LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

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: BP009214.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.252 | 210 | 215 | 233 | rVB | 256781 | 431920 | 2.38% | 0.657% |
| 2 | 5.364 | 398 | 404 | 432 | rBV | 1438328 | 2785698 | 15.38% | 4.240% |
| 3 | 6.969 | 670 | 677 | 696 | rBV | 795510 | 1785819 | 9.86% | 2.718% |
| 4 | 7.316 | 731 | 736 | 741 | rBV | 151136 | 243584 | 1.34% | 0.371% |
| 5 | 7.375 | 741 | 746 | 755 | rVB | 146409 | 266252 | 1.47% | 0.405% |
| 6 | 7.563 | 771 | 778 | 792 | rBV | 211672 | 440785 | 2.43% | 0.671% |
| 7 | 7.763 | 805 | 812 | 820 | rBV | 625171 | 1062262 | 5.86% | 1.617% |
| 8 | 8.128 | 868 | 874 | 885 | rVB | 382974 | 644844 | 3.56% | 0.982% |
| 9 | 8.928 | 1003 | 1010 | 1037 | rBV | 1980080 | 3921943 | 21.65% | 5.970% |
| 10 | 10.563 | 1280 | 1288 | 1294 | rBV | 754459 | 1429414 | 7.89% | 2.176% |
| 11 | 12.763 | 1654 | 1662 | 1673 | rBV | 236620 | 413963 | 2.28% | 0.630% |
| 12 | 13.028 | 1699 | 1707 | 1722 | rBV | 6584150 | 10758971 | 59.38% | 16.377% |
| 13 | 13.263 | 1740 | 1747 | 1763 | rVB | 1011885 | 1667922 | 9.21% | 2.539% |
| 14 | 14.410 | 1935 | 1942 | 1952 | rBV | 1426437 | 2185621 | 12.06% | 3.327% |
| 15 | 15.240 | 2076 | 2083 | 2095 | rVB | 253582 | 377980 | 2.09% | 0.575% |
| 16 | 15.781 | 2170 | 2175 | 2185 | rBV | 226293 | 342015 | 1.89% | 0.521% |
| 17 | 15.916 | 2191 | 2198 | 2215 | rBV | 5244717 | 8658195 | 47.79% | 13.179% |
| 18 | 17.175 | 2406 | 2412 | 2426 | rVB | 1725892 | 2729434 | 15.07% | 4.155% |
| 19 | 17.839 | 2520 | 2525 | 2531 | rBV | 253367 | 316921 | 1.75% | 0.482% |
| 20 | 19.739 | 2842 | 2848 | 2859 | rBV | 13985431 | 18117419 | 100.00% | 27.578% |
| 21 | 21.275 | 3104 | 3109 | 3120 | rBV | 2317938 | 3611026 | 19.93% | 5.497% |
| 22 | 23.663 | 3509 | 3515 | 3528 | rVB2 | 1575704 | 3504091 | 19.34% | 5.334% |

Sum of corrected areas: 65696079

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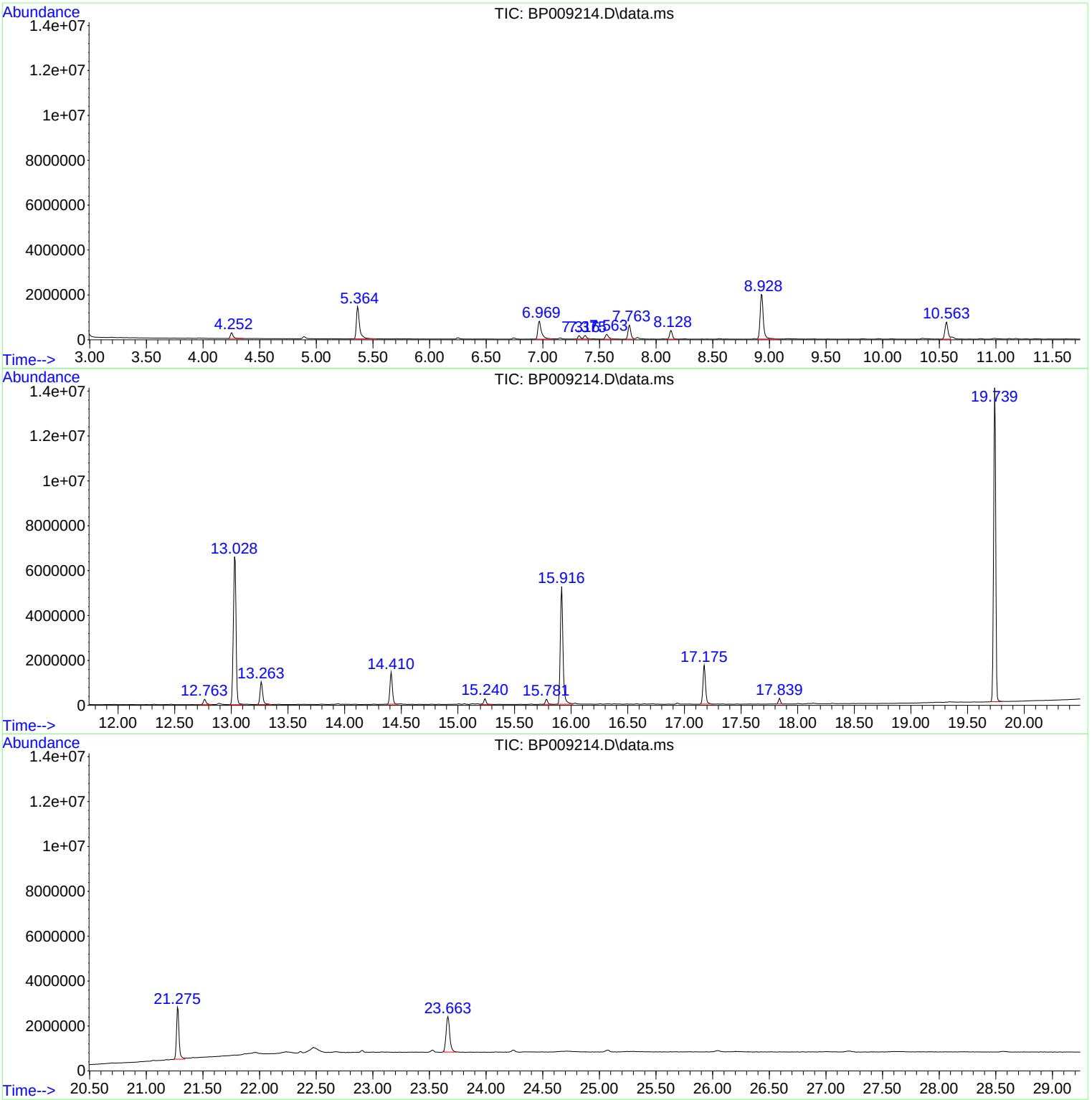
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

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\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

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

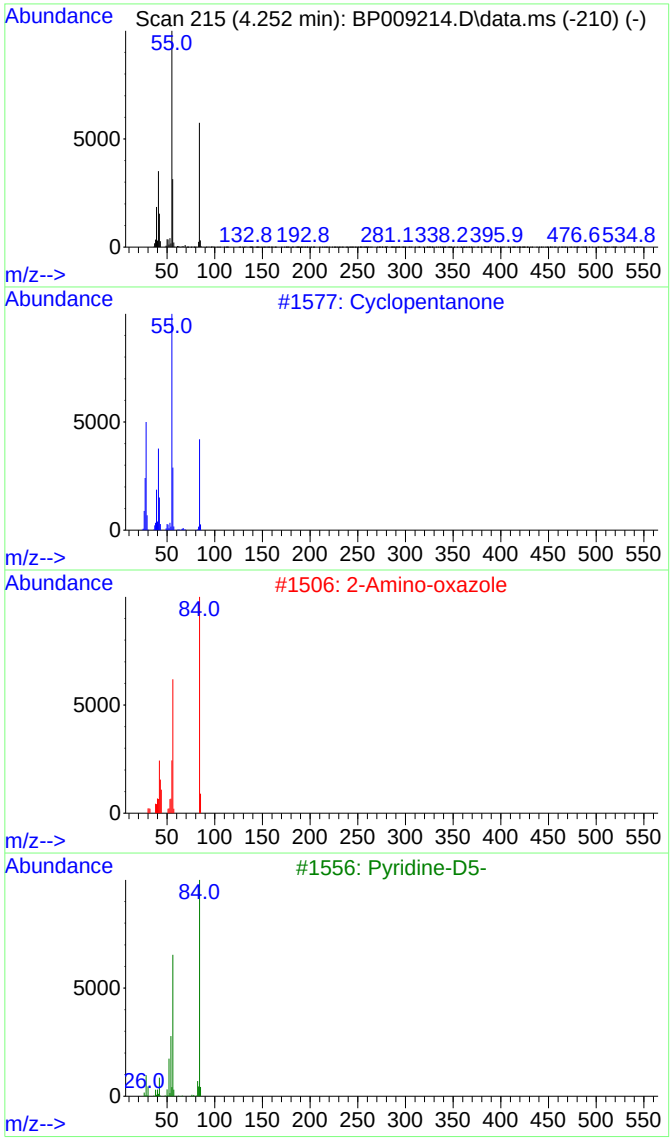
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

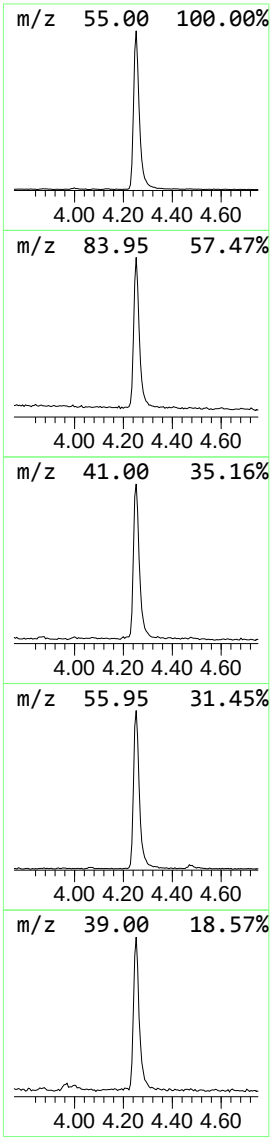
**********

Peak Number 1 Cyclopentanone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.252 | 8.13 ng | 431920 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentanone | 84 | C5H8O | 000120-92-3 | 91 |
| 2 | 2-Amino-oxazole | 84 | C3H4N2O | 004570-45-0 | 53 |
| 3 | Pyridine-D5- | 84 | C5D5N | 007291-22-7 | 52 |
| 4 | 2(5H)-Furanone | 84 | C4H4O2 | 000497-23-4 | 52 |
| 5 | 2H-Pyran, 3,4-dihydro- | 84 | C5H8O | 000110-87-2 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

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

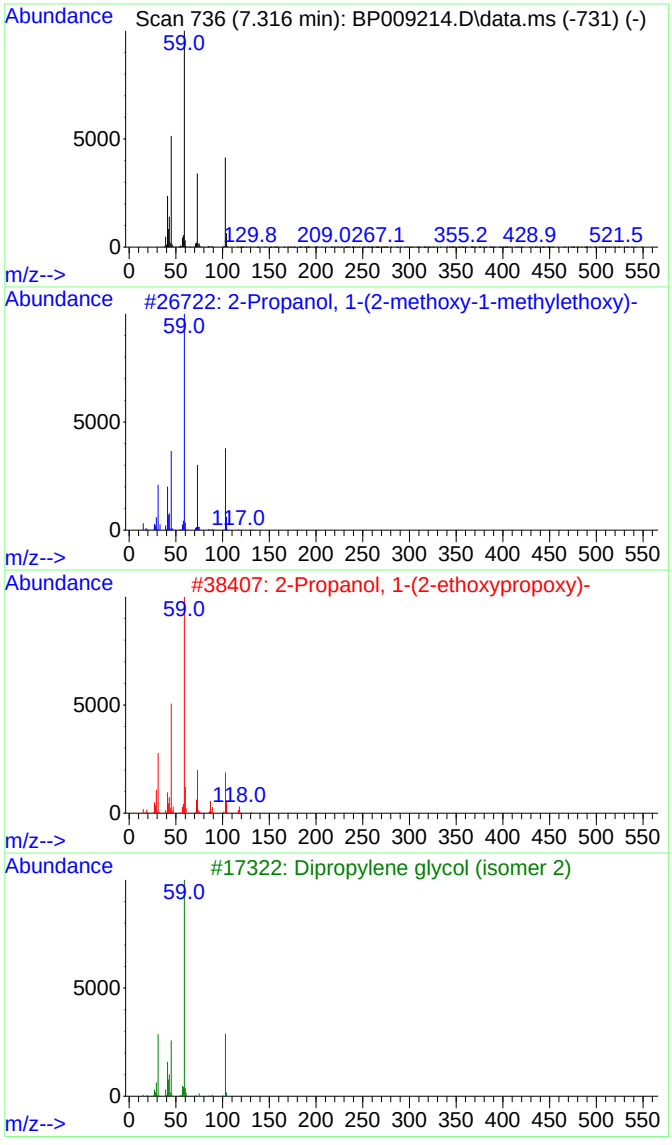
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

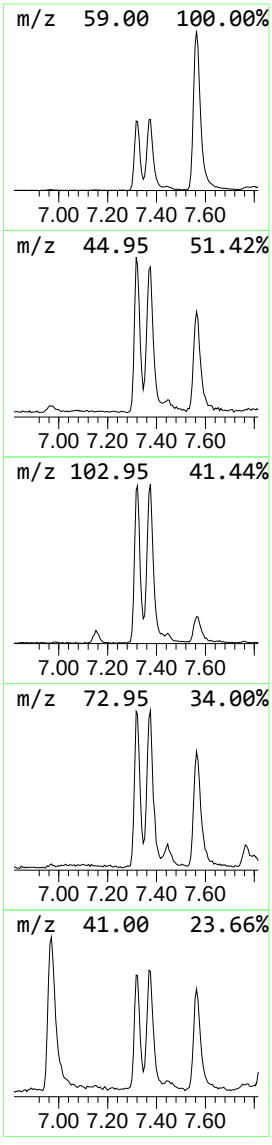
**********

Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.316 | 4.59 ng | 243584 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3 | 020324-32-7 | 72 |
| 2 | 2-Propanol, 1-(2-ethoxypropoxy)- | 162 | C8H18O3 | 010143-32-5 | 64 |
| 3 | Dipropylene glycol (isomer 2) | 134 | C6H14O3 | 1000506-25-4 | 53 |
| 4 | Dipropylene glycol (isomer 3) | 134 | C6H14O3 | 1000506-25-5 | 53 |
| 5 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

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

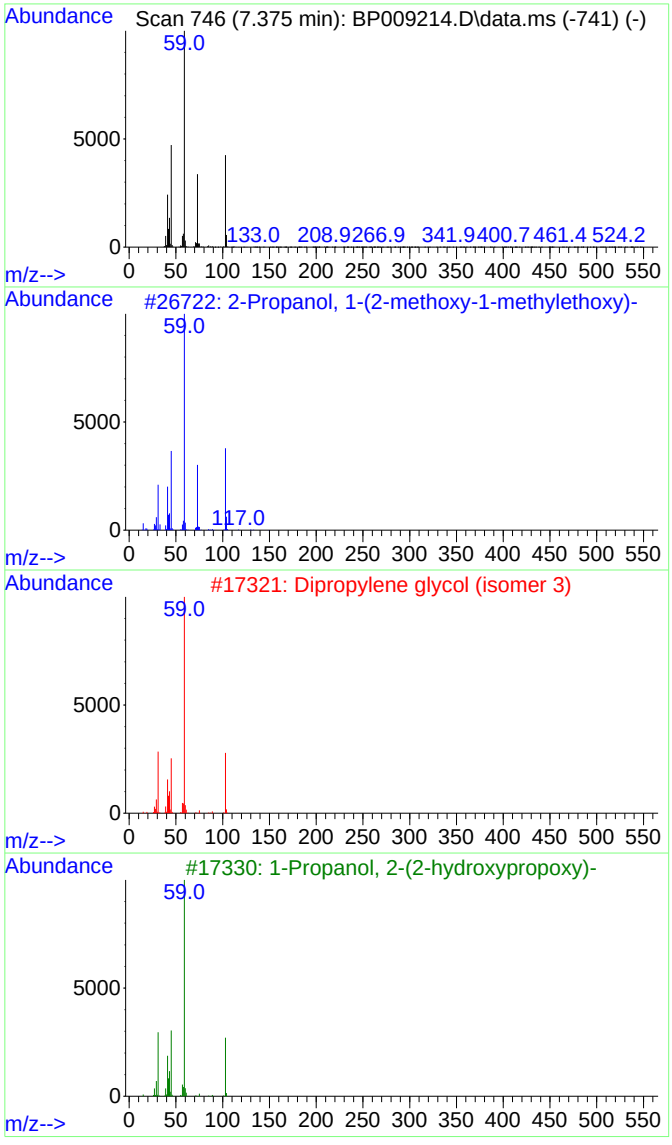
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

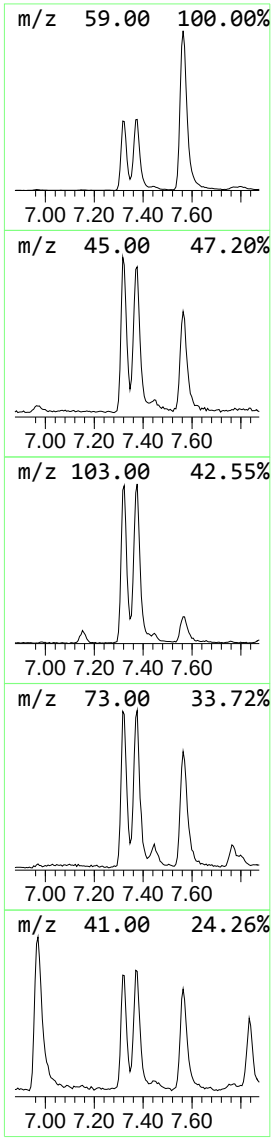
**********

Peak Number 3 Dipropylene glycol (isomer 3) Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.375 | 5.01 ng | 266252 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3 | 020324-32-7 | 90 |
| 2 | Dipropylene glycol (isomer 3) | 134 | C6H14O3 | 1000506-25-5 | 53 |
| 3 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 53 |
| 4 | Dipropylene glycol (isomer 2) | 134 | C6H14O3 | 1000506-25-4 | 53 |
| 5 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

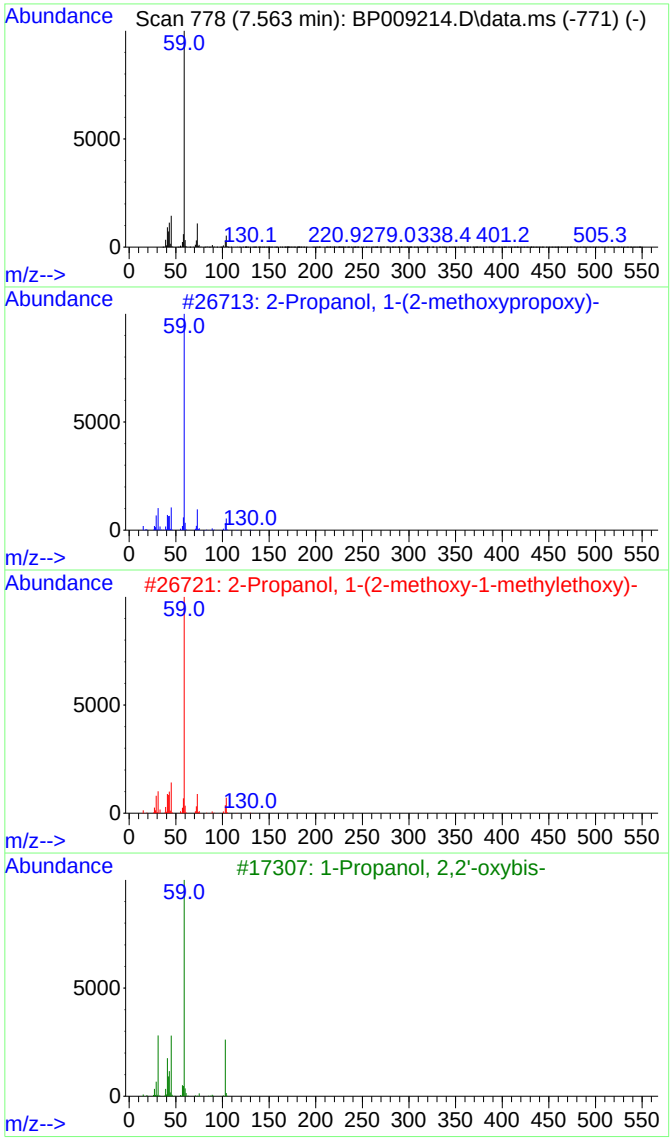
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

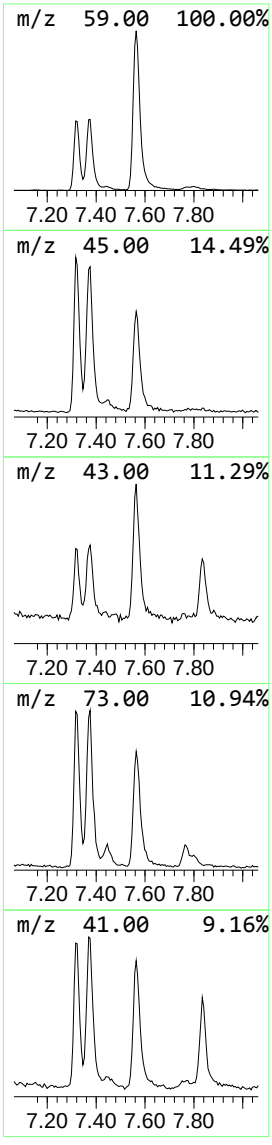
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.563 | 8.30 ng | 440785 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-methoxypropoxy)- | 148 | C7H16O3 | 013429-07-7 | 83 |
| 2 | 2-Propanol, 1-(2-methoxy-1-methy... | 148 | C7H16O3 | 020324-32-7 | 83 |
| 3 | 1-Propanol, 2,2'-oxybis- | 134 | C6H14O3 | 000108-61-2 | 64 |
| 4 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 50 |
| 5 | 2-Propanol, 1-[1-methyl-2-(2-pro... | 174 | C9H18O3 | 055956-25-7 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

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

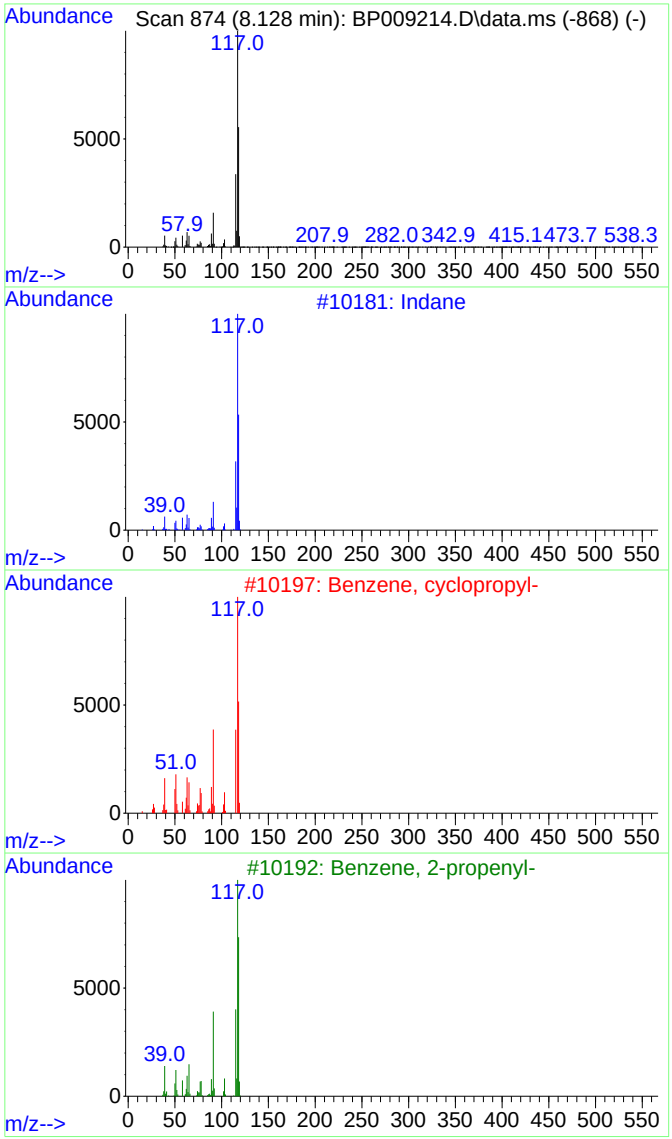
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

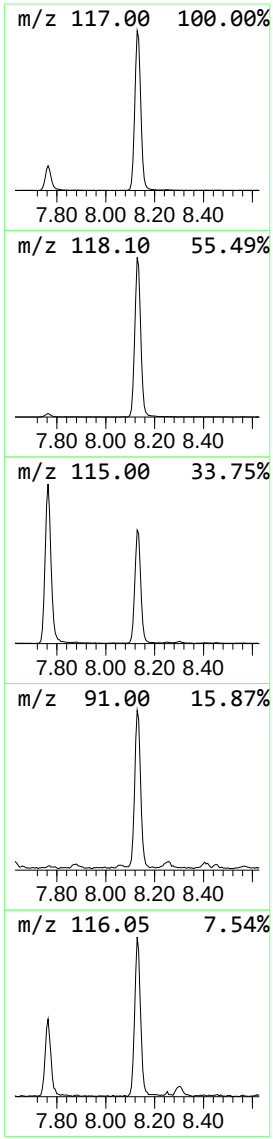
**********

Peak Number 5 Indane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.128 | 12.14 ng | 644844 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 72 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 64 |
| 4 | Benzene, 1,1'-(1,5-hexadiene-1,6... | 234 | C18H18 | 004439-45-6 | 59 |
| 5 | 7-Methylenecycloocta-1,3,5-triene | 118 | C9H10 | 002570-13-0 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

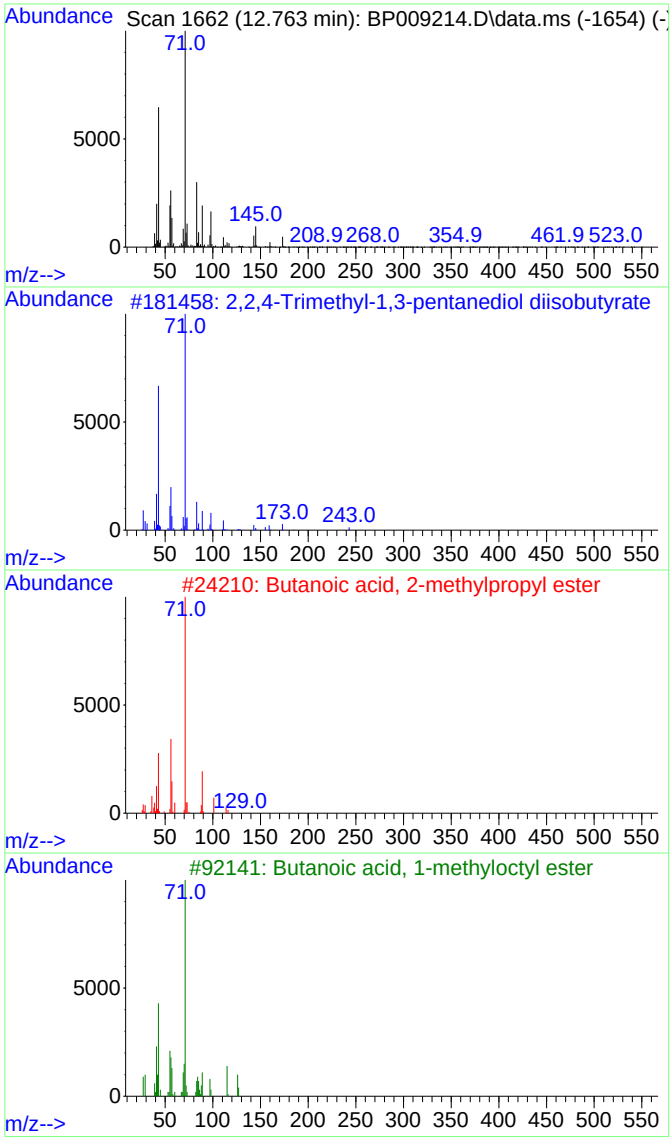
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

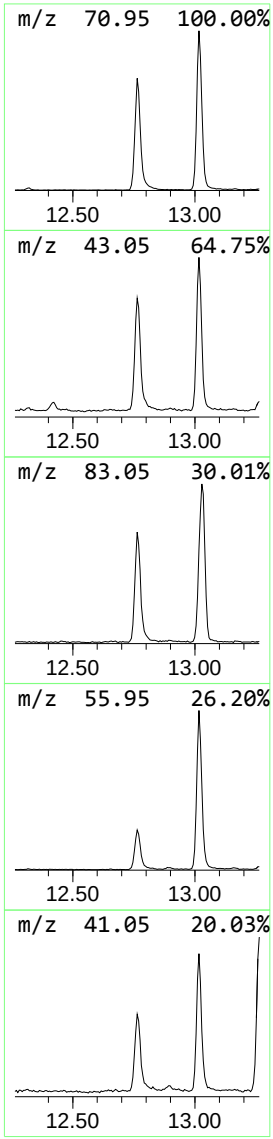
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.763 | 3.79 ng | 413963 | Acenaphthene-d10 | 14.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4 | 006846-50-0 | 64 |
| 2 | Butanoic acid, 2-methylpropyl ester | 144 | C8H16O2 | 000539-90-2 | 42 |
| 3 | Butanoic acid, 1-methyloctyl ester | 214 | C13H26O2 | 069727-42-0 | 37 |
| 4 | Butane, 2-iodo-3-methyl- | 198 | C5H11I | 018295-27-7 | 35 |
| 5 | Butanoic acid, 3-butenyl ester | 142 | C8H14O2 | 021698-32-8 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

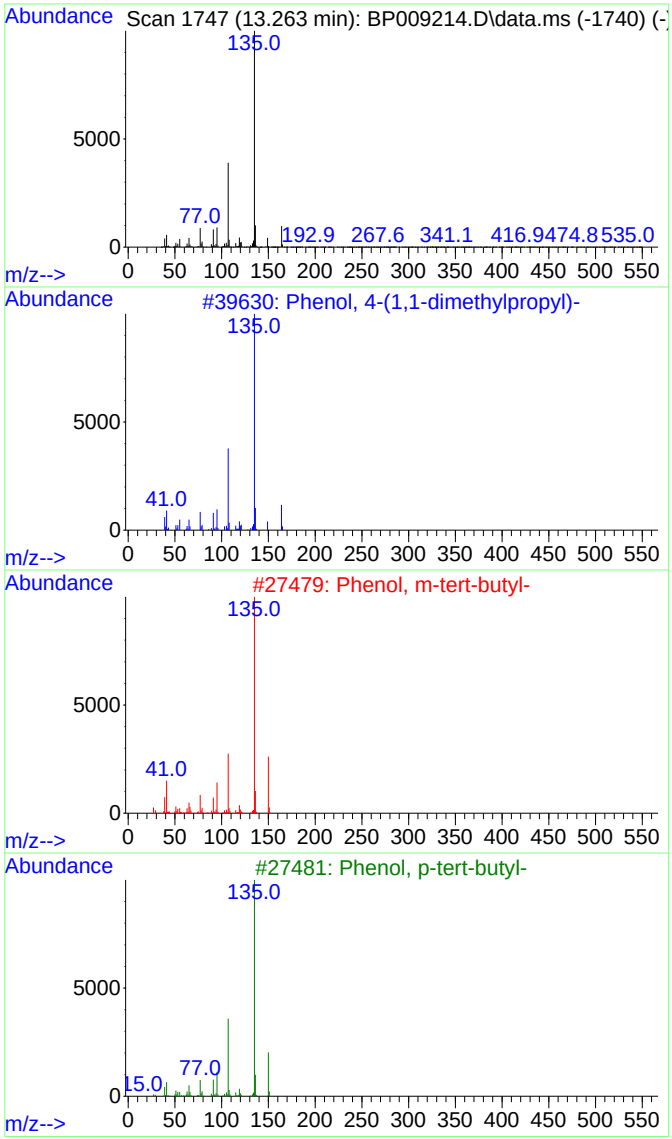
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

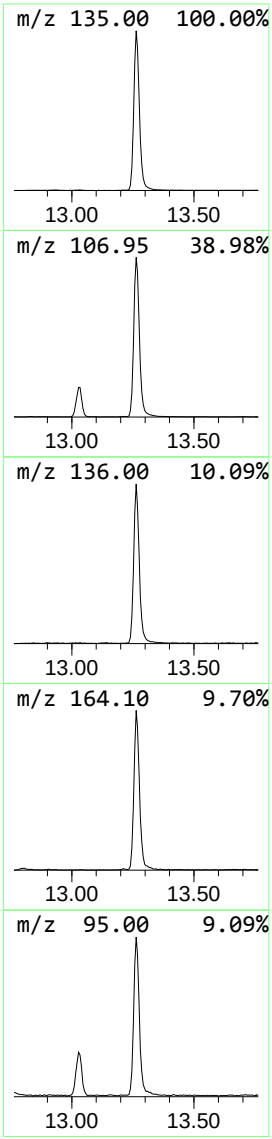
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Phenol, 4-(1,1-dimethylprop... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.263 | 15.26 ng | 1667920 | Acenaphthene-d10 | 14.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 97 |
| 2 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 86 |
| 3 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 80 |
| 4 | Hexestrol, O-trifluoroacetyl- | 366 | C20H21F3O3 | 1000365-31-7 | 64 |
| 5 | Hexestrol, O-isopropyloxycarbonyl- | 356 | C22H28O4 | 1000487-68-4 | 64 |



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Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

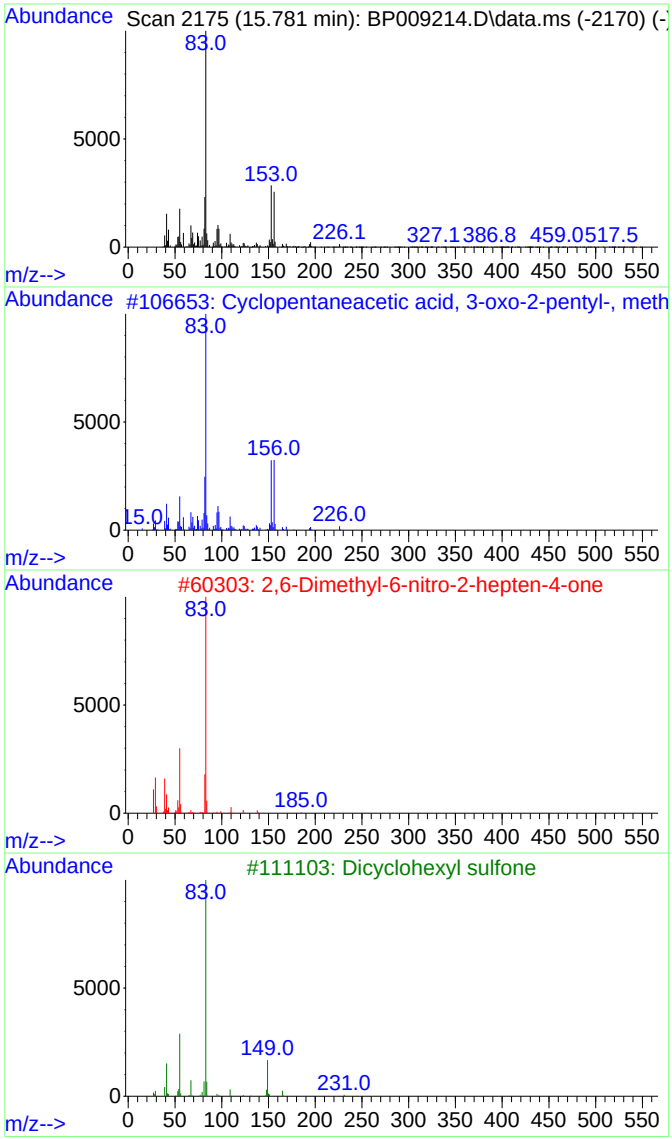
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

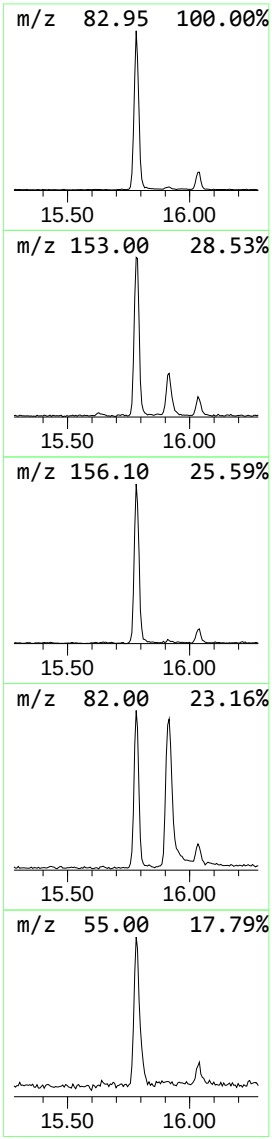
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Cyclopentaneacetic acid, 3-... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.781 | 3.13 ng | 342015 | Acenaphthene-d10 | 14.410 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentaneacetic acid, 3-oxo-2... | 226 | C13H22O3 | 024851-98-7 | 98 |
| 2 | 2,6-Dimethyl-6-nitro-2-hepten-4-one | 185 | C9H15NO3 | 073583-56-9 | 43 |
| 3 | Dicyclohexyl sulfone | 230 | C12H22O2S | 1000451-31-4 | 38 |
| 4 | 6-Hydroxy-10a-methyl-4,7-dimethy... | 376 | C20H24O7 | 1798297-60-5 | 38 |
| 5 | Hexanal di-cis-3-hexenyl acetal | 282 | C18H34O2 | 1000430-94-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

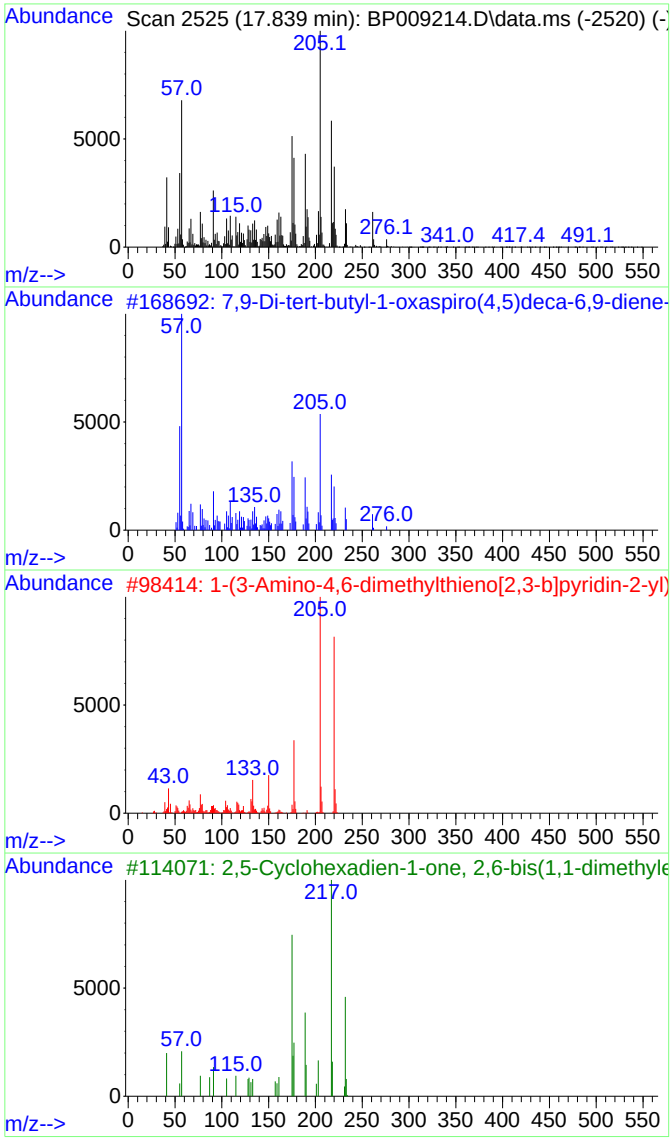
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

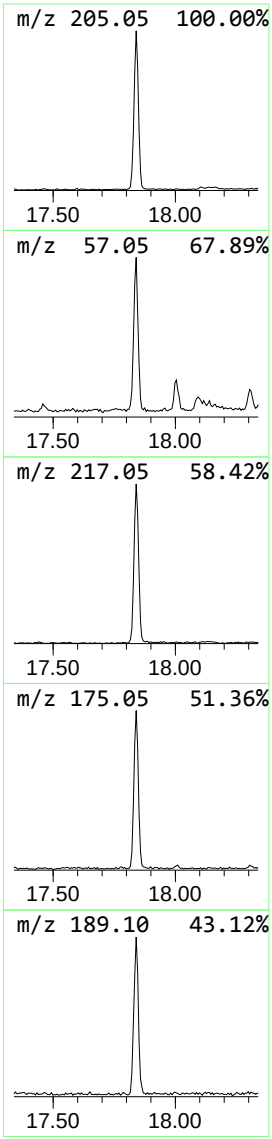
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.839 | 2.32 ng | 316921 | Phenanthrene-d10 | 17.175 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 99 |
| 2 | 1-(3-Amino-4,6-dimethylthieno[2,... | 220 | C11H12N2OS | 052505-42-7 | 50 |
| 3 | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232 | C16H24O | 006738-27-8 | 49 |
| 4 | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2 | 071596-88-8 | 45 |
| 5 | 2,5-di-tert-Butyl-1,4-benzoquinone | 220 | C14H20O2 | 002460-77-7 | 45 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009214.D
Acq On : 18 Feb 2022 15:20
Operator : CG/JU
Sample : N1573-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
MW-1R

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 |
| Cyclopentanone | 4.252 | 8.1 | ng | 431920 | 1 | 7.763 | 1062260 | 20.0 |
| 2-Propanol, 1-(... | 7.316 | 4.6 | ng | 243584 | 1 | 7.763 | 1062260 | 20.0 |
| Dipropylene gly... | 7.375 | 5.0 | ng | 266252 | 1 | 7.763 | 1062260 | 20.0 |
| 2-Propanol, 1-(... | 7.563 | 8.3 | ng | 440785 | 1 | 7.763 | 1062260 | 20.0 |
| Indane | 8.128 | 12.1 | ng | 644844 | 1 | 7.763 | 1062260 | 20.0 |
| 2,2,4-Trimethyl... | 12.763 | 3.8 | ng | 413963 | 3 | 14.410 | 2185620 | 20.0 |
| Phenol, 4-(1,1-... | 13.263 | 15.3 | ng | 1667920 | 3 | 14.410 | 2185620 | 20.0 |
| Cyclopentaneace... | 15.781 | 3.1 | ng | 342015 | 3 | 14.410 | 2185620 | 20.0 |
| 7,9-Di-tert-but... | 17.839 | 2.3 | ng | 316921 | 4 | 17.175 | 2729430 | 20.0 |