LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-6A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\Methods\8270-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060079.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.143 | 4 | 9 | 16 | rVB | 377132 | 729510 | 1.19% | 0.394% |
| 2 | 4.166 | 172 | 183 | 203 | rBV | 28645518 | 61316874 | 100.00% | 33.126% |
| 3 | 5.470 | 396 | 405 | 411 | rBV | 874604 | 1536197 | 2.51% | 0.830% |
| 4 | 5.535 | 411 | 416 | 420 | rVV | 532777 | 885570 | 1.44% | 0.478% |
| 5 | 5.611 | 420 | 429 | 444 | rVB | 12414454 | 33025373 | 53.86% | 17.842% |
| 6 | 5.975 | 482 | 491 | 504 | rBV | 8332033 | 13612324 | 22.20% | 7.354% |
| 7 | 7.045 | 663 | 673 | 678 | rBV | 2796203 | 4370162 | 7.13% | 2.361% |
| 8 | 7.103 | 678 | 683 | 690 | rVV2 | 1825762 | 3008606 | 4.91% | 1.625% |
| 9 | 7.180 | 690 | 696 | 706 | rVB | 1223410 | 1980809 | 3.23% | 1.070% |
| 10 | 7.344 | 715 | 724 | 731 | rBV | 1684389 | 2660436 | 4.34% | 1.437% |
| 11 | 7.609 | 757 | 769 | 776 | rBV | 7248569 | 11867526 | 19.35% | 6.411% |
| 12 | 8.073 | 840 | 848 | 856 | rVB | 2013670 | 3310442 | 5.40% | 1.788% |
| 13 | 8.331 | 884 | 892 | 897 | rBV | 1928362 | 3184518 | 5.19% | 1.720% |
| 14 | 8.396 | 897 | 903 | 908 | rVV | 2438204 | 3978883 | 6.49% | 2.150% |
| 15 | 8.496 | 915 | 920 | 928 | rVB3 | 337962 | 623937 | 1.02% | 0.337% |
| 16 | 8.590 | 931 | 936 | 942 | rBV | 427937 | 752691 | 1.23% | 0.407% |
| 17 | 9.060 | 1010 | 1016 | 1021 | rBV2 | 667941 | 1141601 | 1.86% | 0.617% |
| 18 | 9.119 | 1021 | 1026 | 1037 | rVB2 | 888697 | 2245712 | 3.66% | 1.213% |
| 19 | 9.642 | 1110 | 1115 | 1122 | rVB | 494286 | 752832 | 1.23% | 0.407% |
| 20 | 9.718 | 1122 | 1128 | 1137 | rBV | 795718 | 1317958 | 2.15% | 0.712% |
| 21 | 10.006 | 1172 | 1177 | 1188 | rVB2 | 409434 | 729969 | 1.19% | 0.394% |
| 22 | 10.159 | 1196 | 1203 | 1212 | rBV2 | 820250 | 1650635 | 2.69% | 0.892% |
| 23 | 10.758 | 1294 | 1305 | 1309 | rBV2 | 299962 | 694406 | 1.13% | 0.375% |
| 24 | 10.817 | 1309 | 1315 | 1321 | rVB | 2636014 | 4600663 | 7.50% | 2.485% |
| 25 | 12.415 | 1574 | 1587 | 1594 | rBV2 | 489977 | 989664 | 1.61% | 0.535% |
| 26 | 12.632 | 1615 | 1624 | 1634 | rVB4 | 340962 | 747461 | 1.22% | 0.404% |
| 27 | 13.214 | 1716 | 1723 | 1729 | rBV | 2911483 | 4362910 | 7.12% | 2.357% |
| 28 | 14.589 | 1950 | 1957 | 1965 | rVB | 582458 | 954419 | 1.56% | 0.516% |
| 29 | 16.081 | 2203 | 2211 | 2222 | rBV | 3146995 | 4657948 | 7.60% | 2.516% |
| 30 | 17.338 | 2419 | 2425 | 2431 | rBV | 867551 | 1288929 | 2.10% | 0.696% |
| 31 | 19.965 | 2866 | 2872 | 2877 | rBV | 7003362 | 8921324 | 14.55% | 4.820% |
| 32 | 21.610 | 3146 | 3152 | 3160 | rVB2 | 1039978 | 1598750 | 2.61% | 0.864% |
| 33 | 24.800 | 3686 | 3695 | 3709 | rVB | 559634 | 1603455 | 2.62% | 0.866% |

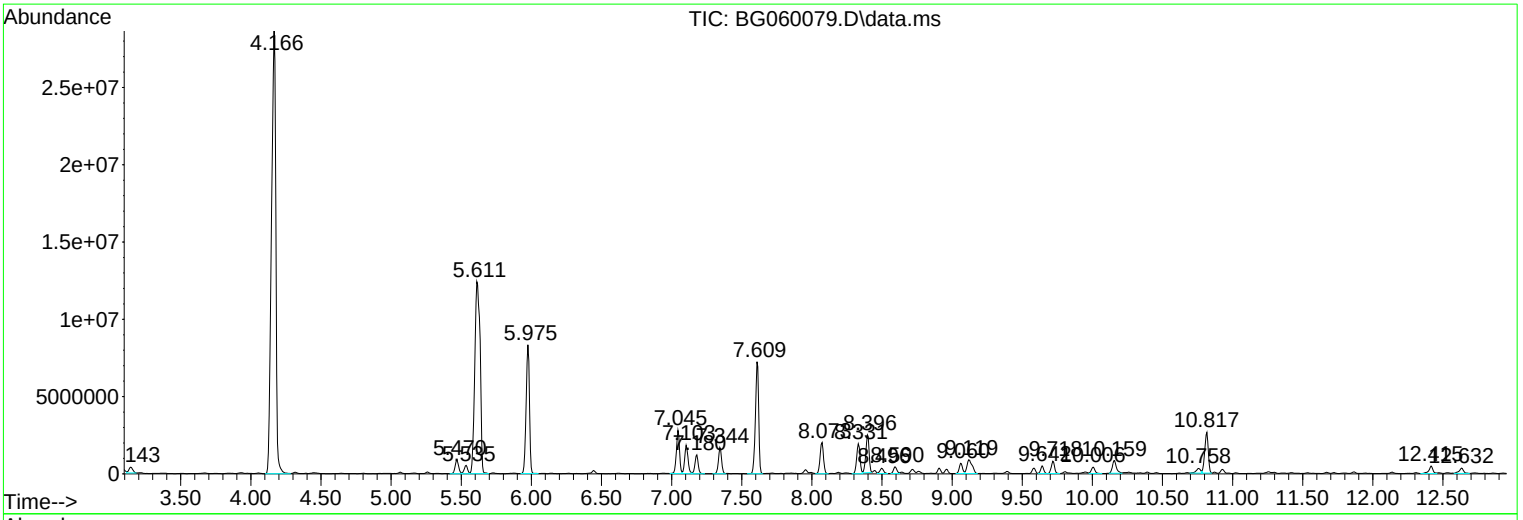
Sum of corrected areas: 185102494

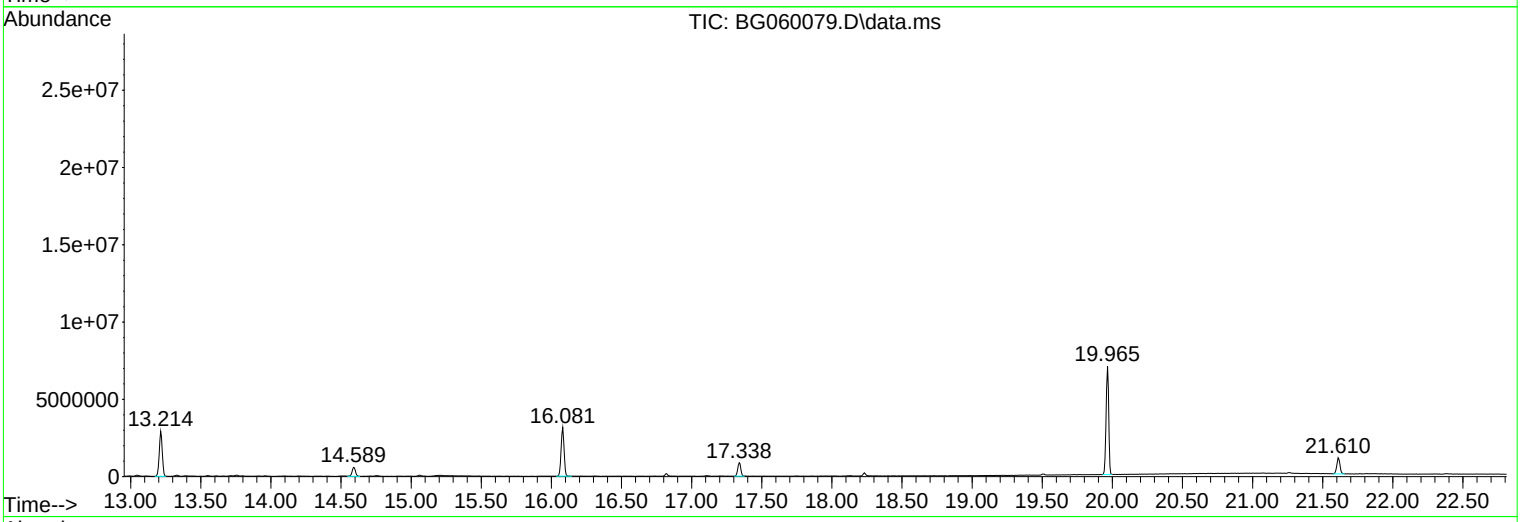
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

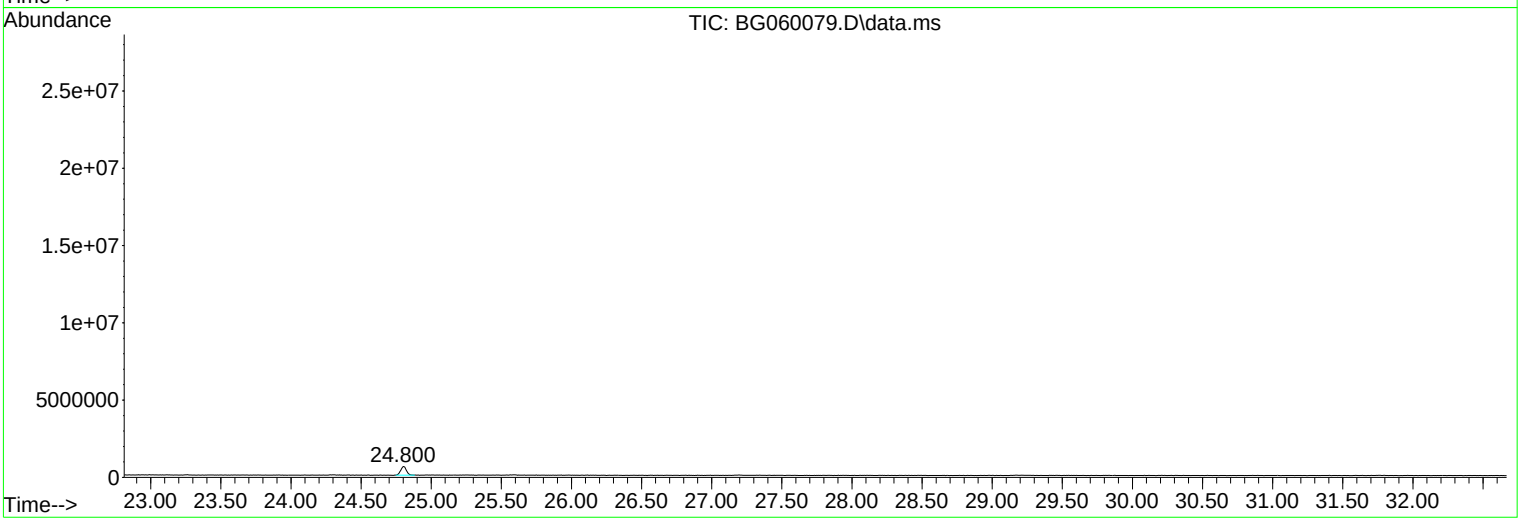
**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

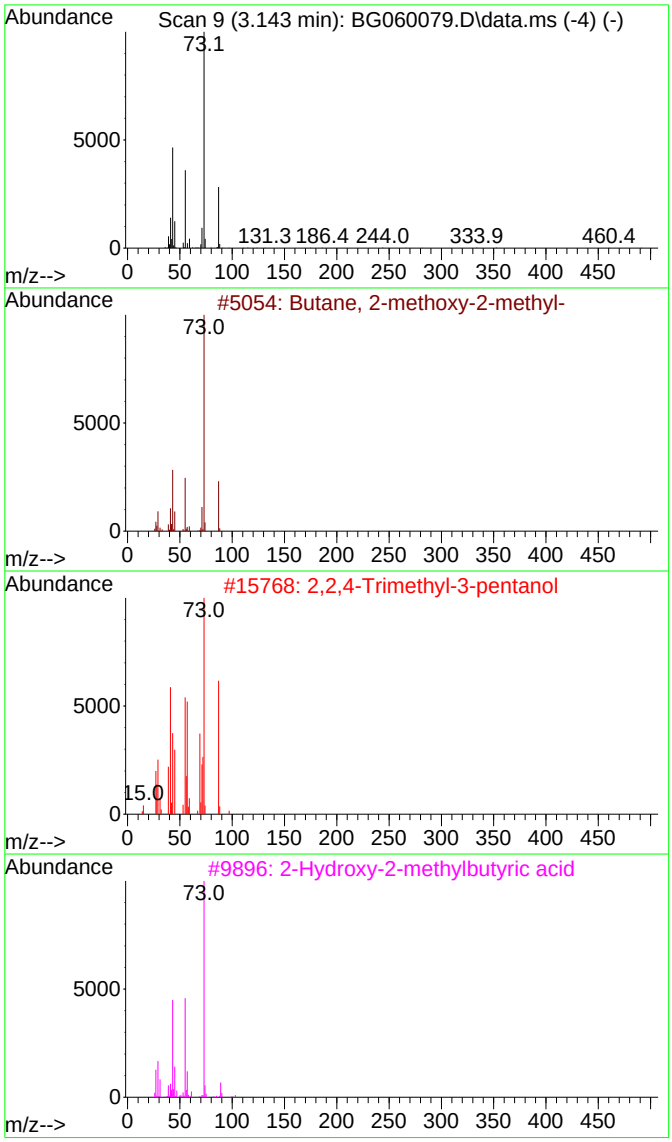
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

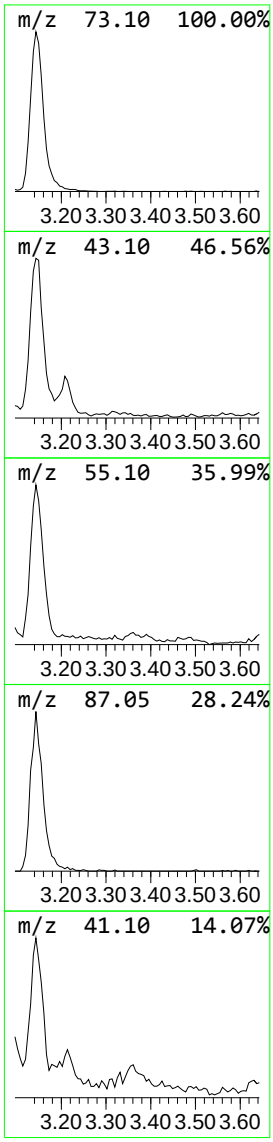
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.143 | 4.41 ng | 729510 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 37 |
| 4 | 3-Hexanol, 2,4-dimethyl- | 130 | C8H18O | 013432-25-2 | 28 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

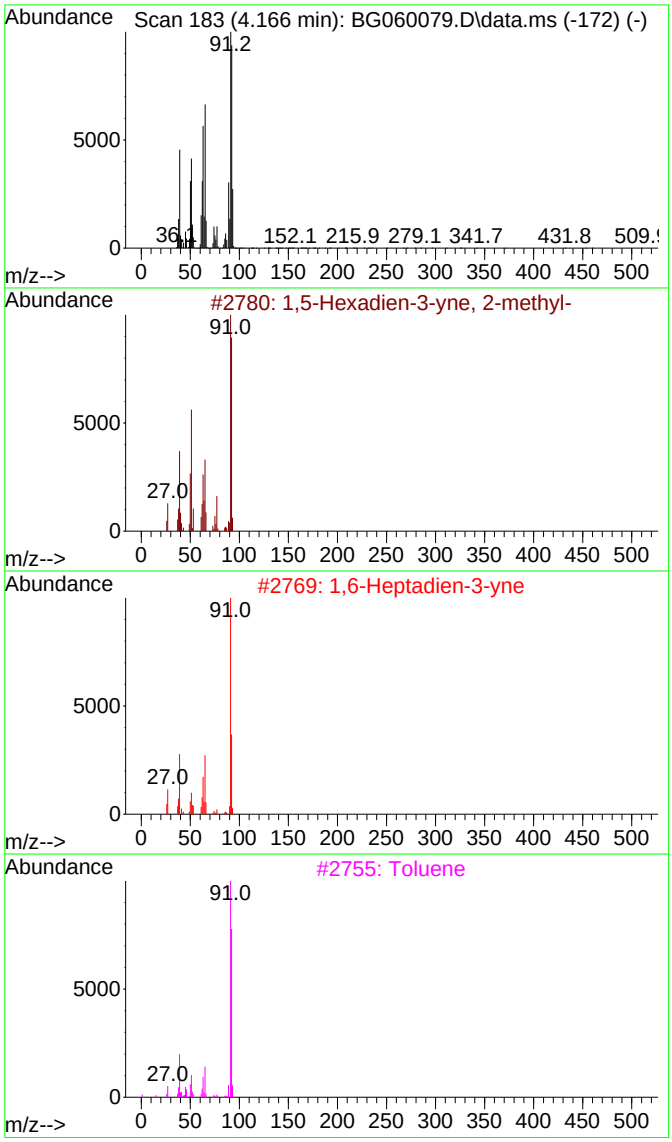
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

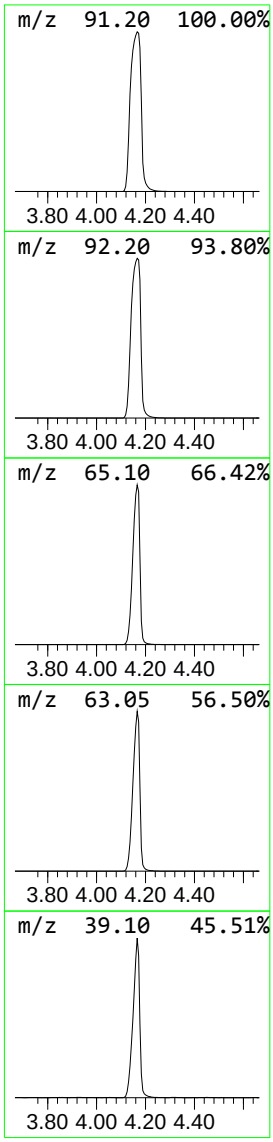
**********

Peak Number 2 1,5-Hexadien-3-yne, 2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.166 | 370.44 ng | 61316900 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,5-Hexadien-3-yne, 2-methyl- | 92 | C7H8 | 000820-54-2 | 74 |
| 2 | 1,6-Heptadien-3-yne | 92 | C7H8 | 005150-80-1 | 72 |
| 3 | Toluene | 92 | C7H8 | 000108-88-3 | 68 |
| 4 | Spiro[2,4]hepta-4,6-diene | 92 | C7H8 | 000765-46-8 | 49 |
| 5 | 2,5-Norbornadiene | 92 | C7H8 | 000121-46-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

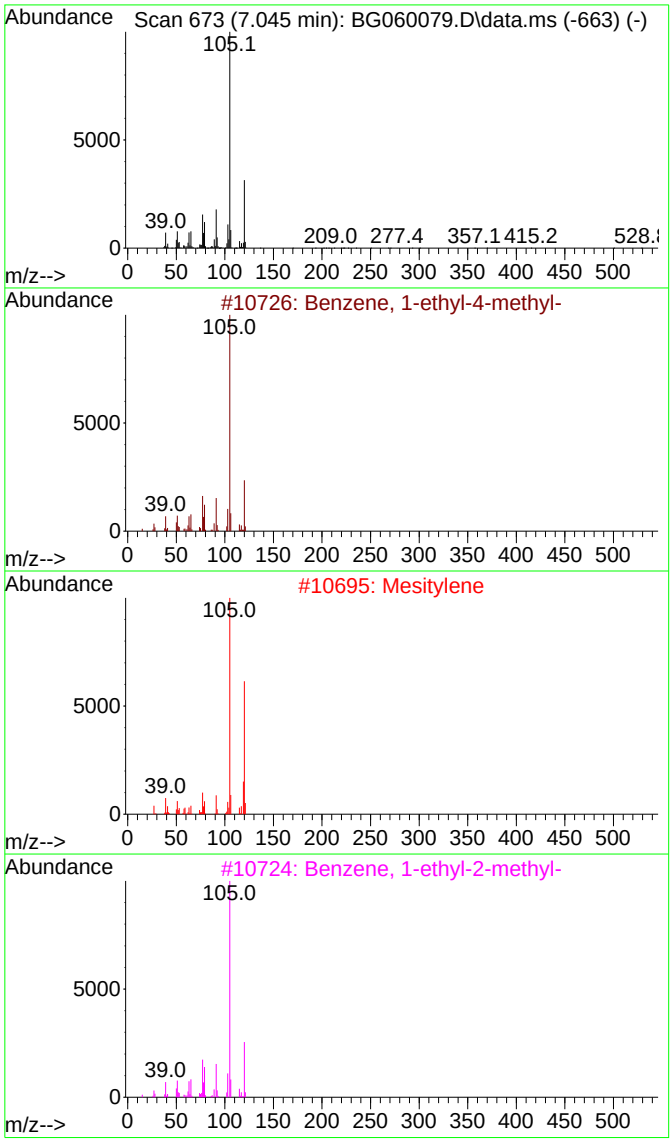
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

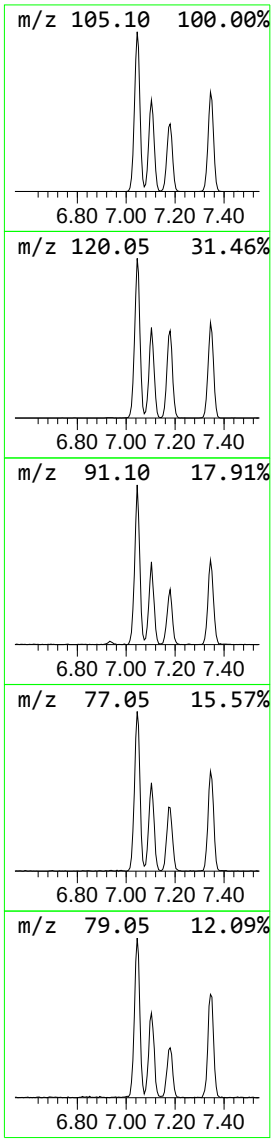
**********

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.045 | 26.40 ng | 4370160 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

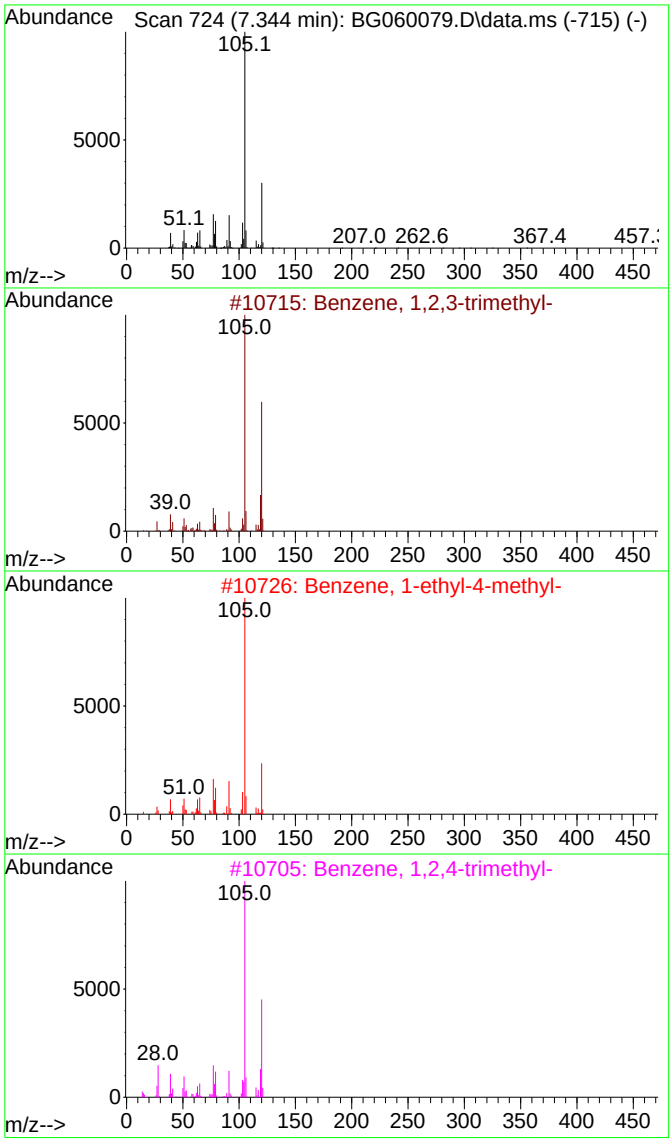
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

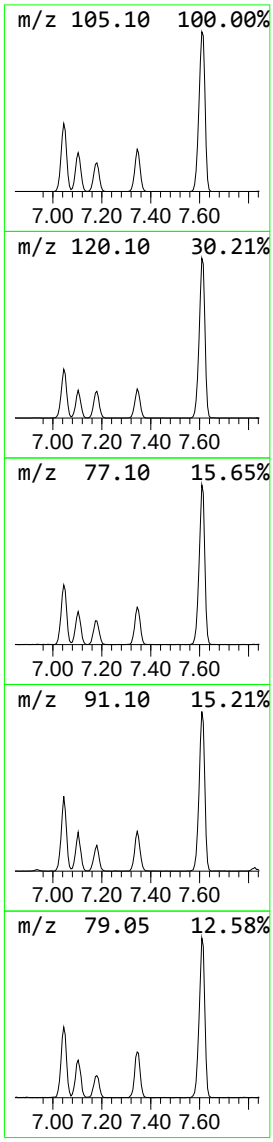
**********

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.344 | 16.07 ng | 2660440 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

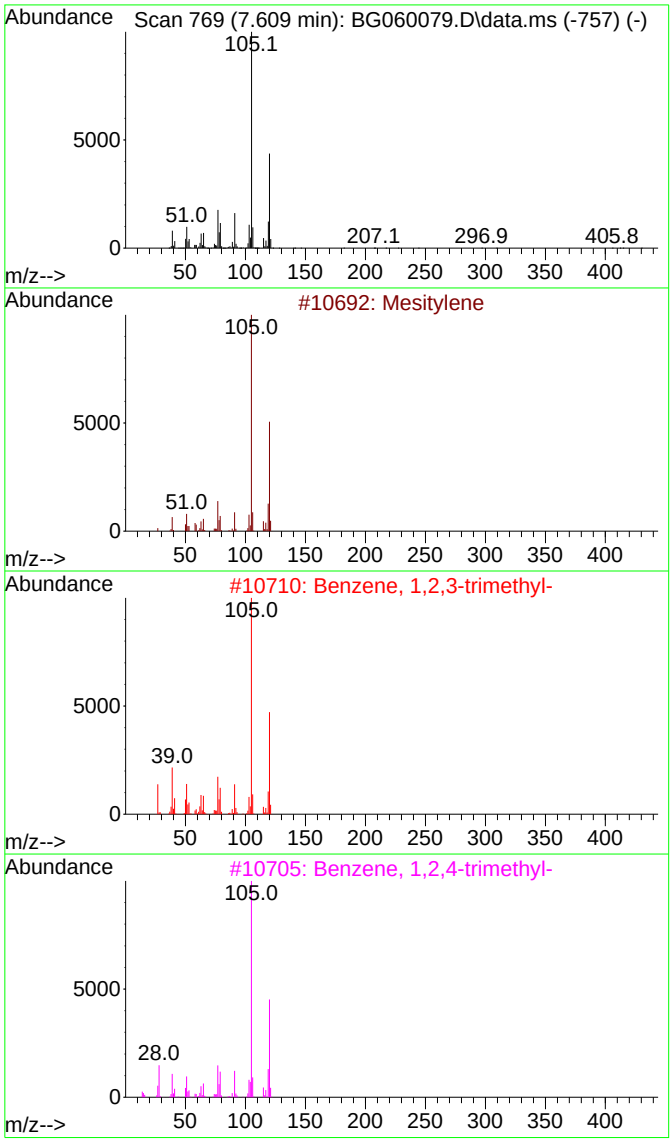
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

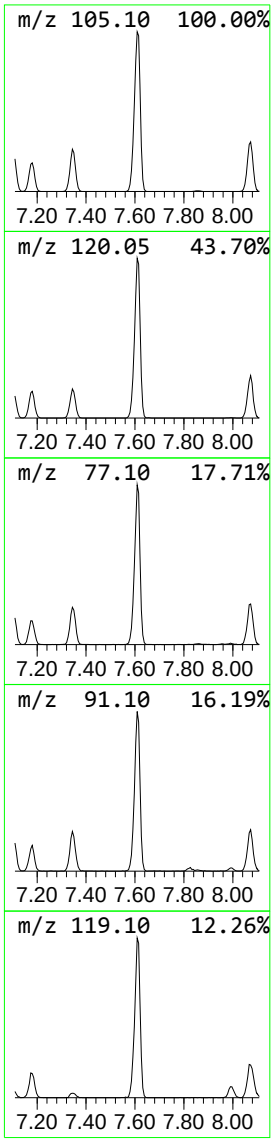
**********

Peak Number 8 Mesitylene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.609 | 71.70 ng | 11867500 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 95 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

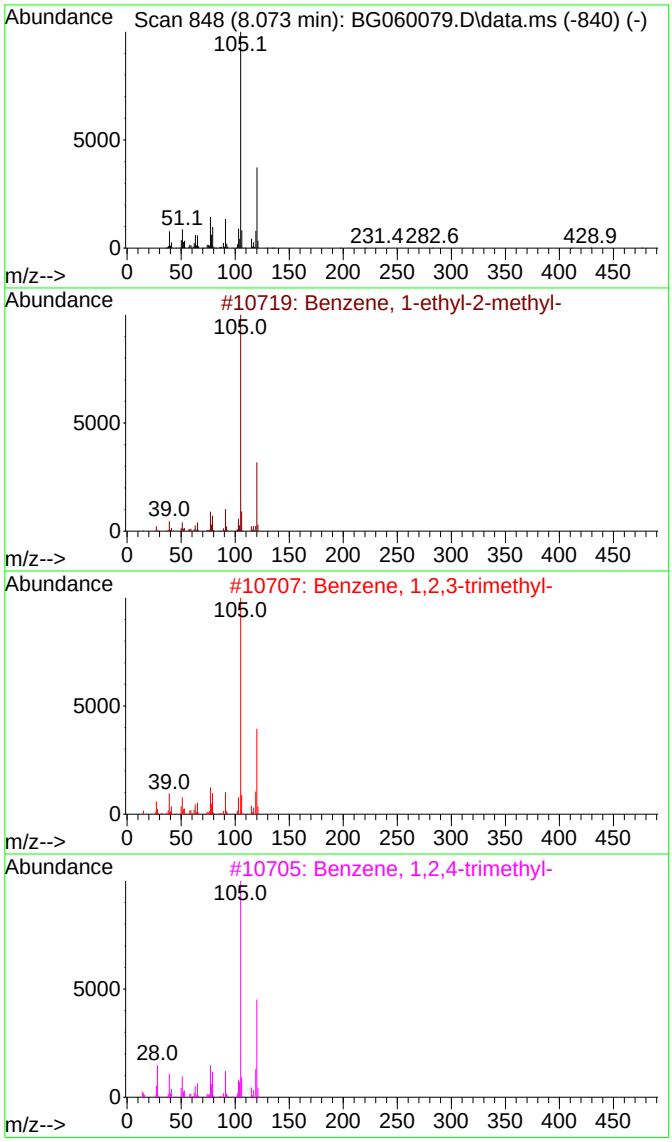
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

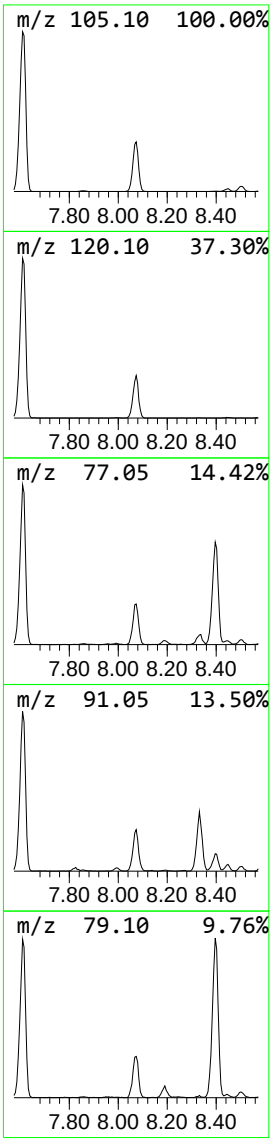
**********

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.073 | 20.00 ng | 3310440 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

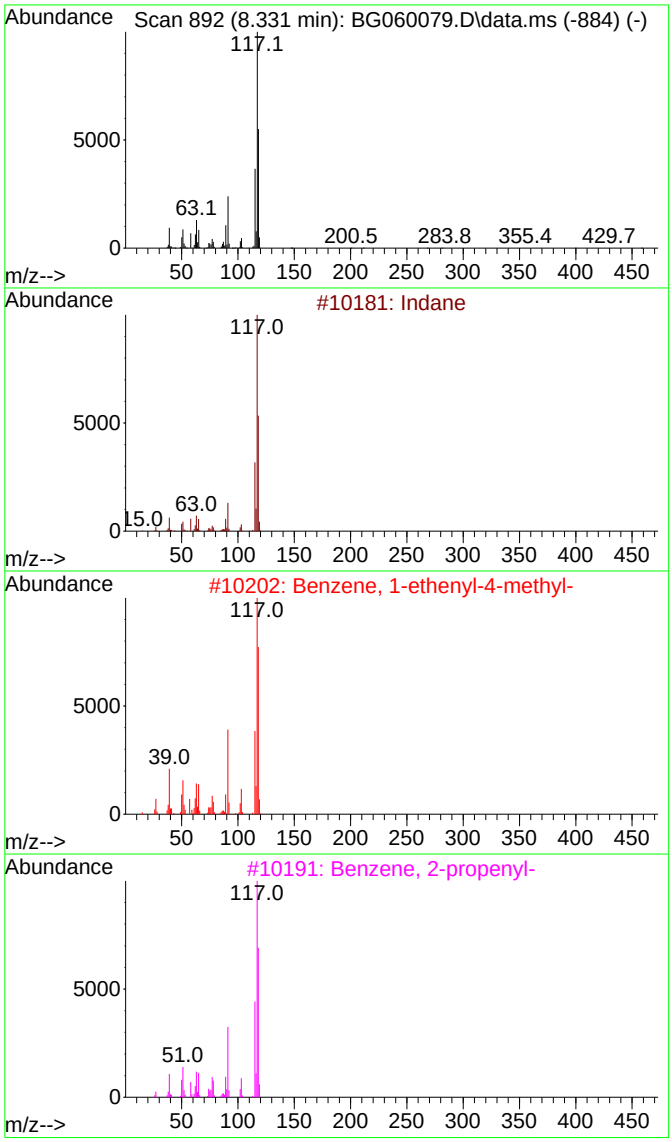
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

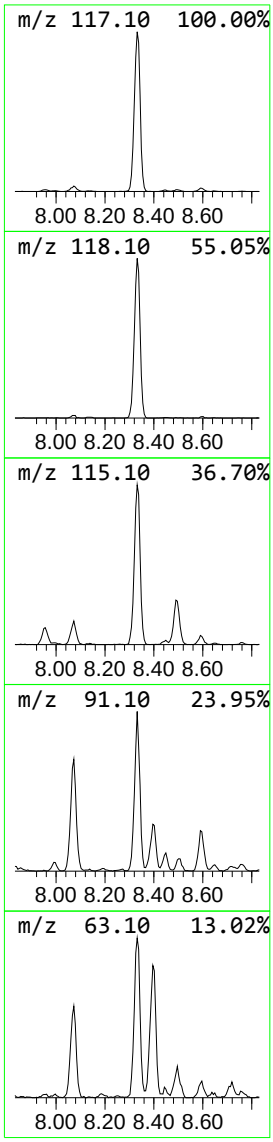
**********

Peak Number 10 Indane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.331 | 19.24 ng | 3184520 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 2 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 74 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 72 |
| 4 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 68 |
| 5 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

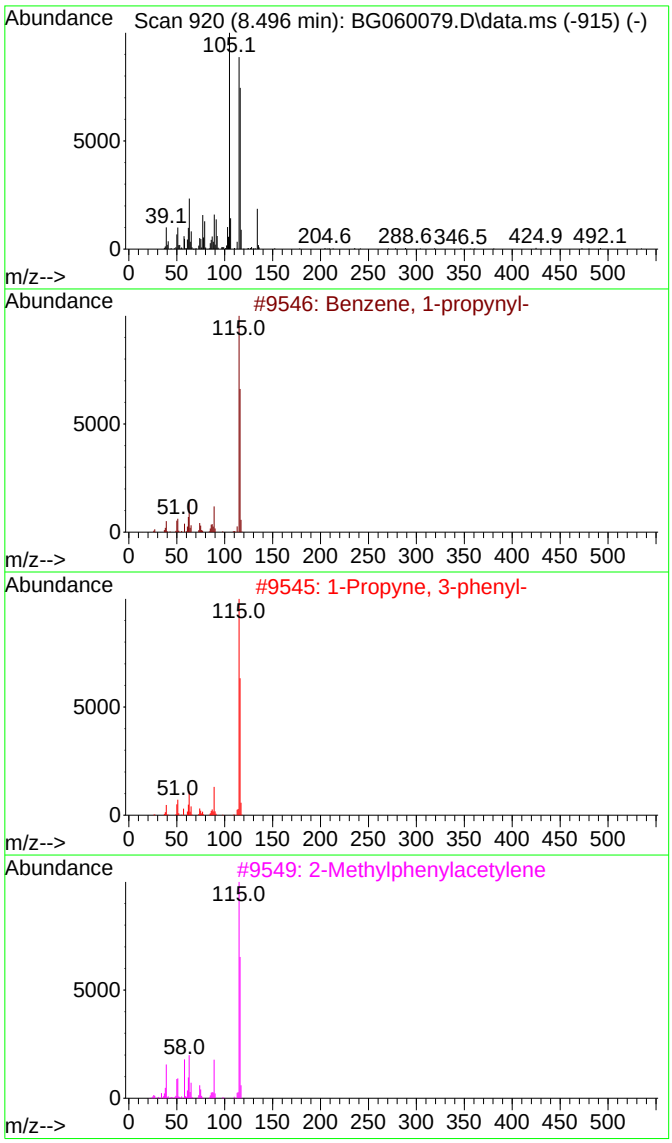
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

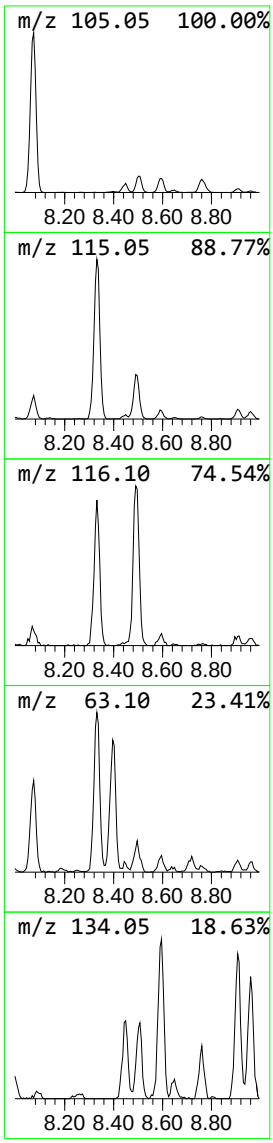
**********

Peak Number 11 Benzene, 1-propynyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.496 | 3.77 ng | 623937 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 2 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 81 |
| 3 | 2-Methylphenylacetylene | 116 | C9H8 | 000766-47-2 | 81 |
| 4 | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8 | 000766-97-2 | 74 |
| 5 | Benzene, 1,2-propadienyl- | 116 | C9H8 | 002327-99-3 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

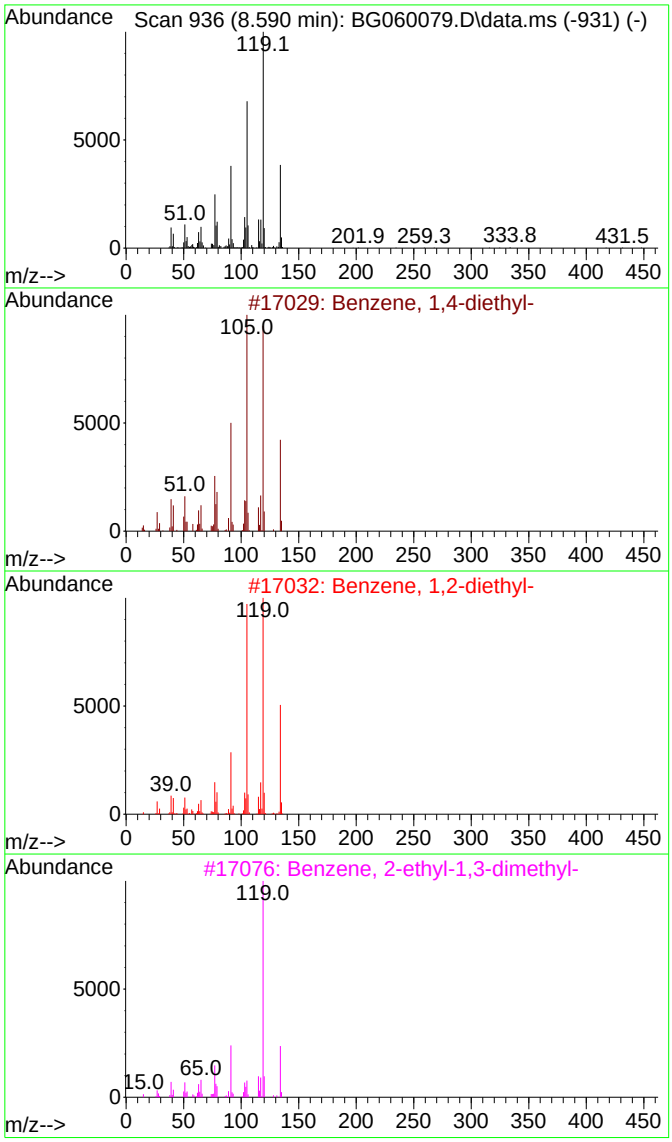
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

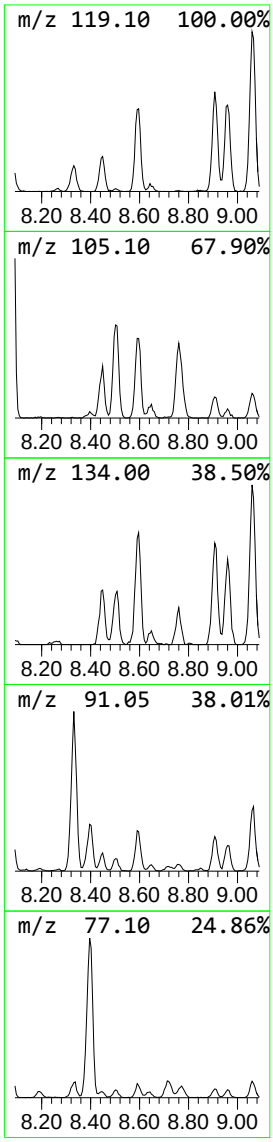
**********

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.590 | 4.55 ng | 752691 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 96 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 94 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 90 |
| 4 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 90 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

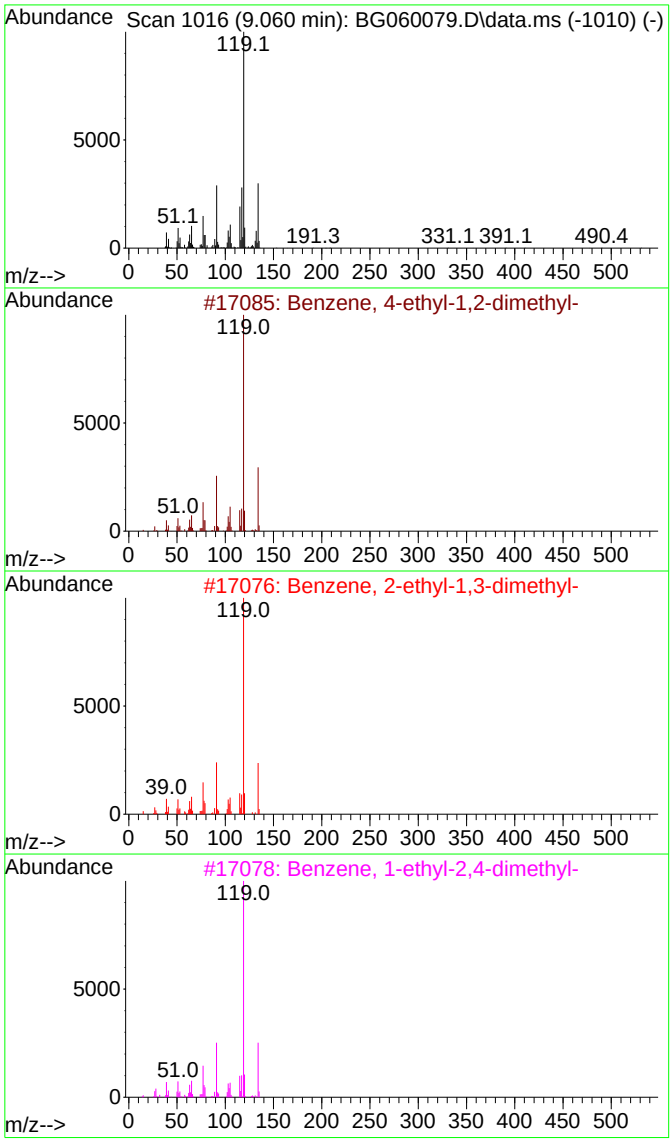
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

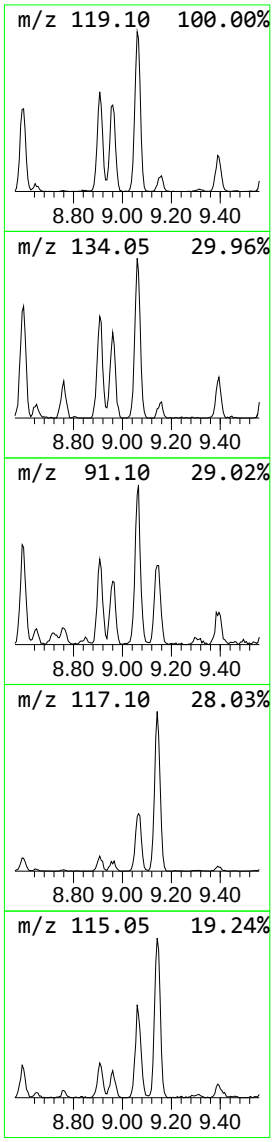
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.060 | 6.90 ng | 1141600 | 1,4-Dichlorobenzene-d4 | 7.955 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 93 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 93 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 93 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 93 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

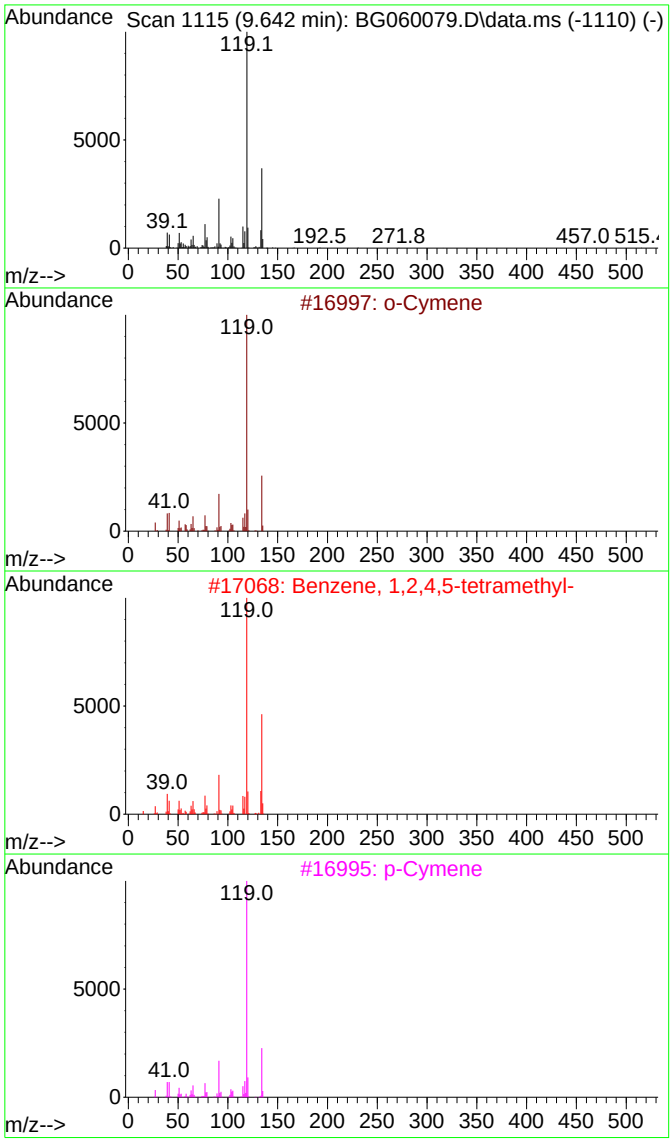
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

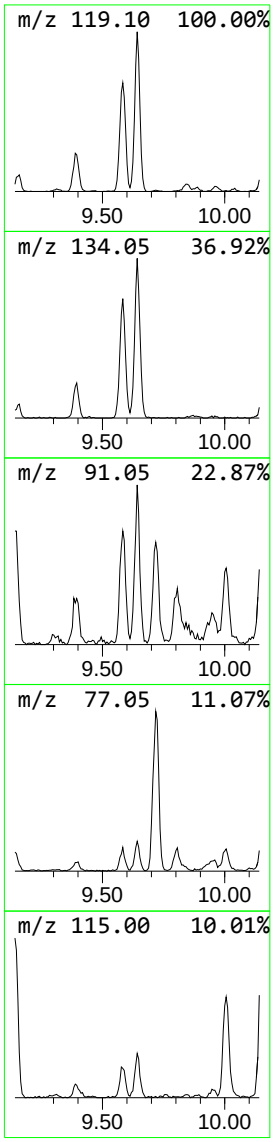
**********

Peak Number 14 o-Cymene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.642 | 21.68 ng | 752832 | Naphthalene-d8 | 10.764 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

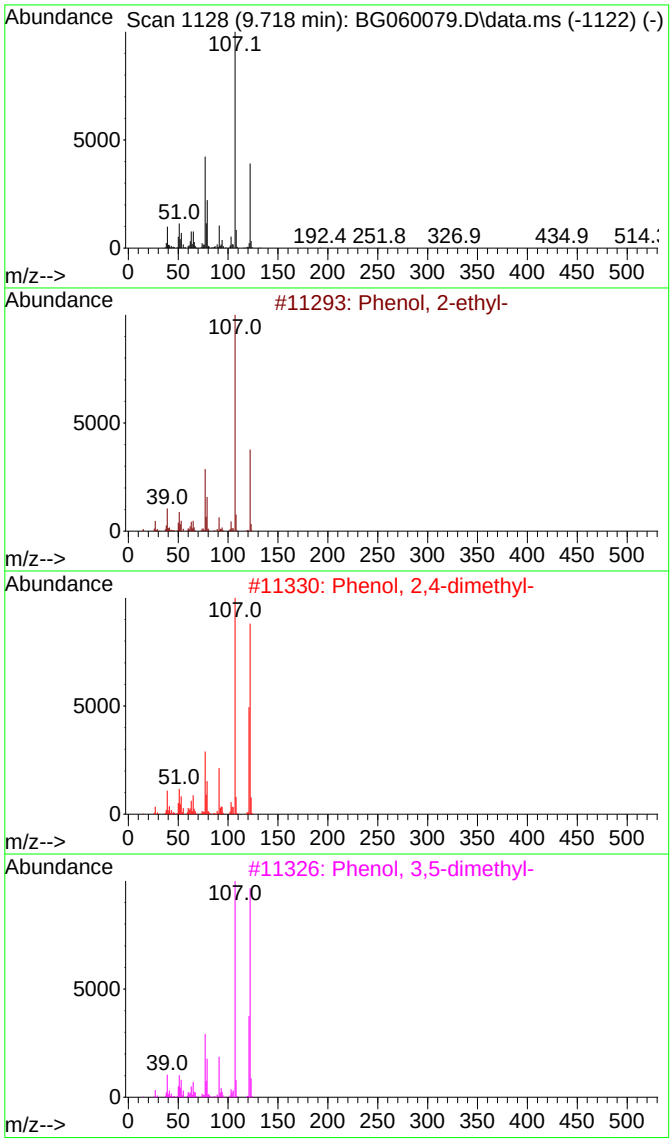
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

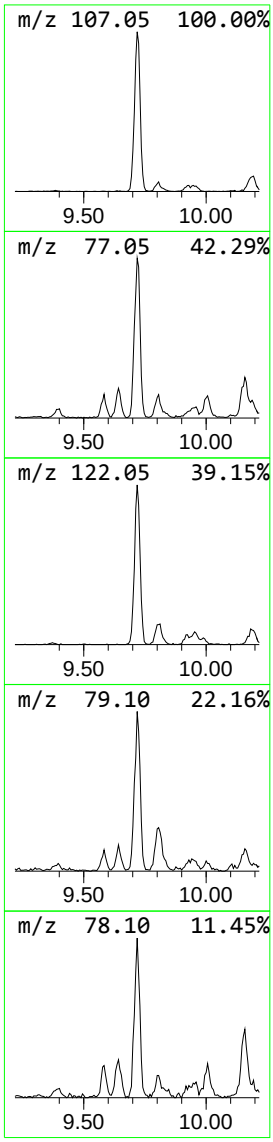
**********

Peak Number 15 Phenol, 2-ethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.718 | 37.96 ng | 1317960 | Naphthalene-d8 | 10.764 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 94 |
| 2 | Phenol, 2,4-dimethyl- | 122 | C8H10O | 000105-67-9 | 91 |
| 3 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 87 |
| 4 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 87 |
| 5 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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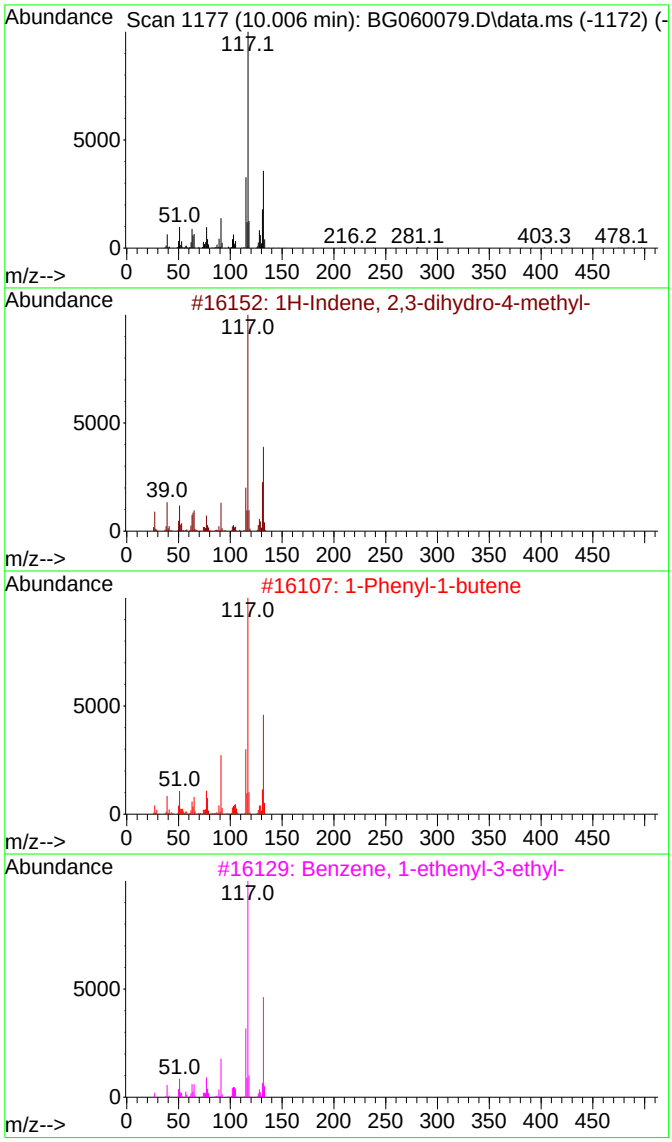
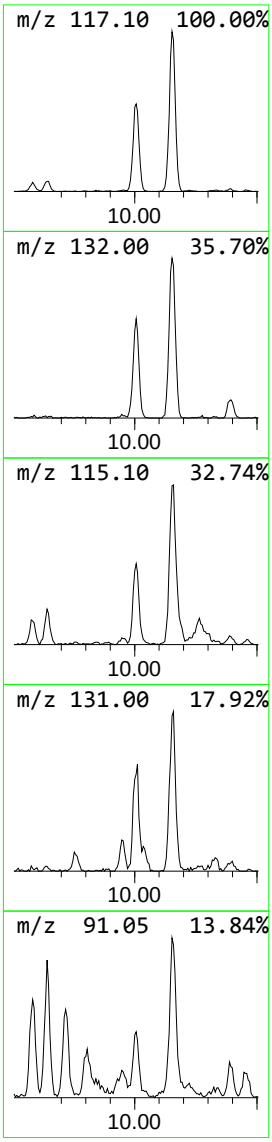
Peak Number 16 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.006 | 21.02 ng | 729969 | Naphthalene-d8 | 10.764 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 93 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 93 |
| 3 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 93 |
| 4 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

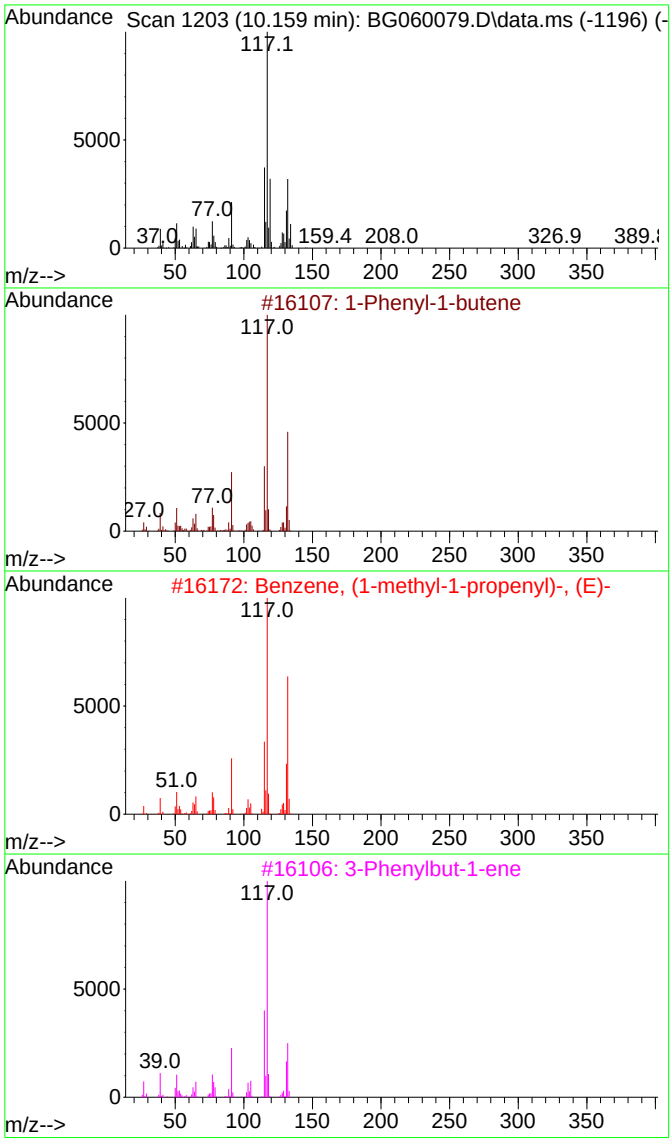
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

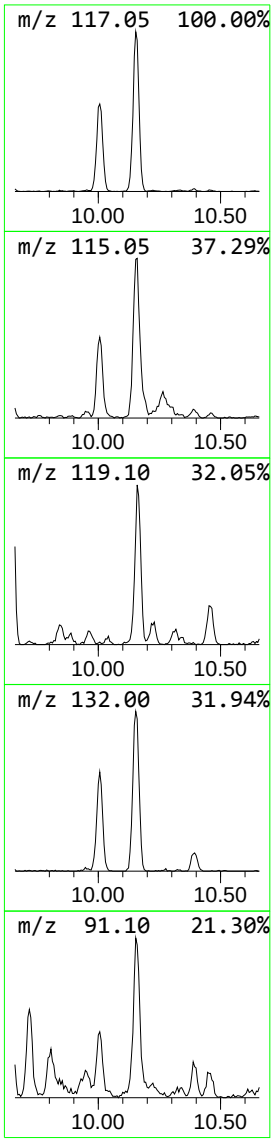
**********

Peak Number 17 1-Phenyl-1-butene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.159 | 47.54 ng | 1650640 | Naphthalene-d8 | 10.764 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 93 |
| 2 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 81 |
| 3 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 81 |
| 4 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 78 |
| 5 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 76 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060079.D
Acq On : 18 Dec 2023 23:38
Operator : MA/JU
Sample : 05670-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| Butane, 2-metho... | 3.143 | 4.4 | ng | 729510 | 1 | 7.955 | 3310440 | 20.0 |
| 1,5-Hexadien-3-... | 4.166 | 370.4 | ng | 61316900 | 1 | 7.955 | 3310440 | 20.0 |
| Benzene, 1-ethy... | 7.045 | 26.4 | ng | 4370160 | 1 | 7.955 | 3310440 | 20.0 |
| Benzene, 1,2,3-... | 7.344 | 16.1 | ng | 2660440 | 1 | 7.955 | 3310440 | 20.0 |
| Mesitylene | 7.609 | 71.7 | ng | 11867500 | 1 | 7.955 | 3310440 | 20.0 |
| Benzene, 1-ethy... | 8.073 | 20.0 | ng | 3310440 | 1 | 7.955 | 3310440 | 20.0 |
| Indane | 8.331 | 19.2 | ng | 3184520 | 1 | 7.955 | 3310440 | 20.0 |
| Benzene, 1-prop... | 8.496 | 3.8 | ng | 623937 | 1 | 7.955 | 3310440 | 20.0 |
| Benzene, 1,4-di... | 8.590 | 4.5 | ng | 752691 | 1 | 7.955 | 3310440 | 20.0 |
| Benzene, 4-ethy... | 9.060 | 6.9 | ng | 1141600 | 1 | 7.955 | 3310440 | 20.0 |
| o-Cymene | 9.642 | 21.7 | ng | 752832 | 2 | 10.764 | 694406 | 20.0 |
| Phenol, 2-ethyl- | 9.718 | 38.0 | ng | 1317960 | 2 | 10.764 | 694406 | 20.0 |
| 1H-Indene, 2,3-... | 10.006 | 21.0 | ng | 729969 | 2 | 10.764 | 694406 | 20.0 |
| 1-Phenyl-1-butene | 10.159 | 47.5 | ng | 1650640 | 2 | 10.764 | 694406 | 20.0 |