LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

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_M\Methods\8270-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033298.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.048 | 286 | 291 | 303 | rVB | 200389 | 309154 | 3.43% | 0.550% |
| 2 | 5.519 | 364 | 371 | 383 | rBV | 1477865 | 2310906 | 25.63% | 4.109% |
| 3 | 6.119 | 468 | 473 | 480 | rVB | 64735 | 100565 | 1.12% | 0.179% |
| 4 | 7.107 | 631 | 641 | 652 | rBV | 914852 | 1597876 | 17.72% | 2.841% |
| 5 | 7.925 | 773 | 780 | 788 | rBV | 514509 | 840017 | 9.32% | 1.494% |
| 6 | 8.295 | 837 | 843 | 853 | rBV | 52128 | 91929 | 1.02% | 0.163% |
| 7 | 8.407 | 855 | 862 | 868 | rBV | 317598 | 512608 | 5.68% | 0.912% |
| 8 | 8.560 | 881 | 888 | 893 | rBV2 | 253597 | 447139 | 4.96% | 0.795% |
| 9 | 8.724 | 909 | 916 | 924 | rBV | 166929 | 275917 | 3.06% | 0.491% |
| 10 | 9.024 | 956 | 967 | 972 | rBV2 | 224369 | 396165 | 4.39% | 0.704% |
| 11 | 9.089 | 972 | 978 | 988 | rVB | 2037278 | 3643962 | 40.41% | 6.480% |
| 12 | 9.548 | 1050 | 1056 | 1061 | rVV | 432528 | 679366 | 7.53% | 1.208% |
| 13 | 9.607 | 1061 | 1066 | 1072 | rVB | 140527 | 224178 | 2.49% | 0.399% |
| 14 | 9.807 | 1092 | 1100 | 1104 | rBV | 79764 | 129142 | 1.43% | 0.230% |
| 15 | 9.913 | 1111 | 1118 | 1124 | rBV2 | 84959 | 159239 | 1.77% | 0.283% |
| 16 | 10.001 | 1129 | 1133 | 1138 | rVB | 58462 | 95786 | 1.06% | 0.170% |
| 17 | 10.119 | 1146 | 1153 | 1159 | rBV2 | 135020 | 236290 | 2.62% | 0.420% |
| 18 | 10.183 | 1159 | 1164 | 1171 | rVB2 | 54868 | 96292 | 1.07% | 0.171% |
| 19 | 10.295 | 1175 | 1183 | 1188 | rBV4 | 47142 | 94766 | 1.05% | 0.169% |
| 20 | 10.413 | 1198 | 1203 | 1211 | rVB | 95860 | 162549 | 1.80% | 0.289% |
| 21 | 10.724 | 1242 | 1256 | 1260 | rBV2 | 676230 | 1753302 | 19.44% | 3.118% |
| 22 | 10.830 | 1269 | 1274 | 1282 | rVB | 226469 | 394856 | 4.38% | 0.702% |
| 23 | 10.930 | 1282 | 1291 | 1298 | rVB | 90608 | 151285 | 1.68% | 0.269% |
| 24 | 11.377 | 1362 | 1367 | 1372 | rBV | 86280 | 123584 | 1.37% | 0.220% |
| 25 | 11.630 | 1403 | 1410 | 1417 | rBV | 183355 | 311288 | 3.45% | 0.554% |
| 26 | 11.824 | 1436 | 1443 | 1448 | rBV | 95671 | 162669 | 1.80% | 0.289% |
| 27 | 12.077 | 1481 | 1486 | 1499 | rVV2 | 214585 | 710843 | 7.88% | 1.264% |
| 28 | 12.348 | 1526 | 1532 | 1544 | rVB2 | 56578 | 123136 | 1.37% | 0.219% |
| 29 | 12.601 | 1566 | 1575 | 1584 | rVB7 | 35053 | 106242 | 1.18% | 0.189% |
| 30 | 13.177 | 1664 | 1673 | 1682 | rBV | 4258934 | 6580458 | 72.98% | 11.702% |
| 31 | 13.848 | 1779 | 1787 | 1797 | rBV3 | 28796 | 99843 | 1.11% | 0.178% |
| 32 | 14.548 | 1900 | 1906 | 1915 | rVB | 973469 | 1472773 | 16.33% | 2.619% |
| 33 | 16.036 | 2152 | 2159 | 2169 | rBV | 3359059 | 4895282 | 54.29% | 8.705% |
| 34 | 17.289 | 2365 | 2372 | 2378 | rBV | 1175739 | 1700474 | 18.86% | 3.024% |
| 35 | 18.171 | 2517 | 2522 | 2532 | rBV | 564286 | 841856 | 9.34% | 1.497% |
| 36 | 19.447 | 2734 | 2739 | 2753 | rBV | 587936 | 972747 | 10.79% | 1.730% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

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_M\Methods\8270-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 19.718 | 2779 | 2785 | 2810 | rBV | 5594289 | 9017062 | 100.00% | 16.035% |
| 38 | 19.900 | 2810 | 2816 | 2822 | rVB | 7157824 | 8930337 | 99.04% | 15.881% |
| 39 | 21.147 | 3025 | 3028 | 3037 | rVB4 | 271142 | 396616 | 4.40% | 0.705% |
| 40 | 21.224 | 3038 | 3041 | 3046 | rVB | 120931 | 148260 | 1.64% | 0.264% |
| 41 | 21.447 | 3074 | 3079 | 3085 | rBV | 1376027 | 1839336 | 20.40% | 3.271% |
| 42 | 23.782 | 3470 | 3476 | 3483 | rVB2 | 908265 | 1815047 | 20.13% | 3.228% |
| 43 | 24.118 | 3528 | 3533 | 3543 | rVB | 637442 | 1283458 | 14.23% | 2.282% |

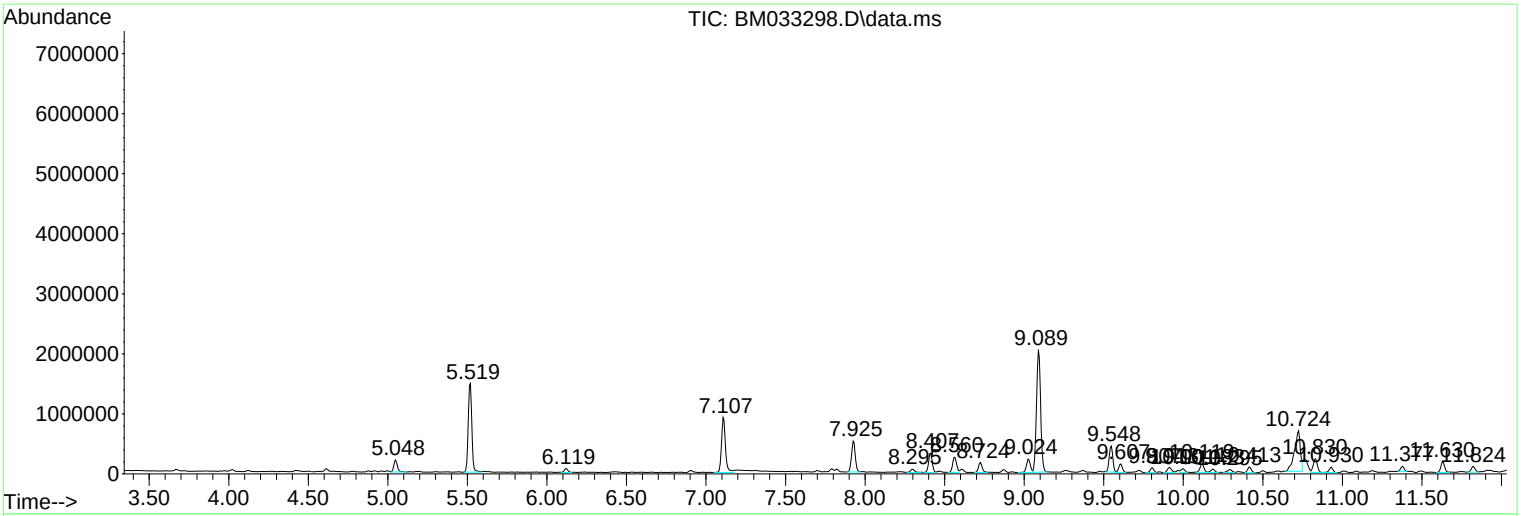
Sum of corrected areas: 56234600

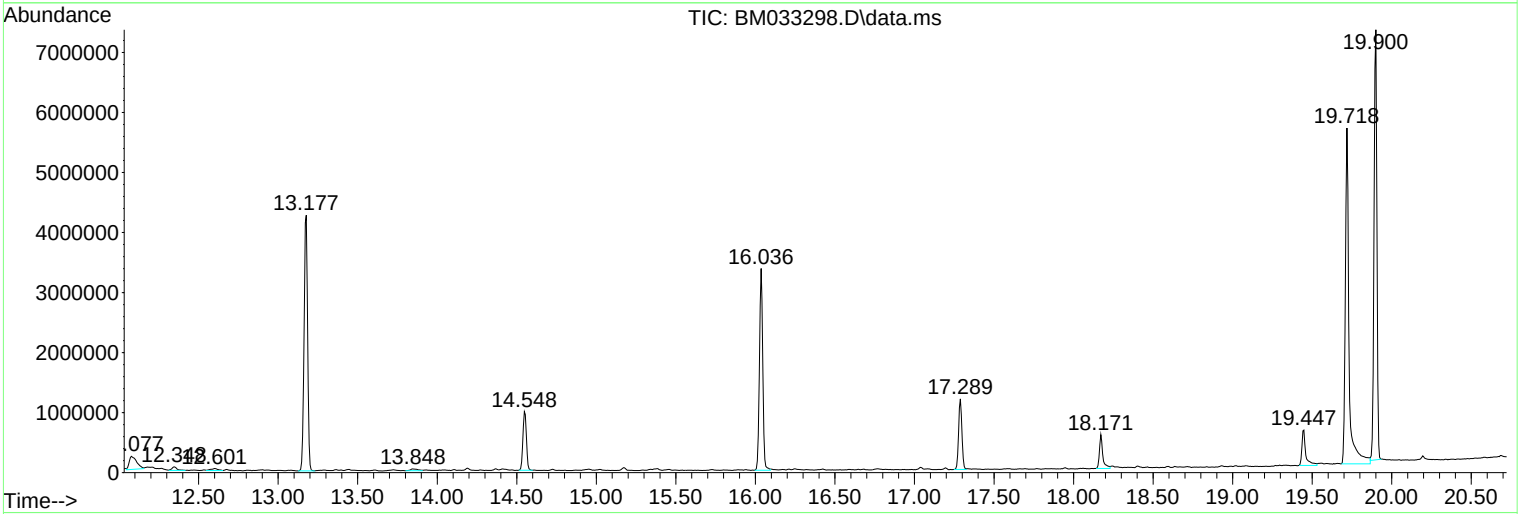
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

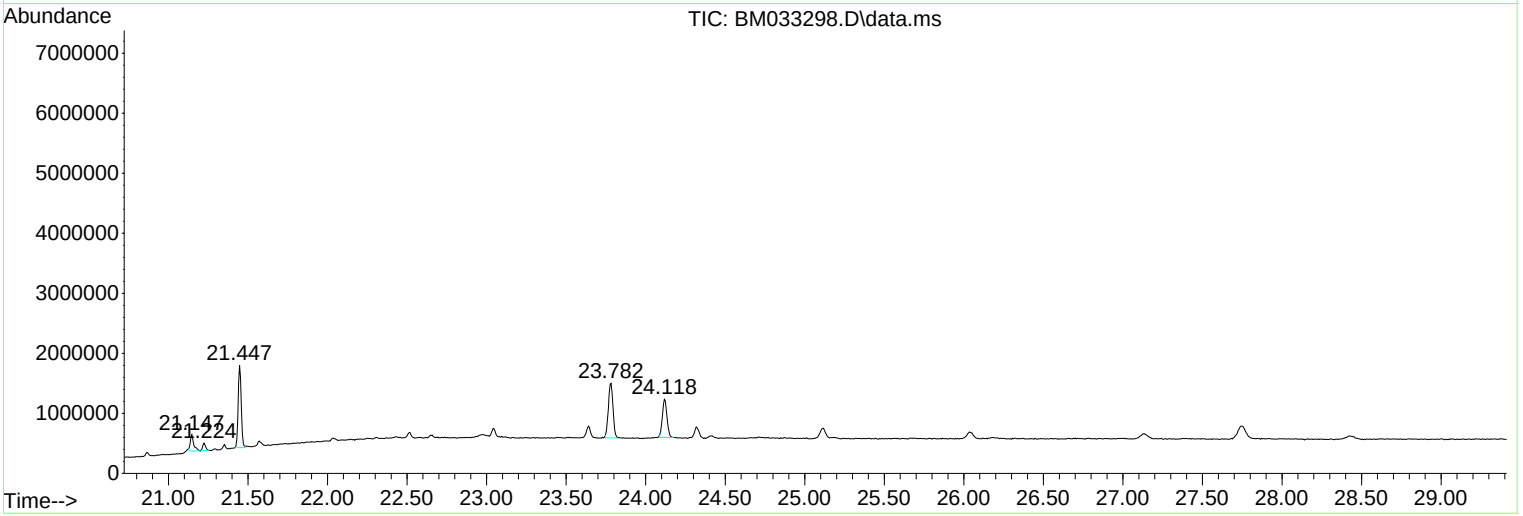
**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

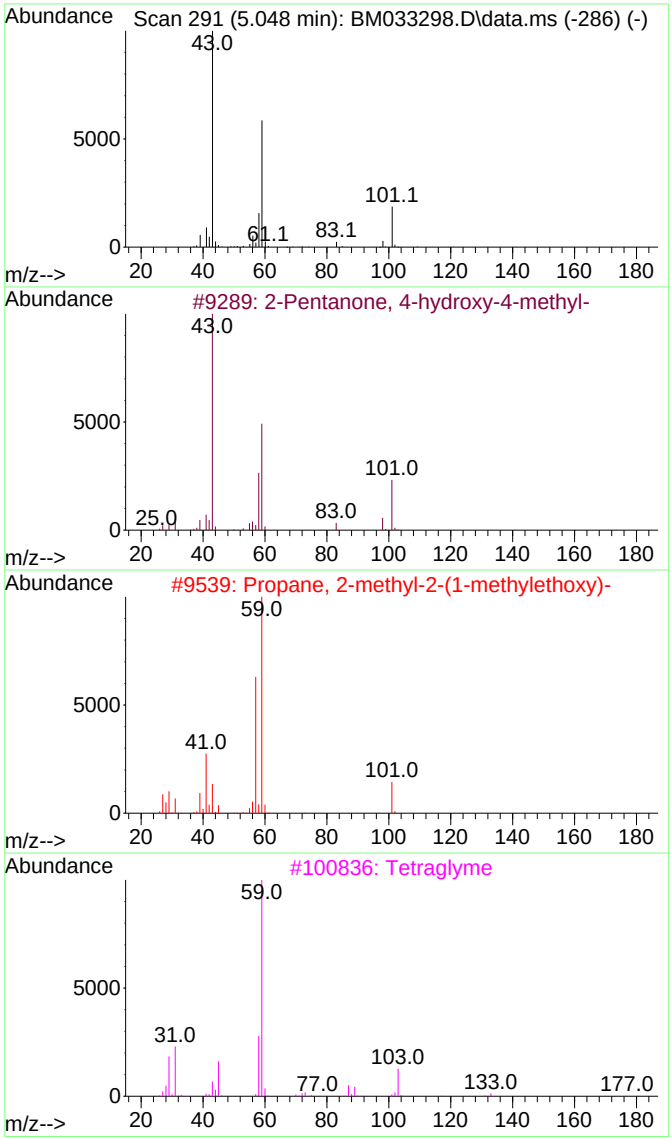
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

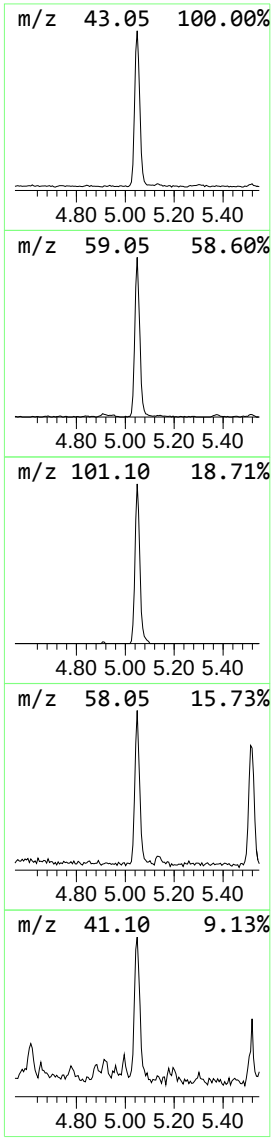
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.048 | 7.36 ng | 309154 | 1,4-Dichlorobenzene-d4 | 7.930 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 33 |
| 3 | Tetraglyme | 222 | C10H22O5 | 000143-24-8 | 28 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

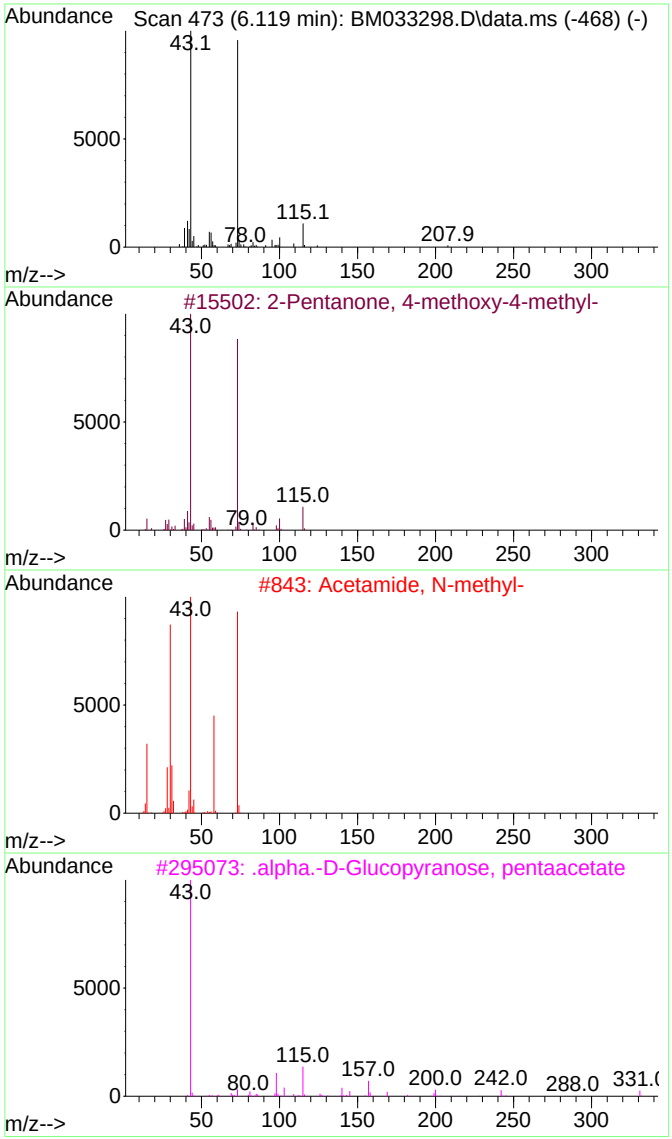
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

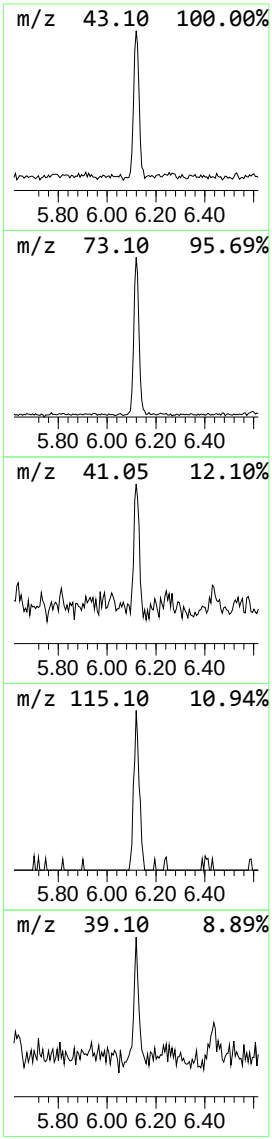
**********

Peak Number 2 unknown6.119 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.119 | 2.39 ng | 100565 | 1,4-Dichlorobenzene-d4 | 7.930 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-methoxy-4-methyl- | 130 | C7H14O2 | 000107-70-0 | 59 |
| 2 | Acetamide, N-methyl- | 73 | C3H7NO | 000079-16-3 | 43 |
| 3 | .alpha.-D-Glucopyranose, pentaac... | 390 | C16H22O11 | 000604-68-2 | 23 |
| 4 | 1-Methoxyethanimine, N-acetyl- | 115 | C5H9NO2 | 099028-43-0 | 17 |
| 5 | d-Arabinal | 116 | C5H8O3 | 000496-61-7 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

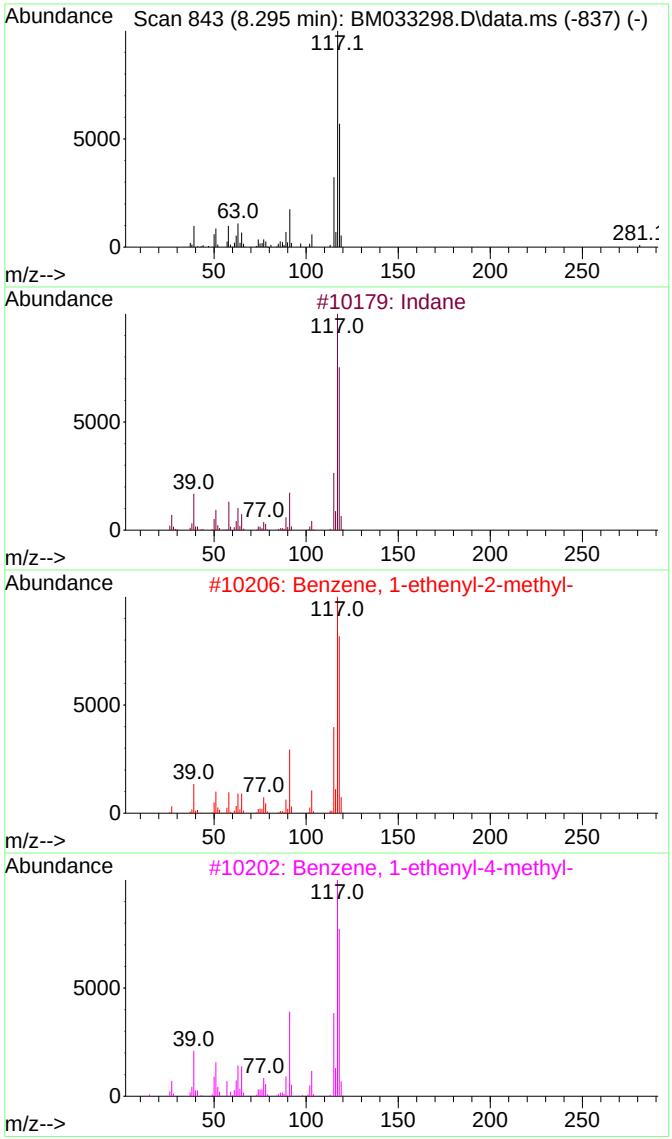
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

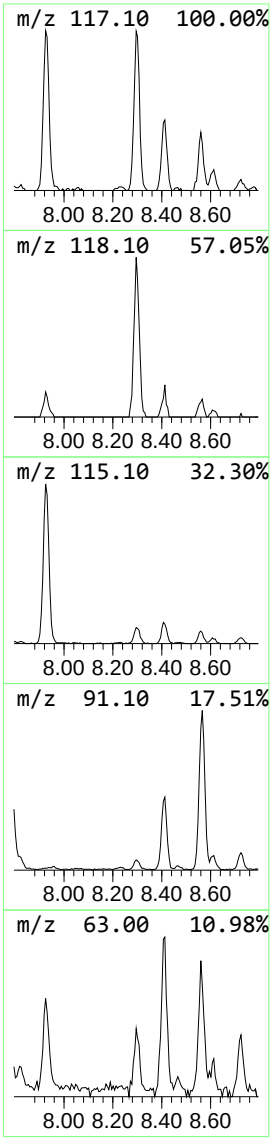
**********

Peak Number 3 Indane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.295 | 2.19 ng | 91929 | 1,4-Dichlorobenzene-d4 | 7.930 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 96 |
| 2 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 91 |
| 3 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 83 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 81 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

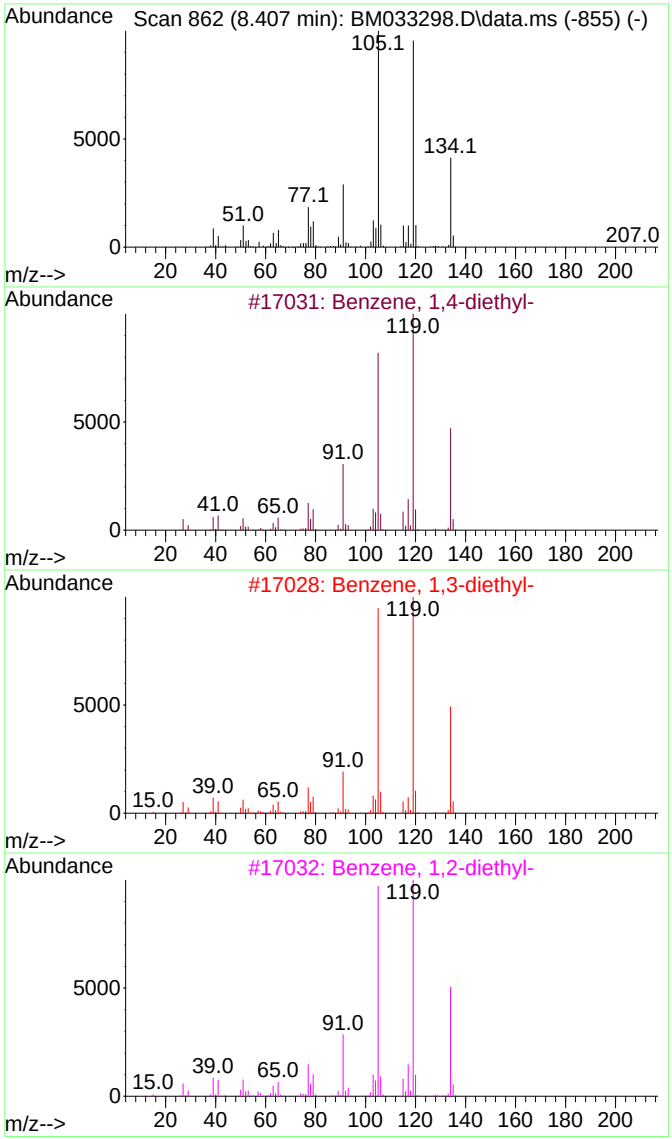
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

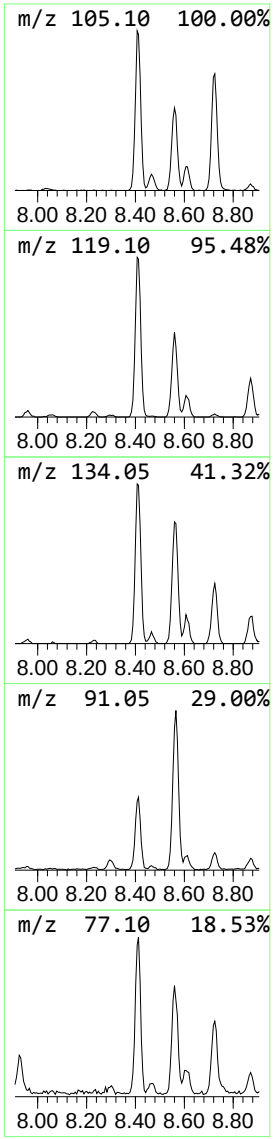
**********

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.407 | 12.20 ng | 512608 | 1,4-Dichlorobenzene-d4 | 7.930 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 97 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 3 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 93 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

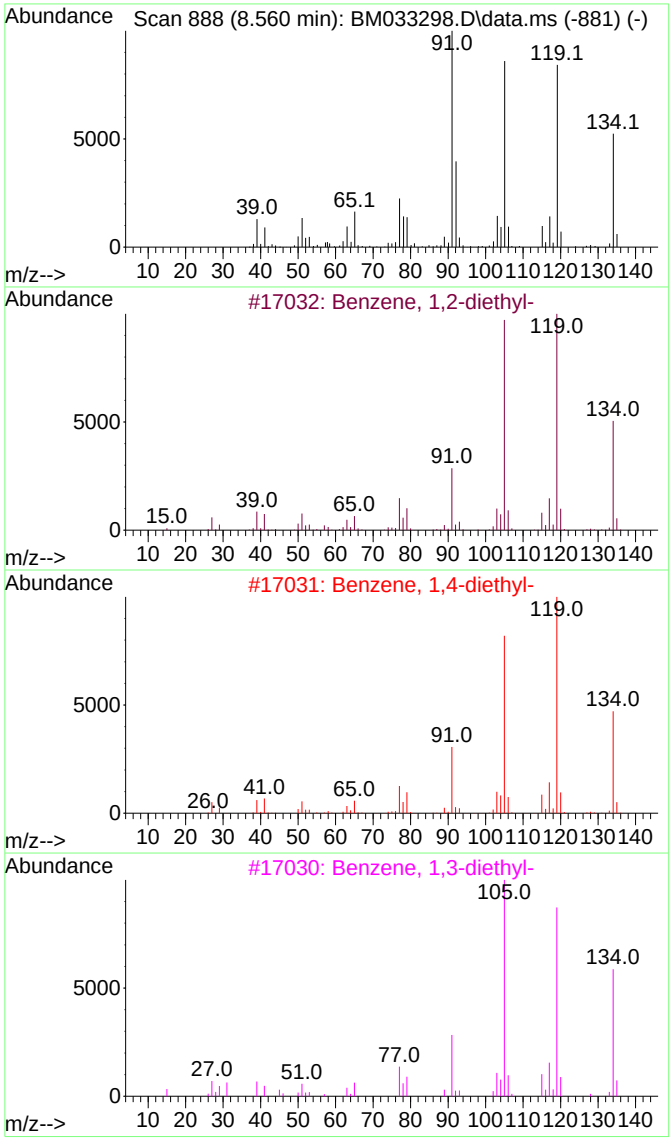
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

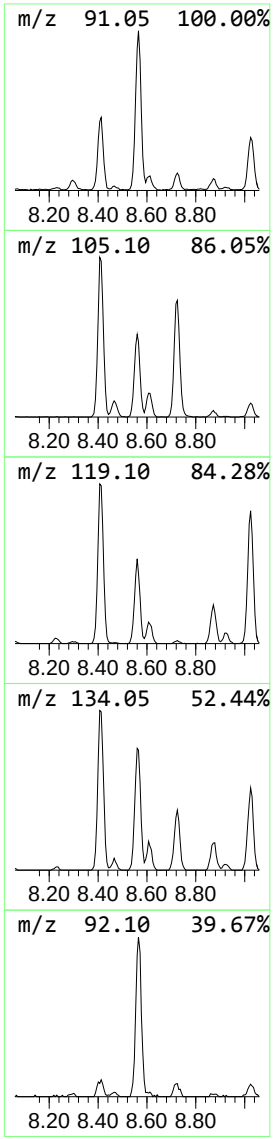
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.560 | 10.65 ng | 447139 | 1,4-Dichlorobenzene-d4 | 7.930 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 2 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 95 |
| 3 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 93 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 76 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

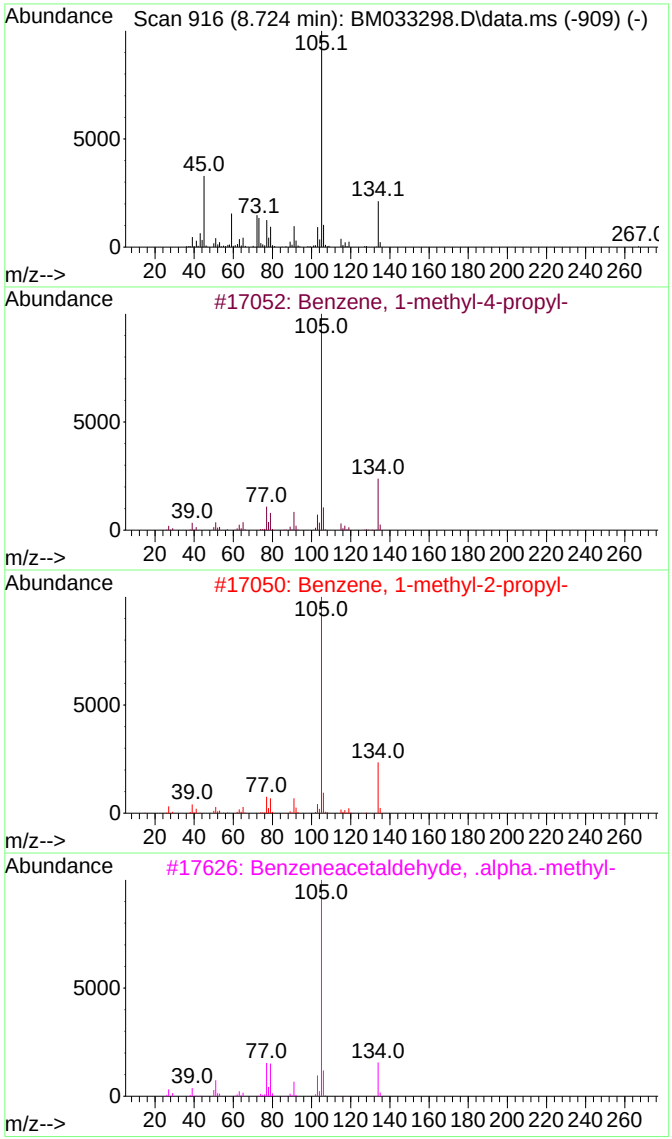
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

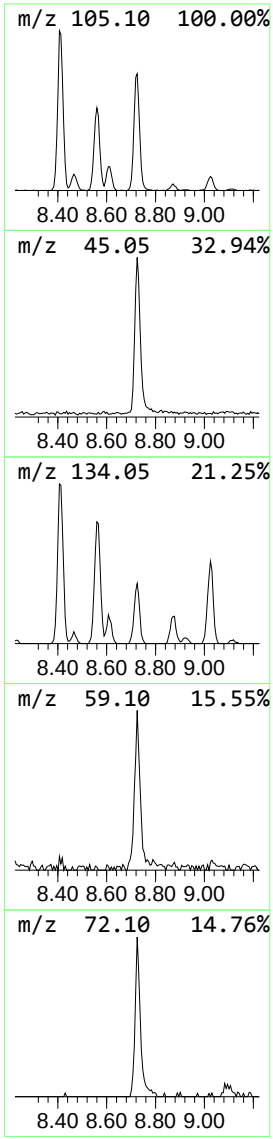
**********

Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.724 | 6.57 ng | 275917 | 1,4-Dichlorobenzene-d4 | 7.930 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 90 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 55 |
| 3 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 53 |
| 4 | 2-Tolyloxirane | 134 | C9H10O | 002783-26-8 | 50 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

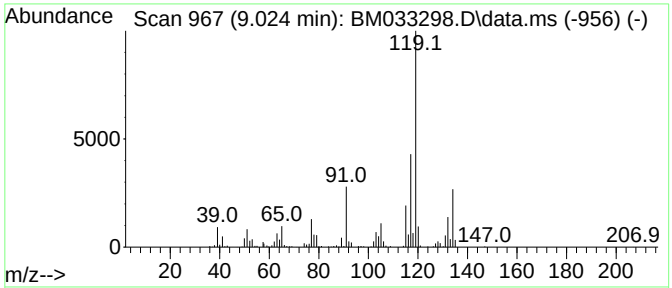
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

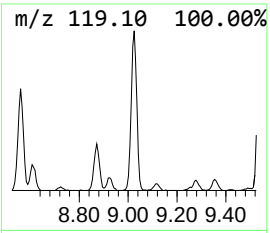
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

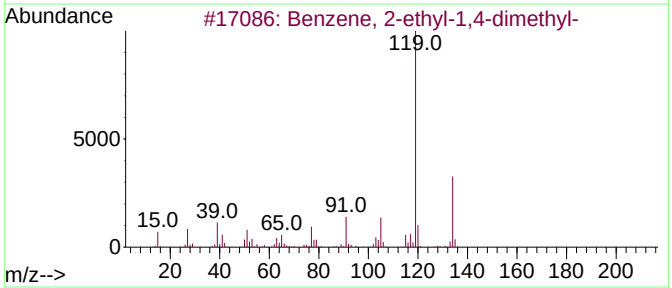
**********
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

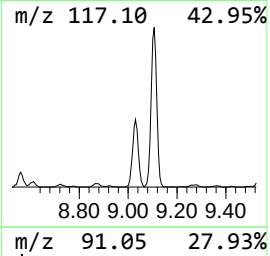
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.024 | 9.43 ng | 396165 | 1,4-Dichlorobenzene-d4 | 7.930 |

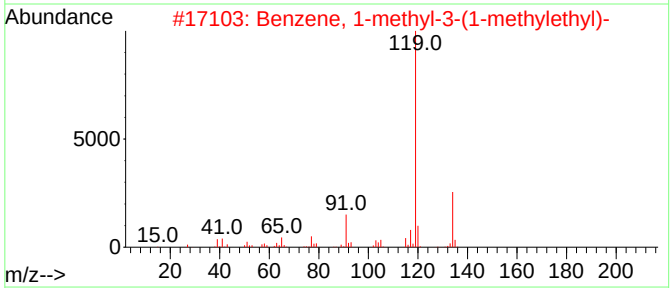
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 64 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 64 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 64 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 60 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |

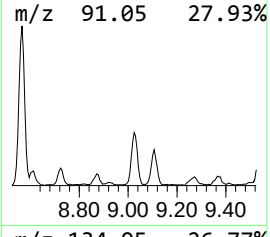


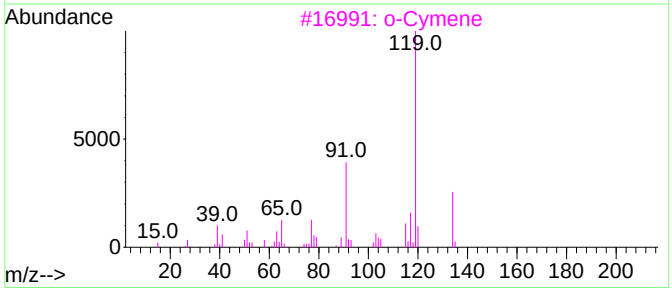



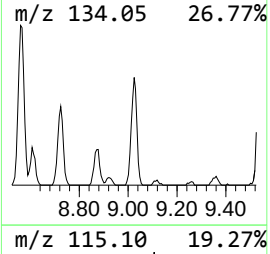



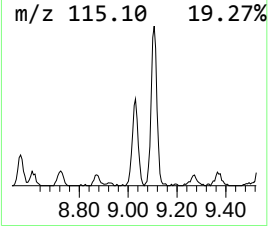



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

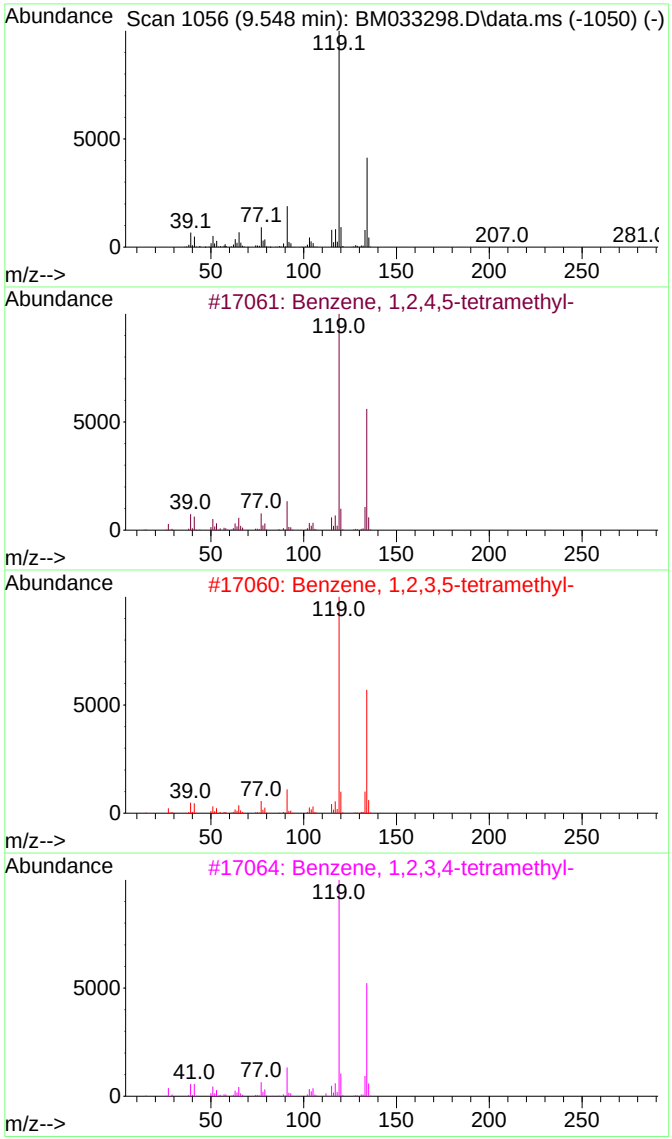
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

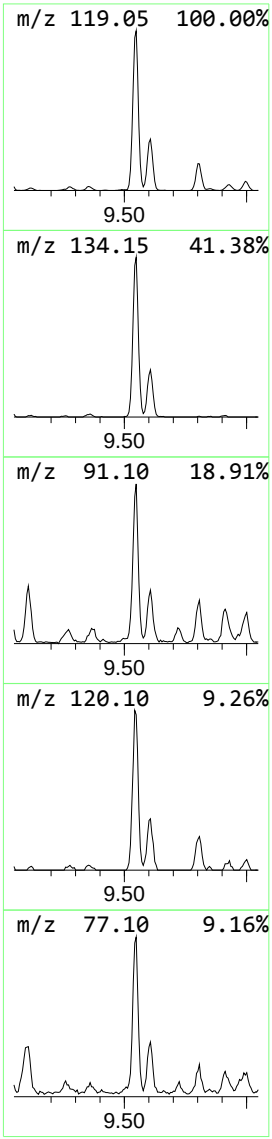
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.548 | 7.75 ng | 679366 | Naphthalene-d8 | 10.724 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

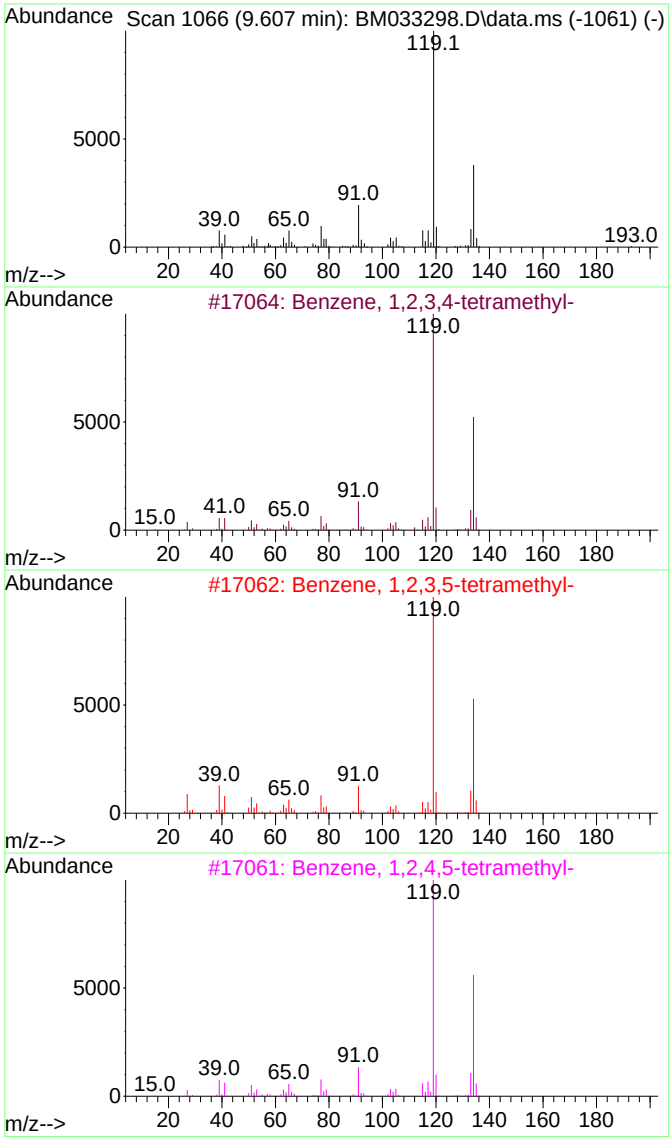
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

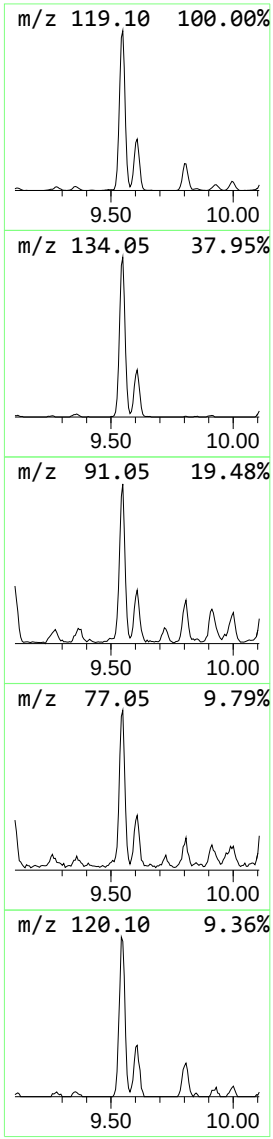
**********

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.607 | 2.56 ng | 224178 | Naphthalene-d8 | 10.724 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 96 |
| 2 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 95 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |



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Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

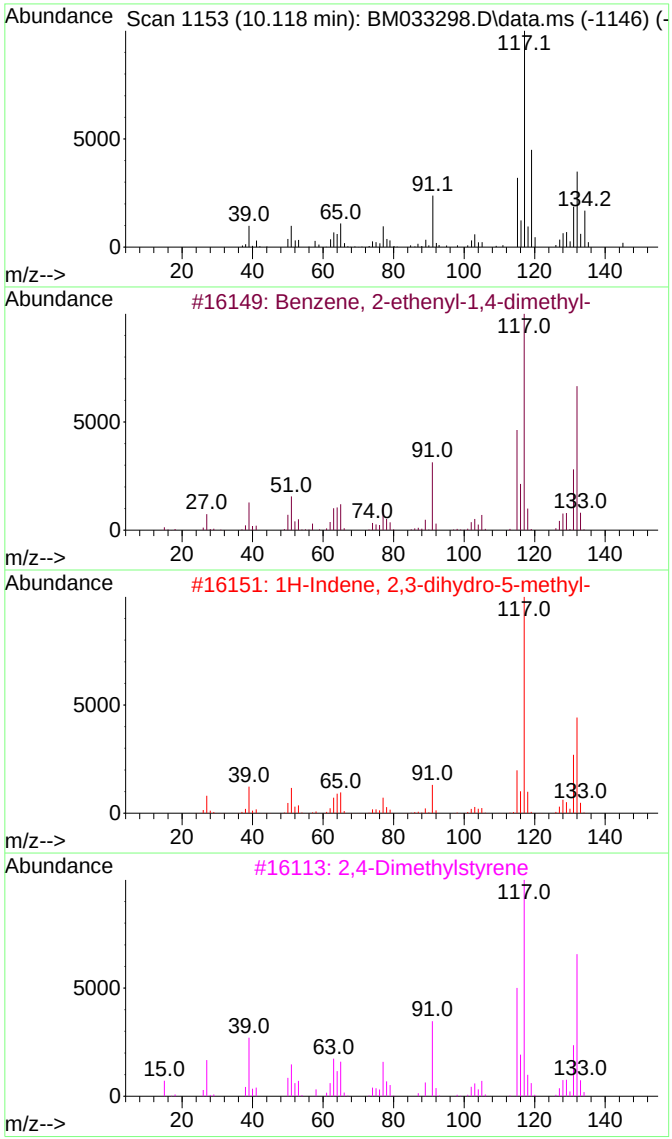
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

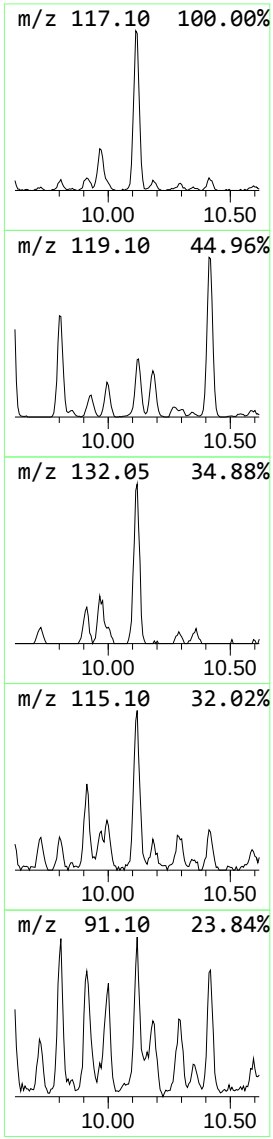
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.118 | 2.70 ng | 236290 | Naphthalene-d8 | 10.724 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 95 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 92 |
| 3 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 90 |
| 4 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 76 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 76 |



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Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

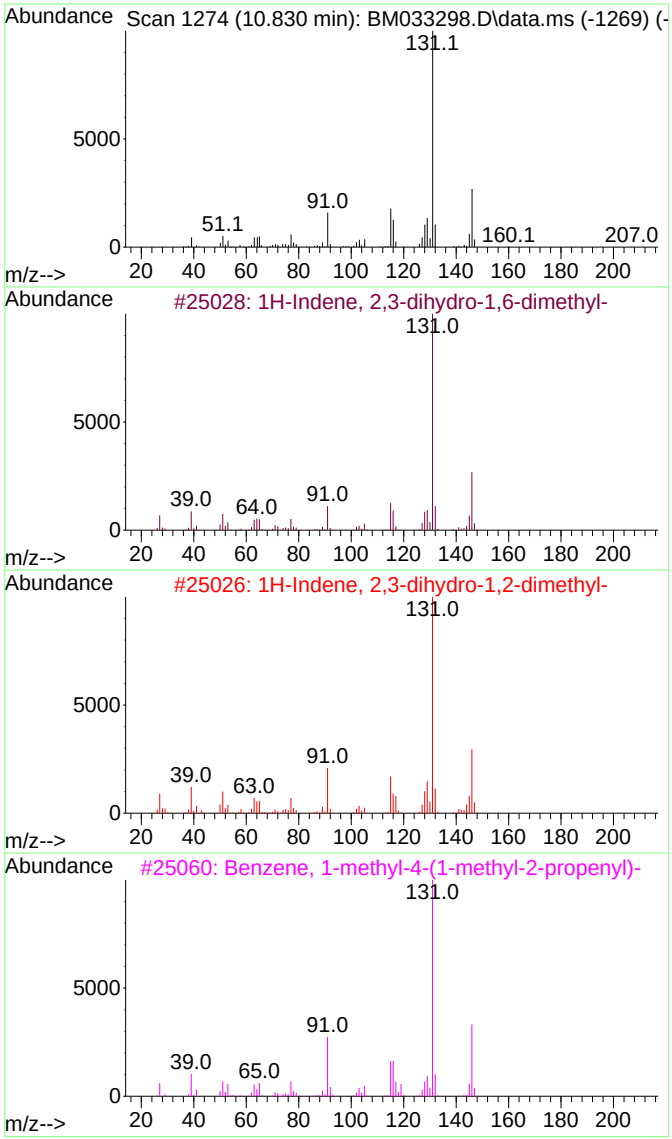
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

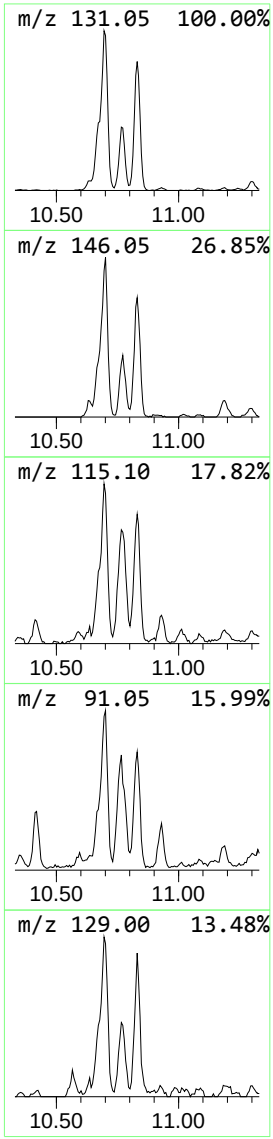
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.830 | 4.50 ng | 394856 | Naphthalene-d8 | 10.724 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14 | 017059-48-2 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 94 |
| 3 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 94 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 94 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 94 |



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Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

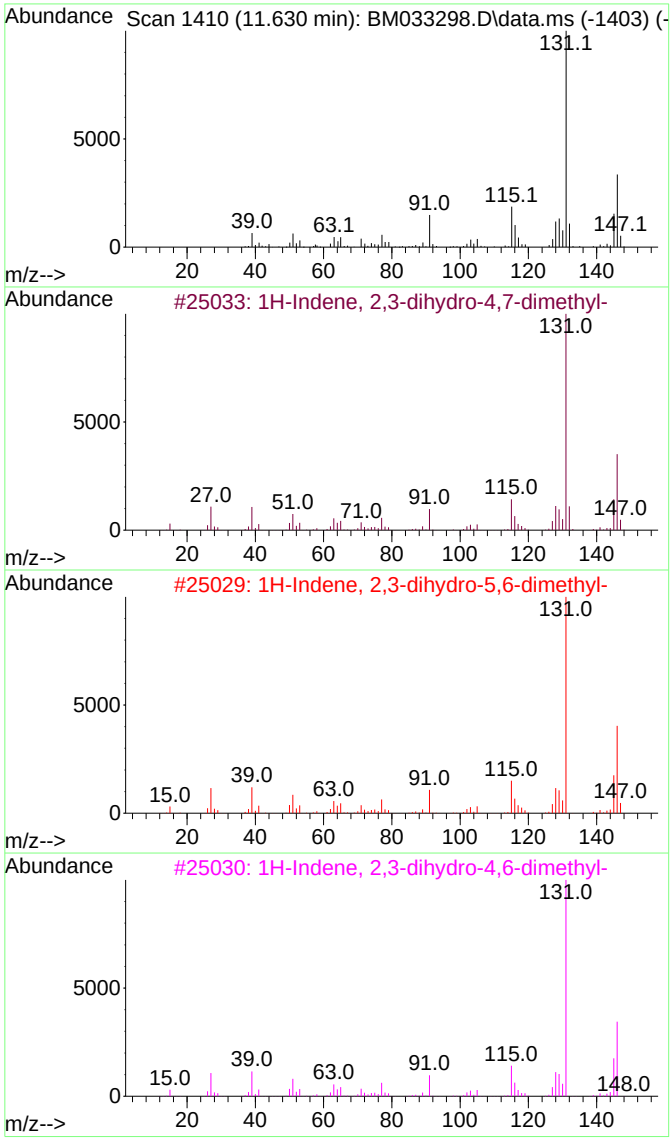
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

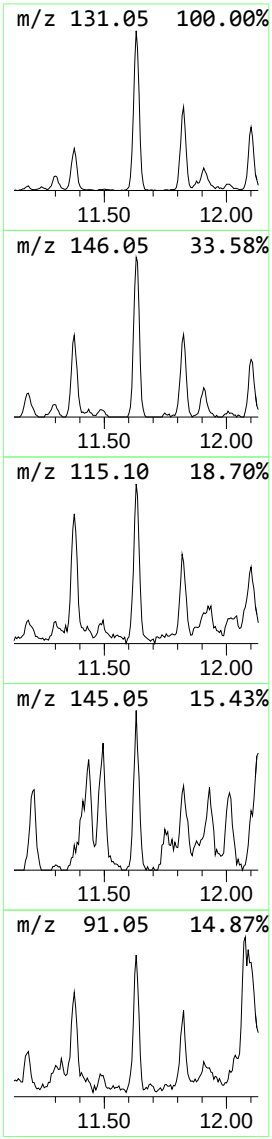
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.630 | 3.55 ng | 311288 | Naphthalene-d8 | 10.724 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 97 |
| 2 | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14 | 001075-22-5 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146 | C11H14 | 001685-82-1 | 93 |
| 4 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 93 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 93 |



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Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

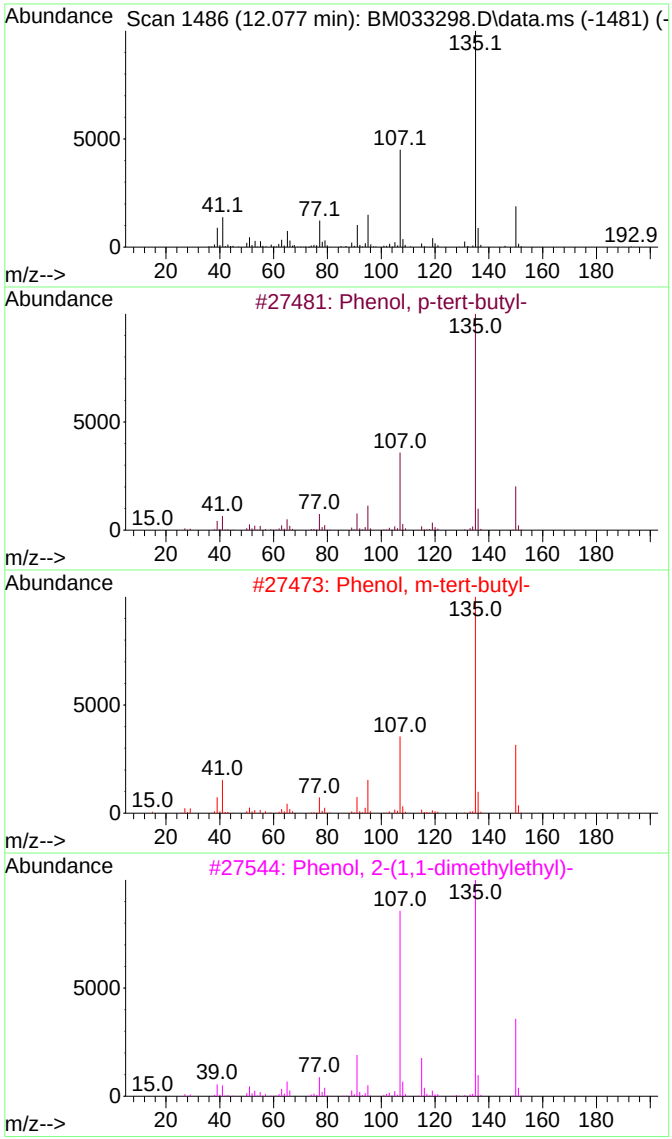
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

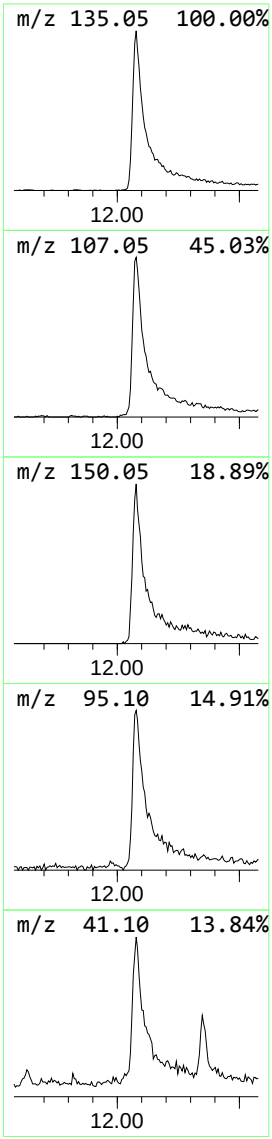
**********

Peak Number 13 Phenol, p-tert-butyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.077 | 8.11 ng | 710843 | Naphthalene-d8 | 10.724 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 94 |
| 2 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 78 |
| 3 | Phenol, 2-(1,1-dimethylethyl)- | 150 | C10H14O | 000088-18-6 | 72 |
| 4 | Ethanone, 1-(2-hydroxy-5-methylp... | 150 | C9H10O2 | 001450-72-2 | 59 |
| 5 | 1-Propanone, 1-(3-methoxyphenyl)- | 164 | C10H12O2 | 037951-49-8 | 59 |



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Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

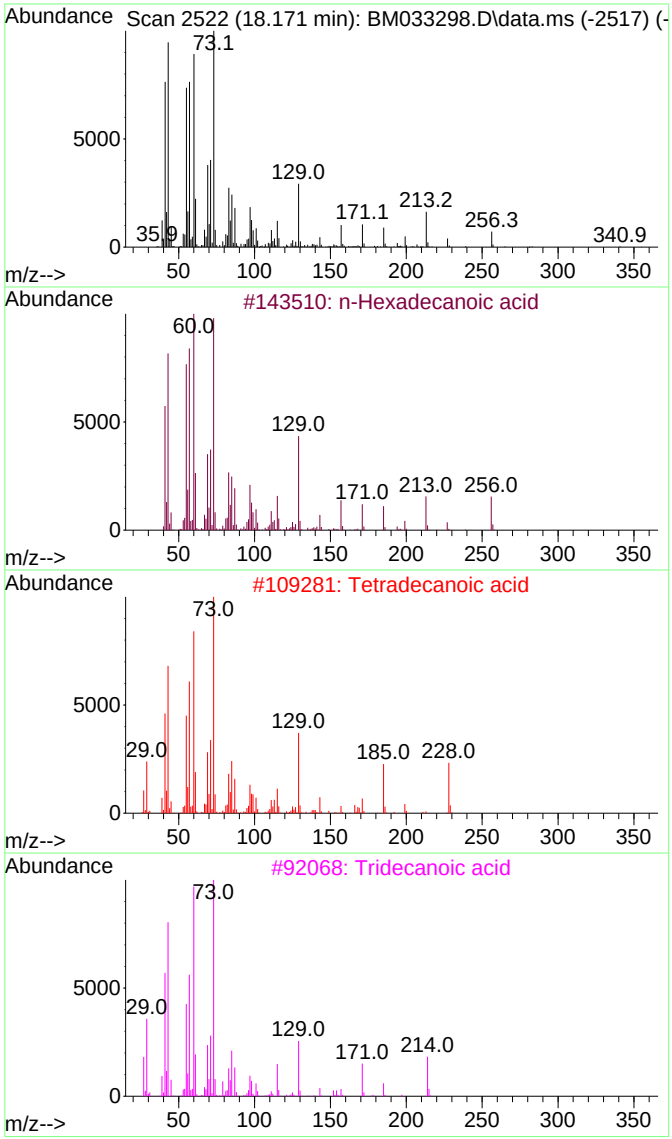
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

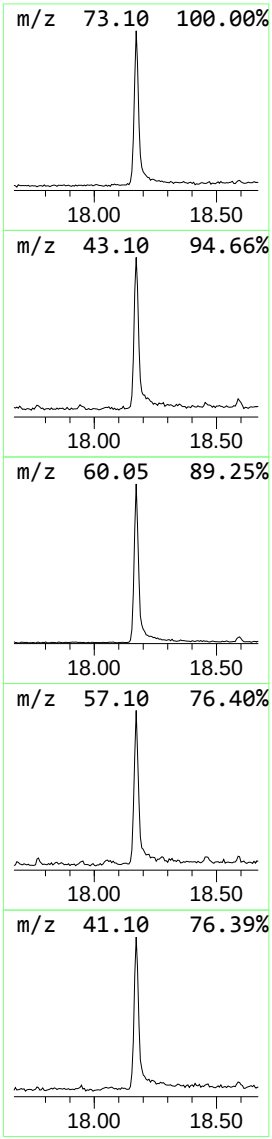
**********

Peak Number 14 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.171 | 9.90 ng | 841856 | Phenanthrene-d10 | 17.289 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 95 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |



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Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

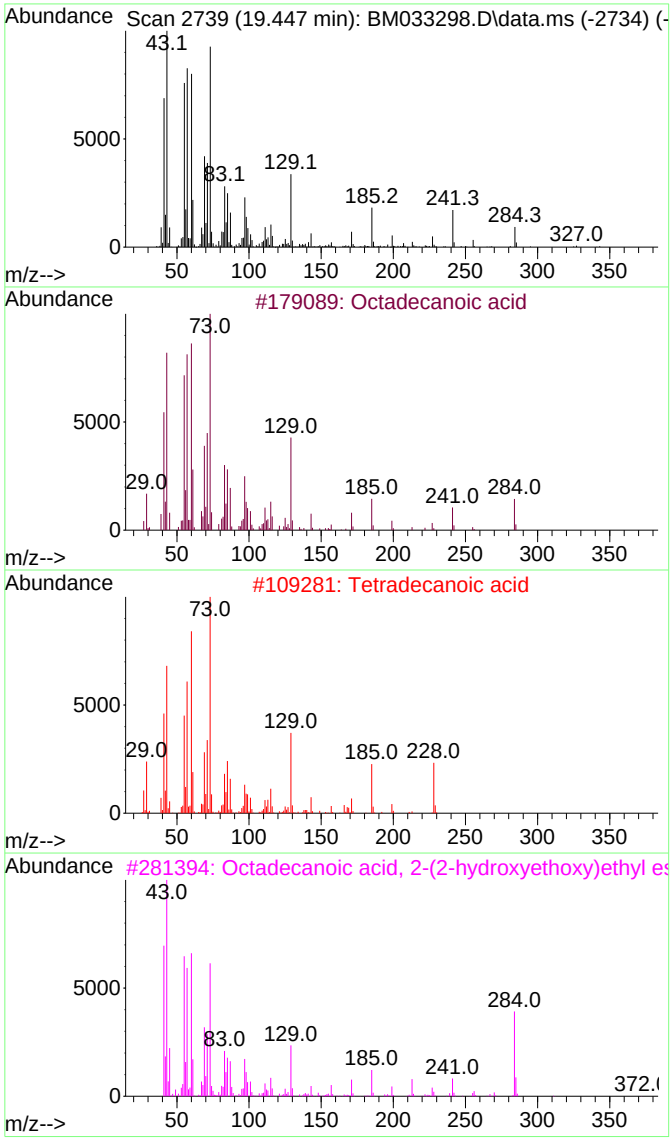
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

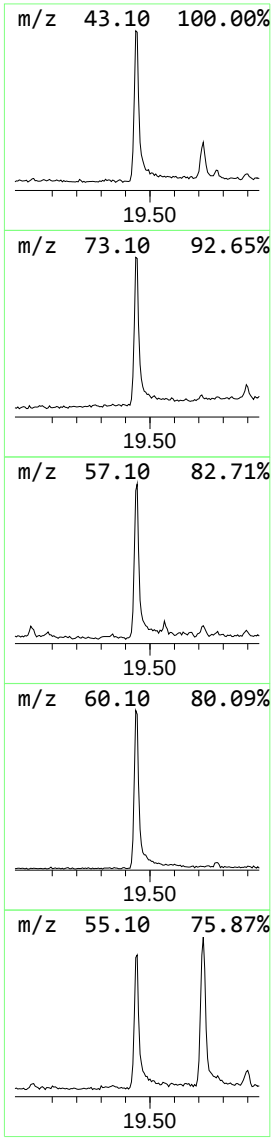
**********

Peak Number 15 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.447 | 10.58 ng | 972747 | Chrysene-d12 | 21.447 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 87 |
| 3 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 87 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 72 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

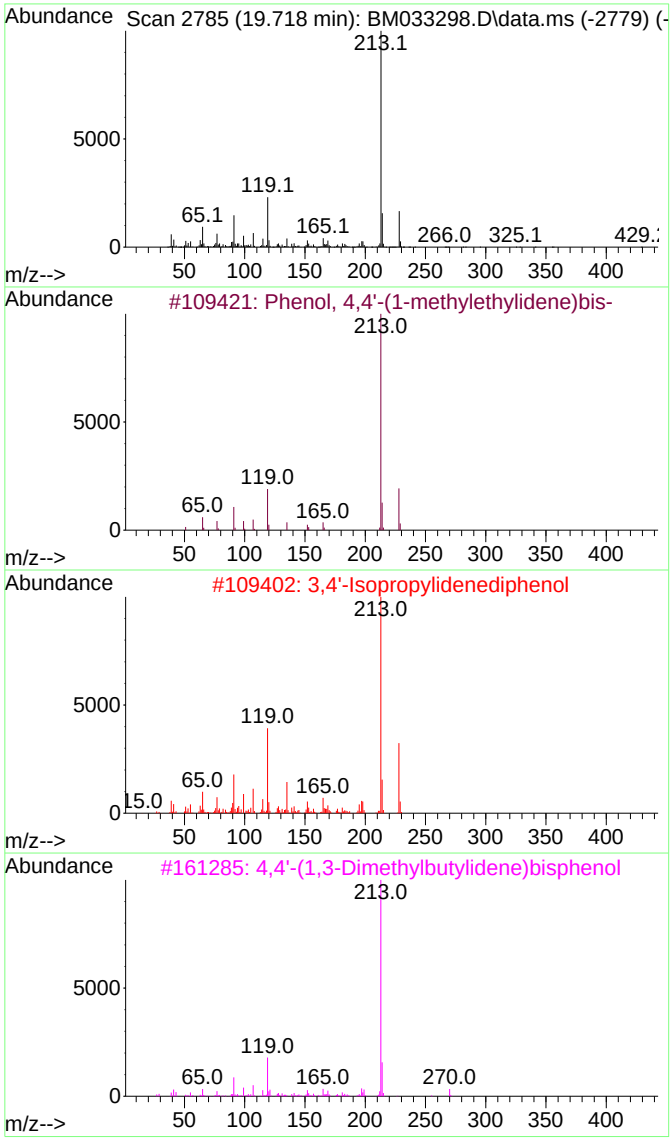
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

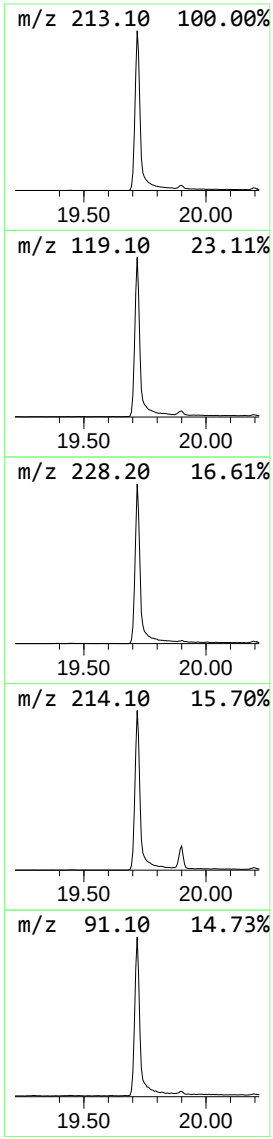
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.718 | 98.05 ng | 9017060 | Chrysene-d12 | 21.447 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 98 |
| 2 | 3,4'-Isopropylidenediphenol | 228 | C15H16O2 | 046765-25-7 | 78 |
| 3 | 4,4'-(1,3-Dimethylbutylidene)bis... | 270 | C18H22O2 | 006807-17-6 | 74 |
| 4 | Diphenolic acid | 286 | C17H18O4 | 000126-00-1 | 64 |
| 5 | 2H,8H-Benzo[1,2-b:5,4-b']dipyran... | 228 | C14H12O3 | 000553-19-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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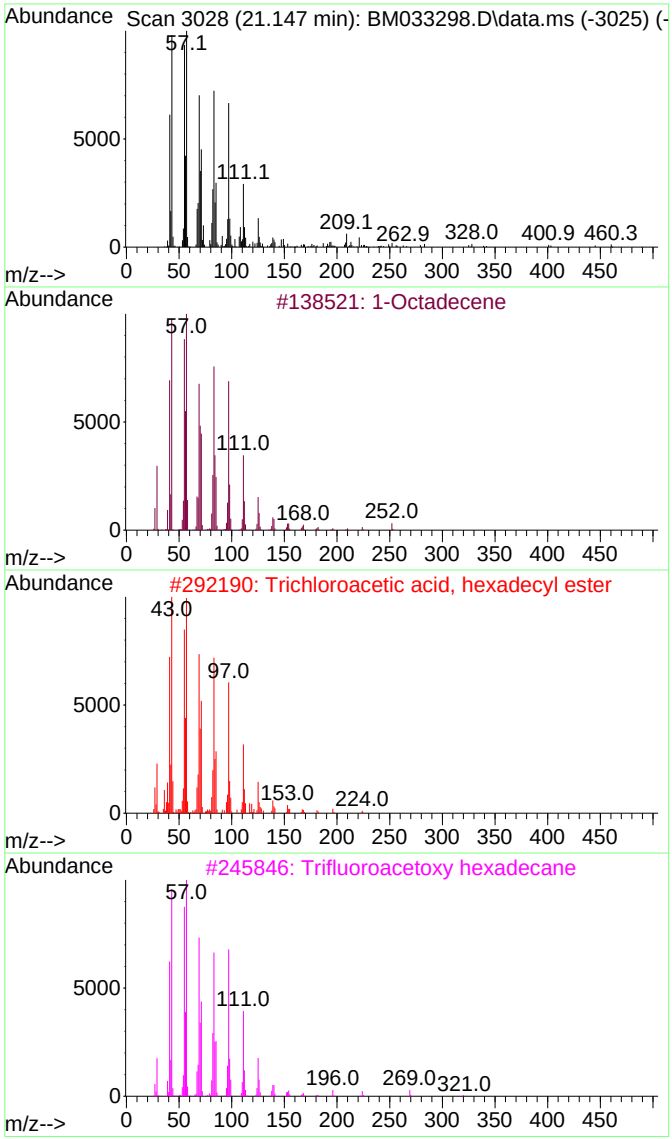
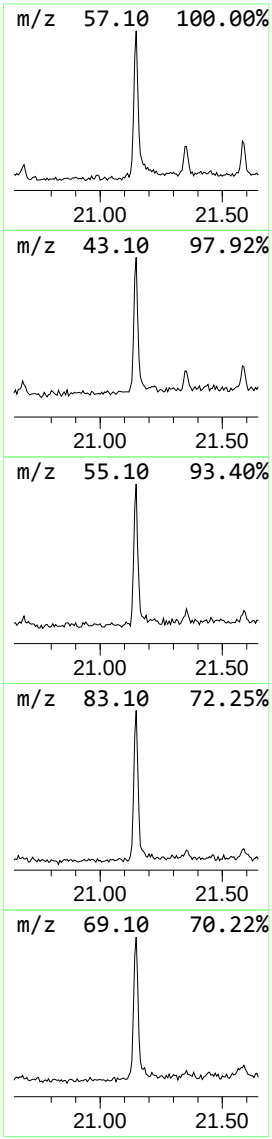
Peak Number 17 1-Octadecene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.147 | 4.31 ng | 396616 | Chrysene-d12 | 21.447 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 95 |
| 2 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94 |
| 3 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |
| 4 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 93 |
| 5 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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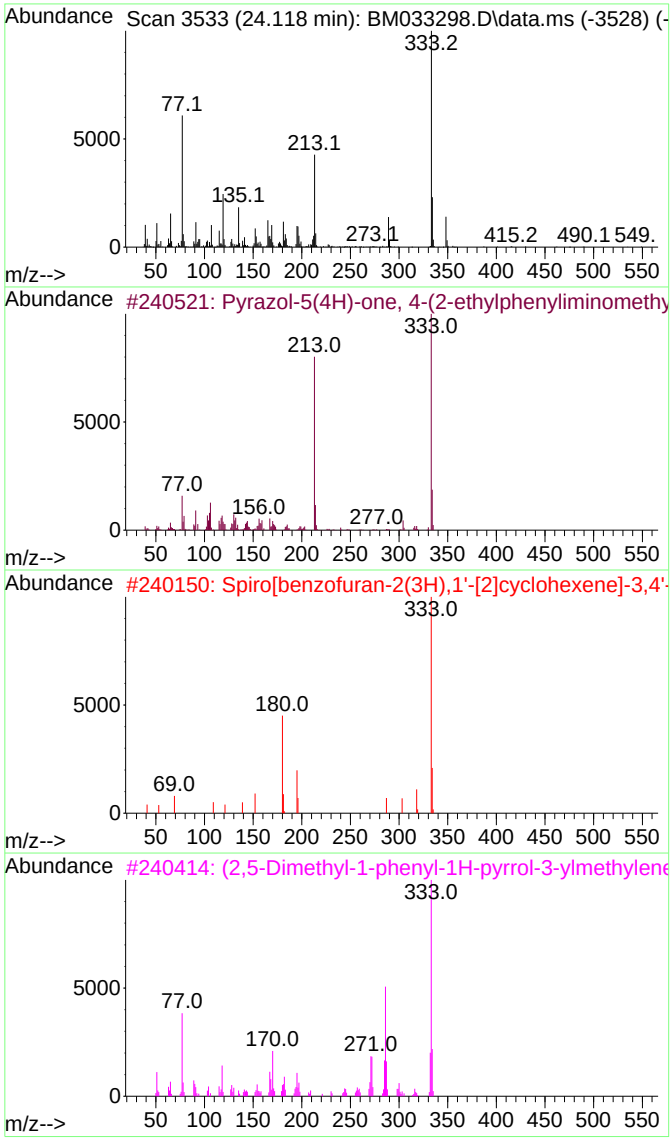
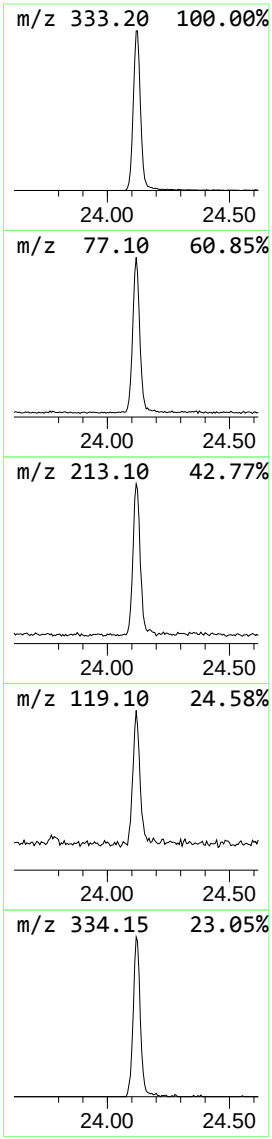
Peak Number 18 unknown24.118 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.118 | 14.14 ng | 1283460 | Perylene-d12 | 23.776 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrazol-5(4H)-one, 4-(2-ethylphe... | 333 | C21H23N3O | 1000265-26-9 | 47 |
| 2 | Spiro[benzofuran-2(3H),1'-[2]cyc... | 333 | C17H19NO6 | 1000148-90-0 | 38 |
| 3 | (2,5-Dimethyl-1-phenyl-1H-pyrrol... | 333 | C20H19N3O2 | 1000306-74-3 | 37 |
| 4 | Methanol 4,4',4"-trimethoxytrity... | 364 | C23H24O4 | 085013-34-9 | 35 |
| 5 | 1-(4-Fluorophenyl)-4-(3-methoxyp... | 333 | C20H16FN3O | 1000482-12-3 | 35 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033298.D
Acq On : 03 Dec 2021 22:13
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.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 |
| 2-Pentanone, 4-... | 5.048 | 7.4 | ng | 309154 | 1 | 7.930 | 840017 | 20.0 |
| unknown6.119 | 6.119 | 2.4 | ng | 100565 | 1 | 7.930 | 840017 | 20.0 |
| Indane | 8.295 | 2.2 | ng | 91929 | 1 | 7.930 | 840017 | 20.0 |
| Benzene, 1,4-di... | 8.407 | 12.2 | ng | 512608 | 1 | 7.930 | 840017 | 20.0 |
| Benzene, 1,2-di... | 8.560 | 10.7 | ng | 447139 | 1 | 7.930 | 840017 | 20.0 |
| Benzene, 1-meth... | 8.724 | 6.6 | ng | 275917 | 1 | 7.930 | 840017 | 20.0 |
| Benzene, 2-ethy... | 9.024 | 9.4 | ng | 396165 | 1 | 7.930 | 840017 | 20.0 |
| Benzene, 1,2,4,... | 9.548 | 7.8 | ng | 679366 | 2 | 10.724 | 1753300 | 20.0 |
| Benzene, 1,2,3,... | 9.607 | 2.6 | ng | 224178 | 2 | 10.724 | 1753300 | 20.0 |
| Benzene, 2-ethe... | 10.118 | 2.7 | ng | 236290 | 2 | 10.724 | 1753300 | 20.0 |
| 1H-Indene, 2,3-... | 10.830 | 4.5 | ng | 394856 | 2 | 10.724 | 1753300 | 20.0 |
| 1H-Indene, 2,3-... | 11.630 | 3.5 | ng | 311288 | 2 | 10.724 | 1753300 | 20.0 |
| Phenol, p-tert-... | 12.077 | 8.1 | ng | 710843 | 2 | 10.724 | 1753300 | 20.0 |
| n-Hexadecanoic ... | 18.171 | 9.9 | ng | 841856 | 4 | 17.289 | 1700470 | 20.0 |
| Octadecanoic acid | 19.447 | 10.6 | ng | 972747 | 5 | 21.447 | 1839340 | 20.0 |
| Phenol, 4,4'-(1... | 19.718 | 98.0 | ng | 9017060 | 5 | 21.447 | 1839340 | 20.0 |
| 1-Octadecene | 21.147 | 4.3 | ng | 396616 | 5 | 21.447 | 1839340 | 20.0 |
| unknown24.118 | 24.118 | 14.1 | ng | 1283460 | 6 | 23.776 | 1815050 | 20.0 |