LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BBJS6

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-BP091223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017126.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.270 | 25 | 31 | 37 | rBV | 1152714 | 1829569 | 3.42% | 0.589% |
| 2 | 3.752 | 110 | 113 | 119 | rBV | 352592 | 538022 | 1.01% | 0.173% |
| 3 | 4.587 | 248 | 255 | 274 | rBV | 22832573 | 53521719 | 100.00% | 17.229% |
| 4 | 5.540 | 410 | 417 | 428 | rBV | 631791 | 1203955 | 2.25% | 0.388% |
| 5 | 5.917 | 474 | 481 | 489 | rBV | 3280172 | 5019991 | 9.38% | 1.616% |
| 6 | 6.399 | 557 | 563 | 569 | rBV | 264247 | 401351 | 0.75% | 0.129% |
| 7 | 7.005 | 661 | 666 | 671 | rVV | 557199 | 843405 | 1.58% | 0.271% |
| 8 | 7.211 | 694 | 701 | 710 | rBV | 175161 | 444332 | 0.83% | 0.143% |
| 9 | 7.305 | 710 | 717 | 724 | rVV2 | 2502910 | 4202791 | 7.85% | 1.353% |
| 10 | 7.475 | 737 | 746 | 750 | rBV | 614415 | 1005403 | 1.88% | 0.324% |
| 11 | 7.517 | 750 | 753 | 757 | rVV | 503916 | 821882 | 1.54% | 0.265% |
| 12 | 7.569 | 757 | 762 | 769 | rVB | 2785152 | 4133209 | 7.72% | 1.330% |
| 13 | 7.958 | 821 | 828 | 836 | rBV | 594775 | 978635 | 1.83% | 0.315% |
| 14 | 8.046 | 836 | 843 | 849 | rVV | 3197363 | 5012135 | 9.36% | 1.613% |
| 15 | 8.311 | 883 | 888 | 895 | rVB | 439116 | 691362 | 1.29% | 0.223% |
| 16 | 8.411 | 895 | 905 | 911 | rBV2 | 300375 | 497172 | 0.93% | 0.160% |
| 17 | 8.564 | 925 | 931 | 936 | rBV3 | 393110 | 670886 | 1.25% | 0.216% |
| 18 | 8.728 | 953 | 959 | 963 | rBV | 464871 | 768693 | 1.44% | 0.247% |
| 19 | 8.775 | 963 | 967 | 980 | rVV2 | 342101 | 1373918 | 2.57% | 0.442% |
| 20 | 8.881 | 980 | 985 | 989 | rVV | 417875 | 651147 | 1.22% | 0.210% |
| 21 | 8.934 | 989 | 994 | 1004 | rVB | 464802 | 711893 | 1.33% | 0.229% |
| 22 | 9.034 | 1004 | 1011 | 1020 | rBV2 | 1063973 | 1843687 | 3.44% | 0.593% |
| 23 | 9.128 | 1020 | 1027 | 1029 | rVV | 1426456 | 2359058 | 4.41% | 0.759% |
| 24 | 9.152 | 1029 | 1031 | 1039 | rVB | 1150228 | 1668809 | 3.12% | 0.537% |
| 25 | 9.369 | 1062 | 1068 | 1074 | rVV2 | 587910 | 993946 | 1.86% | 0.320% |
| 26 | 9.475 | 1077 | 1086 | 1096 | rVV | 14895009 | 31943228 | 59.68% | 10.282% |
| 27 | 9.563 | 1096 | 1101 | 1106 | rVV | 771742 | 1216730 | 2.27% | 0.392% |
| 28 | 9.622 | 1106 | 1111 | 1124 | rVB | 1023795 | 1628395 | 3.04% | 0.524% |
| 29 | 9.869 | 1148 | 1153 | 1159 | rVV2 | 1013857 | 1737753 | 3.25% | 0.559% |
| 30 | 9.934 | 1159 | 1164 | 1170 | rVV2 | 302374 | 520709 | 0.97% | 0.168% |
| 31 | 9.999 | 1170 | 1175 | 1184 | rVB | 683799 | 1156971 | 2.16% | 0.372% |
| 32 | 10.146 | 1194 | 1200 | 1206 | rVV | 3054568 | 4897859 | 9.15% | 1.577% |
| 33 | 10.316 | 1226 | 1229 | 1237 | rVV3 | 194405 | 399288 | 0.75% | 0.129% |
| 34 | 10.405 | 1237 | 1244 | 1254 | rVV3 | 2078224 | 4090951 | 7.64% | 1.317% |
| 35 | 10.728 | 1292 | 1299 | 1303 | rVV2 | 539059 | 1168027 | 2.18% | 0.376% |
| 36 | 10.787 | 1303 | 1309 | 1312 | rVV | 1266900 | 2518075 | 4.70% | 0.811% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

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-BP091223.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.840 | 1312 | 1318 | 1329 | rVB | 7567517 | 13951187 | 26.07% | 4.491% |
| 38 | 10.952 | 1329 | 1337 | 1345 | rBV2 | 1073263 | 2086641 | 3.90% | 0.672% |
| 39 | 11.228 | 1379 | 1384 | 1388 | rBV | 366091 | 543947 | 1.02% | 0.175% |
| 40 | 11.340 | 1397 | 1403 | 1407 | rBV | 332670 | 559988 | 1.05% | 0.180% |
| 41 | 11.416 | 1411 | 1416 | 1421 | rVB | 337135 | 503130 | 0.94% | 0.162% |
| 42 | 11.669 | 1453 | 1459 | 1472 | rVB | 591156 | 1141023 | 2.13% | 0.367% |
| 43 | 11.857 | 1487 | 1491 | 1497 | rVV | 499979 | 786994 | 1.47% | 0.253% |
| 44 | 11.952 | 1501 | 1507 | 1513 | rVB | 937191 | 1551598 | 2.90% | 0.499% |
| 45 | 12.069 | 1520 | 1527 | 1533 | rVB2 | 225223 | 476645 | 0.89% | 0.153% |
| 46 | 12.140 | 1533 | 1539 | 1545 | rBV3 | 442563 | 817095 | 1.53% | 0.263% |
| 47 | 12.310 | 1563 | 1568 | 1575 | rBV2 | 622900 | 1020906 | 1.91% | 0.329% |
| 48 | 12.440 | 1583 | 1590 | 1598 | rVB | 8126123 | 12888159 | 24.08% | 4.149% |
| 49 | 12.663 | 1621 | 1628 | 1635 | rVV | 6742001 | 11925412 | 22.28% | 3.839% |
| 50 | 12.716 | 1635 | 1637 | 1640 | rVV | 308076 | 400586 | 0.75% | 0.129% |
| 51 | 12.769 | 1640 | 1646 | 1656 | rVB5 | 463339 | 1101148 | 2.06% | 0.354% |
| 52 | 12.904 | 1663 | 1669 | 1676 | rBV6 | 240540 | 570684 | 1.07% | 0.184% |
| 53 | 13.087 | 1695 | 1700 | 1705 | rVV | 547915 | 839373 | 1.57% | 0.270% |
| 54 | 13.399 | 1744 | 1753 | 1757 | rVV | 812698 | 1701320 | 3.18% | 0.548% |
| 55 | 13.446 | 1757 | 1761 | 1767 | rVB | 884670 | 1326042 | 2.48% | 0.427% |
| 56 | 13.604 | 1781 | 1788 | 1790 | rBV3 | 619374 | 1063366 | 1.99% | 0.342% |
| 57 | 13.651 | 1790 | 1796 | 1806 | rVB2 | 971022 | 2809100 | 5.25% | 0.904% |
| 58 | 13.769 | 1807 | 1816 | 1818 | rBV2 | 1768293 | 3155079 | 5.89% | 1.016% |
| 59 | 13.928 | 1837 | 1843 | 1848 | rVV | 2388356 | 4290669 | 8.02% | 1.381% |
| 60 | 13.981 | 1848 | 1852 | 1856 | rVV | 1901622 | 2810986 | 5.25% | 0.905% |
| 61 | 14.034 | 1856 | 1861 | 1869 | rVB | 3020658 | 4217775 | 7.88% | 1.358% |
| 62 | 14.163 | 1875 | 1883 | 1887 | rVV | 1046438 | 1843870 | 3.45% | 0.594% |
| 63 | 14.199 | 1887 | 1889 | 1892 | rVV2 | 450726 | 522804 | 0.98% | 0.168% |
| 64 | 14.240 | 1892 | 1896 | 1902 | rVB3 | 415901 | 704770 | 1.32% | 0.227% |
| 65 | 14.316 | 1903 | 1909 | 1920 | rVB3 | 3627793 | 6115031 | 11.43% | 1.968% |
| 66 | 14.434 | 1926 | 1929 | 1938 | rVB4 | 256505 | 417901 | 0.78% | 0.135% |
| 67 | 14.575 | 1942 | 1953 | 1956 | rBV4 | 509457 | 1473291 | 2.75% | 0.474% |
| 68 | 14.616 | 1956 | 1960 | 1968 | rVV | 1998969 | 3218365 | 6.01% | 1.036% |
| 69 | 14.681 | 1968 | 1971 | 1976 | rVB3 | 246678 | 404790 | 0.76% | 0.130% |
| 70 | 14.763 | 1976 | 1985 | 1987 | rBV3 | 493051 | 881319 | 1.65% | 0.284% |
| 71 | 14.804 | 1987 | 1992 | 1996 | rVV4 | 764078 | 1418144 | 2.65% | 0.456% |
| 72 | 14.840 | 1996 | 1998 | 2005 | rVB2 | 314085 | 433473 | 0.81% | 0.140% |
| 73 | 15.016 | 2018 | 2028 | 2033 | rVV4 | 1393695 | 2894605 | 5.41% | 0.932% |
| 74 | 15.075 | 2033 | 2038 | 2042 | rVV2 | 700430 | 1130547 | 2.11% | 0.364% |
| 75 | 15.122 | 2042 | 2046 | 2057 | rVV | 677633 | 1331463 | 2.49% | 0.429% |
| 76 | 15.216 | 2057 | 2062 | 2066 | rVV3 | 305580 | 616343 | 1.15% | 0.198% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

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-BP091223.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.269 | 2067 | 2071 | 2075 | rVB2 | 311531 | 486089 | 0.91% | 0.156% |
| 78 | 15.387 | 2084 | 2091 | 2095 | rBV3 | 262974 | 558613 | 1.04% | 0.180% |
| 79 | 15.504 | 2107 | 2111 | 2114 | rVV3 | 303295 | 437563 | 0.82% | 0.141% |
| 80 | 15.610 | 2124 | 2129 | 2136 | rVV | 4273152 | 6141685 | 11.48% | 1.977% |
| 81 | 15.669 | 2136 | 2139 | 2143 | rVV2 | 278986 | 405118 | 0.76% | 0.130% |
| 82 | 15.740 | 2143 | 2151 | 2156 | rVB2 | 1642180 | 2972357 | 5.55% | 0.957% |
| 83 | 15.798 | 2156 | 2161 | 2168 | rVB2 | 477194 | 812268 | 1.52% | 0.261% |
| 84 | 16.357 | 2251 | 2256 | 2265 | rBV2 | 752832 | 1274515 | 2.38% | 0.410% |
| 85 | 16.481 | 2271 | 2277 | 2287 | rBV | 1184495 | 1956444 | 3.66% | 0.630% |
| 86 | 16.651 | 2299 | 2306 | 2314 | rVV2 | 458811 | 902619 | 1.69% | 0.291% |
| 87 | 17.016 | 2358 | 2368 | 2382 | rBV | 7246539 | 15976436 | 29.85% | 5.143% |
| 88 | 17.216 | 2395 | 2402 | 2407 | rBV3 | 351573 | 725953 | 1.36% | 0.234% |
| 89 | 17.387 | 2425 | 2431 | 2435 | rBV | 2553159 | 3818846 | 7.14% | 1.229% |
| 90 | 17.428 | 2435 | 2438 | 2442 | rVV | 620109 | 838864 | 1.57% | 0.270% |
| 91 | 17.487 | 2442 | 2448 | 2464 | rVB | 5095352 | 7275220 | 13.59% | 2.342% |
| 92 | 17.804 | 2498 | 2502 | 2507 | rVB | 518128 | 694791 | 1.30% | 0.224% |
| 93 | 18.228 | 2570 | 2574 | 2581 | rBV2 | 789029 | 1146037 | 2.14% | 0.369% |
| 94 | 18.298 | 2582 | 2586 | 2592 | rVV4 | 314486 | 574832 | 1.07% | 0.185% |
| 95 | 18.357 | 2592 | 2596 | 2603 | rVB | 288937 | 444989 | 0.83% | 0.143% |
| 96 | 19.463 | 2780 | 2784 | 2792 | rBV | 461092 | 617408 | 1.15% | 0.199% |
| 97 | 19.722 | 2823 | 2828 | 2834 | rVB | 6331892 | 8320556 | 15.55% | 2.678% |
| 98 | 21.480 | 3122 | 3127 | 3134 | rBV | 2874307 | 3649572 | 6.82% | 1.175% |
| 99 | 23.839 | 3521 | 3528 | 3542 | rVB2 | 3695089 | 7715783 | 14.42% | 2.484% |
| 100 | 24.004 | 3550 | 3556 | 3568 | rVB | 1654128 | 3500006 | 6.54% | 1.127% |

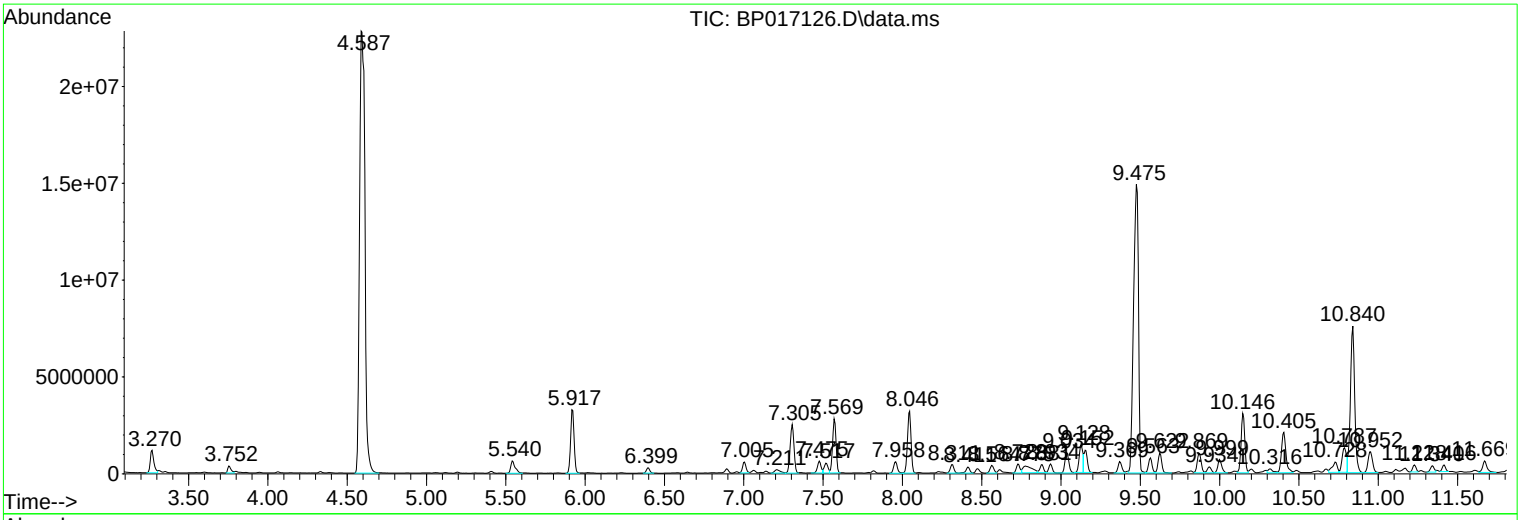
Sum of corrected areas: 310657089

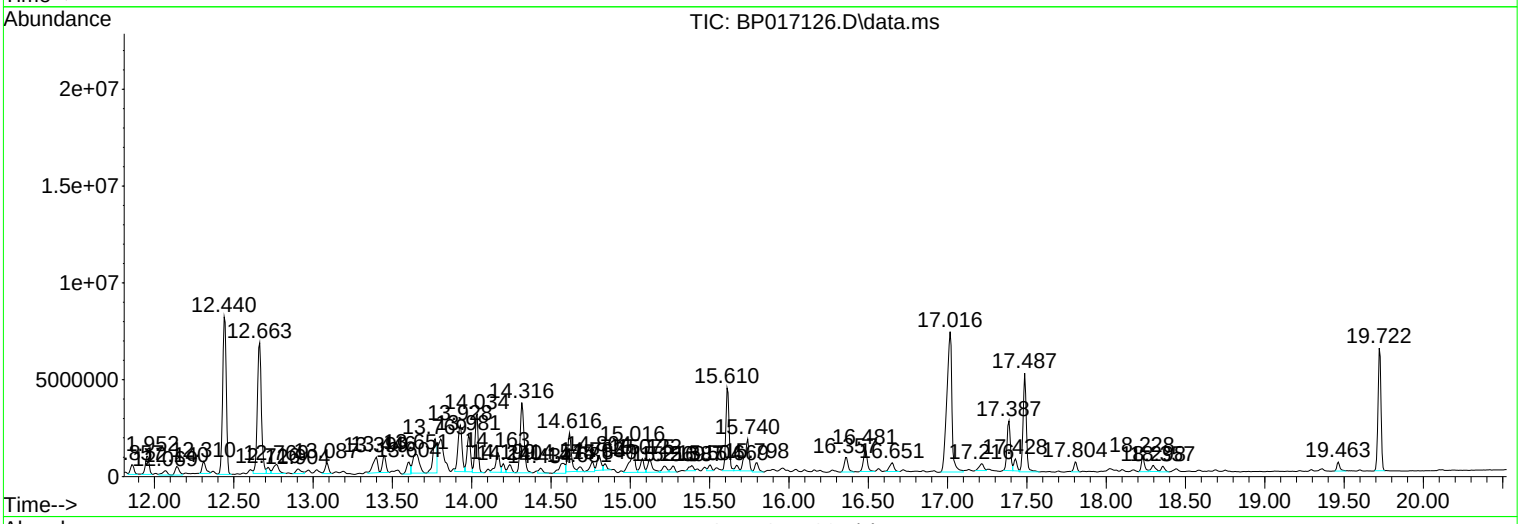
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

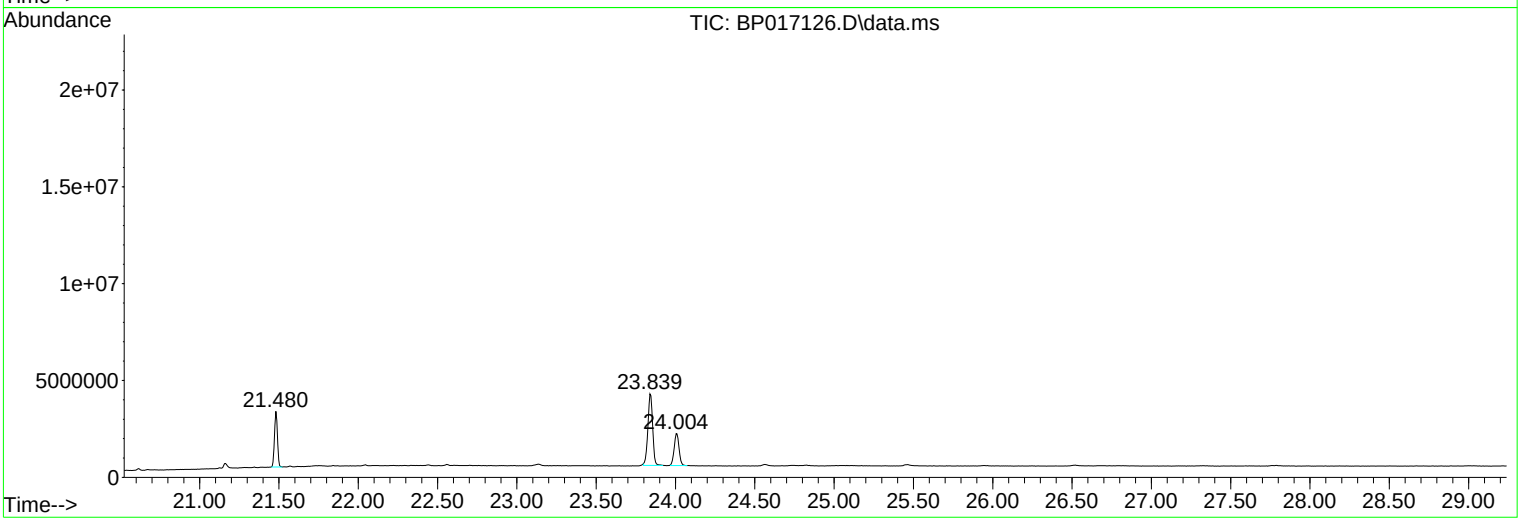
**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.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\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

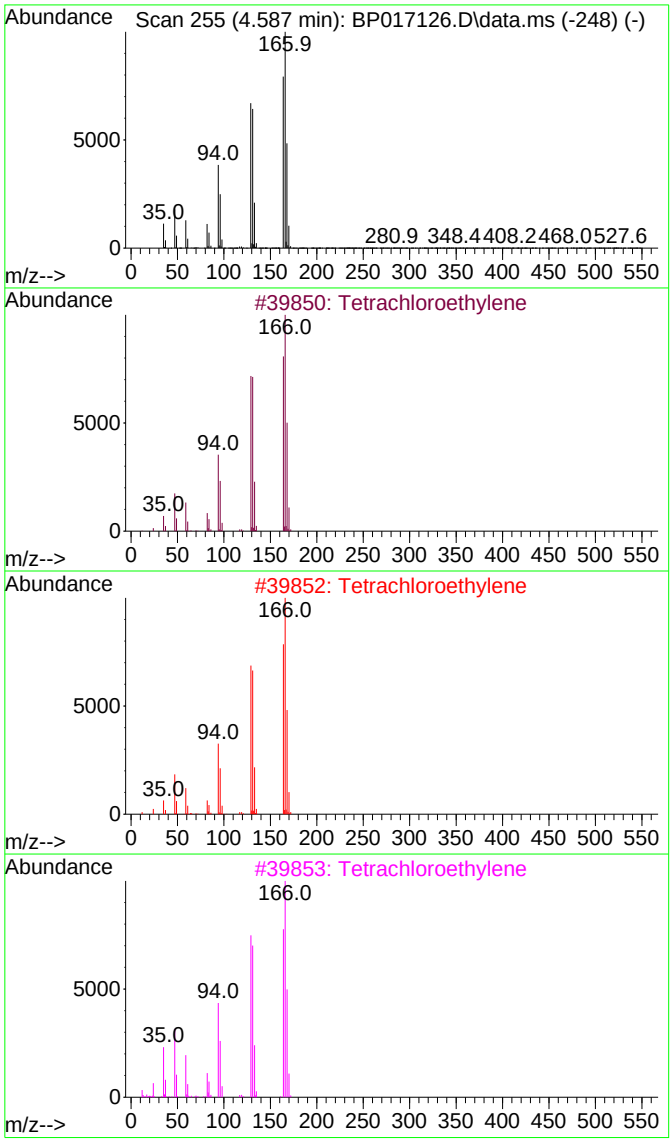
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

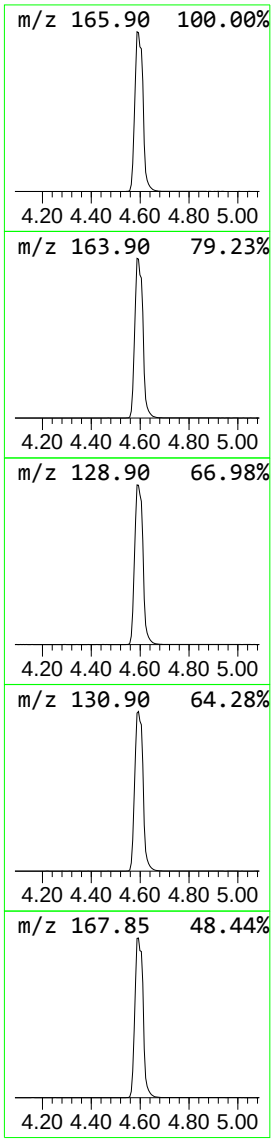
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Tetrachloroethylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.587 | 1093.80 ng/ul | 53521700 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 99 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 99 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 97 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 97 |
| 5 | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

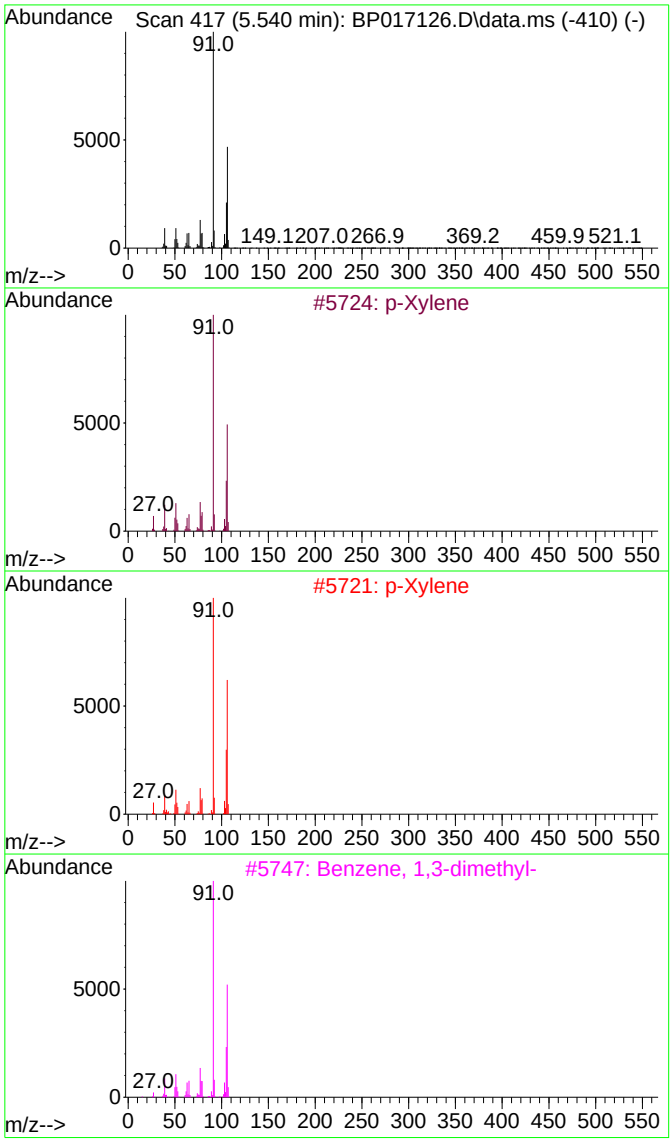
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

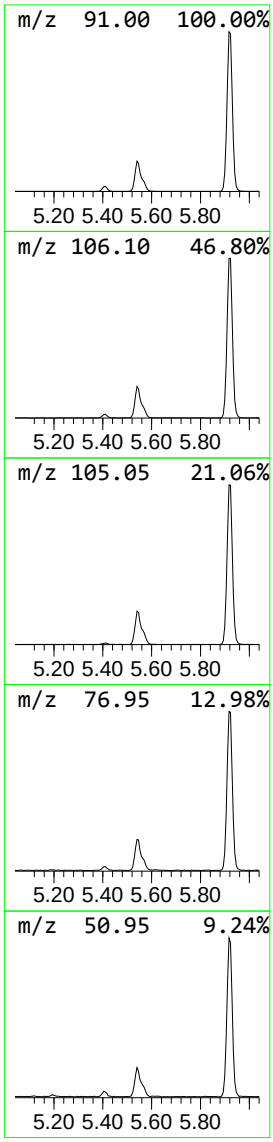
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 p-Xylene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.540 | 24.60 ng/ul | 1203960 | 1,4-Dichlorobenzene-d4 | 7.958 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

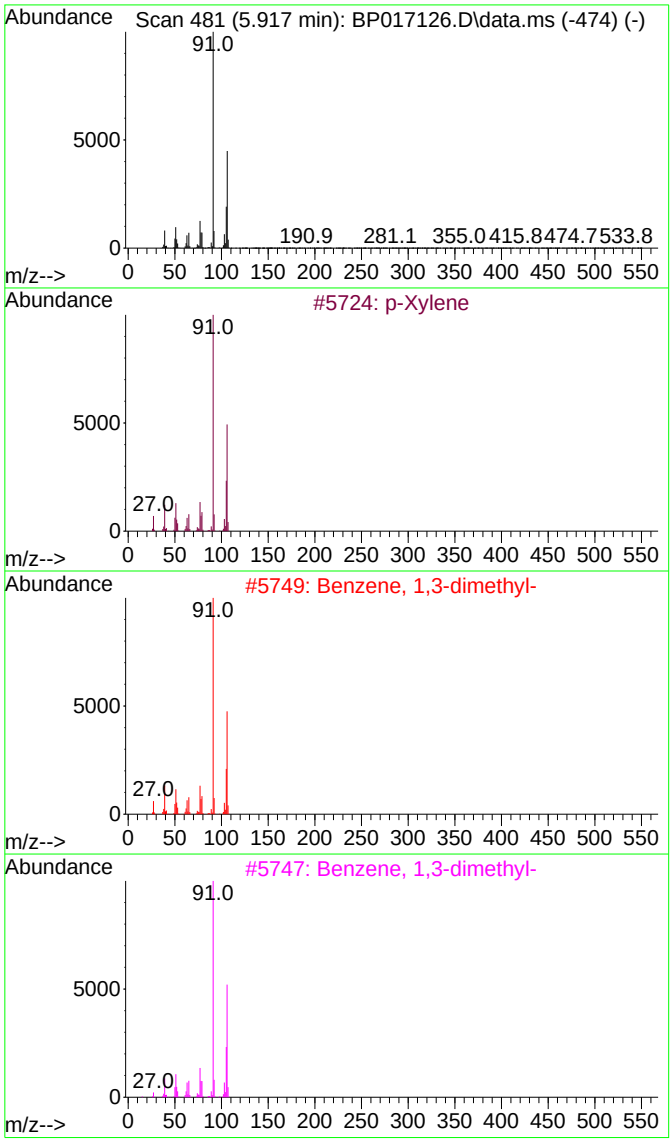
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

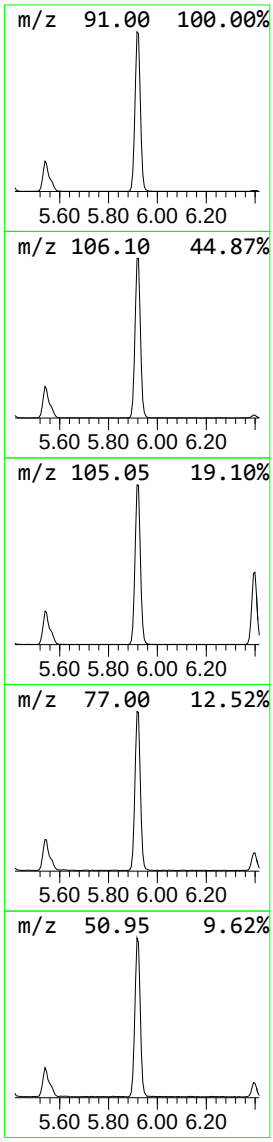
**********

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.917 | 102.59 ng/ul | 5019990 | 1,4-Dichlorobenzene-d4 | 7.958 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

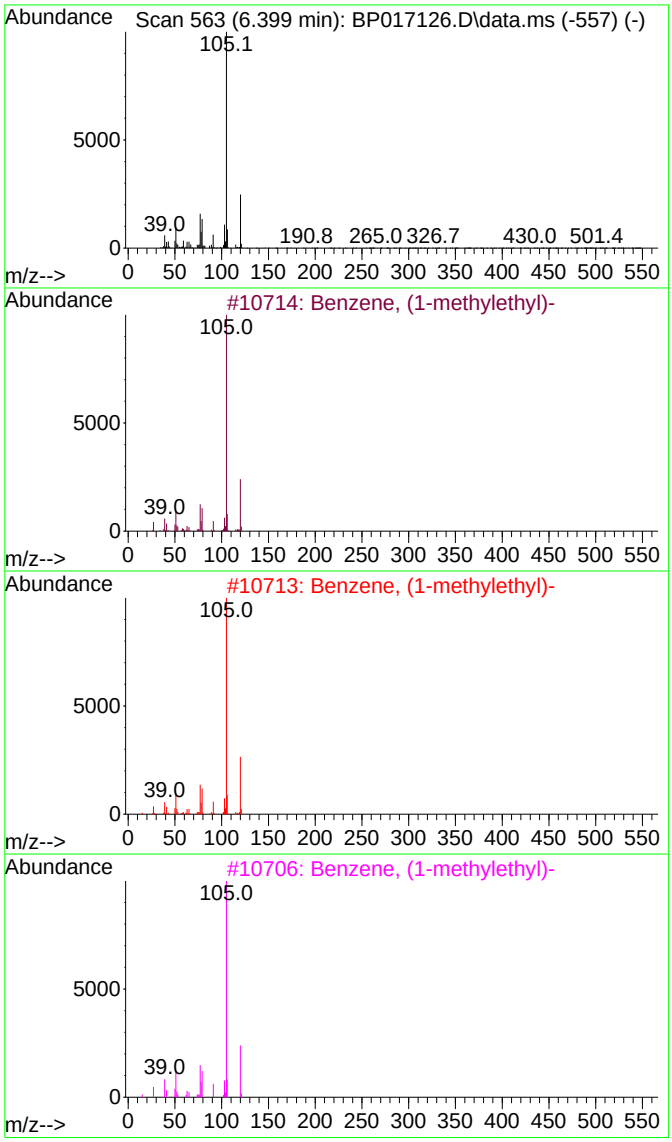
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

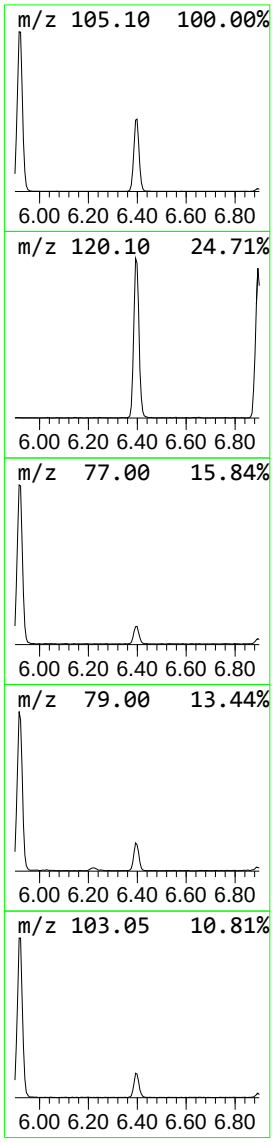
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.399 | 8.20 ng/ul | 401351 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 93 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 93 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 90 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 87 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

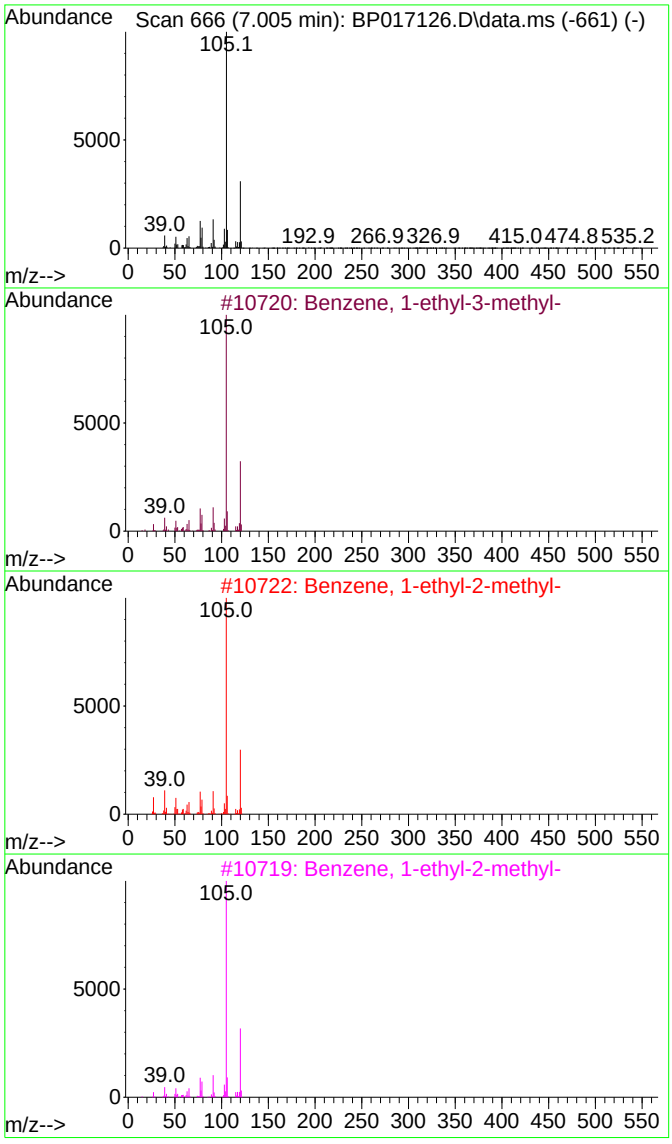
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

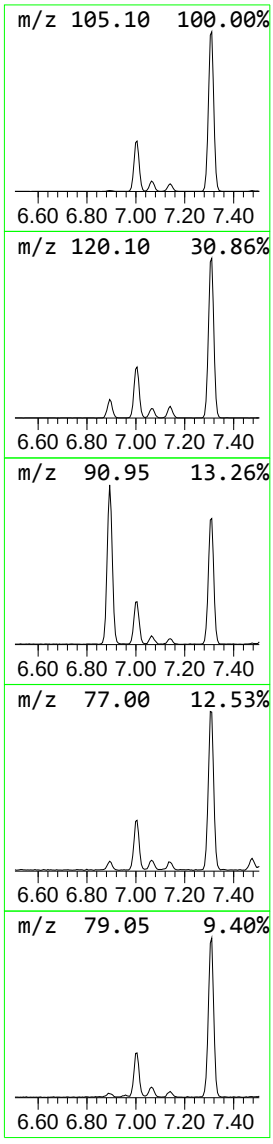
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.005 | 17.24 ng/ul | 843405 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

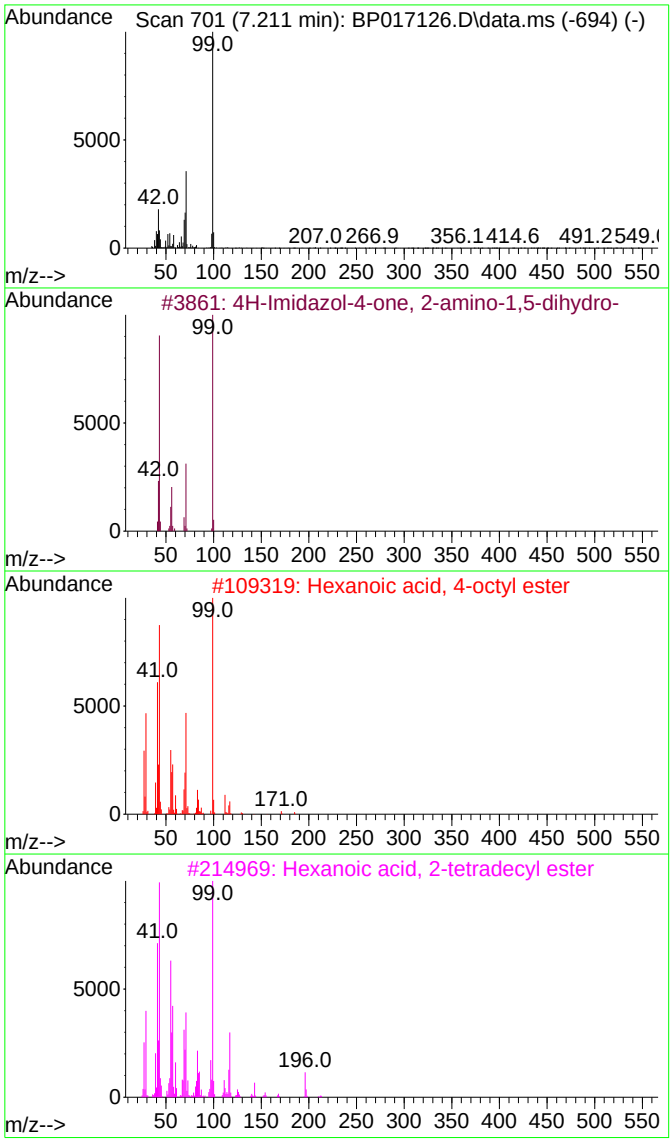
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

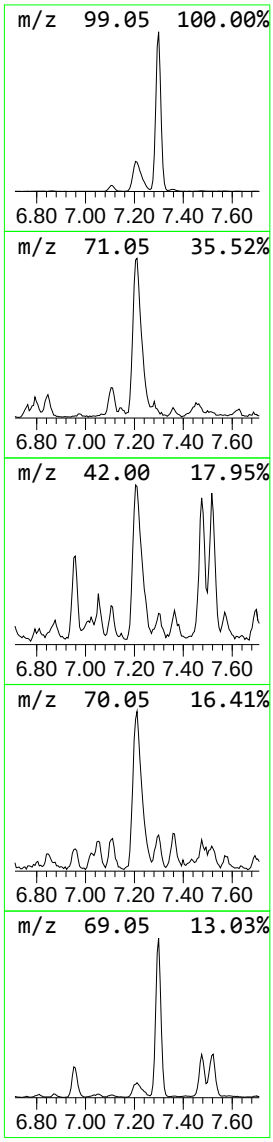
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 4H-Imidazol-4-one, 2-amino-... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.211 | 9.08 ng/ul | 444332 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Imidazol-4-one, 2-amino-1,5-d... | 99 | C3H5N3O | 000503-86-6 | 72 |
| 2 | Hexanoic acid, 4-octyl ester | 228 | C14H28O2 | 1010160-13-3 | 72 |
| 3 | Hexanoic acid, 2-tetradecyl ester | 312 | C20H40O2 | 055193-21-0 | 72 |
| 4 | n-Heptyl methylphosphonofluoridate | 196 | C8H18FO2P | 162085-82-7 | 59 |
| 5 | Hexanoic acid, 3-tridecyl ester | 298 | C19H38O2 | 1000279-29-2 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

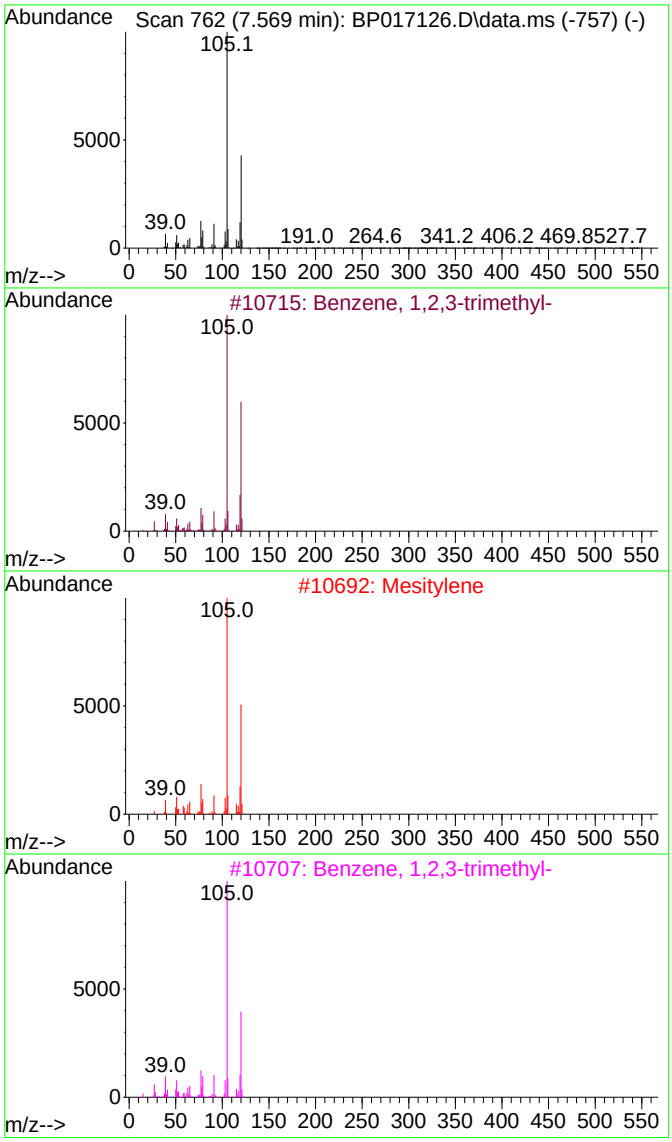
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

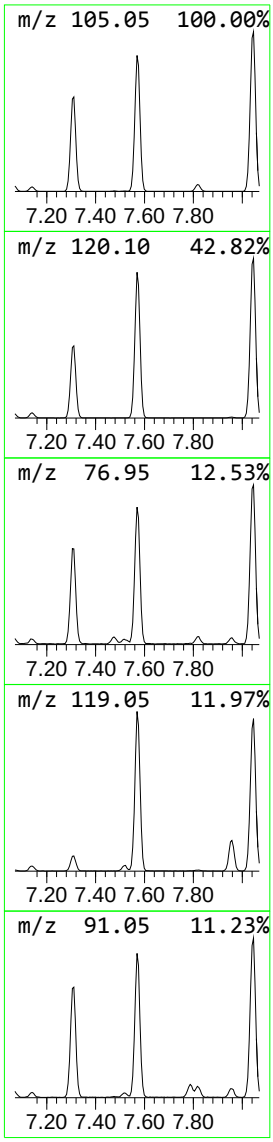
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.569 | 84.47 ng/ul | 4133210 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

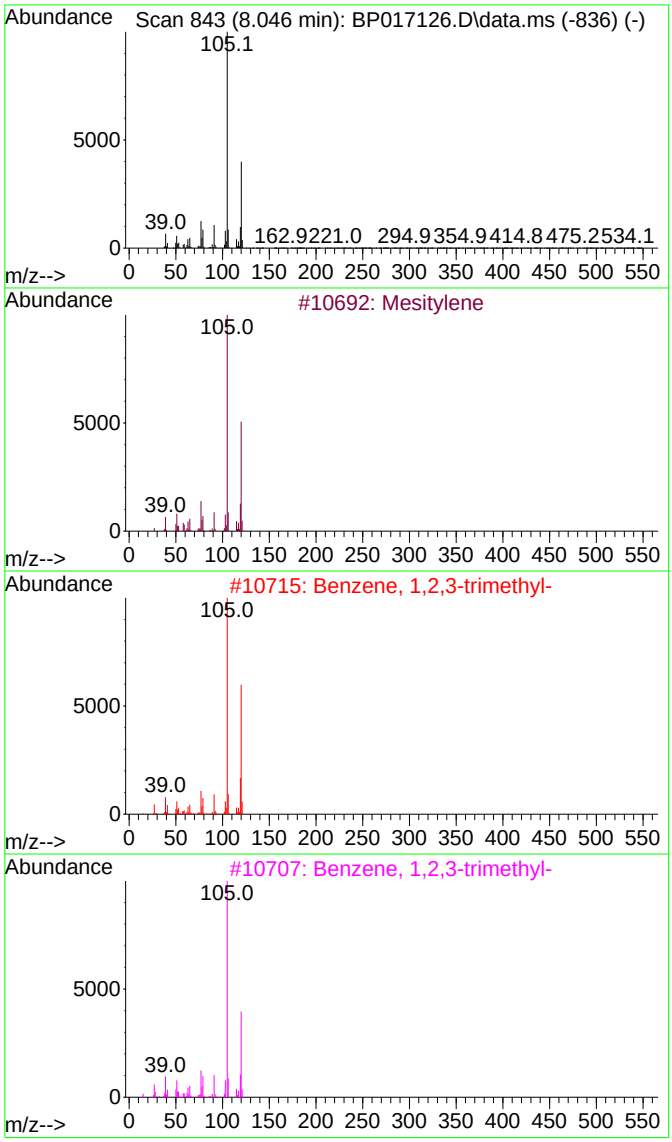
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

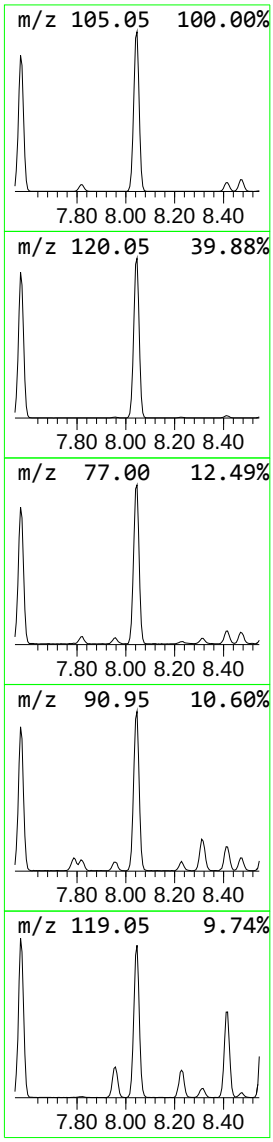
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Mesitylene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.046 | 102.43 ng/ul | 5012140 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

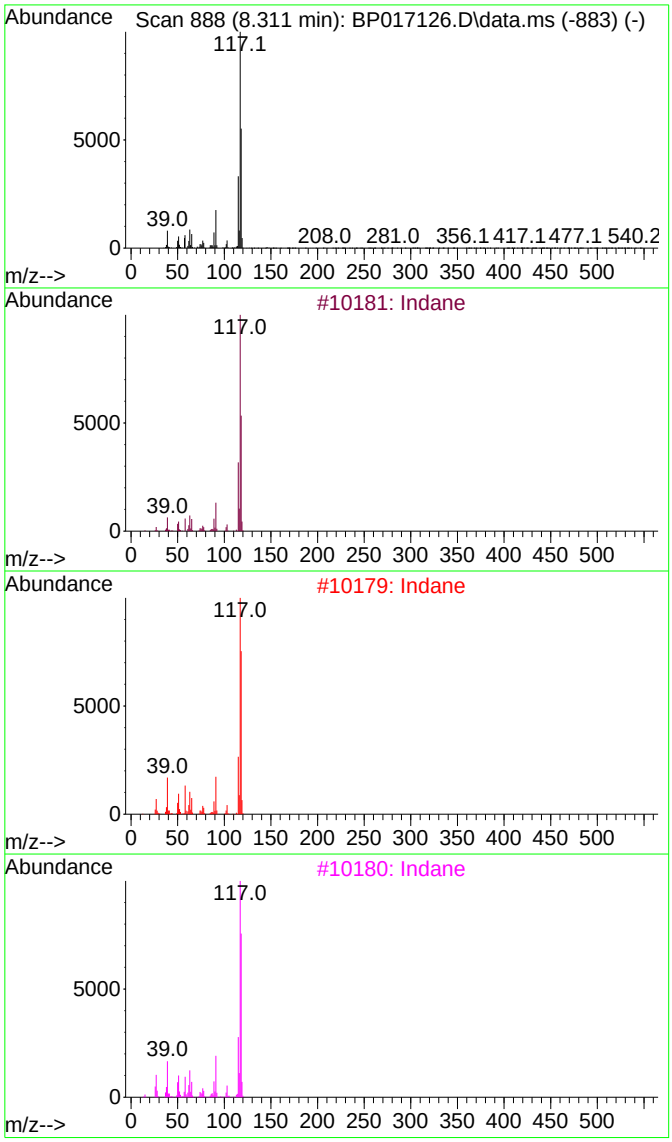
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

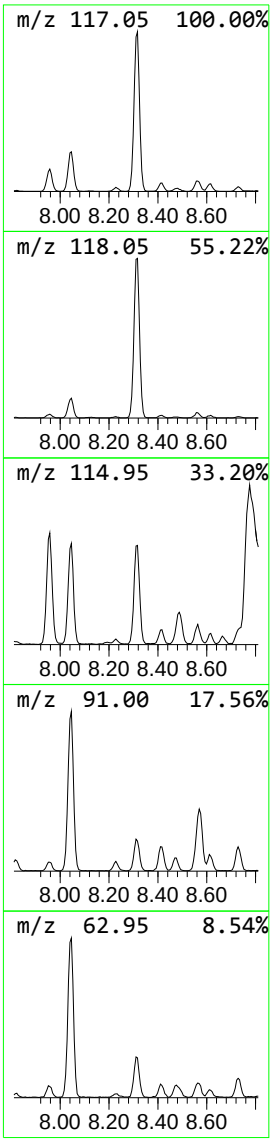
**********

Peak Number 9 Indane Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.311 | 14.13 ng/ul | 691362 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 90 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 83 |
| 5 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

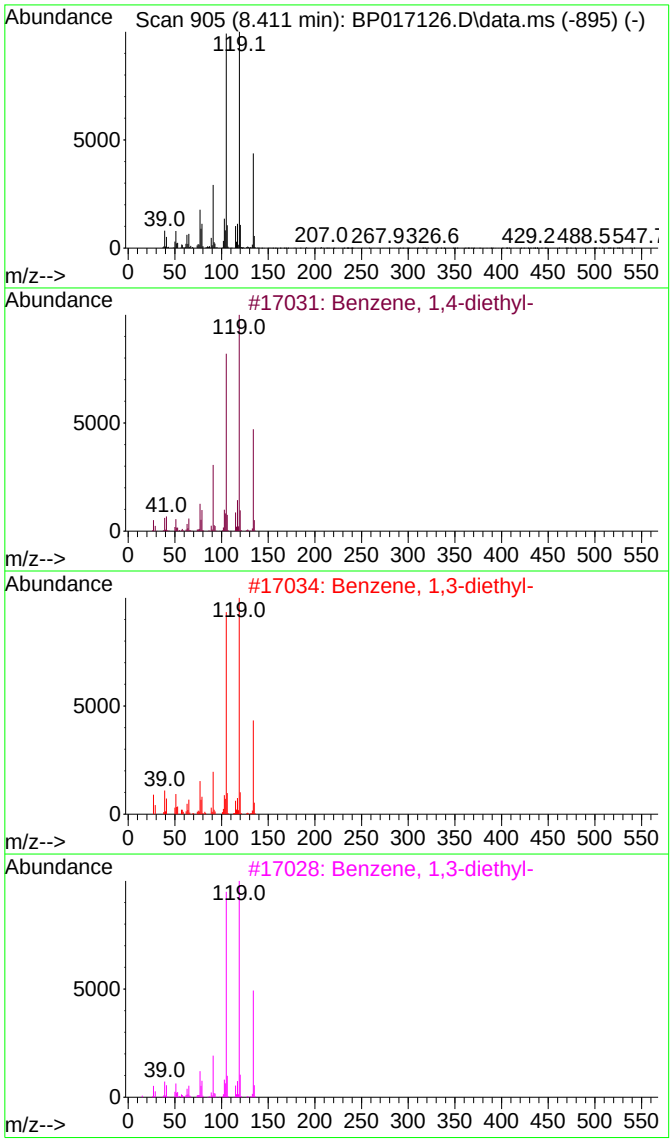
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

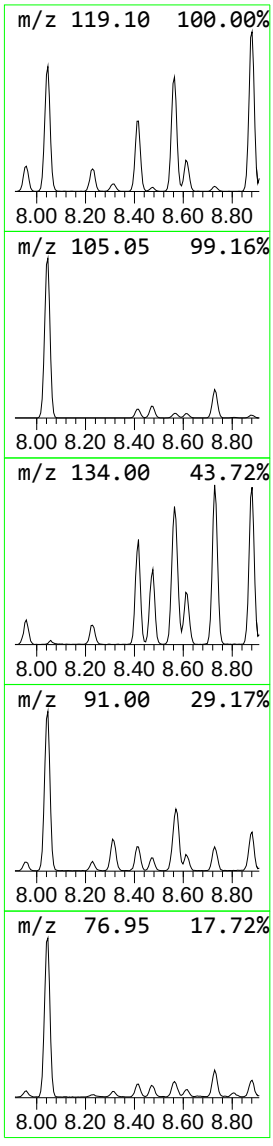
**********

Peak Number 10 Benzene, 1,4-diethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.411 | 10.16 ng/ul | 497172 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 97 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |
| 4 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

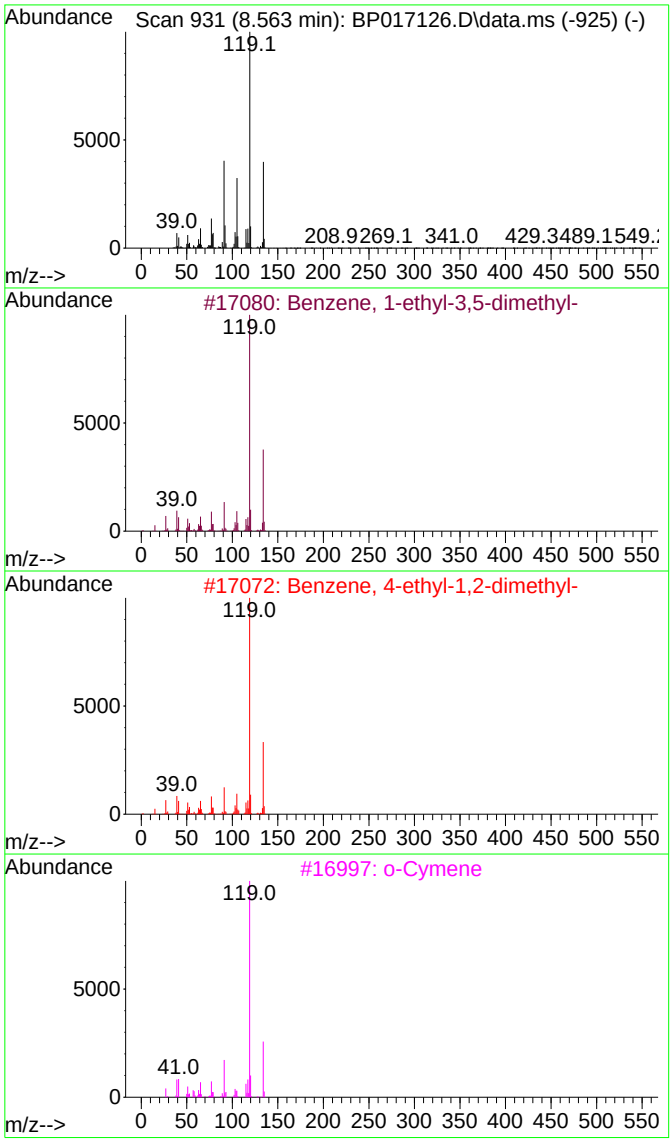
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

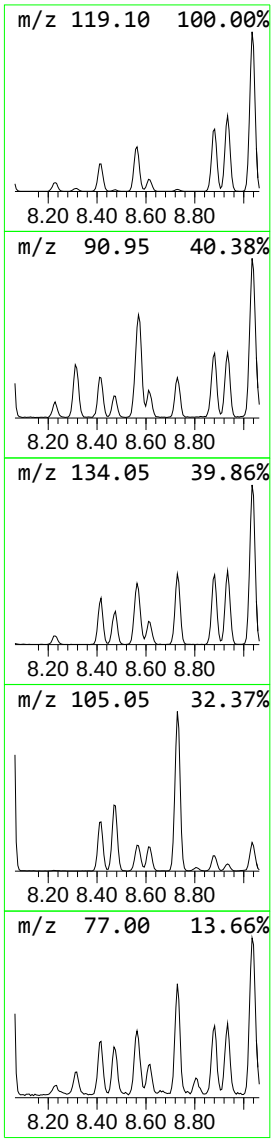
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.563 | 13.71 ng/ul | 670886 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 95 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 93 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 93 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

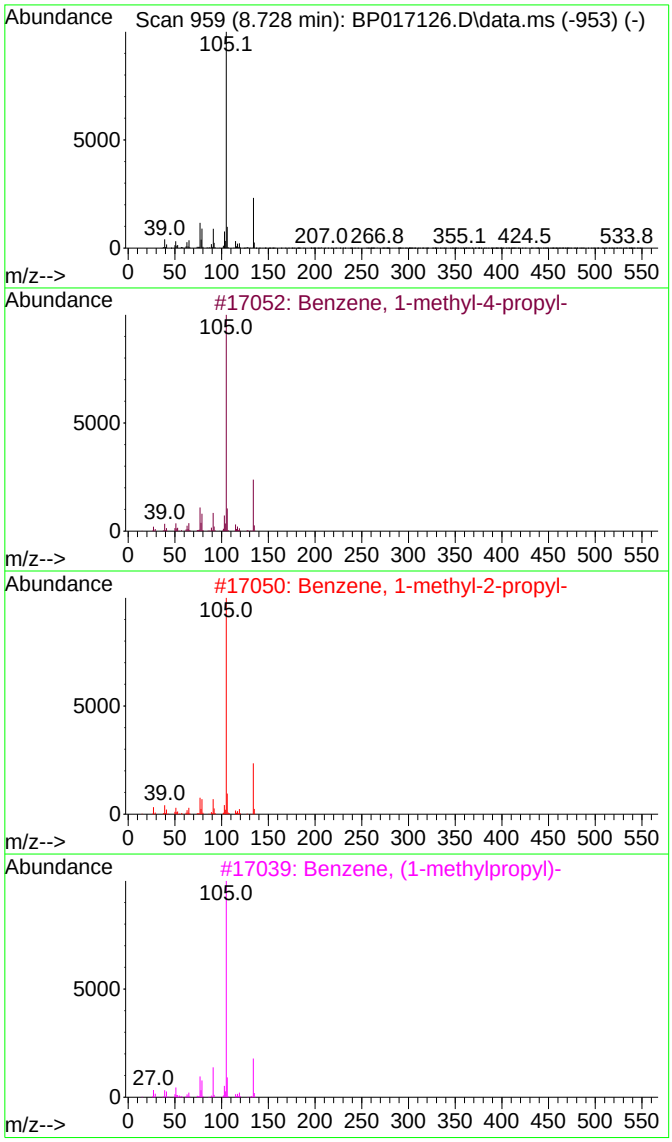
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

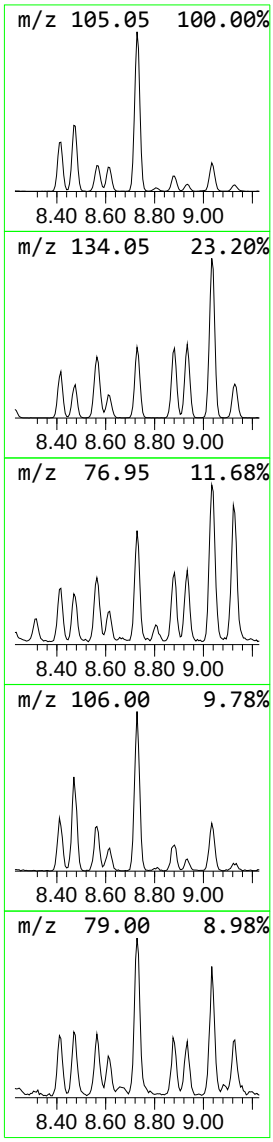
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.728 | 15.71 ng/ul | 768693 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 95 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 94 |
| 3 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 4 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

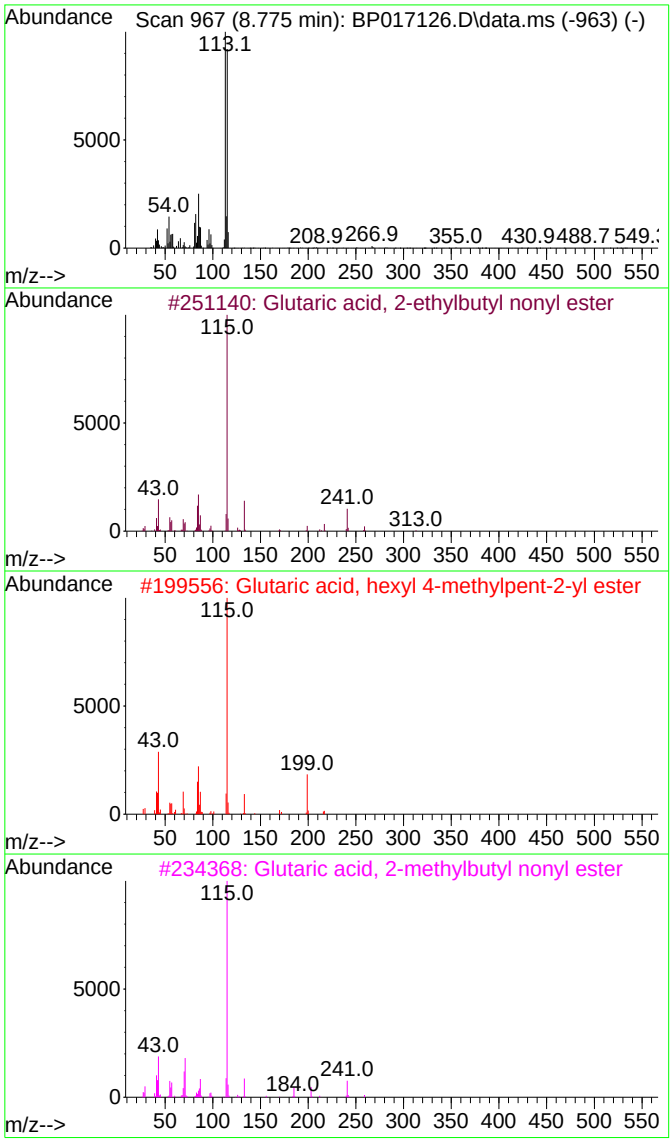
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

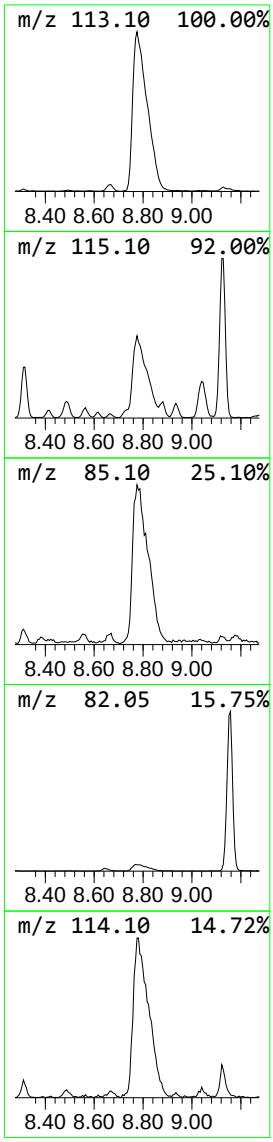
**********

Peak Number 13 unknown-01 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.775 | 28.08 ng/ul | 1373920 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Glutaric acid, 2-ethylbutyl nony... | 342 | C20H38O4 | 1000359-43-0 | 43 |
| 2 | Glutaric acid, hexyl 4-methylpen... | 300 | C17H32O4 | 1000359-38-2 | 43 |
| 3 | Glutaric acid, 2-methylbutyl non... | 328 | C19H36O4 | 1000358-39-8 | 38 |
| 4 | Glutaric acid, but-3-en-2-yl 2-e... | 298 | C17H30O4 | 1000405-23-9 | 38 |
| 5 | Glutaric acid, 2-hexyl octyl ester | 328 | C19H36O4 | 1000359-64-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

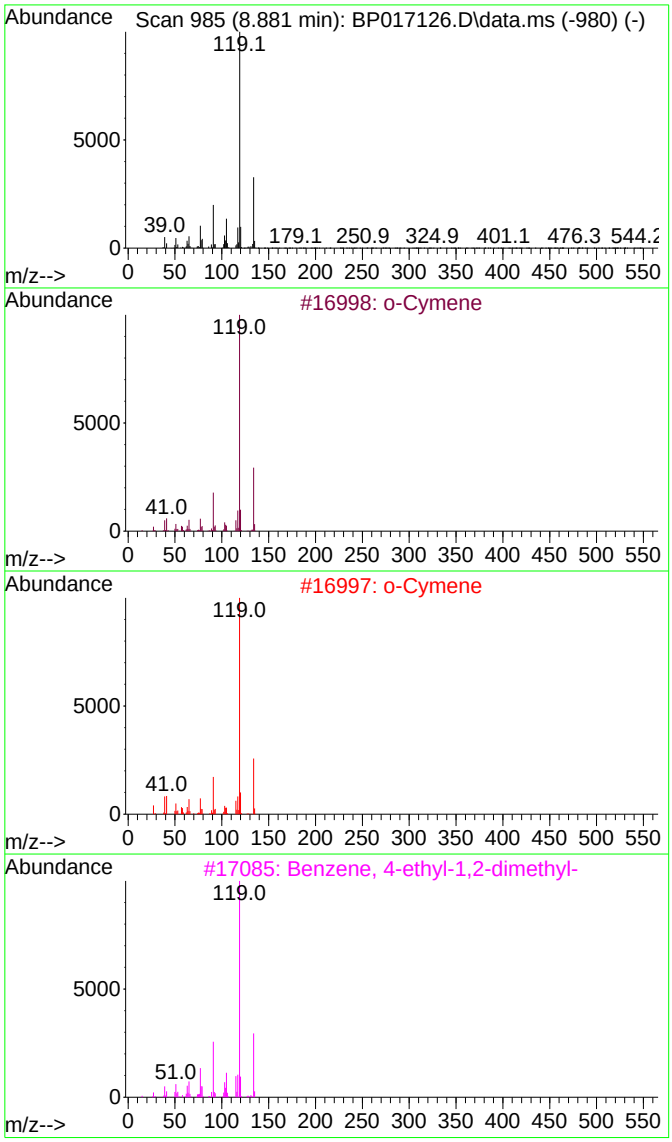
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

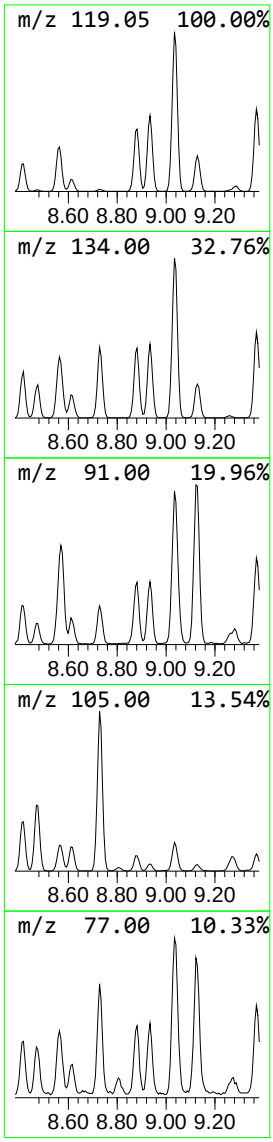
**********

Peak Number 14 o-Cymene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.881 | 13.31 ng/ul | 651147 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 5 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

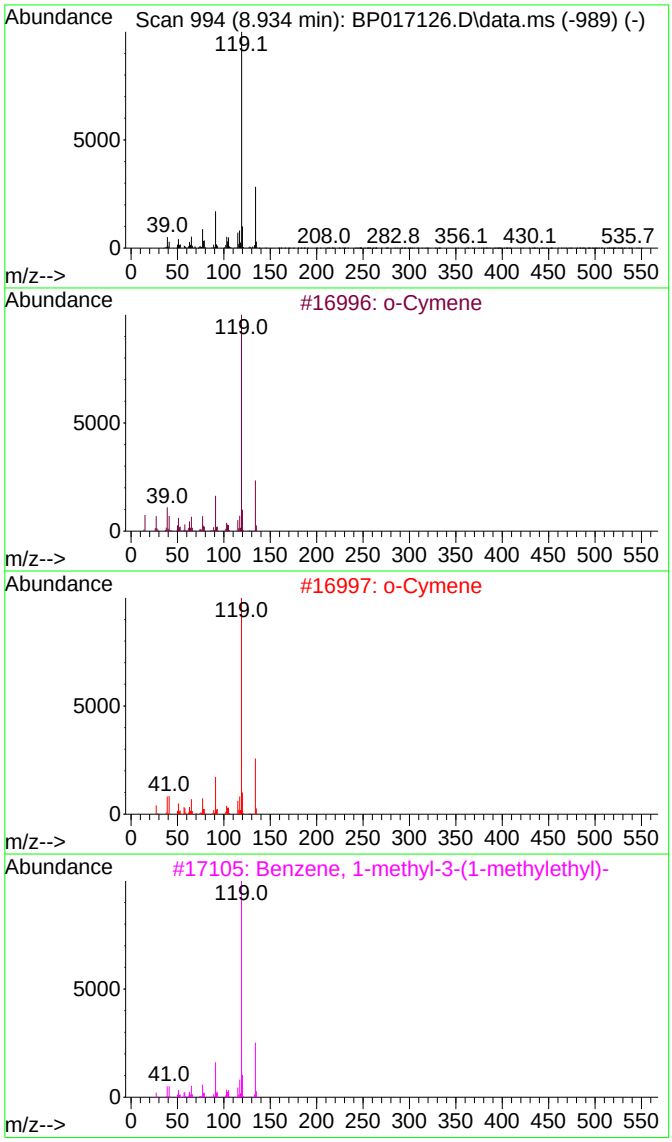
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

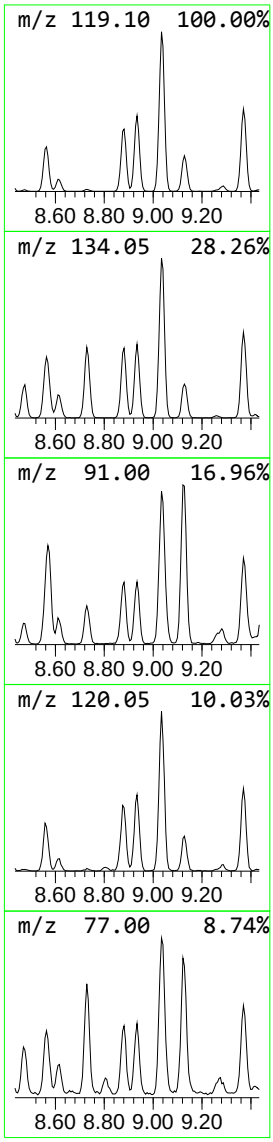
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.934 | 14.55 ng/ul | 711893 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 97 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

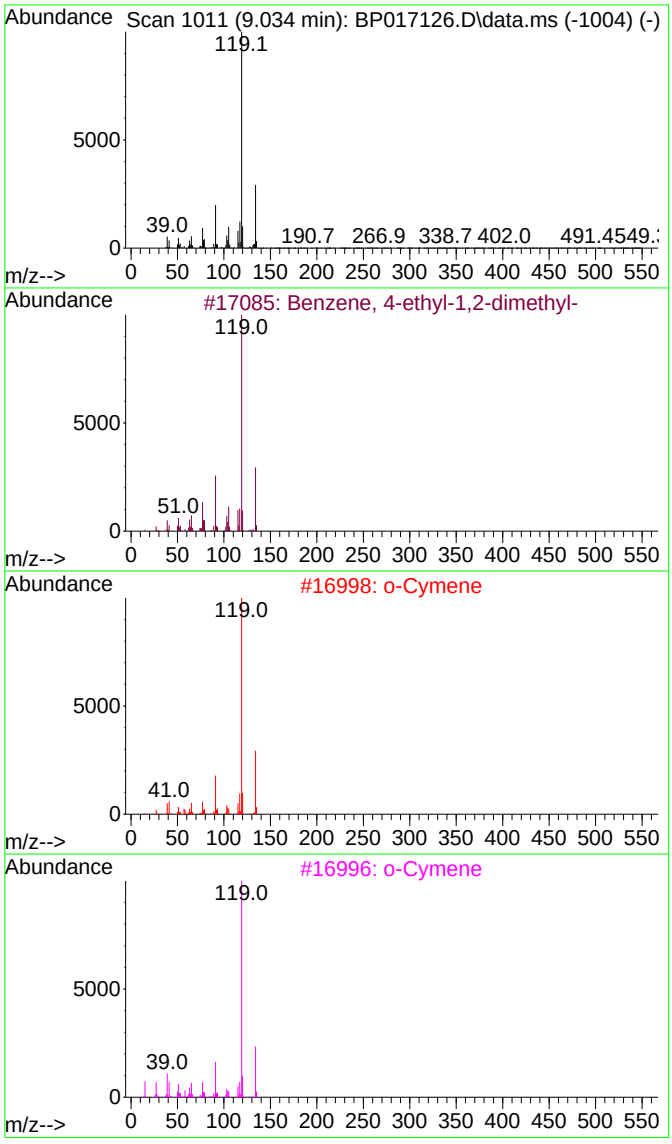
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

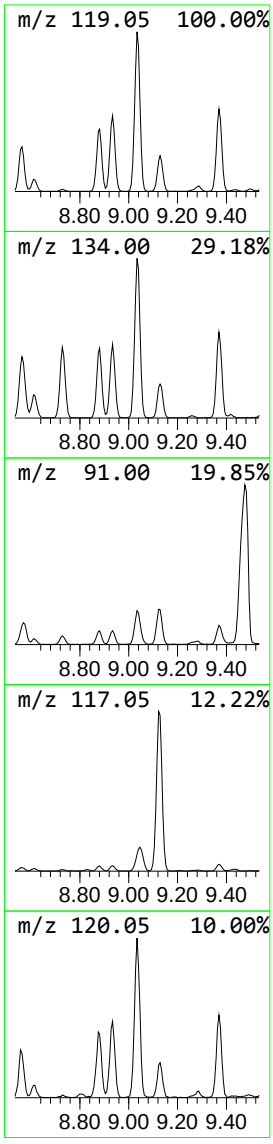
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.034 | 37.68 ng/ul | 1843690 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

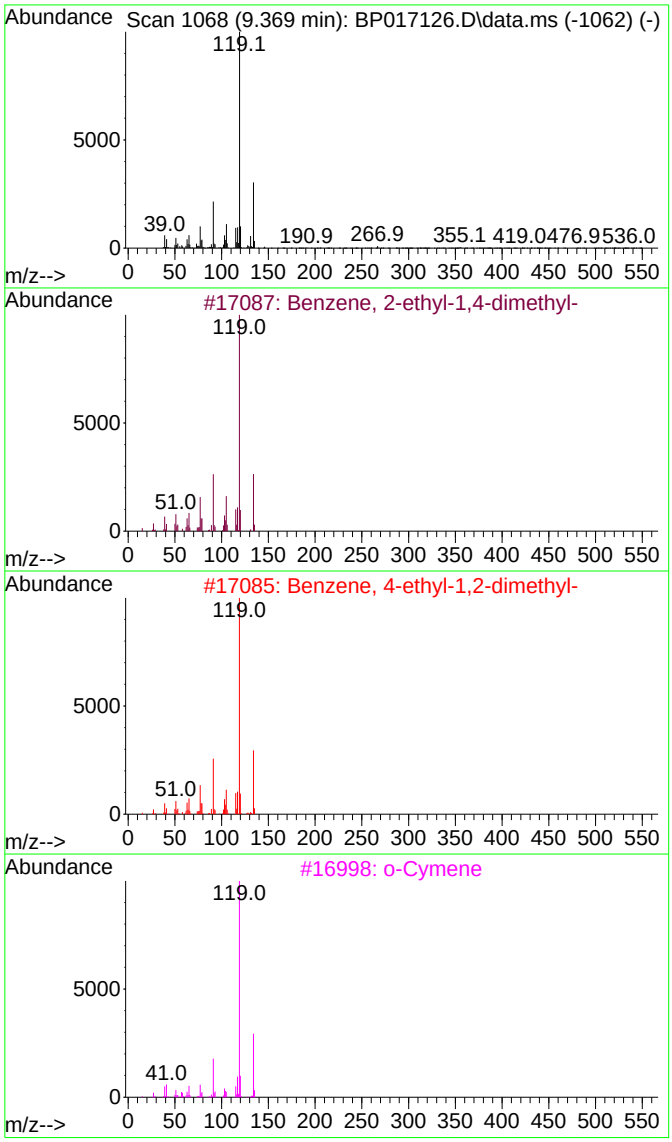
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

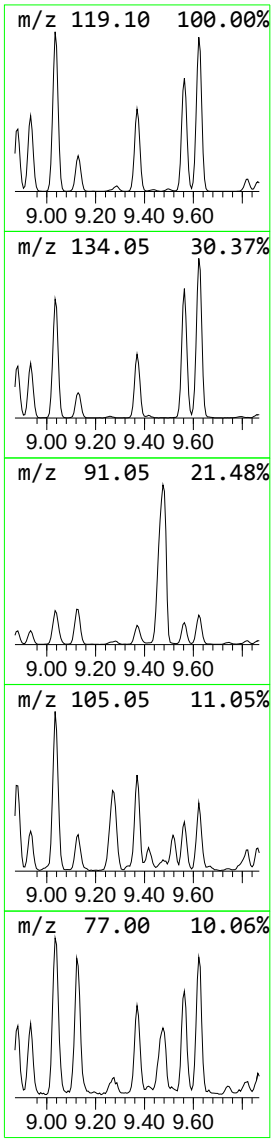
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.369 | 20.31 ng/ul | 993946 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

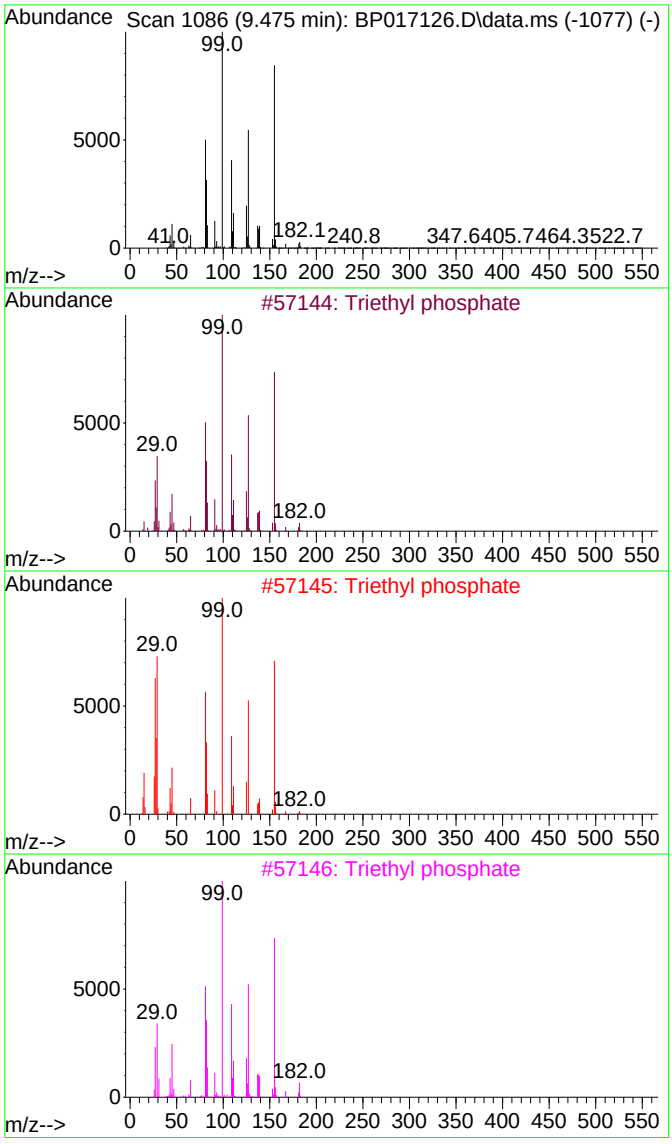
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

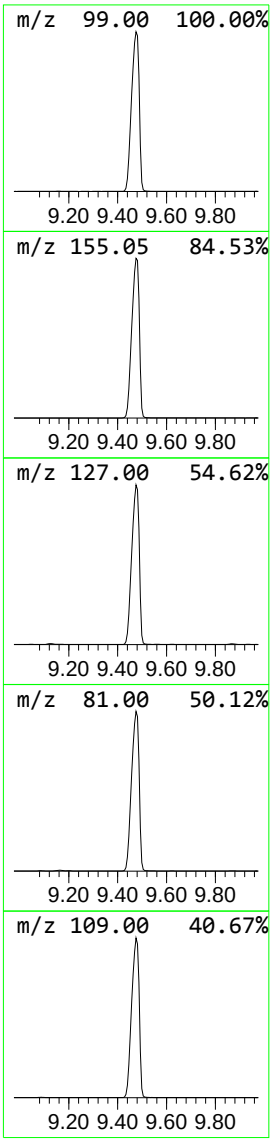
**********

Peak Number 18 Triethyl phosphate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.475 | 253.71 ng/ul | 31943200 | Naphthalene-d8 | 10.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 97 |
| 2 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 94 |
| 3 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 91 |
| 4 | Triethyl phosphate | 182 | C6H15O4P | 000078-40-0 | 91 |
| 5 | Phosphoric acid, diethyl octyl e... | 266 | C12H27O4P | 1000308-90-4 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

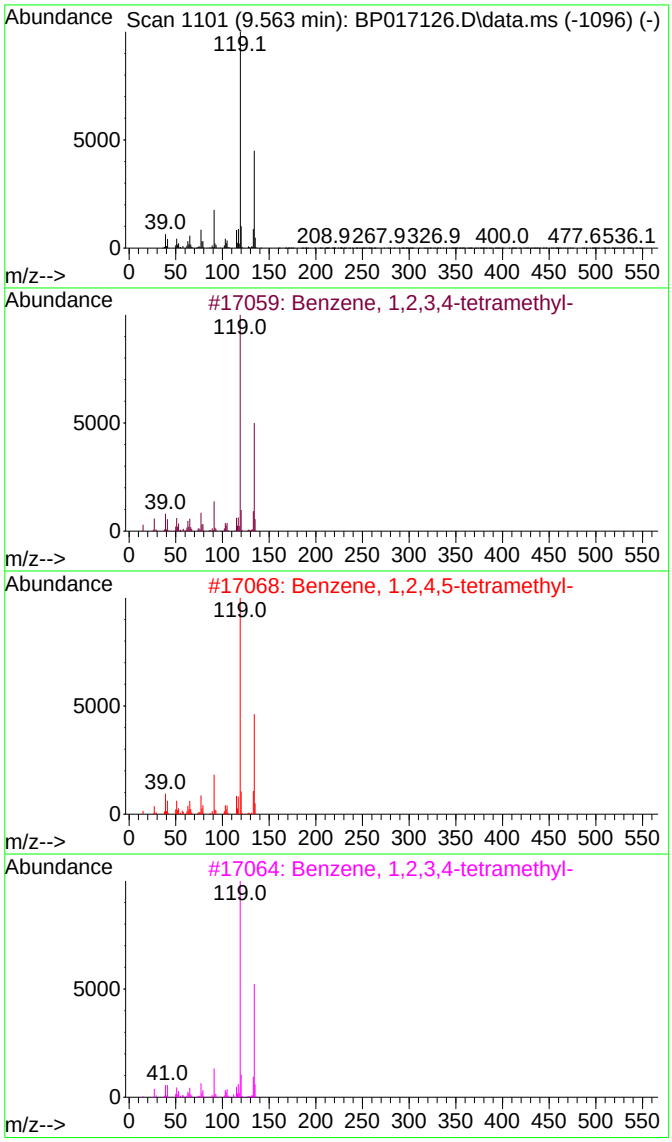
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

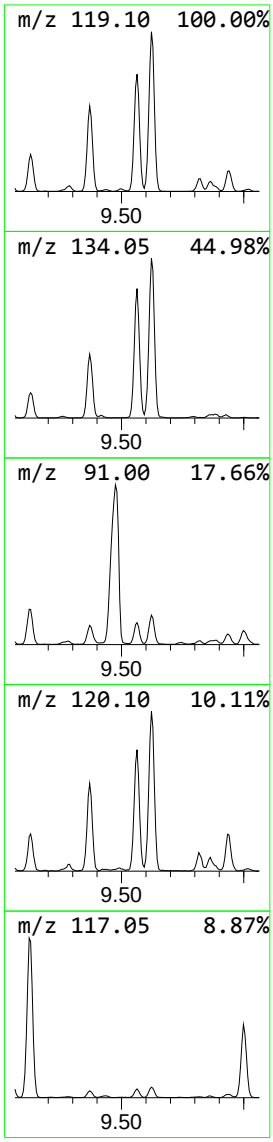
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.563 | 9.66 ng/ul | 1216730 | Naphthalene-d8 | 10.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 97 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

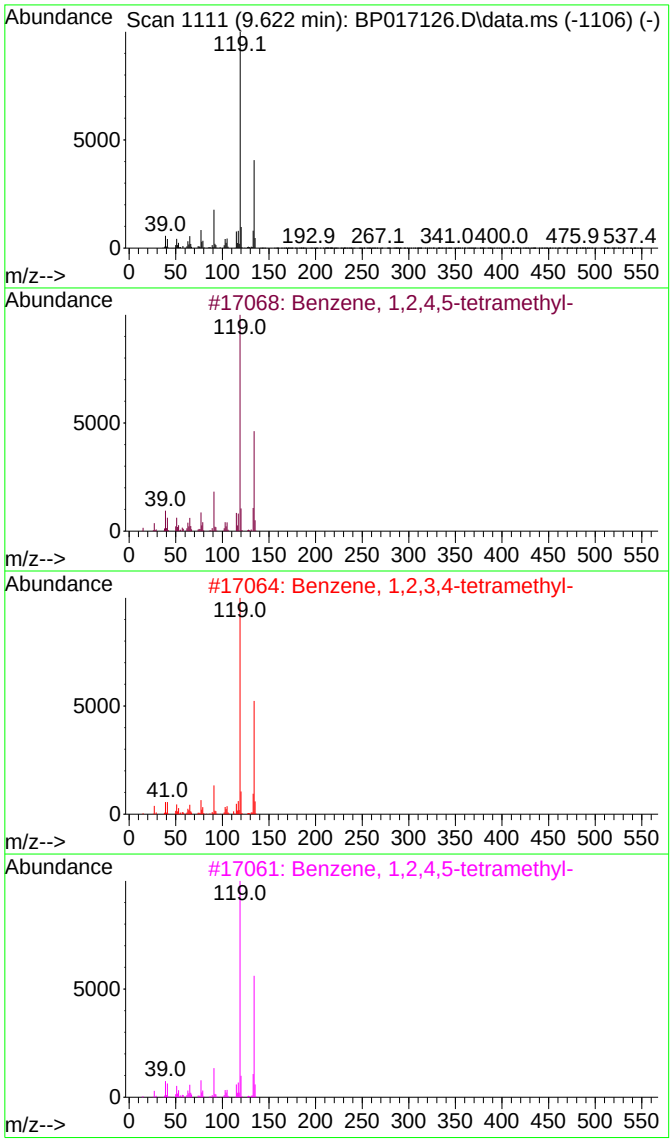
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

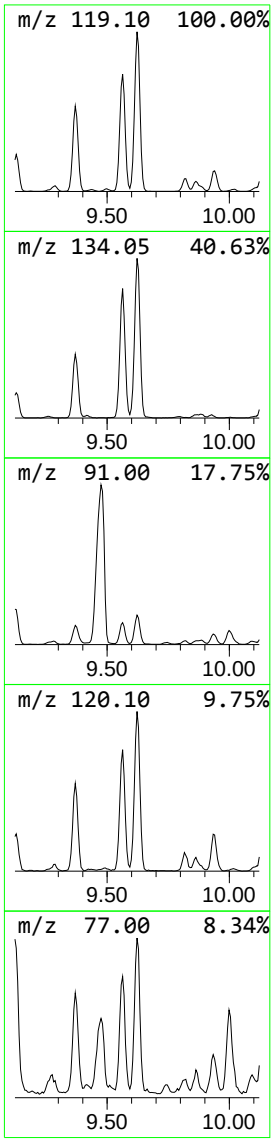
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.622 | 12.93 ng/ul | 1628400 | Naphthalene-d8 | 10.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

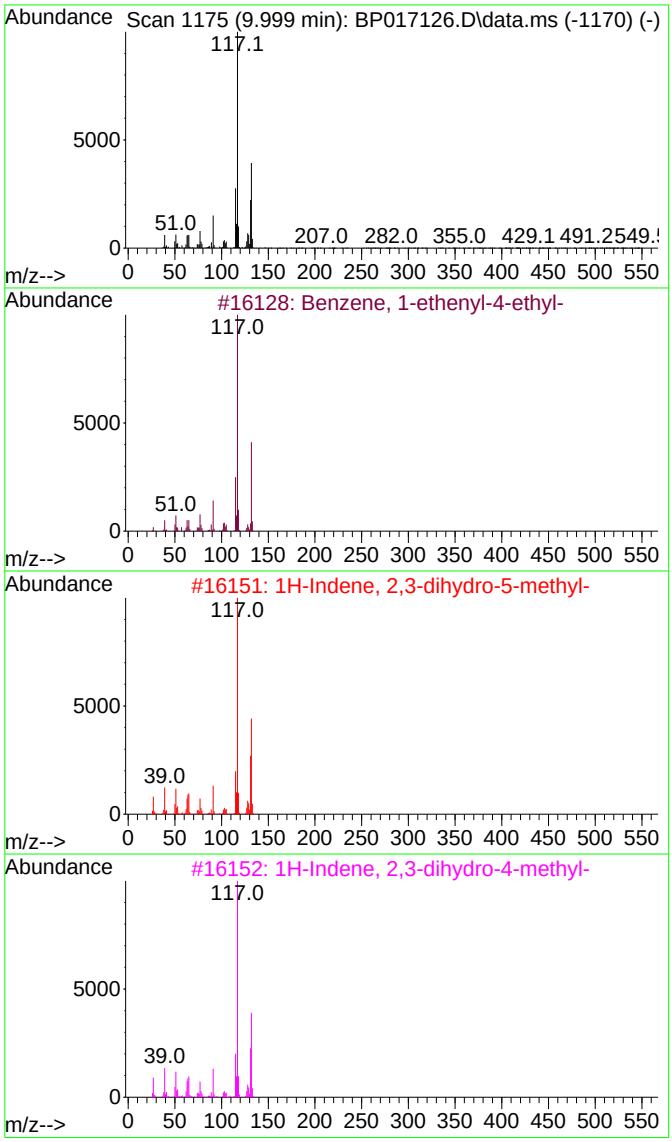
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

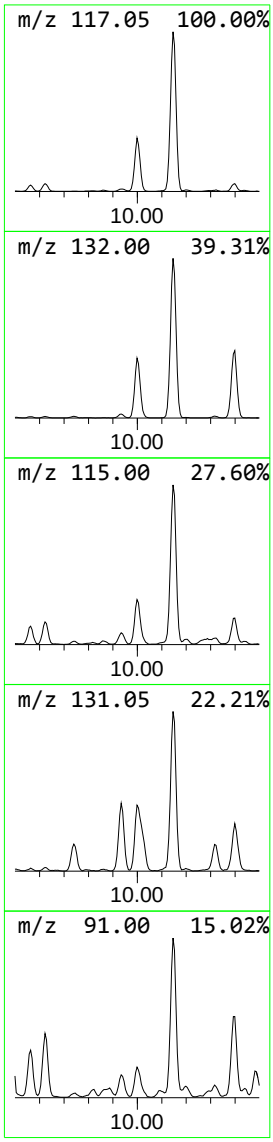
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.999 | 9.19 ng/ul | 1156970 | Naphthalene-d8 | 10.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 94 |
| 4 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 93 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

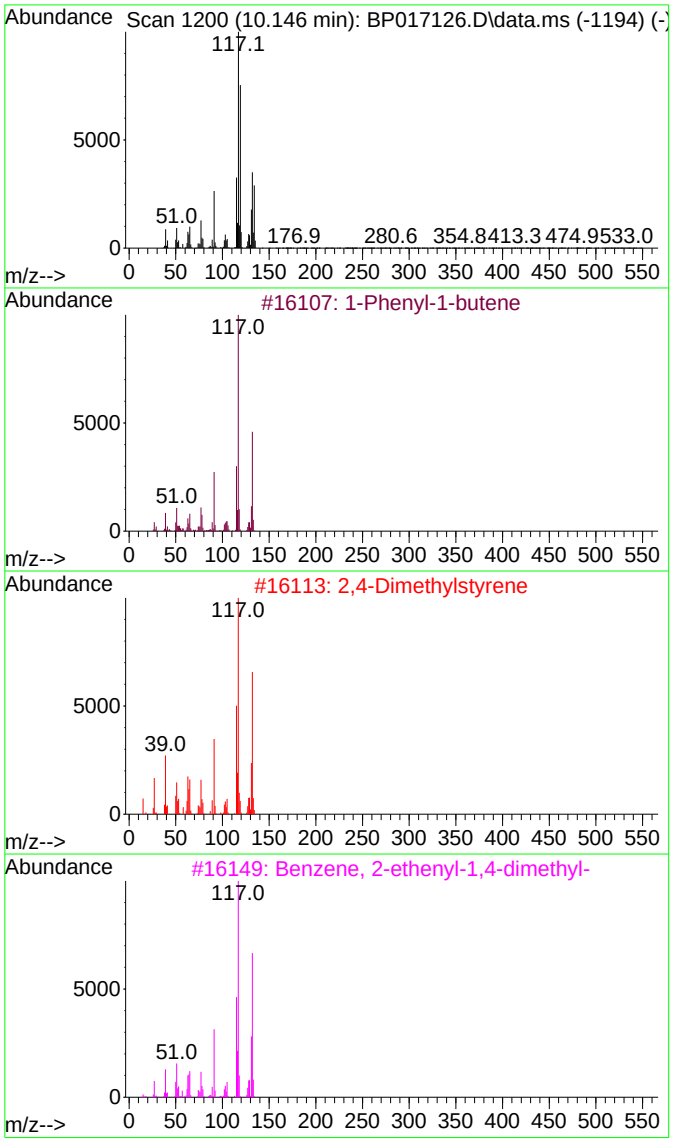
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

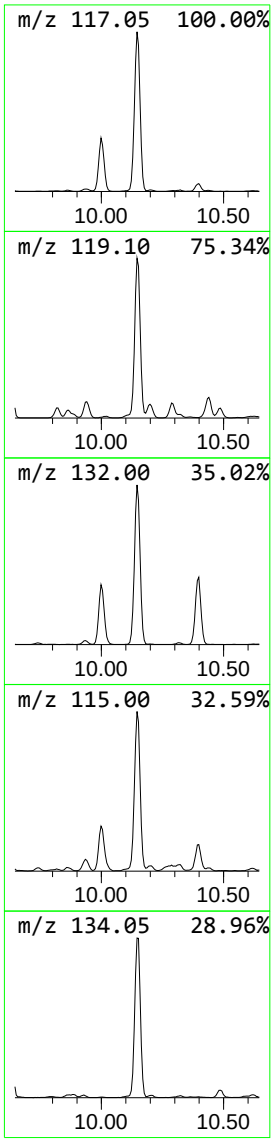
**********

Peak Number 23 1-Phenyl-1-butene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.146 | 38.90 ng/ul | 4897860 | Naphthalene-d8 | 10.781 |

| 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 | 94 |
| 3 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 89 |
| 4 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

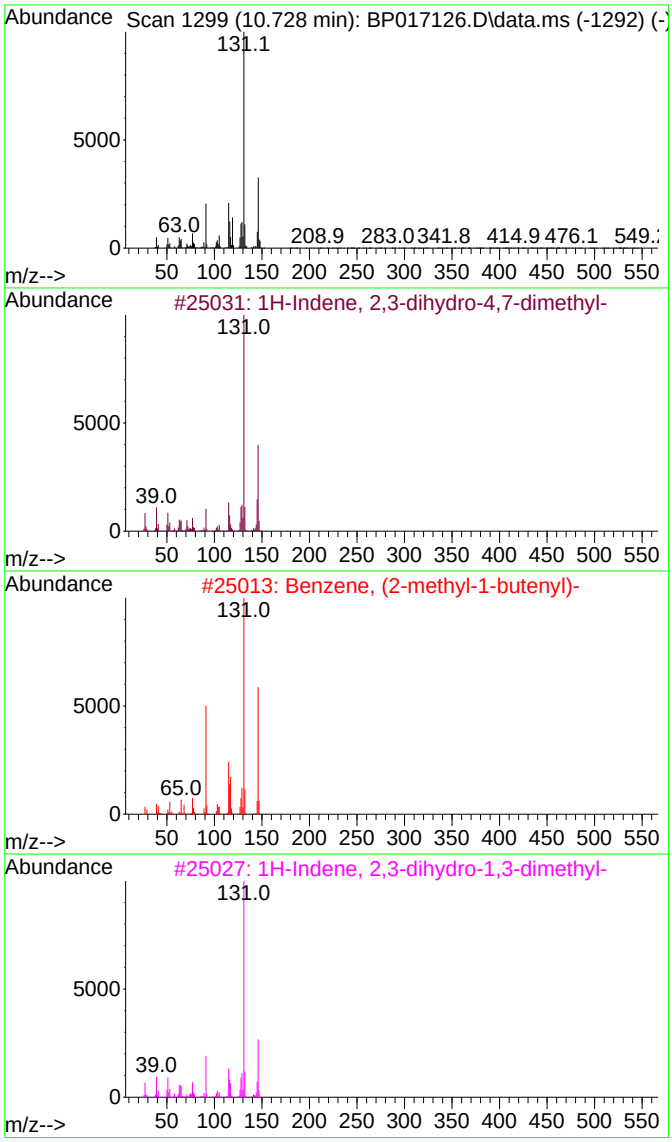
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

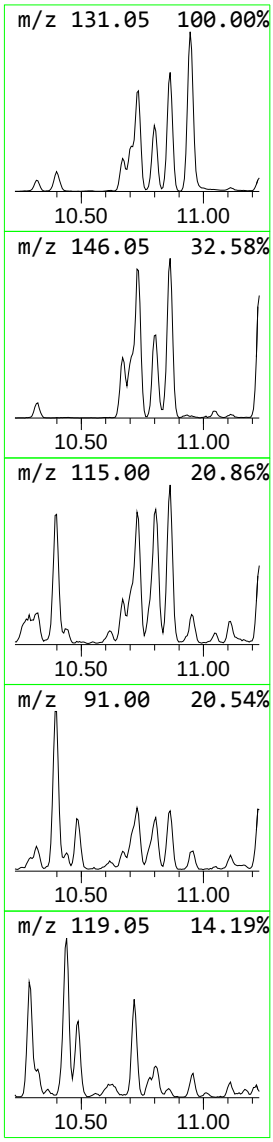
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.728 | 9.28 ng/ul | 1168030 | Naphthalene-d8 | 10.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 93 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14 | 004175-53-5 | 91 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 90 |
| 5 | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14 | 052161-57-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

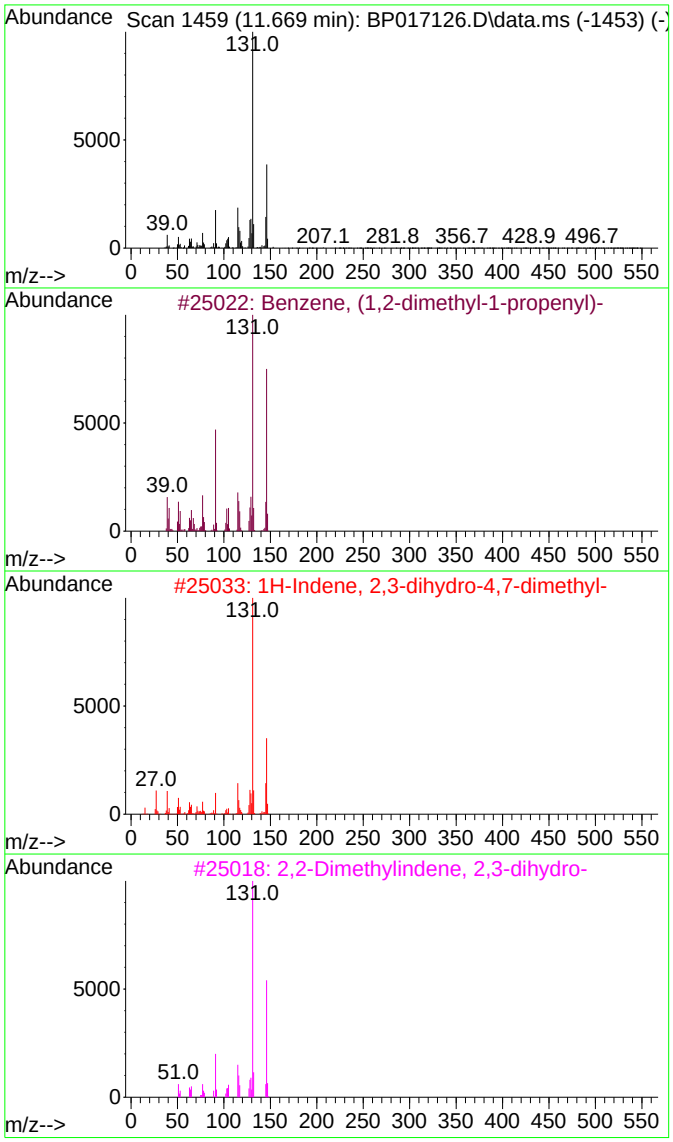
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

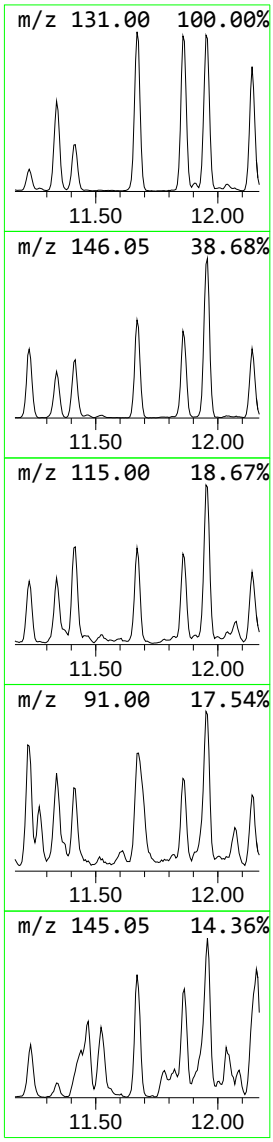
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.669 | 9.06 ng/ul | 1141020 | Naphthalene-d8 | 10.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 96 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 96 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 95 |
| 4 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 95 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

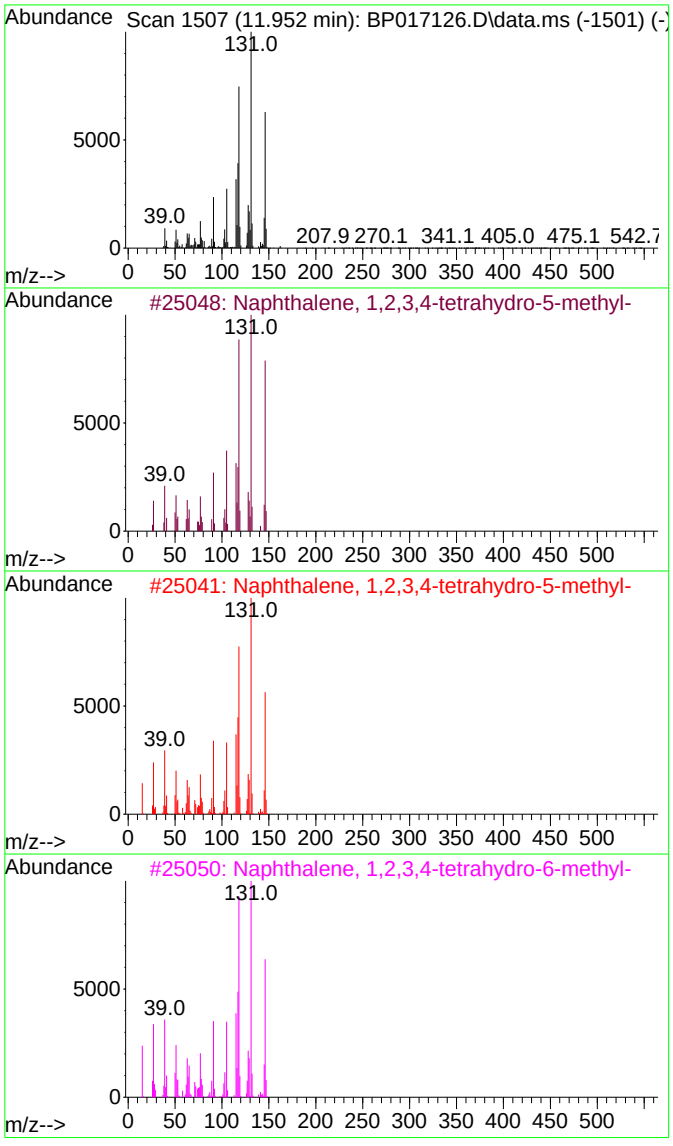
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

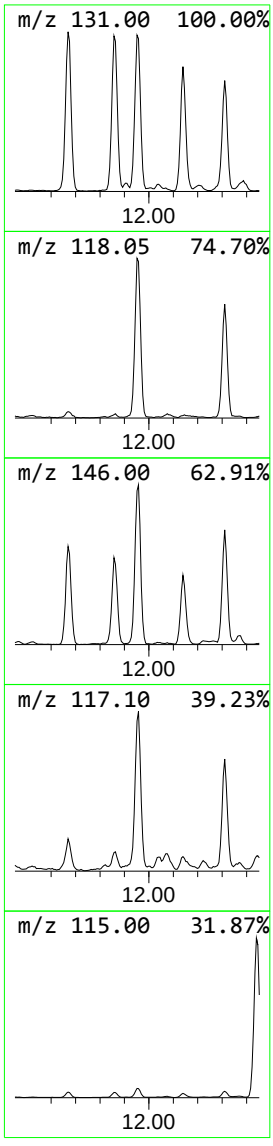
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.952 | 12.32 ng/ul | 1551600 | Naphthalene-d8 | 10.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 97 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 96 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 96 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 95 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

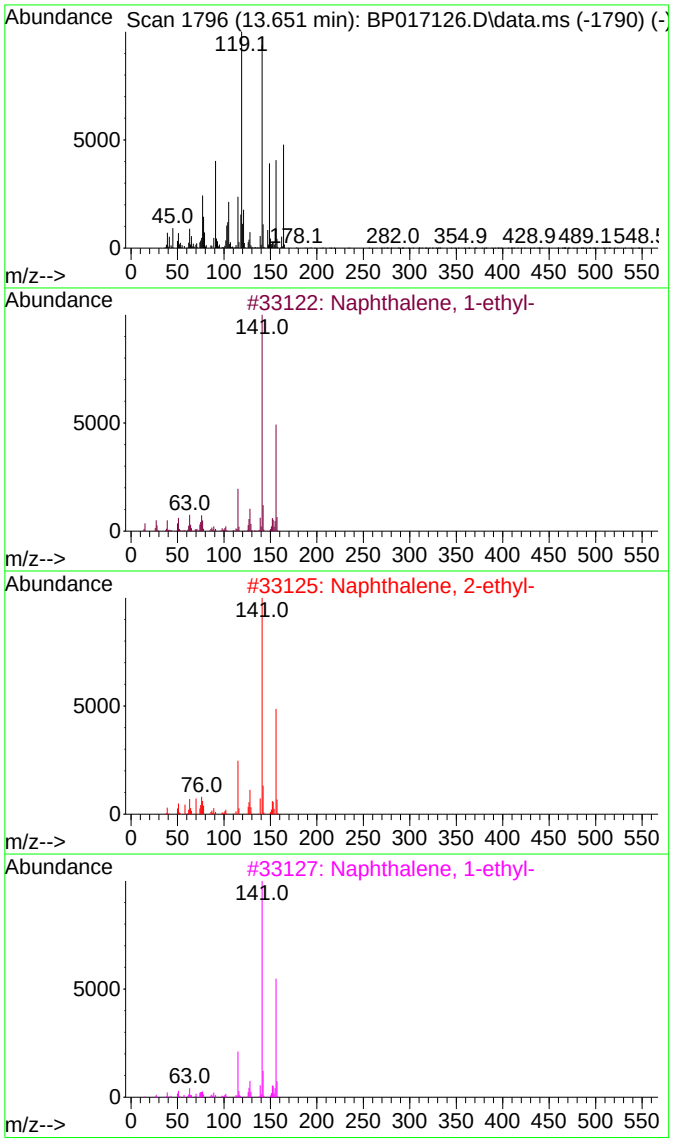
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

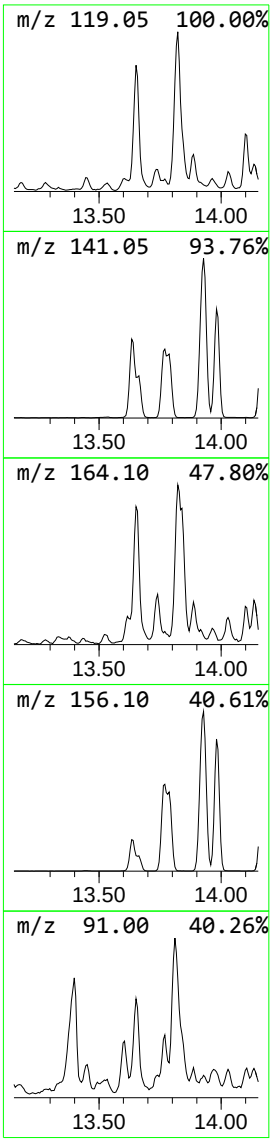
**********

Peak Number 40 Naphthalene, 1-ethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.652 | 17.46 ng/ul | 2809100 | Acenaphthene-d10 | 14.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 55 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 46 |
| 3 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 46 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 35 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

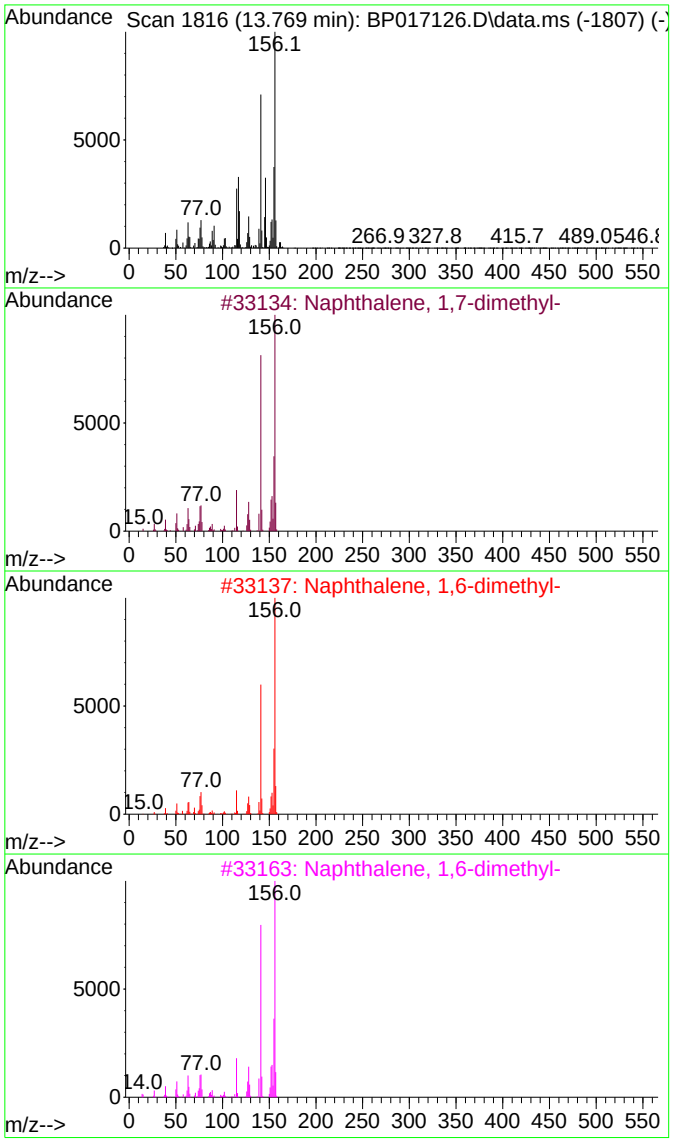
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

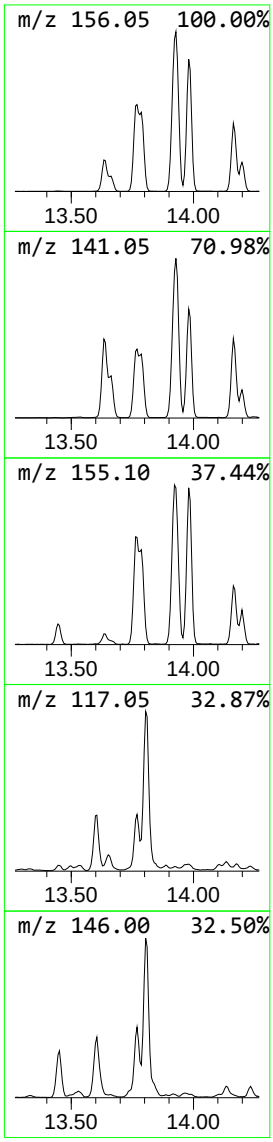
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 Naphthalene, 1,7-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.769 | 19.61 ng/ul | 3155080 | Acenaphthene-d10 | 14.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

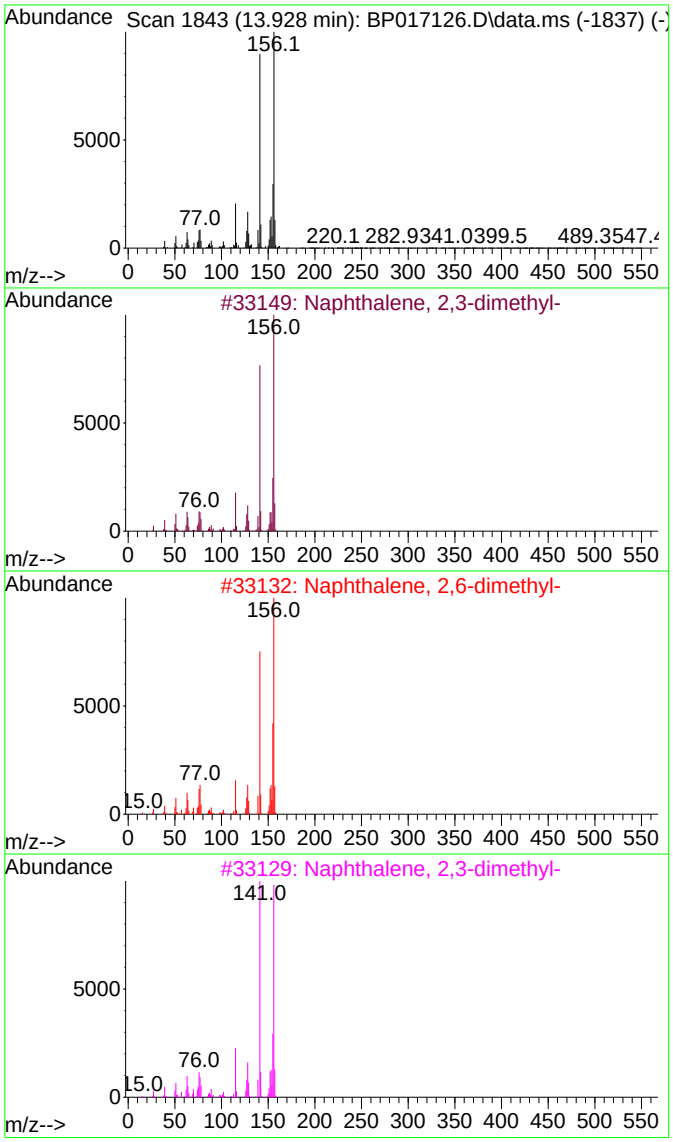
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

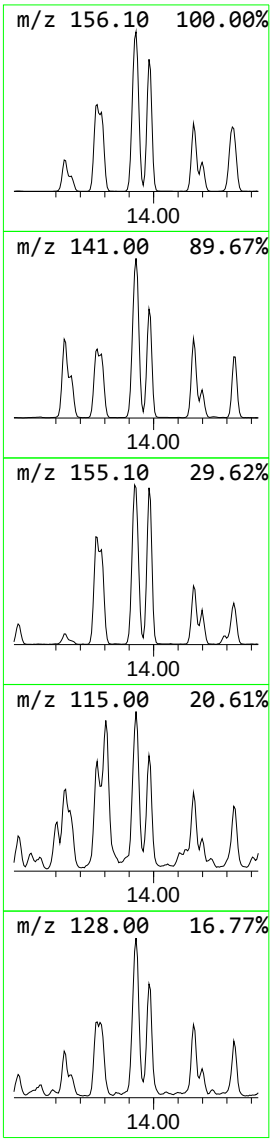
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 Naphthalene, 2,3-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.928 | 26.66 ng/ul | 4290670 | Acenaphthene-d10 | 14.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

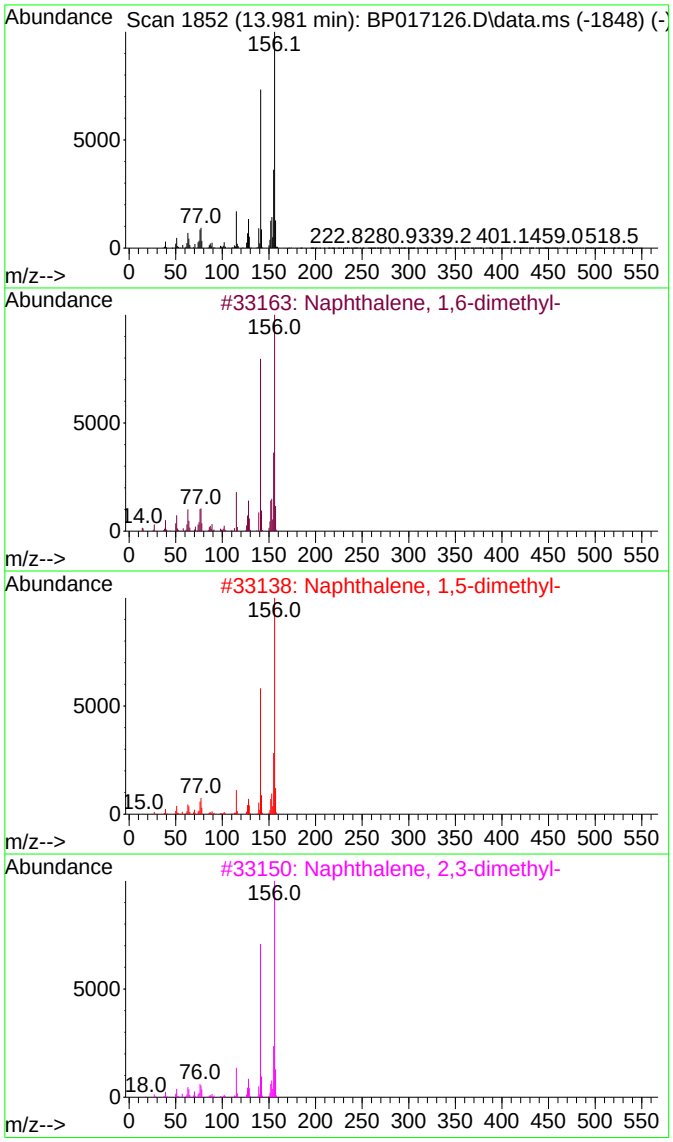
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

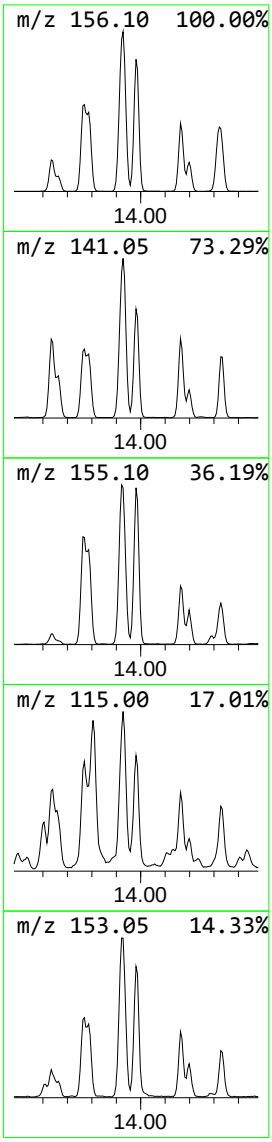
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 Naphthalene, 1,6-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.981 | 17.47 ng/ul | 2810990 | Acenaphthene-d10 | 14.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 2 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
Quant Title : SVOA CALIBRATION

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

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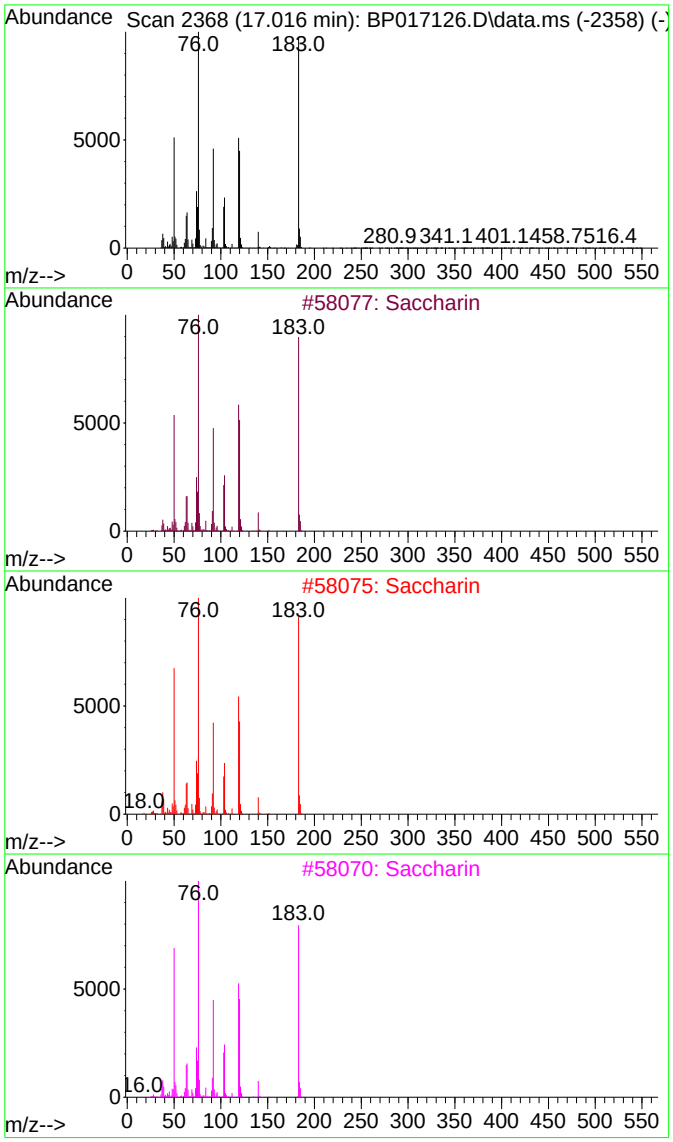
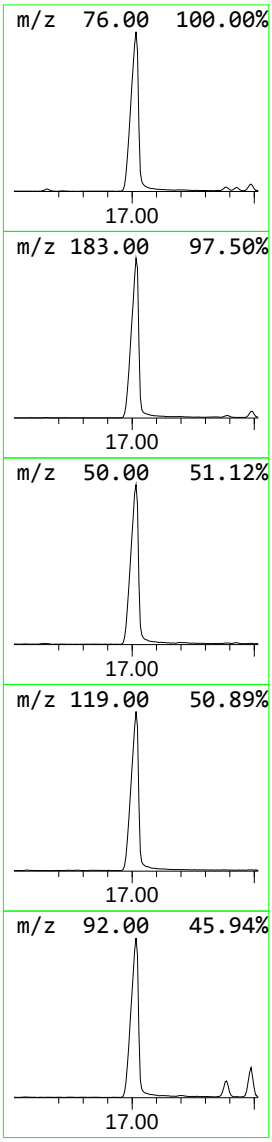
Peak Number 59 Saccharin Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.016 | 83.67 ng/ul | 15976400 | Phenanthrene-d10 | 17.387 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Saccharin | 183 | C7H5NO3S | 000081-07-2 | 99 |
| 2 | Saccharin | 183 | C7H5NO3S | 000081-07-2 | 99 |
| 3 | Saccharin | 183 | C7H5NO3S | 000081-07-2 | 99 |
| 4 | Saccharin | 183 | C7H5NO3S | 000081-07-2 | 96 |
| 5 | Saccharin | 183 | C7H5NO3S | 000081-07-2 | 96 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
Data File : BP017126.D
Acq On : 12 Sep 2023 20:42
Operator : MA/JU
Sample : 04247-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BBJS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.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 |
| Tetrachloroethy... | 4.587 | 1093.8 | ng/ul | 53521700 | 1 | 7.958 | 978635 | 20.0 |
| p-Xylene | 5.540 | 24.6 | ng/ul | 1203960 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 1,3-di... | 5.917 | 102.6 | ng/ul | 5019990 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, (1-met... | 6.399 | 8.2 | ng/ul | 401351 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 1-ethy... | 7.005 | 17.2 | ng/ul | 843405 | 1 | 7.958 | 978635 | 20.0 |
| 4H-Imidazol-4-o... | 7.211 | 9.1 | ng/ul | 444332 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 1,2,3-... | 7.569 | 84.5 | ng/ul | 4133210 | 1 | 7.958 | 978635 | 20.0 |
| Mesitylene | 8.046 | 102.4 | ng/ul | 5012140 | 1 | 7.958 | 978635 | 20.0 |
| Indane | 8.311 | 14.1 | ng/ul | 691362 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 1,4-di... | 8.411 | 10.2 | ng/ul | 497172 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 1-ethy... | 8.563 | 13.7 | ng/ul | 670886 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 1-meth... | 8.728 | 15.7 | ng/ul | 768693 | 1 | 7.958 | 978635 | 20.0 |
| unknown-01 | 8.775 | 28.1 | ng/ul | 1373920 | 1 | 7.958 | 978635 | 20.0 |
| o-Cymene | 8.881 | 13.3 | ng/ul | 651147 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 1-meth... | 8.934 | 14.6 | ng/ul | 711893 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 4-ethy... | 9.034 | 37.7 | ng/ul | 1843690 | 1 | 7.958 | 978635 | 20.0 |
| Benzene, 2-ethy... | 9.369 | 20.3 | ng/ul | 993946 | 1 | 7.958 | 978635 | 20.0 |
| Triethyl phosphate | 9.475 | 253.7 | ng/ul | 31943200 | 2 | 10.781 | 2518080 | 20.0 |
| Benzene, 1,2,3,... | 9.563 | 9.7 | ng/ul | 1216730 | 2 | 10.781 | 2518080 | 20.0 |
| Benzene, 1,2,4,... | 9.622 | 12.9 | ng/ul | 1628400 | 2 | 10.781 | 2518080 | 20.0 |
| Benzene, 1-ethe... | 9.999 | 9.2 | ng/ul | 1156970 | 2 | 10.781 | 2518080 | 20.0 |
| 1-Phenyl-1-butene | 10.146 | 38.9 | ng/ul | 4897860 | 2 | 10.781 | 2518080 | 20.0 |
| 1H-Indene, 2,3-... | 10.728 | 9.3 | ng/ul | 1168030 | 2 | 10.781 | 2518080 | 20.0 |
| Benzene, (1,2-d... | 11.669 | 9.1 | ng/ul | 1141020 | 2 | 10.781 | 2518080 | 20.0 |
| Naphthalene, 1,... | 11.952 | 12.3 | ng/ul | 1551600 | 2 | 10.781 | 2518080 | 20.0 |
| Naphthalene, 1-... | 13.652 | 17.5 | ng/ul | 2809100 | 3 | 14.616 | 3218370 | 20.0 |
| Naphthalene, 1,... | 13.769 | 19.6 | ng/ul | 3155080 | 3 | 14.616 | 3218370 | 20.0 |
| Naphthalene, 2,... | 13.928 | 26.7 | ng/ul | 4290670 | 3 | 14.616 | 3218370 | 20.0 |
| Naphthalene, 1,... | 13.981 | 17.5 | ng/ul | 2810990 | 3 | 14.616 | 3218370 | 20.0 |
| Saccharin | 17.016 | 83.7 | ng/ul | 15976400 | 4 | 17.387 | 3818850 | 20.0 |