LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** KTS1-MH-02-0-15

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: BP009066.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.017 | 3 | 5 | 13 | rVB | 337011 | 351303 | 4.70% | 0.393% |
| 2 | 3.528 | 85 | 92 | 100 | rVB | 66193 | 109475 | 1.46% | 0.122% |
| 3 | 4.005 | 169 | 173 | 184 | rVB | 133700 | 193971 | 2.60% | 0.217% |
| 4 | 4.352 | 228 | 232 | 241 | rVB | 106965 | 152227 | 2.04% | 0.170% |
| 5 | 5.393 | 403 | 409 | 416 | rBV | 2240319 | 3468289 | 46.40% | 3.877% |
| 6 | 5.452 | 416 | 419 | 436 | rVB | 104513 | 261251 | 3.50% | 0.292% |
| 7 | 5.822 | 474 | 482 | 491 | rVB3 | 131016 | 239373 | 3.20% | 0.268% |
| 8 | 6.287 | 553 | 561 | 569 | rBV5 | 46919 | 106800 | 1.43% | 0.119% |
| 9 | 6.787 | 638 | 646 | 651 | rBV4 | 32072 | 80244 | 1.07% | 0.090% |
| 10 | 6.987 | 668 | 680 | 694 | rBV | 1959484 | 3587280 | 47.99% | 4.010% |
| 11 | 7.305 | 726 | 734 | 739 | rVB6 | 37740 | 94521 | 1.26% | 0.106% |
| 12 | 7.393 | 739 | 749 | 752 | rBV8 | 34318 | 87615 | 1.17% | 0.098% |
| 13 | 7.458 | 752 | 760 | 768 | rVB3 | 60983 | 172770 | 2.31% | 0.193% |
| 14 | 7.622 | 781 | 788 | 795 | rBV7 | 29652 | 77496 | 1.04% | 0.087% |
| 15 | 7.728 | 799 | 806 | 811 | rBV4 | 60576 | 114224 | 1.53% | 0.128% |
| 16 | 7.805 | 811 | 819 | 827 | rBV | 570681 | 1056896 | 14.14% | 1.181% |
| 17 | 7.969 | 845 | 847 | 855 | rVB4 | 48322 | 92305 | 1.23% | 0.103% |
| 18 | 8.081 | 861 | 866 | 876 | rVB5 | 52236 | 140837 | 1.88% | 0.157% |
| 19 | 8.281 | 892 | 900 | 905 | rBV7 | 27668 | 82813 | 1.11% | 0.093% |
| 20 | 8.352 | 905 | 912 | 917 | rVV3 | 81398 | 178127 | 2.38% | 0.199% |
| 21 | 8.575 | 939 | 950 | 952 | rBV7 | 34559 | 109565 | 1.47% | 0.122% |
| 22 | 8.863 | 993 | 999 | 1001 | rBV3 | 71758 | 128992 | 1.73% | 0.144% |
| 23 | 8.963 | 1010 | 1016 | 1025 | rBV | 1255918 | 2250603 | 30.11% | 2.516% |
| 24 | 9.040 | 1026 | 1029 | 1039 | rVB5 | 97740 | 272839 | 3.65% | 0.305% |
| 25 | 9.163 | 1040 | 1050 | 1056 | rVB6 | 95680 | 266017 | 3.56% | 0.297% |
| 26 | 9.275 | 1057 | 1069 | 1075 | rBV9 | 84040 | 265903 | 3.56% | 0.297% |
| 27 | 9.334 | 1075 | 1079 | 1083 | rBV3 | 48477 | 84321 | 1.13% | 0.094% |
| 28 | 9.399 | 1086 | 1090 | 1096 | rVV4 | 62692 | 128355 | 1.72% | 0.143% |
| 29 | 9.463 | 1097 | 1101 | 1107 | rVB | 118518 | 204559 | 2.74% | 0.229% |
| 30 | 9.646 | 1128 | 1132 | 1134 | rBV4 | 85661 | 129176 | 1.73% | 0.144% |
| 31 | 9.675 | 1134 | 1137 | 1149 | rVB | 194821 | 429640 | 5.75% | 0.480% |
| 32 | 9.781 | 1149 | 1155 | 1157 | rBV4 | 114176 | 219570 | 2.94% | 0.245% |
| 33 | 9.957 | 1182 | 1185 | 1189 | rBV4 | 52397 | 83366 | 1.12% | 0.093% |
| 34 | 10.052 | 1198 | 1201 | 1207 | rVB7 | 84488 | 141205 | 1.89% | 0.158% |
| 35 | 10.475 | 1269 | 1273 | 1277 | rBV2 | 131847 | 210795 | 2.82% | 0.236% |
| 36 | 10.604 | 1289 | 1295 | 1307 | rVB3 | 700563 | 1485038 | 19.87% | 1.660% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** KTS1-MH-02-0-15

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 | 10.728 | 1313 | 1316 | 1320 | rVB | 157381 | 216953 | 2.90% | 0.243% |
| 38 | 10.799 | 1320 | 1328 | 1335 | rBV5 | 145325 | 541605 | 7.25% | 0.605% |
| 39 | 11.010 | 1360 | 1364 | 1368 | rBV5 | 143707 | 245245 | 3.28% | 0.274% |
| 40 | 11.099 | 1374 | 1379 | 1384 | rBV | 634127 | 995244 | 13.32% | 1.112% |
| 41 | 11.269 | 1404 | 1408 | 1409 | rBV2 | 134422 | 184936 | 2.47% | 0.207% |
| 42 | 11.369 | 1421 | 1425 | 1429 | rBV6 | 173660 | 323422 | 4.33% | 0.362% |
| 43 | 11.663 | 1469 | 1475 | 1479 | rBV4 | 370160 | 897726 | 12.01% | 1.003% |
| 44 | 11.799 | 1493 | 1498 | 1503 | rBV | 446060 | 720880 | 9.64% | 0.806% |
| 45 | 11.899 | 1510 | 1515 | 1520 | rBV3 | 522515 | 818469 | 10.95% | 0.915% |
| 46 | 12.040 | 1535 | 1539 | 1541 | rBV4 | 201567 | 330029 | 4.42% | 0.369% |
| 47 | 12.346 | 1586 | 1591 | 1598 | rBV4 | 406170 | 933699 | 12.49% | 1.044% |
| 48 | 12.434 | 1604 | 1606 | 1610 | rVB3 | 217068 | 248648 | 3.33% | 0.278% |
| 49 | 12.887 | 1679 | 1683 | 1689 | rVB4 | 643895 | 993108 | 13.29% | 1.110% |
| 50 | 13.069 | 1708 | 1714 | 1720 | rVB | 3146289 | 4902086 | 65.59% | 5.480% |
| 51 | 13.234 | 1738 | 1742 | 1744 | rBV | 465876 | 674718 | 9.03% | 0.754% |
| 52 | 13.869 | 1847 | 1850 | 1854 | rVB | 593349 | 712204 | 9.53% | 0.796% |
| 53 | 14.175 | 1897 | 1902 | 1907 | rBV | 1029706 | 2133581 | 28.55% | 2.385% |
| 54 | 14.281 | 1917 | 1920 | 1928 | rVB3 | 804764 | 1332460 | 17.83% | 1.489% |
| 55 | 14.451 | 1946 | 1949 | 1957 | rVB | 1015006 | 1570786 | 21.02% | 1.756% |
| 56 | 15.240 | 2081 | 2083 | 2089 | rVB | 694296 | 921850 | 12.33% | 1.030% |
| 57 | 15.945 | 2199 | 2203 | 2209 | rVB | 2167614 | 3186630 | 42.63% | 3.562% |
| 58 | 17.210 | 2414 | 2418 | 2422 | rBV | 1093762 | 1563620 | 20.92% | 1.748% |
| 59 | 18.110 | 2568 | 2571 | 2581 | rVB6 | 1105850 | 2010199 | 26.89% | 2.247% |
| 60 | 19.228 | 2757 | 2761 | 2768 | rBV | 1811475 | 3166321 | 42.36% | 3.539% |
| 61 | 19.575 | 2817 | 2820 | 2830 | rVB | 2510676 | 4047182 | 54.15% | 4.524% |
| 62 | 19.775 | 2849 | 2854 | 2858 | rVB | 4765608 | 6017573 | 80.51% | 6.726% |
| 63 | 21.298 | 3108 | 3113 | 3118 | rBV2 | 2561591 | 5826312 | 77.95% | 6.513% |
| 64 | 22.980 | 3393 | 3399 | 3404 | rBV | 3130388 | 7440717 | 99.55% | 8.317% |
| 65 | 23.498 | 3482 | 3487 | 3496 | rVB | 2416814 | 4984863 | 66.69% | 5.572% |
| 66 | 23.610 | 3499 | 3506 | 3513 | rVB | 3656281 | 7474291 | 100.00% | 8.355% |
| 67 | 23.710 | 3519 | 3523 | 3528 | rVB | 984427 | 1539259 | 20.59% | 1.721% |
| 68 | 26.215 | 3943 | 3949 | 3961 | rVB | 1926747 | 5449008 | 72.90% | 6.091% |

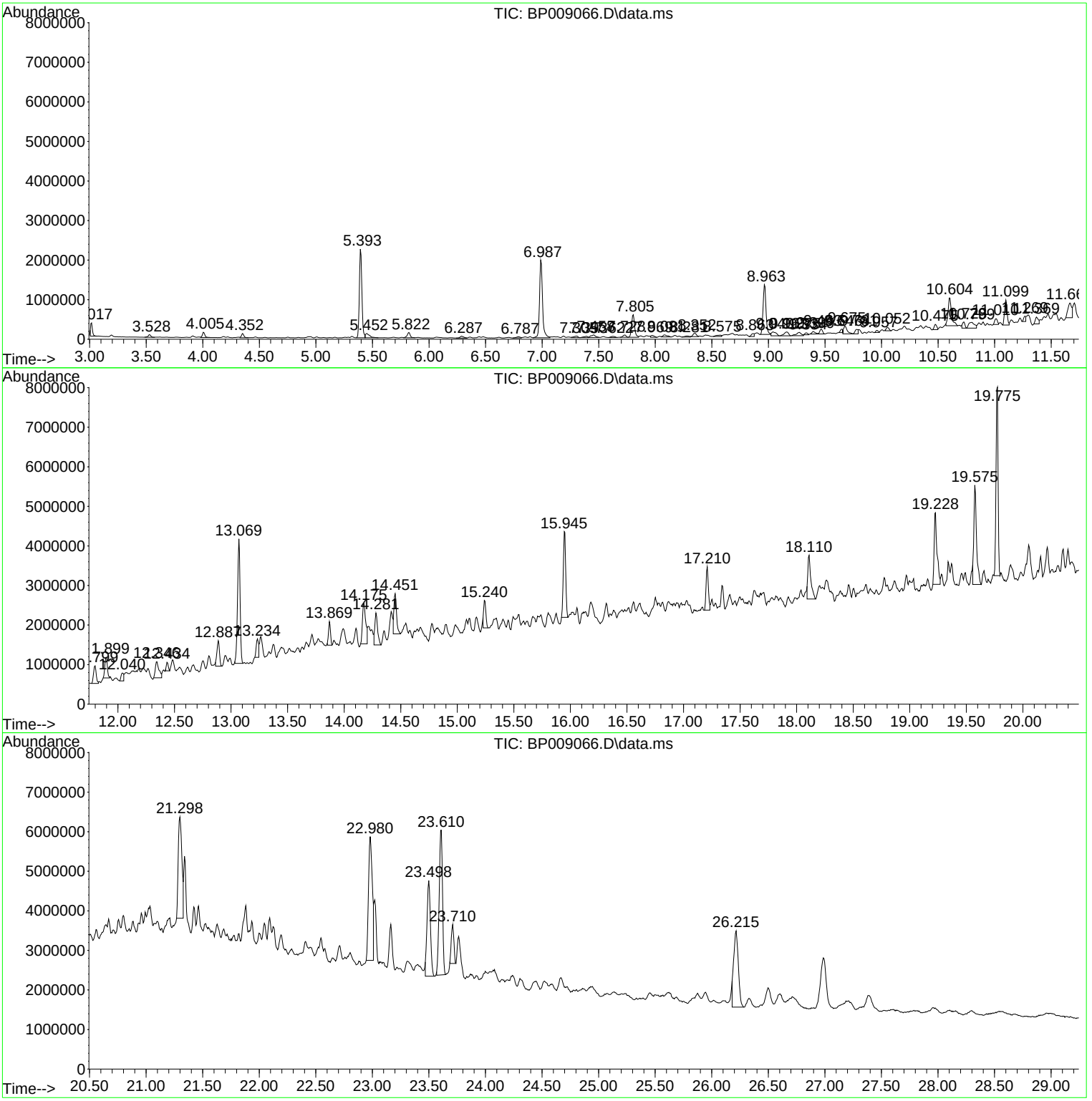
Sum of corrected areas: 89461385

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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 : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

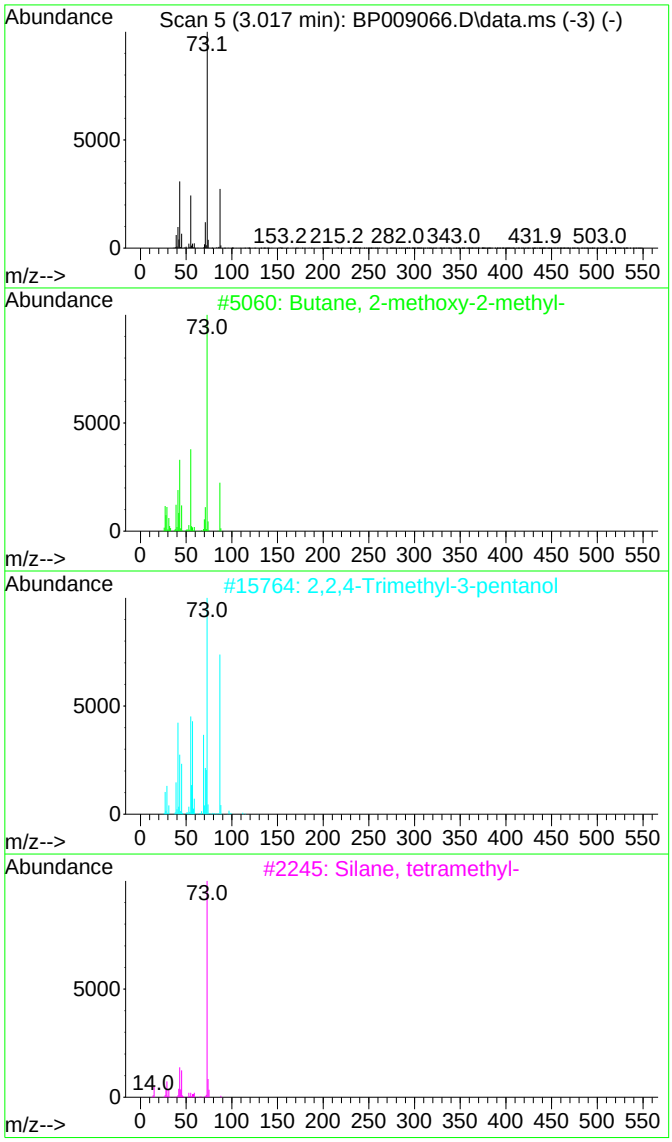
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

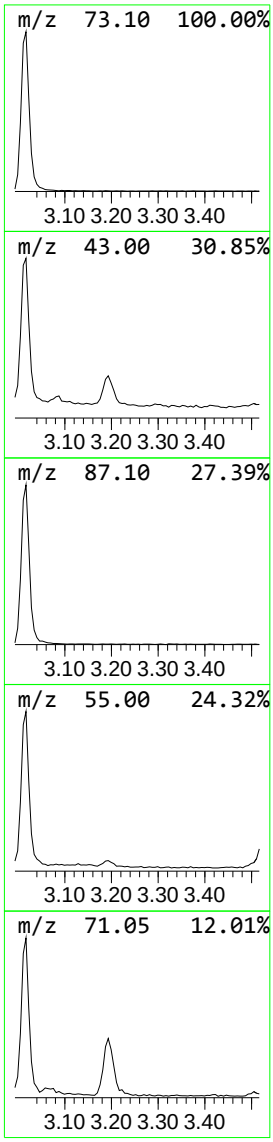
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.017 | 6.65 ng | 351303 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 25 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

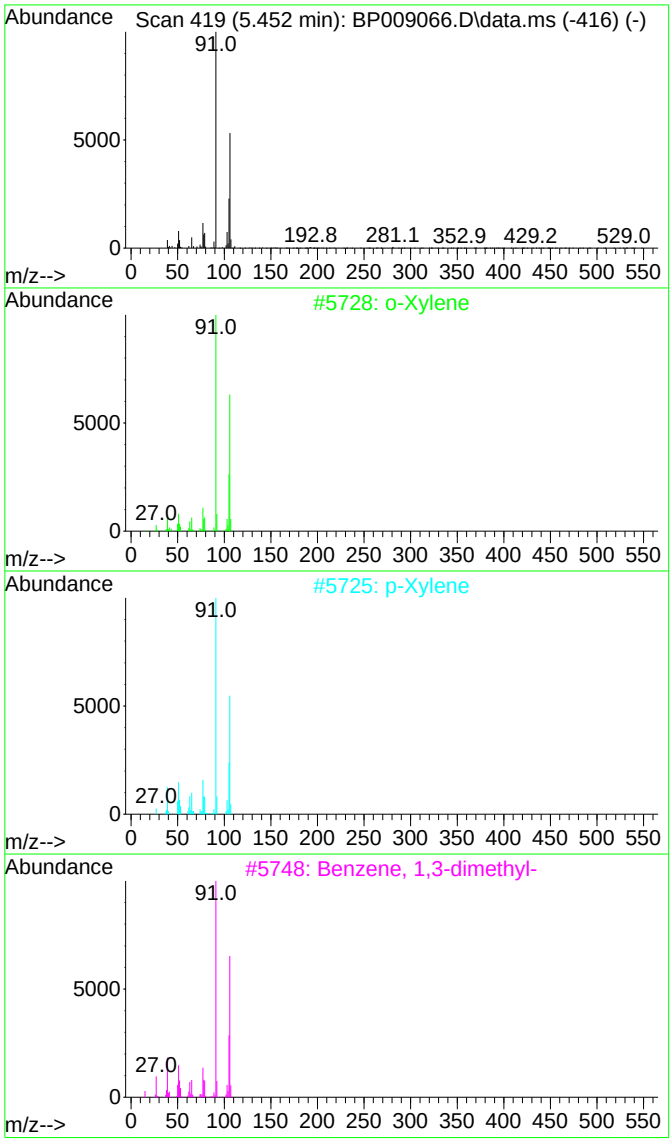
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

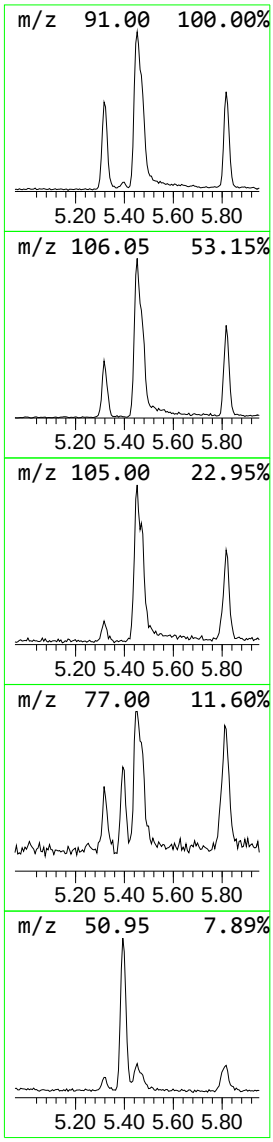
**********

Peak Number 2 o-Xylene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.452 | 4.94 ng | 261251 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 91 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 91 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 91 |
| 4 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 78 |
| 5 | Benzeneethanol, .alpha.,.beta.-d... | 150 | C10H14O | 052089-32-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

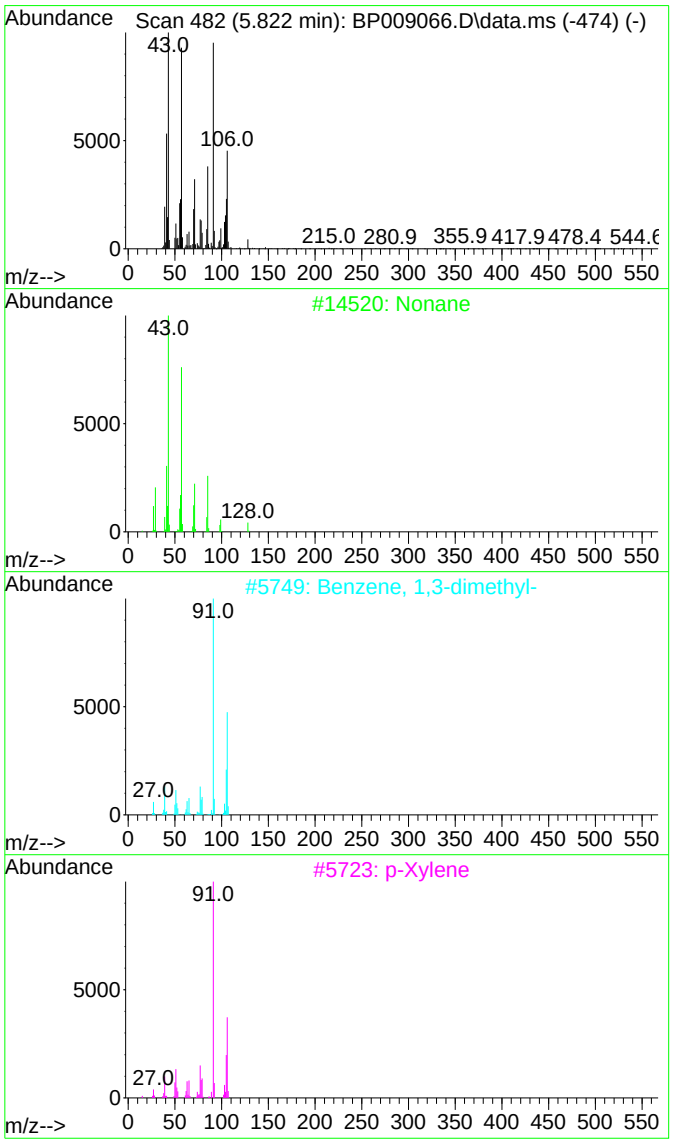
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

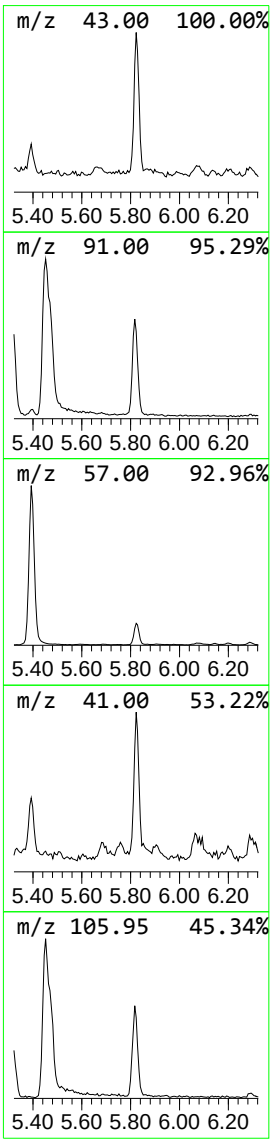
**********

Peak Number 3 Nonane Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.822 | 4.53 ng | 239373 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 4 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 2 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 42 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 42 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

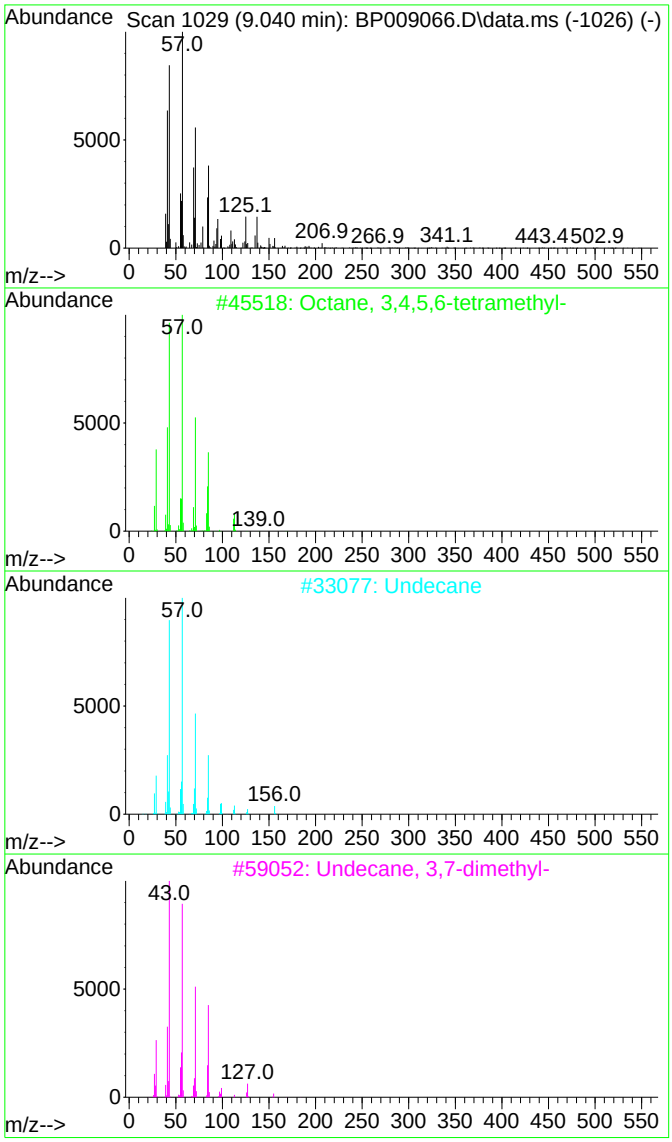
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

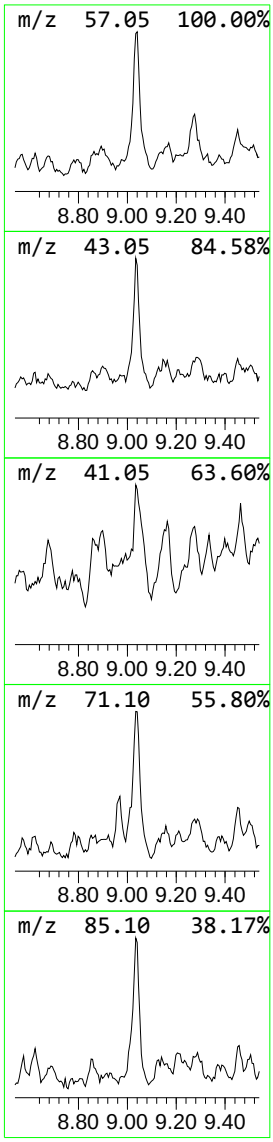
**********

Peak Number 4 Octane, 3,4,5,6-tetramethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.040 | 5.16 ng | 272839 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3,4,5,6-tetramethyl- | 170 | C12H26 | 062185-21-1 | 59 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 55 |
| 3 | Undecane, 3,7-dimethyl- | 184 | C13H28 | 017301-29-0 | 53 |
| 4 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 47 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

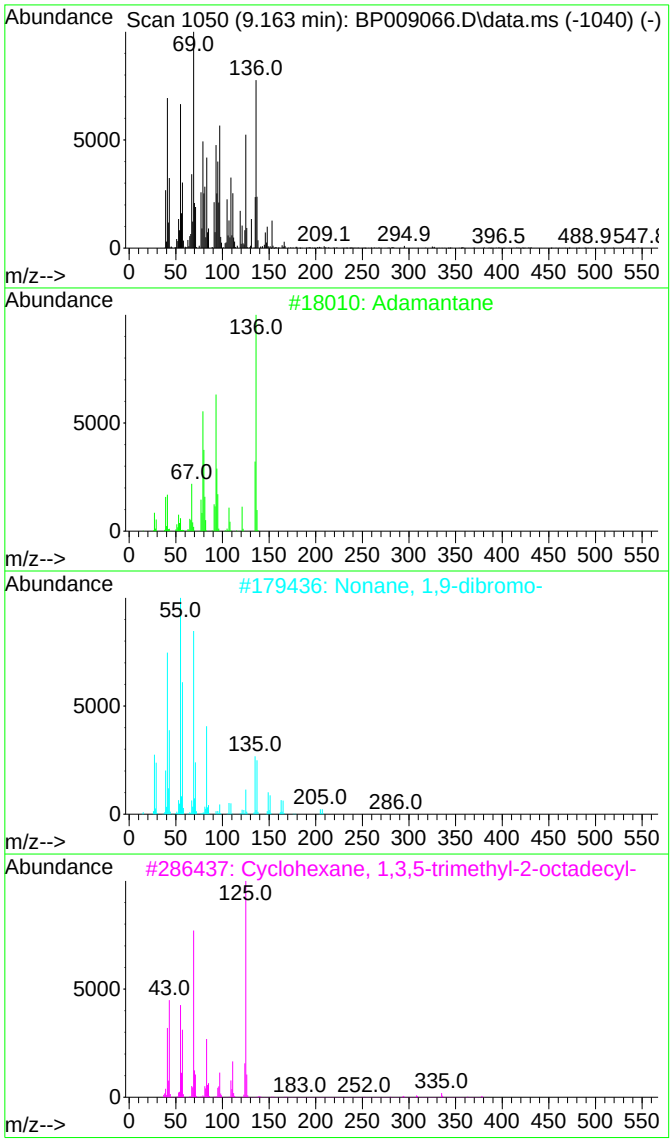
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

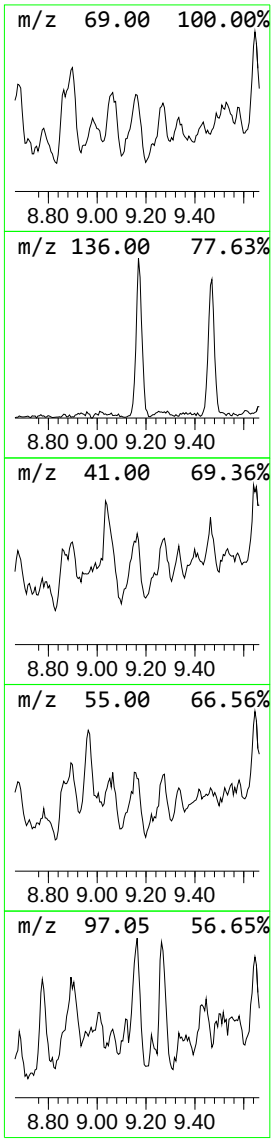
**********

Peak Number 5 Adamantane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.163 | 5.03 ng | 266017 | 1,4-Dichlorobenzene-d4 | 7.805 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Adamantane | 136 | C10H16 | 000281-23-2 | 60 |
| 2 | Nonane, 1,9-dibromo- | 284 | C9H18Br2 | 004549-33-1 | 30 |
| 3 | Cyclohexane, 1,3,5-trimethyl-2-o... | 378 | C27H54 | 055282-34-3 | 25 |
| 4 | 2H-Inden-2-one, 1,4,5,6,7,7a-hex... | 136 | C9H12O | 039163-29-6 | 25 |
| 5 | Cyclooctane, 1-methyl-3-propyl- | 168 | C12H24 | 255885-37-1 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

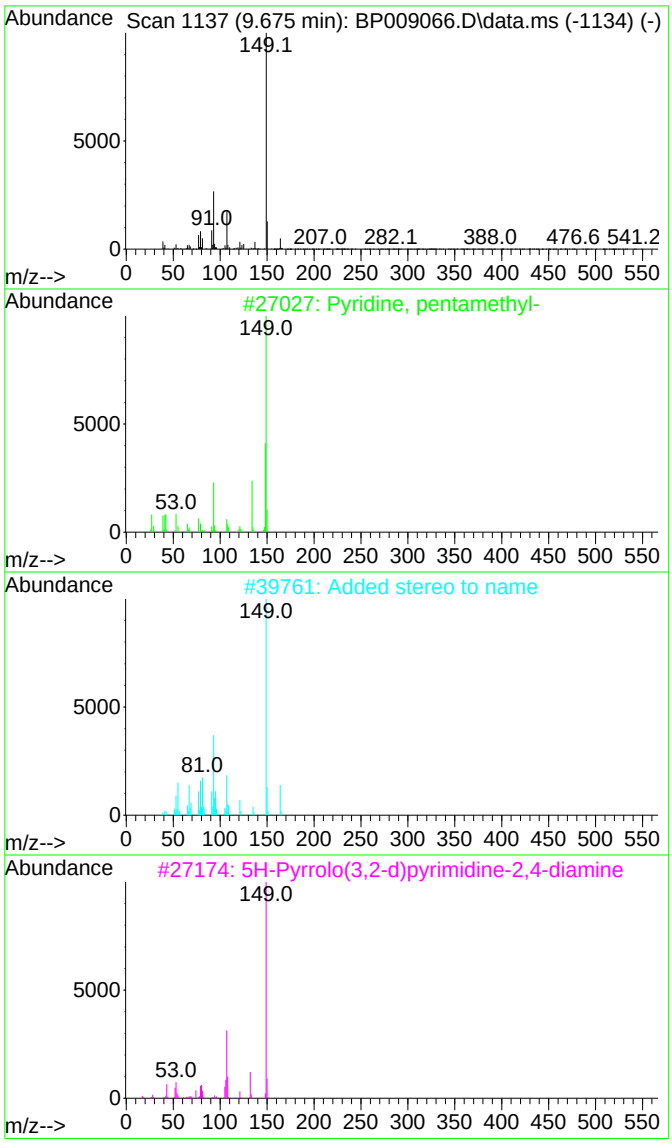
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

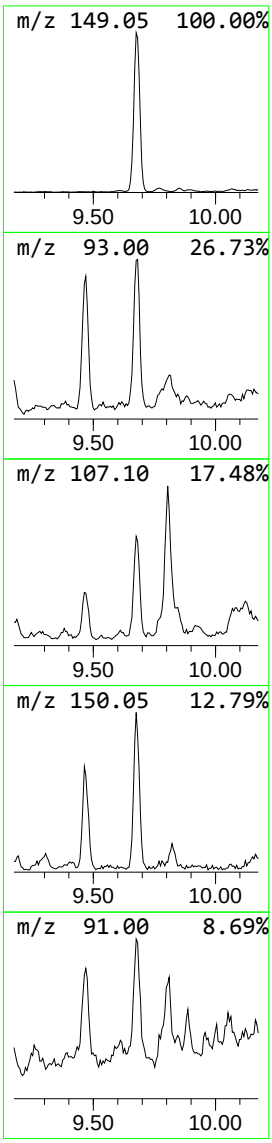
**********

Peak Number 6 Pyridine, pentamethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.675 | 5.79 ng | 429640 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, pentamethyl- | 149 | C10H15N | 003748-83-2 | 72 |
| 2 | Added stereo to name | 164 | C12H20 | 024145-89-9 | 56 |
| 3 | 5H-Pyrrolo(3,2-d)pyrimidine-2,4-... | 149 | C6H7N5 | 1000244-21-4 | 50 |
| 4 | Adamantane, 1,3-dimethyl- | 164 | C12H20 | 000702-79-4 | 50 |
| 5 | 1,4-Dimethyladamantane (isomer 1) | 164 | C12H20 | 1000460-67-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

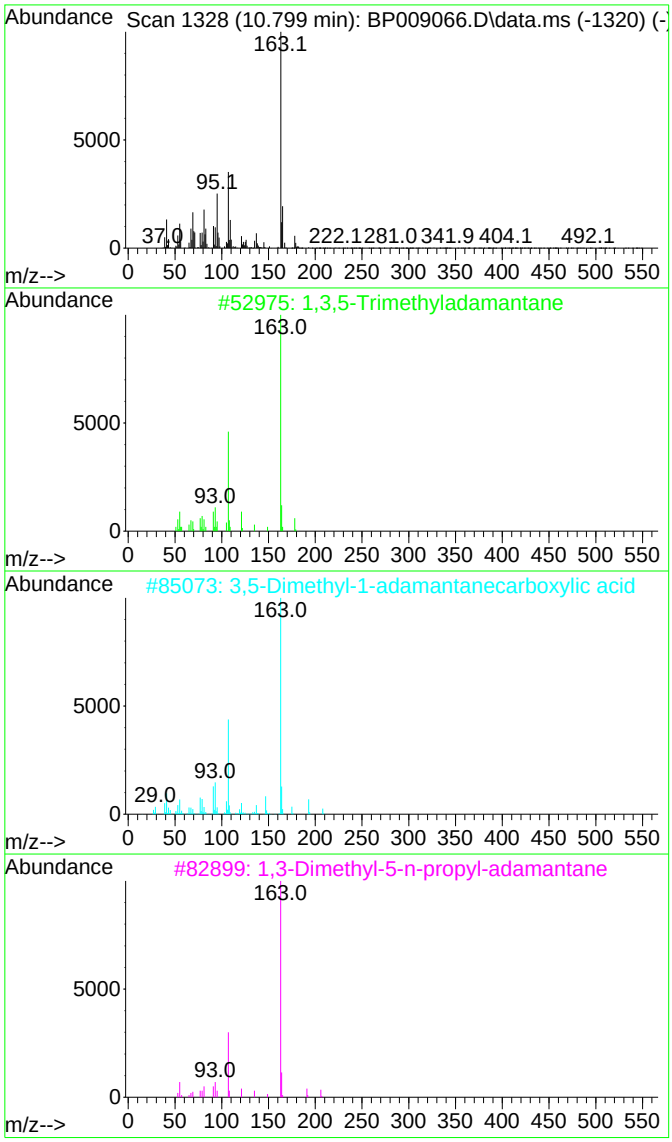
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

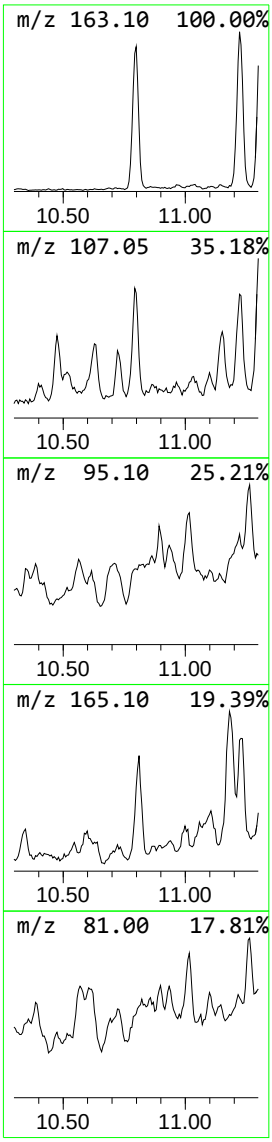
**********

Peak Number 7 1,3,5-Trimethyladamantane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.799 | 7.29 ng | 541605 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,5-Trimethyladamantane | 178 | C13H22 | 000707-35-7 | 70 |
| 2 | 3,5-Dimethyl-1-adamantanecarboxy... | 208 | C13H20O2 | 014670-94-1 | 50 |
| 3 | 1,3-Dimethyl-5-n-propyl-adamantane | 206 | C15H26 | 019385-87-6 | 50 |
| 4 | 1,3-Dimethyl-5-n-hexyladamantane | 248 | C18H32 | 052873-50-4 | 47 |
| 5 | 2-Benzothiazolecarboxaldehyde | 163 | C8H5NOS | 006639-57-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

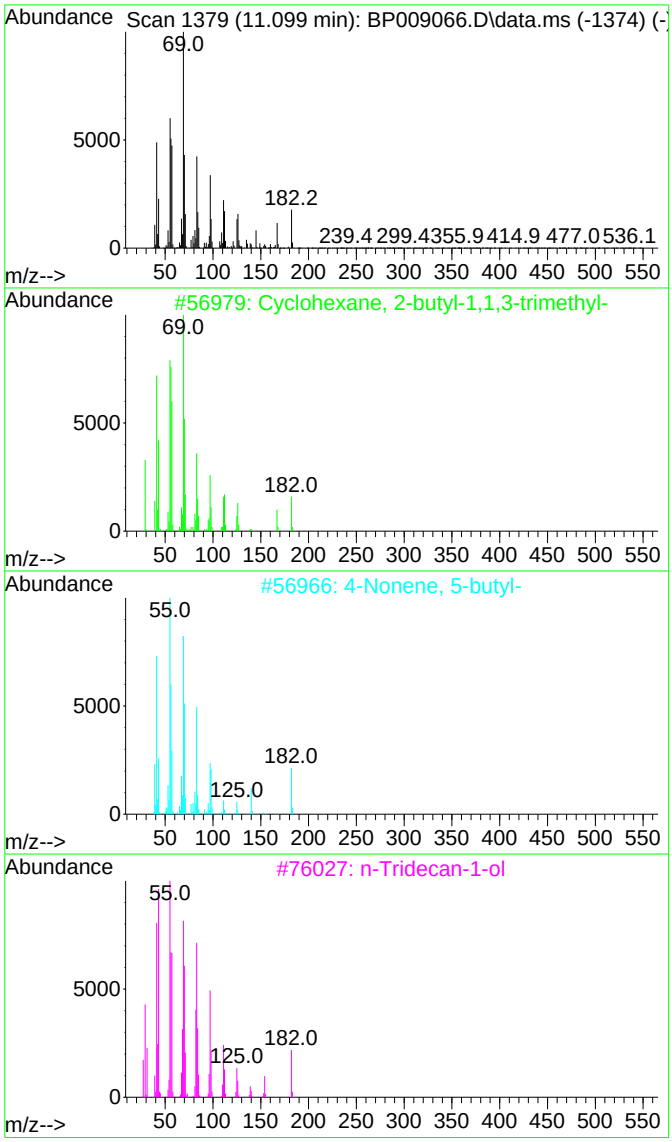
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

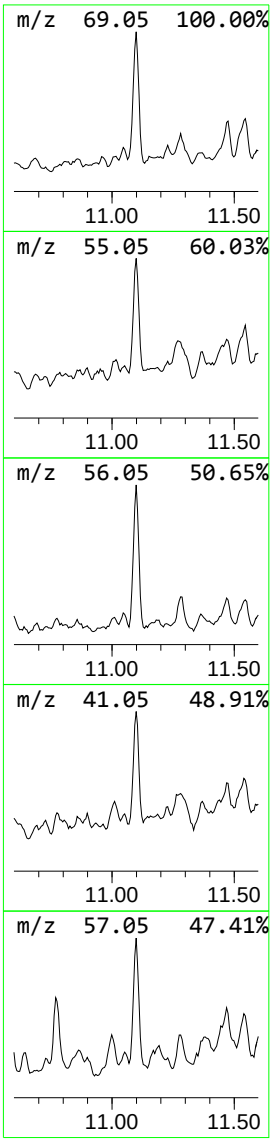
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.099 | 13.40 ng | 995244 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26 | 054676-39-0 | 95 |
| 2 | 4-Nonene, 5-butyl- | 182 | C13H26 | 007367-38-6 | 55 |
| 3 | n-Tridecan-1-ol | 200 | C13H28O | 000112-70-9 | 52 |
| 4 | 6-Tridecene, (Z)- | 182 | C13H26 | 006508-77-6 | 52 |
| 5 | 1.alpha.,2.beta.,3.alpha.,4.beta... | 126 | C9H18 | 002532-67-4 | 52 |



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Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

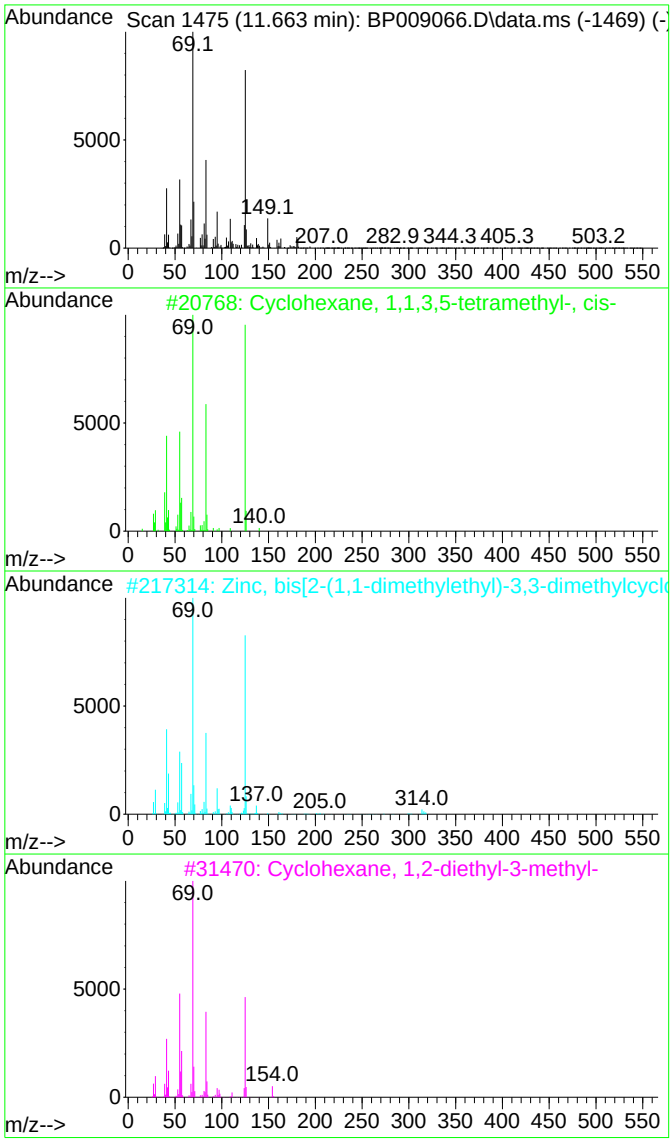
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

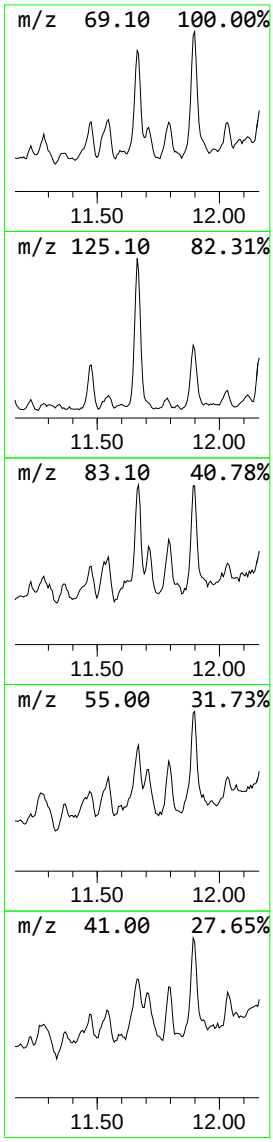
**********

Peak Number 9 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.663 | 12.09 ng | 897726 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-32-9 | 76 |
| 2 | Zinc, bis[2-(1,1-dimethylethyl)-... | 314 | C18H34Zn | 074793-36-5 | 72 |
| 3 | Cyclohexane, 1,2-diethyl-3-methyl- | 154 | C11H22 | 061141-80-8 | 64 |
| 4 | (1,2,4-Trimethylcyclohexyl)metha... | 198 | C12H22O2 | 1000499-04-5 | 64 |
| 5 | (1,2,4-Trimethylcyclohexyl)metha... | 198 | C12H22O2 | 1010499-04-6 | 64 |



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Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

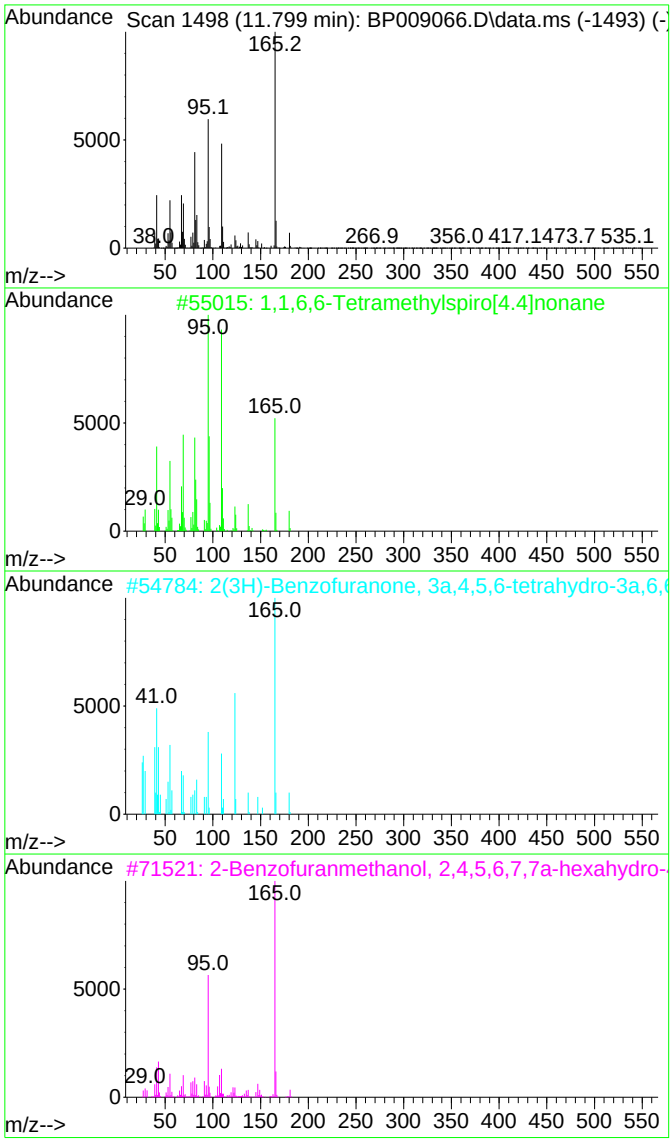
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

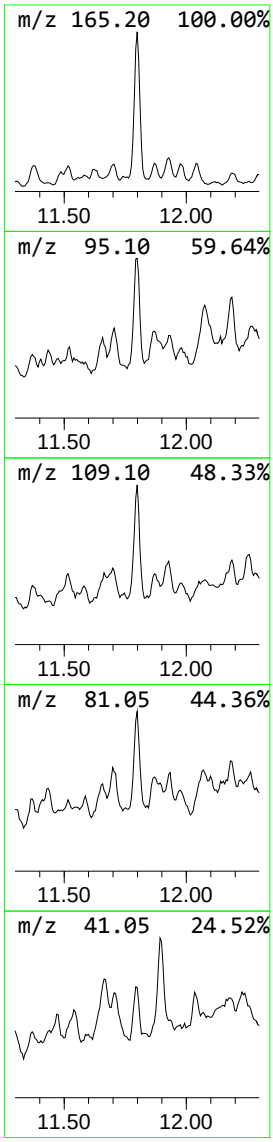
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 1,1,6,6-Tetramethylspiro[4.... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.799 | 9.71 ng | 720880 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1,6,6-Tetramethylspiro[4.4]nonane | 180 | C13H24 | 074054-92-5 | 53 |
| 2 | 2(3H)-Benzofuranone, 3a,4,5,6-te... | 180 | C11H16O2 | 016778-26-0 | 40 |
| 3 | 2-Benzofuranmethanol, 2,4,5,6,7,... | 196 | C12H20O2 | 077384-15-7 | 40 |
| 4 | 5-Amino-3-(2-thienyl)pyrazole | 165 | C7H7N3S | 096799-03-0 | 37 |
| 5 | 4,6-Dimethyl-7-oxo-4,7-dihydro-t... | 165 | C6H7NO | 025623-69-2 | 37 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

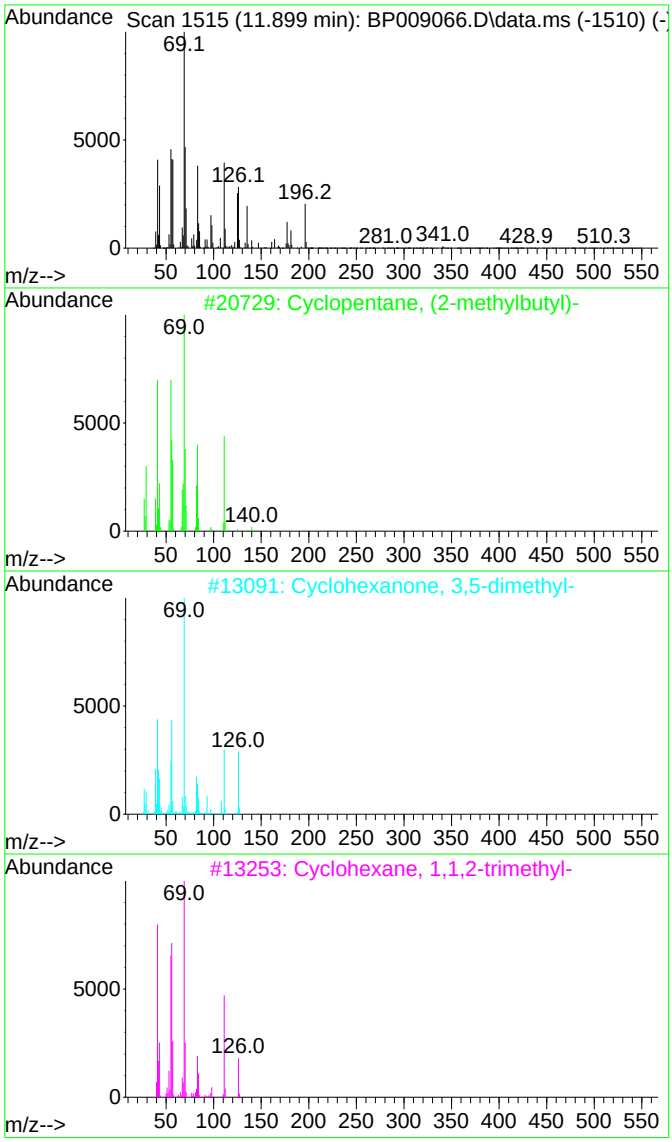
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

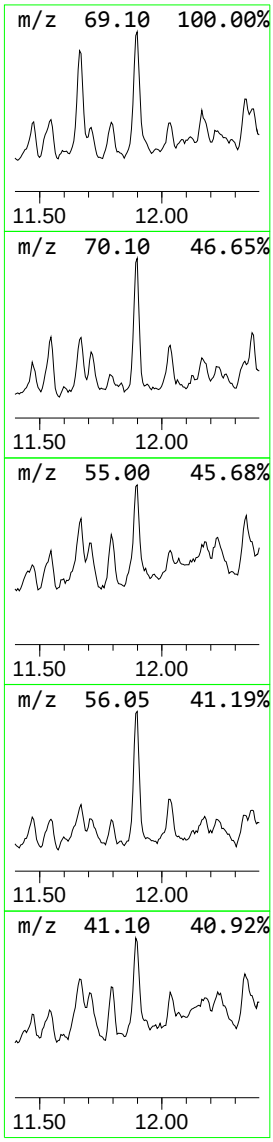
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Cyclopentane, (2-methylbutyl)- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.899 | 11.02 ng | 818469 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, (2-methylbutyl)- | 140 | C10H20 | 053366-38-4 | 53 |
| 2 | Cyclohexanone, 3,5-dimethyl- | 126 | C8H14O | 002320-30-1 | 46 |
| 3 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 43 |
| 4 | 5-Nonanol, pentafluoropropionate | 290 | C12H19F5O2 | 1000463-47-9 | 38 |
| 5 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 38 |



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Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

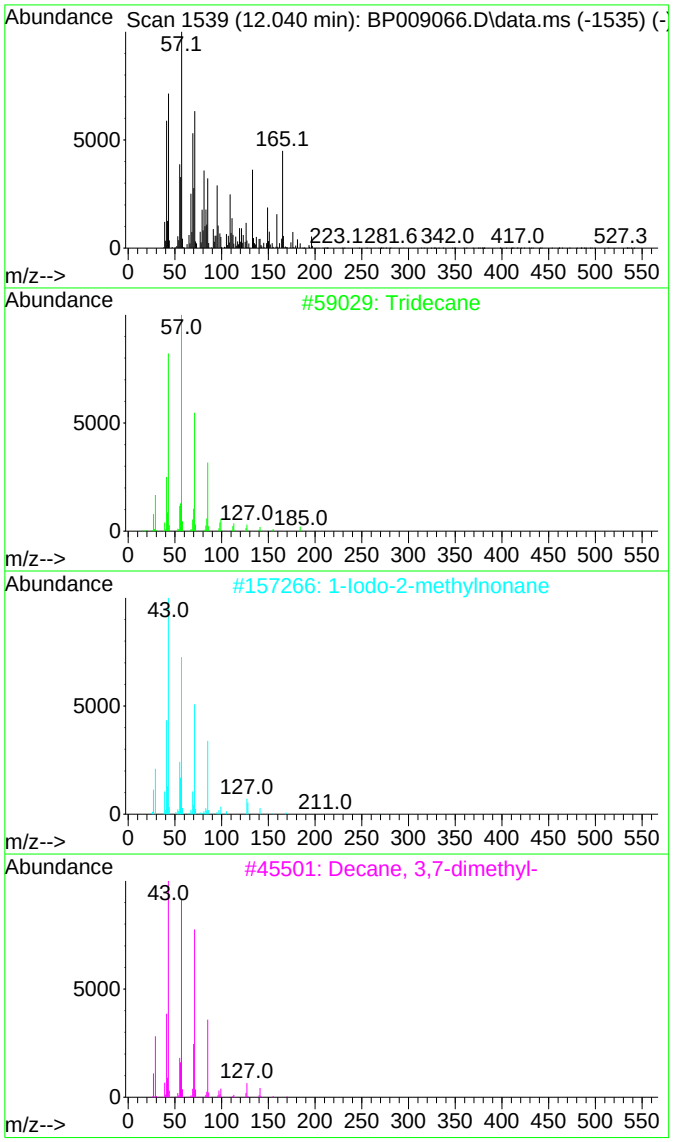
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

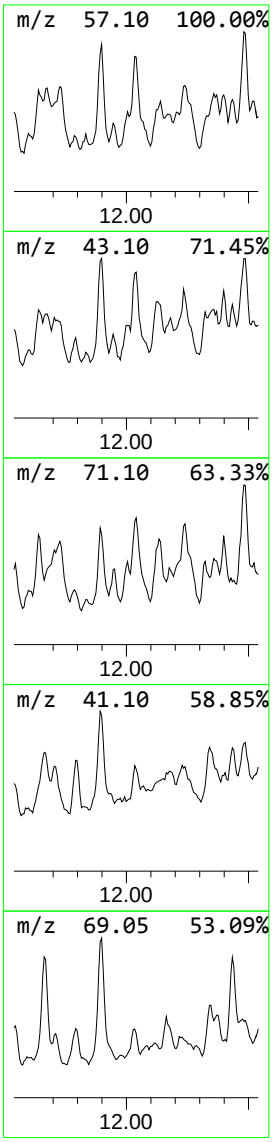
**********

Peak Number 12 unknown12.040 Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.040 | 4.44 ng | 330029 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 20 |
| 2 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 20 |
| 3 | Decane, 3,7-dimethyl- | 170 | C12H26 | 017312-54-8 | 18 |
| 4 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 18 |
| 5 | Carbonic acid, dodecyl prop-1-en... | 270 | C16H30O3 | 1000382-90-7 | 18 |



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Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

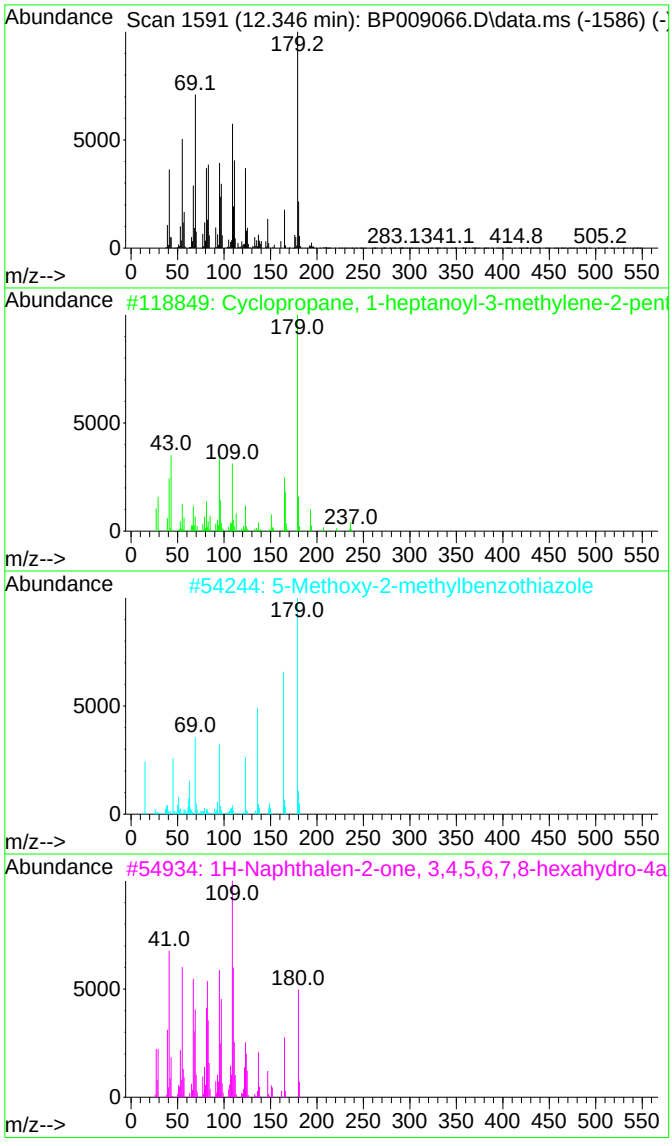
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

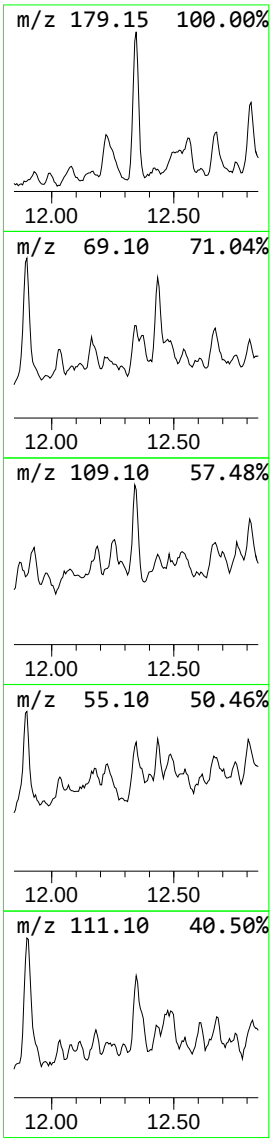
**********

Peak Number 13 unknown12.346 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.346 | 12.57 ng | 933699 | Naphthalene-d8 | 10.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1-heptanoyl-3-meth... | 236 | C16H28O | 1000157-26-0 | 37 |
| 2 | 5-Methoxy-2-methylbenzothiazole | 179 | C9H9NOS | 1000342-71-0 | 35 |
| 3 | 1H-Naphthalen-2-one, 3,4,5,6,7,8... | 180 | C12H20O | 1010164-27-1 | 35 |
| 4 | Cyclohexanecarboxylic acid, 1-cy... | 224 | C14H24O2 | 1010279-52-6 | 22 |
| 5 | 2-Amino-4,6-pteridinediol | 179 | C6H5N5O2 | 005979-01-1 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

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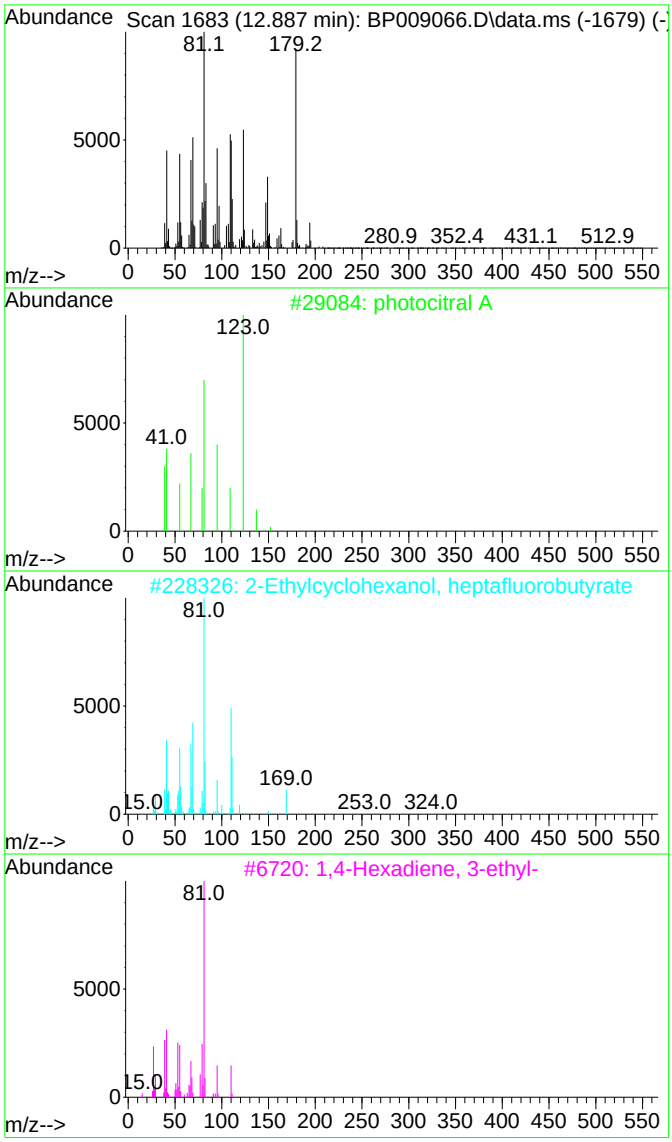
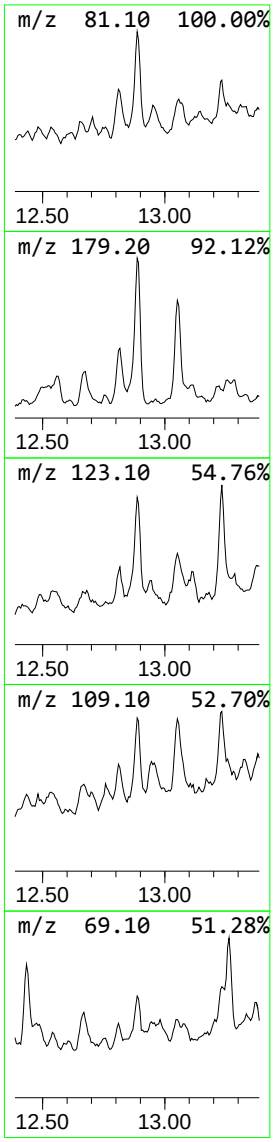
Peak Number 14 unknown12.887 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.887 | 12.64 ng | 993108 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | photocitral A | 152 | C10H16O | 055253-28-6 | 27 |
| 2 | 2-Ethylcyclohexanol, heptafluoro... | 324 | C12H15F7O2 | 959079-92-6 | 27 |
| 3 | 1,4-Hexadiene, 3-ethyl- | 110 | C8H14 | 002080-89-9 | 25 |
| 4 | Methyl ethyl cyclopentene | 110 | C8H14 | 019780-56-4 | 22 |
| 5 | Cyclohexene, 1-ethyl- | 110 | C8H14 | 001453-24-3 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

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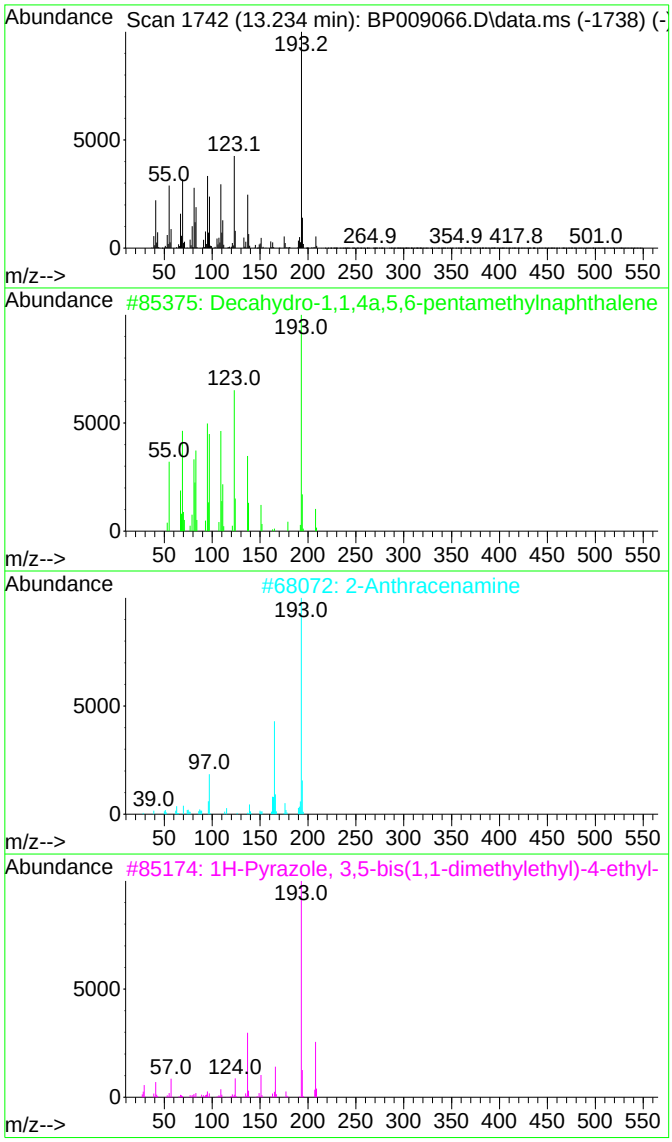
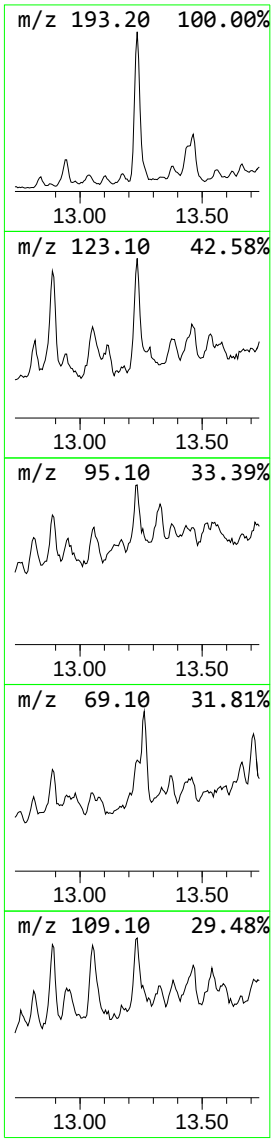
Peak Number 15 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.234 | 8.59 ng | 674718 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 64 |
| 2 | 2-Anthracenamine | 193 | C14H11N | 000613-13-8 | 35 |
| 3 | 1H-Pyrazole, 3,5-bis(1,1-dimethy... | 208 | C13H24N2 | 125281-21-2 | 32 |
| 4 | [1,1'-Biphenyl]-4-acetonitrile | 193 | C14H11N | 031603-77-7 | 30 |
| 5 | trans-3-Methoxy-b-methyl-b-niros... | 193 | C10H11NO3 | 018738-95-9 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

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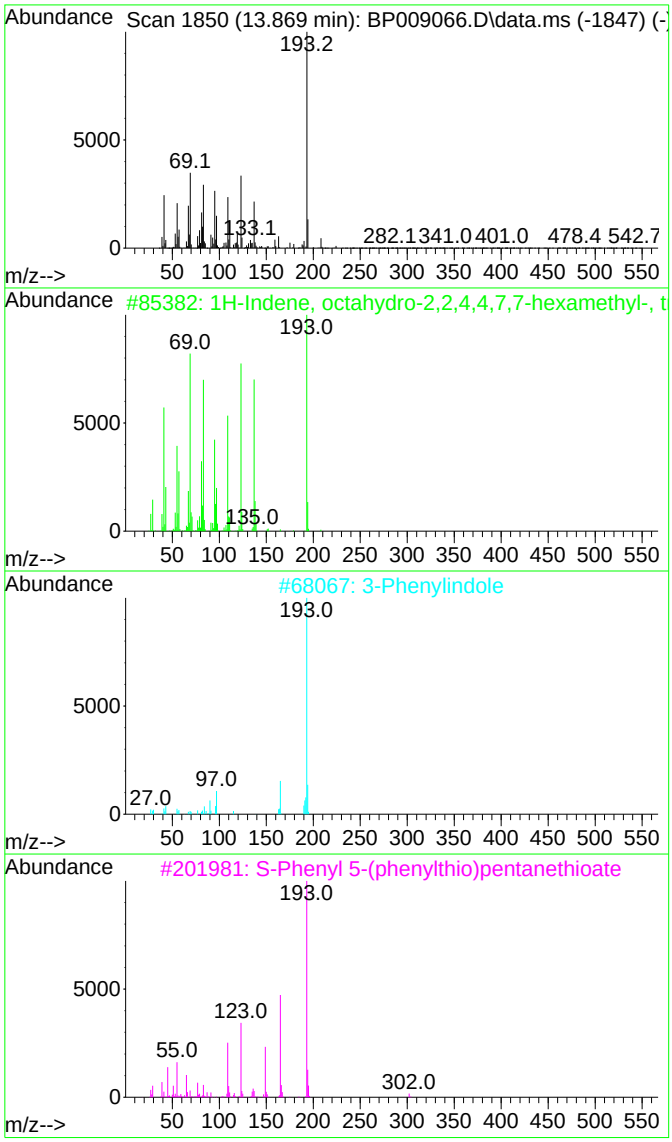
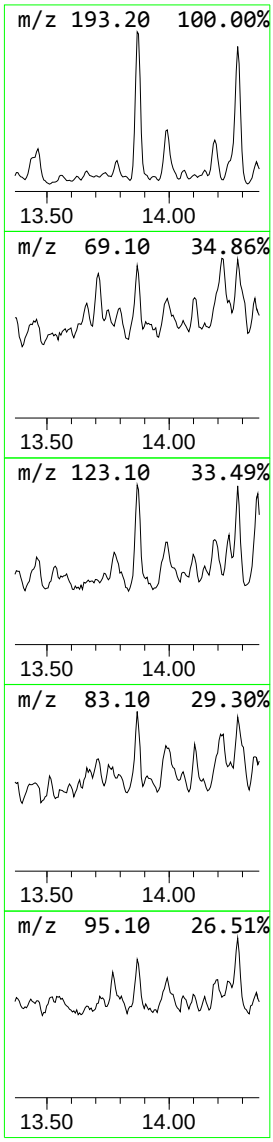
Peak Number 16 unknown13.869 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.869 | 9.07 ng | 712204 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, octahydro-2,2,4,4,7,7... | 208 | C15H28 | 054832-83-6 | 43 |
| 2 | 3-Phenylindole | 193 | C14H11N | 001504-16-1 | 38 |
| 3 | S-Phenyl 5-(phenylthio)pentaneth... | 302 | C17H18OS2 | 1000234-40-7 | 38 |
| 4 | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O | 313253-65-5 | 38 |
| 5 | 9-Phenanthrenamine | 193 | C14H11N | 000947-73-9 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

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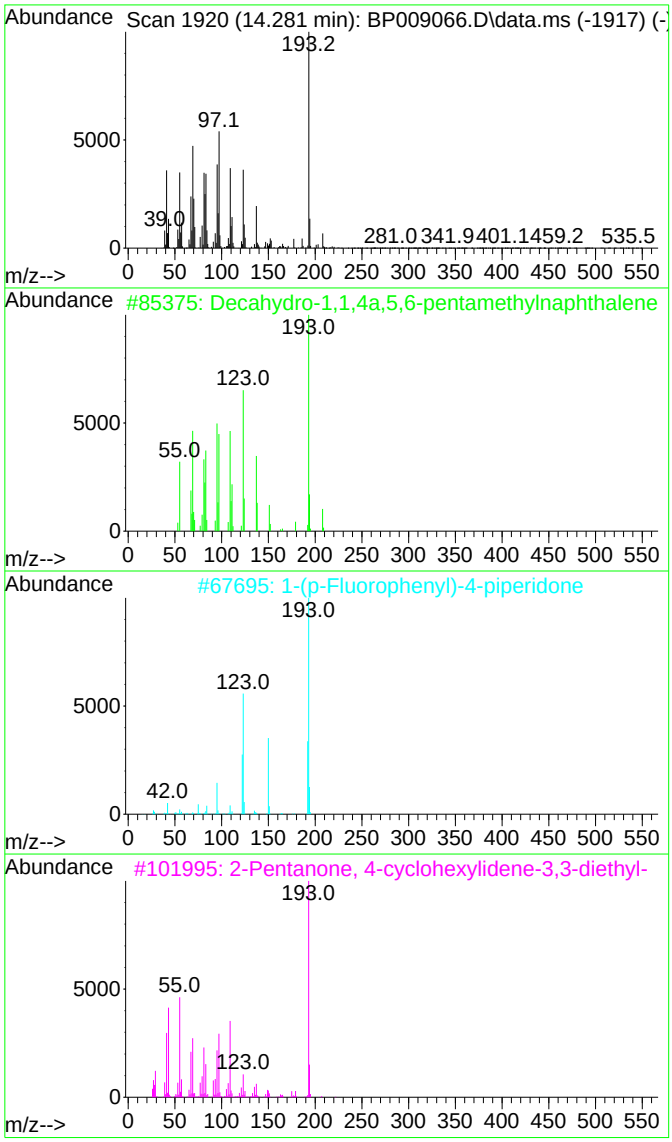
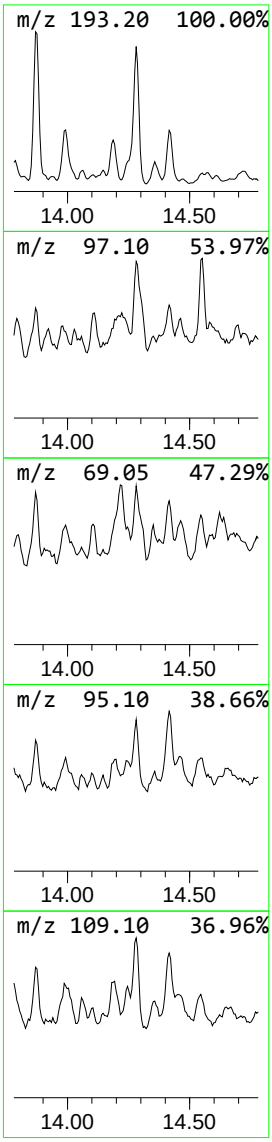
Peak Number 17 unknown14.281 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.281 | 16.97 ng | 1332460 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28 | 080655-44-3 | 55 |
| 2 | 1-(p-Fluorophenyl)-4-piperidone | 193 | C11H12FNO | 1000238-56-7 | 43 |
| 3 | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O | 313253-65-5 | 38 |
| 4 | Pyrazole, 5-methyl-3-(5-nitro-2-... | 193 | C8H7N3O3 | 016239-90-0 | 27 |
| 5 | Butan-2-one, 1-[3-(3,3-dimethyl-... | 278 | C16H26N2O2 | 1000303-34-2 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

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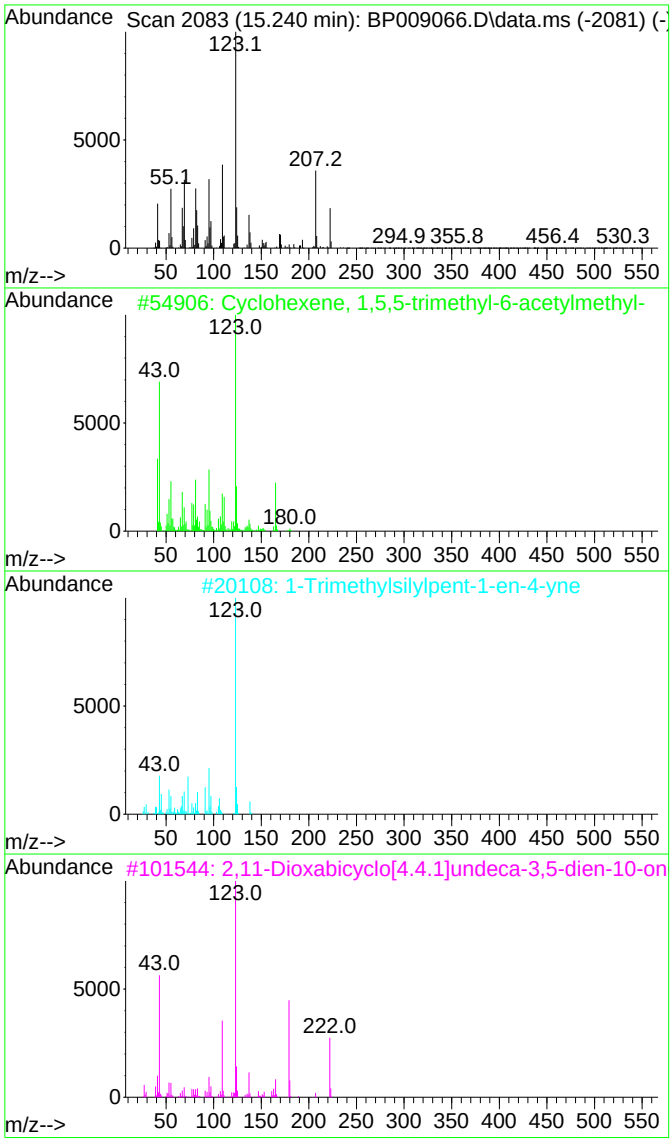
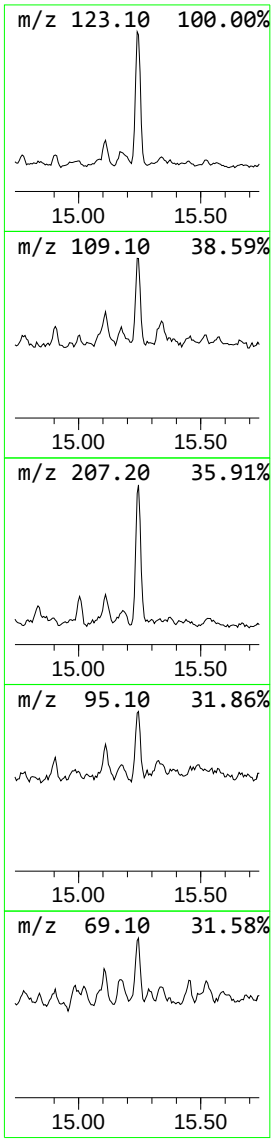
Peak Number 18 unknown15.240 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.240 | 11.74 ng | 921850 | Acenaphthene-d10 | 14.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 1,5,5-trimethyl-6-a... | 180 | C12H20O | 211563-96-1 | 47 |
| 2 | 1-Trimethylsilylpent-1-en-4-yne | 138 | C8H14Si | 079516-25-9 | 46 |
| 3 | 2,11-Dioxabicyclo[4.4.1]undeca-3... | 222 | C13H18O3 | 070412-52-1 | 45 |
| 4 | 3-Fluorobenzoic acid, 3-tetradec... | 336 | C21H33FO2 | 1000280-60-5 | 43 |
| 5 | Ethanone, 1-[3-[2-methyl-2-(5-me... | 222 | C13H18O3 | 080114-28-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

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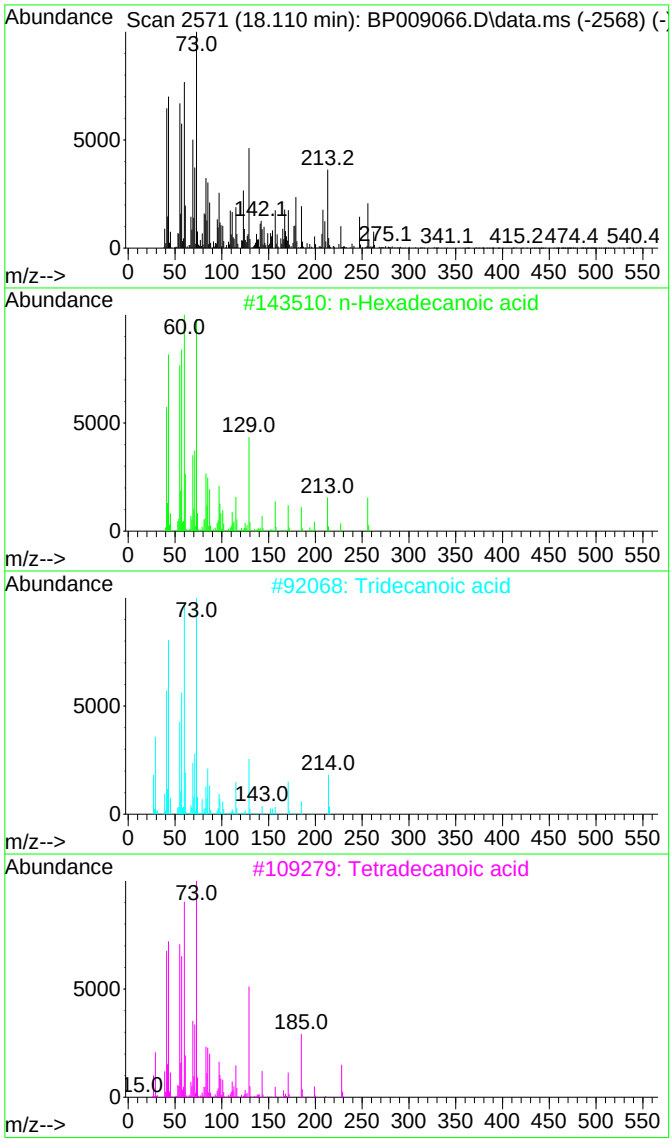
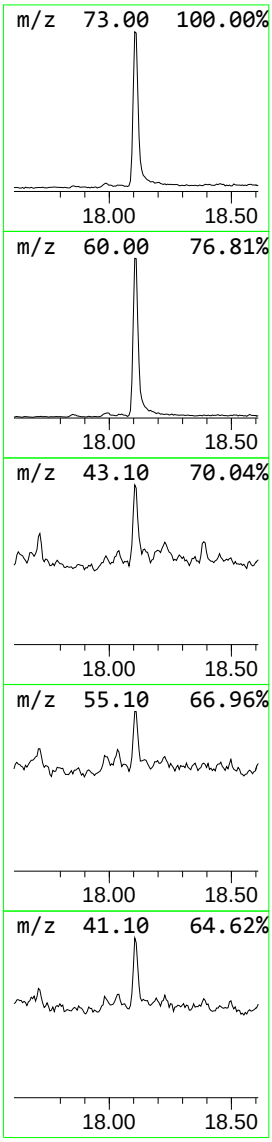
Peak Number 19 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.110 | 25.71 ng | 2010200 | Phenanthrene-d10 | 17.210 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 51 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 50 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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

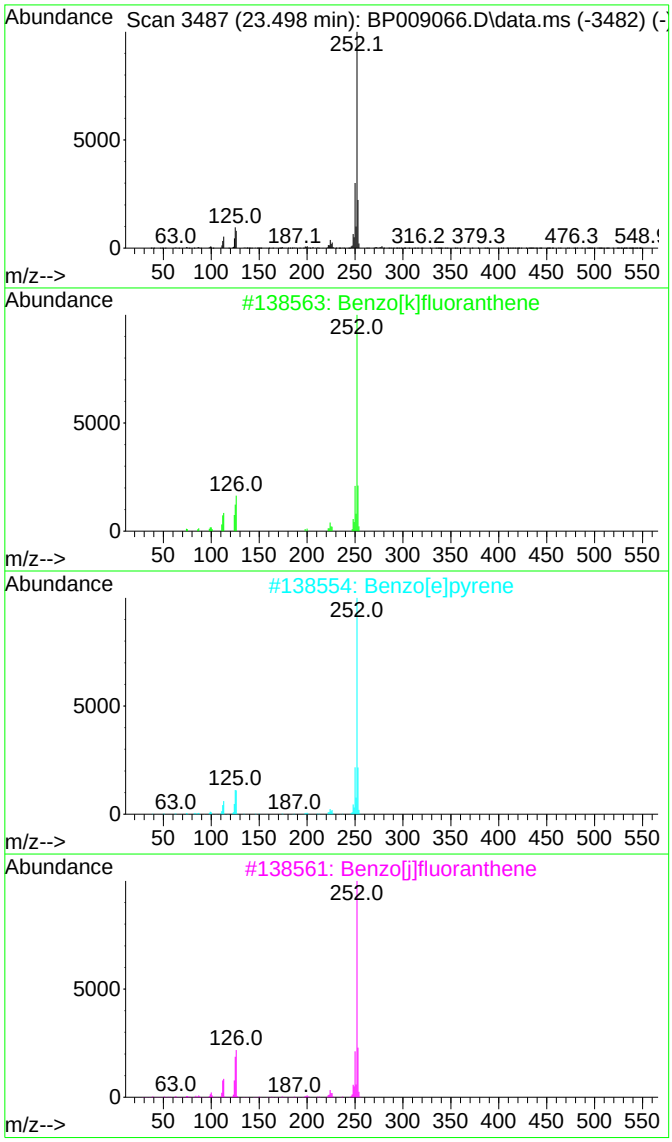
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

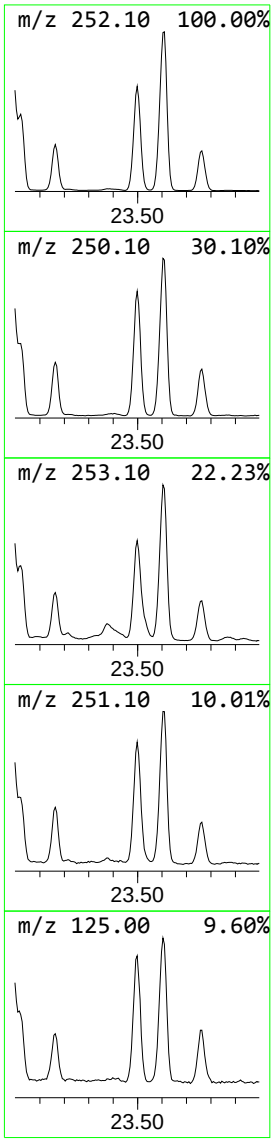
**********

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.498 | 64.77 ng | 4984860 | Perylene-d12 | 23.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 96 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 96 |
| 3 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 95 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
Data File : BP009066.D
Acq On : 08 Feb 2022 19:25
Operator : CG/JU
Sample : N1397-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
KTS1-MH-02-0-15

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 |
| Butane, 2-metho... | 3.017 | 6.7 | ng | 351303 | 1 | 7.805 | 1056900 | 20.0 |
| o-Xylene | 5.452 | 4.9 | ng | 261251 | 1 | 7.805 | 1056900 | 20.0 |
| Nonane | 5.822 | 4.5 | ng | 239373 | 1 | 7.805 | 1056900 | 20.0 |
| Octane, 3,4,5,6... | 9.040 | 5.2 | ng | 272839 | 1 | 7.805 | 1056900 | 20.0 |
| Adamantane | 9.163 | 5.0 | ng | 266017 | 1 | 7.805 | 1056900 | 20.0 |
| Pyridine, penta... | 9.675 | 5.8 | ng | 429640 | 2 | 10.605 | 1485040 | 20.0 |
| 1,3,5-Trimethyl... | 10.799 | 7.3 | ng | 541605 | 2 | 10.605 | 1485040 | 20.0 |
| Cyclohexane, 2-... | 11.099 | 13.4 | ng | 995244 | 2 | 10.605 | 1485040 | 20.0 |
| Cyclohexane, 1,... | 11.663 | 12.1 | ng | 897726 | 2 | 10.605 | 1485040 | 20.0 |
| 1,1,6,6-Tetrame... | 11.799 | 9.7 | ng | 720880 | 2 | 10.605 | 1485040 | 20.0 |
| Cyclopentane, (... | 11.899 | 11.0 | ng | 818469 | 2 | 10.605 | 1485040 | 20.0 |
| unknown12.040 | 12.040 | 4.4 | ng | 330029 | 2 | 10.605 | 1485040 | 20.0 |
| unknown12.346 | 12.346 | 12.6 | ng | 933699 | 2 | 10.605 | 1485040 | 20.0 |
| unknown12.887 | 12.887 | 12.6 | ng | 993108 | 3 | 14.451 | 1570790 | 20.0 |
| Decahydro-1,1,4... | 13.234 | 8.6 | ng | 674718 | 3 | 14.451 | 1570790 | 20.0 |
| unknown13.869 | 13.869 | 9.1 | ng | 712204 | 3 | 14.451 | 1570790 | 20.0 |
| unknown14.281 | 14.281 | 17.0 | ng | 1332460 | 3 | 14.451 | 1570790 | 20.0 |
| unknown15.240 | 15.240 | 11.7 | ng | 921850 | 3 | 14.451 | 1570790 | 20.0 |
| n-Hexadecanoic ... | 18.110 | 25.7 | ng | 2010200 | 4 | 17.210 | 1563620 | 20.0 |
| Benzo[e]pyrene | 23.498 | 64.8 | ng | 4984860 | 6 | 23.710 | 1539260 | 20.0 |