LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

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_E\Methods\8270-BE110624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BE101596.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.658 | 9 | 12 | 20 | rVB | 27696 | 38476 | 1.32% | 0.188% |
| 2 | 5.302 | 459 | 462 | 472 | rVB2 | 31078 | 49875 | 1.71% | 0.243% |
| 3 | 6.935 | 735 | 740 | 750 | rBV | 51917 | 103388 | 3.54% | 0.504% |
| 4 | 7.546 | 840 | 844 | 849 | rVB | 39140 | 57061 | 1.95% | 0.278% |
| 5 | 8.757 | 1044 | 1050 | 1072 | rVB | 115145 | 232965 | 7.97% | 1.136% |
| 6 | 10.314 | 1309 | 1315 | 1322 | rBV | 215327 | 385949 | 13.20% | 1.882% |
| 7 | 11.577 | 1526 | 1530 | 1538 | rVB3 | 22851 | 42995 | 1.47% | 0.210% |
| 8 | 12.176 | 1626 | 1632 | 1636 | rVB6 | 18346 | 35623 | 1.22% | 0.174% |
| 9 | 12.435 | 1665 | 1676 | 1681 | rBV6 | 11007 | 32130 | 1.10% | 0.157% |
| 10 | 12.487 | 1681 | 1685 | 1691 | rVV6 | 21044 | 38080 | 1.30% | 0.186% |
| 11 | 12.546 | 1691 | 1695 | 1702 | rVB3 | 30291 | 46938 | 1.61% | 0.229% |
| 12 | 12.781 | 1727 | 1735 | 1742 | rBV | 953760 | 1458234 | 49.88% | 7.109% |
| 13 | 12.846 | 1742 | 1746 | 1751 | rVB3 | 43506 | 75041 | 2.57% | 0.366% |
| 14 | 13.480 | 1848 | 1854 | 1855 | rBV6 | 31629 | 43675 | 1.49% | 0.213% |
| 15 | 13.604 | 1873 | 1875 | 1882 | rVB6 | 22249 | 43860 | 1.50% | 0.214% |
| 16 | 13.804 | 1905 | 1909 | 1913 | rBV5 | 29288 | 46615 | 1.59% | 0.227% |
| 17 | 13.892 | 1917 | 1924 | 1928 | rBV | 59568 | 115533 | 3.95% | 0.563% |
| 18 | 14.162 | 1962 | 1970 | 1975 | rBV | 463297 | 696810 | 23.84% | 3.397% |
| 19 | 14.221 | 1976 | 1980 | 1984 | rVB2 | 35001 | 62480 | 2.14% | 0.305% |
| 20 | 15.531 | 2200 | 2203 | 2207 | rVB | 81598 | 91492 | 3.13% | 0.446% |
| 21 | 15.672 | 2222 | 2227 | 2233 | rVB | 772819 | 1061946 | 36.33% | 5.177% |
| 22 | 16.553 | 2374 | 2377 | 2383 | rVB2 | 139719 | 192526 | 6.59% | 0.939% |
| 23 | 16.900 | 2432 | 2436 | 2440 | rBV | 507022 | 726909 | 24.87% | 3.544% |
| 24 | 16.941 | 2440 | 2443 | 2454 | rVB | 409550 | 639508 | 21.88% | 3.118% |
| 25 | 18.463 | 2699 | 2702 | 2705 | rBV | 175671 | 218369 | 7.47% | 1.065% |
| 26 | 18.668 | 2734 | 2737 | 2741 | rVB | 169314 | 204679 | 7.00% | 0.998% |
| 27 | 18.956 | 2781 | 2786 | 2794 | rVB | 1136991 | 1568934 | 53.67% | 7.649% |
| 28 | 19.321 | 2844 | 2848 | 2853 | rVB | 1001967 | 1323553 | 45.28% | 6.452% |
| 29 | 19.497 | 2873 | 2878 | 2891 | rVB | 2102185 | 2923337 | 100.00% | 14.252% |
| 30 | 20.149 | 2986 | 2989 | 2995 | rVB2 | 200466 | 286656 | 9.81% | 1.397% |
| 31 | 20.713 | 3082 | 3085 | 3089 | rBV2 | 176337 | 221280 | 7.57% | 1.079% |
| 32 | 21.072 | 3139 | 3146 | 3149 | rBV2 | 771619 | 1729795 | 59.17% | 8.433% |
| 33 | 21.101 | 3149 | 3151 | 3156 | rVB | 638780 | 813787 | 27.84% | 3.967% |
| 34 | 22.323 | 3355 | 3359 | 3363 | rVB | 252912 | 362048 | 12.38% | 1.765% |
| 35 | 22.646 | 3410 | 3414 | 3428 | rVB | 545664 | 1841454 | 62.99% | 8.977% |
| 36 | 23.151 | 3496 | 3500 | 3509 | rVB | 392318 | 844269 | 28.88% | 4.116% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

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_E\Methods\8270-BE110624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 23.245 | 3512 | 3516 | 3527 | rVB | 397663 | 800257 | 27.37% | 3.901% |
| 38 | 23.357 | 3530 | 3535 | 3540 | rBV | 530032 | 1055887 | 36.12% | 5.148% |

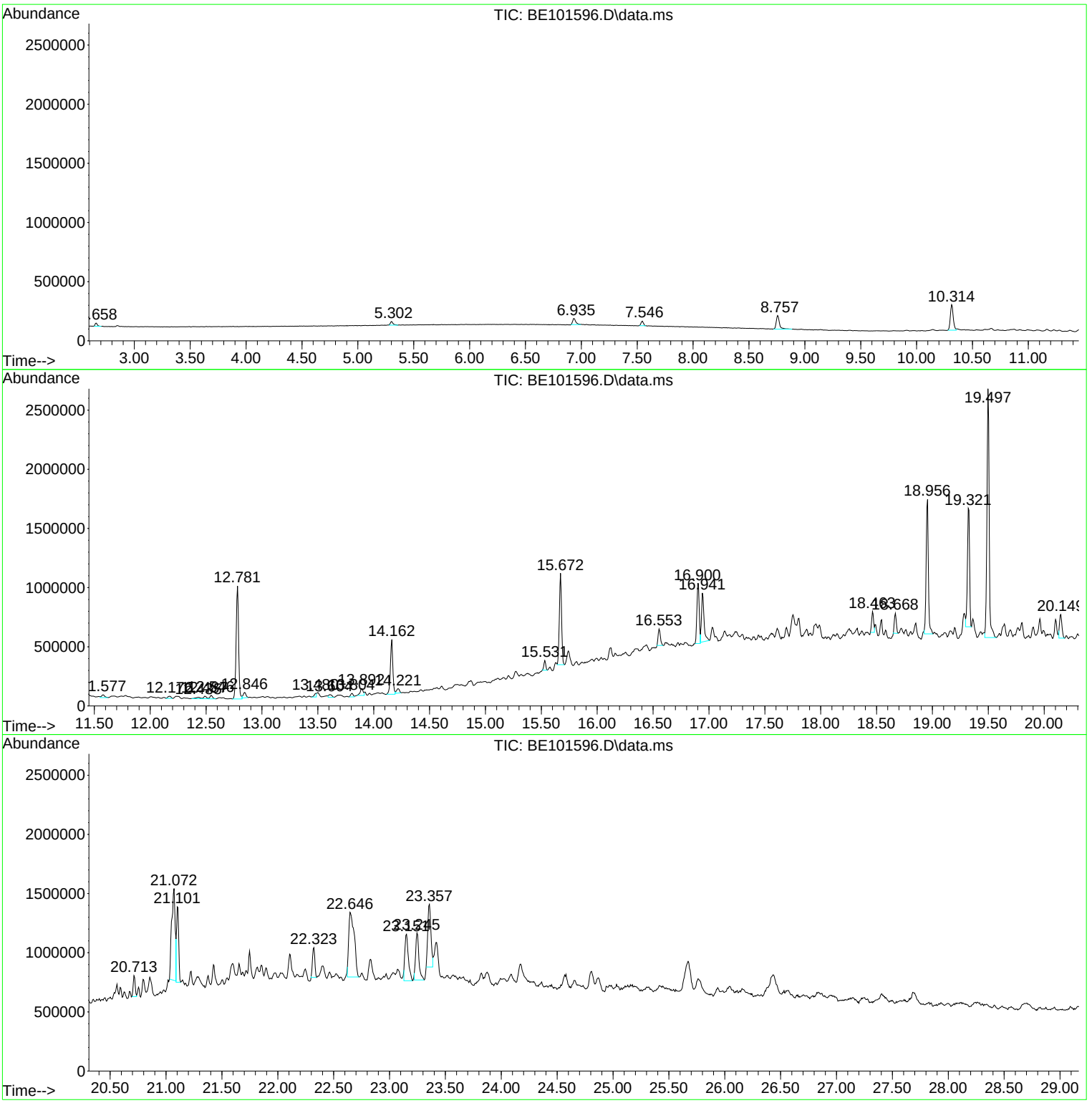
Sum of corrected areas: 20512414

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.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_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

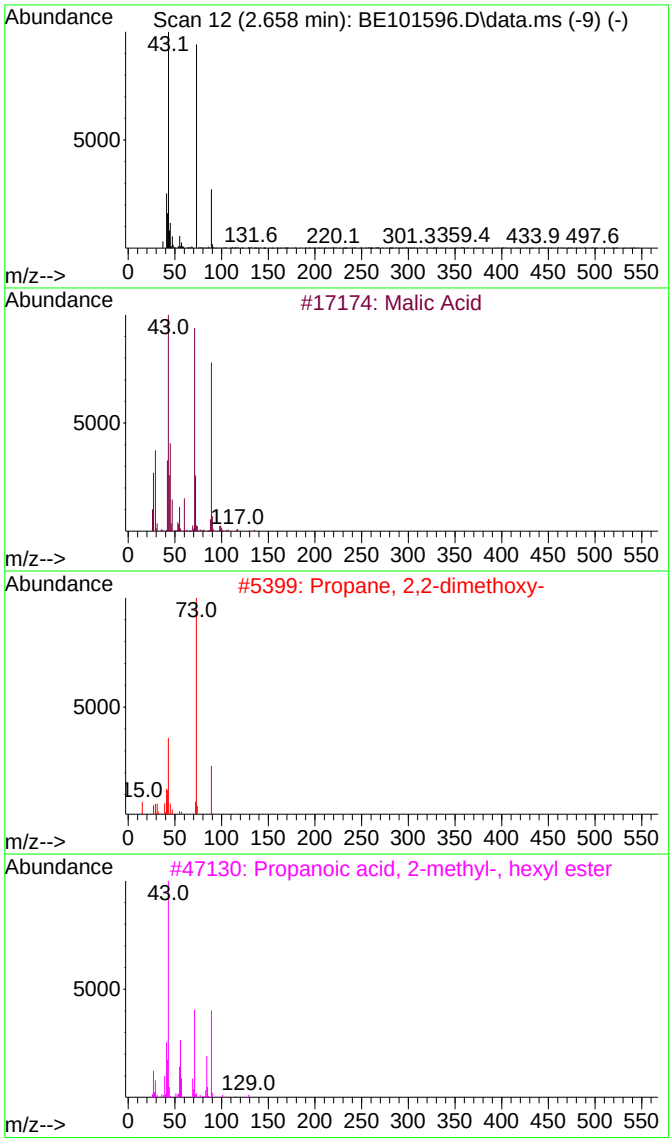
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

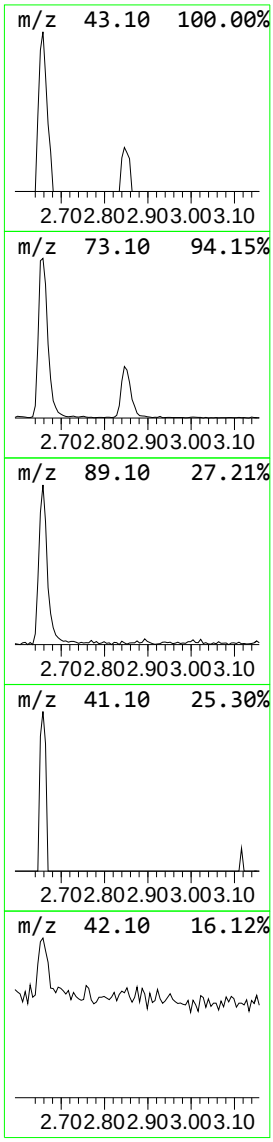
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 unknown2.658 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.658 | 13.49 ng | 38476 | 1,4-Dichlorobenzene-d4 | 7.546 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Malic Acid | 134 | C4H6O5 | 006915-15-7 | 27 |
| 2 | Propane, 2,2-dimethoxy- | 104 | C5H12O2 | 000077-76-9 | 17 |
| 3 | Propanoic acid, 2-methyl-, hexyl... | 172 | C10H20O2 | 002349-07-7 | 12 |
| 4 | 2-Propanone, 1,1,3,3-tetrapropoxy- | 290 | C15H30O5 | 113358-60-4 | 12 |
| 5 | 1,3-Dioxolane, 2-heptyl- | 172 | C10H20O2 | 004359-57-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

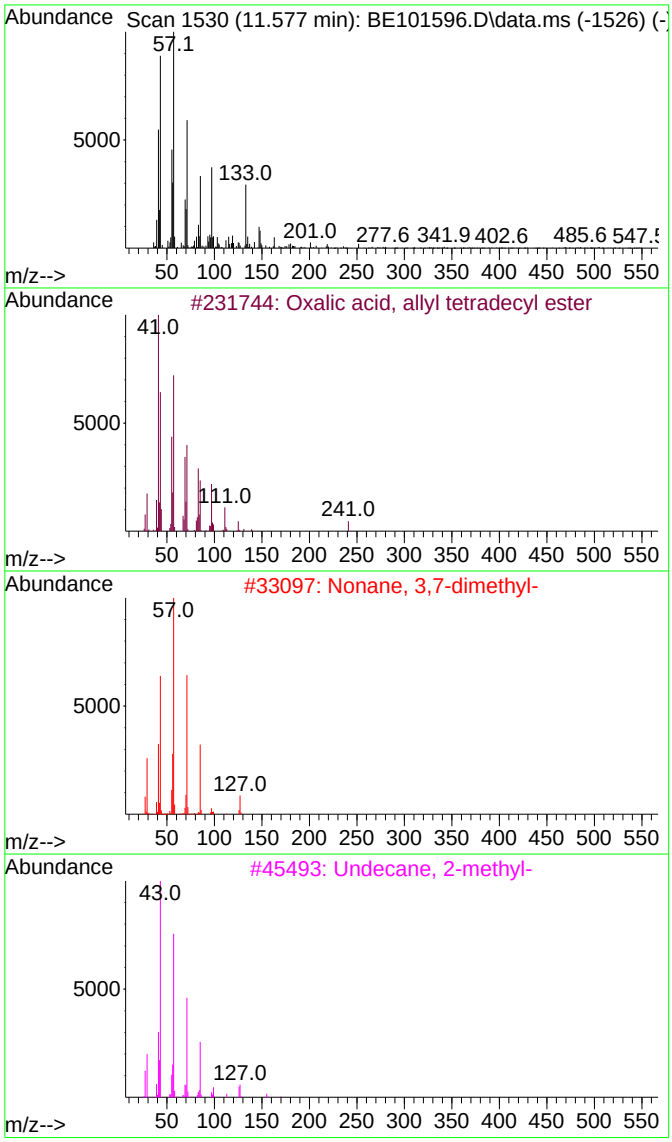
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

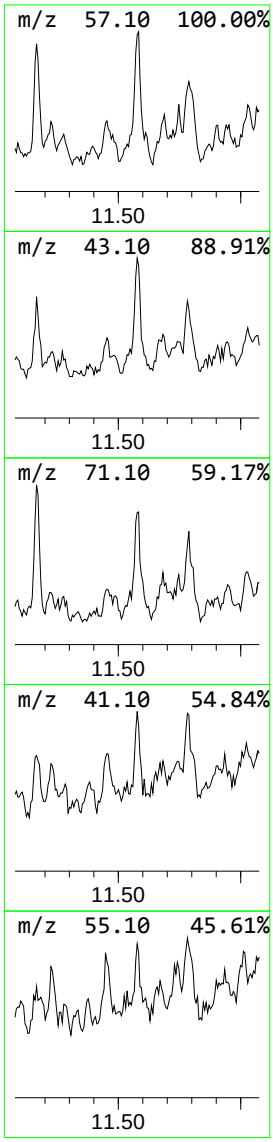
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Oxalic acid, allyl tetradec... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.577 | 2.23 ng | 42995 | Naphthalene-d8 | 10.313 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, allyl tetradecyl ester | 326 | C19H34O4 | 1000309-24-2 | 52 |
| 2 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 43 |
| 3 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 43 |
| 4 | Decane, 3,7-dimethyl- | 170 | C12H26 | 017312-54-8 | 38 |
| 5 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

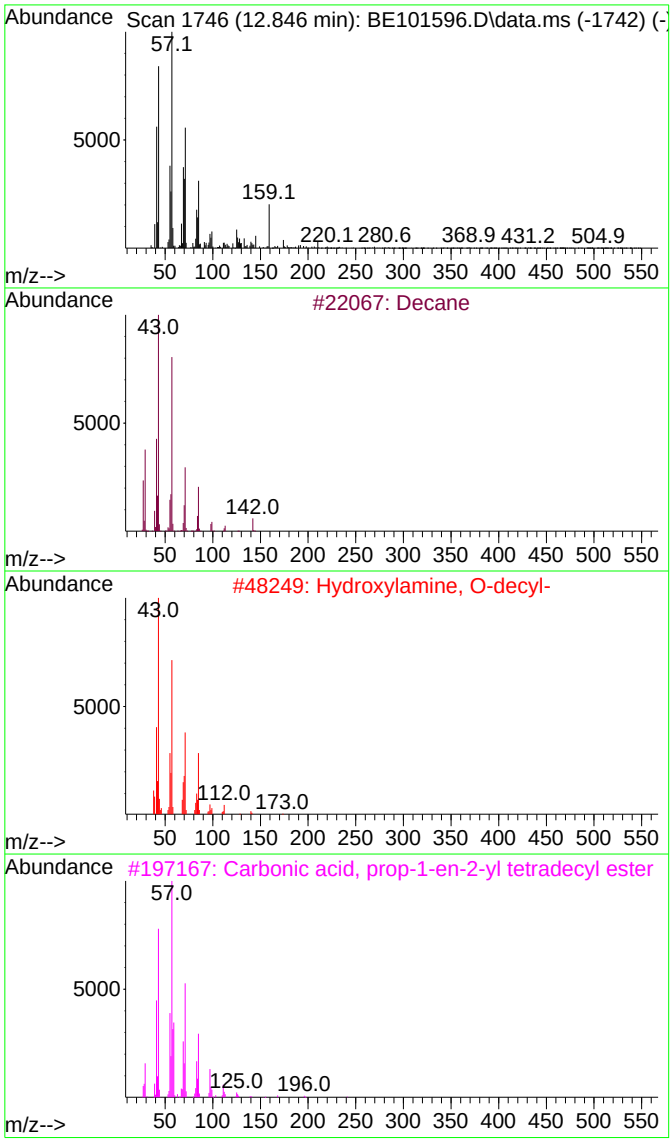
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

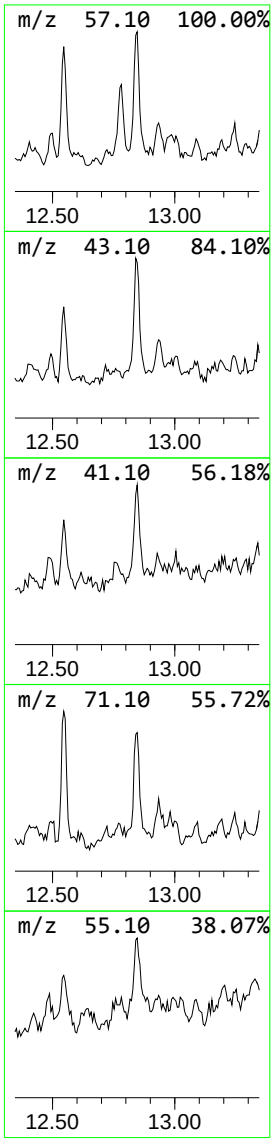
**********

Peak Number 3 Decane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.846 | 2.15 ng | 75041 | Acenaphthene-d10 | 14.162 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 76 |
| 2 | Hydroxylamine, O-decyl- | 173 | C10H23NO | 029812-79-1 | 72 |
| 3 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 64 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 52 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

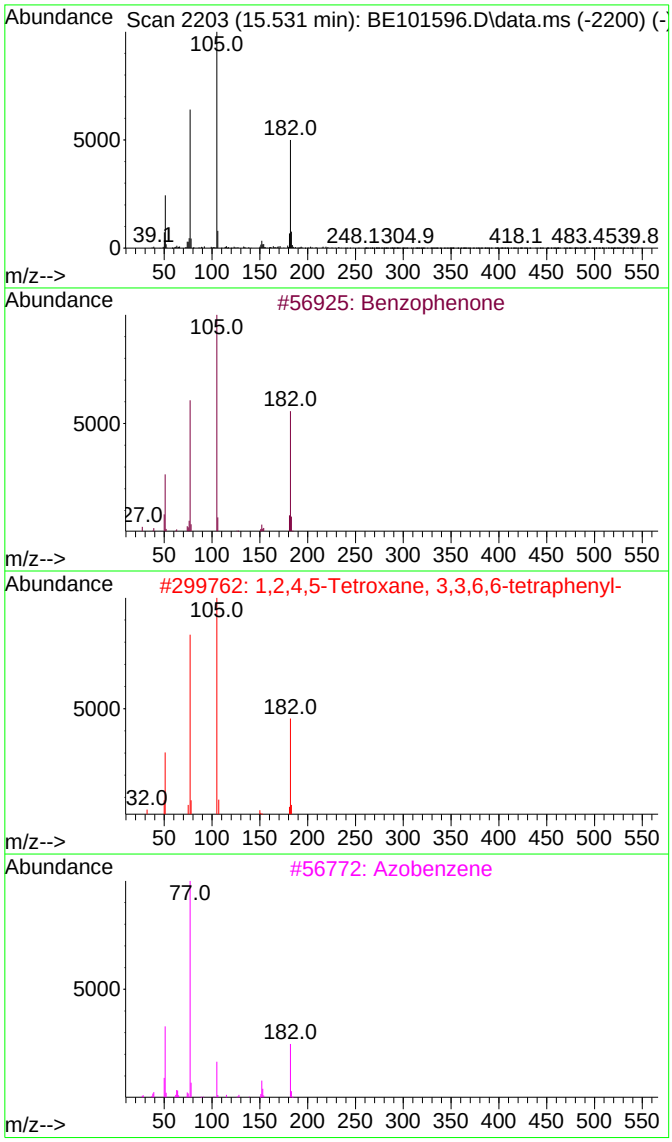
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

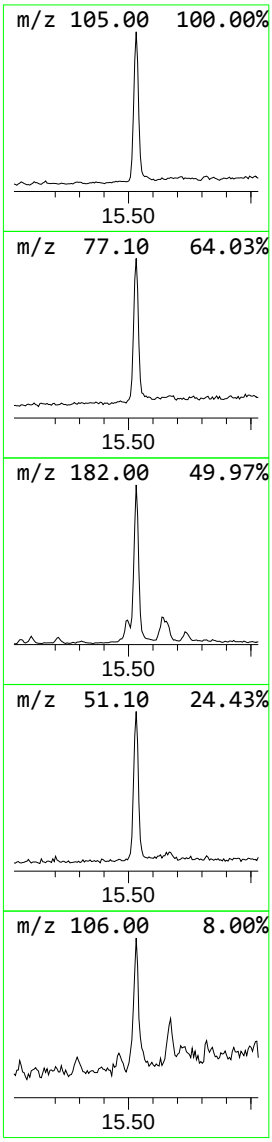
**********

Peak Number 4 Benzophenone Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.531 | 2.63 ng | 91492 | Acenaphthene-d10 | 14.162 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64 |
| 3 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 59 |
| 4 | Benzoic acid, 2-benzoyl- | 226 | C14H10O3 | 000085-52-9 | 56 |
| 5 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

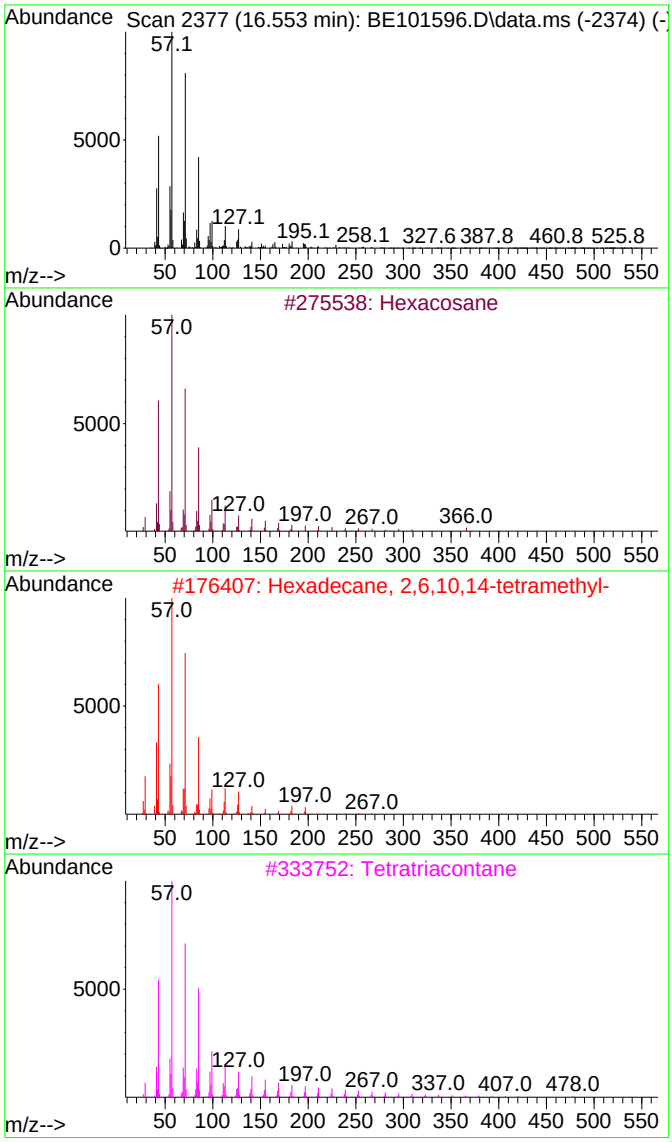
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

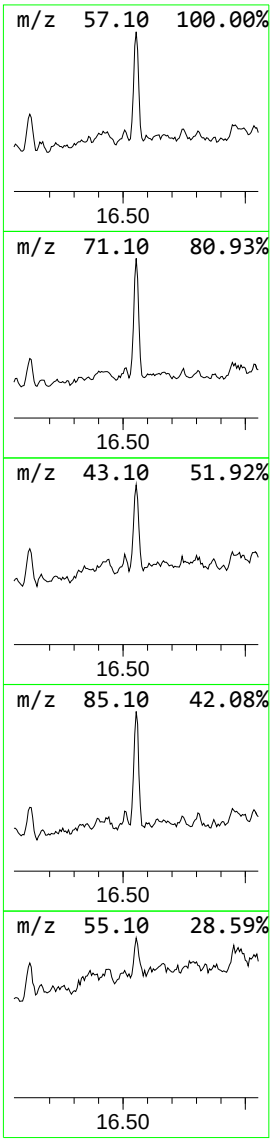
**********

Peak Number 5 Hexacosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.553 | 5.30 ng | 192526 | Phenanthrene-d10 | 16.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 90 |
| 3 | Tetratriacontane | 479 | C34H70 | 014167-59-0 | 86 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 86 |
| 5 | Disulfide, di-tert-dodecyl | 402 | C24H50S2 | 027458-90-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

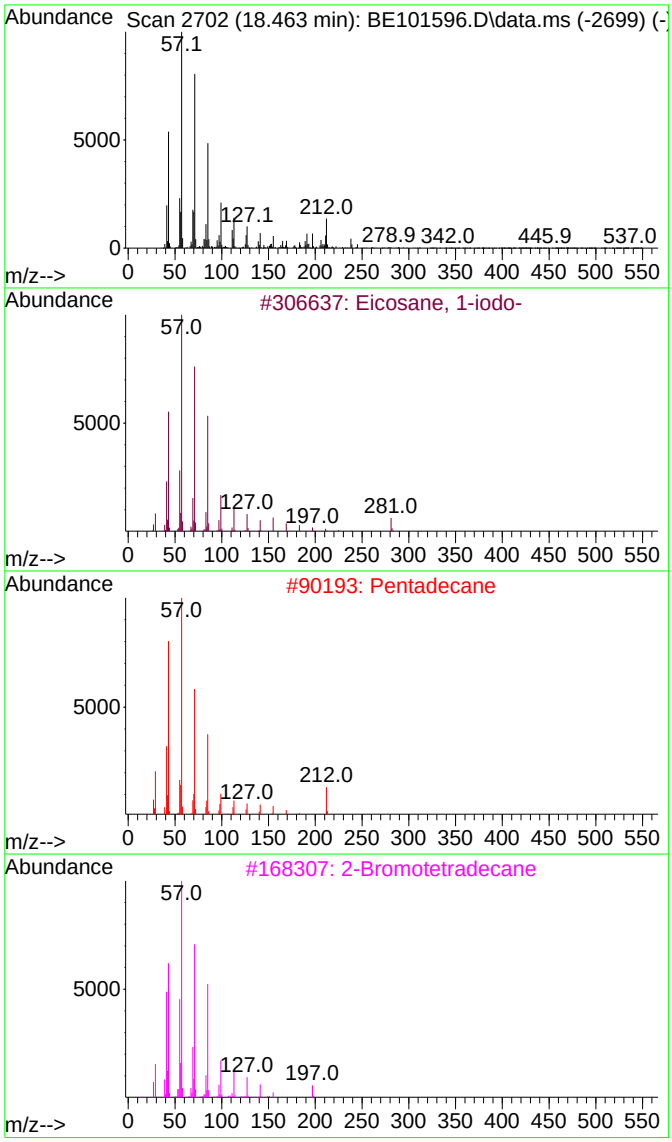
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

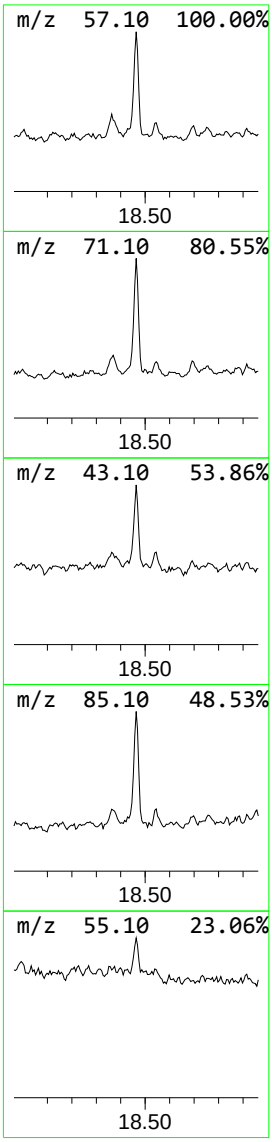
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Eicosane, 1-iodo- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.463 | 6.01 ng | 218369 | Phenanthrene-d10 | 16.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 1-iodo- | 408 | C20H41I | 1000406-31-8 | 87 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 83 |
| 3 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 83 |
| 4 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 83 |
| 5 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

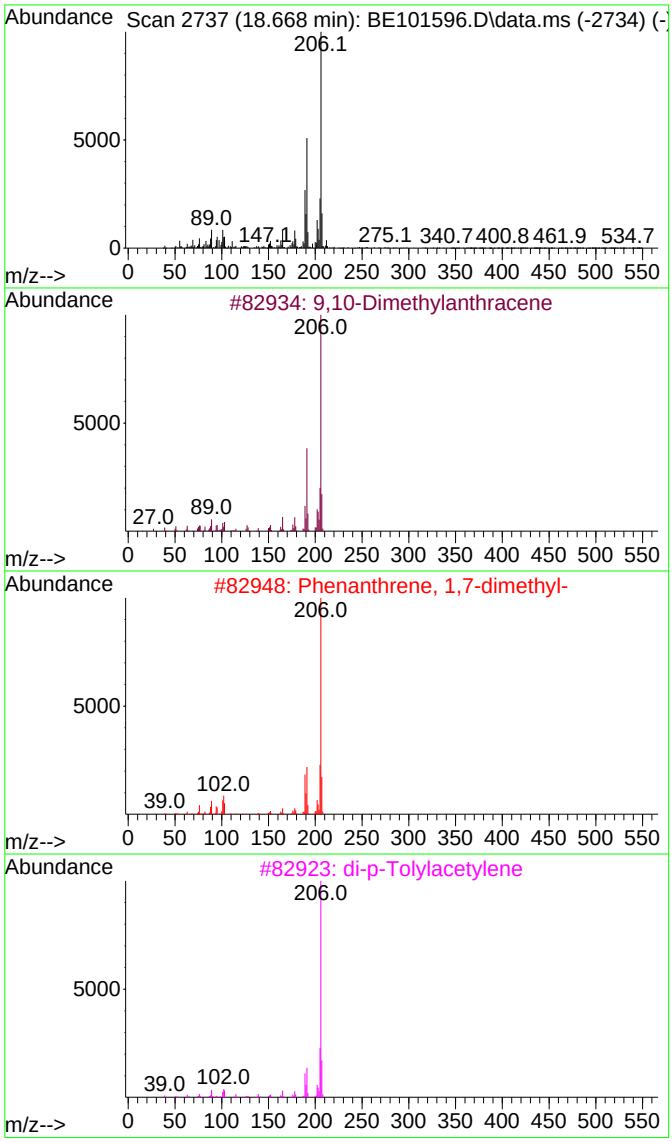
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

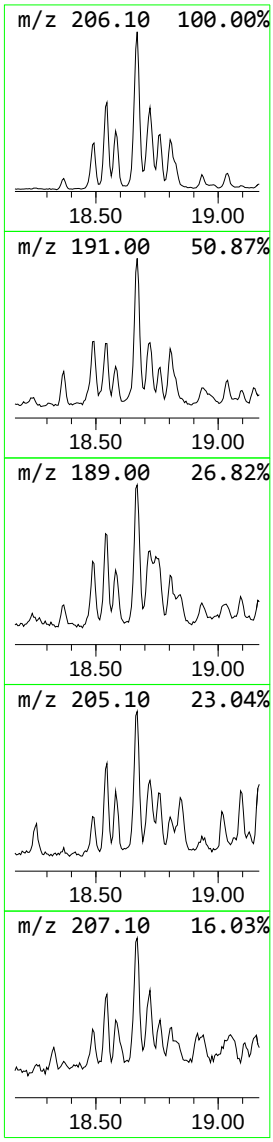
**********

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.669 | 5.63 ng | 204679 | Phenanthrene-d10 | 16.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 94 |
| 2 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 93 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 91 |
| 4 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 90 |
| 5 | 3-Methyl-1-phenyl-1H-indene | 206 | C16H14 | 022360-63-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

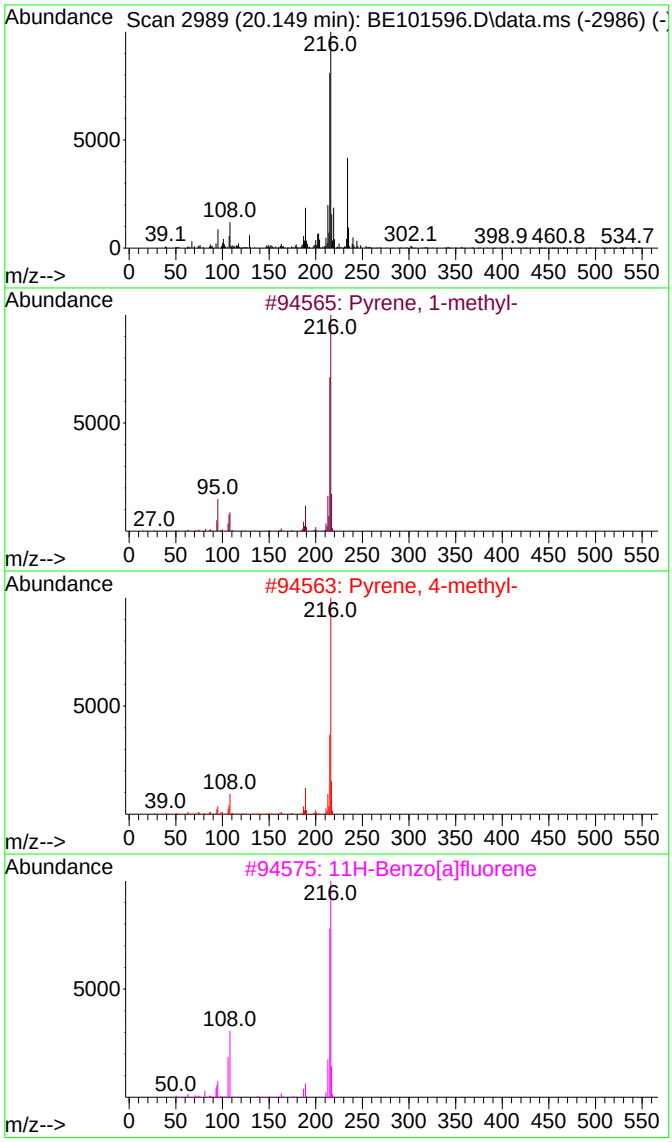
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

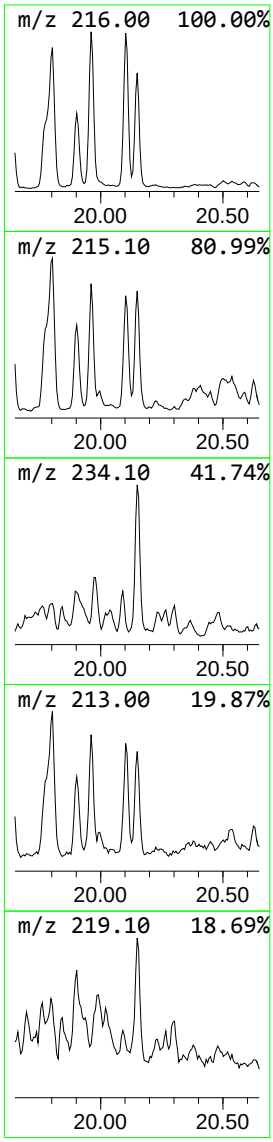
**********

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.149 | 3.31 ng | 286656 | Chrysene-d12 | 21.072 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 97 |
| 2 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 80 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 62 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 60 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

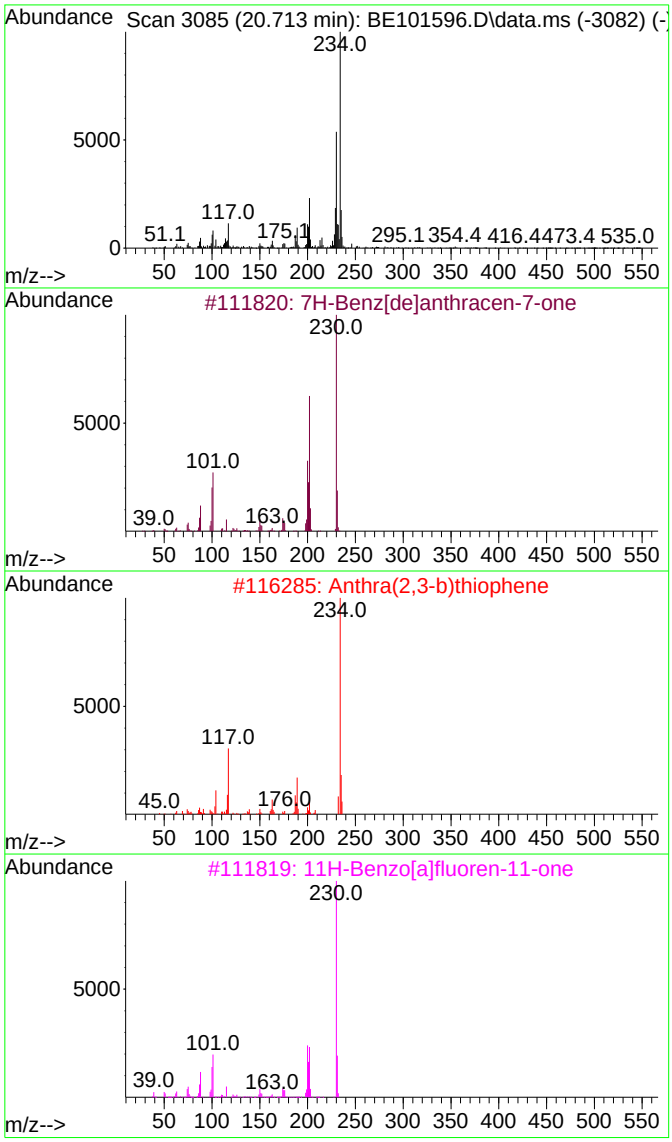
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

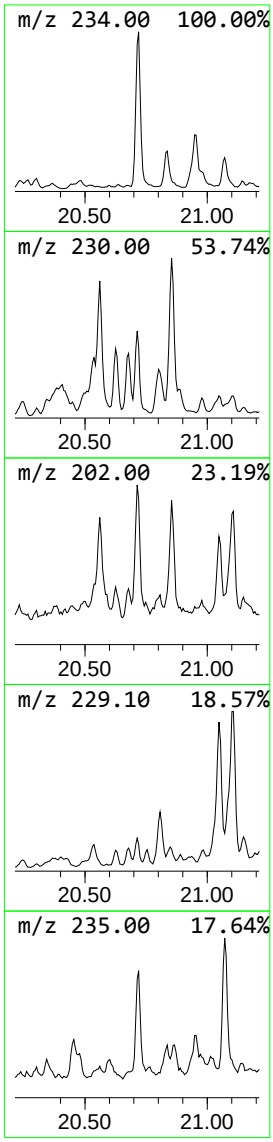
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 7H-Benz[de]anthracen-7-one Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.713 | 2.56 ng | 221280 | Chrysene-d12 | 21.072 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 93 |
| 2 | Anthra(2,3-b)thiophene | 234 | C16H10S | 022108-55-0 | 89 |
| 3 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 74 |
| 4 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 60 |
| 5 | N-(4-Methylphenyl)quinolin-4-amine | 234 | C16H14N2 | 1000484-32-8 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

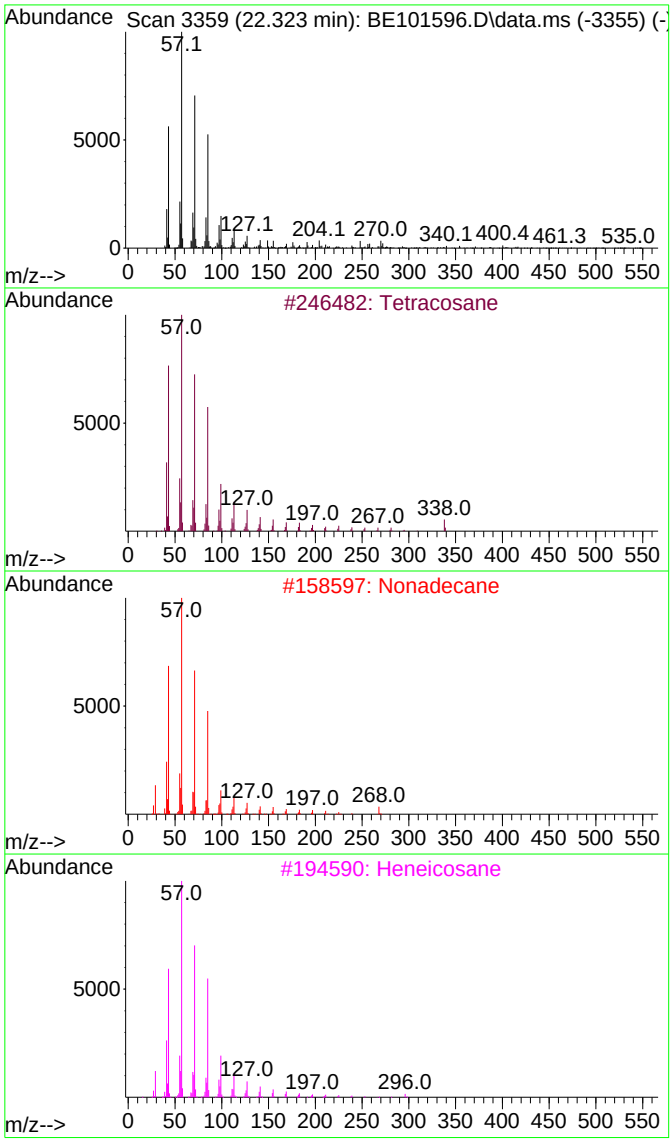
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

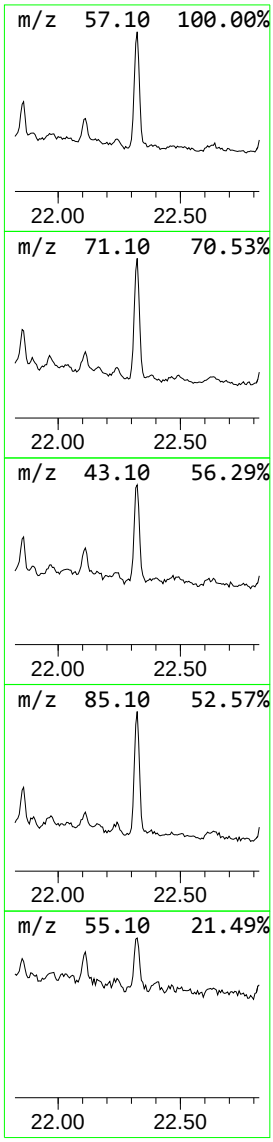
**********

Peak Number 10 Tetracosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.323 | 6.86 ng | 362048 | Perylene-d12 | 23.357 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 96 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 90 |
| 5 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

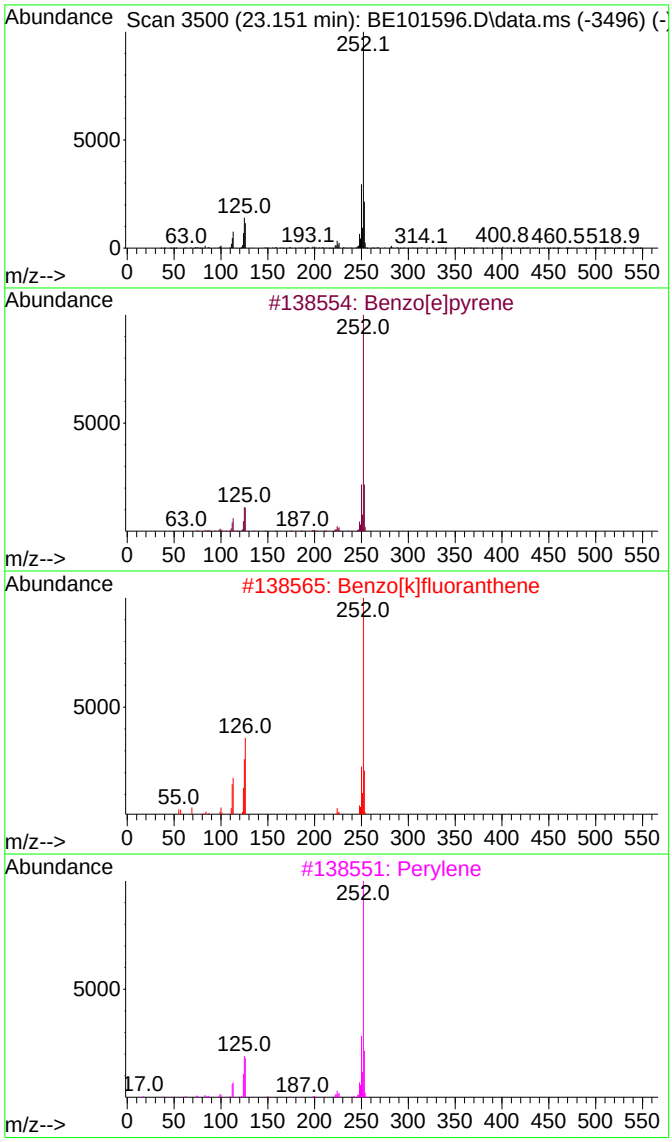
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

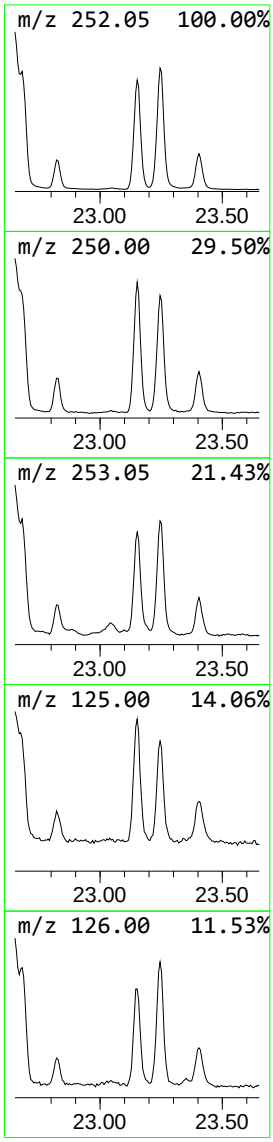
**********

Peak Number 11 Benzo[e]pyrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.151 | 15.99 ng | 844269 | Perylene-d12 | 23.357 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 96 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 96 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101596.D
Acq On : 13 Nov 2024 15:32
Operator : RC/JU
Sample : P4816-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
331

Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.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 |
| unknown2.658 | 2.658 | 13.5 | ng | 38476 | 1 | 7.546 | 57061 | 20.0 |
| Oxalic acid, al... | 11.577 | 2.2 | ng | 42995 | 2 | 10.313 | 385949 | 20.0 |
| Decane | 12.846 | 2.1 | ng | 75041 | 3 | 14.162 | 696810 | 20.0 |
| Benzophenone | 15.531 | 2.6 | ng | 91492 | 3 | 14.162 | 696810 | 20.0 |
| Hexacosane | 16.553 | 5.3 | ng | 192526 | 4 | 16.906 | 726909 | 20.0 |
| Eicosane, 1-iodo- | 18.463 | 6.0 | ng | 218369 | 4 | 16.906 | 726909 | 20.0 |
| 9,10-Dimethylan... | 18.669 | 5.6 | ng | 204679 | 4 | 16.906 | 726909 | 20.0 |
| Pyrene, 1-methyl- | 20.149 | 3.3 | ng | 286656 | 5 | 21.072 | 1729800 | 20.0 |
| 7H-Benz[de]anth... | 20.713 | 2.6 | ng | 221280 | 5 | 21.072 | 1729800 | 20.0 |
| Tetracosane | 22.323 | 6.9 | ng | 362048 | 6 | 23.357 | 1055890 | 20.0 |
| Benzo[e]pyrene | 23.151 | 16.0 | ng | 844269 | 6 | 23.357 | 1055890 | 20.0 |