | 9.993 | 1168 | 1174 | 1181 | rVV | 499530 | 832817 | 0.64% | 0.171% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

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-BP100423.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.146 | 1193 | 1200 | 1206 | rVV2 | 1096717 | 2115026 | 1.62% | 0.435% |
| 38 | 10.193 | 1206 | 1208 | 1216 | rVV4 | 105624 | 161841 | 0.12% | 0.033% |
| 39 | 10.422 | 1236 | 1247 | 1256 | rBV2 | 534040 | 1395678 | 1.07% | 0.287% |
| 40 | 10.493 | 1256 | 1259 | 1265 | rVB | 103733 | 189186 | 0.14% | 0.039% |
| 41 | 10.657 | 1274 | 1287 | 1302 | rBV2 | 25780191 | 130897214 | 100.00% | 26.929% |
| 42 | 10.816 | 1309 | 1314 | 1317 | rVV | 538170 | 863381 | 0.66% | 0.178% |
| 43 | 10.863 | 1317 | 1322 | 1331 | rVV | 3787977 | 5693057 | 4.35% | 1.171% |
| 44 | 10.969 | 1333 | 1340 | 1353 | rVB2 | 303318 | 612196 | 0.47% | 0.126% |
| 45 | 11.193 | 1363 | 1378 | 1384 | rBV2 | 25427168 | 68543523 | 52.36% | 14.101% |
| 46 | 11.822 | 1474 | 1485 | 1490 | rBV4 | 94932 | 249351 | 0.19% | 0.051% |
| 47 | 12.304 | 1558 | 1567 | 1575 | rBV2 | 156652 | 284914 | 0.22% | 0.059% |
| 48 | 12.445 | 1584 | 1591 | 1597 | rBV | 109204 | 171715 | 0.13% | 0.035% |
| 49 | 12.663 | 1624 | 1628 | 1633 | rVV | 69034 | 134461 | 0.10% | 0.028% |
| 50 | 12.798 | 1640 | 1651 | 1656 | rVV2 | 232515 | 631238 | 0.48% | 0.130% |
| 51 | 12.851 | 1656 | 1660 | 1672 | rVB | 803480 | 1167478 | 0.89% | 0.240% |
| 52 | 13.134 | 1702 | 1708 | 1717 | rVB | 457714 | 719215 | 0.55% | 0.148% |
| 53 | 13.269 | 1725 | 1731 | 1739 | rBV | 276715 | 431311 | 0.33% | 0.089% |
| 54 | 13.410 | 1750 | 1755 | 1760 | rBV | 177975 | 264633 | 0.20% | 0.054% |
| 55 | 13.463 | 1760 | 1764 | 1771 | rVB2 | 361681 | 540723 | 0.41% | 0.111% |
| 56 | 14.051 | 1858 | 1864 | 1869 | rVV | 1179635 | 1556841 | 1.19% | 0.320% |
| 57 | 14.334 | 1906 | 1912 | 1918 | rVB | 1268992 | 1857446 | 1.42% | 0.382% |
| 58 | 14.634 | 1957 | 1963 | 1970 | rVB | 641954 | 908193 | 0.69% | 0.187% |
| 59 | 14.886 | 2002 | 2006 | 2016 | rVV | 83487 | 155504 | 0.12% | 0.032% |
| 60 | 15.028 | 2026 | 2030 | 2039 | rVB2 | 161582 | 229785 | 0.18% | 0.047% |
| 61 | 15.139 | 2045 | 2049 | 2059 | rVB | 228419 | 334346 | 0.26% | 0.069% |
| 62 | 15.639 | 2128 | 2134 | 2140 | rVB | 1678877 | 2444015 | 1.87% | 0.503% |
| 63 | 15.775 | 2152 | 2157 | 2165 | rBV | 440392 | 643066 | 0.49% | 0.132% |
| 64 | 17.422 | 2432 | 2437 | 2448 | rVB | 781738 | 1108947 | 0.85% | 0.228% |
| 65 | 17.522 | 2448 | 2454 | 2462 | rBV | 1862026 | 2593403 | 1.98% | 0.534% |
| 66 | 17.875 | 2506 | 2514 | 2523 | rVB2 | 75694 | 159474 | 0.12% | 0.033% |
| 67 | 18.269 | 2577 | 2581 | 2593 | rBV | 594696 | 878065 | 0.67% | 0.181% |
| 68 | 18.980 | 2697 | 2702 | 2708 | rBV | 381000 | 502352 | 0.38% | 0.103% |
| 69 | 19.516 | 2789 | 2793 | 2800 | rBV3 | 196432 | 281912 | 0.22% | 0.058% |
| 70 | 19.774 | 2832 | 2837 | 2842 | rBV | 2598600 | 3225120 | 2.46% | 0.664% |
| 71 | 20.939 | 3031 | 3035 | 3040 | rBV | 546970 | 640632 | 0.49% | 0.132% |
| 72 | 21.210 | 3077 | 3081 | 3091 | rBV | 637215 | 930437 | 0.71% | 0.191% |
| 73 | 21.557 | 3135 | 3140 | 3145 | rBV | 1027855 | 1307295 | 1.00% | 0.269% |
| 74 | 22.686 | 3328 | 3332 | 3344 | rVB | 467392 | 715549 | 0.55% | 0.147% |
| 75 | 22.810 | 3349 | 3353 | 3361 | rVB | 225921 | 317451 | 0.24% | 0.065% |
| 76 | 23.962 | 3542 | 3549 | 3559 | rVB2 | 1728420 | 3644883 | 2.78% | 0.750% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

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-BP100423.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 24.133 | 3572 | 3578 | 3589 | rVB | 669202 | 1430346 | 1.09% | 0.294% |

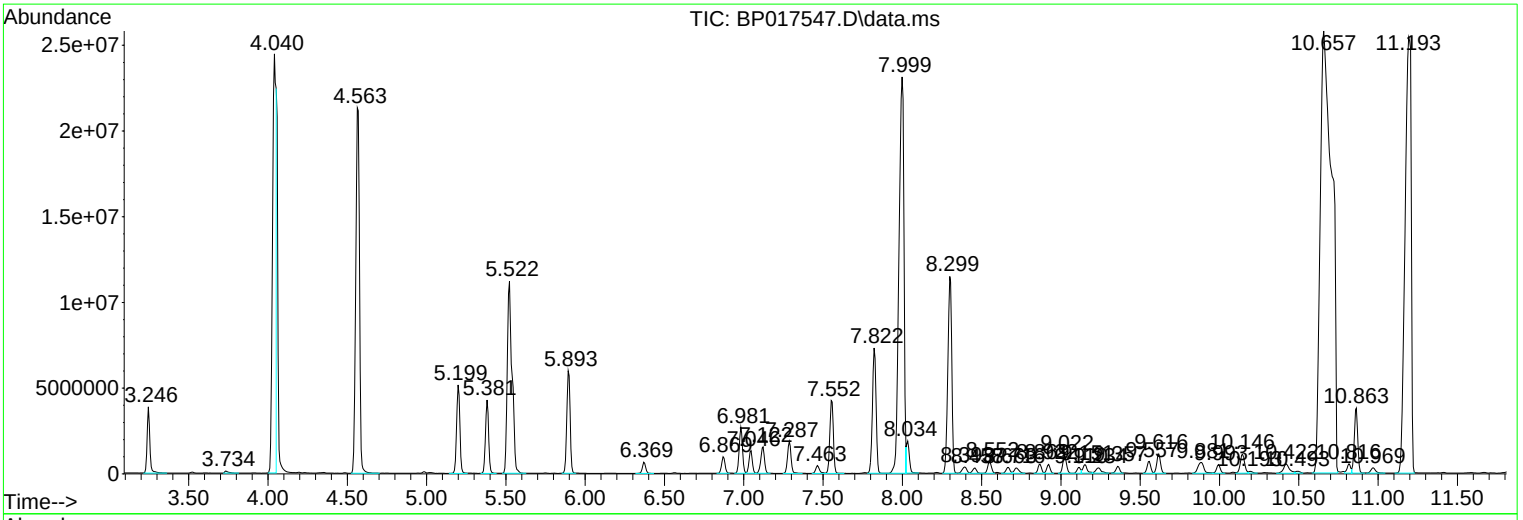
Sum of corrected areas: 486076691

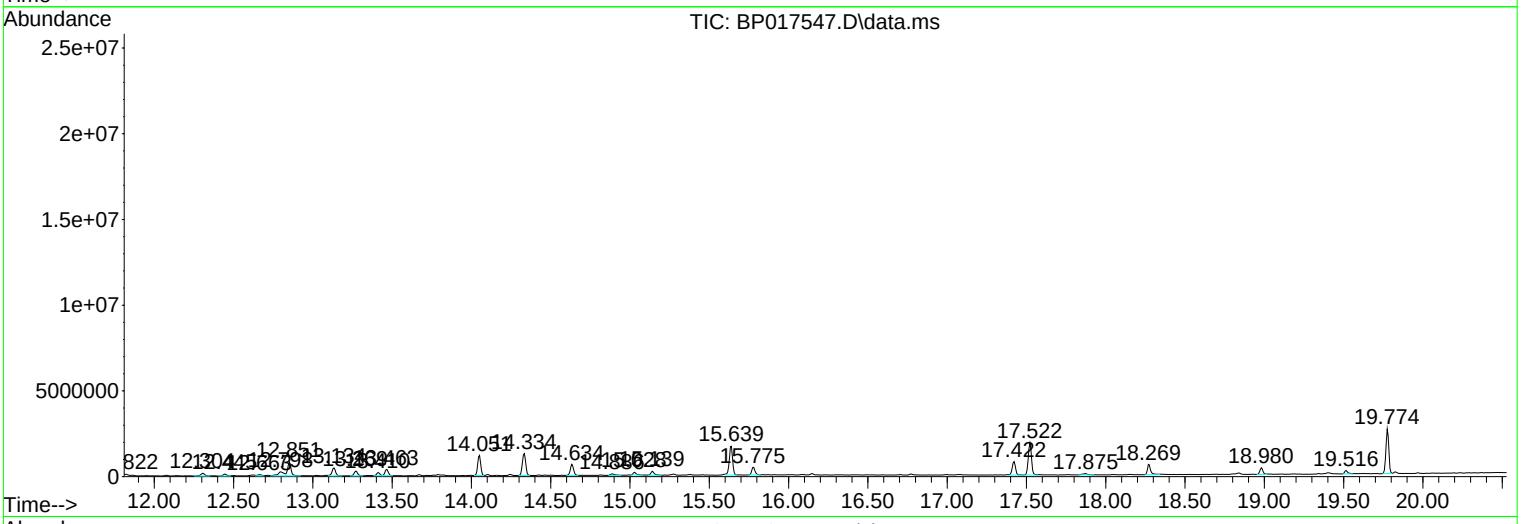
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

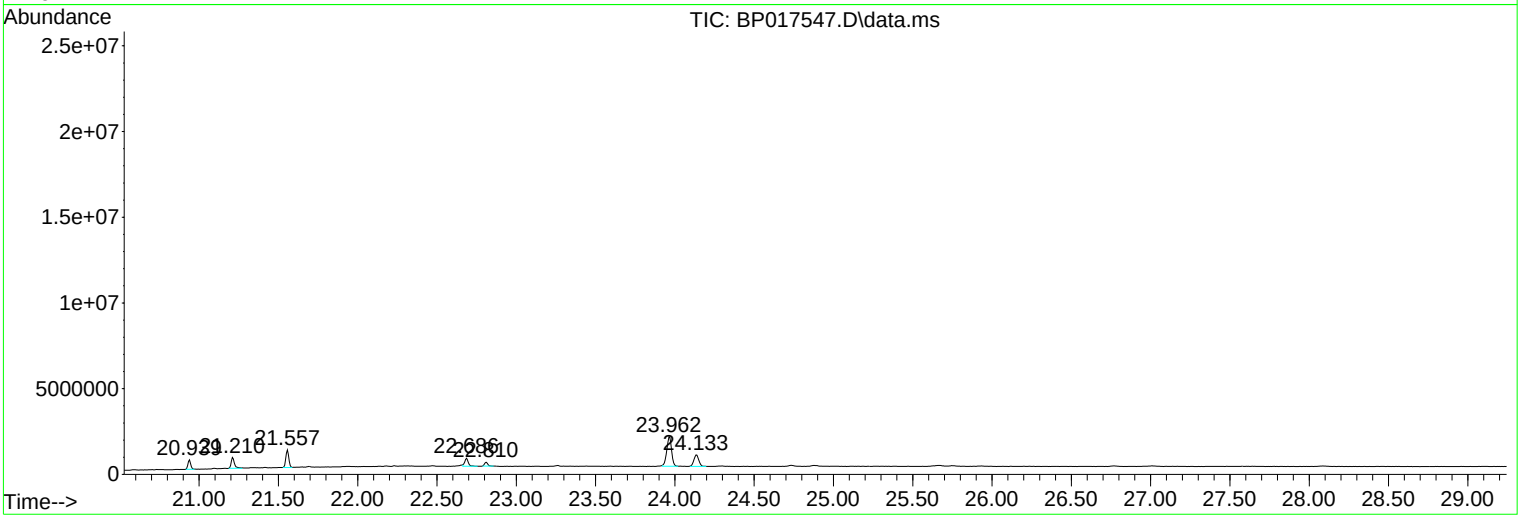
**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.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\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

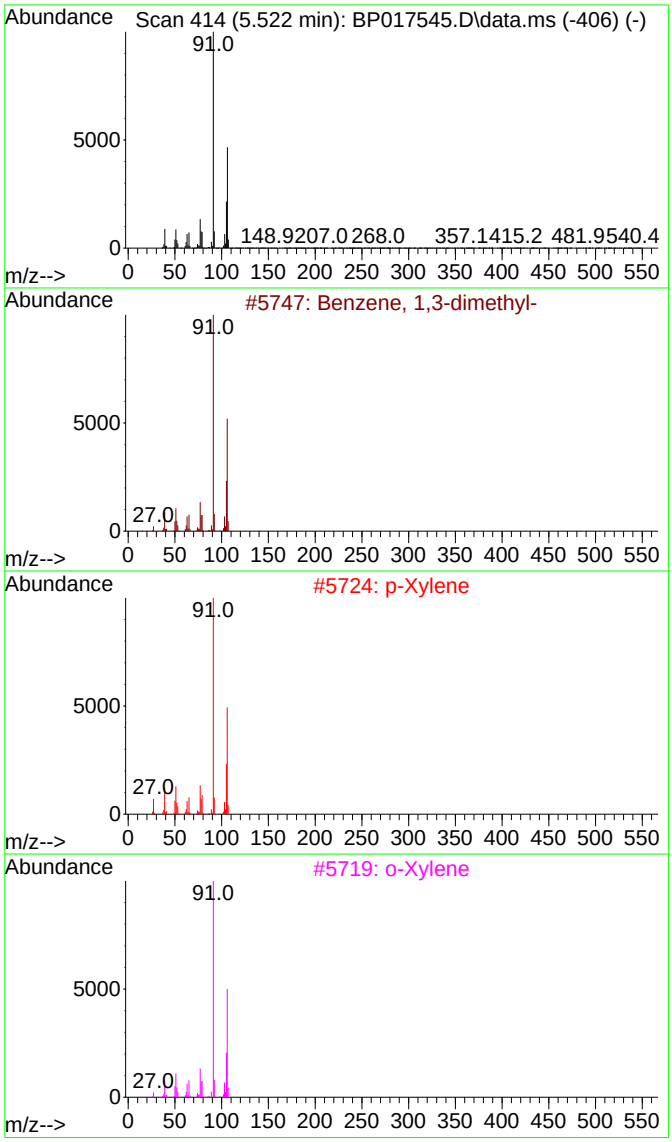
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

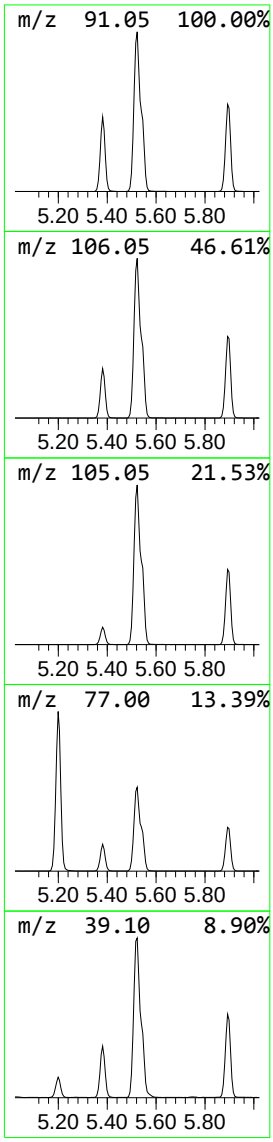
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.522 | 9.22 ng/ul | 23215900 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 3 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 4 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

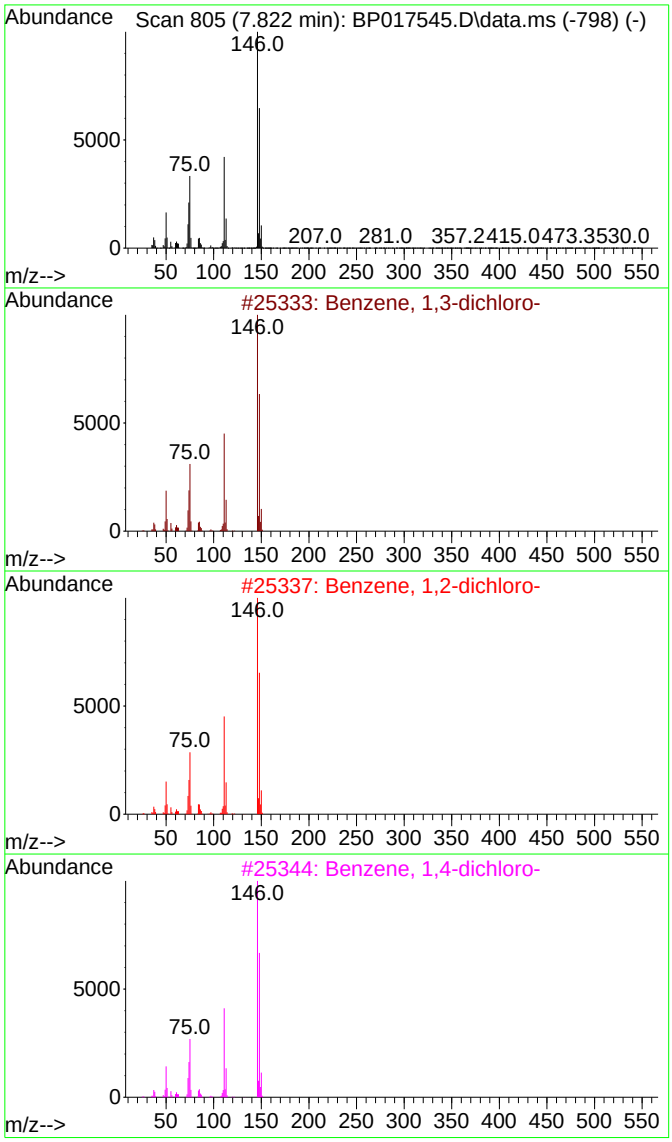
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

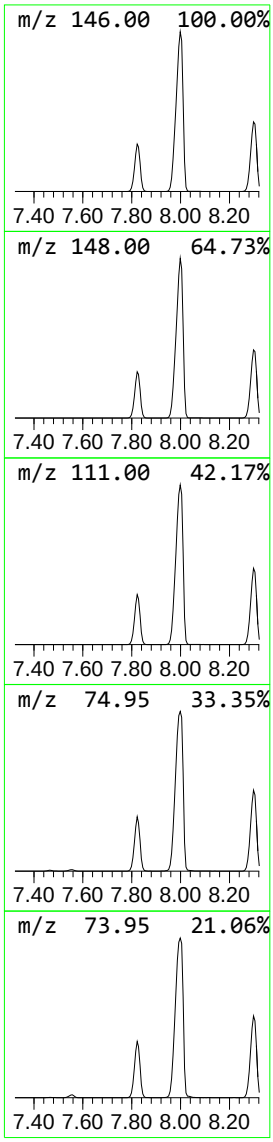
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,3-dichloro- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.822 | 4.61 ng/ul | 11610400 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 98 |
| 2 | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 98 |
| 3 | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 98 |
| 4 | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97 |
| 5 | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

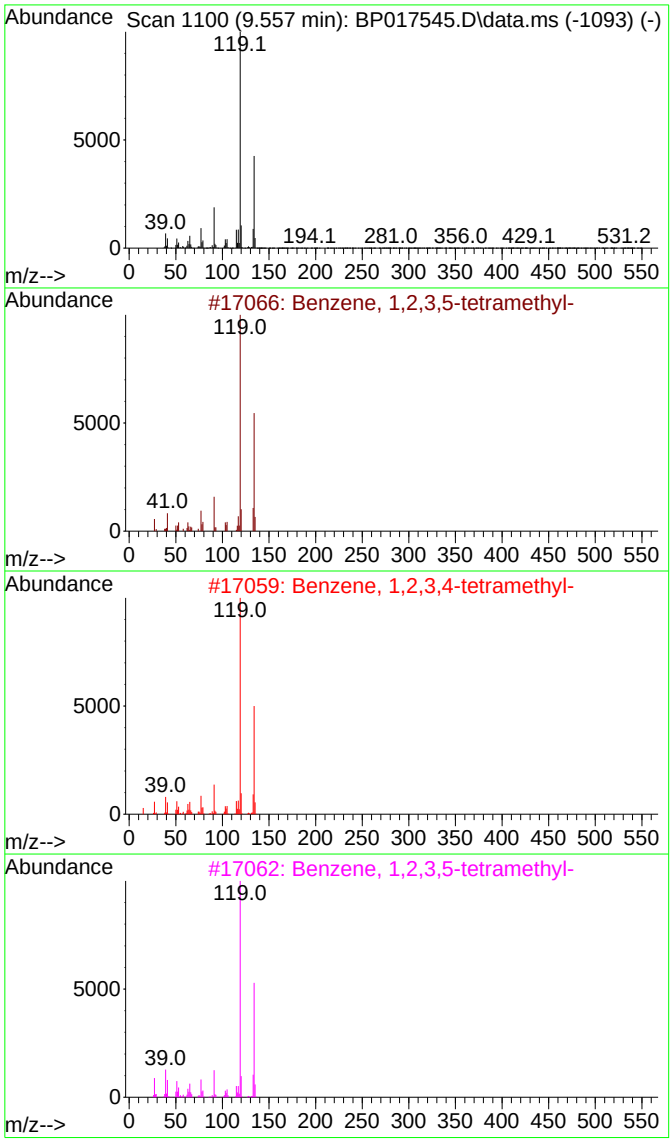
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

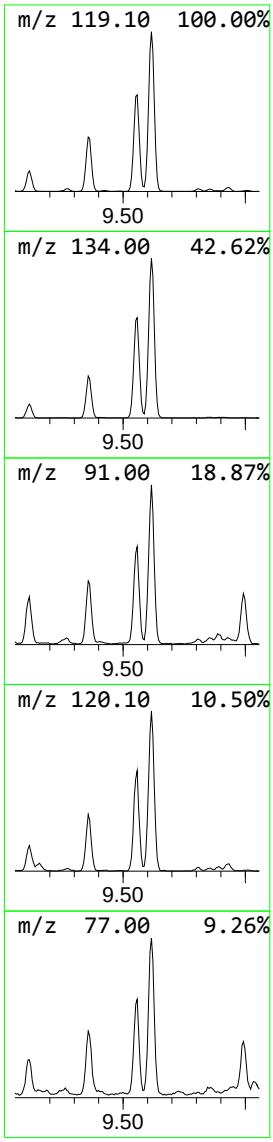
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.557 | 25.95 ng/ul | 1120170 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

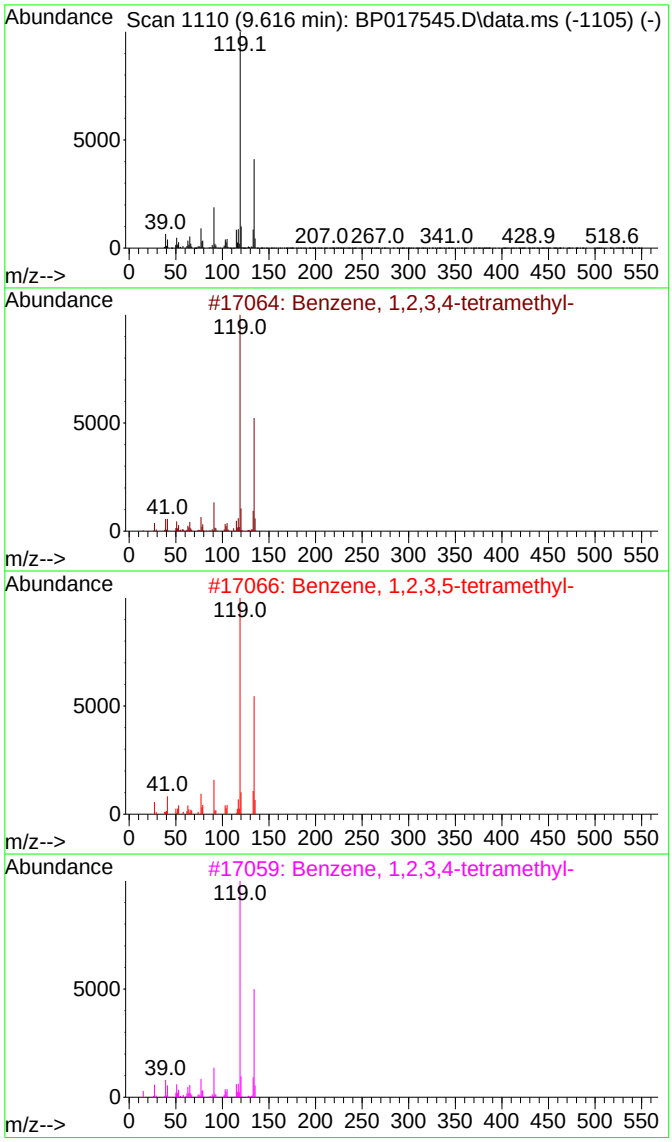
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

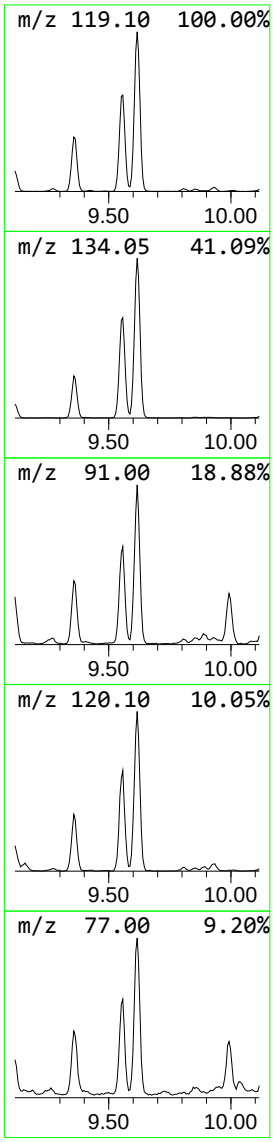
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.616 | 41.33 ng/ul | 1784240 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 96 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

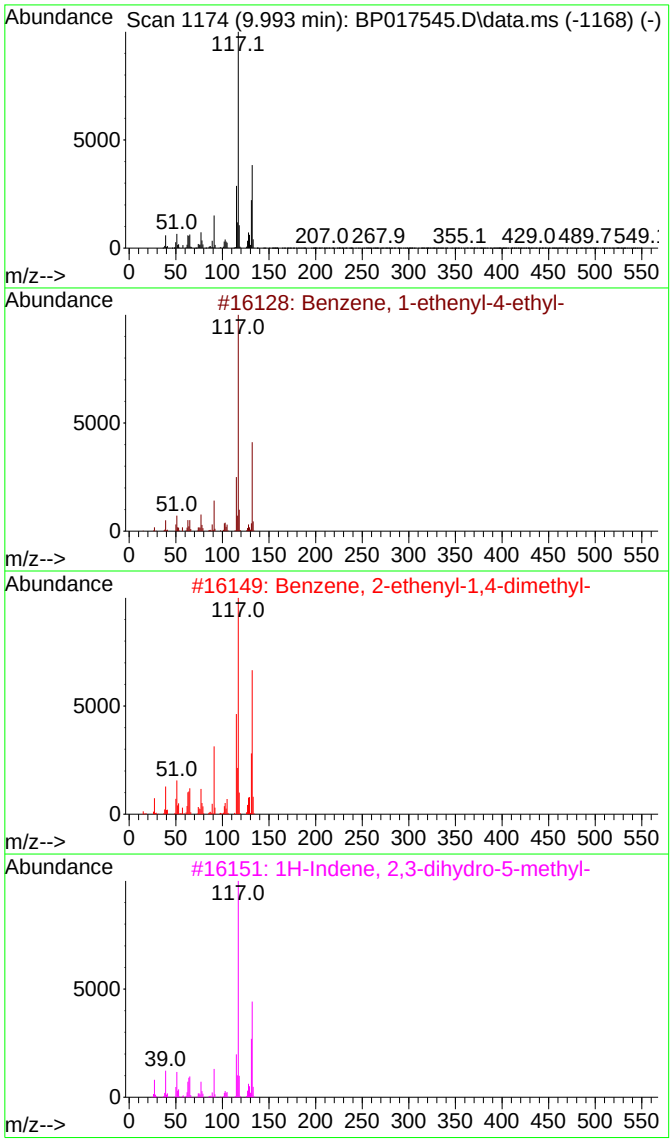
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

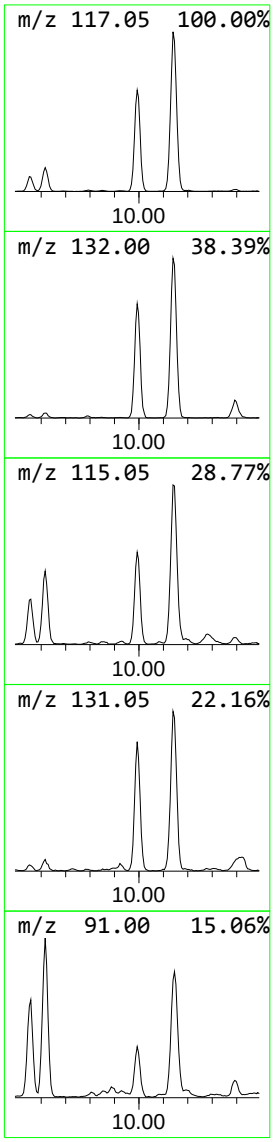
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.993 | 19.29 ng/ul | 832817 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 93 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 91 |
| 5 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

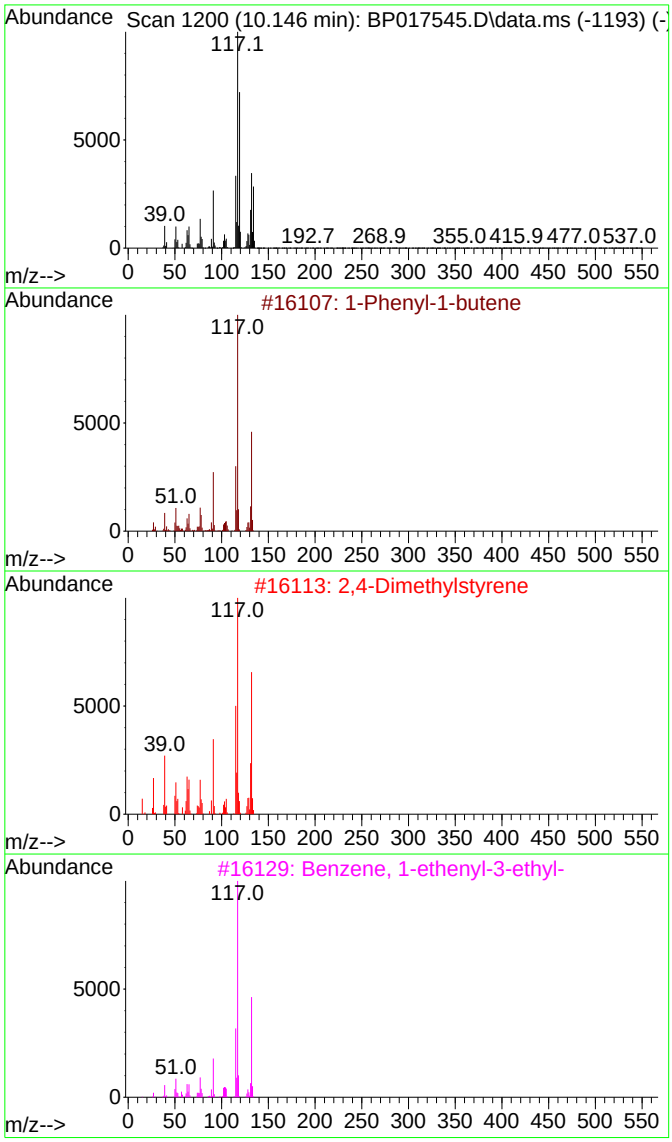
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

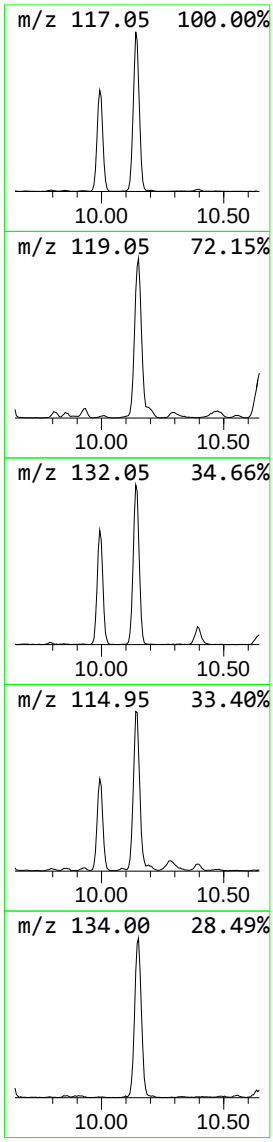
**********

Peak Number 14 1-Phenyl-1-butene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.146 | 48.99 ng/ul | 2115030 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 95 |
| 2 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 95 |
| 3 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 91 |
| 4 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 90 |
| 5 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

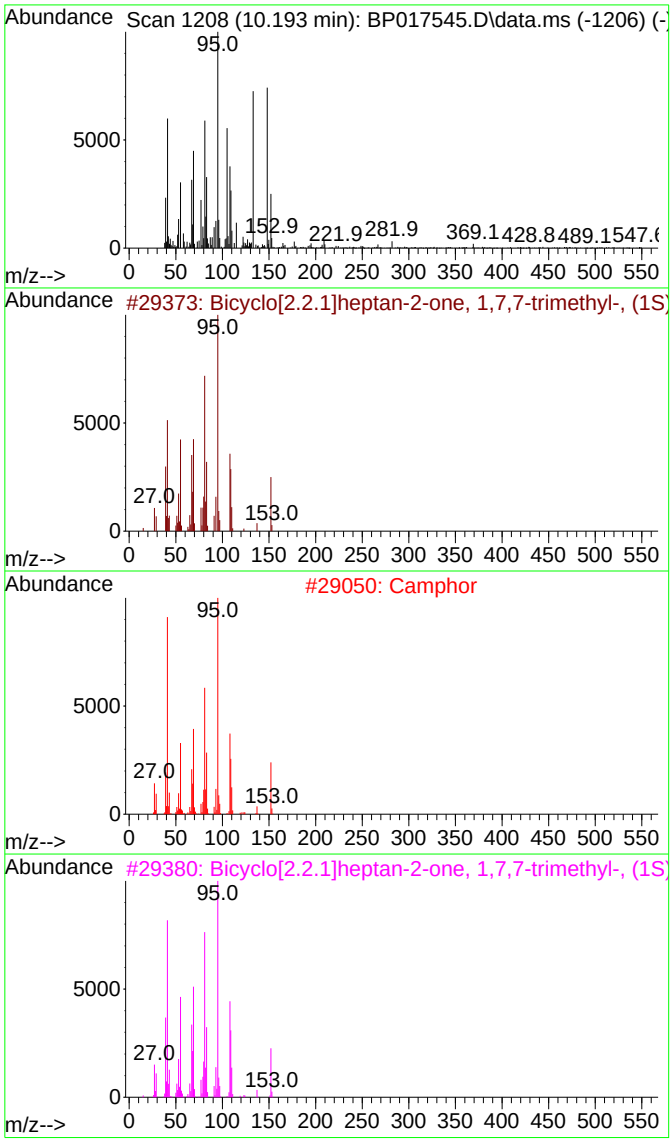
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

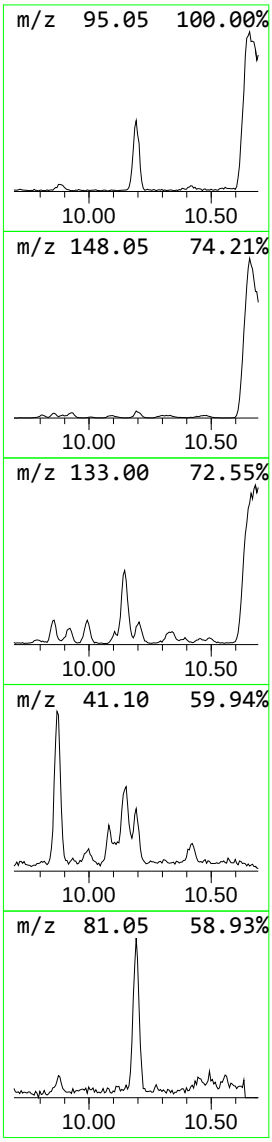
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.193 | 3.75 ng/ul | 161841 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 87 |
| 2 | Camphor | 152 | C10H16O | 000076-22-2 | 64 |
| 3 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 64 |
| 4 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 50 |
| 5 | Camphor | 152 | C10H16O | 000076-22-2 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

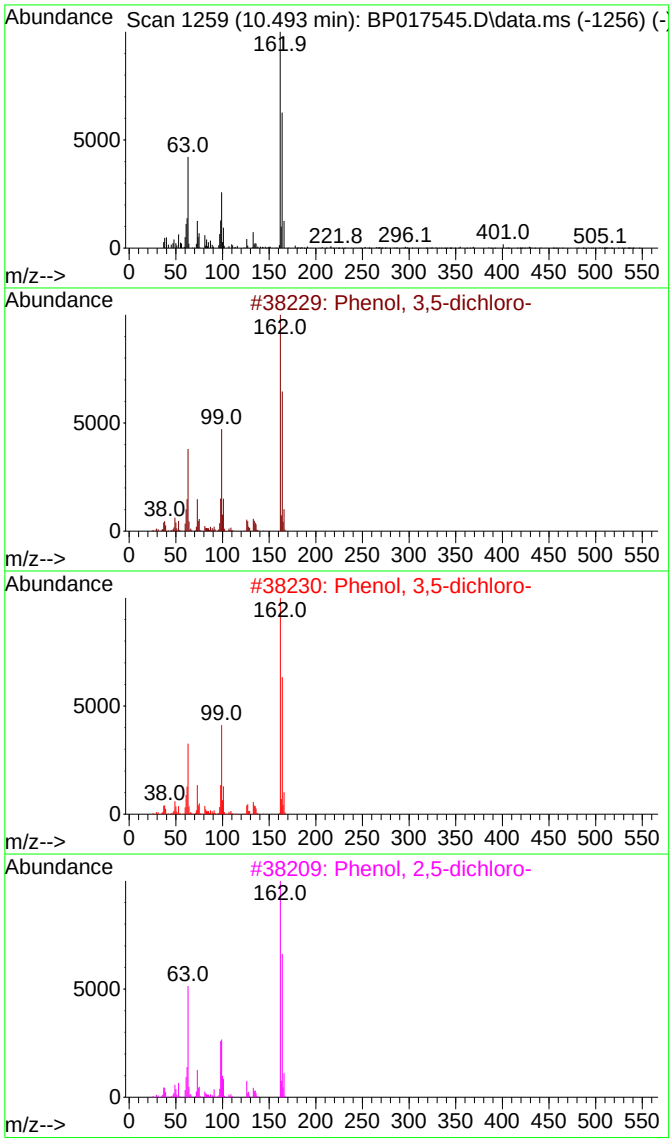
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

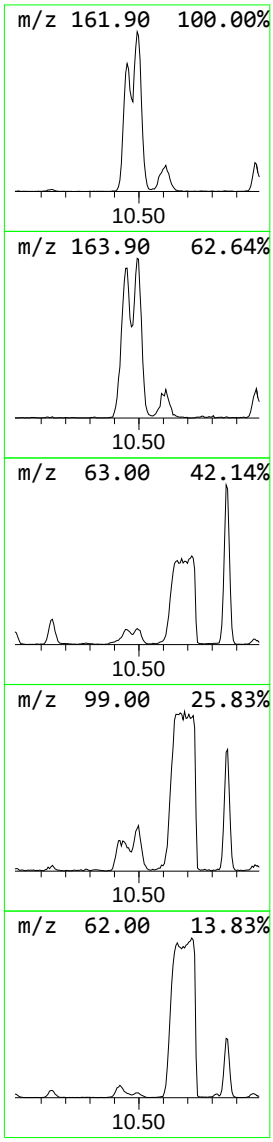
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Phenol, 3,5-dichloro- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.493 | 4.38 ng/ul | 189186 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 95 |
| 2 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 94 |
| 3 | Phenol, 2,5-dichloro- | 162 | C6H4Cl2O | 000583-78-8 | 94 |
| 4 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 91 |
| 5 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

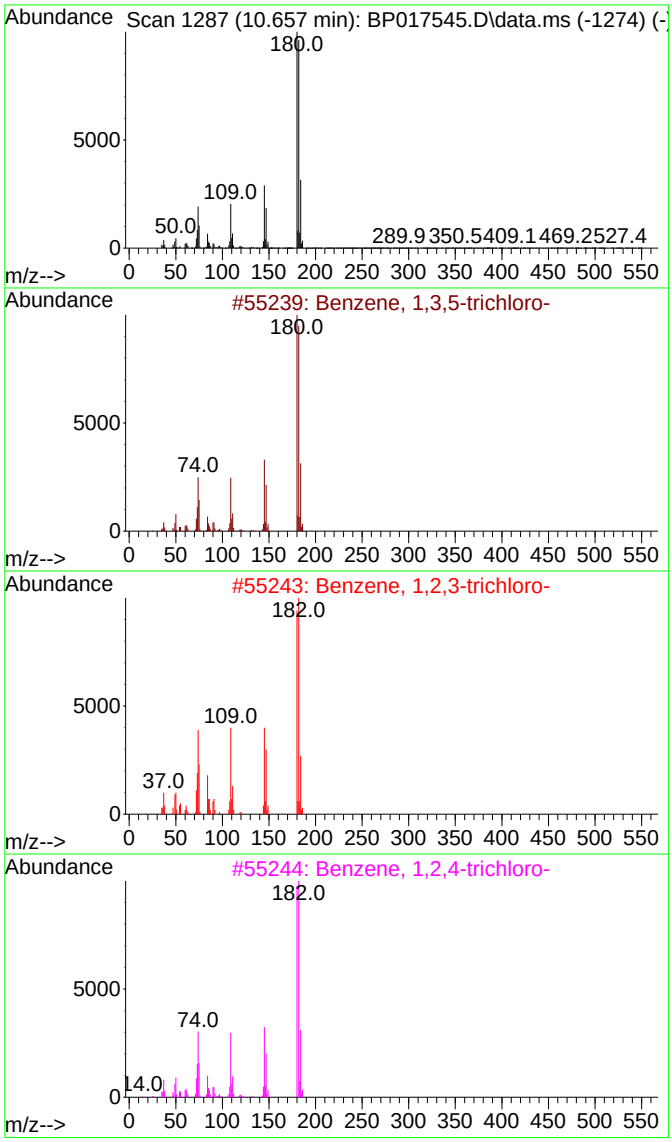
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

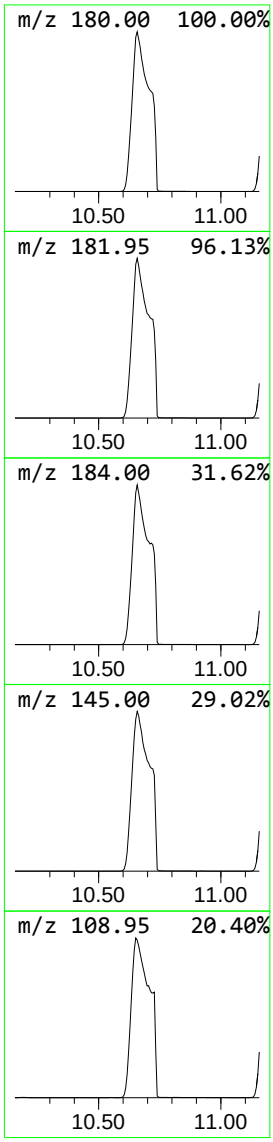
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 1,3,5-trichloro- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.657 | 3032.20 ng/ul | 130897000 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98 |
| 2 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 97 |
| 3 | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97 |
| 4 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 97 |
| 5 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 96 |



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Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

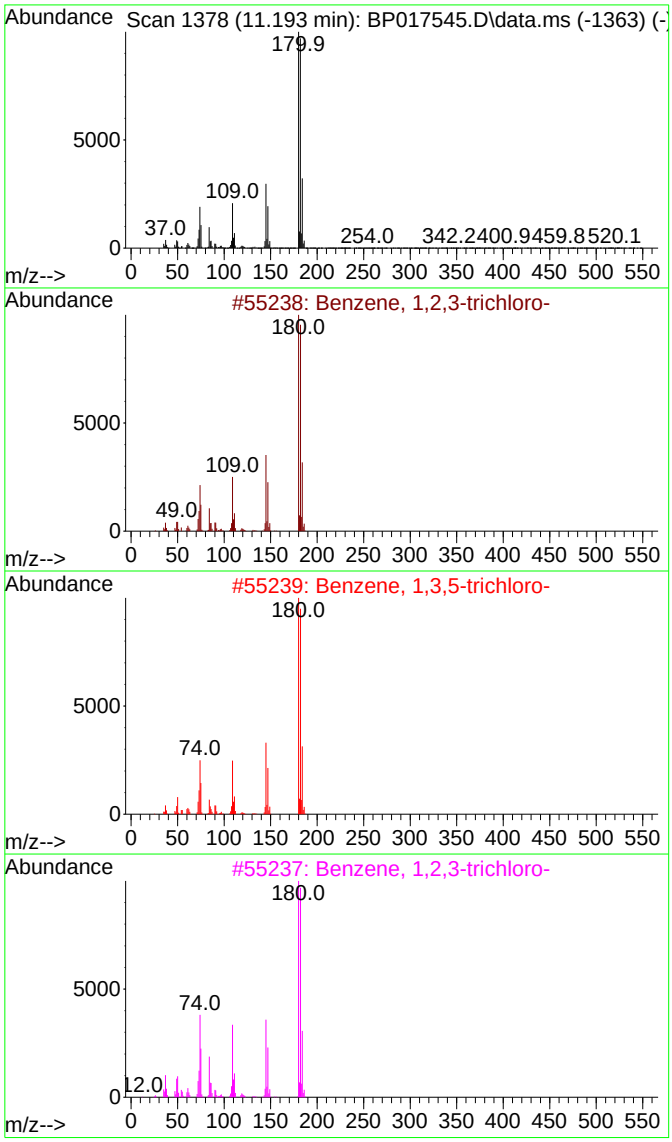
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

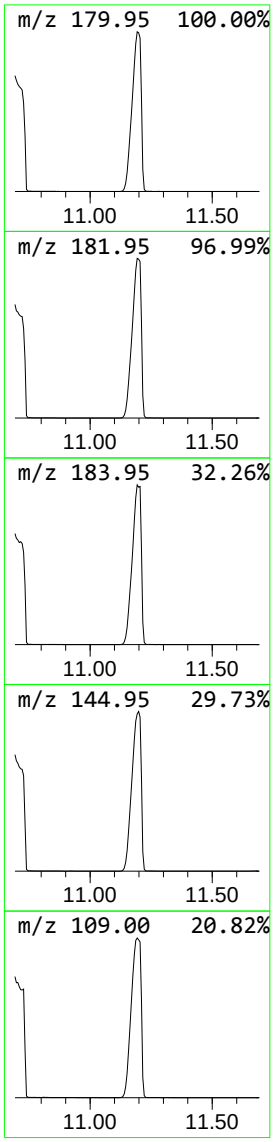
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Benzene, 1,2,3-trichloro- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.193 | 1587.79 ng/ul | 68543500 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 99 |
| 2 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98 |
| 3 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 97 |
| 4 | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97 |
| 5 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

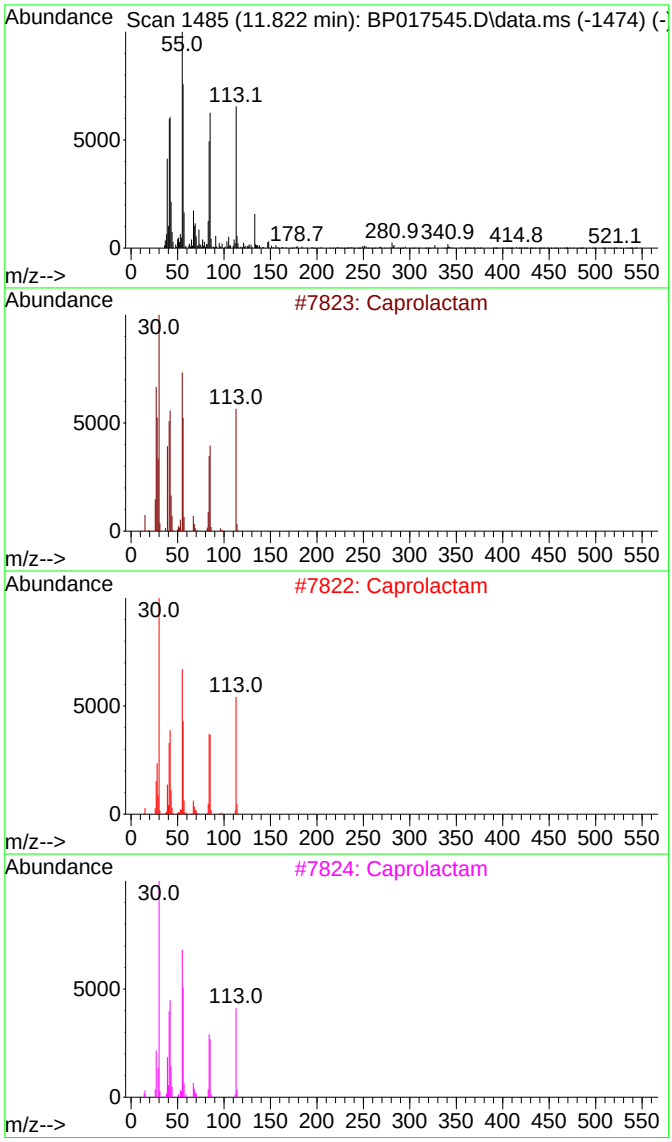
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

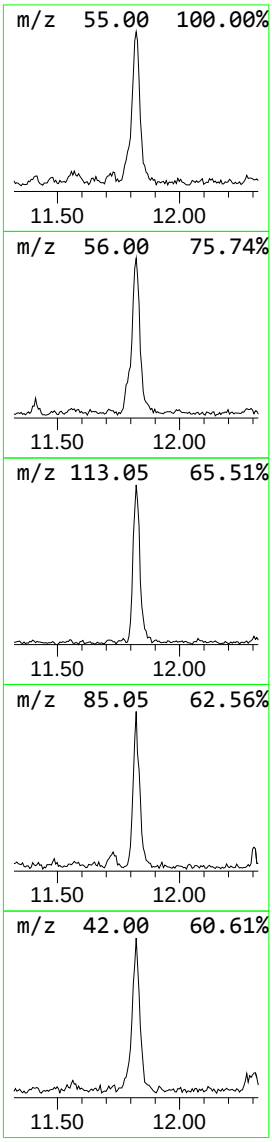
**********

Peak Number 19 Capro lactam Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.822 | 5.78 ng/ul | 249351 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Caprolactam | 113 | C6H11NO | 000105-60-2 | 91 |
| 2 | Caprolactam | 113 | C6H11NO | 000105-60-2 | 81 |
| 3 | Caprolactam | 113 | C6H11NO | 000105-60-2 | 76 |
| 4 | Caprolactam | 113 | C6H11NO | 000105-60-2 | 76 |
| 5 | Caprolactam | 113 | C6H11NO | 000105-60-2 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

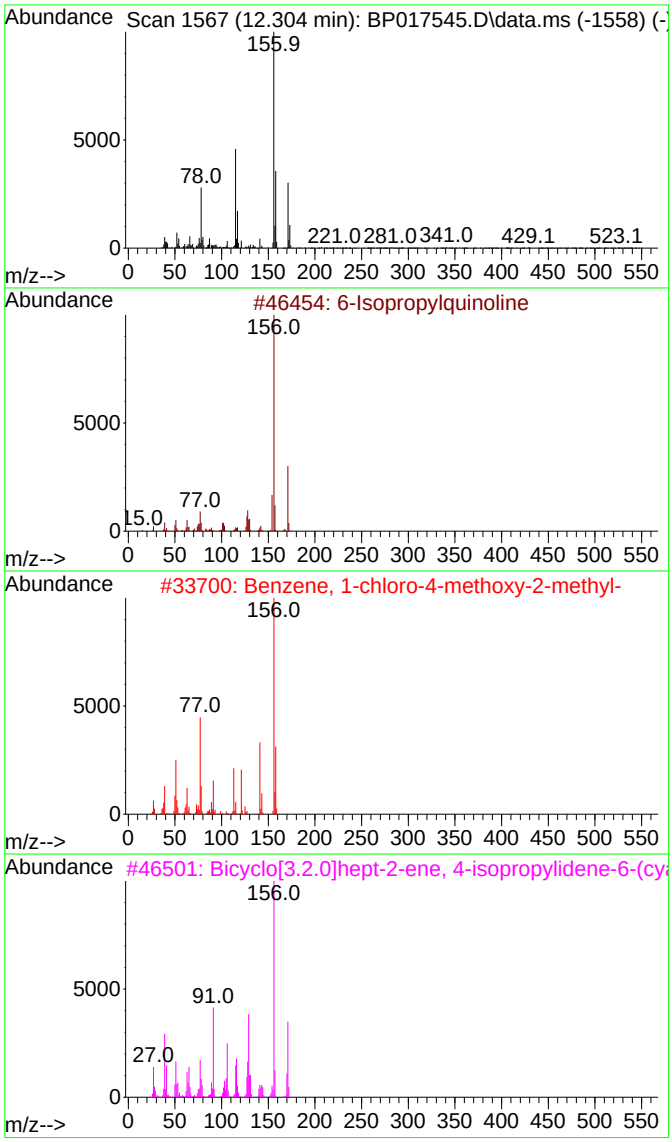
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

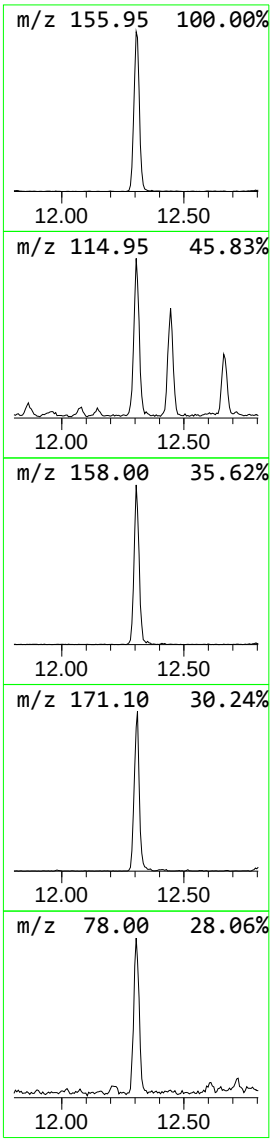
**********

Peak Number 20 unknown-01 Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.304 | 6.60 ng/ul | 284914 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Isopropylquinoline | 171 | C12H13N | 000135-79-5 | 43 |
| 2 | Benzene, 1-chloro-4-methoxy-2-me... | 156 | C8H9ClO | 013334-71-9 | 43 |
| 3 | Bicyclo[3.2.0]hept-2-ene, 4-isop... | 171 | C12H13N | 1000217-15-6 | 32 |
| 4 | Benzene, 2,5-cyclohexadien-1-yl- | 156 | C12H12 | 004794-05-2 | 28 |
| 5 | d-Proline, n-propoxycarbonyl-, d... | 341 | C19H35NO4 | 1000320-82-7 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

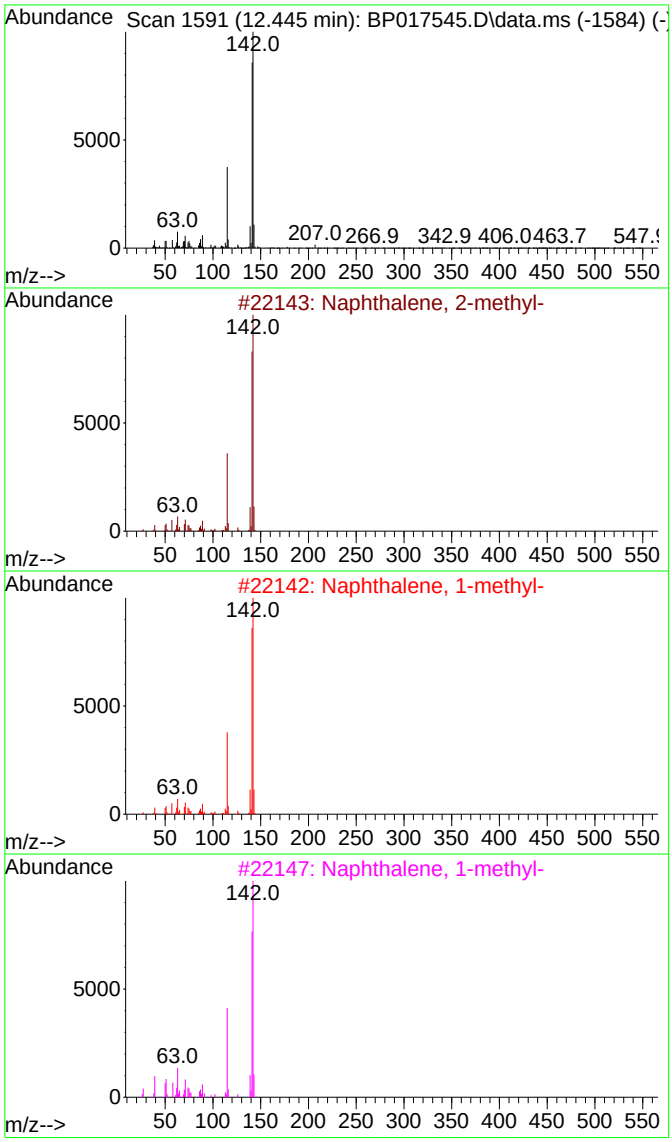
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

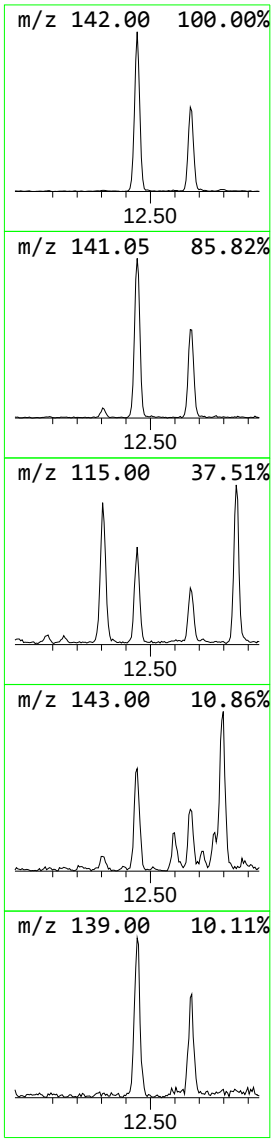
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Naphthalene, 2-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.445 | 3.98 ng/ul | 171715 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 97 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 97 |
| 3 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 4 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 91 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

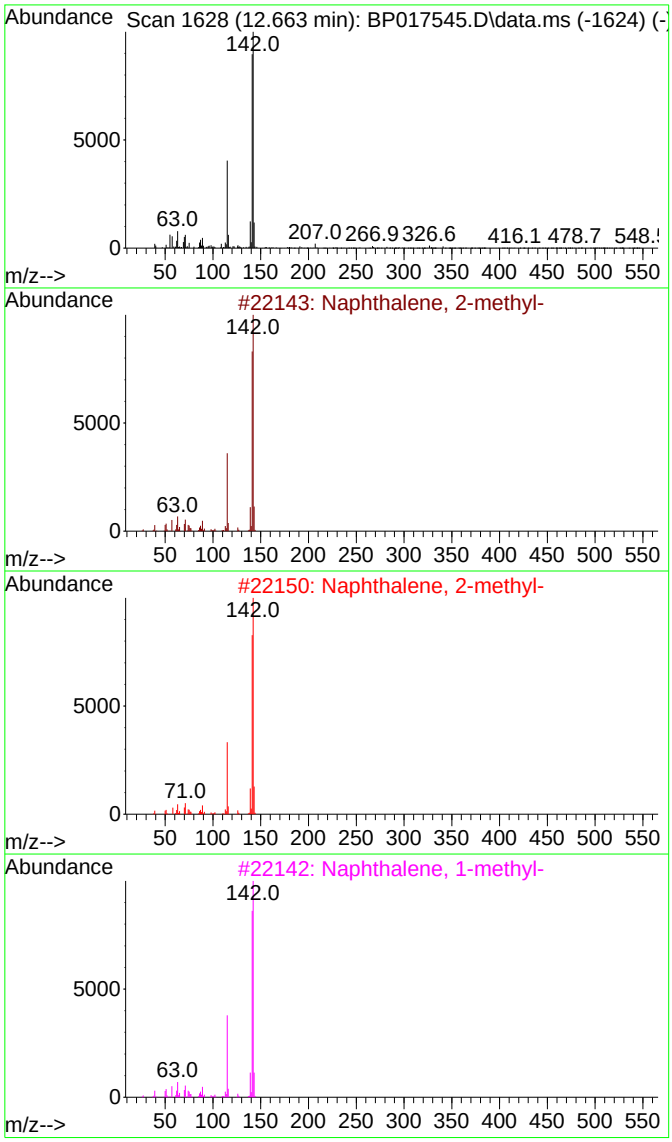
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

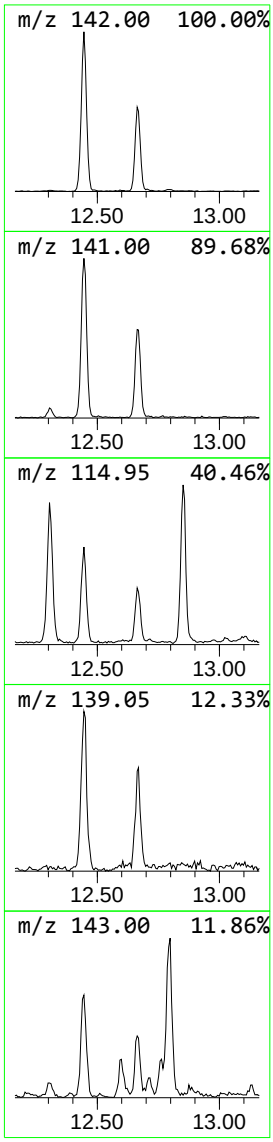
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.663 | 3.11 ng/ul | 134461 | Naphthalene-d8 | 10.816 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 97 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 97 |
| 3 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 97 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

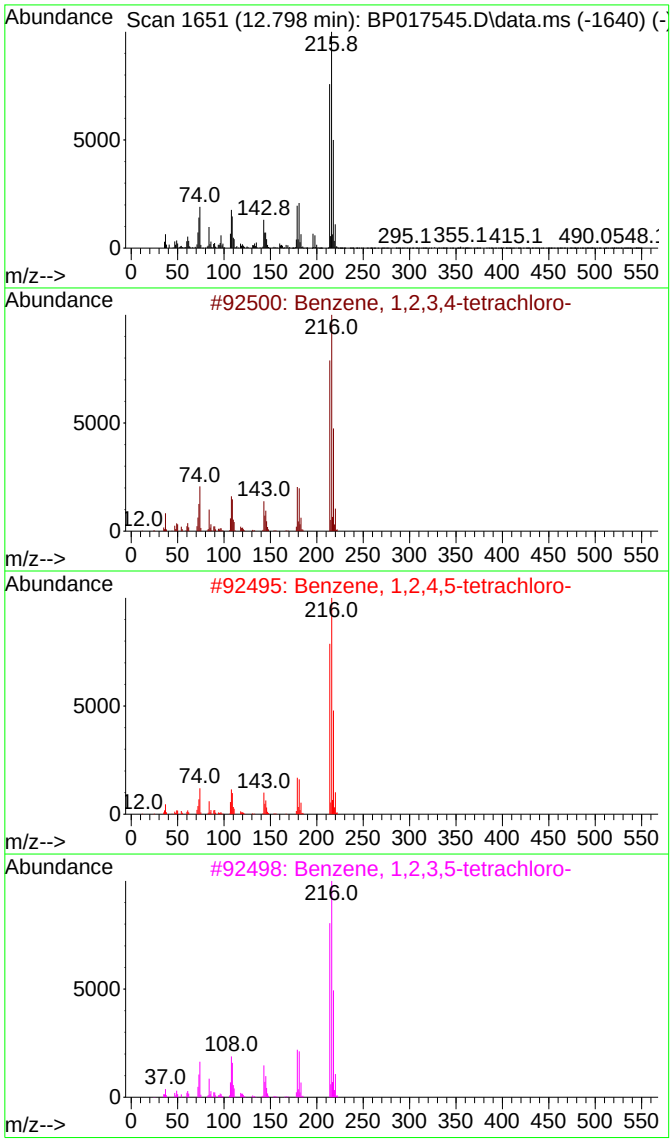
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

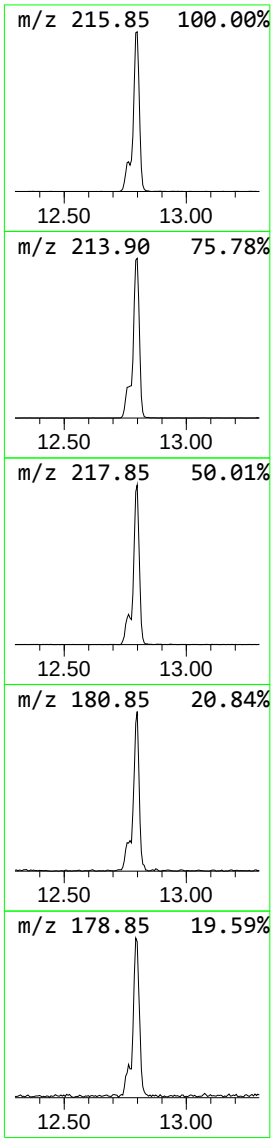
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzene, 1,2,4,5-tetrachloro- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.798 | 13.90 ng/ul | 631238 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 99 |
| 2 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99 |
| 3 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 99 |
| 4 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99 |
| 5 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

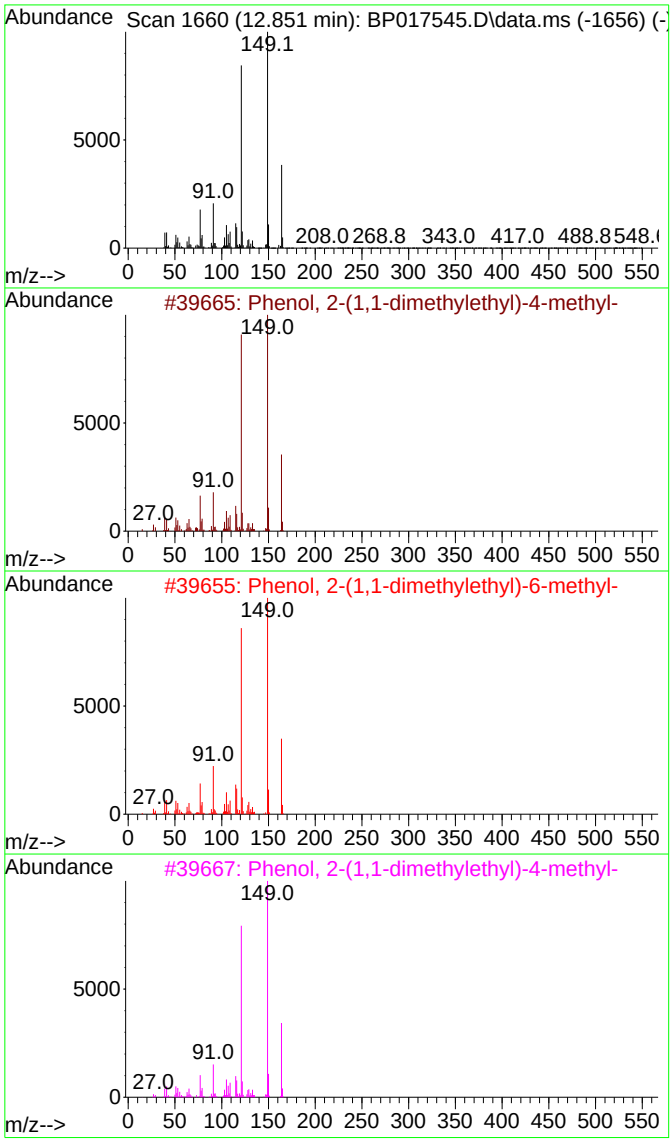
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

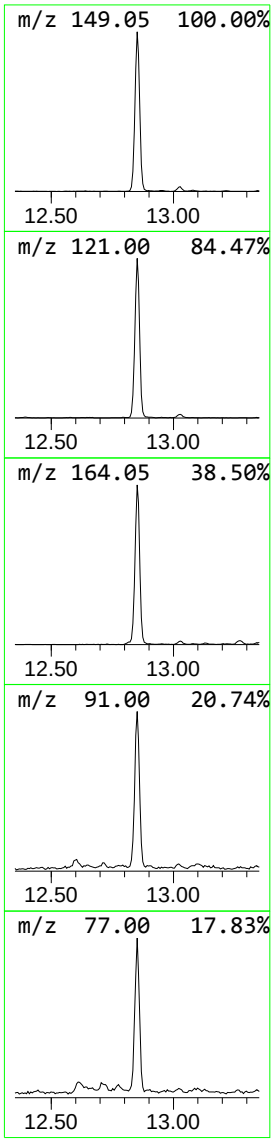
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Phenol, 2-(1,1-dimethylethy... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.851 | 25.71 ng/ul | 1167480 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-(1,1-dimethylethyl)-4-... | 164 | C11H16O | 002409-55-4 | 97 |
| 2 | Phenol, 2-(1,1-dimethylethyl)-6-... | 164 | C11H16O | 002219-82-1 | 97 |
| 3 | Phenol, 2-(1,1-dimethylethyl)-4-... | 164 | C11H16O | 002409-55-4 | 96 |
| 4 | Phenol, 2-(1,1-dimethylethyl)-5-... | 164 | C11H16O | 000088-60-8 | 95 |
| 5 | Phenol, 2-(1,1-dimethylethyl)-5-... | 164 | C11H16O | 000088-60-8 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

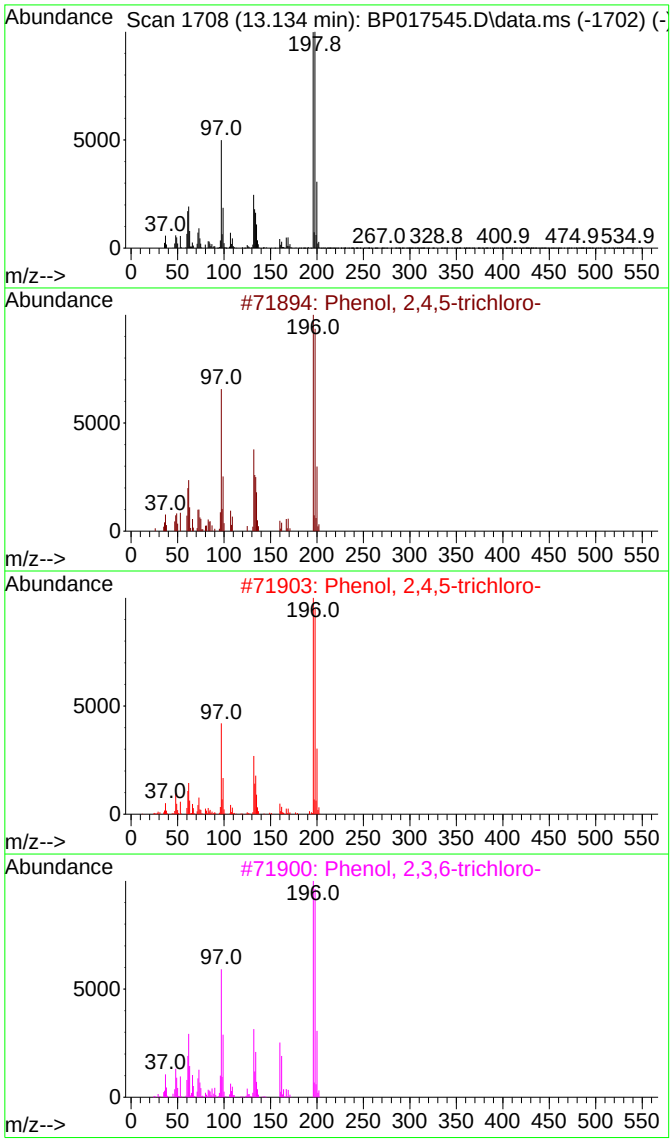
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

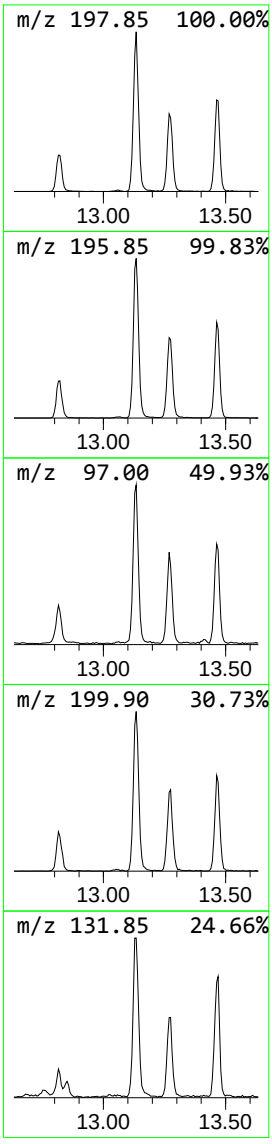
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Phenol, 2,4,5-trichloro- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.134 | 15.84 ng/ul | 719215 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,5-trichloro- | 196 | C6H3Cl3O | 000095-95-4 | 95 |
| 2 | Phenol, 2,4,5-trichloro- | 196 | C6H3Cl3O | 000095-95-4 | 95 |
| 3 | Phenol, 2,3,6-trichloro- | 196 | C6H3Cl3O | 000933-75-5 | 94 |
| 4 | Phenol, 2,3,4-trichloro- | 196 | C6H3Cl3O | 015950-66-0 | 91 |
| 5 | Phenol, 2,3,6-trichloro- | 196 | C6H3Cl3O | 000933-75-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

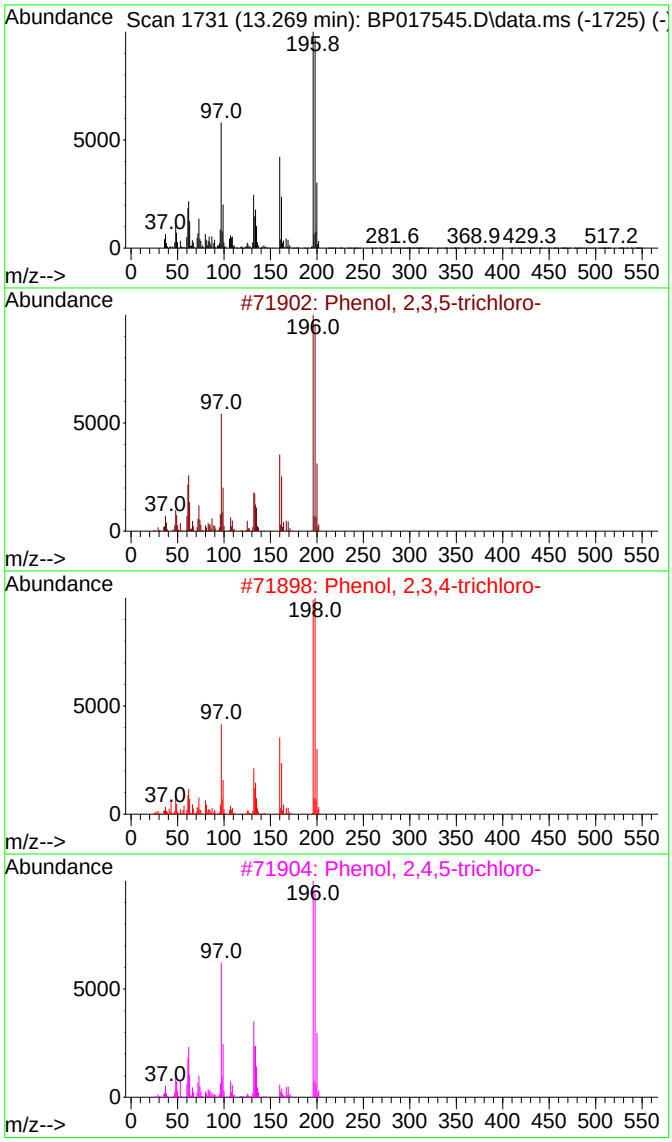
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

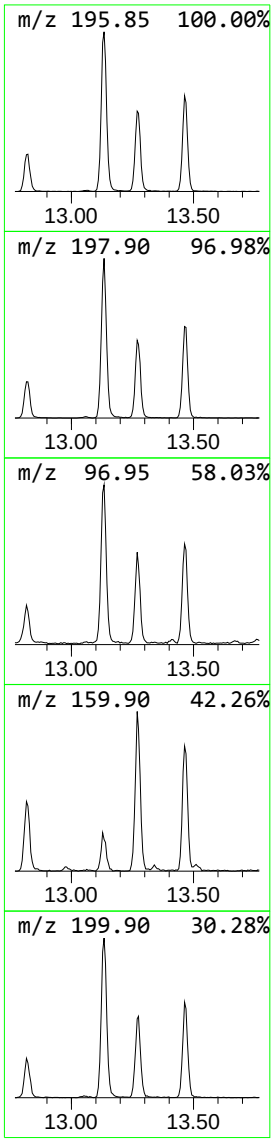
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Phenol, 2,3,5-trichloro- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.269 | 9.50 ng/ul | 431311 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,5-trichloro- | 196 | C6H3Cl3O | 000933-78-8 | 99 |
| 2 | Phenol, 2,3,4-trichloro- | 196 | C6H3Cl3O | 015950-66-0 | 99 |
| 3 | Phenol, 2,4,5-trichloro- | 196 | C6H3Cl3O | 000095-95-4 | 99 |
| 4 | Phenol, 2,3,5-trichloro- | 196 | C6H3Cl3O | 000933-78-8 | 99 |
| 5 | Phenol, 2,3,4-trichloro- | 196 | C6H3Cl3O | 015950-66-0 | 98 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

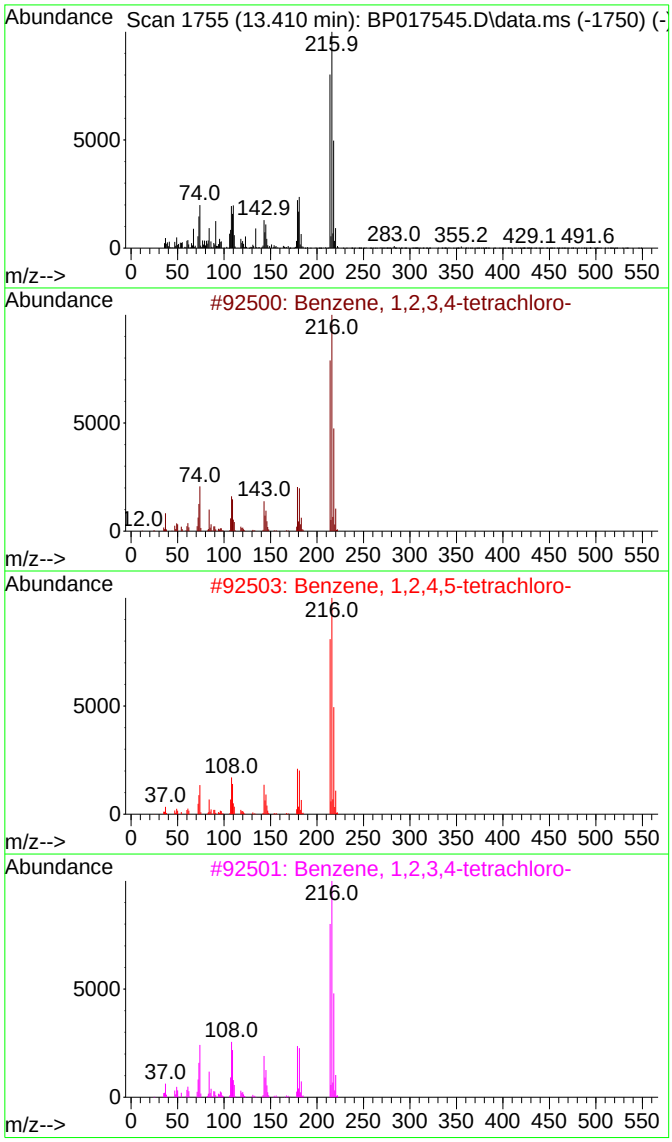
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

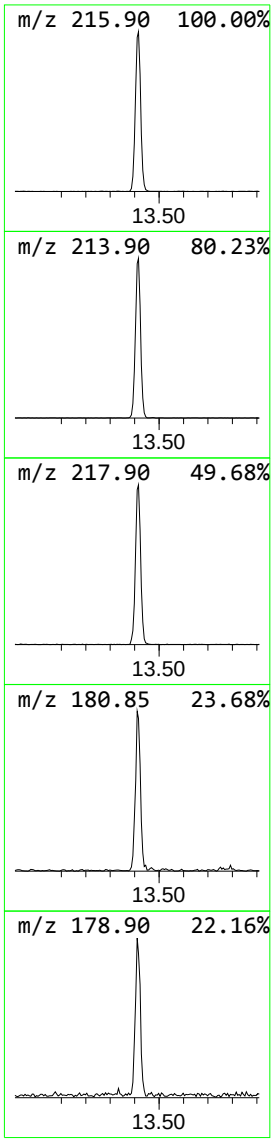
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.410 | 5.83 ng/ul | 264633 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 99 |
| 2 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99 |
| 3 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 99 |
| 4 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 98 |
| 5 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 98 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

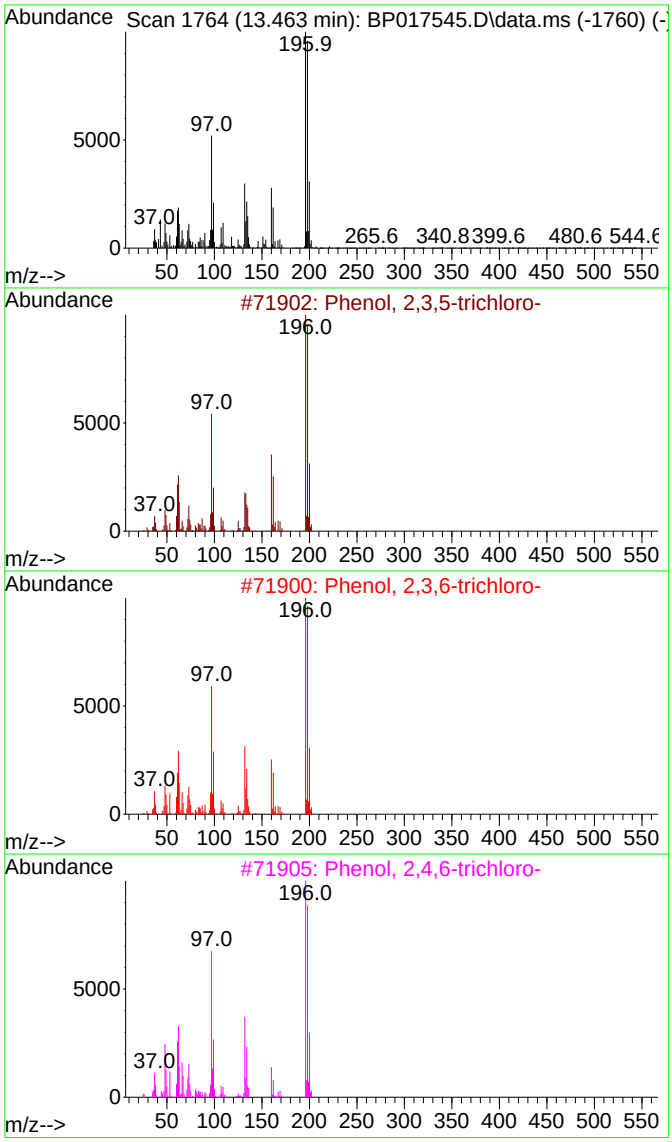
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

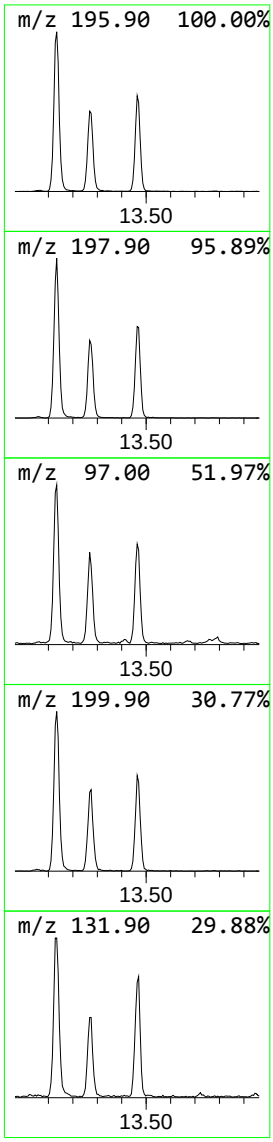
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Phenol, 2,3,6-trichloro- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.463 | 11.91 ng/ul | 540723 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,5-trichloro- | 196 | C6H3Cl3O | 000933-78-8 | 99 |
| 2 | Phenol, 2,3,6-trichloro- | 196 | C6H3Cl3O | 000933-75-5 | 99 |
| 3 | Phenol, 2,4,6-trichloro- | 196 | C6H3Cl3O | 000088-06-2 | 98 |
| 4 | Phenol, 2,3,5-trichloro- | 196 | C6H3Cl3O | 000933-78-8 | 97 |
| 5 | Phenol, 2,4,6-trichloro- | 196 | C6H3Cl3O | 000088-06-2 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

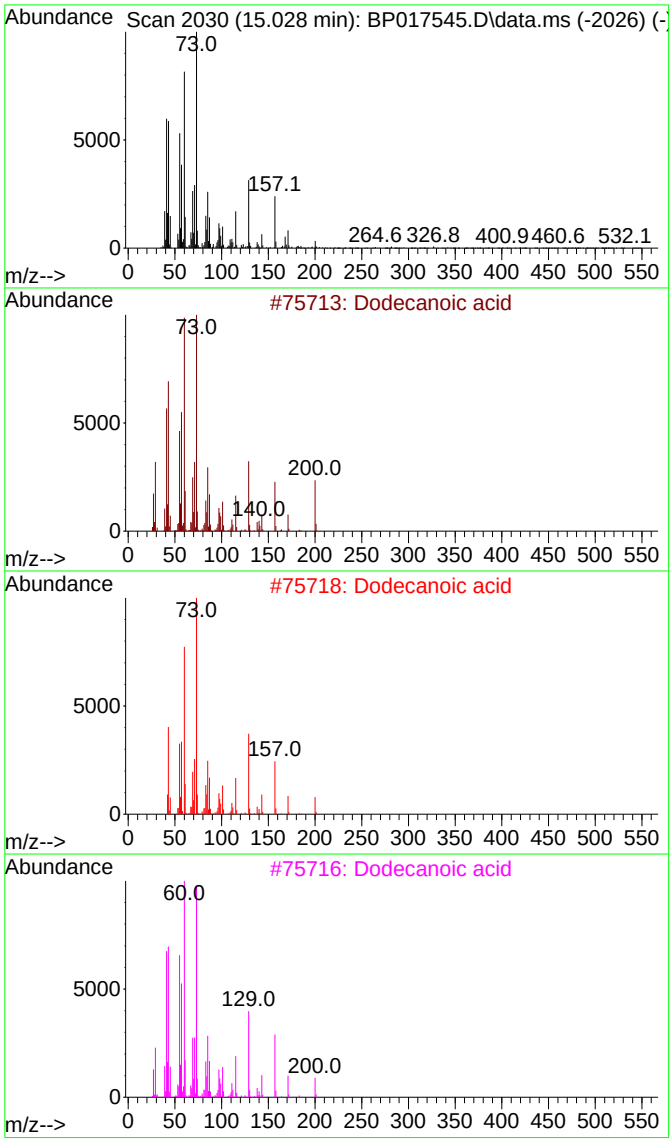
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

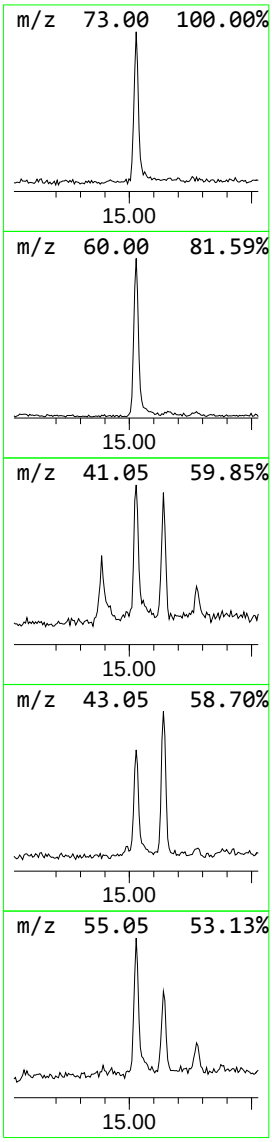
**********

Peak Number 29 Dodecanoic acid Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.028 | 5.06 ng/ul | 229785 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 91 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 90 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 87 |
| 4 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 86 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

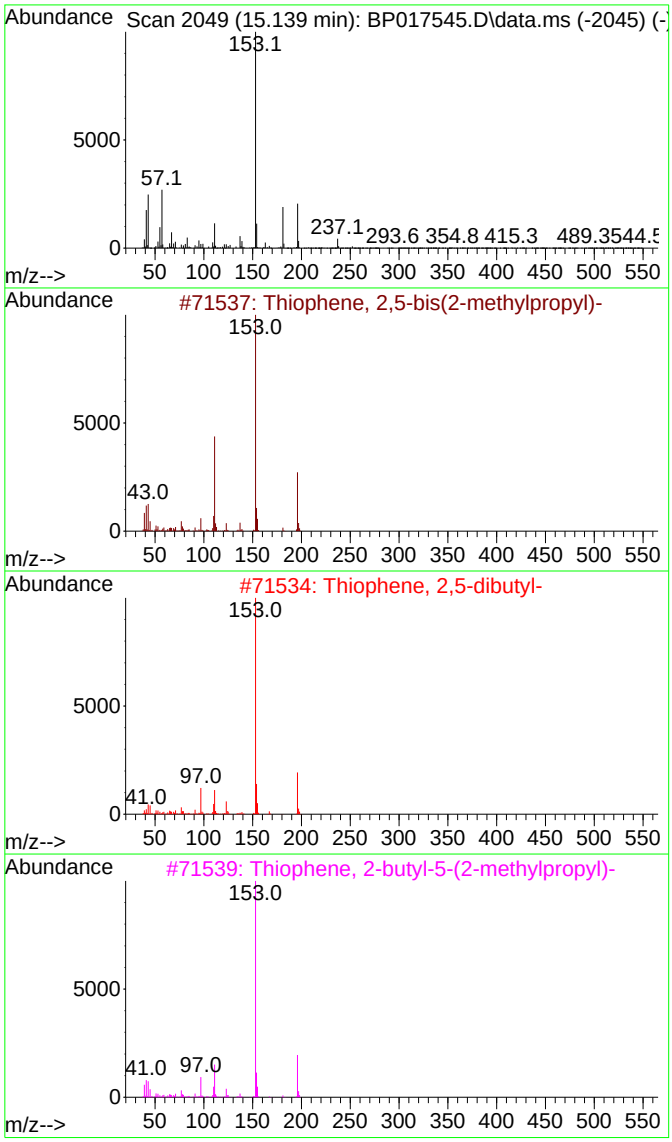
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

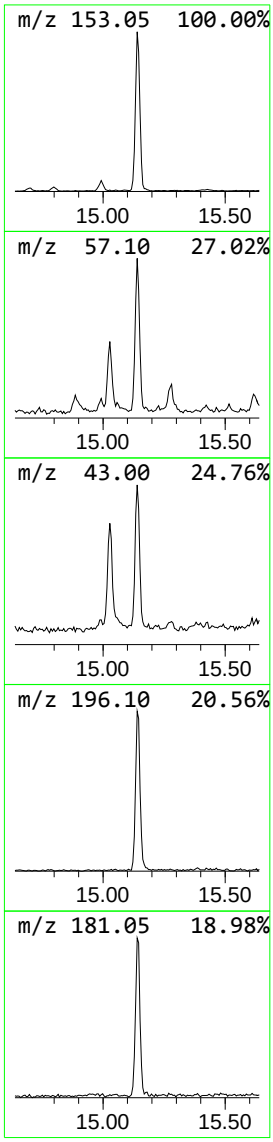
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Thiophene, 2,5-bis(2-methyl... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.139 | 7.36 ng/ul | 334346 | Acenaphthene-d10 | 14.634 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, 2,5-bis(2-methylpropyl)- | 196 | C12H20S | 054845-33-9 | 72 |
| 2 | Thiophene, 2,5-dibutyl- | 196 | C12H20S | 006911-45-1 | 72 |
| 3 | Thiophene, 2-butyl-5-(2-methylpr... | 196 | C12H20S | 054845-35-1 | 64 |
| 4 | Phlorobutyrophenone | 196 | C10H12O4 | 002437-62-9 | 59 |
| 5 | 1-Butanone, 1-(2,4,5-trihydroxyp... | 196 | C10H12O4 | 001421-63-2 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

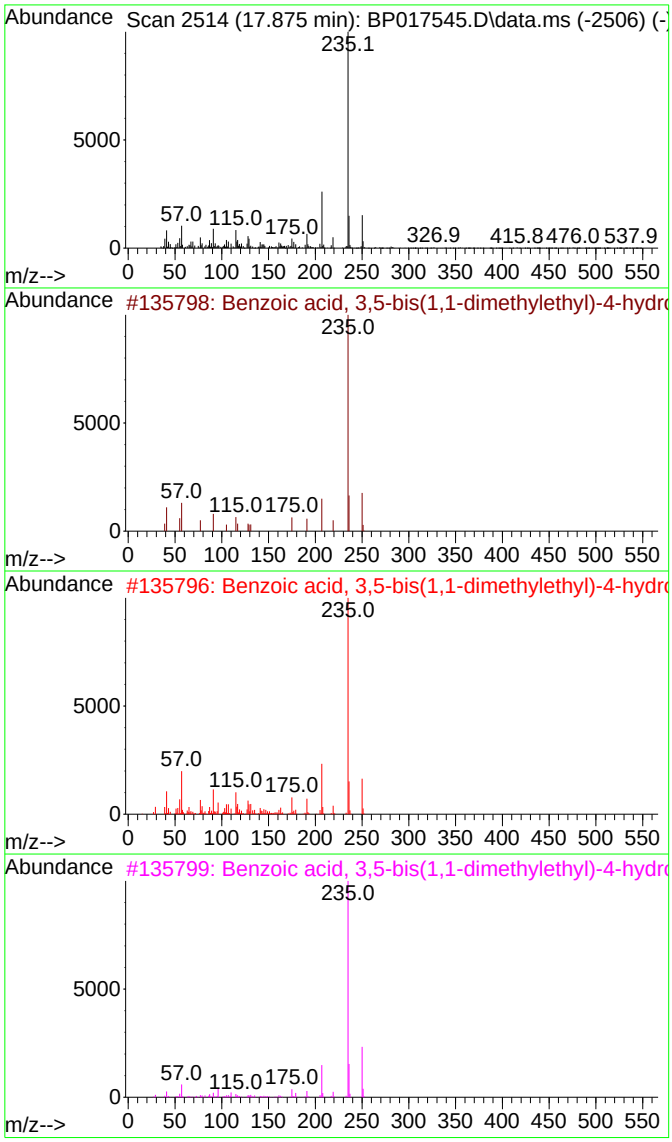
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

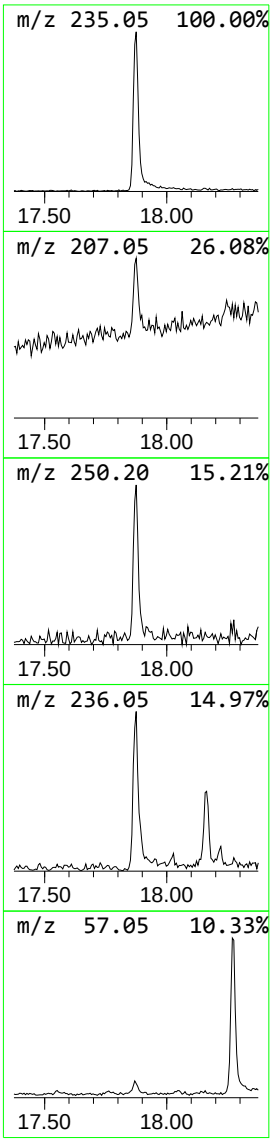
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.875 | 2.88 ng/ul | 159474 | Phenanthrene-d10 | 17.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 96 |
| 2 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 93 |
| 3 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 87 |
| 4 | 2H-Naphtho[1,2-b]pyrane-3-carbon... | 235 | C15H9NO2 | 031231-53-5 | 72 |
| 5 | benzenamine, 2,6-bis(1,1-dimethy... | 250 | C14H22N2O2 | 1000401-37-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

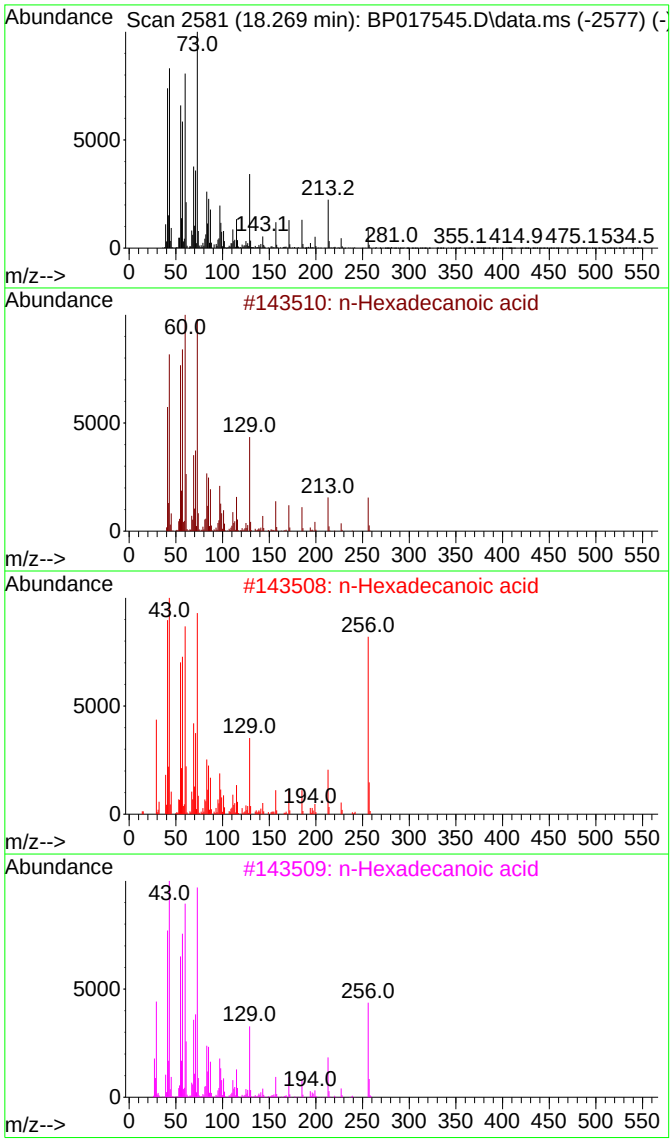
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

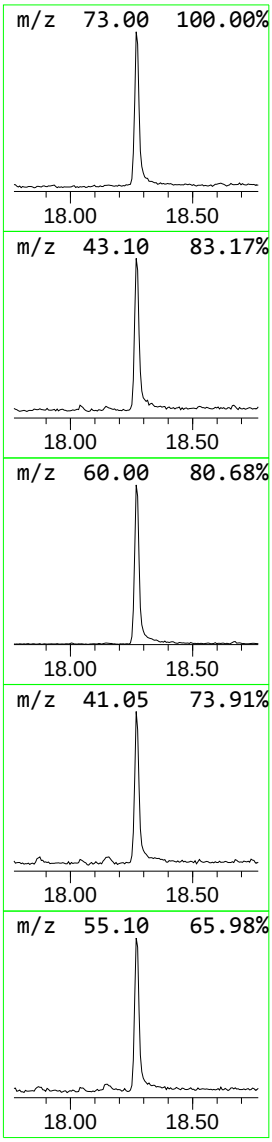
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 n-Hexadecanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.269 | 15.84 ng/ul | 878065 | Phenanthrene-d10 | 17.422 |

| 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 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

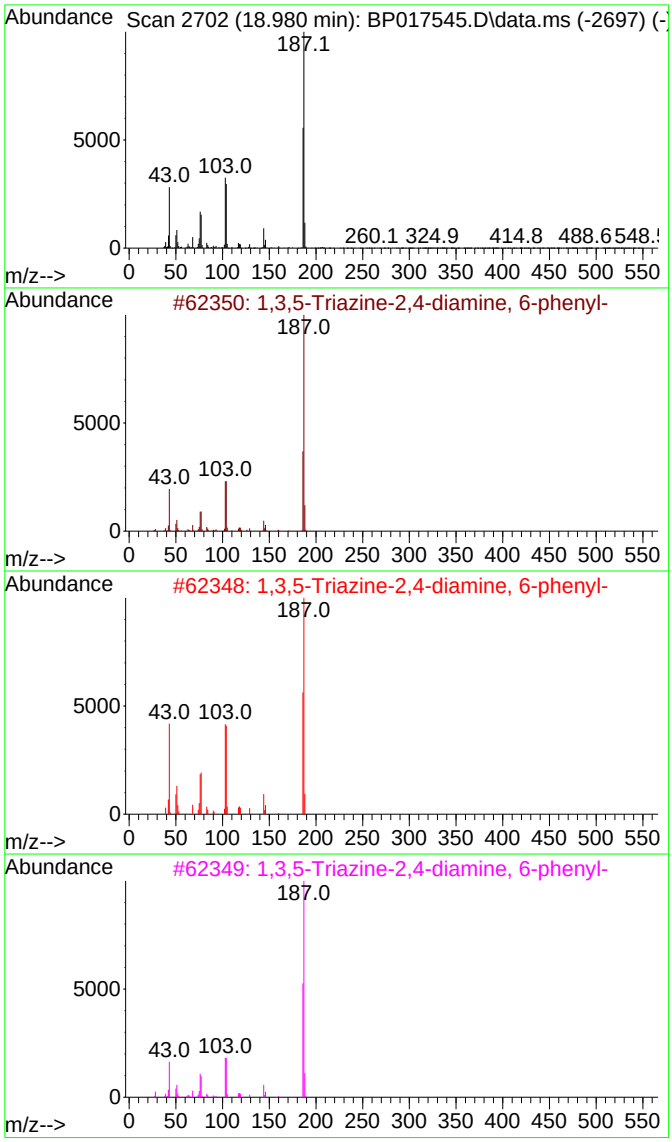
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

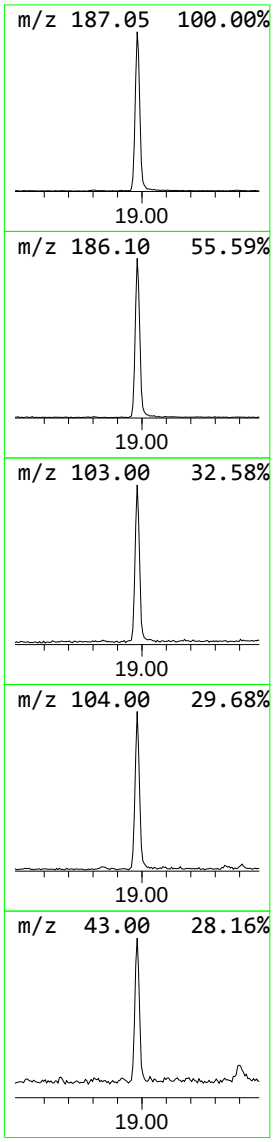
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 1,3,5-Triazine-2,4-diamine,... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.980 | 9.06 ng/ul | 502352 | Phenanthrene-d10 | 17.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,5-Triazine-2,4-diamine, 6-ph... | 187 | C9H9N5 | 000091-76-9 | 96 |
| 2 | 1,3,5-Triazine-2,4-diamine, 6-ph... | 187 | C9H9N5 | 000091-76-9 | 95 |
| 3 | 1,3,5-Triazine-2,4-diamine, 6-ph... | 187 | C9H9N5 | 000091-76-9 | 93 |
| 4 | Quinoxaline, 5-amino-2,3,6-trime... | 187 | C11H13N3 | 1000304-96-4 | 53 |
| 5 | Acetamide, N-(5,8-dihydro-1-naph... | 187 | C12H13NO | 115348-05-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

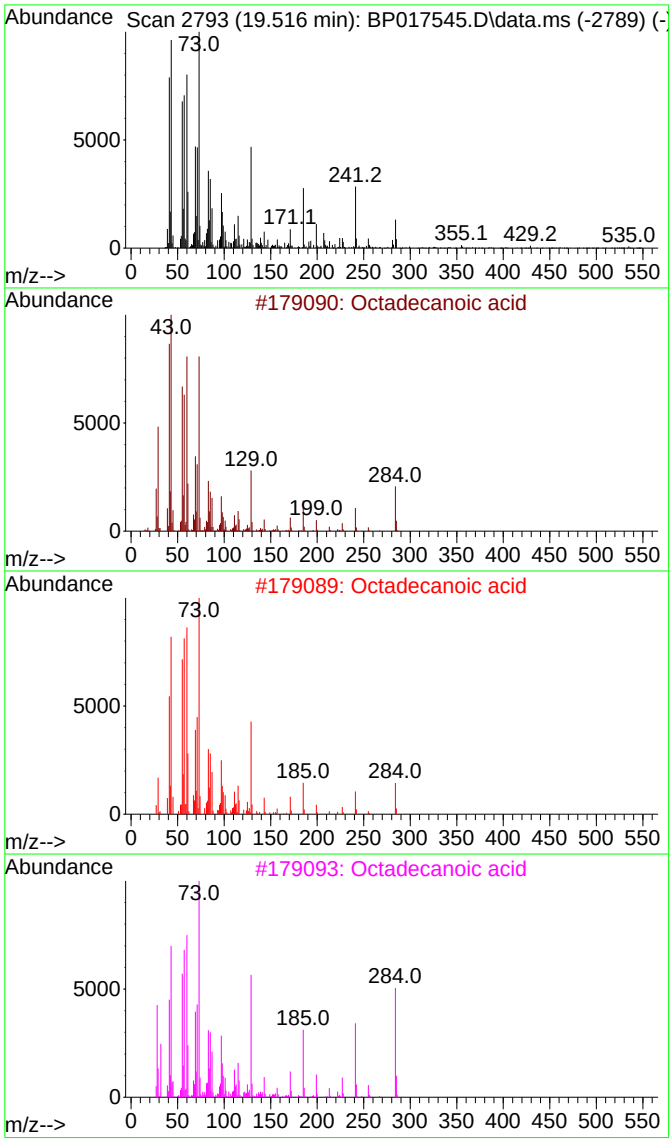
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

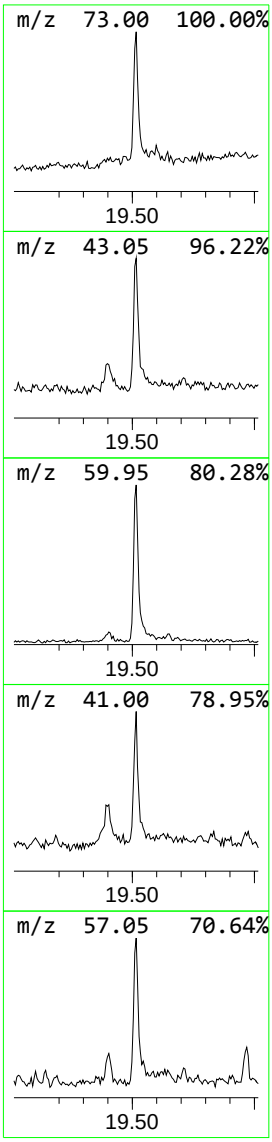
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Octadecanoic acid Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.516 | 4.31 ng/ul | 281912 | Chrysene-d12 | 21.557 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

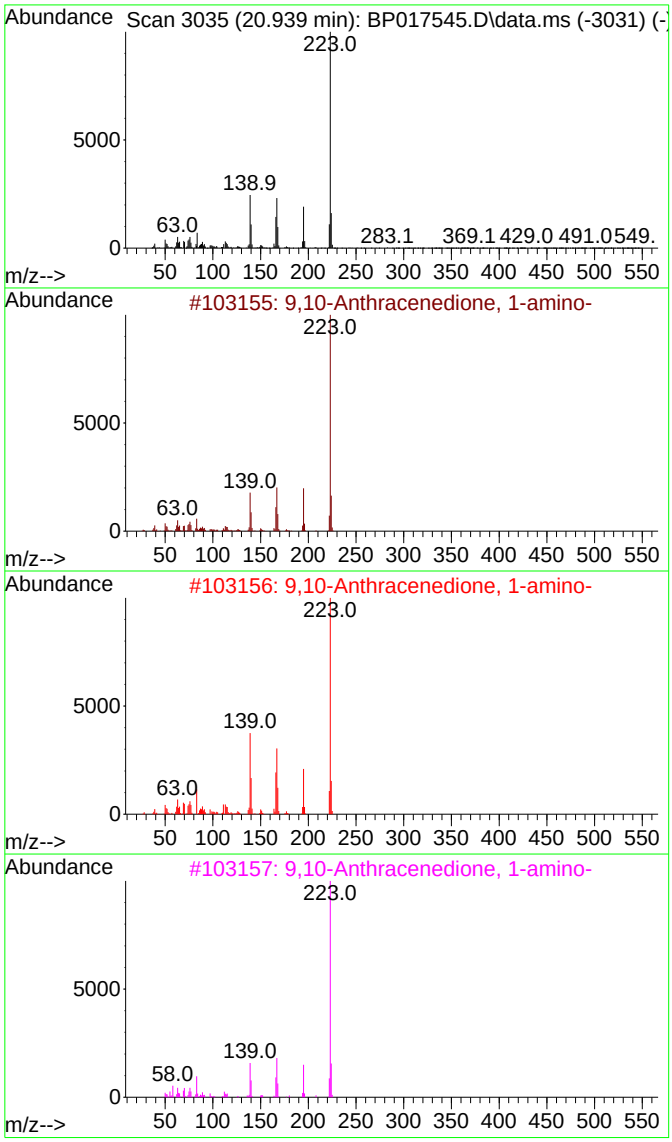
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

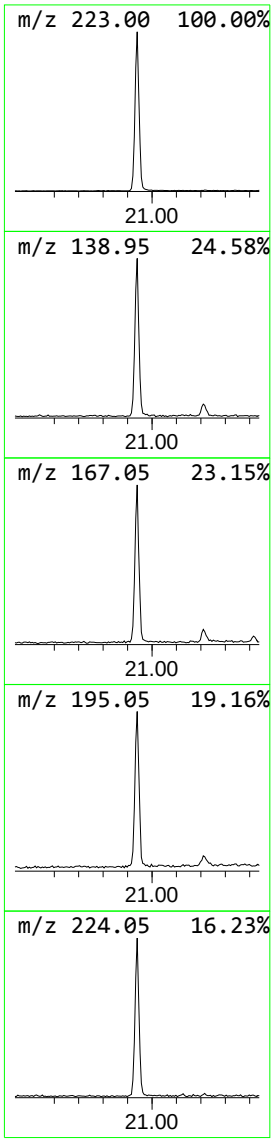
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 9,10-Anthracenedione, 1-amino- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.939 | 9.80 ng/ul | 640632 | Chrysene-d12 | 21.557 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione, 1-amino- | 223 | C14H9NO2 | 000082-45-1 | 99 |
| 2 | 9,10-Anthracenedione, 1-amino- | 223 | C14H9NO2 | 000082-45-1 | 97 |
| 3 | 9,10-Anthracenedione, 1-amino- | 223 | C14H9NO2 | 000082-45-1 | 94 |
| 4 | Anthraquinone, 2-amino- | 223 | C14H9NO2 | 000117-79-3 | 94 |
| 5 | Anthraquinone, 2-amino- | 223 | C14H9NO2 | 000117-79-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

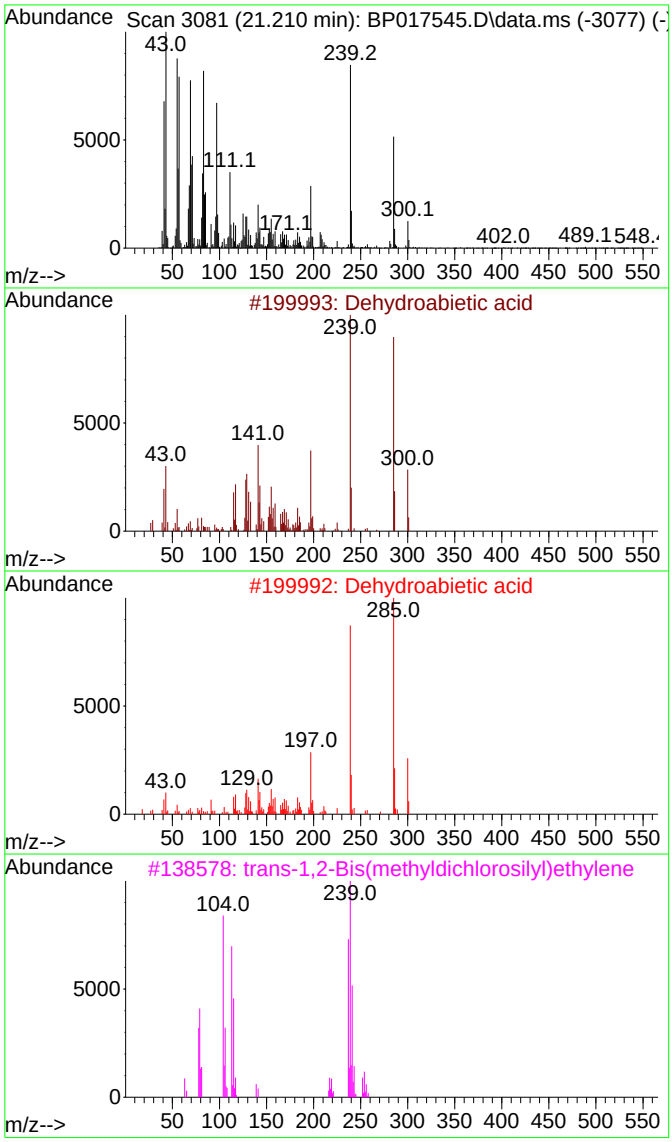
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

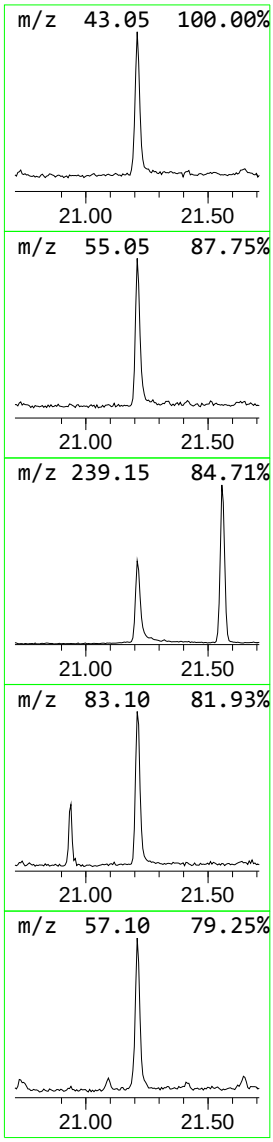
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Dehydroabietic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.210 | 14.23 ng/ul | 930437 | Chrysene-d12 | 21.557 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 93 |
| 2 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 91 |
| 3 | trans-1,2-Bis(methyldichlorosily... | 252 | C4H8Cl4Si2 | 065899-10-7 | 59 |
| 4 | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2 | 005155-70-4 | 56 |
| 5 | Titanium tetrachloride | 188 | Cl4Ti | 007550-45-0 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

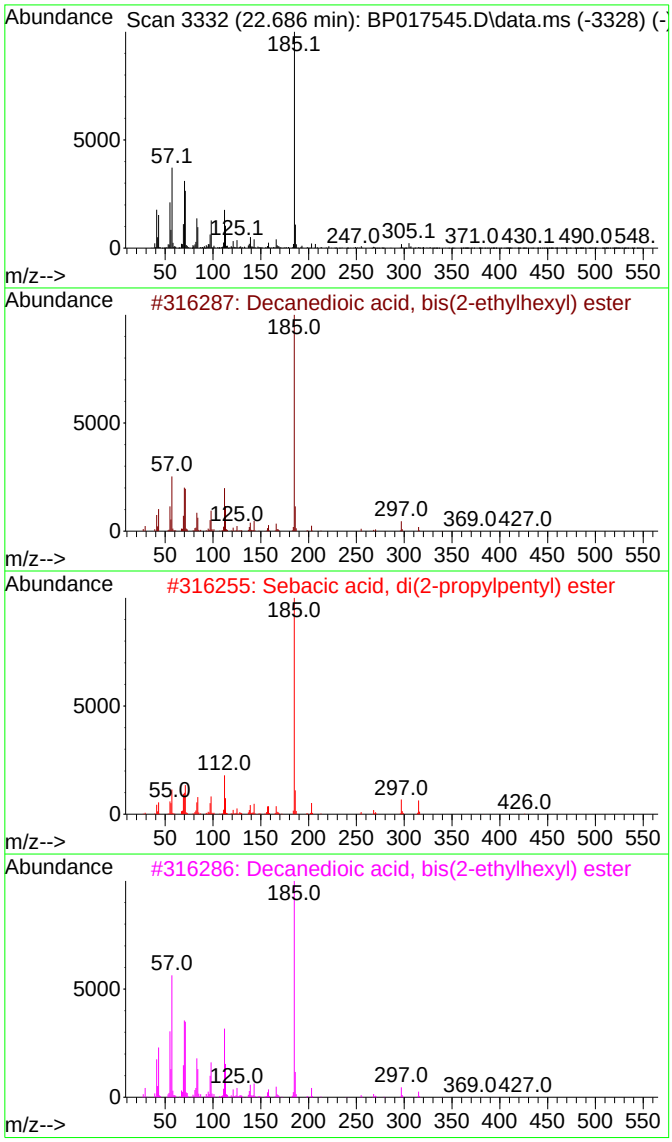
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

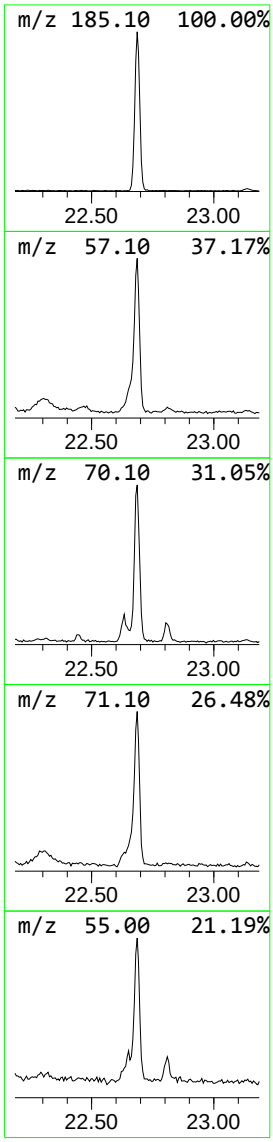
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Decanedioic acid, bis(2-eth... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.686 | 10.95 ng/ul | 715549 | Chrysene-d12 | 21.557 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decanedioic acid, bis(2-ethylhex... | 426 | C26H50O4 | 000122-62-3 | 83 |
| 2 | Sebacic acid, di(2-propylpentyl)... | 426 | C26H50O4 | 1000416-22-1 | 72 |
| 3 | Decanedioic acid, bis(2-ethylhex... | 426 | C26H50O4 | 000122-62-3 | 53 |
| 4 | Sebacic acid, di(2-methylpent-3-... | 370 | C22H42O4 | 1000355-46-4 | 47 |
| 5 | Sebacic acid, isobutyl 2-methylp... | 342 | C20H38O4 | 1000355-45-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

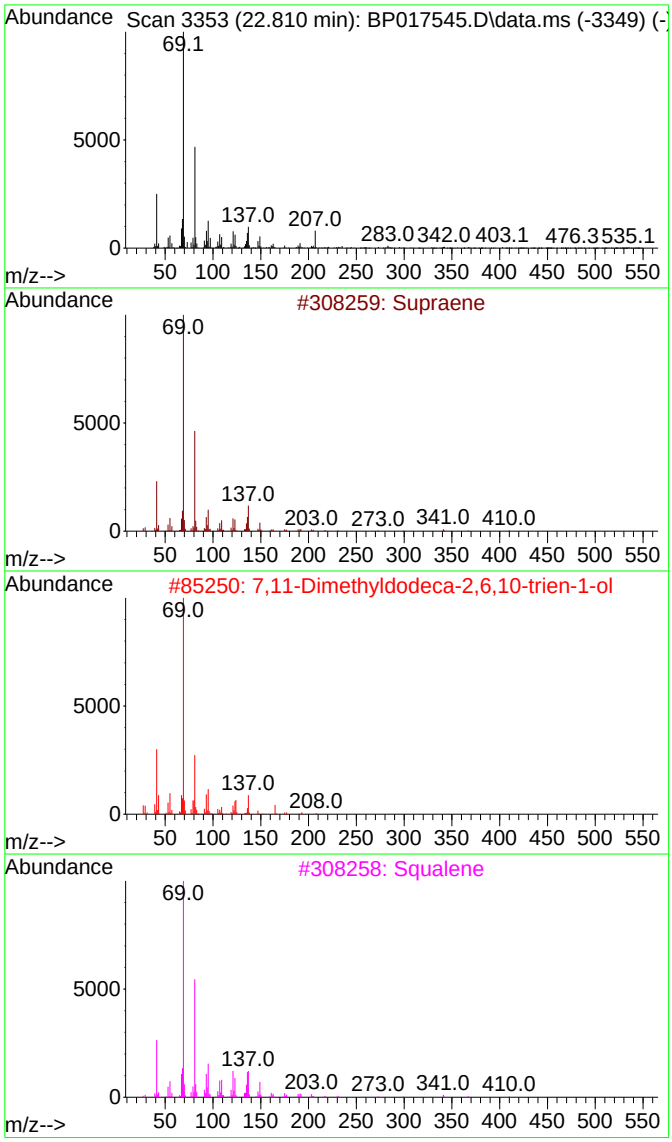
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

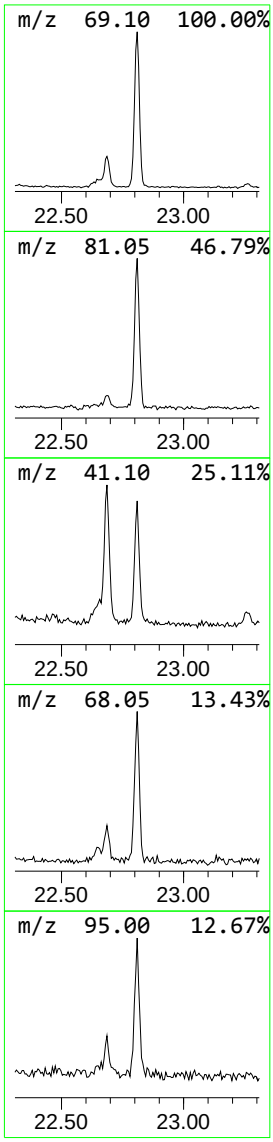
**********

Peak Number 38 Supraene Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.810 | 4.86 ng/ul | 317451 | Chrysene-d12 | 21.557 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 90 |
| 2 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 80 |
| 3 | Squalene | 410 | C30H50 | 000111-02-4 | 74 |
| 4 | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 64 |
| 5 | 1,5-Heptadiene, 3,3,6-trimethyl- | 138 | C10H18 | 035387-63-4 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017545.D
Acq On : 04 Oct 2023 23:23
Operator : MA/JU
Sample : 04679-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DUP-1(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.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, 1,3-di... | 5.522 | 9.2 | ng/ul | 23215900 | 1 | 7.946 | 50351800 | 20.0 |
| Benzene, 1,3-di... | 7.822 | 4.6 | ng/ul | 11610400 | 1 | 7.946 | 50351800 | 20.0 |
| Benzene, 1,2,3,... | 9.557 | 25.9 | ng/ul | 1120170 | 2 | 10.816 | 863381 | 20.0 |
| Benzene, 1,2,3,... | 9.616 | 41.3 | ng/ul | 1784240 | 2 | 10.816 | 863381 | 20.0 |
| Benzene, 1-ethe... | 9.993 | 19.3 | ng/ul | 832817 | 2 | 10.816 | 863381 | 20.0 |
| 1-Phenyl-1-butene | 10.146 | 49.0 | ng/ul | 2115030 | 2 | 10.816 | 863381 | 20.0 |
| Bicyclo[2.2.1]h... | 10.193 | 3.8 | ng/ul | 161841 | 2 | 10.816 | 863381 | 20.0 |
| Phenol, 3,5-dic... | 10.493 | 4.4 | ng/ul | 189186 | 2 | 10.816 | 863381 | 20.0 |
| Benzene, 1,3,5-... | 10.657 | 3032.2 | ng/ul | 130897000 | 2 | 10.816 | 863381 | 20.0 |
| Benzene, 1,2,3-... | 11.193 | 1587.8 | ng/ul | 68543500 | 2 | 10.816 | 863381 | 20.0 |
| Capro lactam | 11.822 | 5.8 | ng/ul | 249351 | 2 | 10.816 | 863381 | 20.0 |
| unknown-01 | 12.304 | 6.6 | ng/ul | 284914 | 2 | 10.816 | 863381 | 20.0 |
| Naphthalene, 2-... | 12.445 | 4.0 | ng/ul | 171715 | 2 | 10.816 | 863381 | 20.0 |
| Naphthalene, 1-... | 12.663 | 3.1 | ng/ul | 134461 | 2 | 10.816 | 863381 | 20.0 |
| Benzene, 1,2,4,... | 12.798 | 13.9 | ng/ul | 631238 | 3 | 14.634 | 908193 | 20.0 |
| Phenol, 2-(1,1-... | 12.851 | 25.7 | ng/ul | 1167480 | 3 | 14.634 | 908193 | 20.0 |
| Phenol, 2,4,5-t... | 13.134 | 15.8 | ng/ul | 719215 | 3 | 14.634 | 908193 | 20.0 |
| Phenol, 2,3,5-t... | 13.269 | 9.5 | ng/ul | 431311 | 3 | 14.634 | 908193 | 20.0 |
| Benzene, 1,2,3,... | 13.410 | 5.8 | ng/ul | 264633 | 3 | 14.634 | 908193 | 20.0 |
| Phenol, 2,3,6-t... | 13.463 | 11.9 | ng/ul | 540723 | 3 | 14.634 | 908193 | 20.0 |
| Dodecanoic acid | 15.028 | 5.1 | ng/ul | 229785 | 3 | 14.634 | 908193 | 20.0 |
| Thiophene, 2,5-... | 15.139 | 7.4 | ng/ul | 334346 | 3 | 14.634 | 908193 | 20.0 |
| Benzoic acid, 3... | 17.875 | 2.9 | ng/ul | 159474 | 4 | 17.422 | 1108950 | 20.0 |
| n-Hexadecanoic ... | 18.269 | 15.8 | ng/ul | 878065 | 4 | 17.422 | 1108950 | 20.0 |
| 1,3,5-Triazine-... | 18.980 | 9.1 | ng/ul | 502352 | 4 | 17.422 | 1108950 | 20.0 |
| Octadecanoic acid | 19.516 | 4.3 | ng/ul | 281912 | 5 | 21.557 | 1307300 | 20.0 |
| 9,10-Anthracene... | 20.939 | 9.8 | ng/ul | 640632 | 5 | 21.557 | 1307300 | 20.0 |
| Dehydroabietic ... | 21.210 | 14.2 | ng/ul | 930437 | 5 | 21.557 | 1307300 | 20.0 |
| Decanedioic aci... | 22.686 | 10.9 | ng/ul | 715549 | 5 | 21.557 | 1307300 | 20.0 |
| Supraene | 22.810 | 4.9 | ng/ul | 317451 | 5 | 21.557 | 1307300 | 20.0 |