LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

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\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009065.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.393 | 403 | 409 | 424 | rBV | 2309826 | 3875457 | 36.79% | 5.524% |
| 2 | 5.687 | 451 | 459 | 472 | rBV2 | 119331 | 288143 | 2.74% | 0.411% |
| 3 | 6.064 | 517 | 523 | 528 | rBV | 263062 | 444824 | 4.22% | 0.634% |
| 4 | 6.358 | 566 | 573 | 578 | rBV | 181784 | 352260 | 3.34% | 0.502% |
| 5 | 6.493 | 591 | 596 | 608 | rVB3 | 217403 | 484050 | 4.59% | 0.690% |
| 6 | 6.617 | 608 | 617 | 623 | rBV3 | 247219 | 482740 | 4.58% | 0.688% |
| 7 | 6.699 | 623 | 631 | 638 | rBV7 | 93815 | 297477 | 2.82% | 0.424% |
| 8 | 6.840 | 647 | 655 | 661 | rVB4 | 232094 | 548108 | 5.20% | 0.781% |
| 9 | 6.987 | 669 | 680 | 689 | rBV | 1580836 | 3141914 | 29.82% | 4.478% |
| 10 | 7.105 | 693 | 700 | 704 | rBV3 | 257244 | 576046 | 5.47% | 0.821% |
| 11 | 7.187 | 710 | 714 | 718 | rVB | 192314 | 274728 | 2.61% | 0.392% |
| 12 | 7.240 | 718 | 723 | 726 | rBV3 | 156961 | 303604 | 2.88% | 0.433% |
| 13 | 7.311 | 726 | 735 | 739 | rVB5 | 573859 | 1353368 | 12.85% | 1.929% |
| 14 | 7.393 | 739 | 749 | 756 | rVB4 | 627447 | 1660676 | 15.76% | 2.367% |
| 15 | 7.481 | 756 | 764 | 769 | rVB6 | 161814 | 358752 | 3.41% | 0.511% |
| 16 | 7.540 | 769 | 774 | 778 | rBV2 | 305481 | 560903 | 5.32% | 0.799% |
| 17 | 7.634 | 782 | 790 | 796 | rBV5 | 456920 | 1204705 | 11.44% | 1.717% |
| 18 | 7.728 | 800 | 806 | 812 | rBV2 | 1036830 | 2078305 | 19.73% | 2.962% |
| 19 | 7.805 | 813 | 819 | 827 | rBV2 | 919119 | 2362590 | 22.43% | 3.367% |
| 20 | 7.875 | 827 | 831 | 836 | rVB4 | 308782 | 444275 | 4.22% | 0.633% |
| 21 | 7.934 | 836 | 841 | 843 | rBV3 | 261958 | 446461 | 4.24% | 0.636% |
| 22 | 7.975 | 844 | 848 | 855 | rVB3 | 828806 | 1738719 | 16.50% | 2.478% |
| 23 | 8.040 | 855 | 859 | 862 | rBV3 | 402563 | 710169 | 6.74% | 1.012% |
| 24 | 8.087 | 862 | 867 | 870 | rBV4 | 584785 | 1114044 | 10.57% | 1.588% |
| 25 | 8.175 | 877 | 882 | 886 | rBV4 | 420594 | 756215 | 7.18% | 1.078% |
| 26 | 8.216 | 886 | 889 | 893 | rVB | 318091 | 432278 | 4.10% | 0.616% |
| 27 | 8.287 | 893 | 901 | 906 | rBV5 | 269108 | 669270 | 6.35% | 0.954% |
| 28 | 8.363 | 910 | 914 | 917 | rBV3 | 240885 | 332149 | 3.15% | 0.473% |
| 29 | 8.440 | 924 | 927 | 929 | rBV | 189088 | 267122 | 2.54% | 0.381% |
| 30 | 8.569 | 940 | 949 | 960 | rBV10 | 488376 | 2398940 | 22.77% | 3.419% |
| 31 | 8.681 | 962 | 968 | 973 | rBV2 | 688124 | 1605429 | 15.24% | 2.288% |
| 32 | 8.869 | 994 | 1000 | 1002 | rBV4 | 947603 | 1855740 | 17.62% | 2.645% |
| 33 | 8.969 | 1011 | 1017 | 1027 | rVB | 2599741 | 5042449 | 47.87% | 7.187% |
| 34 | 9.169 | 1045 | 1051 | 1057 | rVB5 | 1081387 | 2549540 | 24.20% | 3.634% |
| 35 | 9.281 | 1065 | 1070 | 1075 | rVB5 | 711117 | 1378115 | 13.08% | 1.964% |
| 36 | 9.340 | 1076 | 1080 | 1084 | rBV4 | 602120 | 1068989 | 10.15% | 1.524% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

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\8270E-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.475 | 1098 | 1103 | 1108 | rVB | 1575064 | 2747851 | 26.08% | 3.917% |
| 38 | 9.658 | 1129 | 1134 | 1135 | rBV2 | 1296141 | 1933521 | 18.35% | 2.756% |
| 39 | 9.787 | 1151 | 1156 | 1166 | rBV5 | 1071820 | 3486122 | 33.09% | 4.969% |
| 40 | 10.487 | 1271 | 1275 | 1280 | rBV | 1197536 | 2141143 | 20.32% | 3.052% |
| 41 | 11.116 | 1377 | 1382 | 1388 | rBV2 | 5018100 | 10534731 | 100.00% | 15.015% |
| 42 | 11.822 | 1498 | 1502 | 1510 | rVB | 3217220 | 5858773 | 55.61% | 8.351% |

Sum of corrected areas: 70160695

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
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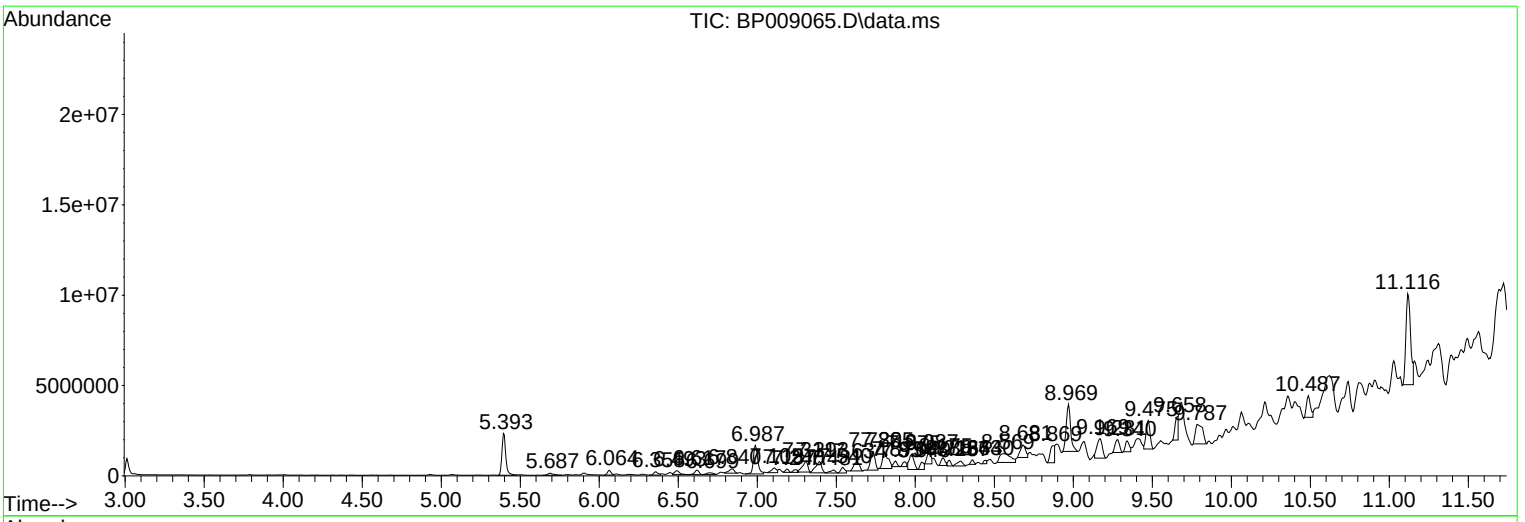
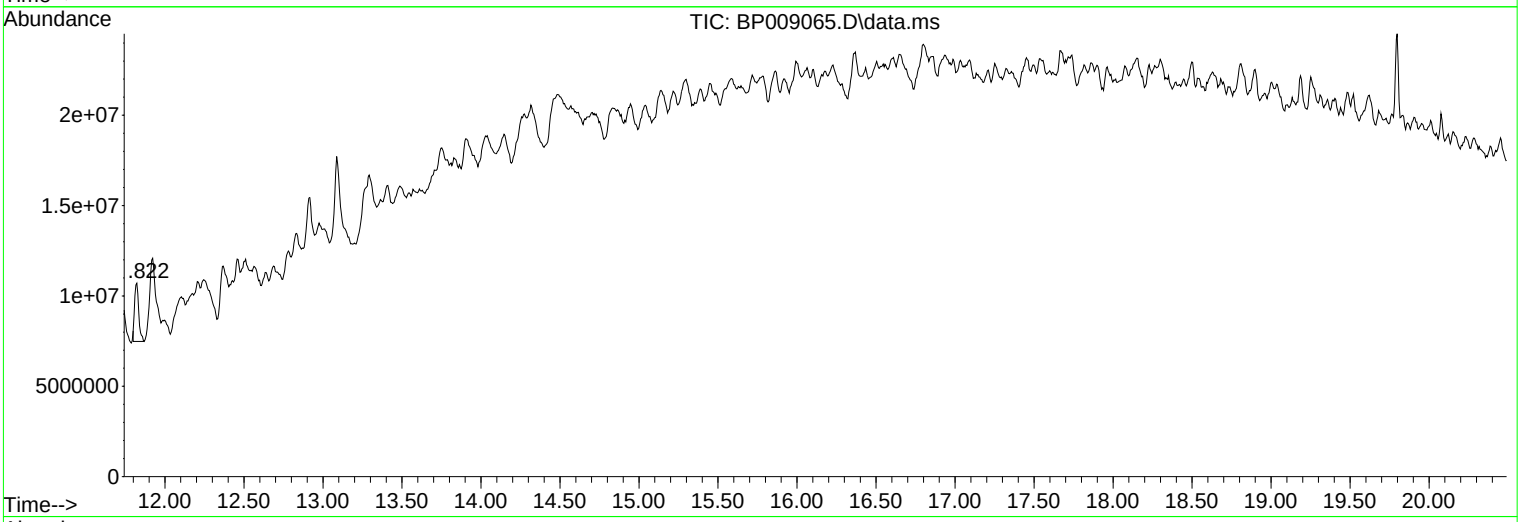
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

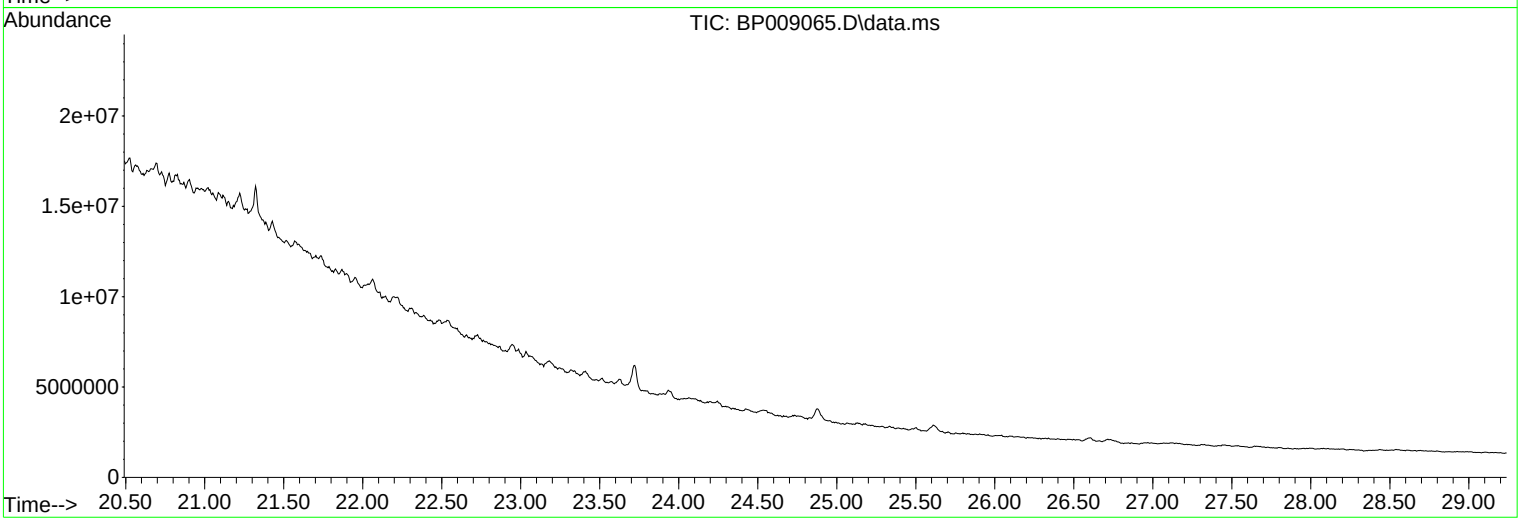
**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

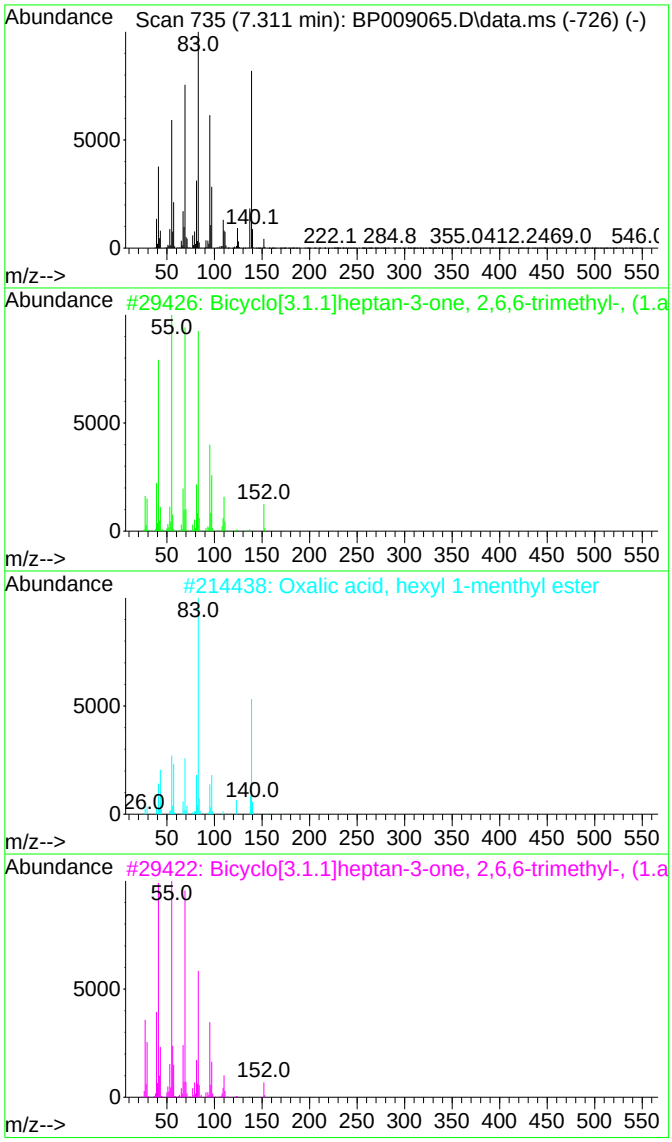
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

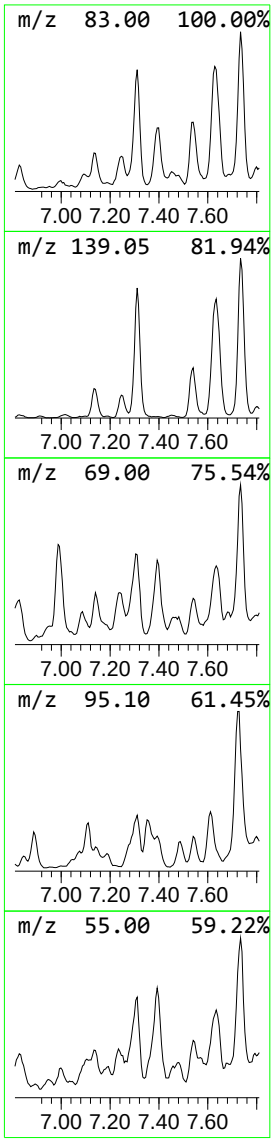
**********

Peak Number 1 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.311 | 11.46 ng | 1353370 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 000547-60-4 | 58 |
| 2 | Oxalic acid, hexyl 1-menthyl ester | 312 | C18H32O4 | 1000314-97-4 | 43 |
| 3 | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 015358-88-0 | 43 |
| 4 | Oxalic acid, heptadecyl 1-menthy... | 466 | C29H54O4 | 1000314-98-4 | 38 |
| 5 | Cyclohexanol, 5-methyl-2-(1-meth... | 358 | C20H38O3S | 026510-92-9 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

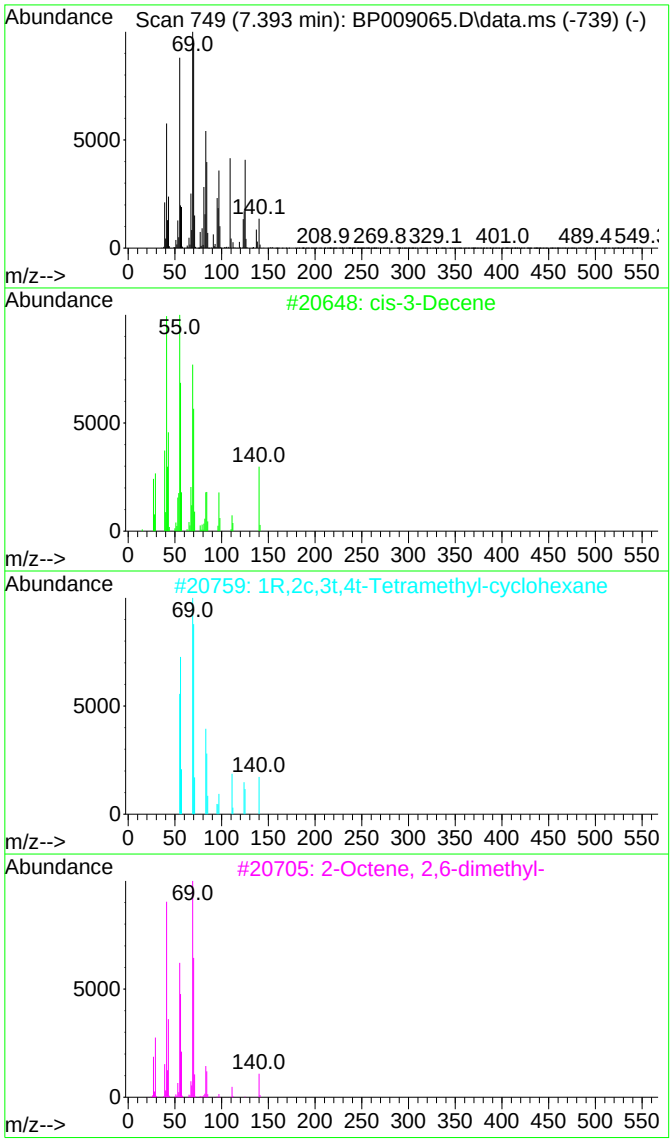
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

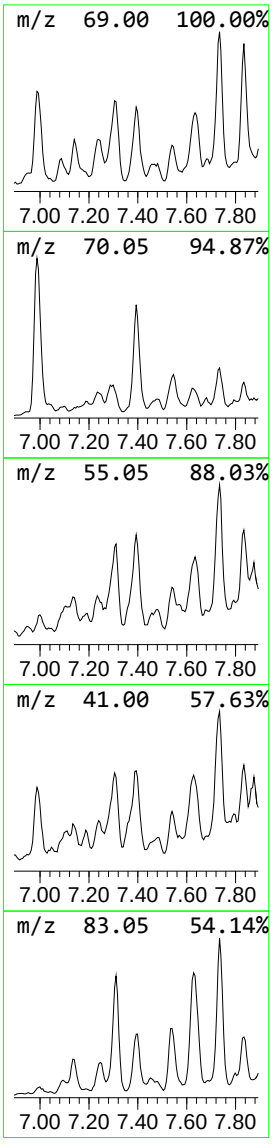
**********

Peak Number 2 cis-3-Decene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.393 | 14.06 ng | 1660680 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-3-Decene | 140 | C10H20 | 019398-86-8 | 53 |
| 2 | 1R,2c,3t,4t-Tetramethyl-cyclohexane | 140 | C10H20 | 1000144-07-3 | 47 |
| 3 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 43 |
| 4 | Cyclopentane, 1,1,3,4-tetramethy... | 126 | C9H18 | 053907-60-1 | 35 |
| 5 | Cyclopropane, 1,1,2-trimethyl-3-... | 140 | C10H20 | 041977-43-9 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

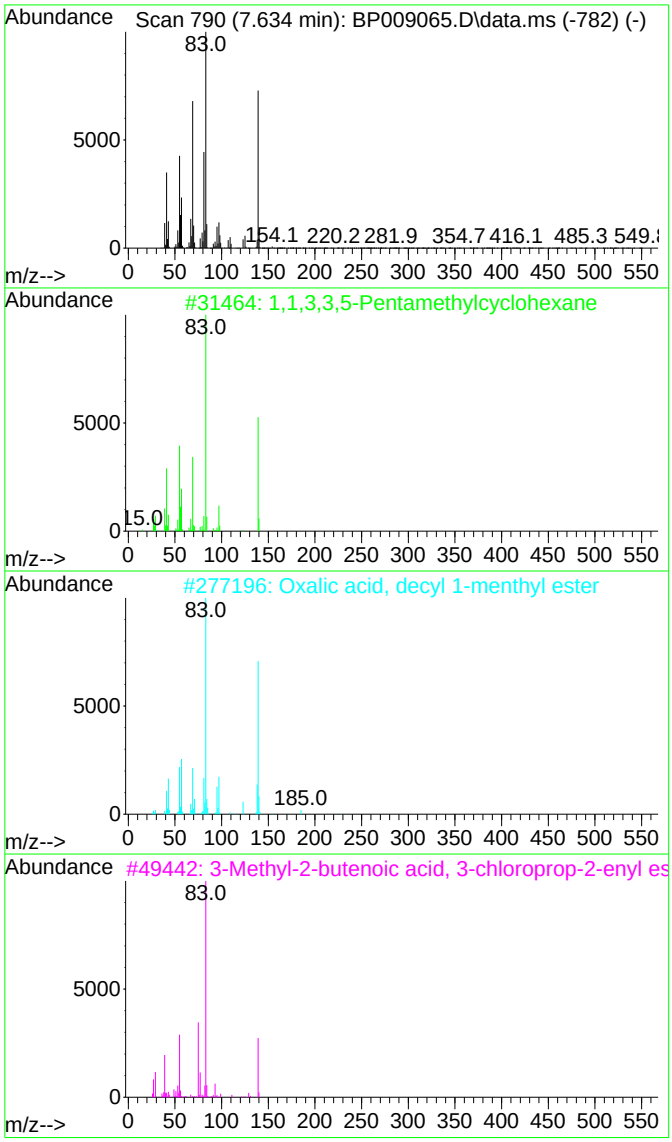
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

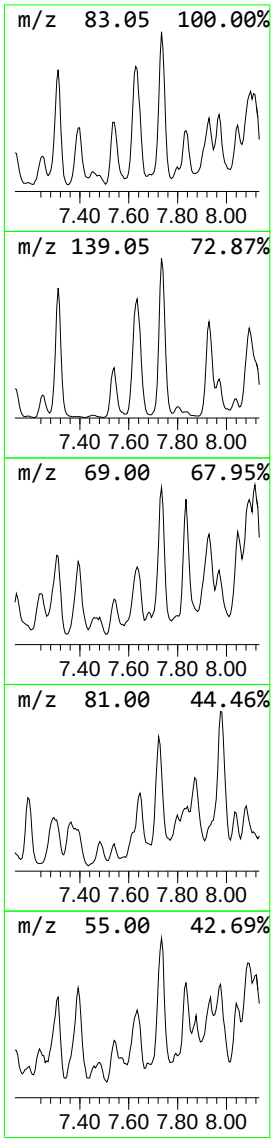
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1,1,3,3,5-Pentamethylcycloh... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.634 | 10.20 ng | 1204710 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1,3,3,5-Pentamethylcyclohexane | 154 | C11H22 | 070810-19-4 | 72 |
| 2 | Oxalic acid, decyl 1-menthyl ester | 368 | C22H40O4 | 1000314-97-8 | 72 |
| 3 | 3-Methyl-2-butenoic acid, 3-chlo... | 174 | C8H11ClO2 | 1000299-31-8 | 59 |
| 4 | Oxalic acid, dodecyl 1-menthyl e... | 396 | C24H44O4 | 1000314-98-0 | 50 |
| 5 | Cyclohexanol, 5-methyl-2-(1-meth... | 358 | C20H38O3S | 026510-92-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

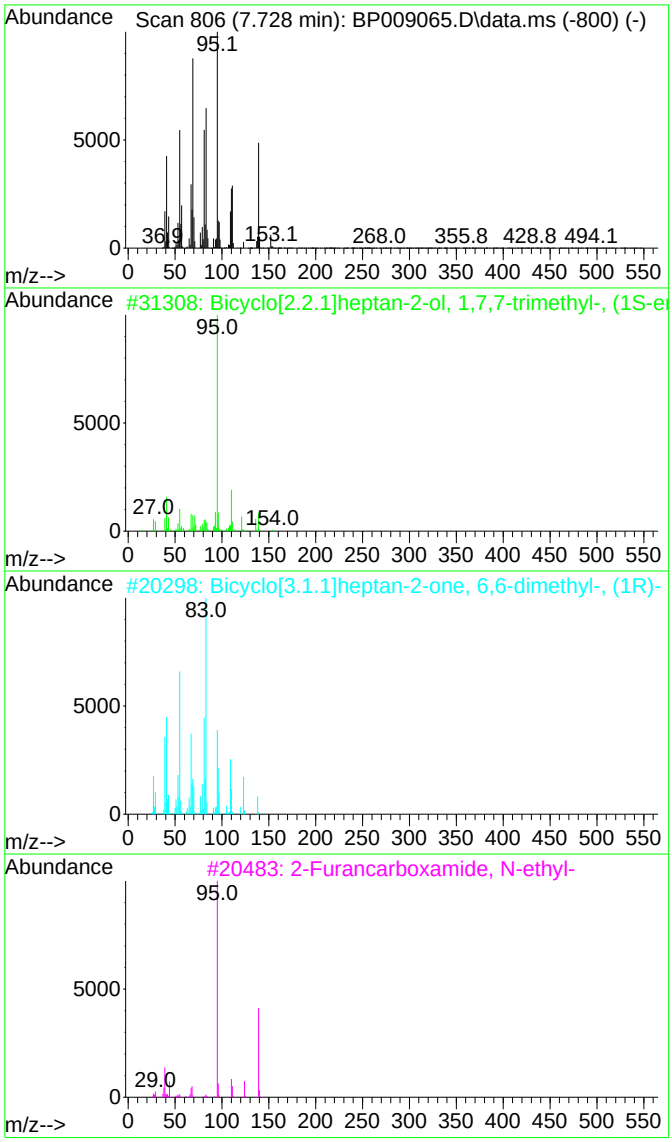
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

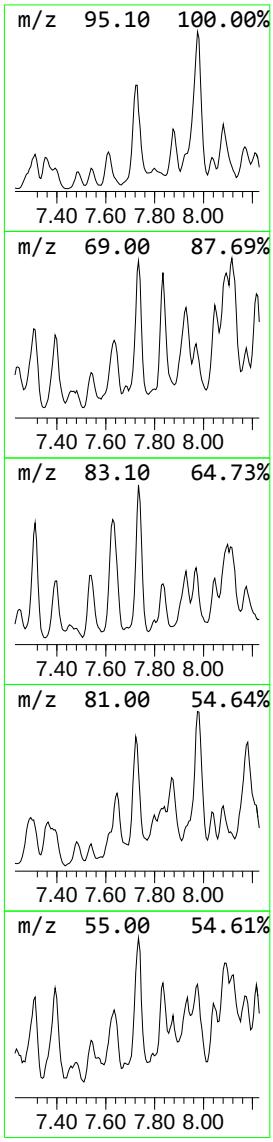
**********

Peak Number 4 unknown7.728 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.728 | 17.59 ng | 2078310 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[2.2.1]heptan-2-ol, 1,7,7... | 154 | C10H18O | 000464-45-9 | 38 |
| 2 | Bicyclo[3.1.1]heptan-2-one, 6,6-... | 138 | C9H14O | 038651-65-9 | 38 |
| 3 | 2-Furancarboxamide, N-ethyl- | 139 | C7H9NO2 | 1000407-23-8 | 35 |
| 4 | Cyclopentanecarboxylic acid, 3-m... | 278 | C18H30O2 | 1000152-25-8 | 27 |
| 5 | Cyclopentane, 1,2-dimethyl-3-met... | 110 | C8H14 | 1000150-99-3 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

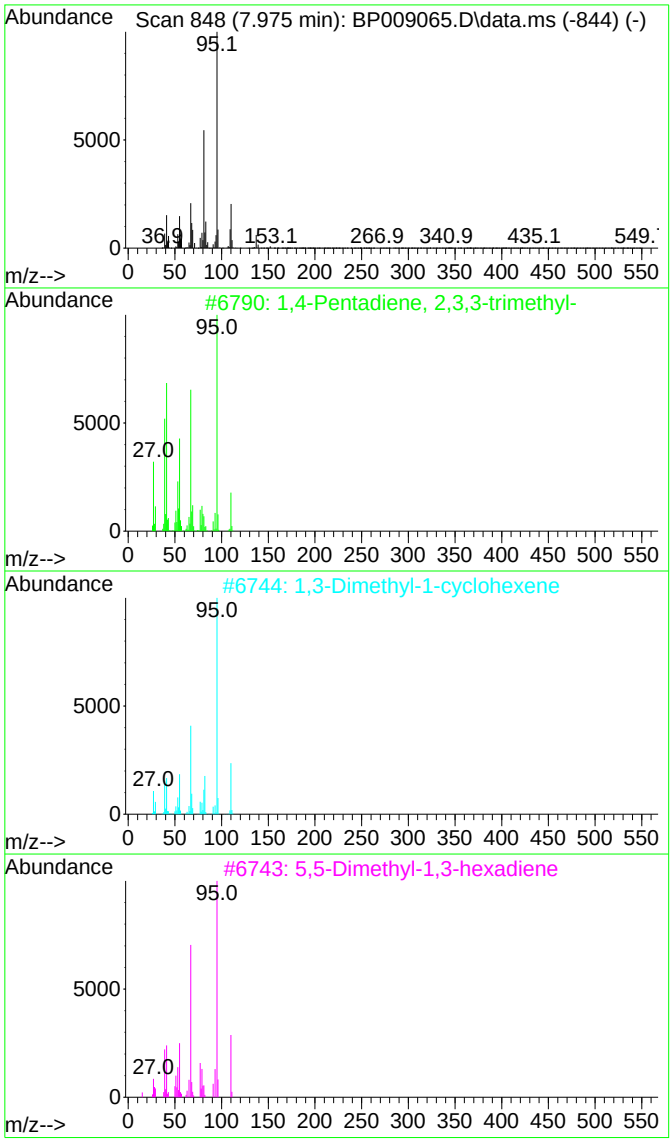
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

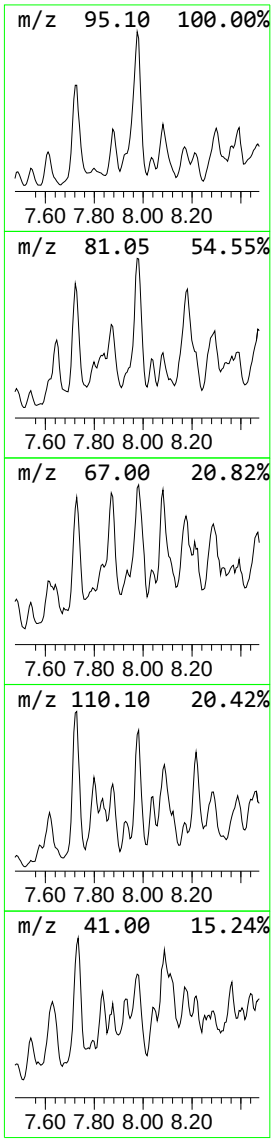
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.975 | 14.72 ng | 1738720 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Pentadiene, 2,3,3-trimethyl- | 110 | C8H14 | 000756-02-5 | 76 |
| 2 | 1,3-Dimethyl-1-cyclohexene | 110 | C8H14 | 002808-76-6 | 64 |
| 3 | 5,5-Dimethyl-1,3-hexadiene | 110 | C8H14 | 001515-79-3 | 59 |
| 4 | 1,4-Hexadiene, 2,3-dimethyl- | 110 | C8H14 | 018669-52-8 | 53 |
| 5 | Bicyclo[3.1.0]hexane, 1,5-dimethyl- | 110 | C8H14 | 1010142-17-5 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

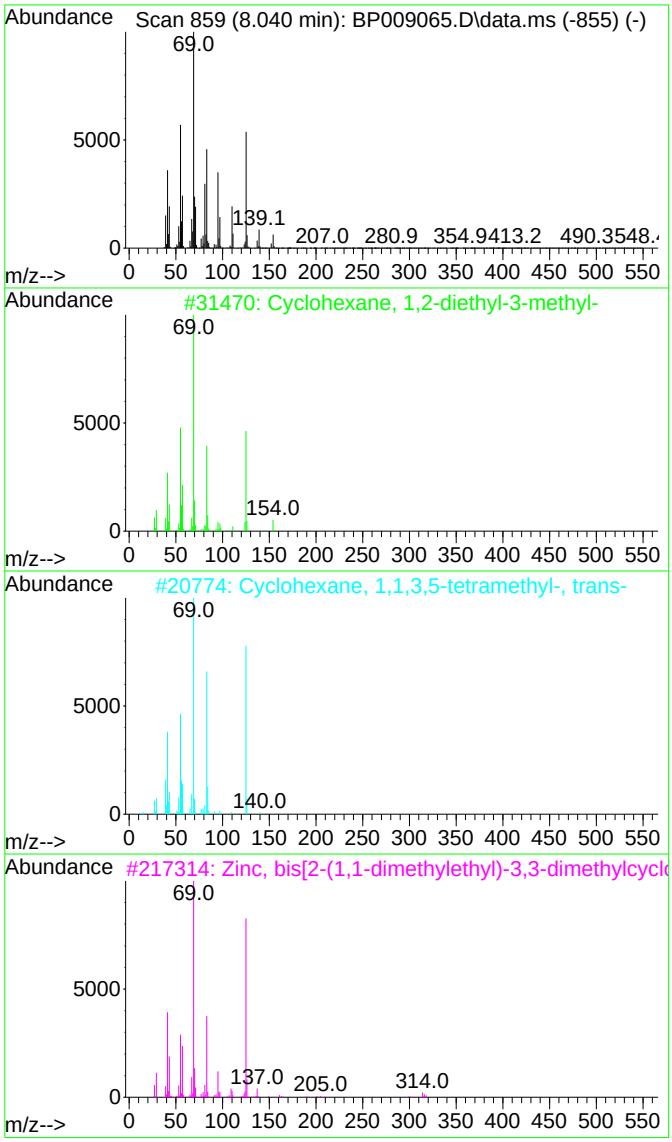
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

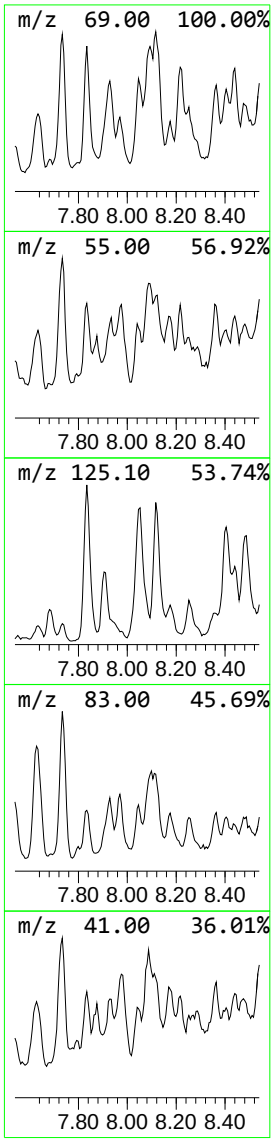
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.040 | 6.01 ng | 710169 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-diethyl-3-methyl- | 154 | C11H22 | 061141-80-8 | 58 |
| 2 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-31-8 | 58 |
| 3 | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 | C18H34Zn | 074793-36-5 | 53 |
| 4 | Cyclohexane, 2,4-diethyl-1-methyl- | 154 | C11H22 | 061142-70-9 | 53 |
| 5 | (1,2,4-Trimethylcyclohexyl)metha... | 198 | C12H22O2 | 1000499-04-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

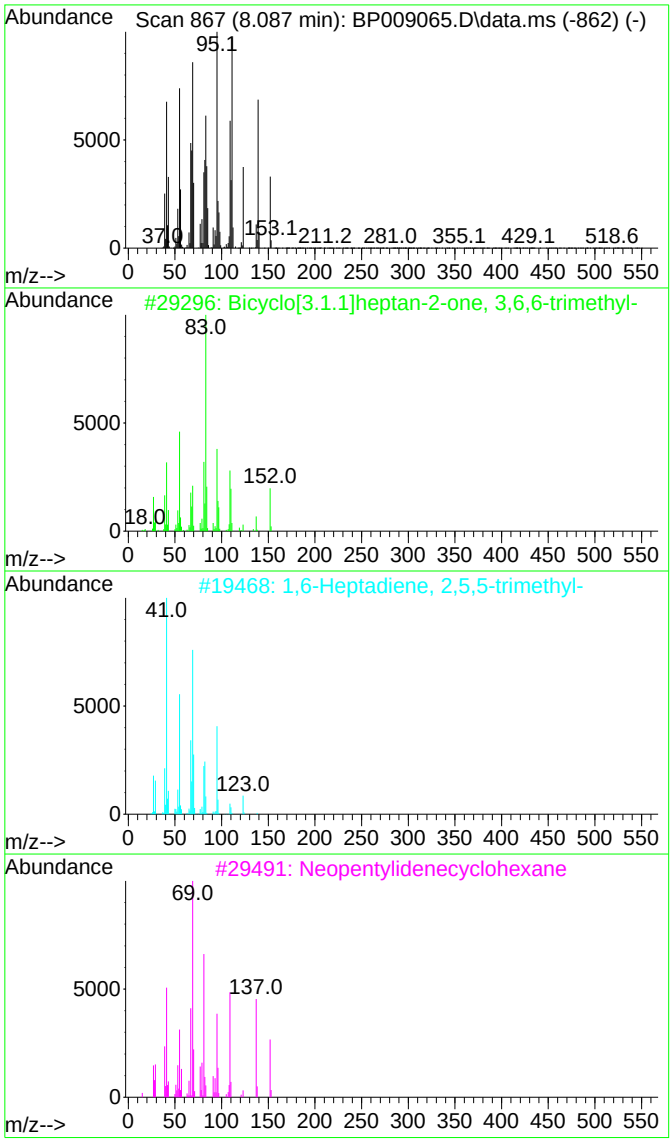
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

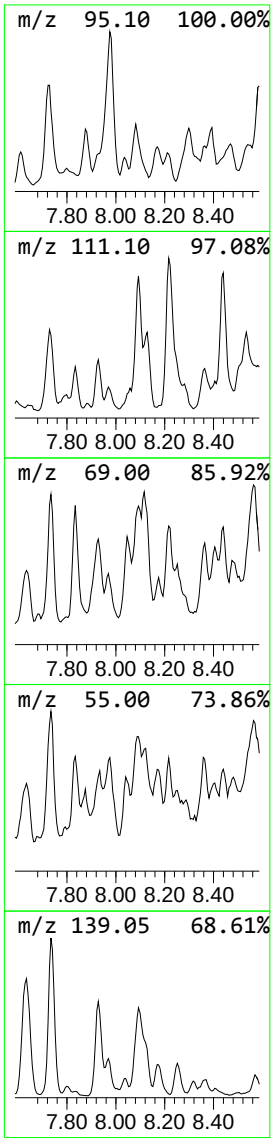
**********

Peak Number 7 unknown8.087 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.087 | 9.43 ng | 1114040 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[3.1.1]heptan-2-one, 3,6,... | 152 | C10H16O | 016022-08-5 | 42 |
| 2 | 1,6-Heptadiene, 2,5,5-trimethyl- | 138 | C10H18 | 062238-28-2 | 41 |
| 3 | Neopentylidenecyclohexane | 152 | C11H20 | 039546-80-0 | 30 |
| 4 | 1-Cyclohexyl-2-methyl-prop-2-en-... | 152 | C10H16O | 025183-82-8 | 25 |
| 5 | 7-Butyl-3,4,5,6(2H)-tetrahydroaz... | 153 | C10H19N | 003338-06-5 | 18 |



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Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

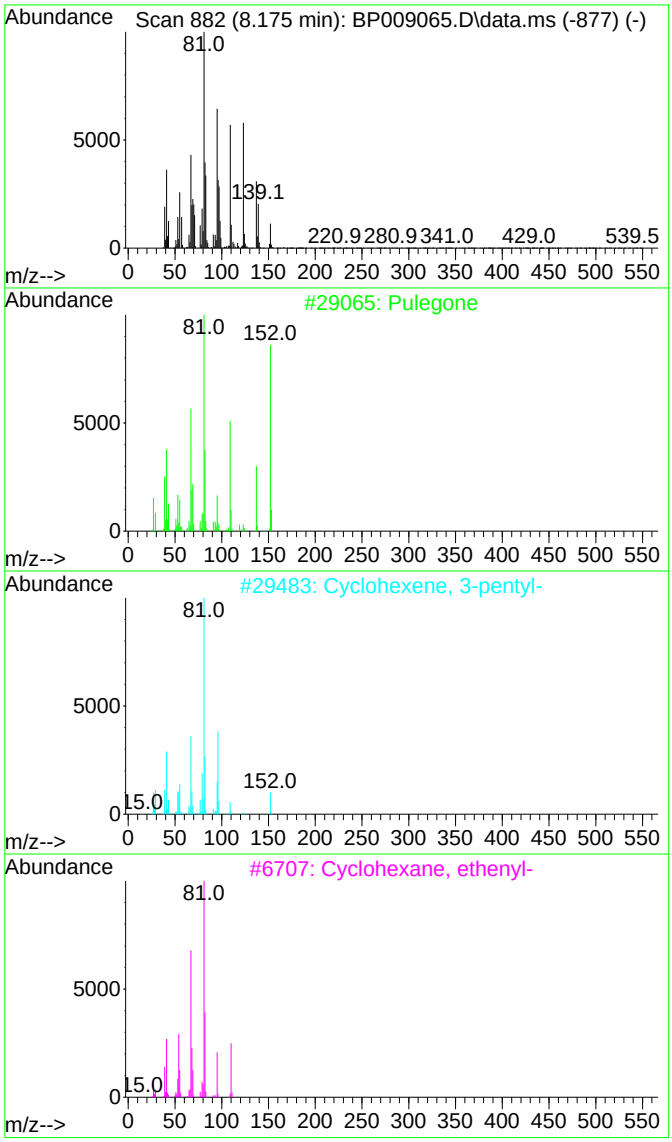
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

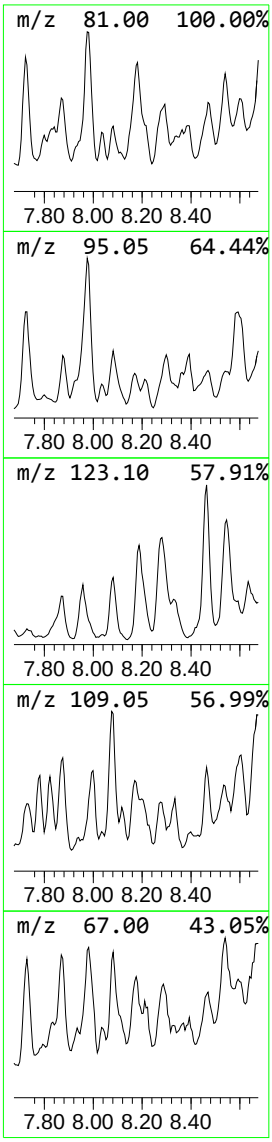
**********

Peak Number 8 Pulegone Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.175 | 6.40 ng | 756215 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pulegone | 152 | C10H16O | 000089-82-7 | 53 |
| 2 | Cyclohexene, 3-pentyl- | 152 | C11H20 | 015232-92-5 | 38 |
| 3 | Cyclohexane, ethenyl- | 110 | C8H14 | 000695-12-5 | 35 |
| 4 | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6 | 30 |
| 5 | 5-Eicosyne | 278 | C20H38 | 074685-31-7 | 27 |



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Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

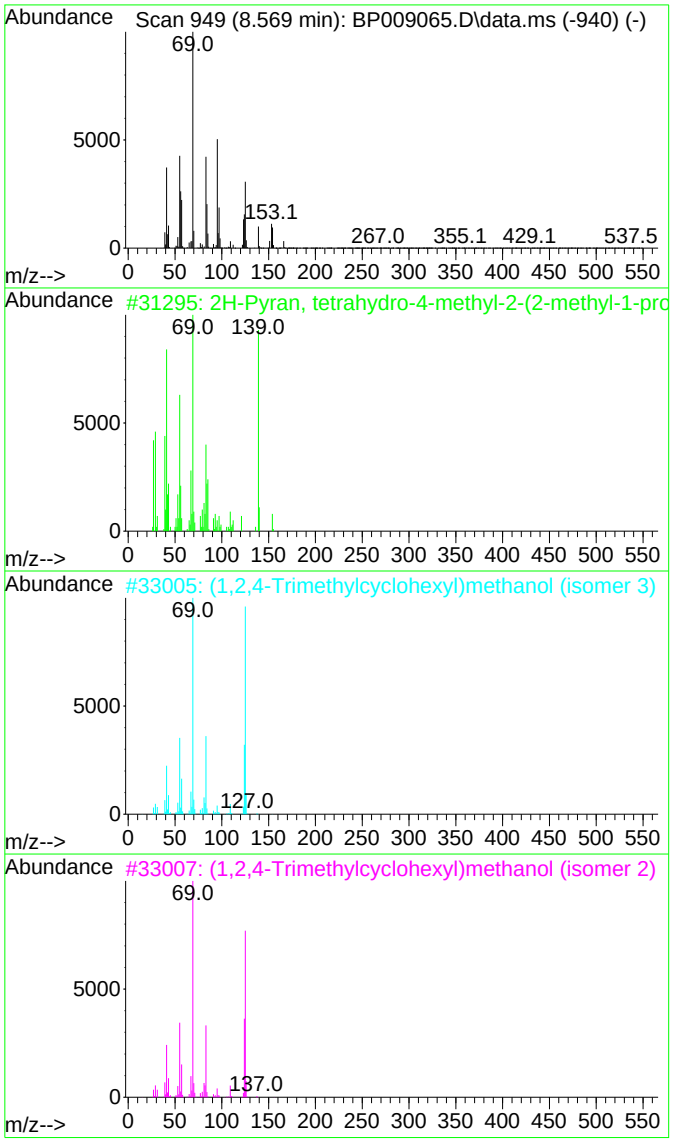
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

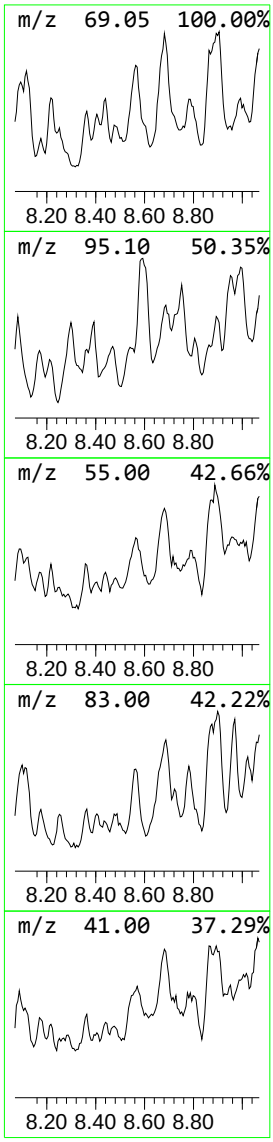
**********

Peak Number 9 unknown8.569 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.569 | 20.31 ng | 2398940 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Pyran, tetrahydro-4-methyl-2-... | 154 | C10H18O | 016409-43-1 | 38 |
| 2 | (1,2,4-Trimethylcyclohexyl)metha... | 156 | C10H20O | 1000499-04-0 | 38 |
| 3 | (1,2,4-Trimethylcyclohexyl)metha... | 156 | C10H20O | 1000499-03-9 | 38 |
| 4 | 1-Isopropyl-1,4,5-trimethylcyclo... | 168 | C12H24 | 219783-06-9 | 37 |
| 5 | Cyclooctane, 1-methyl-3-propyl- | 168 | C12H24 | 255885-37-1 | 37 |



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Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

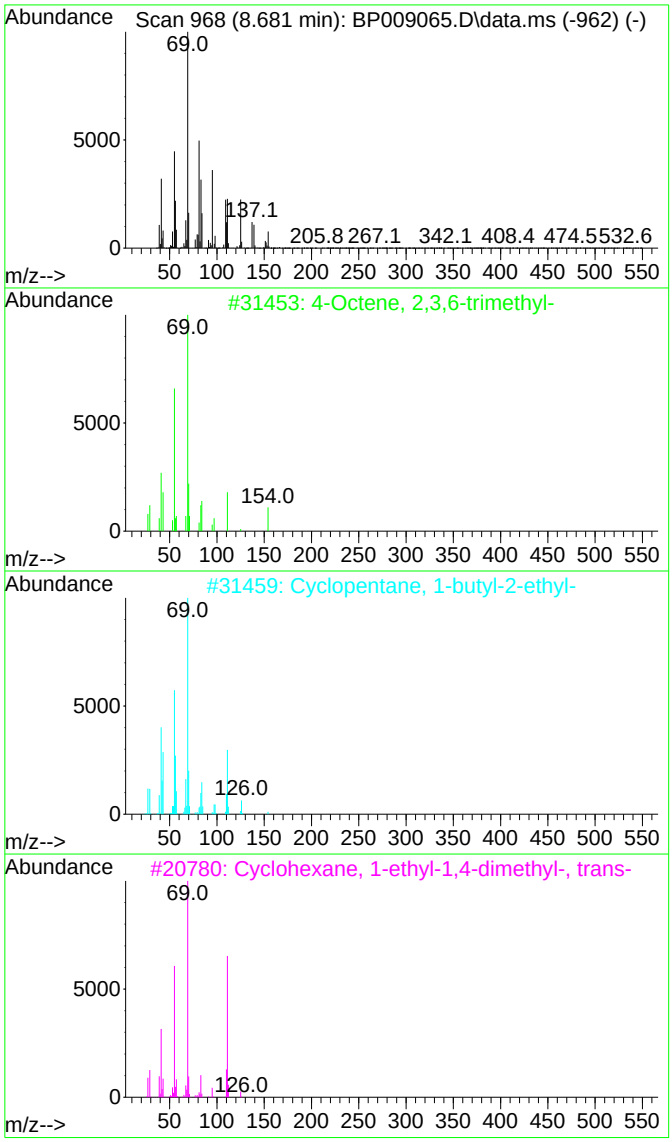
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

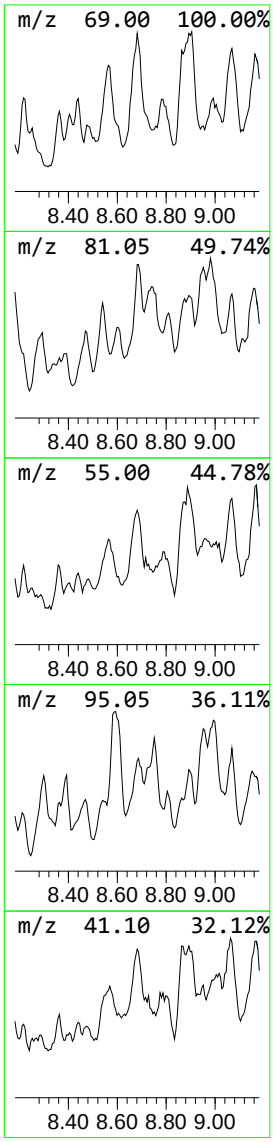
**********

Peak Number 10 unknown8.681 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.681 | 13.59 ng | 1605430 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Octene, 2,3,6-trimethyl- | 154 | C11H22 | 063830-65-9 | 43 |
| 2 | Cyclopentane, 1-butyl-2-ethyl- | 154 | C11H22 | 072993-32-9 | 43 |
| 3 | Cyclohexane, 1-ethyl-1,4-dimethy... | 140 | C10H20 | 062238-32-8 | 43 |
| 4 | Cyclohexane, 1-ethyl-1,4-dimethy... | 140 | C10H20 | 062238-30-6 | 43 |
| 5 | (2,4-Dimethylcyclohexyl)methanol... | 142 | C9H18O | 1000499-02-8 | 40 |



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Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

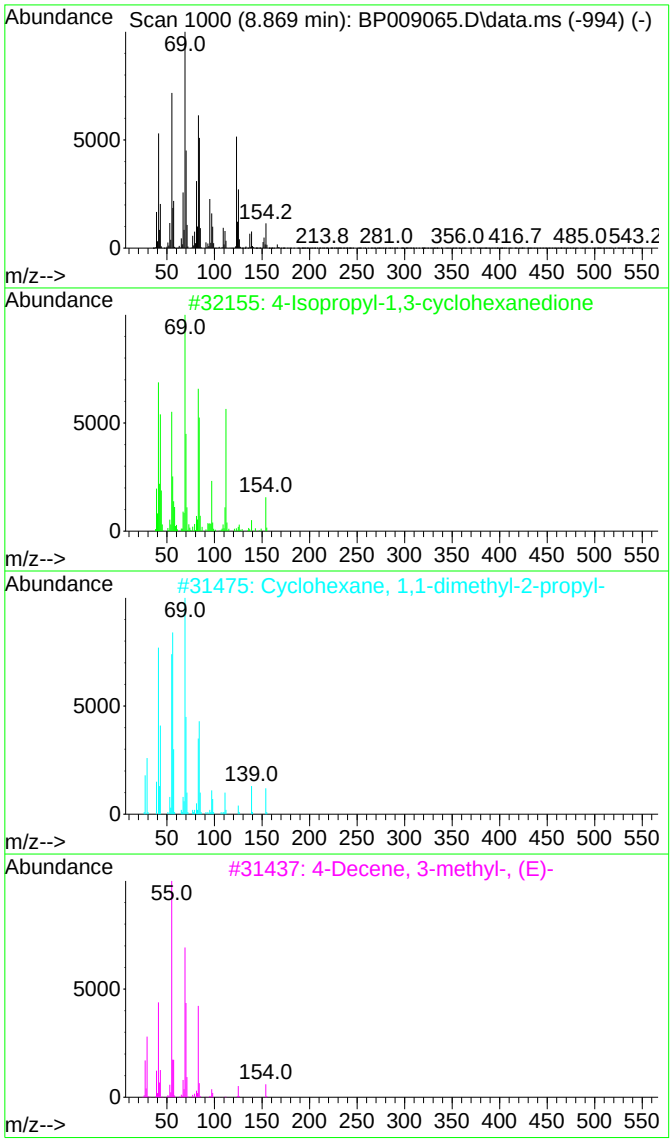
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

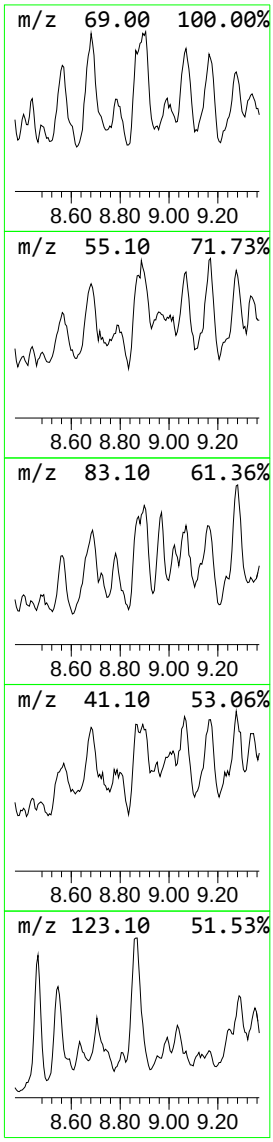
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 4-Isopropyl-1,3-cyclohexane... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.869 | 15.71 ng | 1855740 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Isopropyl-1,3-cyclohexanedione | 154 | C9H14O2 | 062831-62-3 | 64 |
| 2 | Cyclohexane, 1,1-dimethyl-2-propyl- | 154 | C11H22 | 081983-71-3 | 49 |
| 3 | 4-Decene, 3-methyl-, (E)- | 154 | C11H22 | 062338-47-0 | 46 |
| 4 | 5-Undecene, (E)- | 154 | C11H22 | 000764-97-6 | 43 |
| 5 | Cyclohexane, (1-ethylpropyl)- | 154 | C11H22 | 026321-98-2 | 42 |



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Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

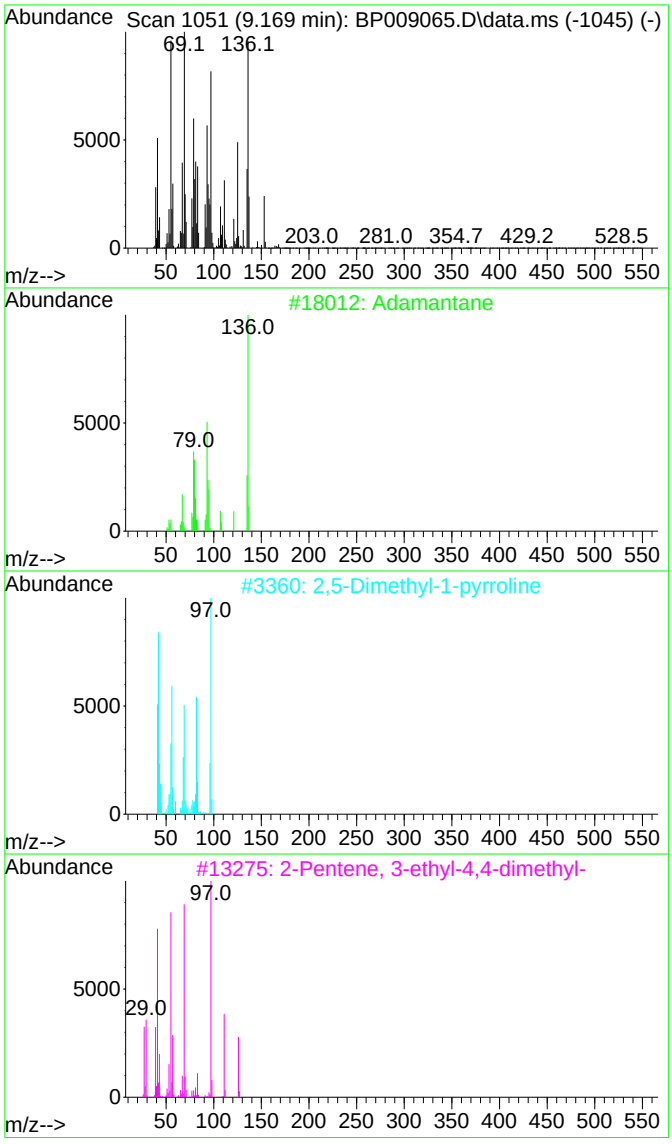
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

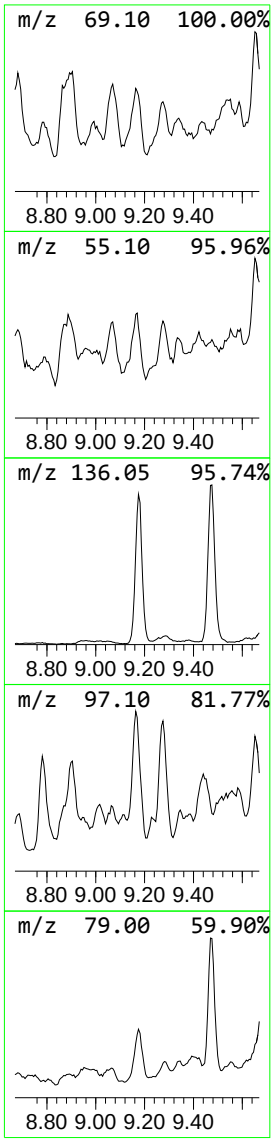
**********

Peak Number 12 Adamantane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.169 | 21.58 ng | 2549540 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Adamantane | 136 | C10H16 | 000281-23-2 | 53 |
| 2 | 2,5-Dimethyl-1-pyrroline | 97 | C6H11N | 000822-64-0 | 35 |
| 3 | 2-Pentene, 3-ethyl-4,4-dimethyl- | 126 | C9H18 | 053907-59-8 | 27 |
| 4 | 6-Methyl-1,5-diazabicyclo[3.1.0]... | 98 | C5H10N2 | 100463-00-1 | 27 |
| 5 | 2-Butenoic acid, 2-methyl-, 3-me... | 168 | C10H16O2 | 083783-86-2 | 14 |



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Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

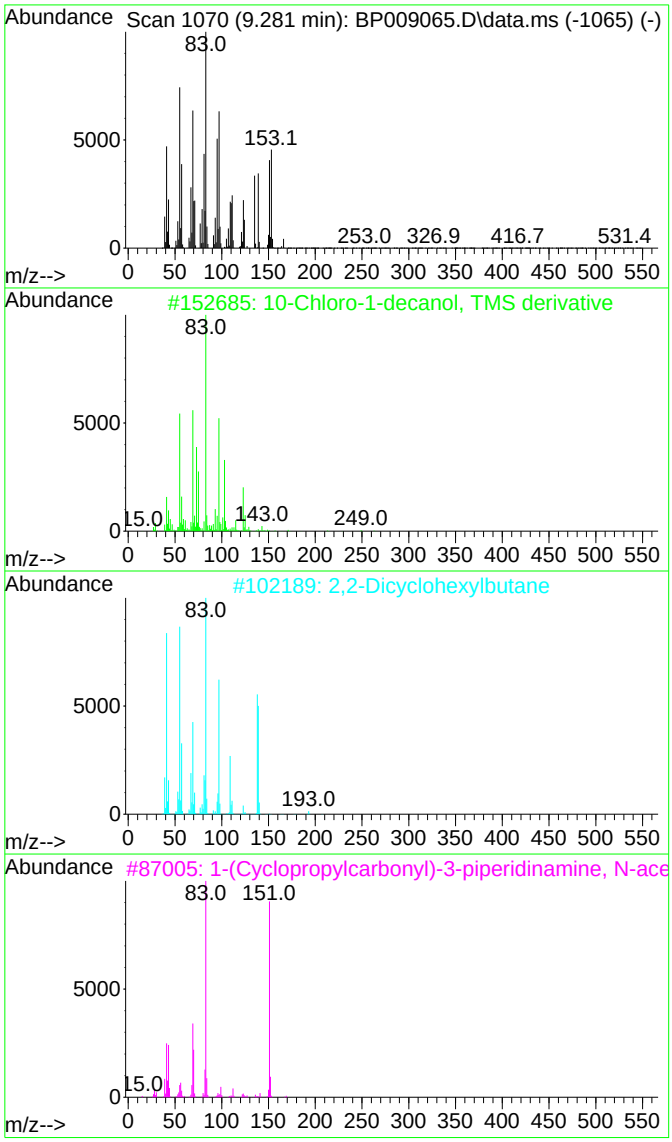
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

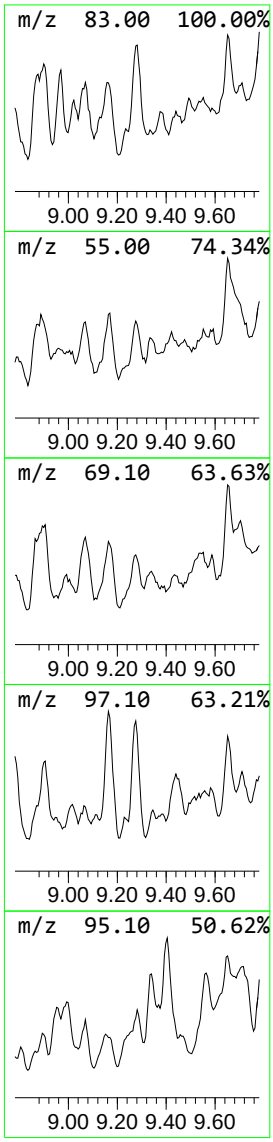
**********

Peak Number 13 unknown9.281 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.281 | 12.87 ng | 1378120 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Chloro-1-decanol, TMS derivative | 264 | C13H29ClOSi | 034714-01-7 | 27 |
| 2 | 2,2-Dicyclohexylbutane | 222 | C16H30 | 054890-02-7 | 27 |
| 3 | 1-(Cyclopropylcarbonyl)-3-piperi... | 210 | C11H18N2O2 | 1457693-07-0 | 22 |
| 4 | 2-Isopropyl-5-methylcyclohexylme... | 170 | C11H22O | 1000223-18-0 | 22 |
| 5 | Benzene, 2-chloro-1,4-bis(cycloh... | 364 | C20H25ClO4 | 294874-04-7 | 22 |



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Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

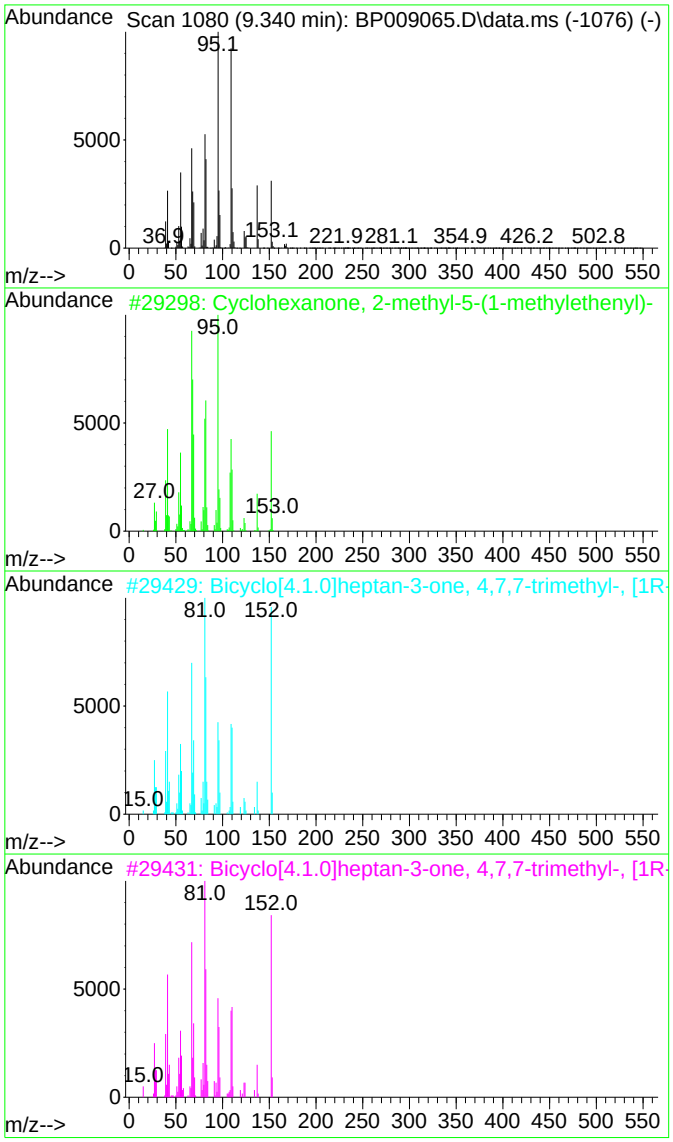
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

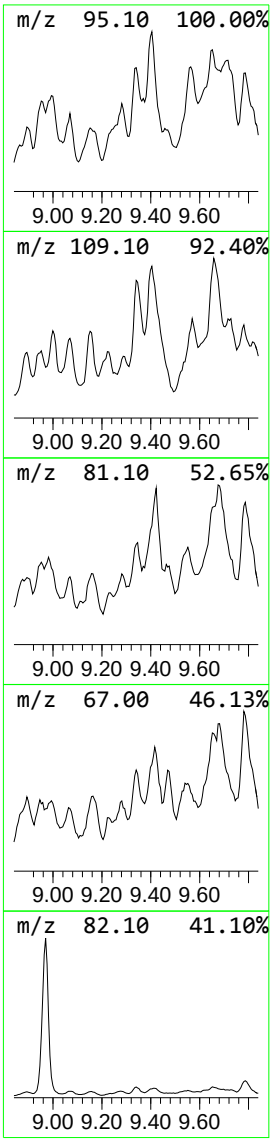
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Cyclohexanone, 2-methyl-5-(... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.340 | 9.99 ng | 1068990 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2-methyl-5-(1-met... | 152 | C10H16O | 007764-50-3 | 68 |
| 2 | Bicyclo[4.1.0]heptan-3-one, 4,7,... | 152 | C10H16O | 004176-01-6 | 49 |
| 3 | Bicyclo[4.1.0]heptan-3-one, 4,7,... | 152 | C10H16O | 004176-04-9 | 49 |
| 4 | 2-Dodecyne | 166 | C12H22 | 000629-49-2 | 43 |
| 5 | Bicyclo[2.2.1]heptane, 2-butyl- | 152 | C11H20 | 061177-16-0 | 43 |



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Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

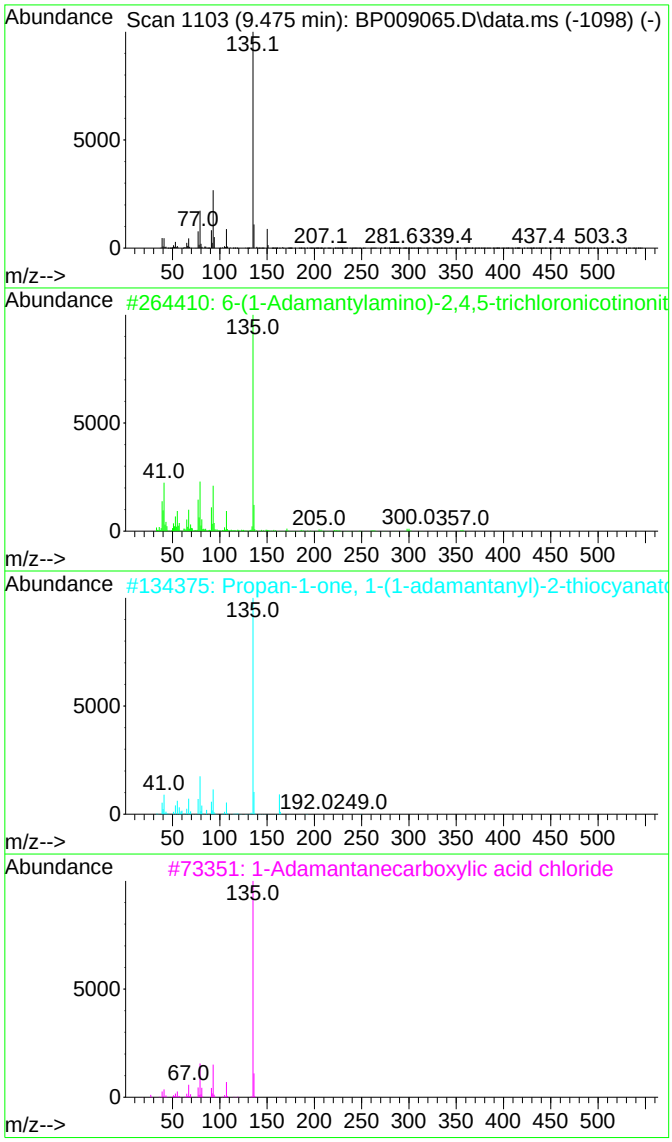
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

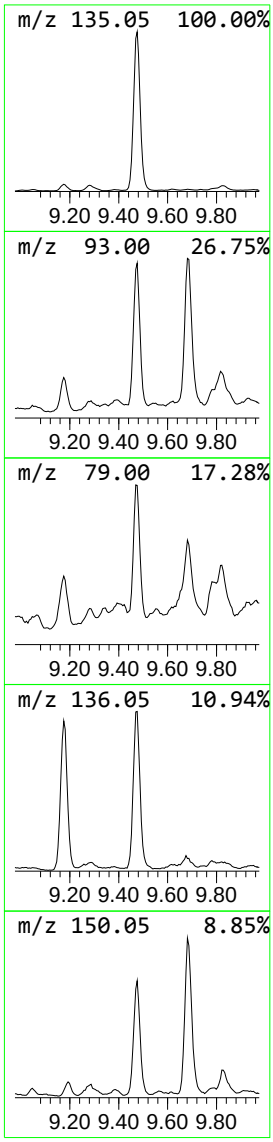
**********

Peak Number 15 6-(1-Adamantylamino)-2,4,5-... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.475 | 25.67 ng | 2747850 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-(1-Adamantylamino)-2,4,5-trich... | 355 | C16H16Cl3N3 | 339165-88-7 | 72 |
| 2 | Propan-1-one, 1-(1-adamantanyl)-... | 249 | C14H19NOS | 313231-18-4 | 72 |
| 3 | 1-Adamantanecarboxylic acid chlo... | 198 | C11H15ClO | 002094-72-6 | 72 |
| 4 | 1-Adamantanecarboxylic acid, 2-m... | 270 | C18H22O2 | 1010293-75-3 | 72 |
| 5 | 1-isocyanatocyclopropyl tricyclo... | 233 | C14H19NO2 | 1000396-40-9 | 72 |



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Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

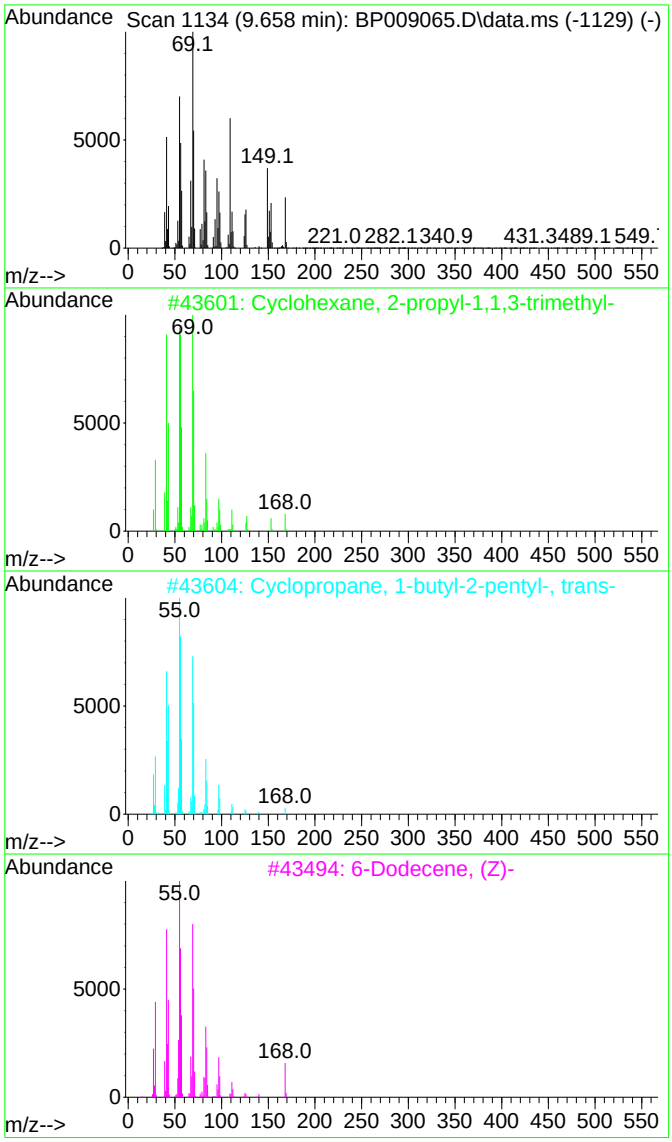
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

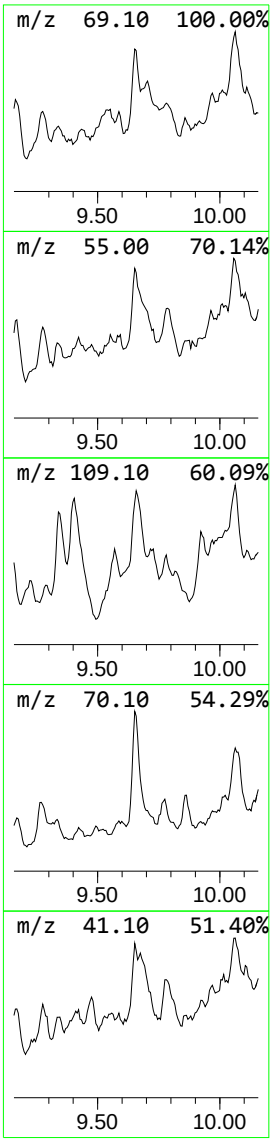
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Cyclohexane, 2-propyl-1,1,3... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.658 | 18.06 ng | 1933520 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 2-propyl-1,1,3-trim... | 168 | C12H24 | 081983-70-2 | 70 |
| 2 | Cyclopropane, 1-butyl-2-pentyl-,... | 168 | C12H24 | 074663-87-9 | 64 |
| 3 | 6-Dodecene, (Z)- | 168 | C12H24 | 007206-29-3 | 64 |
| 4 | (R)-(+)-3-Aminoquinuclidine, N-a... | 168 | C9H16N2O | 134869-61-7 | 46 |
| 5 | 1.alpha.,2.beta.,3.alpha.,4.beta... | 126 | C9H18 | 002532-67-4 | 43 |



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Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

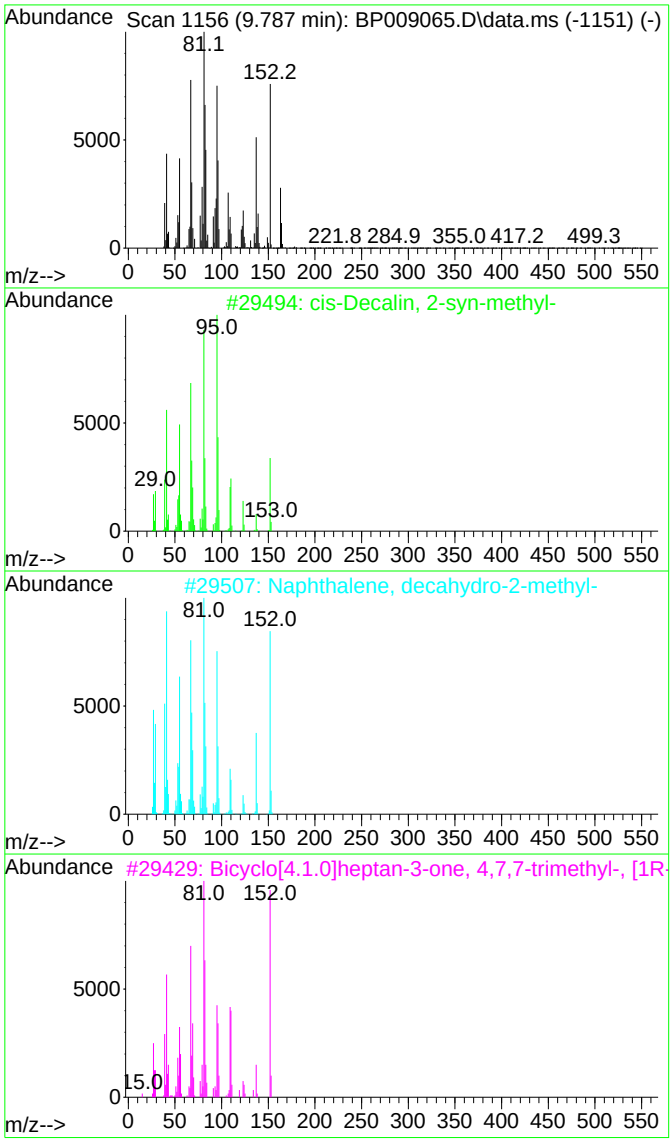
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

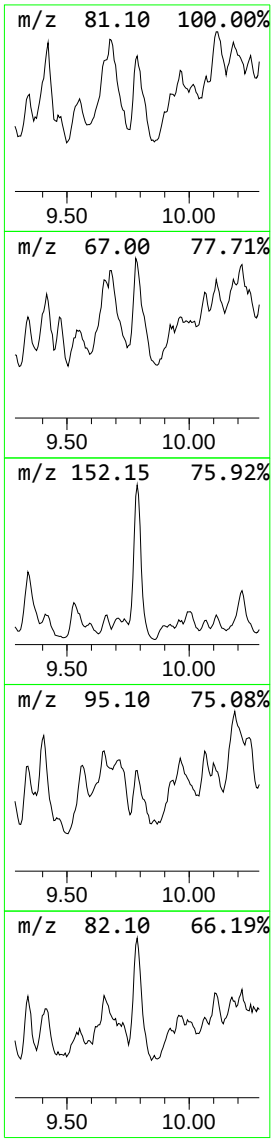
**********

Peak Number 17 cis-Decalin, 2-syn-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.787 | 32.56 ng | 3486120 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-Decalin, 2-syn-methyl- | 152 | C11H20 | 1000155-85-6 | 76 |
| 2 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 72 |
| 3 | Bicyclo[4.1.0]heptan-3-one, 4,7,... | 152 | C10H16O | 004176-01-6 | 53 |
| 4 | 7-Octadecyne, 2-methyl- | 264 | C19H36 | 035354-38-2 | 52 |
| 5 | 9-Methylbicyclo[3.3.1]nonane | 138 | C10H18 | 025107-01-1 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

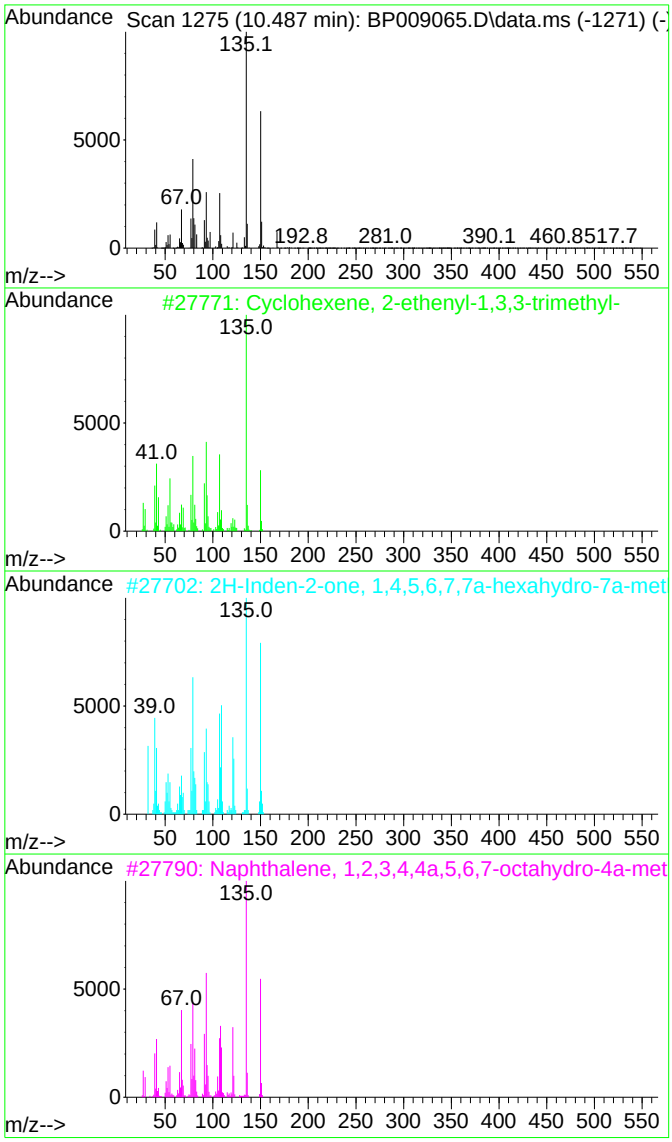
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

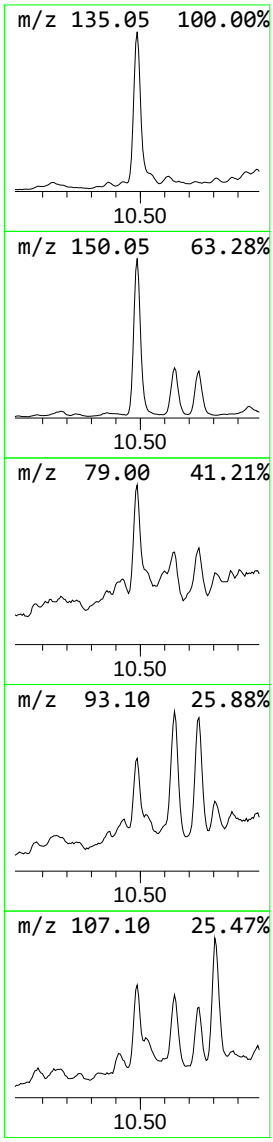
**********

Peak Number 18 Cyclohexene, 2-ethenyl-1,3,... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.487 | 20.00 ng | 2141140 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 2-ethenyl-1,3,3-tri... | 150 | C11H18 | 005293-90-3 | 80 |
| 2 | 2H-Inden-2-one, 1,4,5,6,7,7a-hex... | 150 | C10H14O | 054725-16-5 | 74 |
| 3 | Naphthalene, 1,2,3,4,4a,5,6,7-oc... | 150 | C11H18 | 013943-77-6 | 72 |
| 4 | 3,9-Epoxy-p-mentha-1,8(10)-diene | 150 | C10H14O | 1000111-14-8 | 64 |
| 5 | Phenol, 2-(1,1-dimethylethyl)- | 150 | C10H14O | 000088-18-6 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

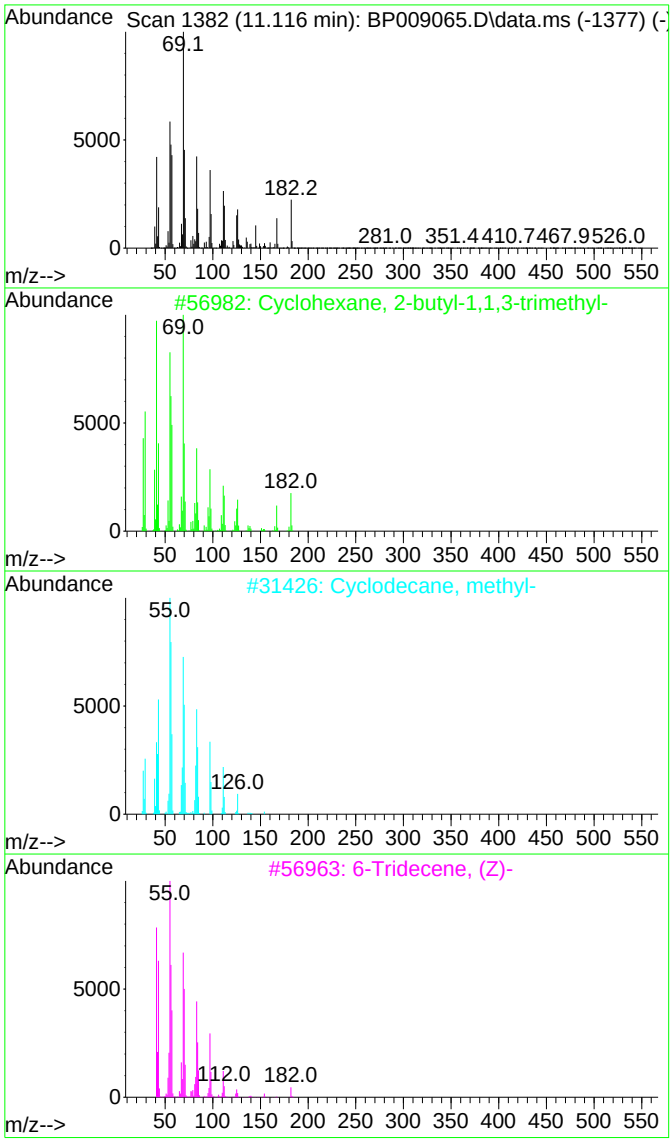
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

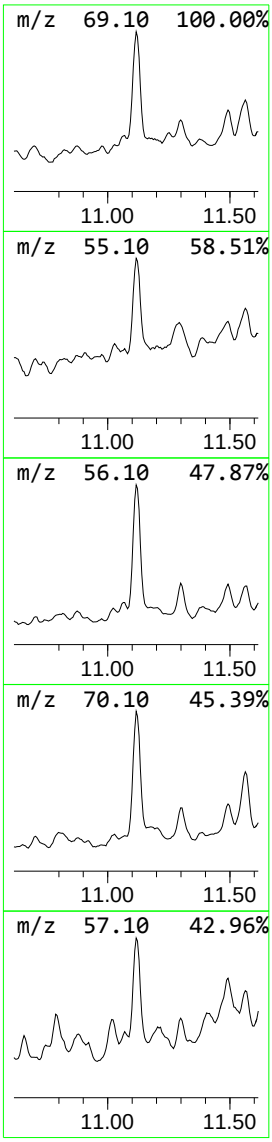
**********

Peak Number 19 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.116 | 98.40 ng | 10534700 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26 | 054676-39-0 | 96 |
| 2 | Cyclodecane, methyl- | 154 | C11H22 | 013151-43-4 | 55 |
| 3 | 6-Tridecene, (Z)- | 182 | C13H26 | 006508-77-6 | 53 |
| 4 | 5-Dodecene, (E)- | 168 | C12H24 | 007206-16-8 | 50 |
| 5 | 6-Tridecene | 182 | C13H26 | 024949-38-0 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

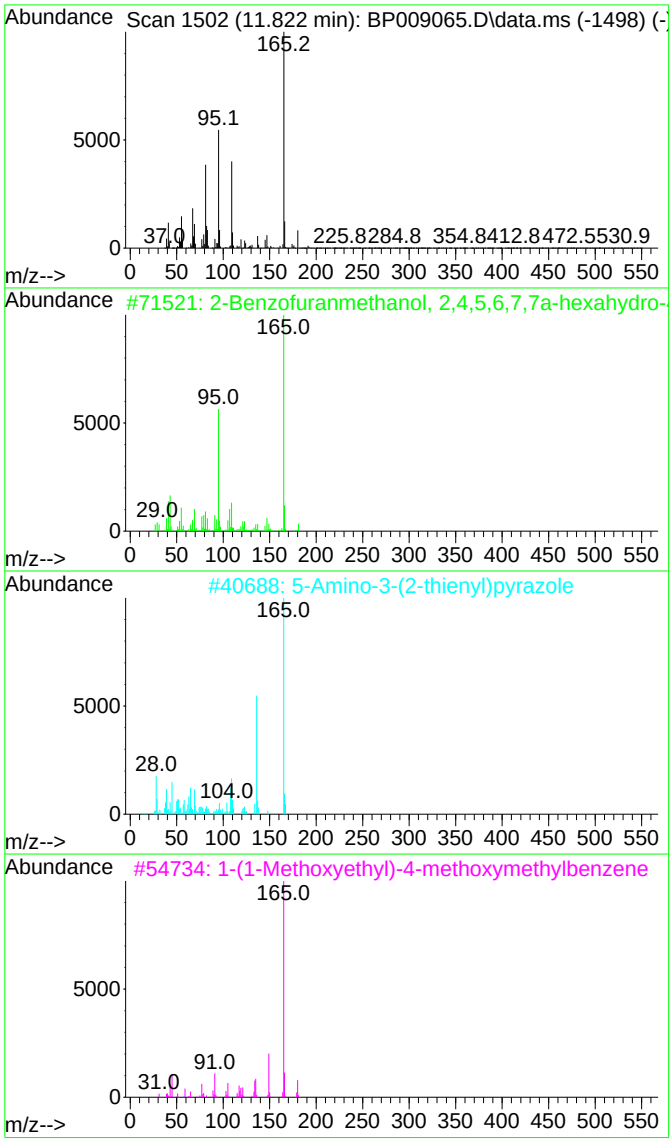
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

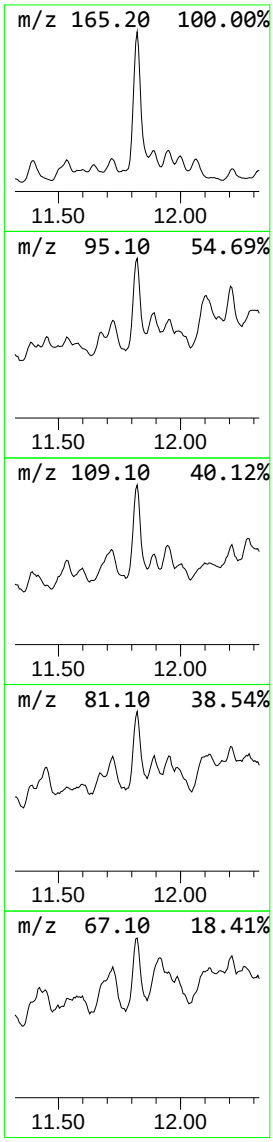
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 2-Benzofuranmethanol, 2,4,5... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.822 | 54.73 ng | 5858770 | Naphthalene-d8 | 10.610 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Benzofuranmethanol, 2,4,5,6,7,... | 196 | C12H20O2 | 077384-15-7 | 59 |
| 2 | 5-Amino-3-(2-thienyl)pyrazole | 165 | C7H7N3S | 096799-03-0 | 43 |
| 3 | 1-(1-Methoxyethyl)-4-methoxymeth... | 180 | C11H16O2 | 061145-46-8 | 38 |
| 4 | 2-Methyl-5-benzothiazolol | 165 | C8H7NOS | 068867-14-1 | 35 |
| 5 | 3-Methoxy-7-methyl-7H-pirazolo[4... | 165 | C6H7N5O | 037526-58-2 | 35 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009065.D
Acq On : 08 Feb 2022 18:51
Operator : CG/JU
Sample : N1399-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-GW-MH-02-8-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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 |
| Bicyclo[3.1.1]h... | 7.311 | 11.5 | ng | 1353370 | 1 | 7.805 | 2362590 | 20.0 |
| cis-3-Decene | 7.393 | 14.1 | ng | 1660680 | 1 | 7.805 | 2362590 | 20.0 |
| 1,1,3,3,5-Penta... | 7.634 | 10.2 | ng | 1204710 | 1 | 7.805 | 2362590 | 20.0 |
| unknown7.728 | 7.728 | 17.6 | ng | 2078310 | 1 | 7.805 | 2362590 | 20.0 |
| 1,4-Pentadiene,... | 7.975 | 14.7 | ng | 1738720 | 1 | 7.805 | 2362590 | 20.0 |
| Cyclohexane, 1,... | 8.040 | 6.0 | ng | 710169 | 1 | 7.805 | 2362590 | 20.0 |
| unknown8.087 | 8.087 | 9.4 | ng | 1114040 | 1 | 7.805 | 2362590 | 20.0 |
| Pulegone | 8.175 | 6.4 | ng | 756215 | 1 | 7.805 | 2362590 | 20.0 |
| unknown8.569 | 8.569 | 20.3 | ng | 2398940 | 1 | 7.805 | 2362590 | 20.0 |
| unknown8.681 | 8.681 | 13.6 | ng | 1605430 | 1 | 7.805 | 2362590 | 20.0 |
| 4-Isopropyl-1,3... | 8.869 | 15.7 | ng | 1855740 | 1 | 7.805 | 2362590 | 20.0 |
| Adamantane | 9.169 | 21.6 | ng | 2549540 | 1 | 7.805 | 2362590 | 20.0 |
| unknown9.281 | 9.281 | 12.9 | ng | 1378120 | 2 | 10.610 | 2141140 | 20.0 |
| Cyclohexanone, ... | 9.340 | 10.0 | ng | 1068990 | 2 | 10.610 | 2141140 | 20.0 |
| 6-(1-Adamantyla... | 9.475 | 25.7 | ng | 2747850 | 2 | 10.610 | 2141140 | 20.0 |
| Cyclohexane, 2-... | 9.658 | 18.1 | ng | 1933520 | 2 | 10.610 | 2141140 | 20.0 |
| cis-Decalin, 2-... | 9.787 | 32.6 | ng | 3486120 | 2 | 10.610 | 2141140 | 20.0 |
| Cyclohexene, 2-... | 10.487 | 20.0 | ng | 2141140 | 2 | 10.610 | 2141140 | 20.0 |
| Cyclohexane, 2-... | 11.116 | 98.4 | ng | 10534700 | 2 | 10.610 | 2141140 | 20.0 |
| 2-Benzofuranmet... | 11.822 | 54.7 | ng | 5858770 | 2 | 10.610 | 2141140 | 20.0 |