LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

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:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.370 | 15 | 16 | 18 | rVB | 16644869 | 11671235 | 100.00% | 29.437% |
| 2 | 1.495 | 25 | 27 | 31 | rVB | 261530 | 340684 | 2.92% | 0.859% |
| 3 | 2.261 | 92 | 94 | 108 | rVB2 | 48649 | 168451 | 1.44% | 0.425% |
| 4 | 2.455 | 108 | 111 | 123 | rVV | 916025 | 1530778 | 13.12% | 3.861% |
| 5 | 2.661 | 126 | 129 | 132 | rVB | 198120 | 303900 | 2.60% | 0.767% |
| 6 | 2.913 | 148 | 151 | 155 | rVB | 614654 | 961152 | 8.24% | 2.424% |
| 7 | 5.233 | 351 | 354 | 357 | rBV | 1195590 | 1230122 | 10.54% | 3.103% |
| 8 | 5.862 | 406 | 409 | 411 | rVB | 459147 | 561817 | 4.81% | 1.417% |
| 9 | 6.124 | 429 | 432 | 434 | rBV | 564974 | 582195 | 4.99% | 1.468% |
| 10 | 7.096 | 515 | 517 | 519 | rBV | 483119 | 395574 | 3.39% | 0.998% |
| 11 | 7.267 | 530 | 532 | 534 | rVB | 931174 | 1163018 | 9.96% | 2.933% |
| 12 | 7.507 | 551 | 553 | 557 | rBV2 | 541802 | 540952 | 4.63% | 1.364% |
| 13 | 7.667 | 565 | 567 | 569 | rBV | 1867100 | 1542274 | 13.21% | 3.890% |
| 14 | 8.056 | 600 | 601 | 604 | rVB | 921401 | 963612 | 8.26% | 2.430% |
| 15 | 8.799 | 664 | 666 | 668 | rBV | 722246 | 594942 | 5.10% | 1.501% |
| 16 | 9.336 | 711 | 713 | 716 | rBV2 | 211370 | 305243 | 2.62% | 0.770% |
| 17 | 9.873 | 758 | 760 | 762 | rVB | 3713092 | 2913163 | 24.96% | 7.348% |
| 18 | 10.228 | 788 | 791 | 799 | rBV | 289284 | 852371 | 7.30% | 2.150% |
| 19 | 10.571 | 819 | 821 | 823 | rVB | 608319 | 689459 | 5.91% | 1.739% |
| 20 | 10.936 | 851 | 853 | 854 | rBV | 1025056 | 1118339 | 9.58% | 2.821% |
| 21 | 11.028 | 859 | 861 | 863 | rBV | 416025 | 399533 | 3.42% | 1.008% |
| 22 | 11.371 | 887 | 891 | 893 | rBV2 | 1464949 | 1631832 | 13.98% | 4.116% |
| 23 | 11.634 | 912 | 914 | 916 | rBV | 194712 | 185518 | 1.59% | 0.468% |
| 24 | 12.091 | 951 | 954 | 956 | rBV | 857987 | 774298 | 6.63% | 1.953% |
| 25 | 12.662 | 1001 | 1004 | 1006 | rVB | 265867 | 380670 | 3.26% | 0.960% |
| 26 | 13.405 | 1067 | 1069 | 1072 | rBV | 2174734 | 1894887 | 16.24% | 4.779% |
| 27 | 13.645 | 1086 | 1090 | 1093 | rBV | 353344 | 364732 | 3.13% | 0.920% |
| 28 | 13.805 | 1101 | 1104 | 1106 | rBV | 2324546 | 3249508 | 27.84% | 8.196% |
| 29 | 14.434 | 1157 | 1159 | 1162 | rBV | 748894 | 683601 | 5.86% | 1.724% |
| 30 | 15.097 | 1215 | 1217 | 1220 | rBV | 805855 | 879353 | 7.53% | 2.218% |
| 31 | 17.074 | 1386 | 1390 | 1393 | rBV | 453297 | 774363 | 6.63% | 1.953% |

Sum of corrected areas: 39647576

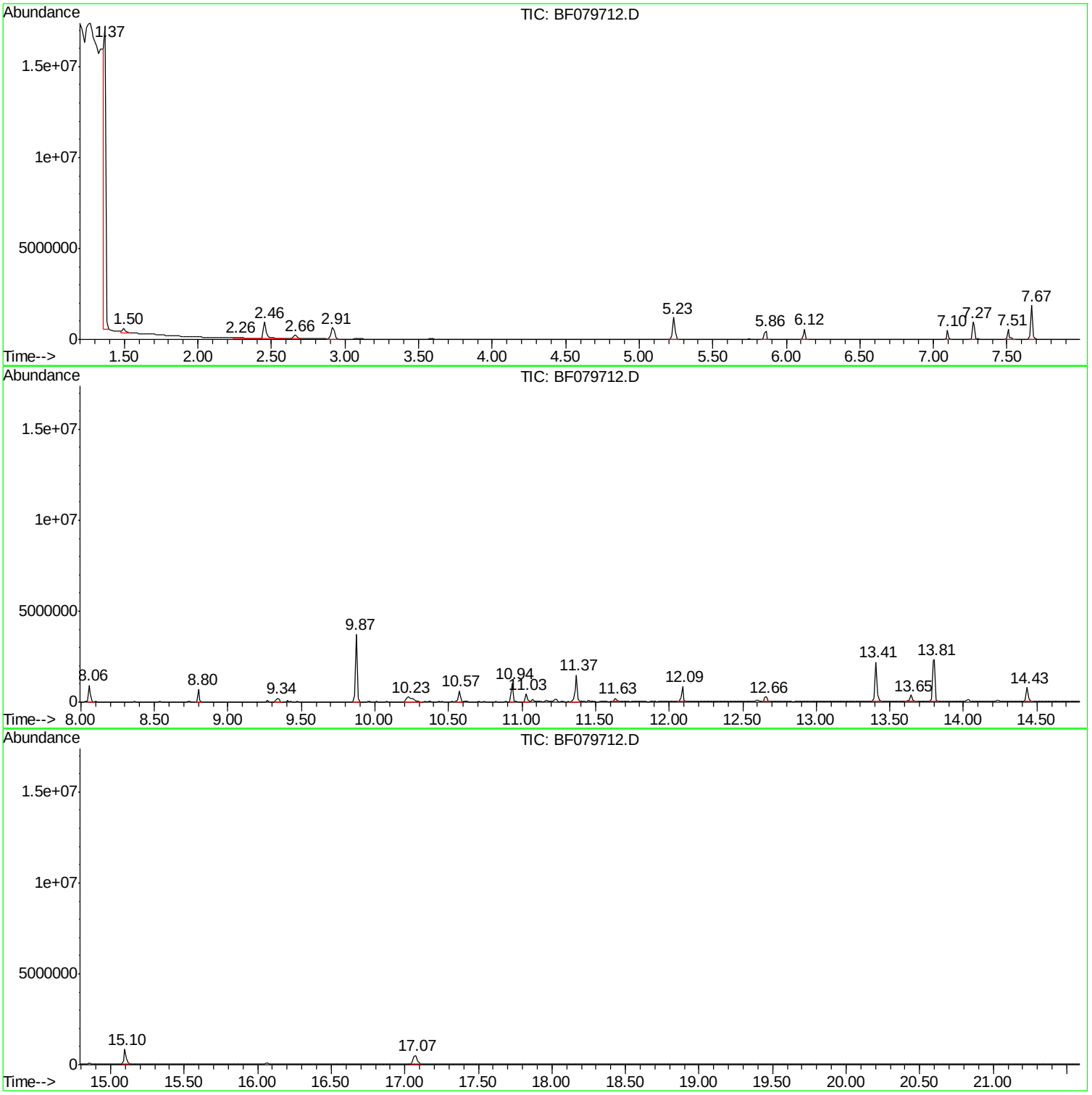
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

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Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

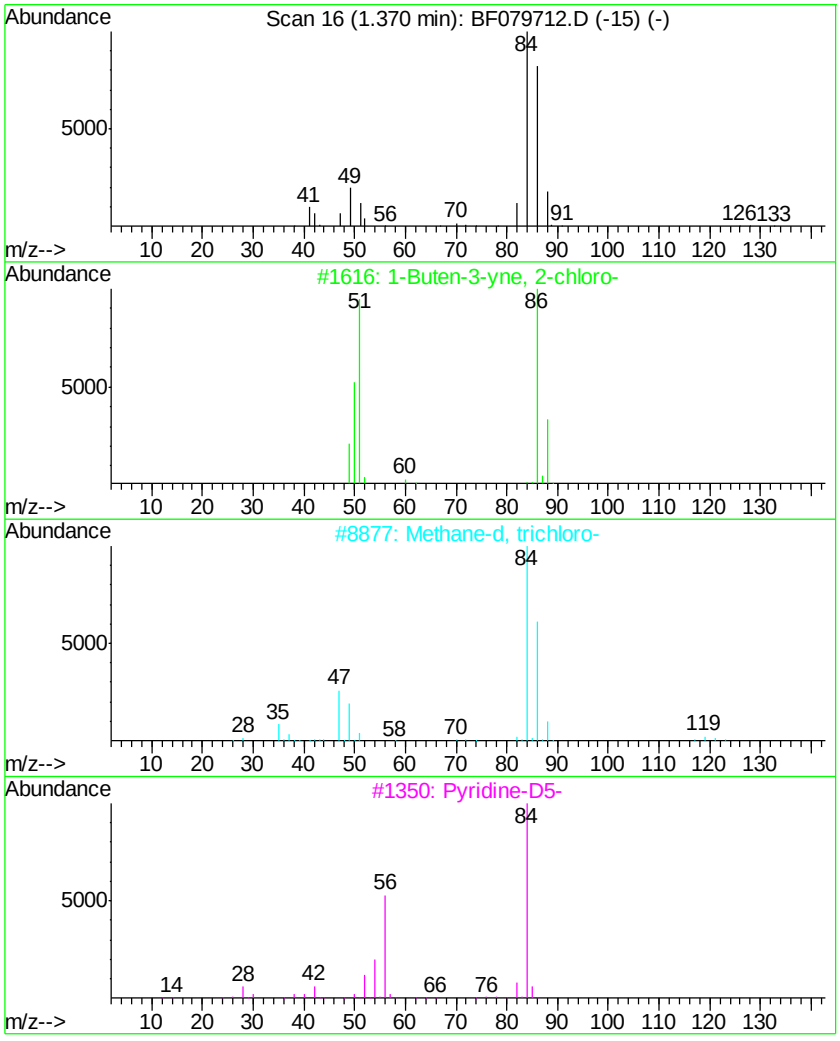
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

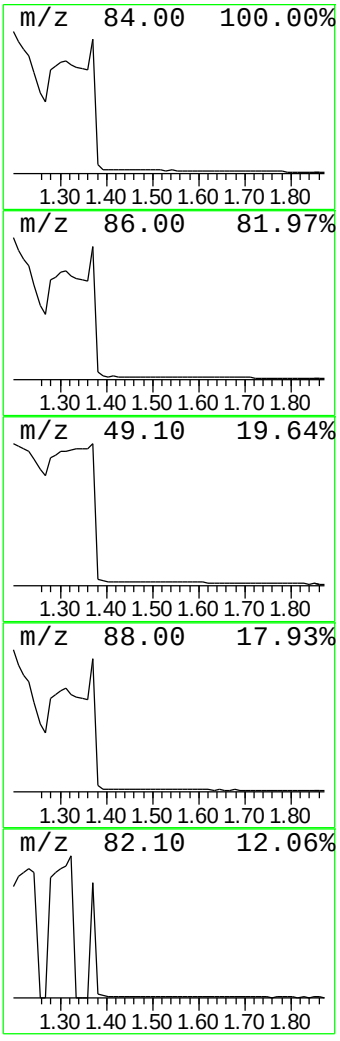
**********

Peak Number 1 unknown1.37 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.37 | 431.51 ng | 11671200 | 1,4-Dichlorobenzene-d4 | 7.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Buten-3-yne, 2-chloro- | 86 | C4H3Cl | 017712-36-6 | 12 |
| 2 | Methane-d, trichloro- | 119 | CDCl3 | 000865-49-6 | 9 |
| 3 | Pyridine-D5- | 84 | C5D5N | 007291-22-7 | 5 |
| 4 | Perdeuterobenzene | 84 | C6D6 | 001076-43-3 | 5 |
| 5 | 2-Butenoic acid, (E)- | 86 | C4H6O2 | 000107-93-7 | 5 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

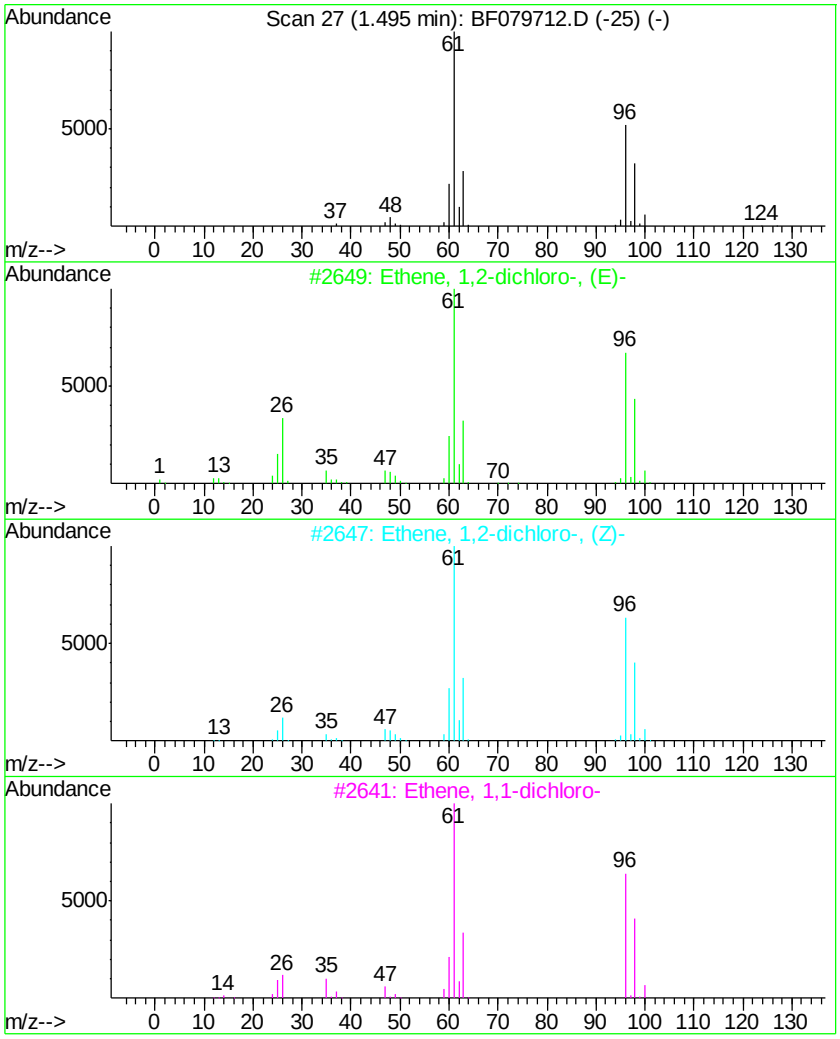
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

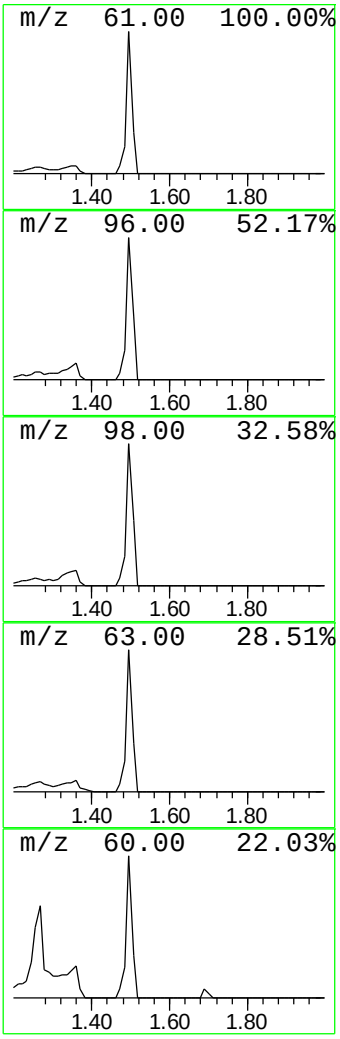
**********

Peak Number 2 Ethene, 1,2-dichloro-, (E)- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.50 | 12.60 ng | 340684 | 1,4-Dichlorobenzene-d4 | 7.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethene, 1,2-dichloro-, (E)- | 96 | C2H2Cl2 | 000156-60-5 | 94 |
| 2 | Ethene, 1,2-dichloro-, (Z)- | 96 | C2H2Cl2 | 000156-59-2 | 94 |
| 3 | Ethene, 1,1-dichloro- | 96 | C2H2Cl2 | 000075-35-4 | 91 |
| 4 | 1,2-Dichloroethylene | 96 | C2H2Cl2 | 000540-59-0 | 90 |
| 5 | 1H-Pyrazole, 1,5-dimethyl- | 96 | C5H8N2 | 000694-31-5 | 12 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

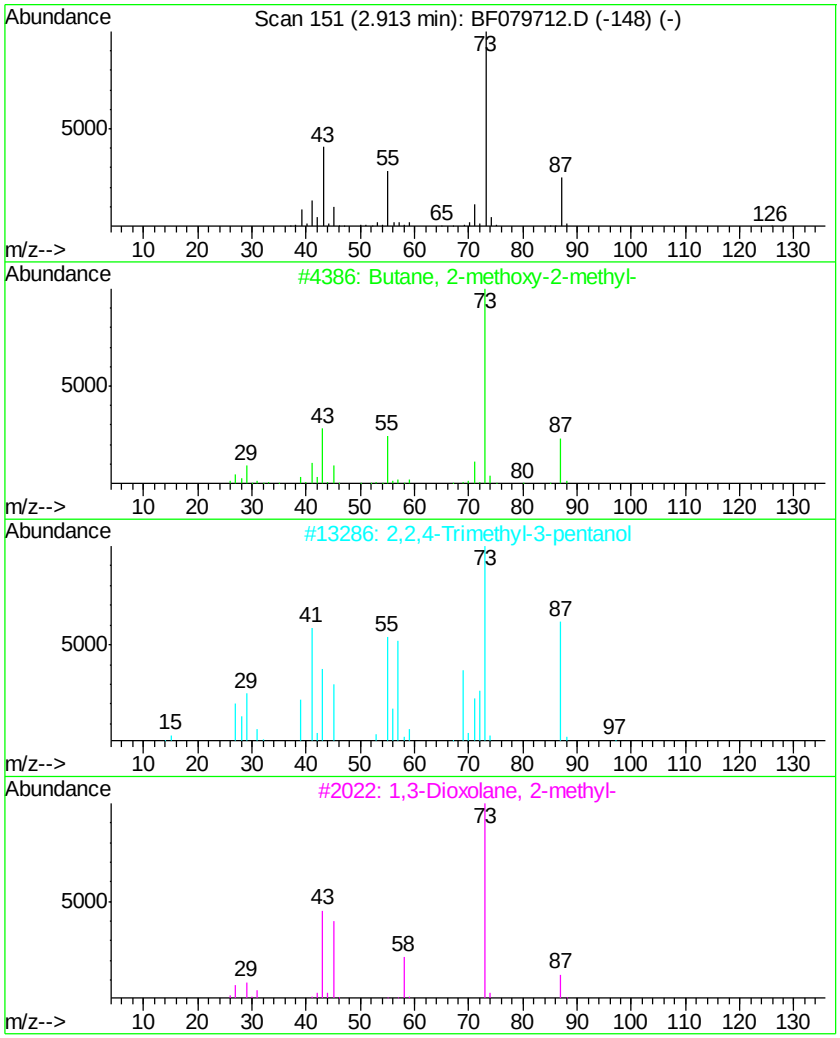
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

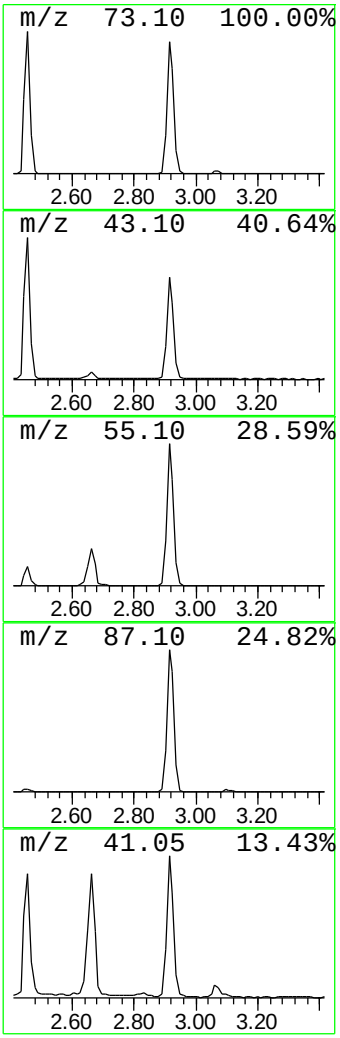
**********

Peak Number 6 Butane, 2-methoxy-2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.91 | 35.54 ng | 961152 | 1,4-Dichlorobenzene-d4 | 7.51 |

| 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 | 40 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 23 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 10 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

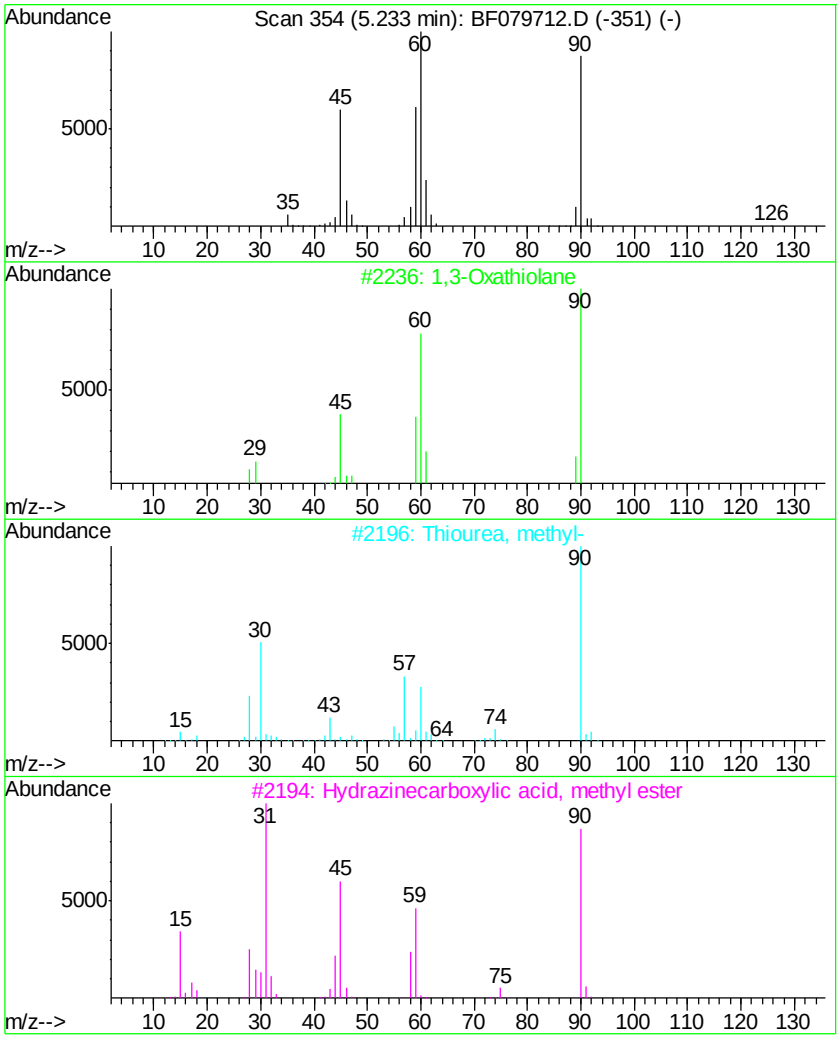
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

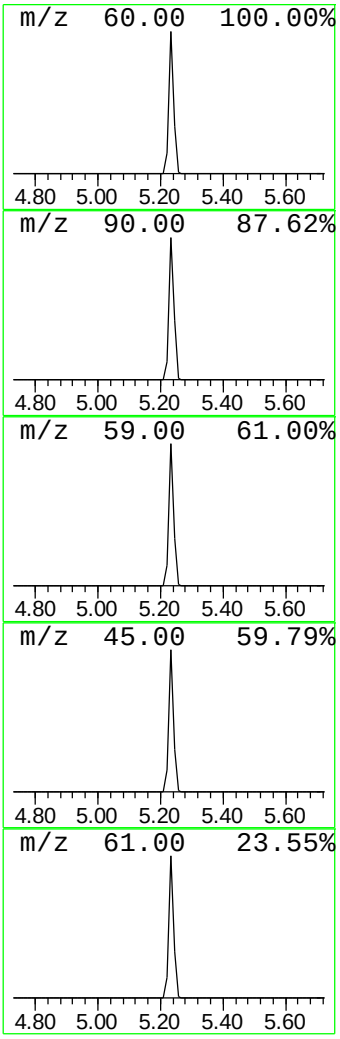
**********

Peak Number 7 1,3-Oxathiolane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.23 | 45.48 ng | 1230120 | 1,4-Dichlorobenzene-d4 | 7.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Oxathiolane | 90 | C3H6OS | 002094-97-5 | 56 |
| 2 | Thiourea, methyl- | 90 | C2H6N2S | 000598-52-7 | 50 |
| 3 | Hydrazinecarboxylic acid, methyl... | 90 | C2H6N2O2 | 006294-89-9 | 45 |
| 4 | Acrolein, 2-chloro- | 90 | C3H3ClO | 000683-51-2 | 38 |
| 5 | 3-Thietanol | 90 | C3H6OS | 010304-16-2 | 33 |



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Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

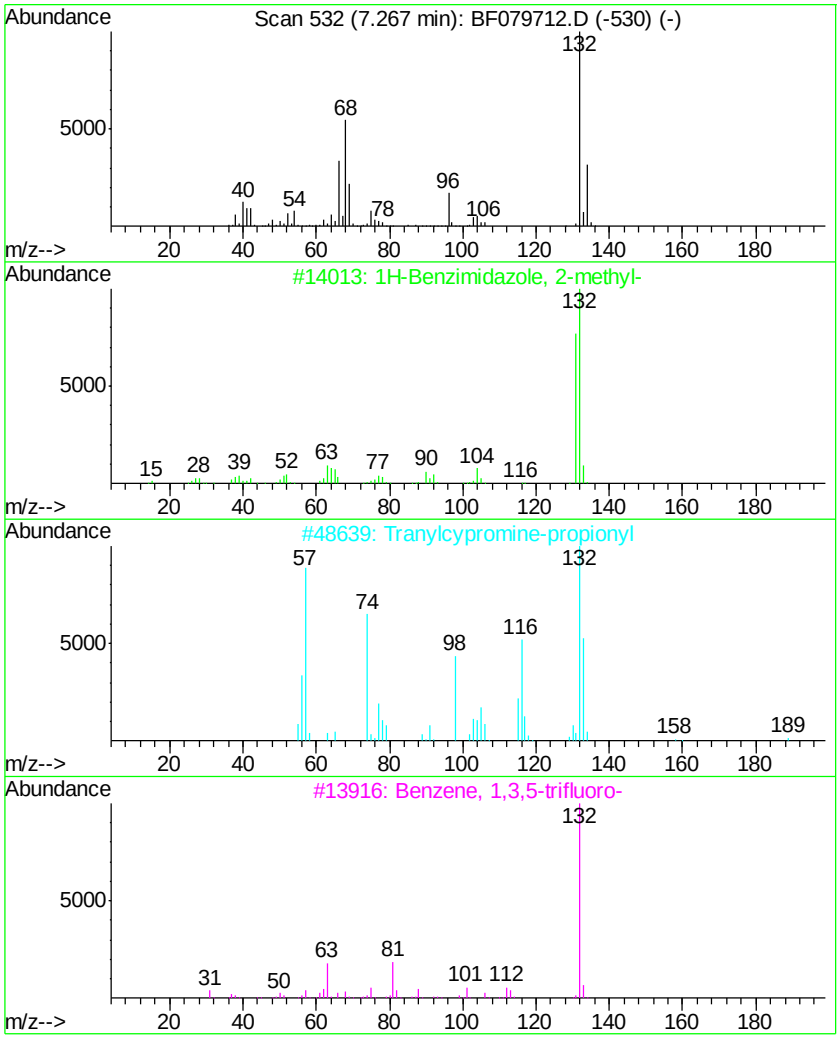
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

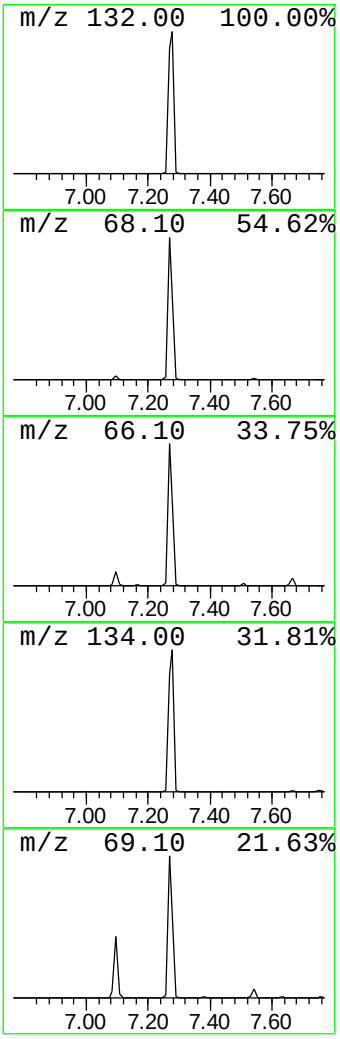
**********

Peak Number 9 unknown7.27 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.27 | 43.00 ng | 1163020 | 1,4-Dichlorobenzene-d4 | 7.51 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Benzimidazole, 2-methyl- | 132 | C8H8N2 | 000615-15-6 | 22 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 22 |
| 3 | Benzene, 1,3,5-trifluoro- | 132 | C6H3F3 | 000372-38-3 | 14 |
| 4 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 12 |
| 5 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 11 |



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Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

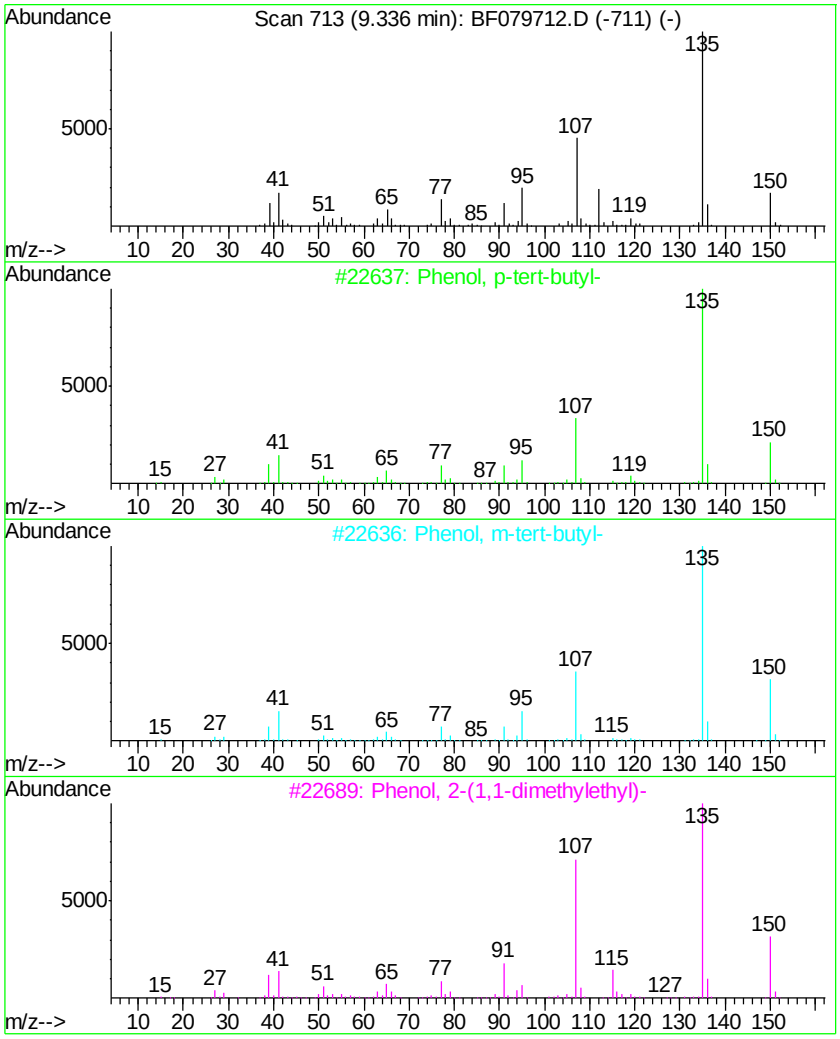
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

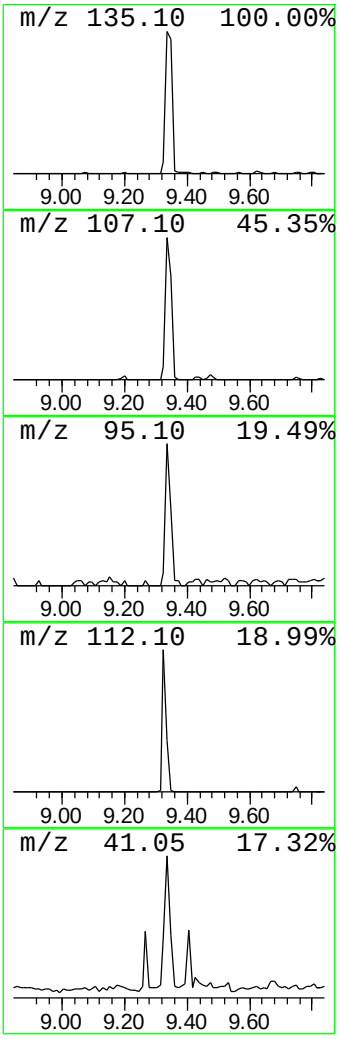
**********

Peak Number 11 Phenol, p-tert-butyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.34 | 10.26 ng | 305243 | Naphthalene-d8 | 8.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 96 |
| 2 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 90 |
| 3 | Phenol, 2-(1,1-dimethylethyl)- | 150 | C10H14O | 000088-18-6 | 53 |
| 4 | Ethanone, 1-(2-hydroxy-5-methylp... | 150 | C9H10O2 | 001450-72-2 | 50 |
| 5 | Benzene, 1-methoxy-4-(1-methylet... | 150 | C10H14O | 004132-48-3 | 47 |



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Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

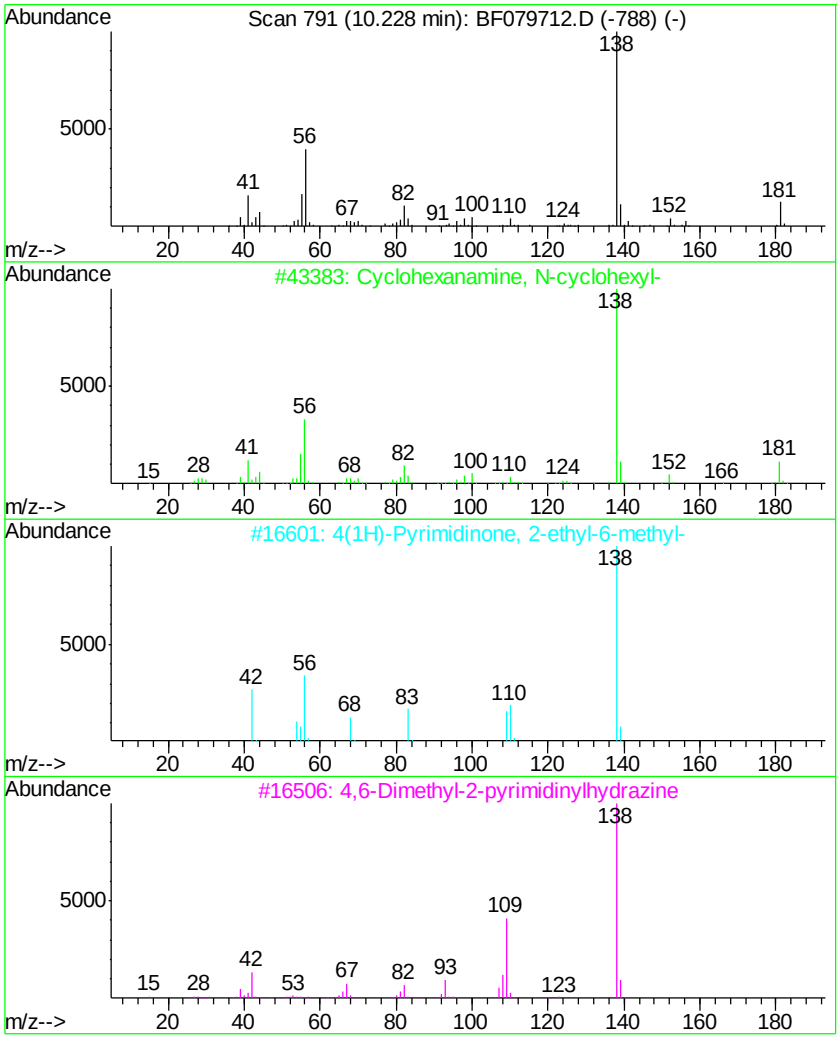
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

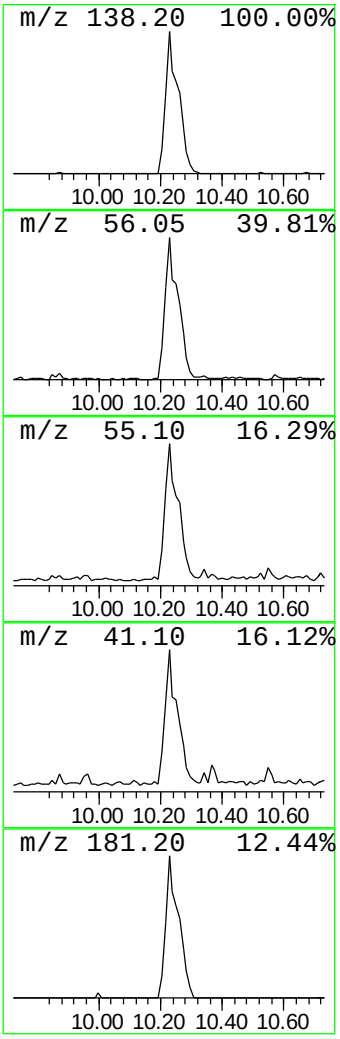
**********

Peak Number 12 Cyclohexanamine, N-cyclohexyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.23 | 24.73 ng | 852371 | Acenaphthene-d10 | 10.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 95 |
| 2 | 4(1H)-Pyrimidinone, 2-ethyl-6-me... | 138 | C7H10N2O | 016858-50-7 | 59 |
| 3 | 4,6-Dimethyl-2-pyrimidinylhydrazine | 138 | C6H10N4 | 023906-13-0 | 47 |
| 4 | N-[1-(Dicyclohexylamino)-2,2,2-t... | 416 | C19H30F6N2O | 1000225-27-8 | 45 |
| 5 | Butanoic acid, 4-dicyclohexylami... | 281 | C16H27NO3 | 328013-95-2 | 37 |



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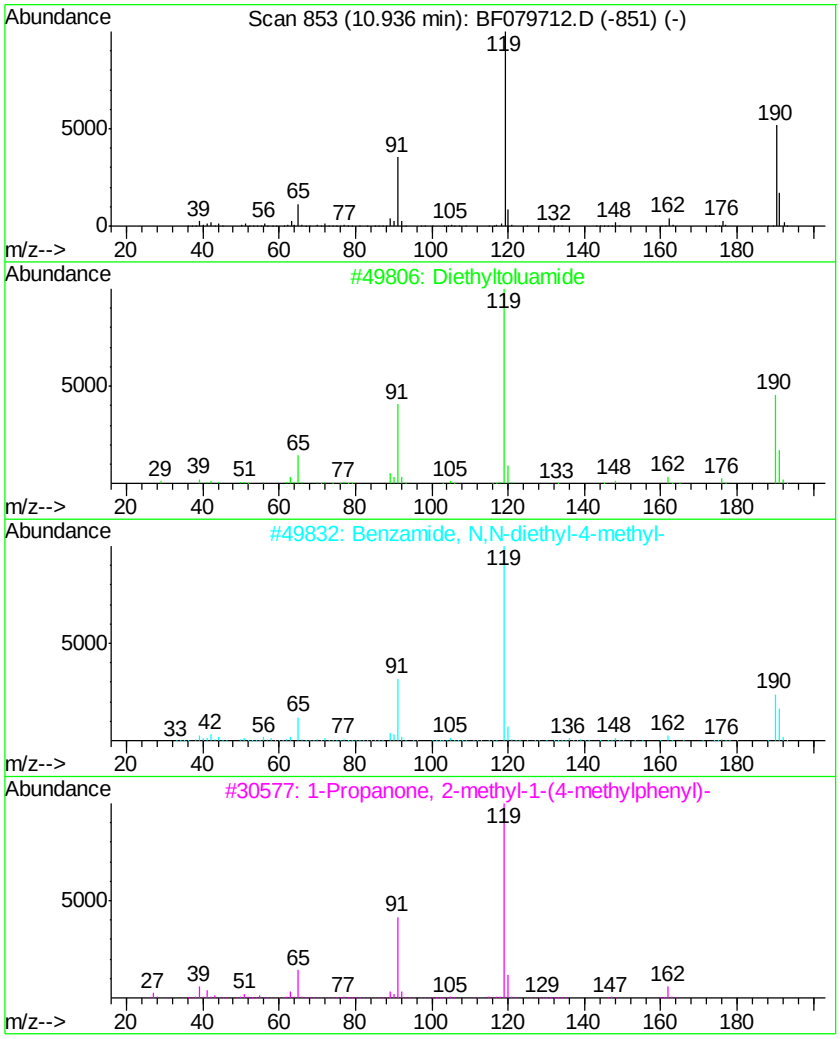
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

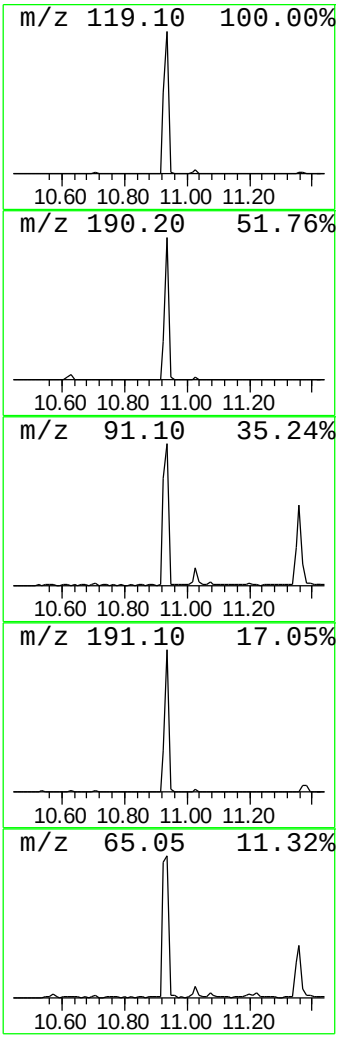
**********

Peak Number 13 Diethyltoluamide Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.94 | 32.44 ng | 1118340 | Acenaphthene-d10 | 10.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 94 |
| 2 | Benzamide, N,N-diethyl-4-methyl- | 191 | C12H17NO | 002728-05-4 | 87 |
| 3 | 1-Propanone, 2-methyl-1-(4-methy... | 162 | C11H14O | 050390-51-7 | 58 |
| 4 | Benzoxazol, 2,3-dihydro-2-thioxo... | 269 | C15H11NO2S | 037442-06-1 | 47 |
| 5 | Pyridine, 5-ethenyl-2-methyl- | 119 | C8H9N | 000140-76-1 | 47 |



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Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

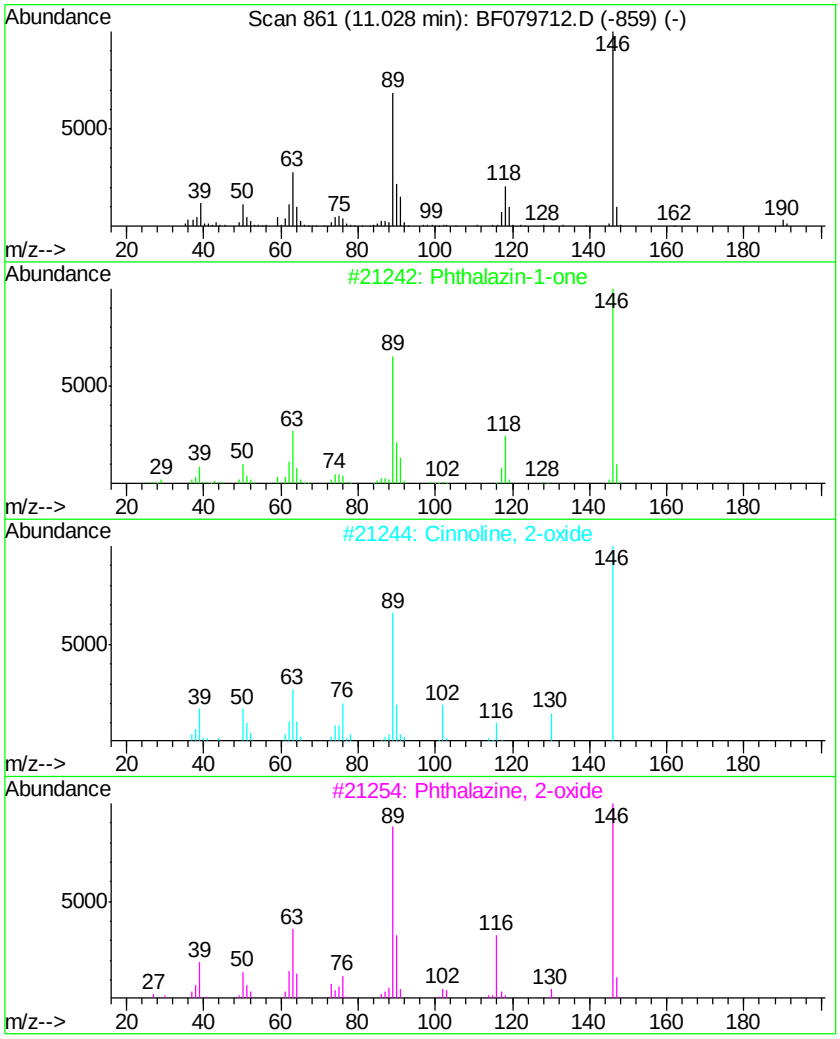
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

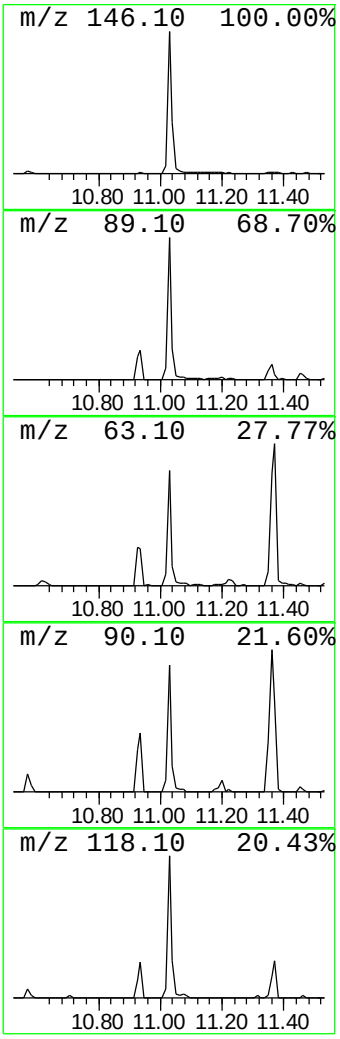
**********

Peak Number 14 Phthalazin-1-one Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.03 | 11.59 ng | 399533 | Acenaphthene-d10 | 10.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalazin-1-one | 146 | C8H6N2O | 000119-39-1 | 98 |
| 2 | Cinnoline, 2-oxide | 146 | C8H6N2O | 004215-44-5 | 72 |
| 3 | Phthalazine, 2-oxide | 146 | C8H6N2O | 018636-89-0 | 72 |
| 4 | 4H-1-Benzopyran-4-one | 146 | C9H6O2 | 000491-38-3 | 58 |
| 5 | 2H-1-Benzopyran-2-one | 146 | C9H6O2 | 000091-64-5 | 58 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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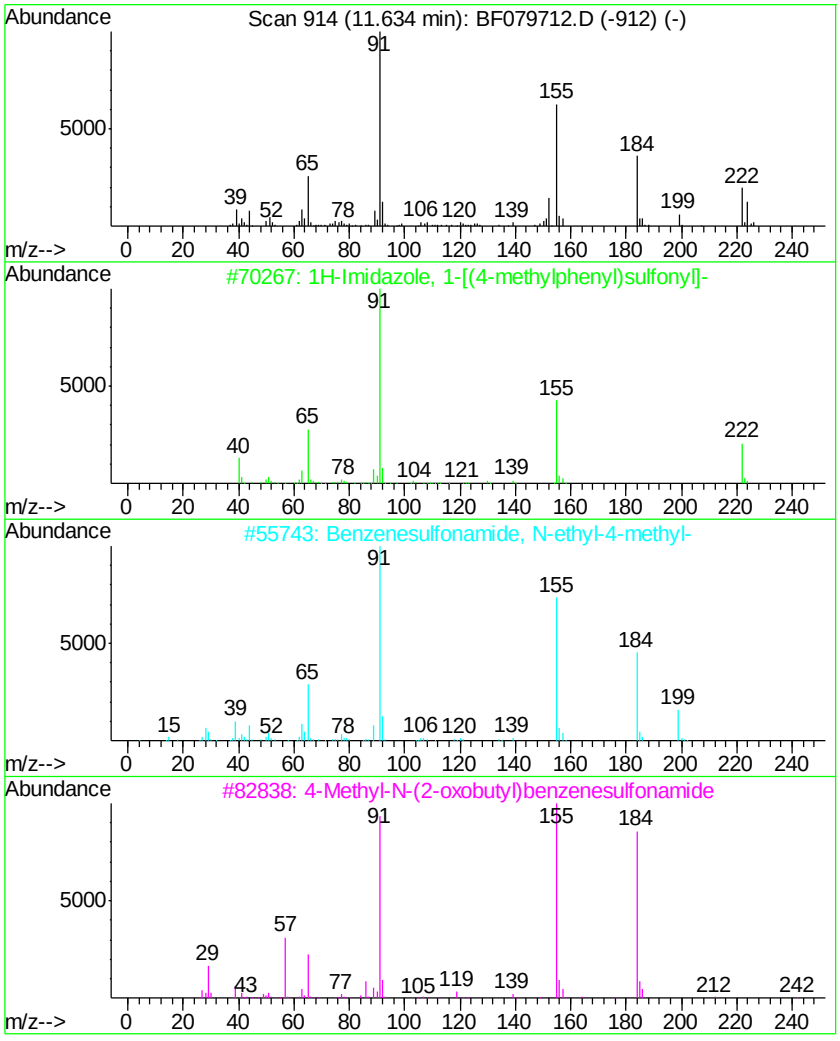
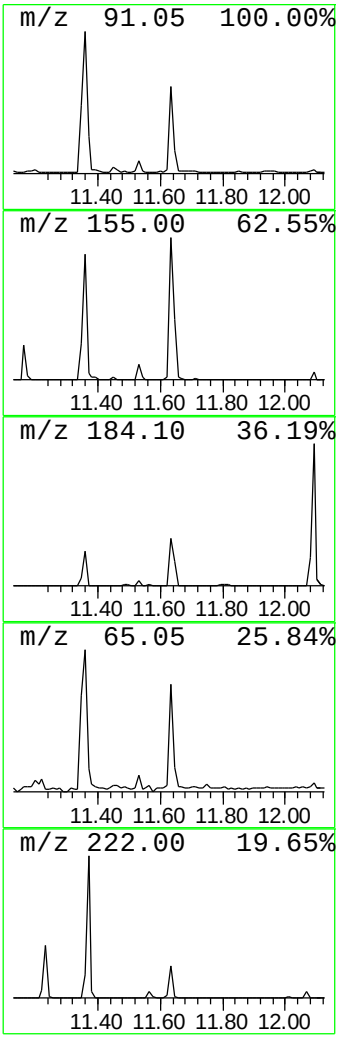
Peak Number 15 1H-Imidazole, 1-[(4-methylp... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.63 | 4.79 ng | 185518 | Phenanthrene-d10 | 12.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Imidazole, 1-[(4-methylphenyl... | 222 | C10H10N2O2S | 002232-08-8 | 91 |
| 2 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 62 |
| 3 | 4-Methyl-N-(2-oxobutyl)benzenesu... | 241 | C11H15NO3S | 1000192-14-5 | 58 |
| 4 | 4-Toluenesulfonylmethylisocyanide | 195 | C9H9NO2S | 036635-61-7 | 49 |
| 5 | Benzene, 1-[(chloromethyl)sulfon... | 204 | C8H9ClO2S | 007569-26-8 | 47 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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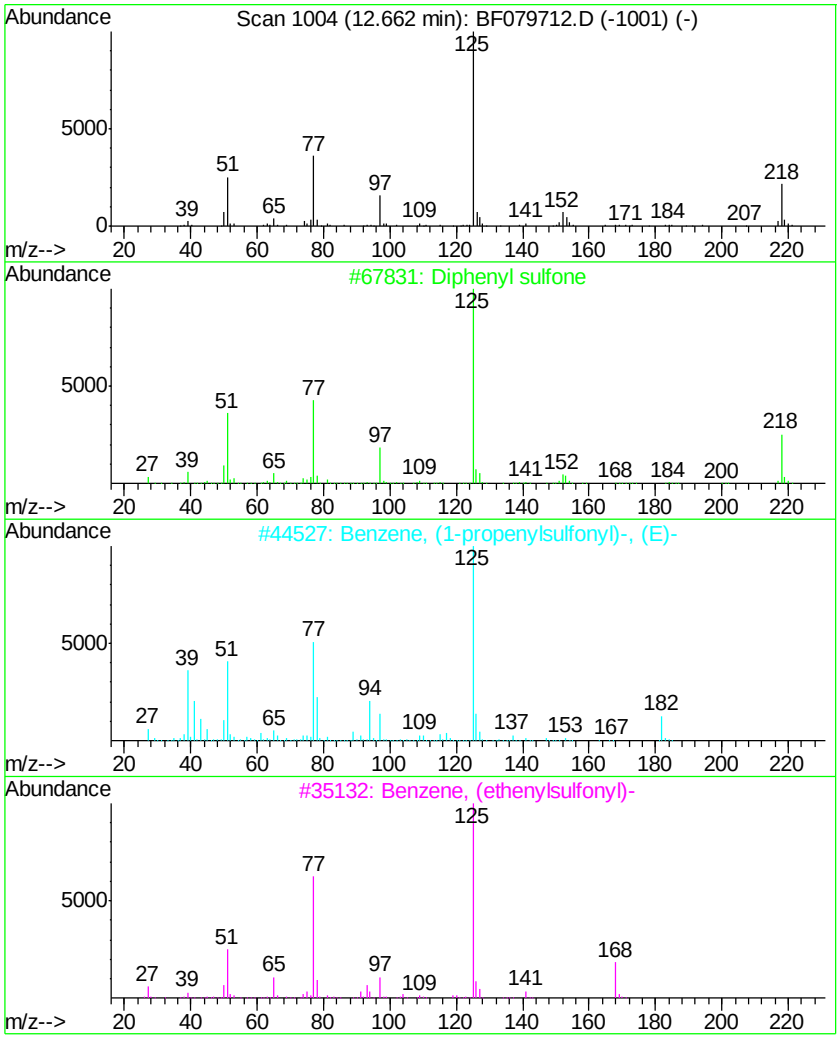
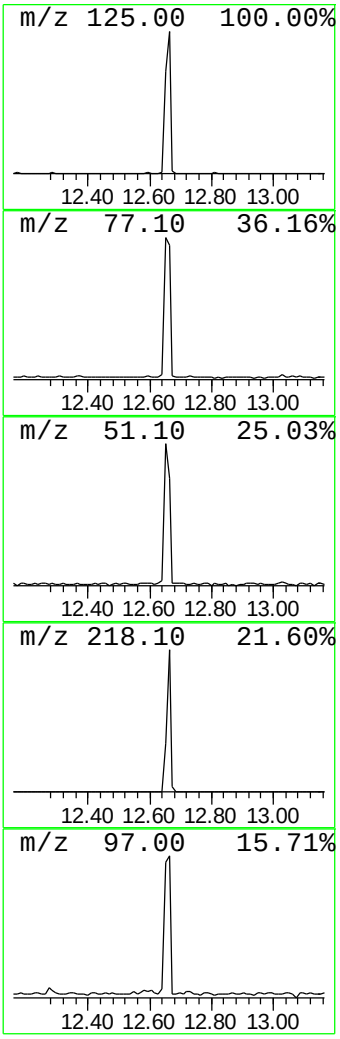
Peak Number 16 Diphenyl sulfone Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.66 | 9.83 ng | 380670 | Phenanthrene-d10 | 12.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diphenyl sulfone | 218 | C12H10O2S | 000127-63-9 | 96 |
| 2 | Benzene, (1-propenylsulfonyl)-, ... | 182 | C9H10O2S | 028691-72-7 | 50 |
| 3 | Benzene, (ethenylsulfonyl)- | 168 | C8H8O2S | 005535-48-8 | 42 |
| 4 | Benzene, 1,1'-[1,2-ethenediylbis... | 308 | C14H12O4S2 | 000963-15-5 | 37 |
| 5 | Benzenethiol, 2-amino- | 125 | C6H7NS | 000137-07-5 | 37 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

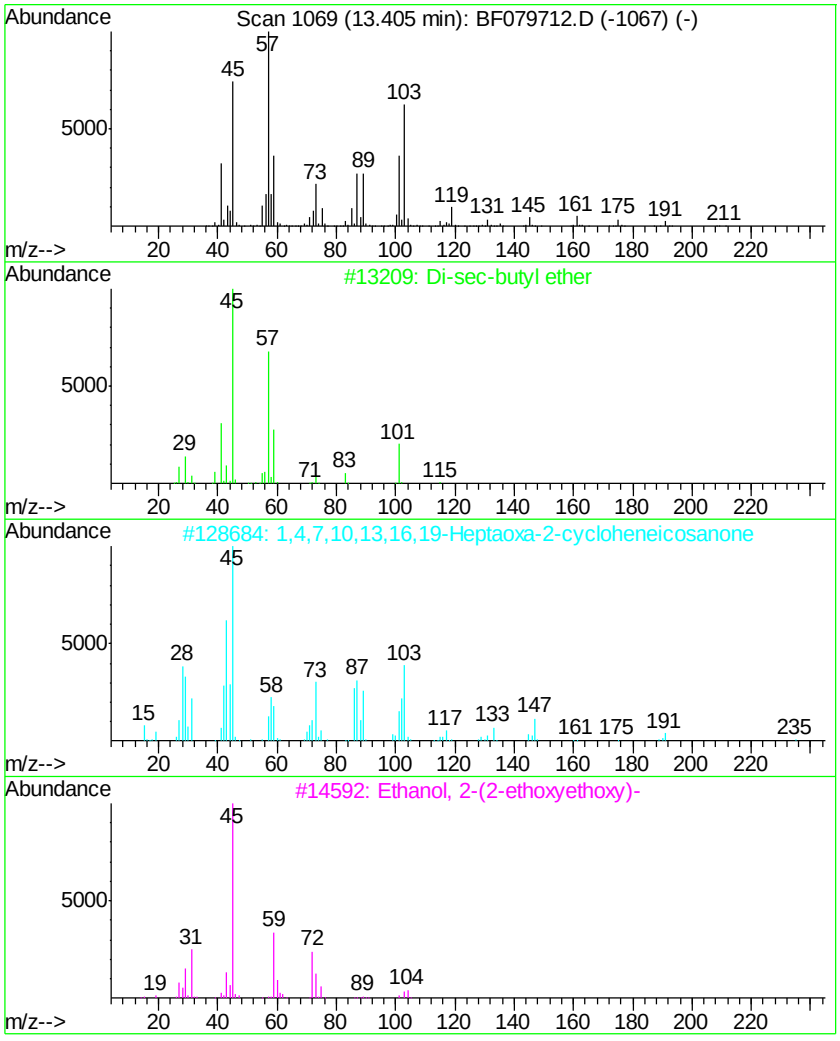
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

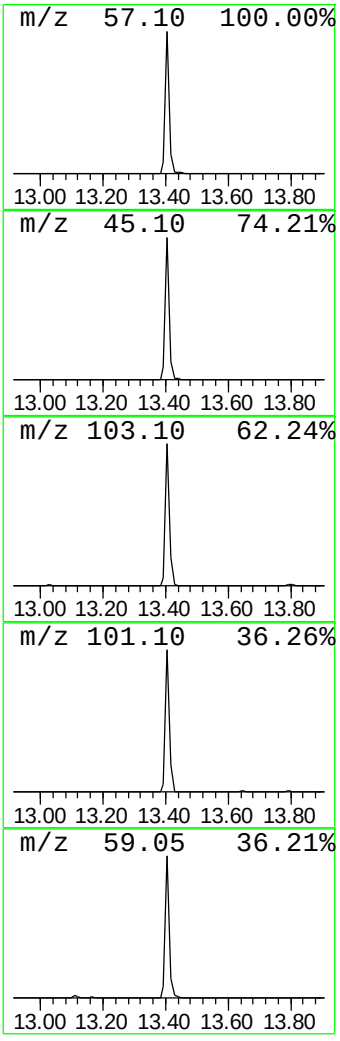
**********

Peak Number 17 unknown13.41 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.41 | 48.94 ng | 1894890 | Phenanthrene-d10 | 12.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Di-sec-butyl ether | 130 | C8H18O | 006863-58-7 | 43 |
| 2 | 1,4,7,10,13,16,19-Heptaoxa-2-cyc... | 322 | C14H26O8 | 083410-52-0 | 40 |
| 3 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 38 |
| 4 | 1-tert-Butoxy-2-ethoxyethane | 146 | C8H18O2 | 051422-54-9 | 38 |
| 5 | Orthoformic acid, tri-sec-butyl ... | 232 | C13H28O3 | 016754-48-6 | 38 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

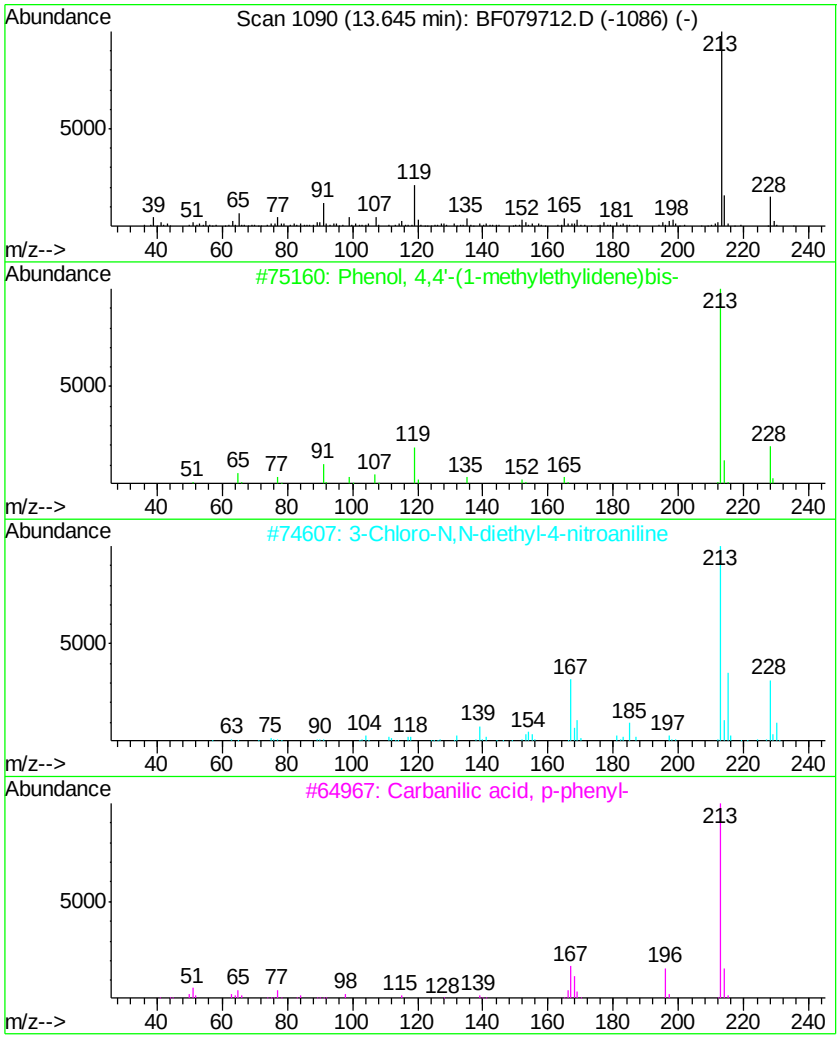
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

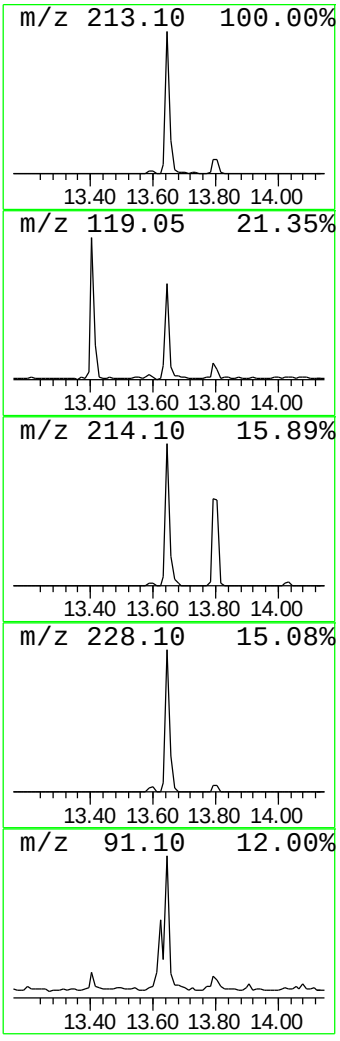
**********

Peak Number 18 Phenol, 4,4'-(1-methylethyl... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.65 | 8.30 ng | 364732 | Chrysene-d12 | 15.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 97 |
| 2 | 3-Chloro-N,N-diethyl-4-nitroaniline | 228 | C10H13ClN2O2 | 1000110-36-0 | 53 |
| 3 | Carbanilic acid, p-phenyl- | 213 | C13H11NO2 | 004474-53-7 | 52 |
| 4 | 2,4(1H,3H)-Pyrimidinedione, 1,3-... | 228 | C9H16N2O3Si | 089447-84-7 | 42 |
| 5 | 2H,8H-Benzo[1,2-b:3,4-b']dipyran... | 228 | C14H12O3 | 000523-59-1 | 42 |



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

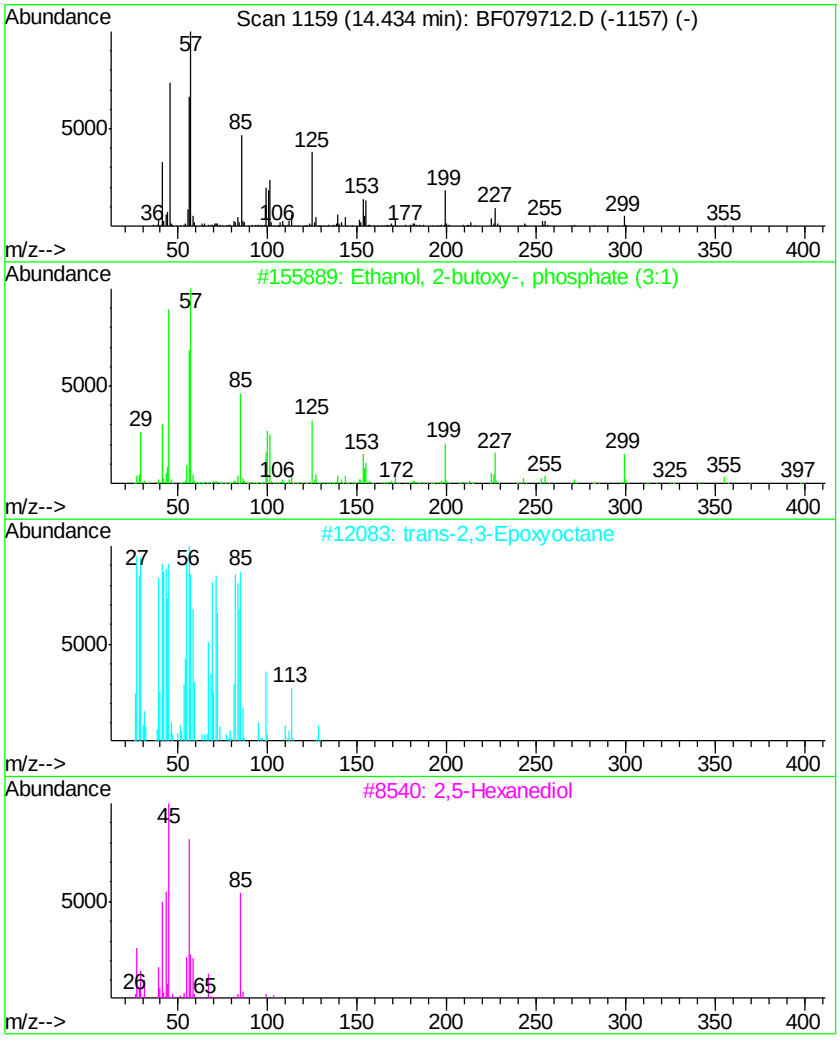
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

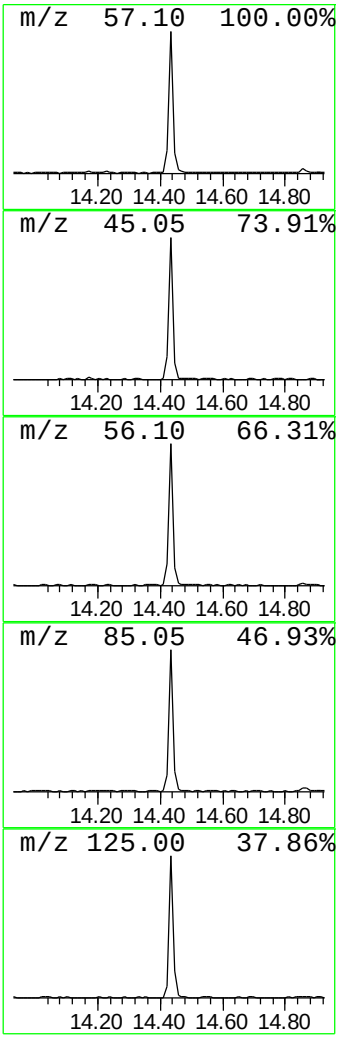
**********

Peak Number 19 Ethanol, 2-butoxy-, phospha... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.43 | 15.55 ng | 683601 | Chrysene-d12 | 15.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-butoxy-, phosphate (3:1) | 398 | C18H39O7P | 000078-51-3 | 72 |
| 2 | trans-2,3-Epoxyoctane | 128 | C8H16O | 028180-70-3 | 53 |
| 3 | 2,5-Hexanediol | 118 | C6H14O2 | 002935-44-6 | 47 |
| 4 | Di-sec-butyl ether | 130 | C8H18O | 006863-58-7 | 27 |
| 5 | Butane, 1,1'-[ethylidenebis(oxy)... | 174 | C10H22O2 | 000871-22-7 | 27 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079712.D
Acq On : 4 Jun 2015 20:04
Operator : TP/IZ
Sample : G2491-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SS043MW007-150601

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown1.37 | 1.37 | 431.5 | ng | 11671200 | 1 | 7.51 | 540952 | 20.0 |
| Ethene, 1,2-dichl... | 1.50 | 12.6 | ng | 340684 | 1 | 7.51 | 540952 | 20.0 |
| Butane, 2-methoxy... | 2.91 | 35.5 | ng | 961152 | 1 | 7.51 | 540952 | 20.0 |
| 1,3-Oxathiolane | 5.23 | 45.5 | ng | 1230120 | 1 | 7.51 | 540952 | 20.0 |
| unknown7.27 | 7.27 | 43.0 | ng | 1163020 | 1 | 7.51 | 540952 | 20.0 |
| Phenol, p-tert-bu... | 9.34 | 10.3 | ng | 305243 | 2 | 8.80 | 594942 | 20.0 |
| Cyclohexanamine, ... | 10.23 | 24.7 | ng | 852371 | 3 | 10.57 | 689459 | 20.0 |
| Diethyltoluamide | 10.94 | 32.4 | ng | 1118340 | 3 | 10.57 | 689459 | 20.0 |
| Phthalazin-1-one | 11.03 | 11.6 | ng | 399533 | 3 | 10.57 | 689459 | 20.0 |
| 1H-Imidazole, 1-[... | 11.63 | 4.8 | ng | 185518 | 4 | 12.09 | 774298 | 20.0 |
| Diphenyl sulfone | 12.66 | 9.8 | ng | 380670 | 4 | 12.09 | 774298 | 20.0 |
| unknown13.41 | 13.41 | 48.9 | ng | 1894890 | 4 | 12.09 | 774298 | 20.0 |
| Phenol, 4,4'-(1-m... | 13.65 | 8.3 | ng | 364732 | 5 | 15.10 | 879353 | 20.0 |
| Ethanol, 2-butoxy... | 14.43 | 15.6 | ng | 683601 | 5 | 15.10 | 879353 | 20.0 |