LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** FJ-BH-02-0-1

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_P\METHODS\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004001.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.928 | 3 | 7 | 27 | rVB | 4055447 | 5718481 | 100.00% | 15.144% |
| 2 | 3.081 | 28 | 33 | 44 | rVV | 110832 | 243171 | 4.25% | 0.644% |
| 3 | 3.175 | 44 | 49 | 64 | rVB | 296509 | 465063 | 8.13% | 1.232% |
| 4 | 5.811 | 490 | 497 | 510 | rBV | 2188362 | 3326457 | 58.17% | 8.809% |
| 5 | 7.463 | 770 | 778 | 789 | rBV | 2014184 | 3369461 | 58.92% | 8.923% |
| 6 | 7.852 | 839 | 844 | 851 | rBV | 86562 | 130615 | 2.28% | 0.346% |
| 7 | 8.287 | 910 | 918 | 925 | rBV | 537217 | 885227 | 15.48% | 2.344% |
| 8 | 9.452 | 1107 | 1116 | 1127 | rBV | 1280579 | 2195547 | 38.39% | 5.814% |
| 9 | 11.116 | 1390 | 1399 | 1406 | rBV | 685255 | 1160896 | 20.30% | 3.074% |
| 10 | 13.528 | 1802 | 1809 | 1820 | rBV | 2997161 | 4482213 | 78.38% | 11.870% |
| 11 | 14.334 | 1940 | 1946 | 1952 | rBV | 453035 | 656610 | 11.48% | 1.739% |
| 12 | 14.910 | 2038 | 2044 | 2053 | rVB | 954090 | 1426449 | 24.94% | 3.778% |
| 13 | 16.392 | 2290 | 2296 | 2311 | rBV | 2013648 | 2964281 | 51.84% | 7.850% |
| 14 | 17.151 | 2420 | 2425 | 2436 | rBV | 152810 | 266061 | 4.65% | 0.705% |
| 15 | 17.639 | 2503 | 2508 | 2514 | rBV | 1035298 | 1565896 | 27.38% | 4.147% |
| 16 | 18.481 | 2648 | 2651 | 2656 | rBV4 | 52587 | 96749 | 1.69% | 0.256% |
| 17 | 18.575 | 2664 | 2667 | 2673 | rBV | 84584 | 119832 | 2.10% | 0.317% |
| 18 | 19.228 | 2775 | 2778 | 2785 | rBV | 230886 | 311087 | 5.44% | 0.824% |
| 19 | 20.139 | 2928 | 2933 | 2938 | rBV | 4328682 | 5191271 | 90.78% | 13.748% |
| 20 | 21.327 | 3131 | 3135 | 3145 | rVB | 707675 | 1030214 | 18.02% | 2.728% |
| 21 | 21.680 | 3191 | 3195 | 3208 | rVB | 1267086 | 2155347 | 37.69% | 5.708% |

Sum of corrected areas: 37760928

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
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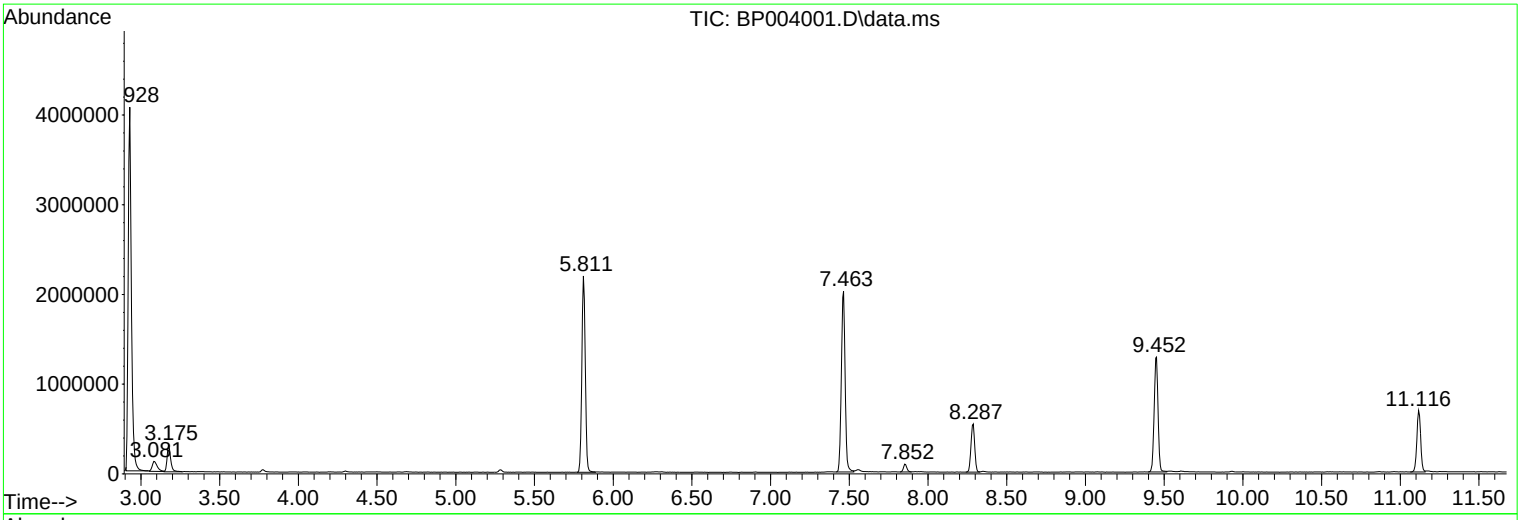
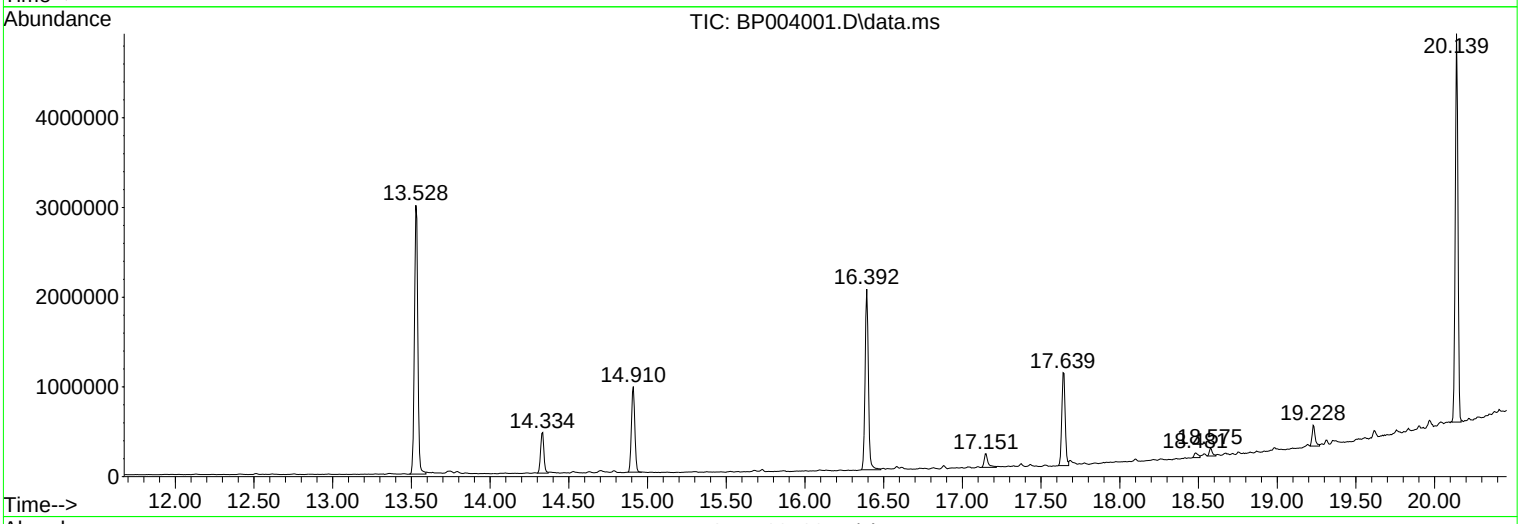
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

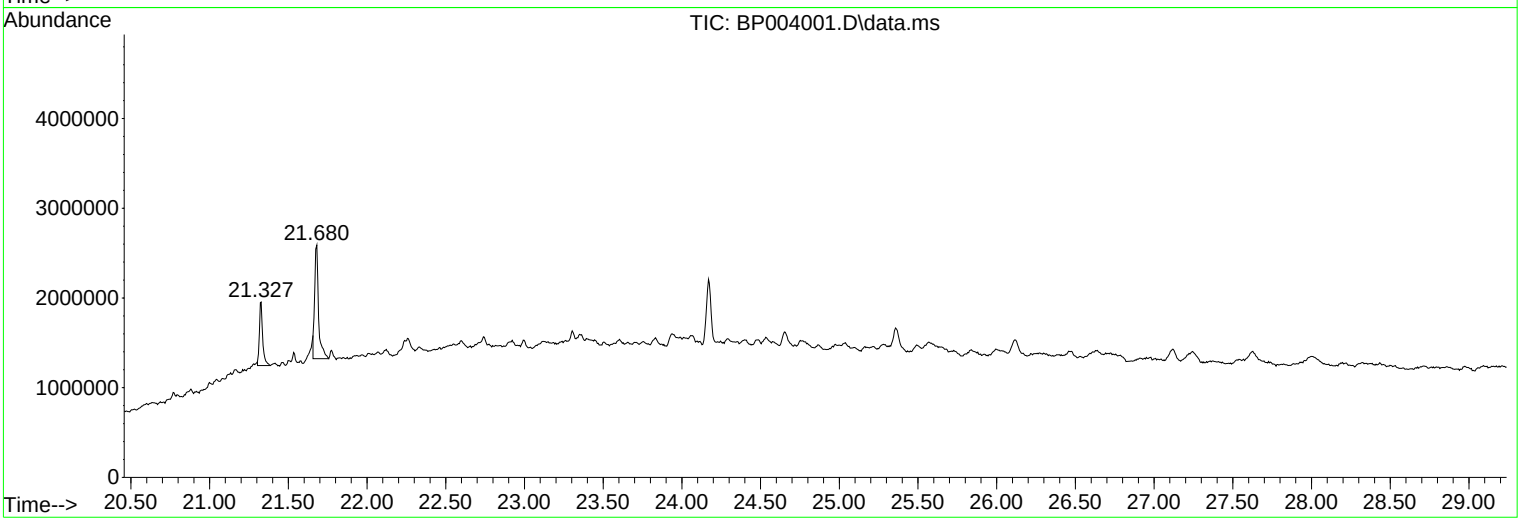
**Instrument :**
BNA_P
**ClientSampleId :**
FJ-BH-02-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
FJ-BH-02-0-1

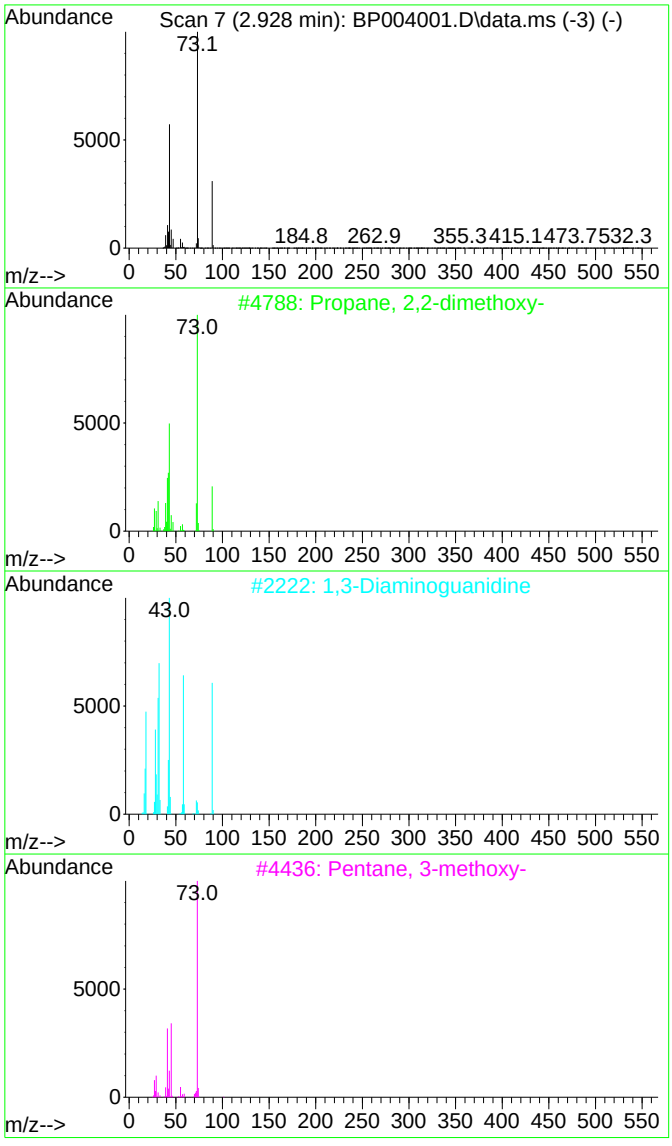
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

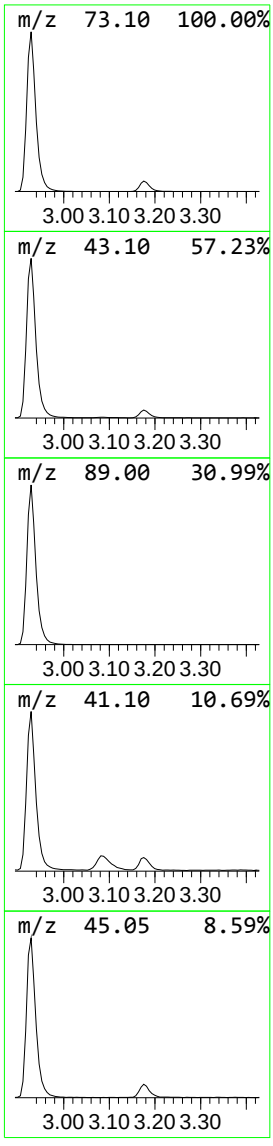
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.928 | 129.20 ng | 5718480 | 1,4-Dichlorobenzene-d4 | 8.287 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 2,2-dimethoxy- | 104 | C5H12O2 | 000077-76-9 | 72 |
| 2 | 1,3-Diaminoguanidine | 89 | CH7N5 | 004364-78-7 | 9 |
| 3 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 9 |
| 4 | Propane, 2-methoxy-2-methyl- | 88 | C5H12O | 001634-04-4 | 9 |
| 5 | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
FJ-BH-02-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

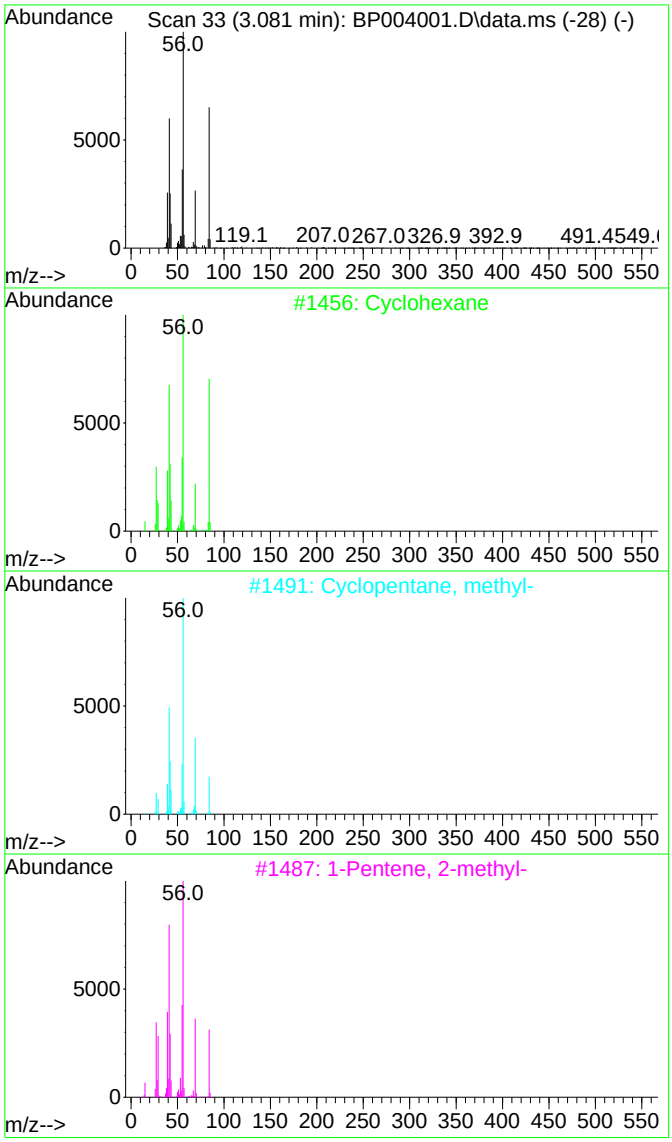
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

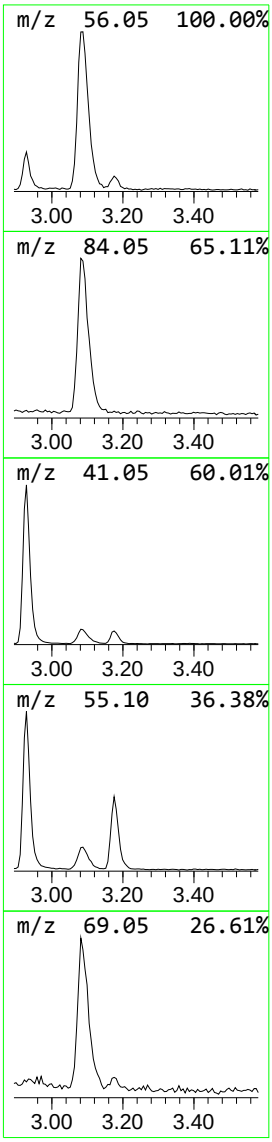
**********

Peak Number 2 Cyclohexane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.081 | 5.49 ng | 243171 | 1,4-Dichlorobenzene-d4 | 8.287 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 91 |
| 2 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 78 |
| 3 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 78 |
| 4 | Cyanic acid, 2-methylpropyl ester | 99 | C5H9NO | 001768-25-8 | 64 |
| 5 | Cyclobutane | 56 | C4H8 | 000287-23-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** FJ-BH-02-0-1

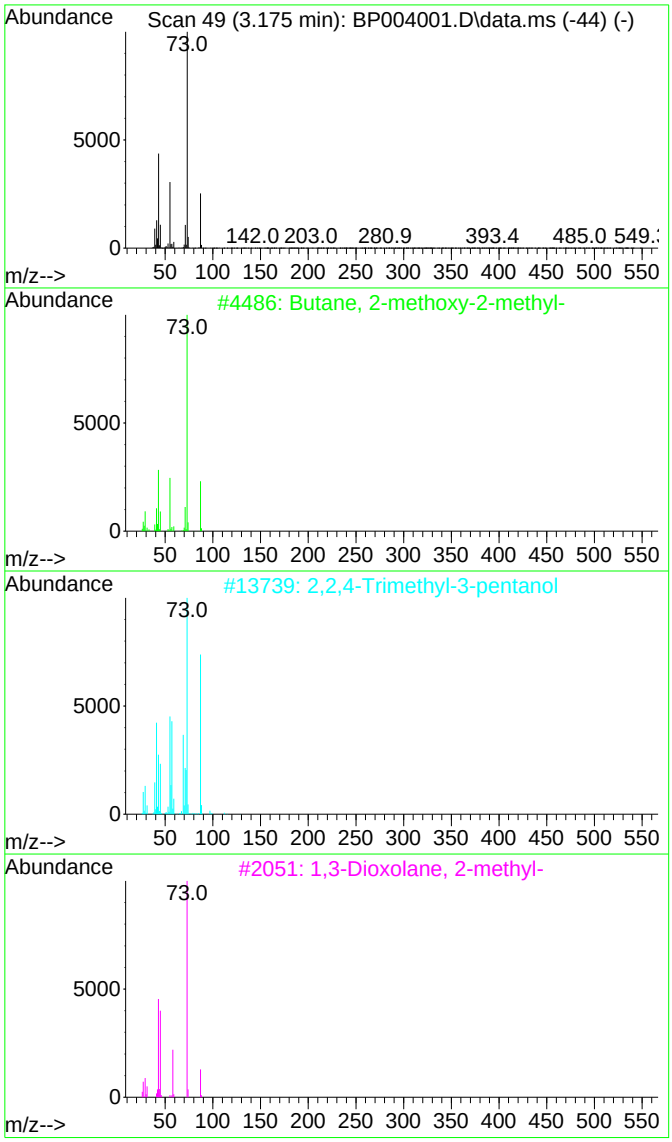
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

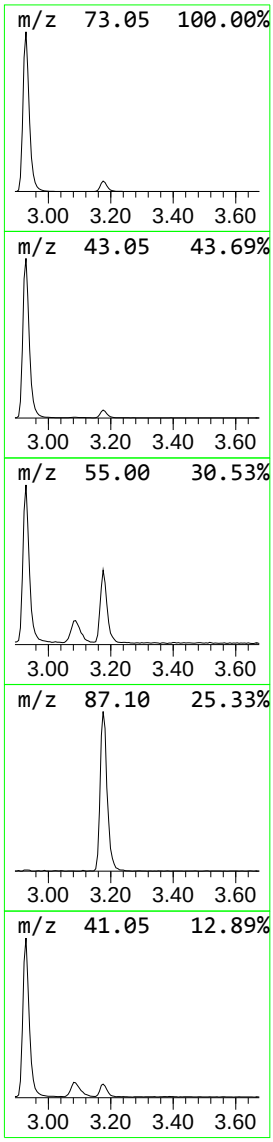
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.175 | 10.51 ng | 465063 | 1,4-Dichlorobenzene-d4 | 8.287 |

| 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 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
FJ-BH-02-0-1

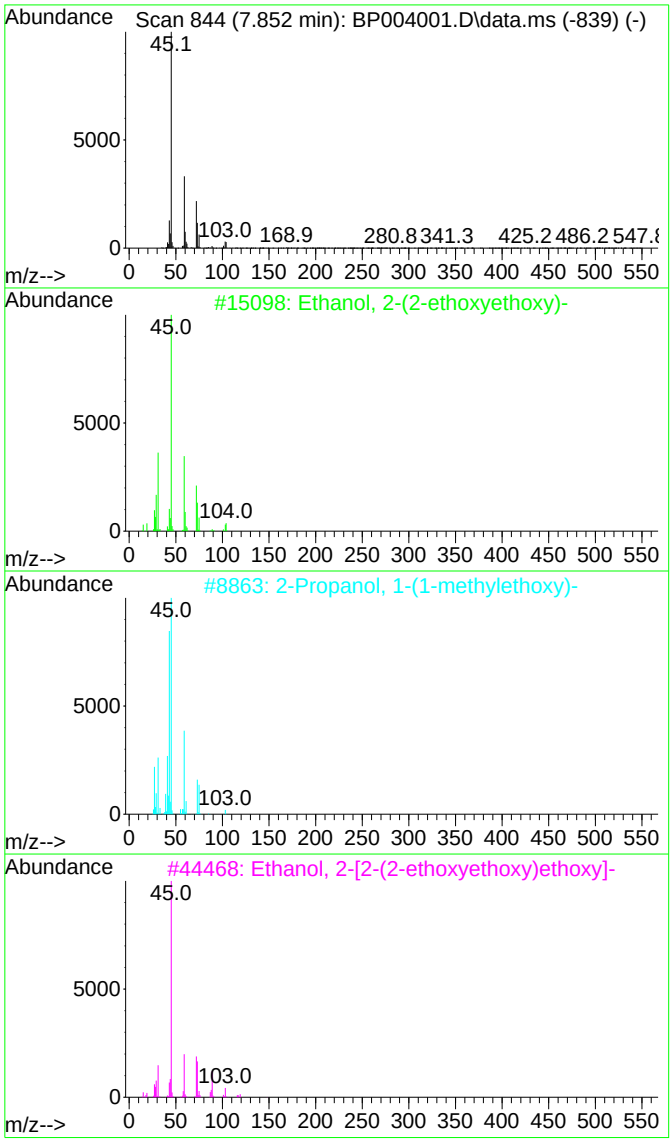
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

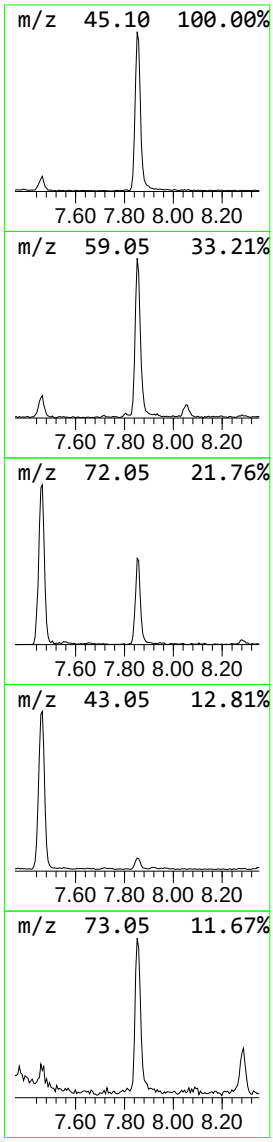
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.852 | 2.95 ng | 130615 | 1,4-Dichlorobenzene-d4 | 8.287 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 90 |
| 2 | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 45 |
| 3 | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4 | 000112-50-5 | 40 |
| 4 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 40 |
| 5 | L-Lactic acid | 90 | C3H6O3 | 000079-33-4 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** FJ-BH-02-0-1

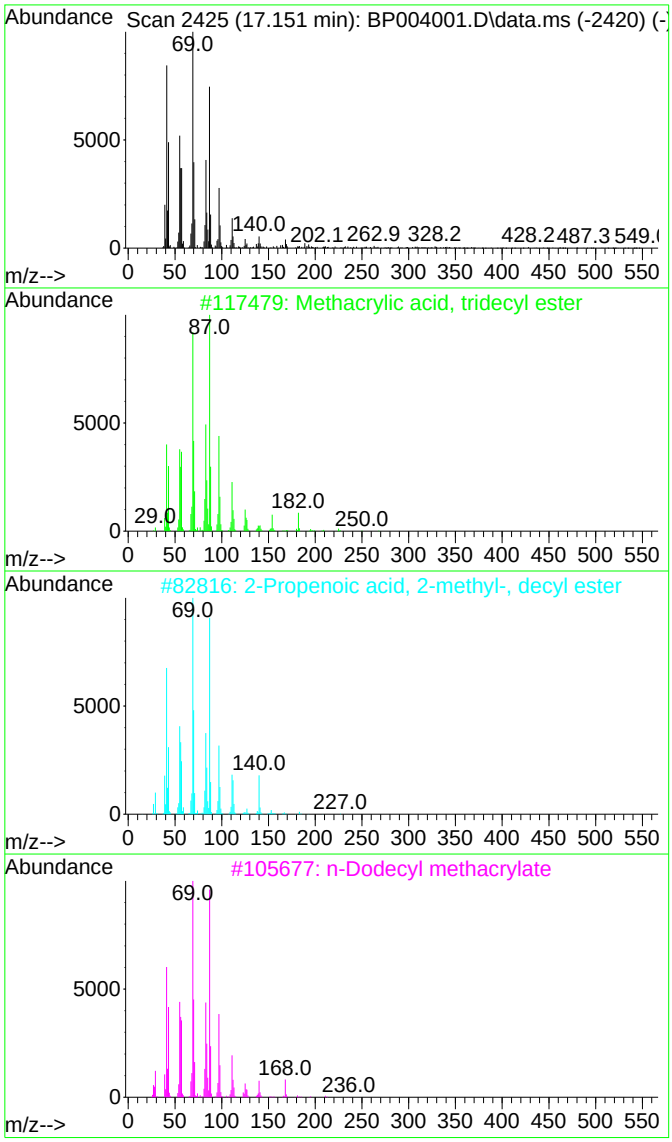
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

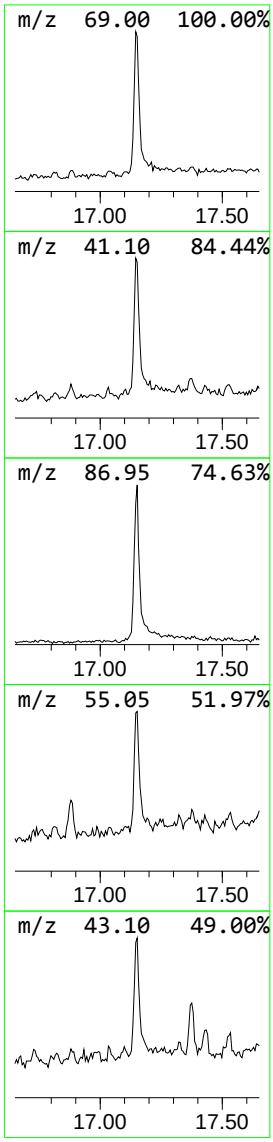
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Methacrylic acid, tridecyl ... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.151 | 3.40 ng | 266061 | Phenanthrene-d10 | 17.645 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrylic acid, tridecyl ester | 268 | C17H32O2 | 1000340-28-9 | 91 |
| 2 | 2-Propenoic acid, 2-methyl-, dec... | 226 | C14H26O2 | 003179-47-3 | 91 |
| 3 | n-Dodecyl methacrylate | 254 | C16H30O2 | 000142-90-5 | 87 |
| 4 | Cyclopropanecarboxylic acid, hep... | 324 | C21H40O2 | 1000282-78-5 | 55 |
| 5 | 1-Hexene, 3,3,5-trimethyl- | 126 | C9H18 | 013427-43-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** FJ-BH-02-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

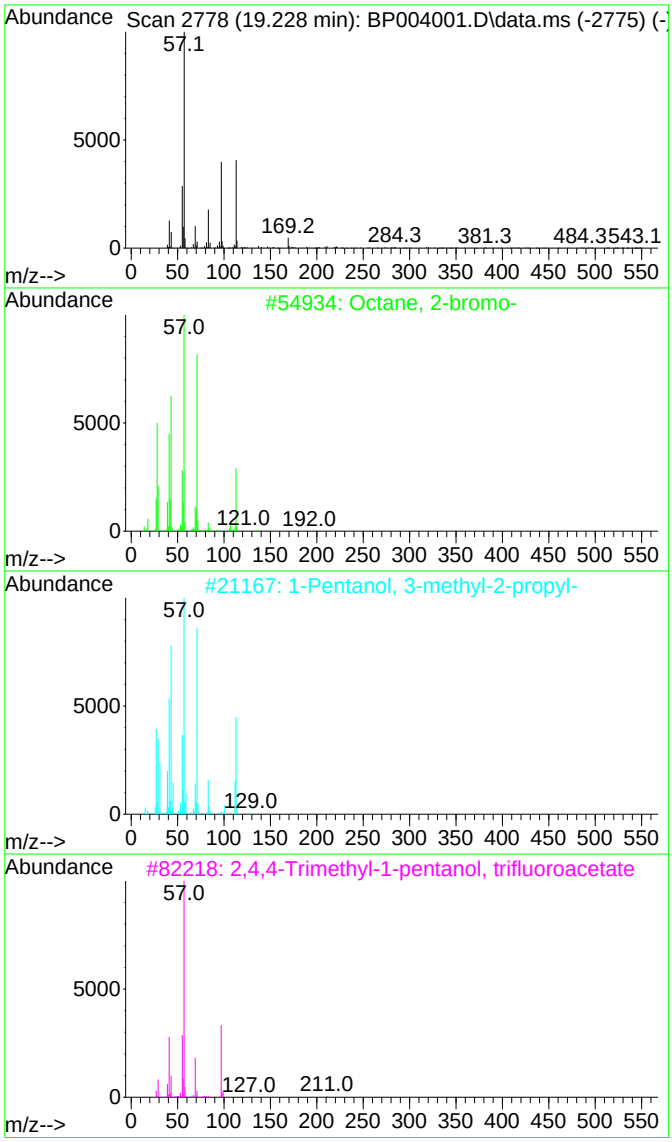
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

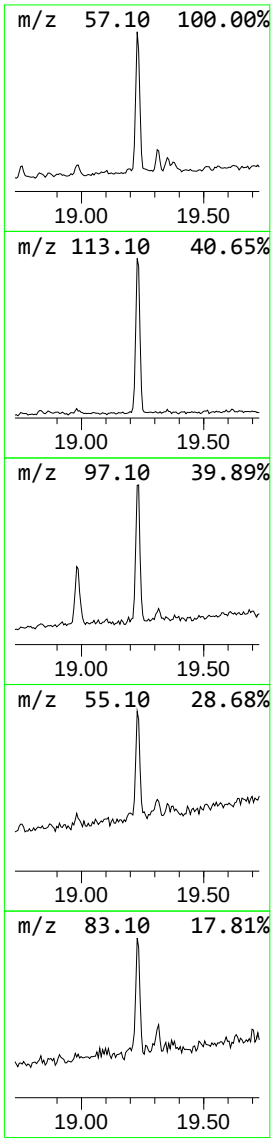
**********

Peak Number 6 unknown19.228 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.228 | 3.97 ng | 311087 | Phenanthrene-d10 | 17.645 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2-bromo- | 192 | C8H17Br | 000557-35-7 | 37 |
| 2 | 1-Pentanol, 3-methyl-2-propyl- | 144 | C9H20O | 054004-40-9 | 28 |
| 3 | 2,4,4-Trimethyl-1-pentanol, trif... | 226 | C10H17F3O2 | 1000365-19-5 | 27 |
| 4 | 2,4,4-Trimethyl-1-pentanol | 130 | C8H18O | 016325-63-6 | 23 |
| 5 | Formic acid, 2,4,4-trimethylpent... | 158 | C9H18O2 | 1000368-95-2 | 23 |



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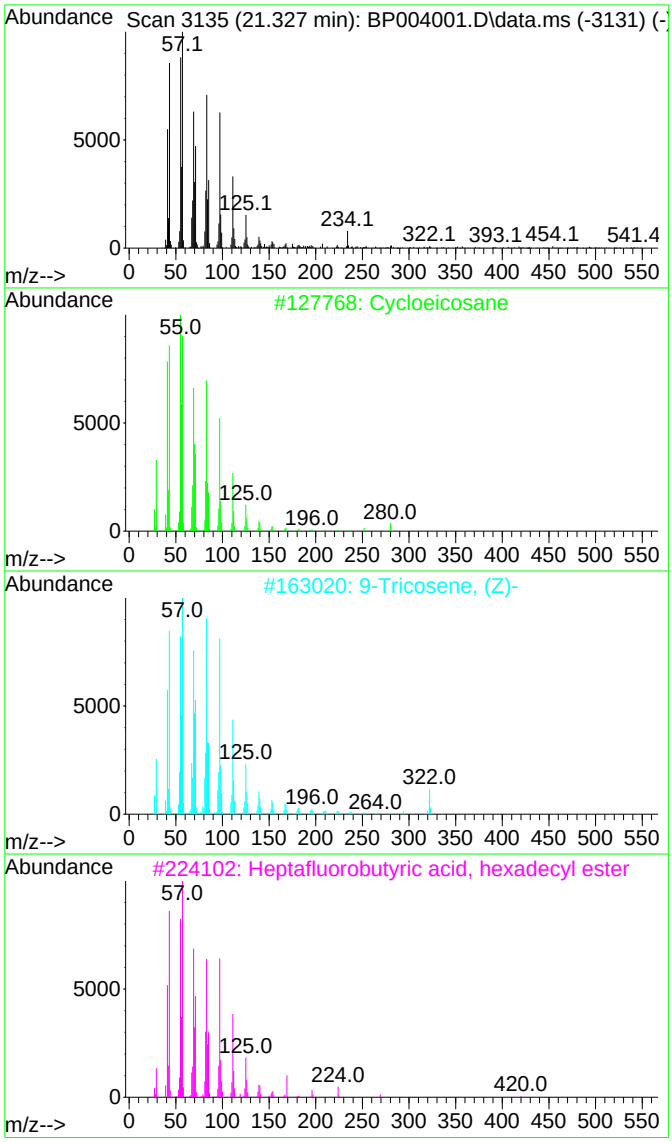
TIC Integration Parameters: LSCINT.P

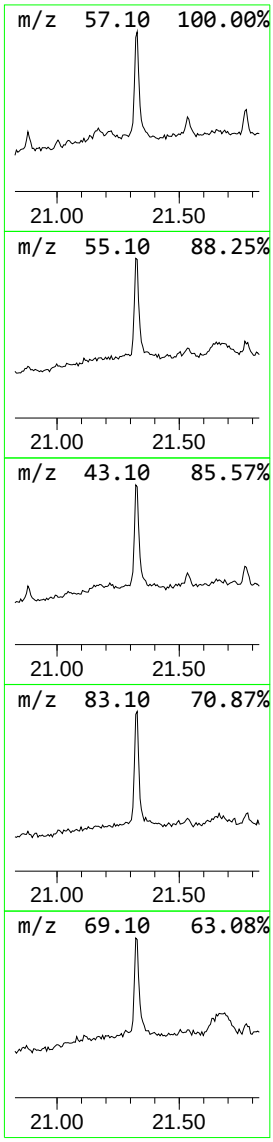
**********

Peak Number 7 Cycloeicosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.328 | 9.56 ng | 1030210 | Chrysene-d12 | 21.680 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 97 |
| 2 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 95 |
| 3 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 94 |
| 4 | 1-Triacontanol | 438 | C30H62O | 000593-50-0 | 94 |
| 5 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP004001.D
Acq On : 18 Nov 2020 19:24
Operator : CG/JU
Sample : L4770-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** FJ-BH-02-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Propane, 2,2-di... | 2.928 | 129.2 | ng | 5718480 | 1 | 8.287 | 885227 | 20.0 |
| Cyclohexane | 3.081 | 5.5 | ng | 243171 | 1 | 8.287 | 885227 | 20.0 |
| Butane, 2-metho... | 3.175 | 10.5 | ng | 465063 | 1 | 8.287 | 885227 | 20.0 |
| Ethanol, 2-(2-e... | 7.852 | 3.0 | ng | 130615 | 1 | 8.287 | 885227 | 20.0 |
| Methacrylic aci... | 17.151 | 3.4 | ng | 266061 | 4 | 17.645 | 1565900 | 20.0 |
| unknown19.228 | 19.228 | 4.0 | ng | 311087 | 4 | 17.645 | 1565900 | 20.0 |
| Cycloeicosane | 21.328 | 9.6 | ng | 1030210 | 5 | 21.680 | 2155350 | 20.0 |