LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-32

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_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127123.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.751 | 241 | 249 | 255 | rBV | 24735 | 46662 | 1.28% | 0.189% |
| 2 | 5.510 | 544 | 548 | 551 | rBV | 1646429 | 1397768 | 38.37% | 5.676% |
| 3 | 6.445 | 703 | 707 | 710 | rBV | 170804 | 139163 | 3.82% | 0.565% |
| 4 | 6.516 | 715 | 719 | 725 | rVV | 1046808 | 910978 | 25.01% | 3.699% |
| 5 | 6.575 | 725 | 729 | 732 | rVB | 232594 | 207555 | 5.70% | 0.843% |
| 6 | 6.886 | 779 | 782 | 785 | rBV | 646366 | 565694 | 15.53% | 2.297% |
| 7 | 6.945 | 788 | 792 | 795 | rBV | 944088 | 749436 | 20.57% | 3.043% |
| 8 | 7.069 | 810 | 813 | 816 | rVB | 308462 | 238968 | 6.56% | 0.970% |
| 9 | 7.133 | 820 | 824 | 832 | rVB2 | 131591 | 130023 | 3.57% | 0.528% |
| 10 | 7.204 | 832 | 836 | 838 | rBV | 69374 | 61389 | 1.69% | 0.249% |
| 11 | 7.281 | 845 | 849 | 857 | rVB | 91708 | 93216 | 2.56% | 0.379% |
| 12 | 7.422 | 867 | 873 | 875 | rBV | 207671 | 194498 | 5.34% | 0.790% |
| 13 | 7.457 | 875 | 879 | 882 | rVB | 2458938 | 2314067 | 63.53% | 9.396% |
| 14 | 7.533 | 887 | 892 | 895 | rBV2 | 66588 | 72227 | 1.98% | 0.293% |
| 15 | 7.569 | 895 | 898 | 901 | rBV | 105090 | 83082 | 2.28% | 0.337% |
| 16 | 7.651 | 910 | 912 | 914 | rBV | 97285 | 84117 | 2.31% | 0.342% |
| 17 | 7.681 | 914 | 917 | 920 | rVB | 301585 | 229780 | 6.31% | 0.933% |
| 18 | 7.716 | 920 | 923 | 928 | rVB2 | 51095 | 49943 | 1.37% | 0.203% |
| 19 | 7.833 | 937 | 943 | 949 | rBV3 | 177072 | 191883 | 5.27% | 0.779% |
| 20 | 7.904 | 949 | 955 | 958 | rBV | 429583 | 393554 | 10.80% | 1.598% |
| 21 | 8.010 | 971 | 973 | 975 | rVB | 64610 | 45375 | 1.25% | 0.184% |
| 22 | 8.069 | 980 | 983 | 987 | rBV | 71177 | 62576 | 1.72% | 0.254% |
| 23 | 8.122 | 987 | 992 | 995 | rBV3 | 51619 | 71504 | 1.96% | 0.290% |
| 24 | 8.175 | 995 | 1001 | 1006 | rVV | 923401 | 922186 | 25.32% | 3.745% |
| 25 | 8.216 | 1006 | 1008 | 1011 | rVB | 56811 | 43490 | 1.19% | 0.177% |
| 26 | 8.328 | 1024 | 1027 | 1030 | rBV3 | 51838 | 66052 | 1.81% | 0.268% |
| 27 | 8.363 | 1030 | 1033 | 1036 | rVV | 185688 | 173611 | 4.77% | 0.705% |
| 28 | 8.433 | 1039 | 1045 | 1053 | rVV | 726010 | 732900 | 20.12% | 2.976% |
| 29 | 8.639 | 1077 | 1080 | 1084 | rBV3 | 80503 | 119286 | 3.27% | 0.484% |
| 30 | 8.763 | 1097 | 1101 | 1105 | rVB3 | 95004 | 88824 | 2.44% | 0.361% |
| 31 | 8.980 | 1134 | 1138 | 1143 | rBV4 | 70866 | 153550 | 4.22% | 0.623% |
| 32 | 9.022 | 1143 | 1145 | 1149 | rVB3 | 52070 | 61320 | 1.68% | 0.249% |
| 33 | 9.175 | 1168 | 1171 | 1174 | rVV | 145128 | 101620 | 2.79% | 0.413% |
| 34 | 9.210 | 1174 | 1177 | 1179 | rVV2 | 63748 | 66366 | 1.82% | 0.269% |
| 35 | 9.251 | 1179 | 1184 | 1187 | rVB | 4419507 | 3642508 | 100.00% | 14.790% |
| 36 | 9.416 | 1210 | 1212 | 1218 | rVB2 | 75900 | 84678 | 2.32% | 0.344% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-32

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_F\Methods\8270-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.516 | 1226 | 1229 | 1235 | rVB4 | 76166 | 93154 | 2.56% | 0.378% |
| 38 | 9.592 | 1238 | 1242 | 1244 | rBV2 | 42100 | 71833 | 1.97% | 0.292% |
| 39 | 9.675 | 1250 | 1256 | 1259 | rBV4 | 37829 | 62139 | 1.71% | 0.252% |
| 40 | 9.733 | 1263 | 1266 | 1272 | rVB4 | 64340 | 88957 | 2.44% | 0.361% |
| 41 | 9.833 | 1277 | 1283 | 1288 | rVB4 | 110171 | 124130 | 3.41% | 0.504% |
| 42 | 9.886 | 1288 | 1292 | 1294 | rBV | 70420 | 57212 | 1.57% | 0.232% |
| 43 | 9.933 | 1296 | 1300 | 1304 | rVV | 1072518 | 903543 | 24.81% | 3.669% |
| 44 | 10.016 | 1311 | 1314 | 1322 | rVB2 | 67357 | 85099 | 2.34% | 0.346% |
| 45 | 10.092 | 1322 | 1327 | 1329 | rBV | 75060 | 75793 | 2.08% | 0.308% |
| 46 | 10.251 | 1349 | 1354 | 1357 | rBV2 | 73789 | 82037 | 2.25% | 0.333% |
| 47 | 10.327 | 1362 | 1367 | 1369 | rVV2 | 60453 | 71138 | 1.95% | 0.289% |
| 48 | 10.351 | 1369 | 1371 | 1375 | rVB3 | 40609 | 53488 | 1.47% | 0.217% |
| 49 | 10.727 | 1430 | 1435 | 1438 | rBV | 2847322 | 2631345 | 72.24% | 10.685% |
| 50 | 10.827 | 1450 | 1452 | 1462 | rVB2 | 78942 | 103134 | 2.83% | 0.419% |
| 51 | 11.369 | 1541 | 1544 | 1546 | rVB | 70337 | 56244 | 1.54% | 0.228% |
| 52 | 11.421 | 1549 | 1553 | 1556 | rBV | 1050313 | 831297 | 22.82% | 3.375% |
| 53 | 11.580 | 1577 | 1580 | 1586 | rBV | 66181 | 69015 | 1.89% | 0.280% |
| 54 | 11.974 | 1645 | 1647 | 1650 | rBV | 80655 | 63063 | 1.73% | 0.256% |
| 55 | 13.010 | 1819 | 1823 | 1827 | rVB | 3466822 | 3444439 | 94.56% | 13.986% |
| 56 | 13.915 | 1971 | 1977 | 1978 | rBV3 | 50422 | 79783 | 2.19% | 0.324% |
| 57 | 14.068 | 1999 | 2003 | 2006 | rBV | 556750 | 488861 | 13.42% | 1.985% |
| 58 | 15.562 | 2252 | 2257 | 2265 | rVB | 388791 | 502094 | 13.78% | 2.039% |

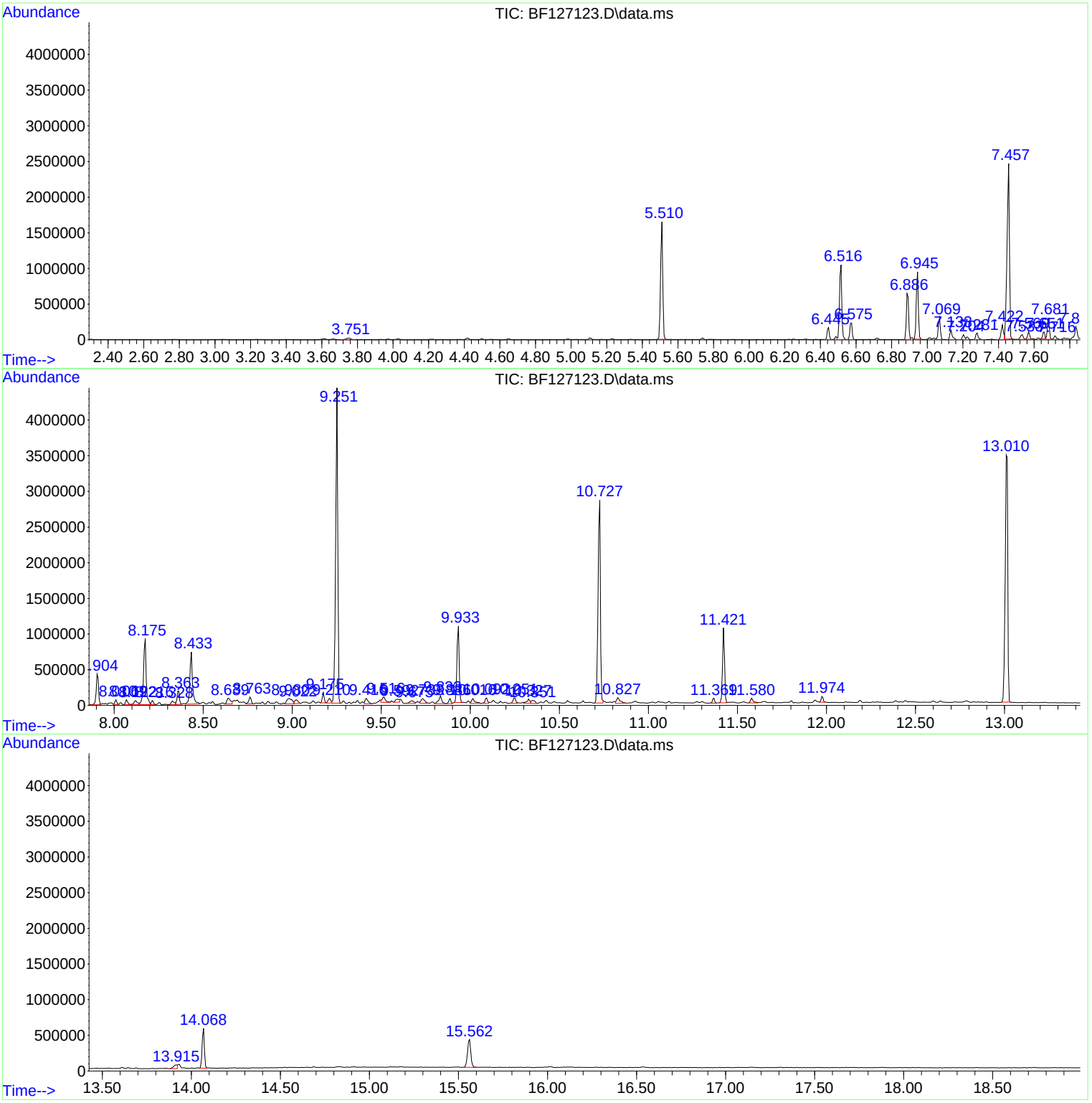
Sum of corrected areas: 24627647

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

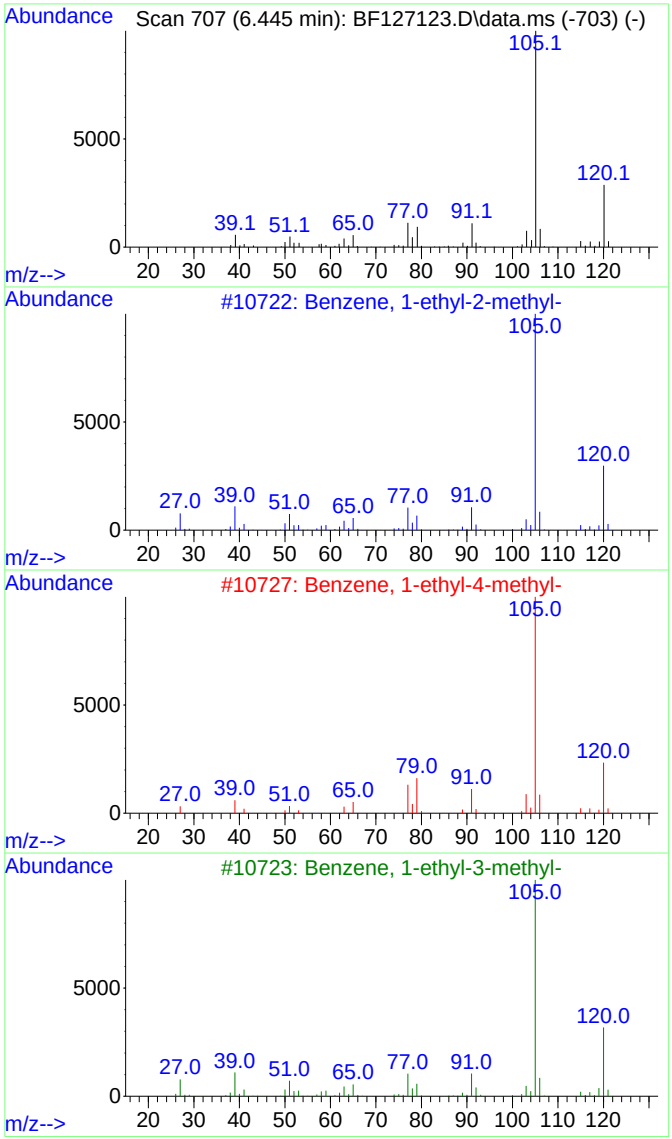
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

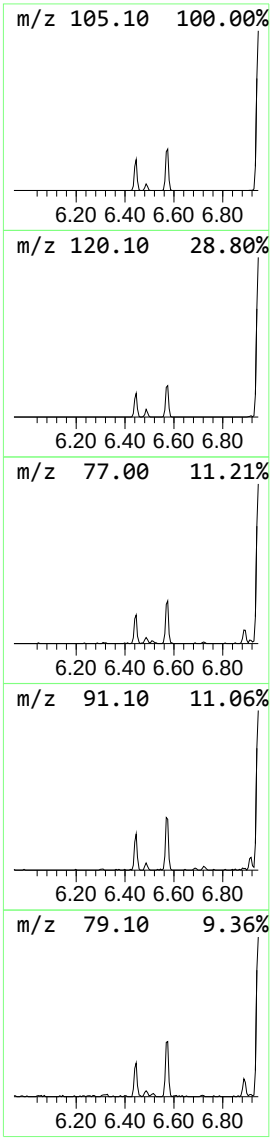
**********

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.445 | 4.92 ng | 139163 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

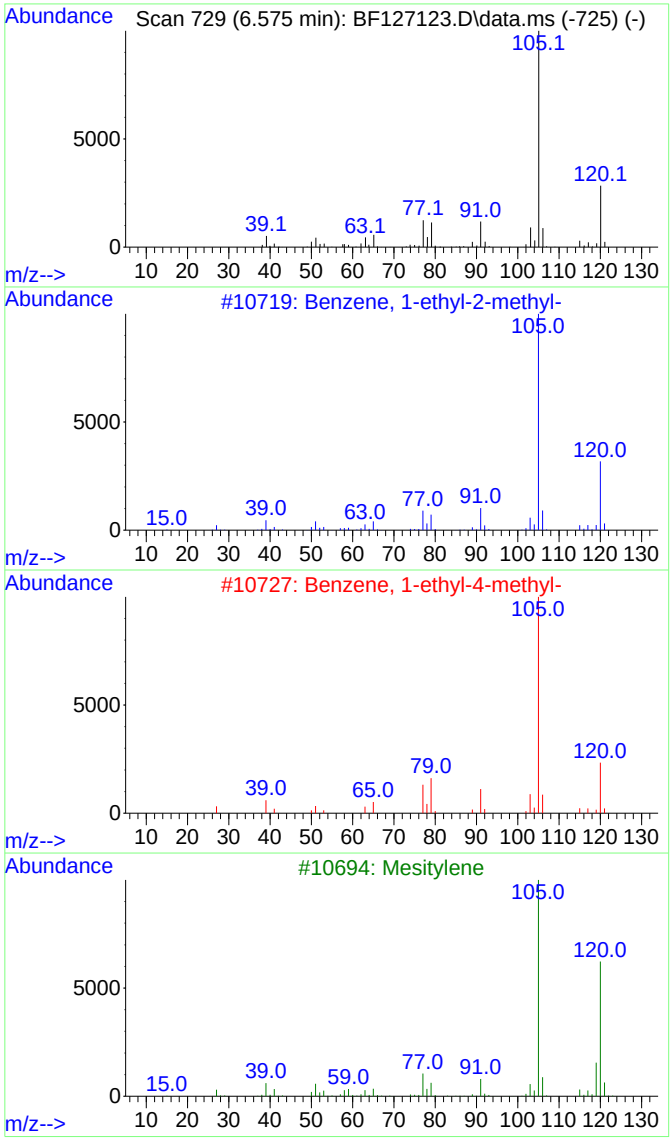
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

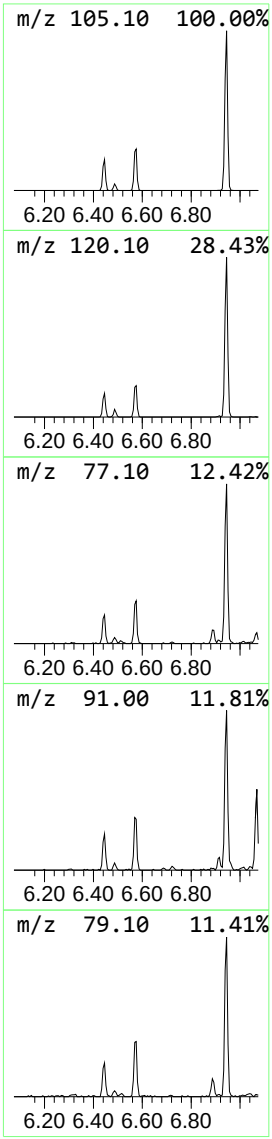
**********

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.575 | 7.34 ng | 207555 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

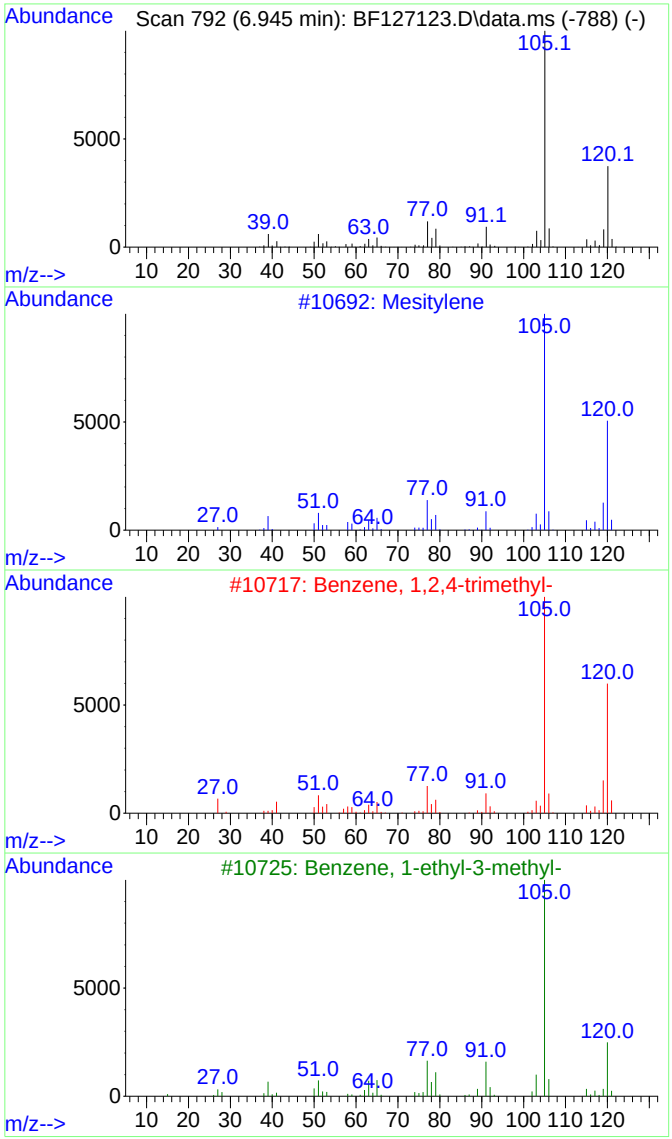
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

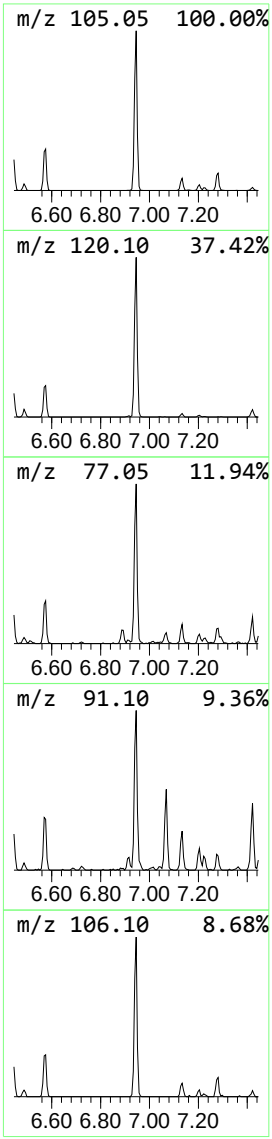
**********

Peak Number 3 Mesitylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.945 | 26.50 ng | 749436 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 93 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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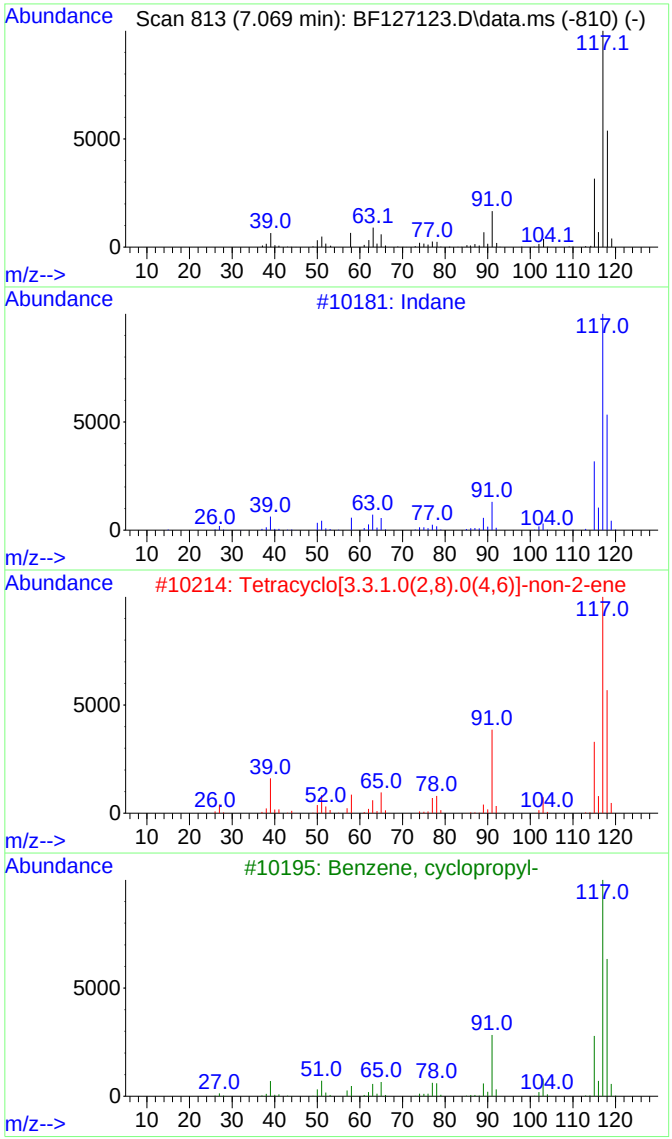
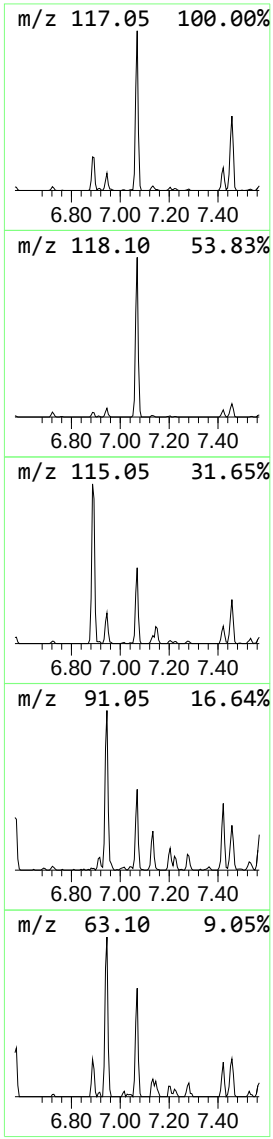
Peak Number 4 Indane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.069 | 8.45 ng | 238968 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 2 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 64 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 58 |
| 4 | Benzene, 1,1'-(1,5-hexadiene-1,6... | 234 | C18H18 | 004439-45-6 | 53 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

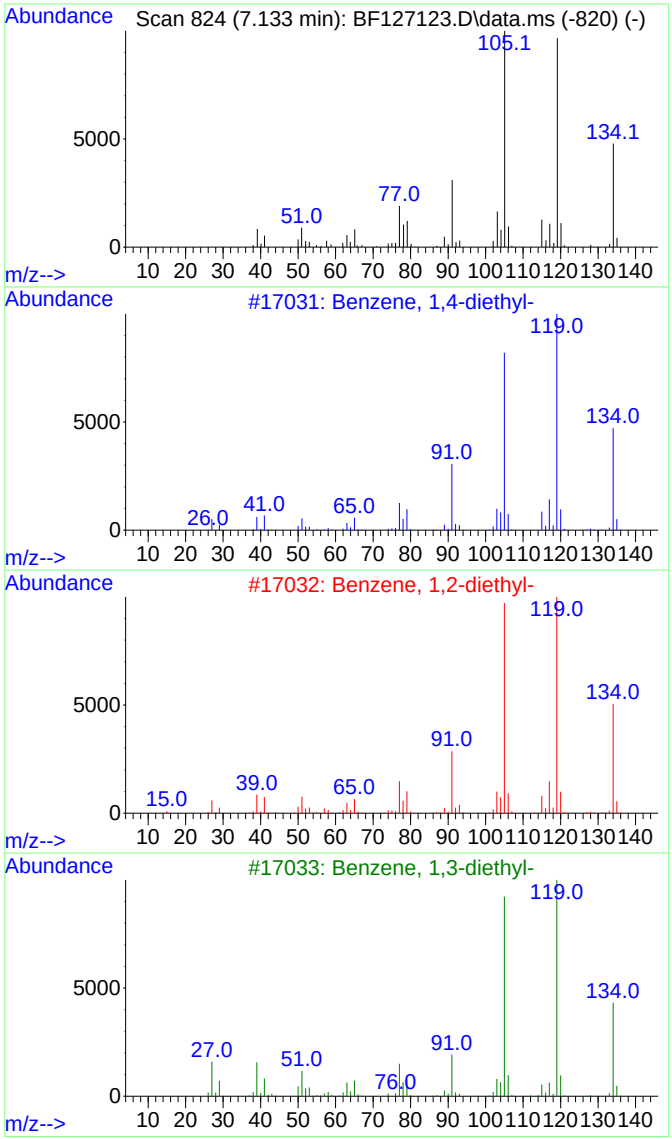
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

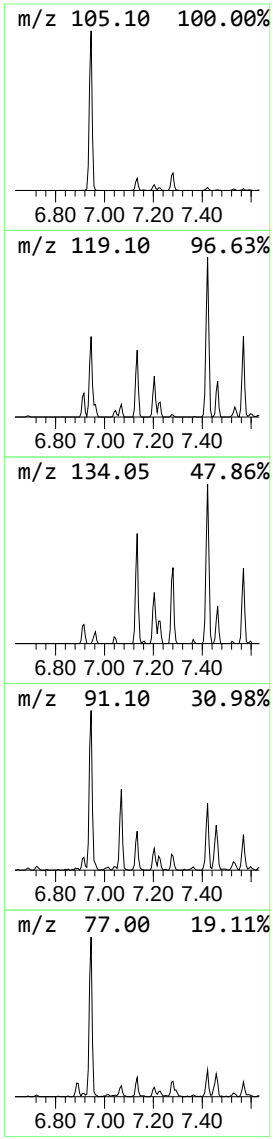
**********

Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.133 | 4.60 ng | 130023 | 1,4-Dichlorobenzene-d4 | 6.892 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 95 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 95 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 87 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

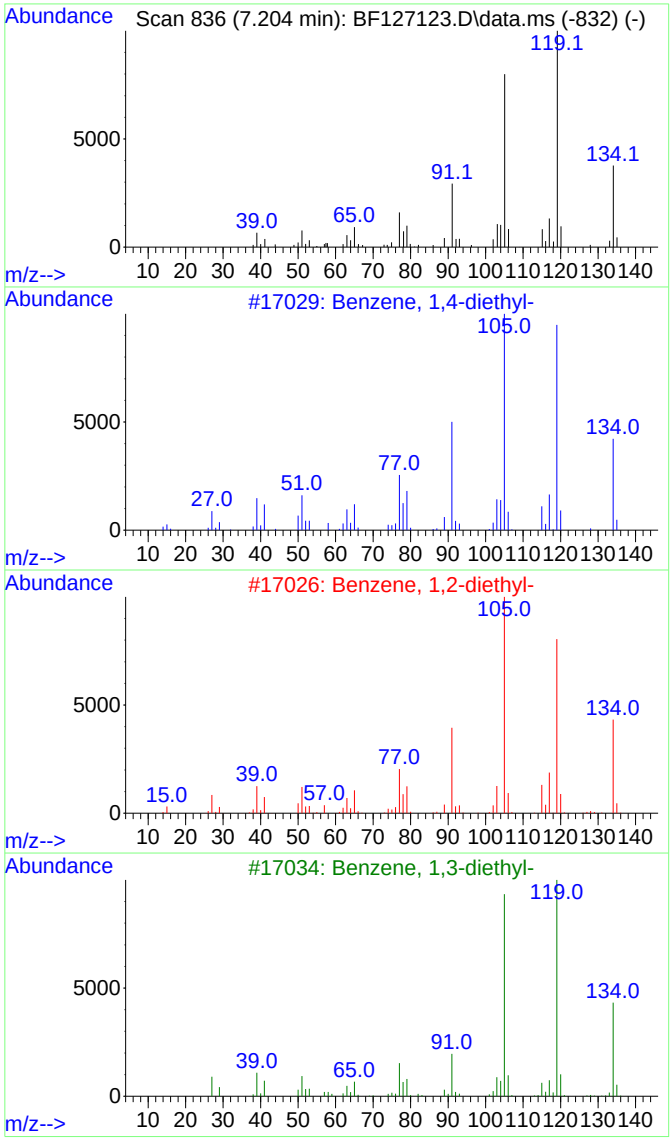
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

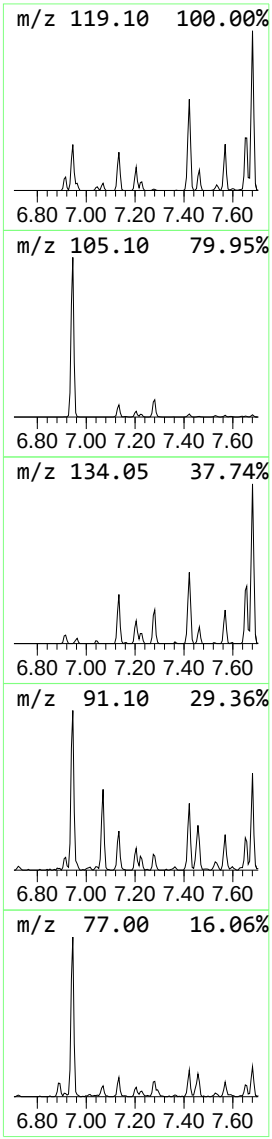
**********

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.204 | 2.17 ng | 61389 | 1,4-Dichlorobenzene-d4 | 6.892 |

| 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 | 96 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 90 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

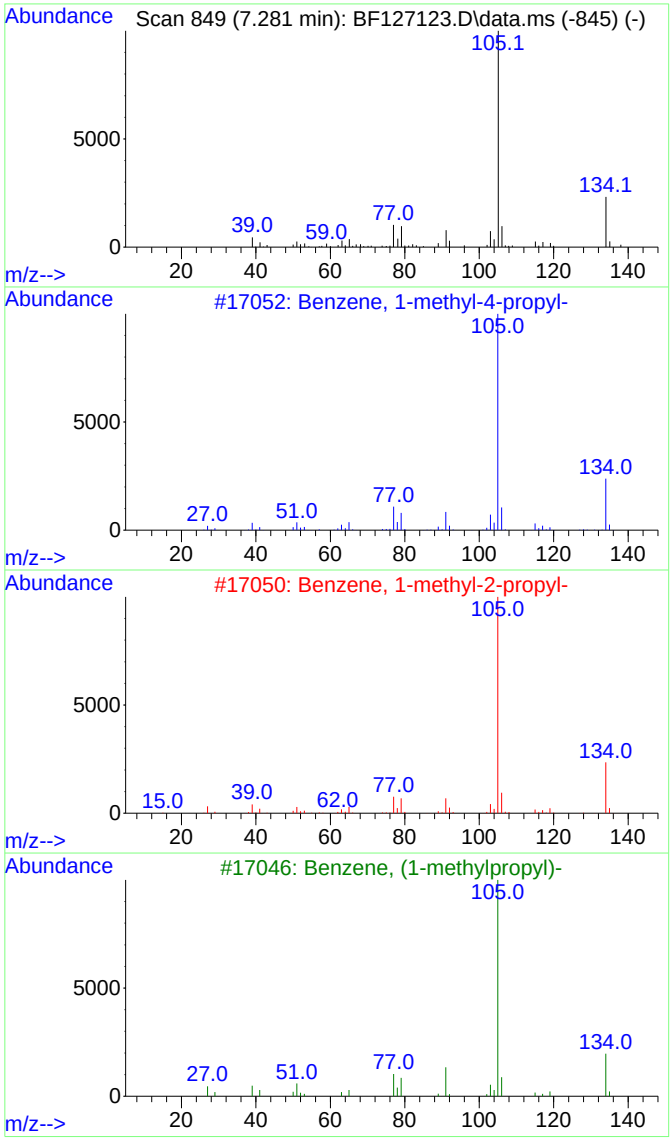
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

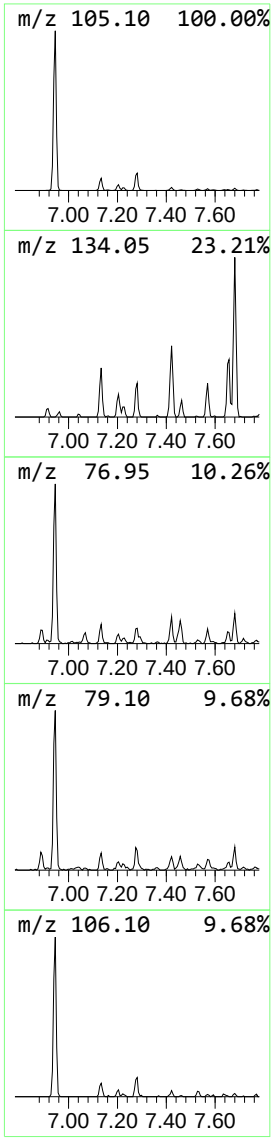
**********

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.281 | 3.30 ng | 93216 | 1,4-Dichlorobenzene-d4 | 6.892 |

| 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 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 91 |
| 5 | 2-Tolyloxirane | 134 | C9H10O | 002783-26-8 | 74 |



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Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

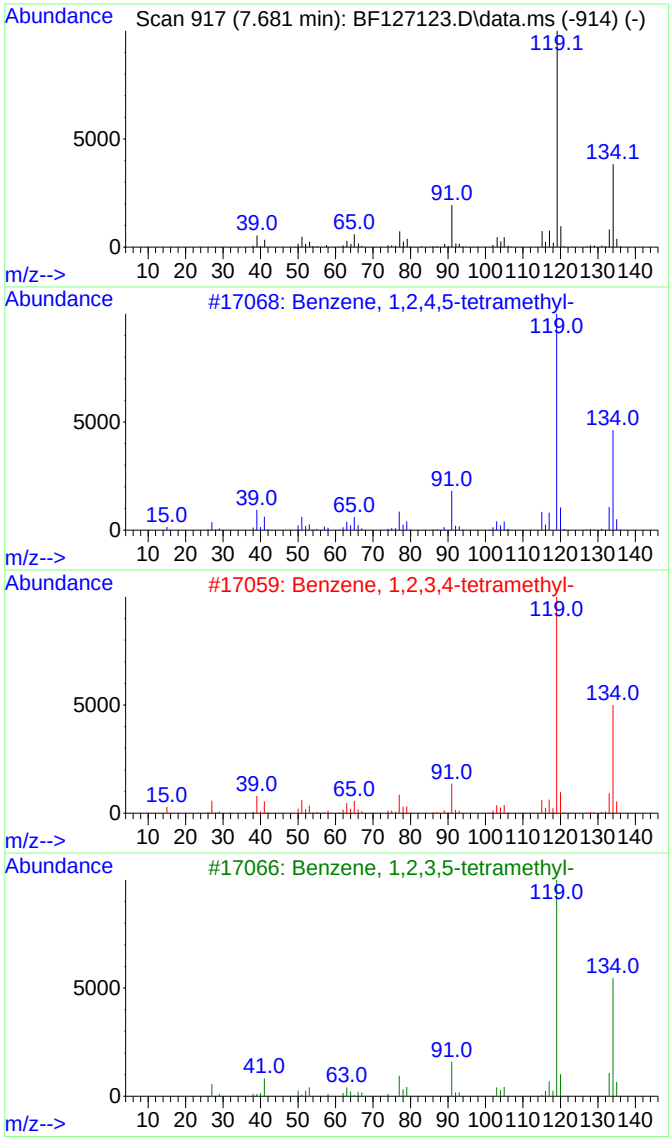
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

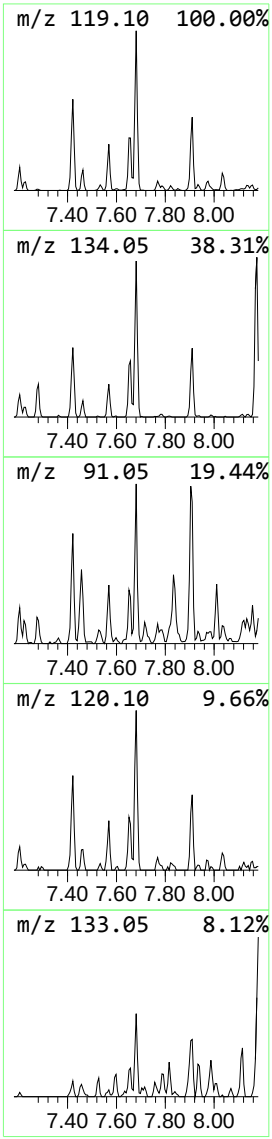
**********

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.681 | 4.98 ng | 229780 | Naphthalene-d8 | 8.175 |

| 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, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |



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Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

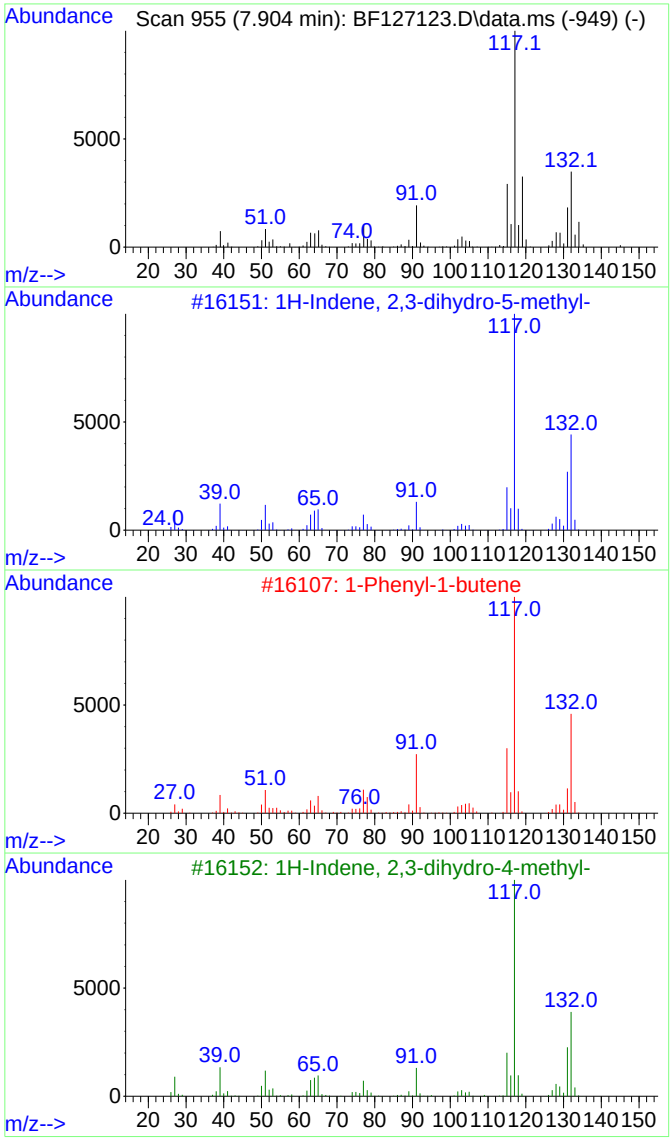
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

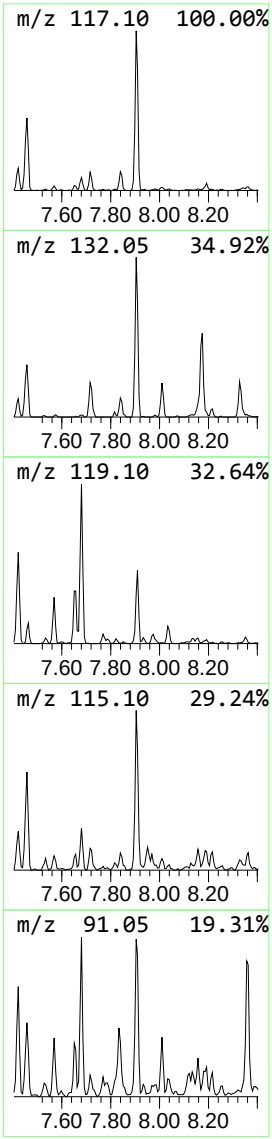
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.904 | 8.54 ng | 393554 | Naphthalene-d8 | 8.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 95 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 93 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 93 |
| 4 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 90 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 83 |



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Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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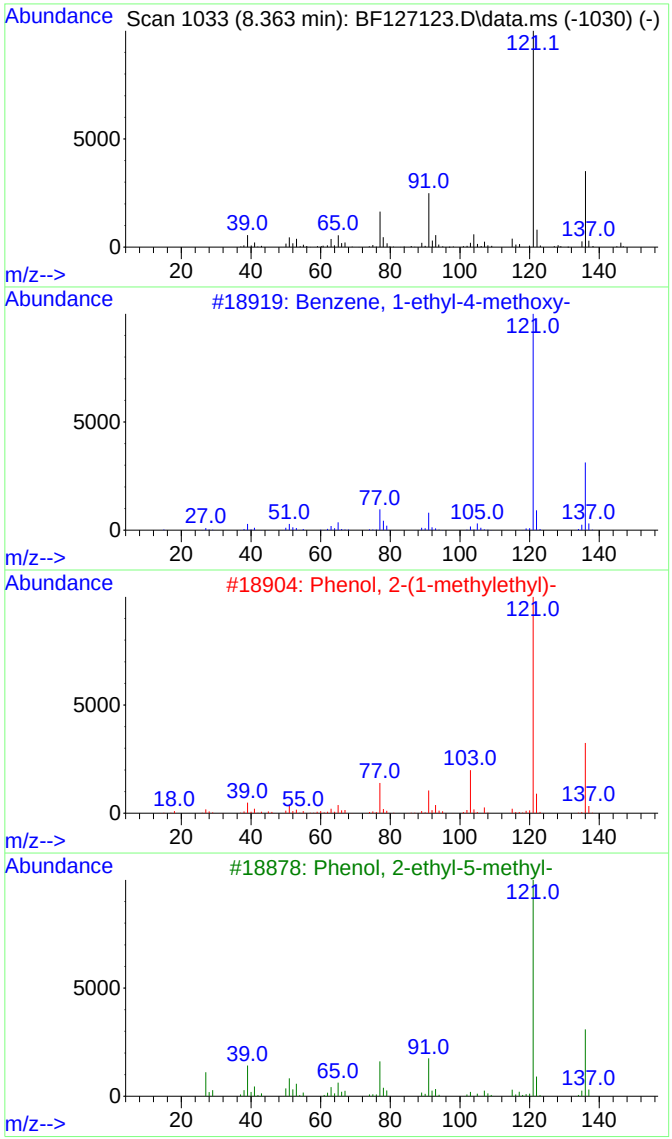
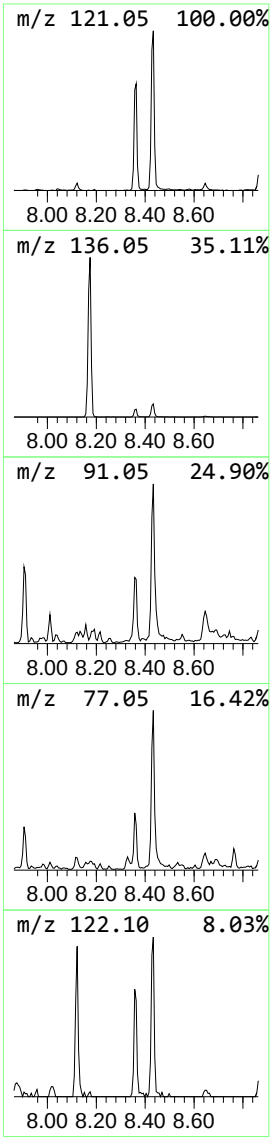
Peak Number 10 Benzene, 1-ethyl-4-methoxy- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.363 | 3.77 ng | 173611 | Naphthalene-d8 | 8.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-methoxy- | 136 | C9H12O | 001515-95-3 | 90 |
| 2 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 86 |
| 3 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 86 |
| 4 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 86 |
| 5 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 80 |



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Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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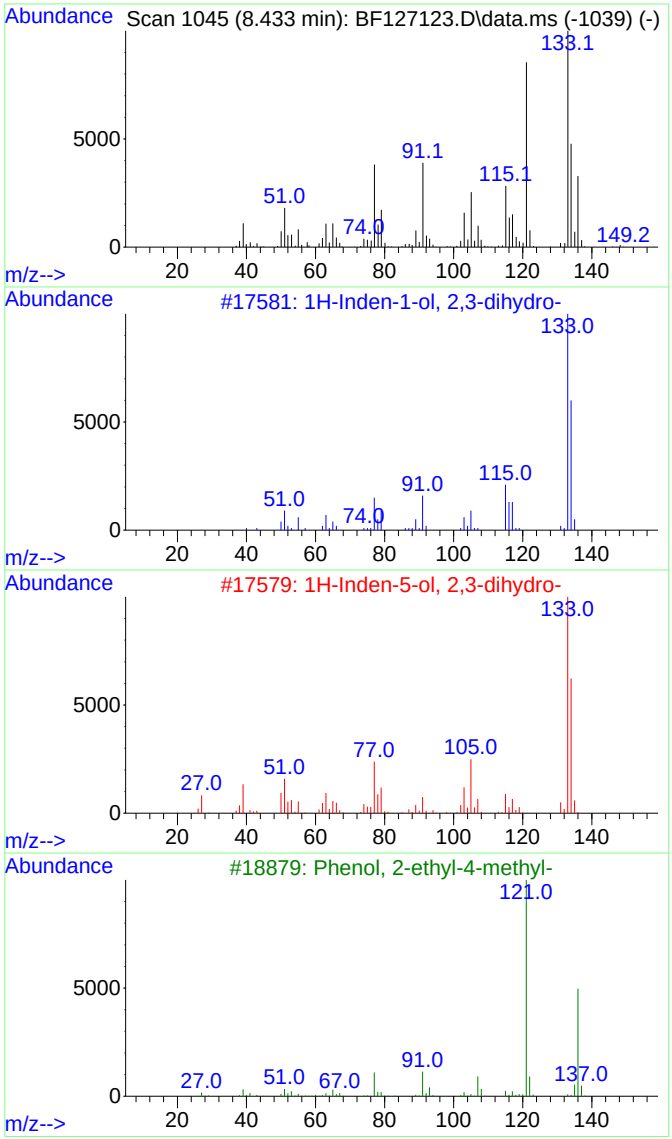
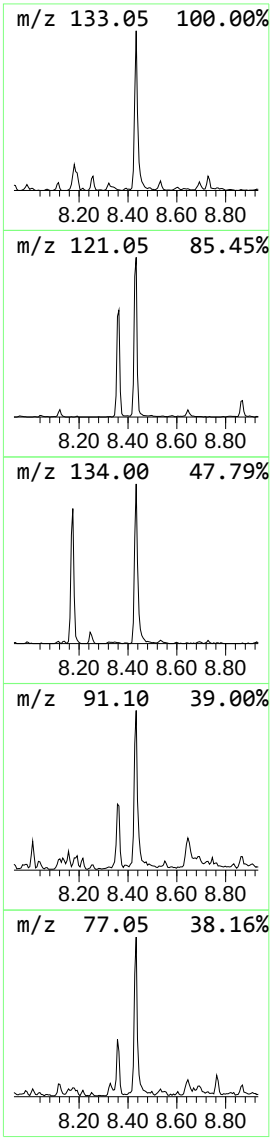
Peak Number 11 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.433 | 15.89 ng | 732900 | Naphthalene-d8 | 8.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-ol, 2,3-dihydro- | 134 | C9H10O | 006351-10-6 | 87 |
| 2 | 1H-Inden-5-ol, 2,3-dihydro- | 134 | C9H10O | 001470-94-6 | 45 |
| 3 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 41 |
| 4 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 38 |
| 5 | 1,3-Cyclohexadiene, 1-methyl-4-(... | 136 | C10H16 | 000099-86-5 | 38 |



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Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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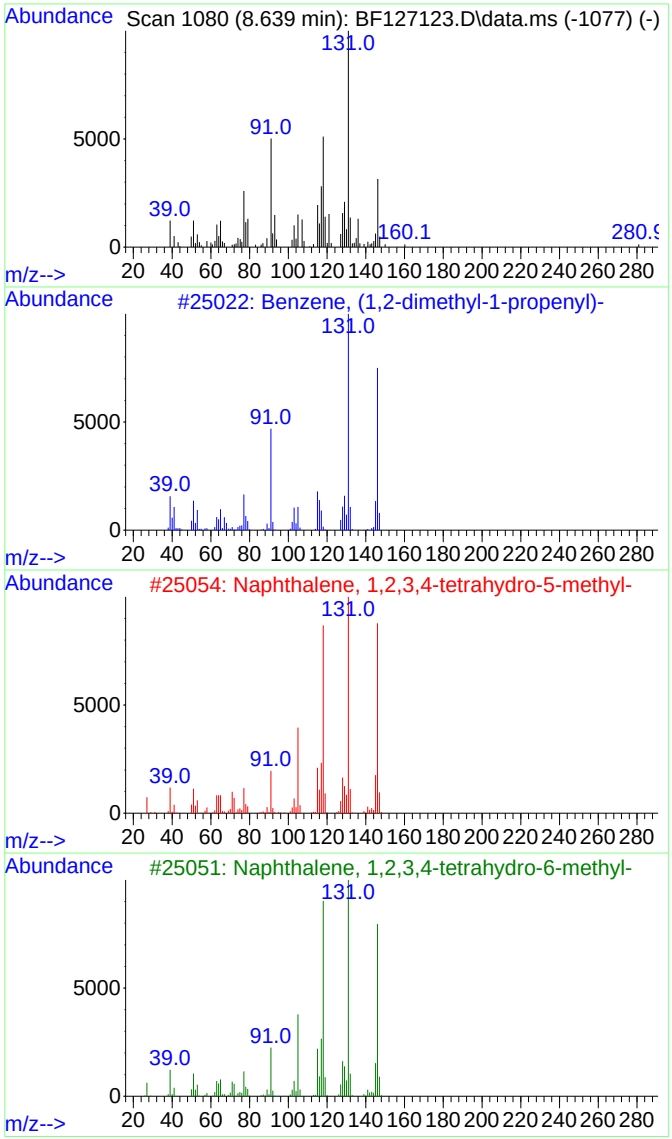
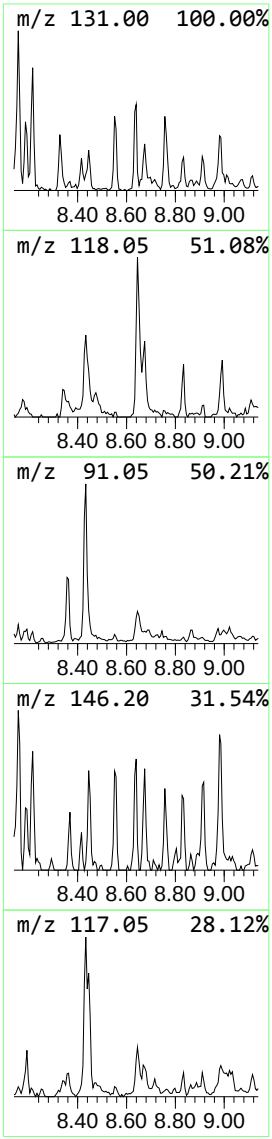
Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.639 | 2.59 ng | 119286 | Naphthalene-d8 | 8.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 83 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 81 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 74 |
| 4 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 64 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 64 |



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Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

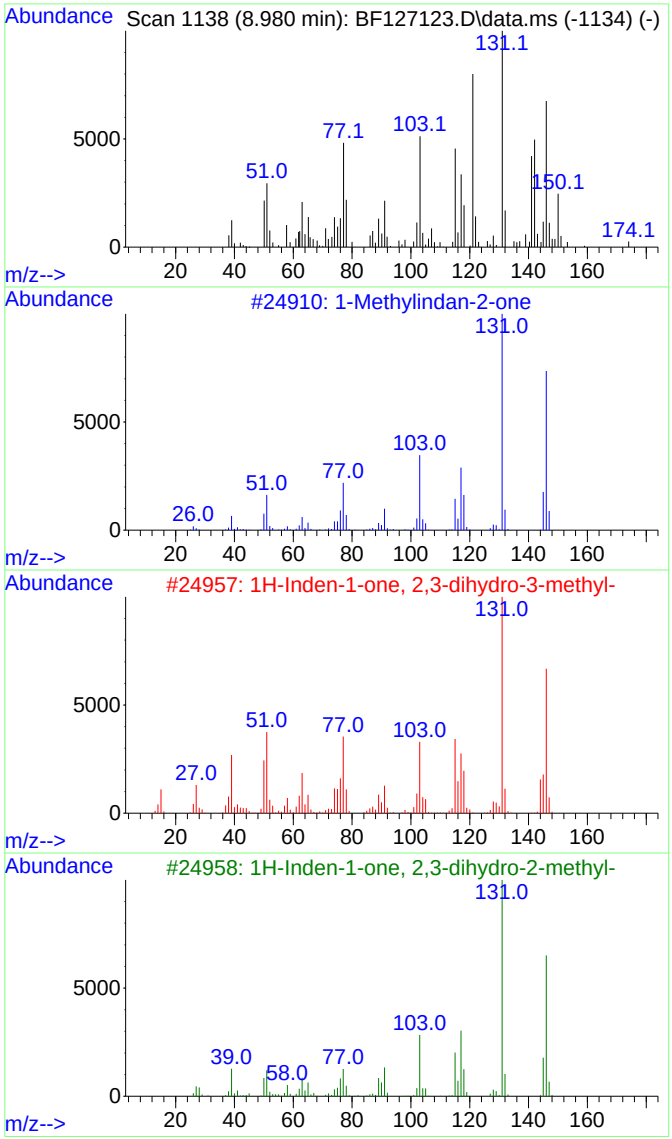
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

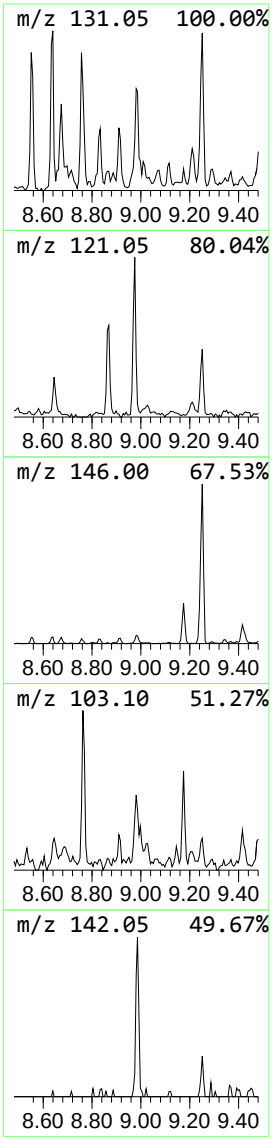
**********

Peak Number 13 1-Methylindan-2-one Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.980 | 3.33 ng | 153550 | Naphthalene-d8 | 8.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methylindan-2-one | 146 | C10H10O | 035587-60-1 | 55 |
| 2 | 1H-Inden-1-one, 2,3-dihydro-3-me... | 146 | C10H10O | 006072-57-7 | 42 |
| 3 | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 30 |
| 4 | 2-Propyn-1-ol, 3-(4-methylphenyl)- | 146 | C10H10O | 016017-24-6 | 22 |
| 5 | 3-Buten-2-one, 4-phenyl- | 146 | C10H10O | 000122-57-6 | 18 |



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Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

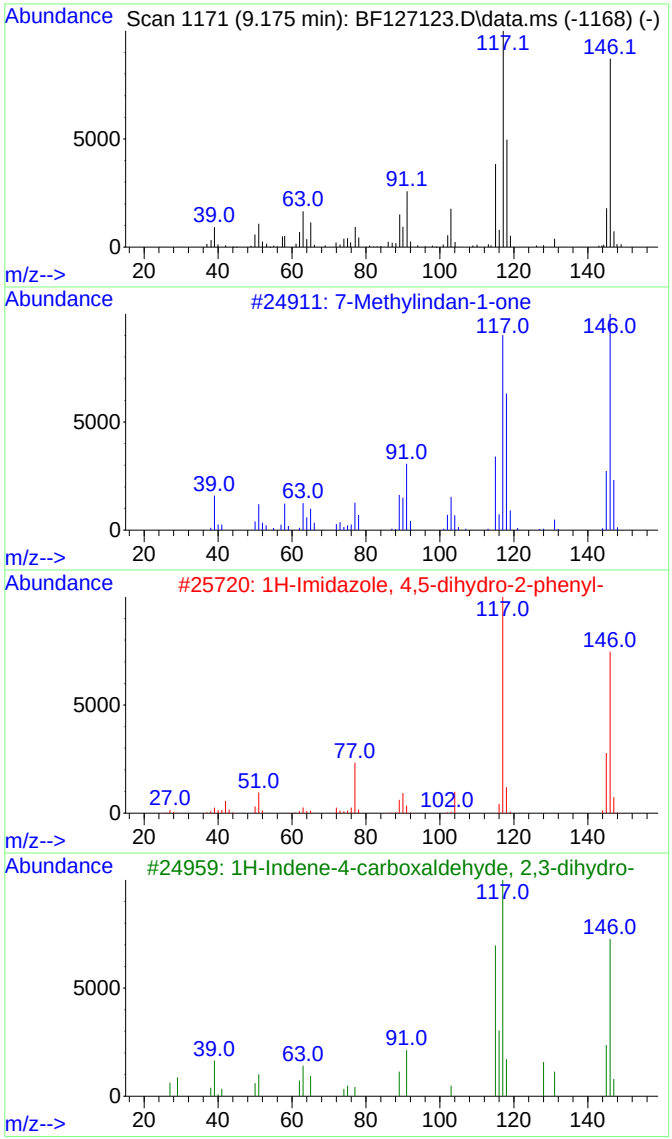
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

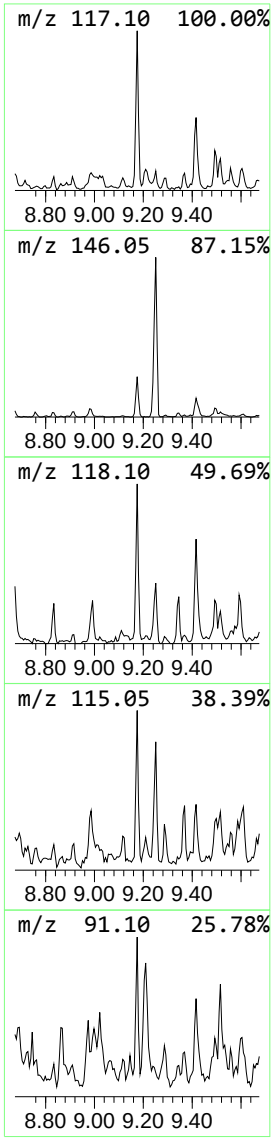
**********

Peak Number 14 7-Methylindan-1-one Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.175 | 2.25 ng | 101620 | Acenaphthene-d10 | 9.933 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylindan-1-one | 146 | C10H10O | 039627-61-7 | 76 |
| 2 | 1H-Imidazole, 4,5-dihydro-2-phenyl- | 146 | C9H10N2 | 000936-49-2 | 52 |
| 3 | 1H-Indene-4-carboxaldehyde, 2,3-... | 146 | C10H10O | 051932-70-8 | 52 |
| 4 | 1H-Benzimidazole-2-carboxaldehyde | 146 | C8H6N2O | 003314-30-5 | 50 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 46 |



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Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

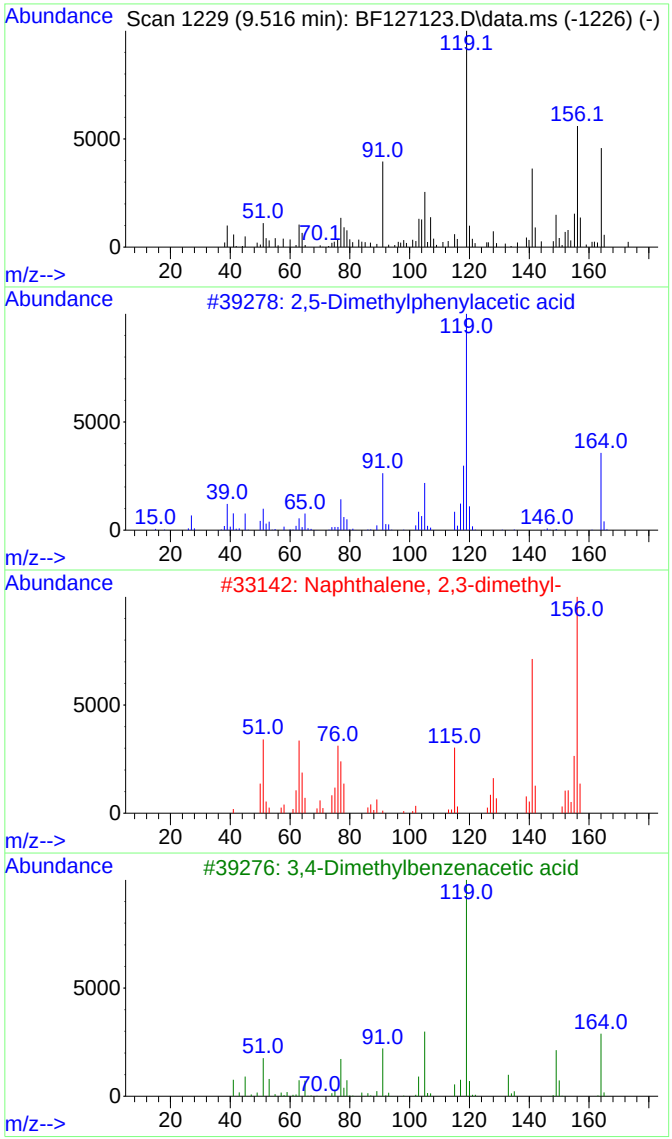
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

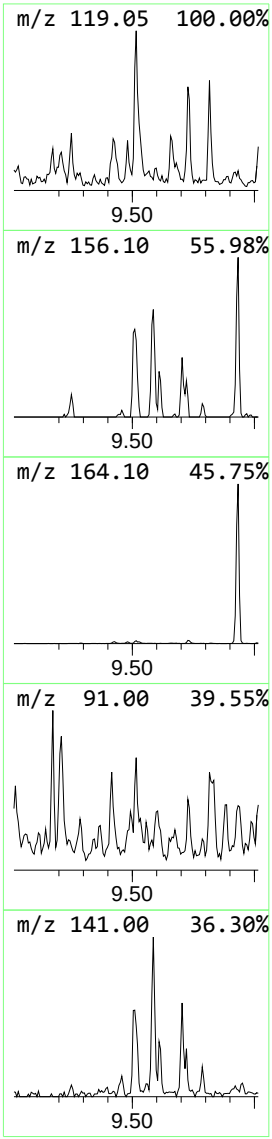
**********

Peak Number 15 2,5-Dimethylphenylacetic acid Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.516 | 2.06 ng | 93154 | Acenaphthene-d10 | 9.933 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,5-Dimethylphenylacetic acid | 164 | C10H12O2 | 1000342-65-5 | 55 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 47 |
| 3 | 3,4-Dimethylbenzenacetic acid | 164 | C10H12O2 | 017283-16-8 | 46 |
| 4 | 3,5-Dimethylphenylacetic acid | 164 | C10H12O2 | 042288-46-0 | 43 |
| 5 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 38 |



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Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

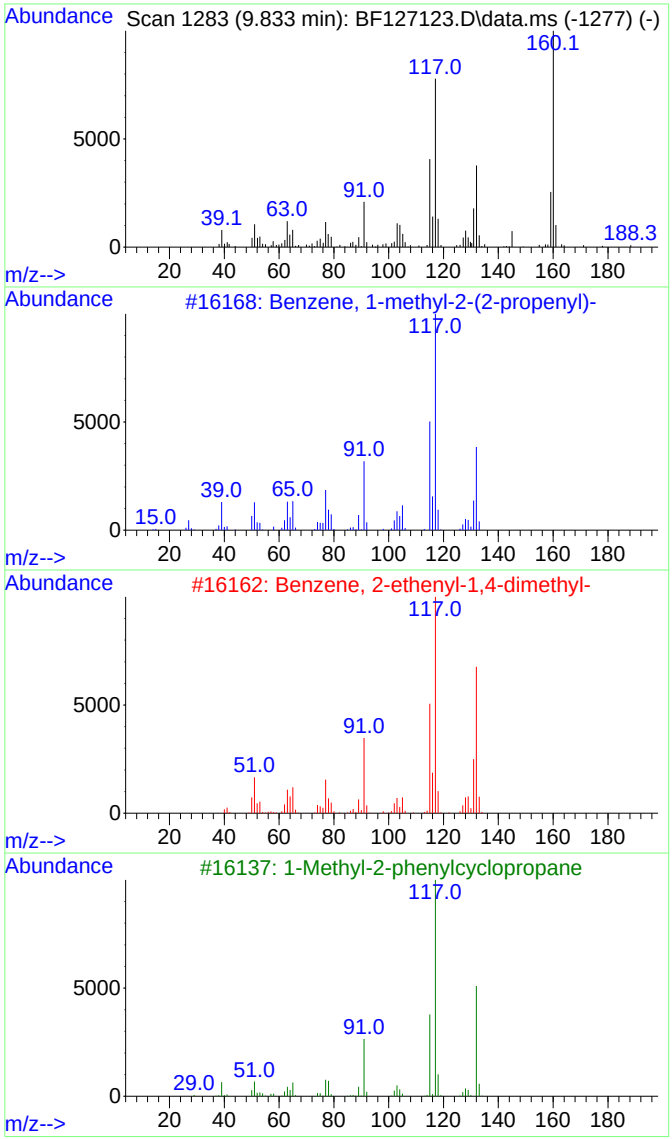
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

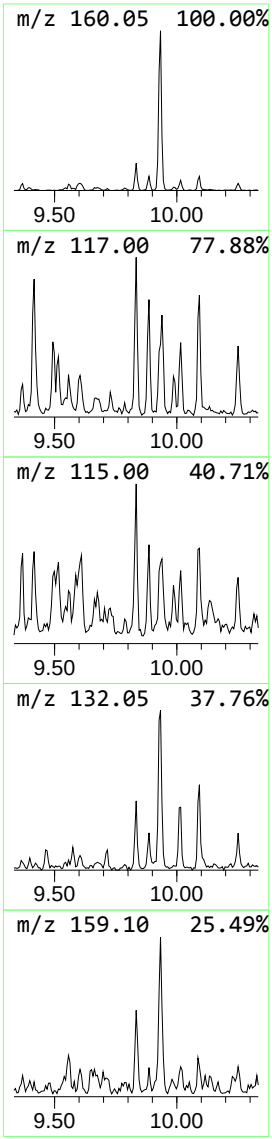
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1-methyl-2-(2-prop... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.833 | 2.75 ng | 124130 | Acenaphthene-d10 | 9.933 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 91 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 91 |
| 3 | 1-Methyl-2-phenylcyclopropane | 132 | C10H12 | 003145-76-4 | 86 |
| 4 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 78 |
| 5 | 1H-Inden-1-one, 2,3-dihydro-5,7-... | 160 | C11H12O | 006682-69-5 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

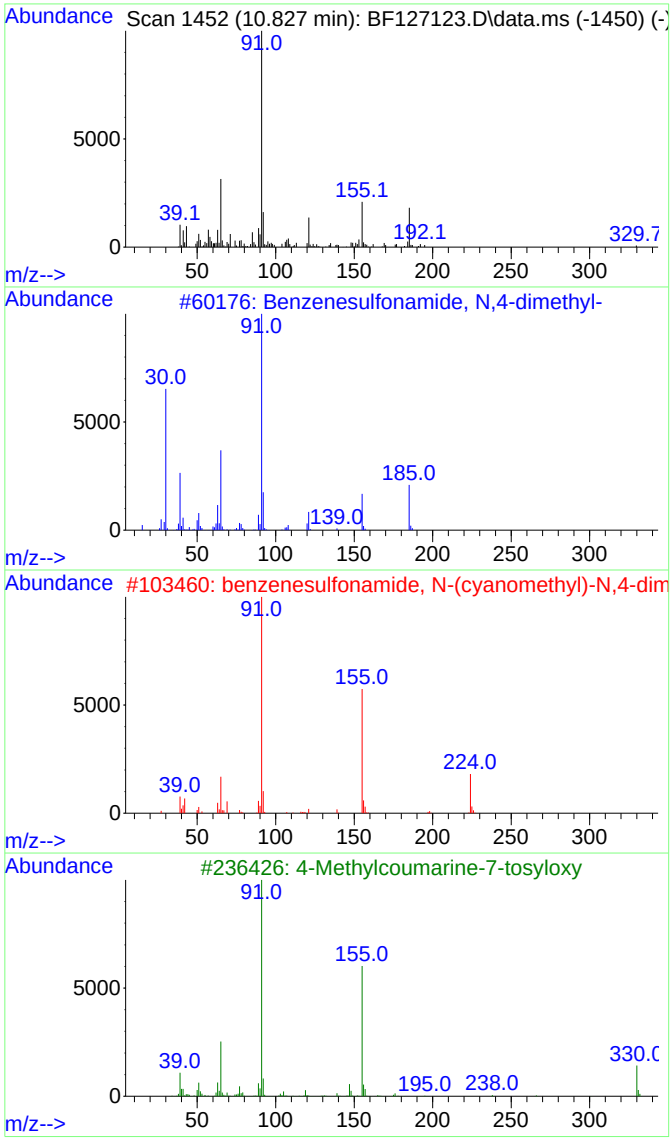
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

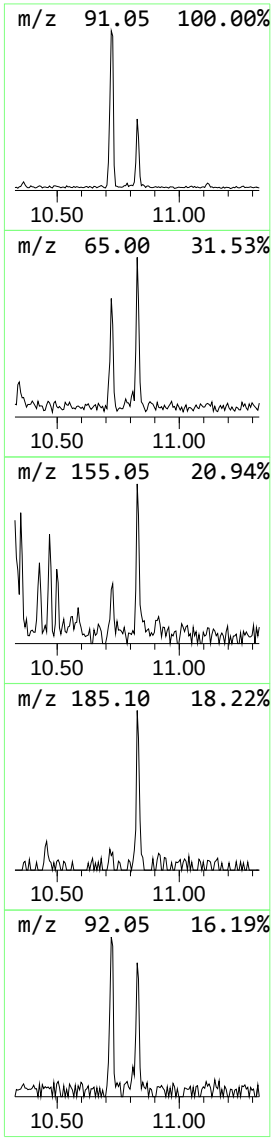
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzenesulfonamide, N,4-dim... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.827 | 2.48 ng | 103134 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N,4-dimethyl- | 185 | C8H11NO2S | 000640-61-9 | 87 |
| 2 | benzenesulfonamide, N-(cyanometh... | 224 | C10H12N2O2S | 1000400-88-5 | 59 |
| 3 | 4-Methylcoumarine-7-tosyloxy | 330 | C17H14O5S | 019055-87-9 | 58 |
| 4 | N-(4H-1,2,4-Triazol-4-yl)-p-tolu... | 238 | C9H10N4O2S | 032585-76-5 | 53 |
| 5 | 4-Methyl-N-(1H-tetrazol-5-yl)-be... | 239 | C8H9N5O2S | 006455-80-7 | 53 |



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Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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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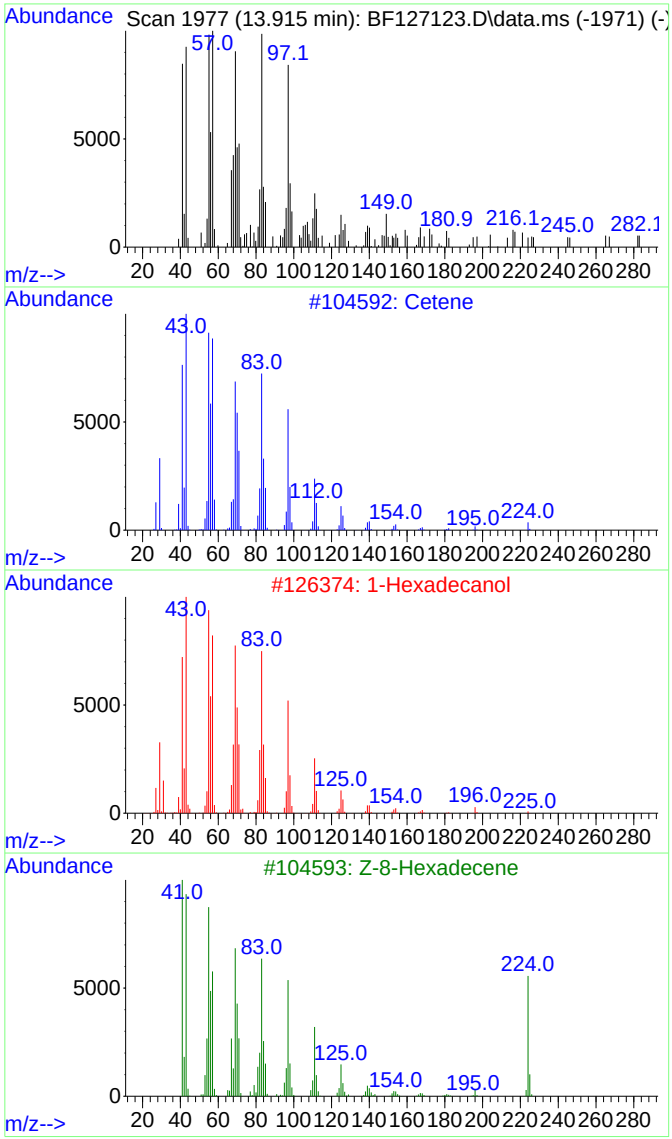
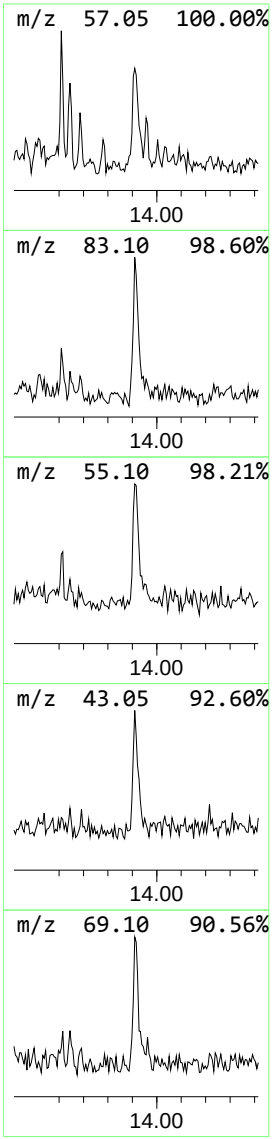
Peak Number 18 Cetene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.915 | 3.26 ng | 79783 | Chrysene-d12 | 14.068 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cetene | 224 | C16H32 | 000629-73-2 | 86 |
| 2 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 74 |
| 3 | Z-8-Hexadecene | 224 | C16H32 | 1000130-87-5 | 70 |
| 4 | 7-Hexadecene, (Z)- | 224 | C16H32 | 035507-09-6 | 68 |
| 5 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127123.D
Acq On : 01 Mar 2022 18:34
Operator : CG\JU
Sample : N1688-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
MW-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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 |
| Benzene, 1-ethy... | 6.445 | 4.9 | ng | 139163 | 1 | 6.892 | 565694 | 20.0 |
| Benzene, 1-ethy... | 6.575 | 7.3 | ng | 207555 | 1 | 6.892 | 565694 | 20.0 |
| Mesitylene | 6.945 | 26.5 | ng | 749436 | 1 | 6.892 | 565694 | 20.0 |
| Indane | 7.069 | 8.4 | ng | 238968 | 1 | 6.892 | 565694 | 20.0 |
| Benzene, 1,4-di... | 7.133 | 4.6 | ng | 130023 | 1 | 6.892 | 565694 | 20.0 |
| Benzene, 1,2-di... | 7.204 | 2.2 | ng | 61389 | 1 | 6.892 | 565694 | 20.0 |
| Benzene, 1-meth... | 7.281 | 3.3 | ng | 93216 | 1 | 6.892 | 565694 | 20.0 |
| Benzene, 1,2,4,... | 7.681 | 5.0 | ng | 229780 | 2 | 8.175 | 922186 | 20.0 |
| 1H-Indene, 2,3-... | 7.904 | 8.5 | ng | 393554 | 2 | 8.175 | 922186 | 20.0 |
| Benzene, 1-ethy... | 8.363 | 3.8 | ng | 173611 | 2 | 8.175 | 922186 | 20.0 |
| 1H-Inden-1-ol, ... | 8.433 | 15.9 | ng | 732900 | 2 | 8.175 | 922186 | 20.0 |
| Benzene, (1,2-d... | 8.639 | 2.6 | ng | 119286 | 2 | 8.175 | 922186 | 20.0 |
| 1-Methylindan-2... | 8.980 | 3.3 | ng | 153550 | 2 | 8.175 | 922186 | 20.0 |
| 7-Methylindan-1... | 9.175 | 2.3 | ng | 101620 | 3 | 9.933 | 903543 | 20.0 |
| 2,5-Dimethylphe... | 9.516 | 2.1 | ng | 93154 | 3 | 9.933 | 903543 | 20.0 |
| Benzene, 1-meth... | 9.833 | 2.8 | ng | 124130 | 3 | 9.933 | 903543 | 20.0 |
| Benzenesulfonam... | 10.827 | 2.5 | ng | 103134 | 4 | 11.422 | 831297 | 20.0 |
| Cetene | 13.915 | 3.3 | ng | 79783 | 5 | 14.068 | 488861 | 20.0 |