LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019708.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.093 | 163 | 171 | 180 | rBV | 21324986 | 32995759 | 44.00% | 4.803% |
| 2 | 5.211 | 355 | 361 | 372 | rVB | 1606972 | 2444693 | 3.26% | 0.356% |
| 3 | 5.405 | 388 | 394 | 401 | rVB | 856705 | 1253988 | 1.67% | 0.183% |
| 4 | 5.481 | 401 | 407 | 411 | rVV | 678092 | 1024398 | 1.37% | 0.149% |
| 5 | 5.540 | 411 | 417 | 428 | rVB | 2429227 | 5305059 | 7.07% | 0.772% |
| 6 | 5.905 | 469 | 479 | 487 | rVB3 | 1233185 | 2931327 | 3.91% | 0.427% |
| 7 | 7.187 | 676 | 697 | 701 | rBV | 14220159 | 54924700 | 73.24% | 7.994% |
| 8 | 7.552 | 754 | 759 | 765 | rVB | 517152 | 825647 | 1.10% | 0.120% |
| 9 | 7.940 | 821 | 825 | 830 | rVV | 782579 | 1253733 | 1.67% | 0.182% |
| 10 | 8.163 | 858 | 863 | 869 | rVB | 528906 | 887037 | 1.18% | 0.129% |
| 11 | 8.381 | 887 | 900 | 905 | rBV | 9077873 | 18145207 | 24.20% | 2.641% |
| 12 | 8.710 | 941 | 956 | 964 | rBV | 6812520 | 14129835 | 18.84% | 2.057% |
| 13 | 9.081 | 1012 | 1019 | 1023 | rBV | 446096 | 758955 | 1.01% | 0.110% |
| 14 | 9.334 | 1053 | 1062 | 1073 | rBV | 916970 | 1577036 | 2.10% | 0.230% |
| 15 | 9.904 | 1149 | 1159 | 1169 | rBV | 4615822 | 8428791 | 11.24% | 1.227% |
| 16 | 10.140 | 1191 | 1199 | 1208 | rVB2 | 5468572 | 10139683 | 13.52% | 1.476% |
| 17 | 10.334 | 1225 | 1232 | 1241 | rVB | 488681 | 861642 | 1.15% | 0.125% |
| 18 | 10.751 | 1298 | 1303 | 1315 | rVB | 2903056 | 5582925 | 7.44% | 0.813% |
| 19 | 10.857 | 1315 | 1321 | 1330 | rVB | 977956 | 1624260 | 2.17% | 0.236% |
| 20 | 11.075 | 1349 | 1358 | 1370 | rBV | 905209 | 1813647 | 2.42% | 0.264% |
| 21 | 11.251 | 1380 | 1388 | 1396 | rBV | 1278749 | 2136267 | 2.85% | 0.311% |
| 22 | 11.546 | 1428 | 1438 | 1445 | rBV3 | 1184013 | 2277056 | 3.04% | 0.331% |
| 23 | 11.728 | 1456 | 1469 | 1475 | rBV | 2848796 | 5339466 | 7.12% | 0.777% |
| 24 | 12.110 | 1518 | 1534 | 1538 | rBV | 19590161 | 55814185 | 74.43% | 8.124% |
| 25 | 12.898 | 1662 | 1668 | 1672 | rBV2 | 749655 | 1352557 | 1.80% | 0.197% |
| 26 | 12.945 | 1672 | 1676 | 1682 | rVV2 | 506221 | 900575 | 1.20% | 0.131% |
| 27 | 13.163 | 1703 | 1713 | 1717 | rBV | 1204807 | 1967433 | 2.62% | 0.286% |
| 28 | 13.210 | 1717 | 1721 | 1728 | rVV2 | 501443 | 1010839 | 1.35% | 0.147% |
| 29 | 13.387 | 1743 | 1751 | 1761 | rBV2 | 9894609 | 19586944 | 26.12% | 2.851% |
| 30 | 13.622 | 1779 | 1791 | 1796 | rBV | 15451183 | 26890272 | 35.86% | 3.914% |
| 31 | 14.445 | 1917 | 1931 | 1935 | rBV | 25522250 | 66388658 | 88.53% | 9.663% |
| 32 | 14.569 | 1943 | 1952 | 1956 | rVV | 23413876 | 43883440 | 58.52% | 6.387% |
| 33 | 14.634 | 1956 | 1963 | 1969 | rVB | 4761320 | 6214848 | 8.29% | 0.905% |
| 34 | 14.828 | 1993 | 1996 | 2009 | rVB3 | 575389 | 1072761 | 1.43% | 0.156% |
| 35 | 14.987 | 2018 | 2023 | 2029 | rVV3 | 625599 | 1076678 | 1.44% | 0.157% |
| 36 | 15.051 | 2029 | 2034 | 2038 | rVV3 | 835042 | 1420818 | 1.89% | 0.207% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.098 | 2038 | 2042 | 2049 | rVB | 1102152 | 1928223 | 2.57% | 0.281% |
| 38 | 15.410 | 2076 | 2095 | 2104 | rBV3 | 3101990 | 6782749 | 9.04% | 0.987% |
| 39 | 15.551 | 2111 | 2119 | 2126 | rBV | 7912608 | 11709544 | 15.61% | 1.704% |
| 40 | 15.622 | 2126 | 2131 | 2139 | rVV | 1289580 | 2486233 | 3.32% | 0.362% |
| 41 | 15.710 | 2139 | 2146 | 2152 | rVB2 | 2265022 | 4003029 | 5.34% | 0.583% |
| 42 | 16.028 | 2193 | 2200 | 2202 | rVV3 | 1469415 | 3052967 | 4.07% | 0.444% |
| 43 | 16.057 | 2202 | 2205 | 2210 | rVB | 2199060 | 3045333 | 4.06% | 0.443% |
| 44 | 16.563 | 2285 | 2291 | 2302 | rBV | 3091694 | 4941776 | 6.59% | 0.719% |
| 45 | 16.992 | 2359 | 2364 | 2369 | rBV | 732927 | 1011905 | 1.35% | 0.147% |
| 46 | 17.292 | 2412 | 2415 | 2420 | rVB | 579291 | 788148 | 1.05% | 0.115% |
| 47 | 18.228 | 2565 | 2574 | 2578 | rBV4 | 6322408 | 13845792 | 18.46% | 2.015% |
| 48 | 18.275 | 2578 | 2582 | 2586 | rVB | 11080258 | 14393070 | 19.19% | 2.095% |
| 49 | 18.463 | 2610 | 2614 | 2619 | rVV2 | 1613543 | 2341153 | 3.12% | 0.341% |
| 50 | 18.610 | 2636 | 2639 | 2644 | rBV | 556918 | 941512 | 1.26% | 0.137% |
| 51 | 18.680 | 2644 | 2651 | 2658 | rVB | 7411957 | 10919441 | 14.56% | 1.589% |
| 52 | 18.951 | 2690 | 2697 | 2701 | rBV3 | 1055989 | 1698418 | 2.26% | 0.247% |
| 53 | 19.051 | 2707 | 2714 | 2716 | rVV3 | 6927367 | 11761951 | 15.68% | 1.712% |
| 54 | 19.086 | 2716 | 2720 | 2729 | rVB | 7737457 | 12169474 | 16.23% | 1.771% |
| 55 | 19.192 | 2732 | 2738 | 2741 | rBV3 | 519160 | 944197 | 1.26% | 0.137% |
| 56 | 19.363 | 2752 | 2767 | 2775 | rBV4 | 9129719 | 30813915 | 41.09% | 4.485% |
| 57 | 19.463 | 2779 | 2784 | 2785 | rBV | 3528637 | 4396223 | 5.86% | 0.640% |
| 58 | 19.516 | 2791 | 2793 | 2799 | rVB3 | 942594 | 1169043 | 1.56% | 0.170% |
| 59 | 19.586 | 2800 | 2805 | 2812 | rBV4 | 563183 | 1629414 | 2.17% | 0.237% |
| 60 | 19.651 | 2812 | 2816 | 2820 | rVV4 | 724034 | 1275238 | 1.70% | 0.186% |
| 61 | 19.704 | 2820 | 2825 | 2832 | rVB2 | 497857 | 1071672 | 1.43% | 0.156% |
| 62 | 19.786 | 2834 | 2839 | 2840 | rBV | 861953 | 1151613 | 1.54% | 0.168% |
| 63 | 19.810 | 2840 | 2843 | 2845 | rVV | 1308314 | 1898856 | 2.53% | 0.276% |
| 64 | 19.833 | 2845 | 2847 | 2848 | rVV | 1499371 | 1474328 | 1.97% | 0.215% |
| 65 | 19.863 | 2848 | 2852 | 2857 | rVB | 4820454 | 6684907 | 8.91% | 0.973% |
| 66 | 19.969 | 2863 | 2870 | 2876 | rBV3 | 730834 | 1491412 | 1.99% | 0.217% |
| 67 | 20.069 | 2883 | 2887 | 2890 | rBV2 | 855623 | 1335685 | 1.78% | 0.194% |
| 68 | 20.157 | 2895 | 2902 | 2907 | rBV3 | 3947095 | 6549459 | 8.73% | 0.953% |
| 69 | 20.286 | 2921 | 2924 | 2927 | rBV2 | 983028 | 1362421 | 1.82% | 0.198% |
| 70 | 20.369 | 2935 | 2938 | 2940 | rBV | 659315 | 933301 | 1.24% | 0.136% |
| 71 | 20.392 | 2940 | 2942 | 2944 | rVV4 | 899983 | 1165543 | 1.55% | 0.170% |
| 72 | 20.427 | 2944 | 2948 | 2951 | rVB | 4344538 | 5193885 | 6.93% | 0.756% |
| 73 | 20.522 | 2960 | 2964 | 2972 | rBV2 | 1832816 | 3725540 | 4.97% | 0.542% |
| 74 | 20.598 | 2972 | 2977 | 2982 | rVV | 5673172 | 7708983 | 10.28% | 1.122% |
| 75 | 20.645 | 2982 | 2985 | 2995 | rVB5 | 1558790 | 2956112 | 3.94% | 0.430% |
| 76 | 20.733 | 2995 | 3000 | 3004 | rBV4 | 501320 | 863260 | 1.15% | 0.126% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

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-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 21.027 | 3045 | 3050 | 3054 | rVB | 6921262 | 8275241 | 11.03% | 1.204% |
| 78 | 21.092 | 3056 | 3061 | 3062 | rBV4 | 1036559 | 1358904 | 1.81% | 0.198% |
| 79 | 21.351 | 3094 | 3105 | 3110 | rBV3 | 27939128 | 74990968 | 100.00% | 10.915% |
| 80 | 22.010 | 3213 | 3217 | 3225 | rVB | 1702362 | 2439224 | 3.25% | 0.355% |
| 81 | 23.810 | 3518 | 3523 | 3531 | rVB | 536029 | 1120113 | 1.49% | 0.163% |
| 82 | 25.186 | 3753 | 3757 | 3769 | rVB4 | 327771 | 1010164 | 1.35% | 0.147% |

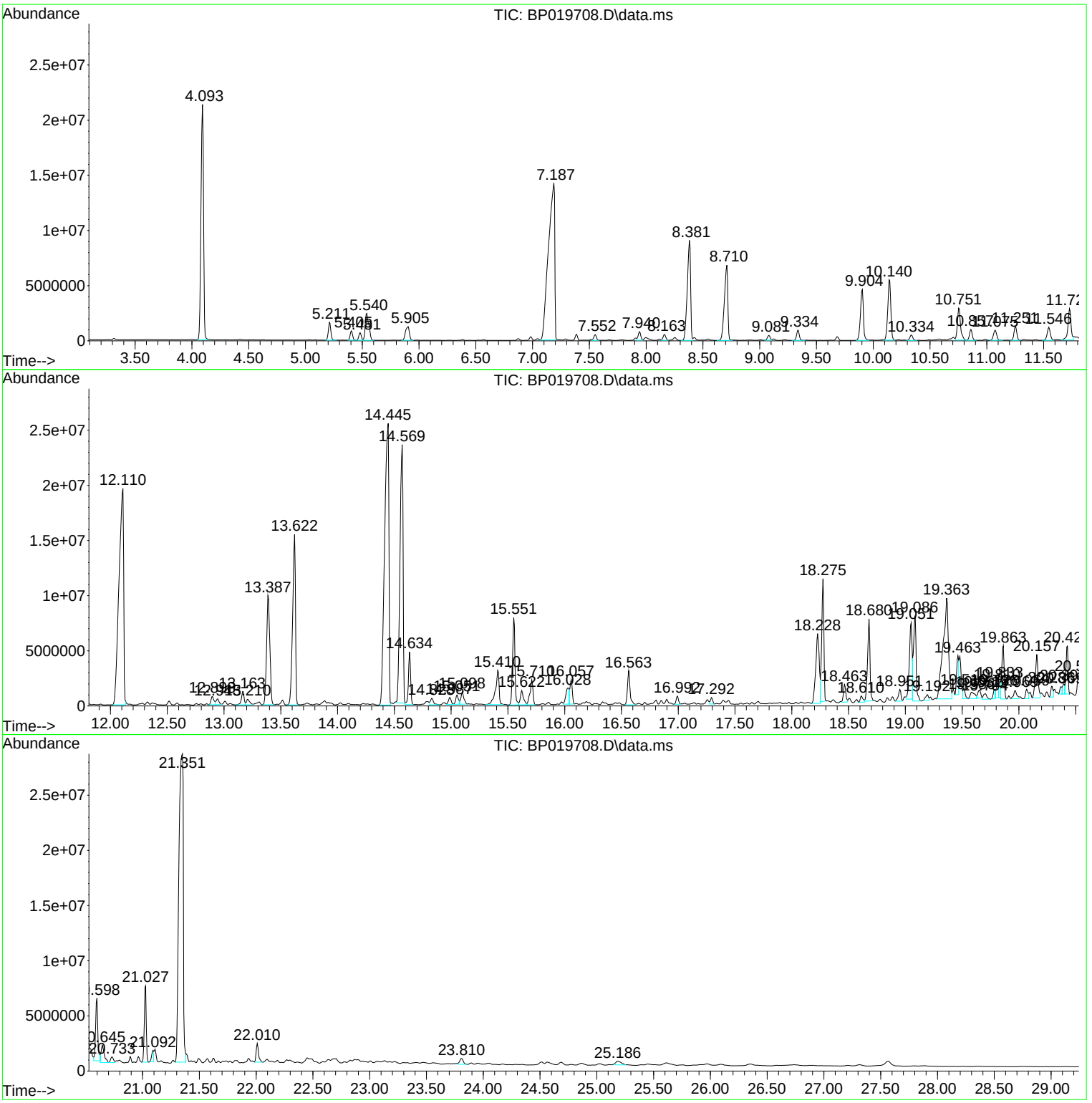
Sum of corrected areas: 687051458

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

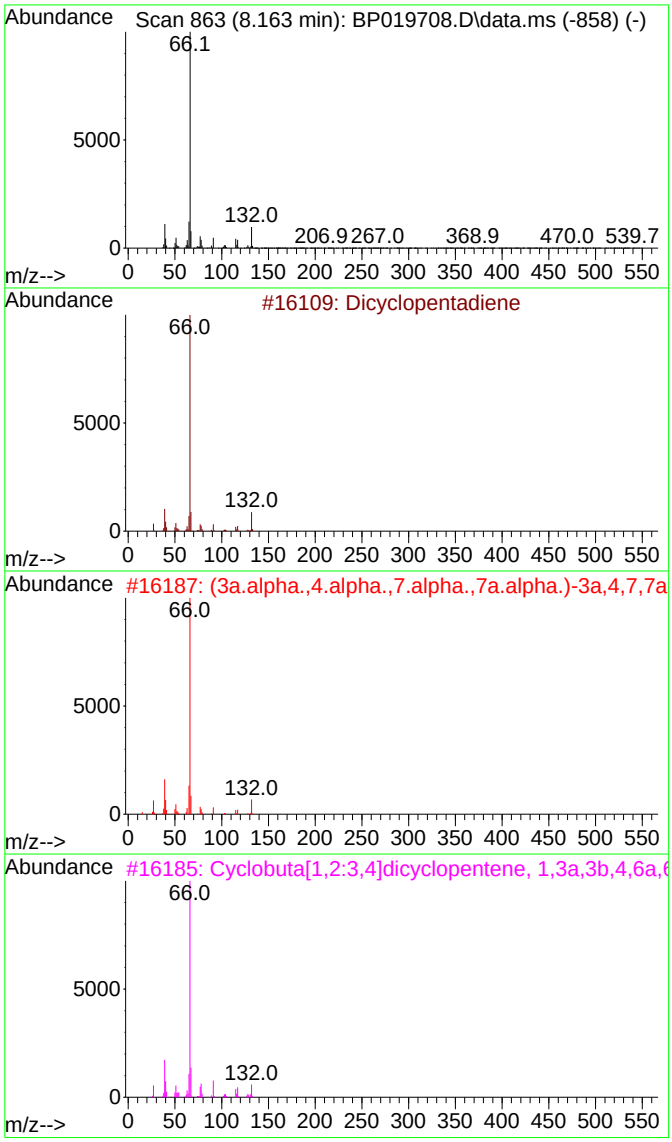
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

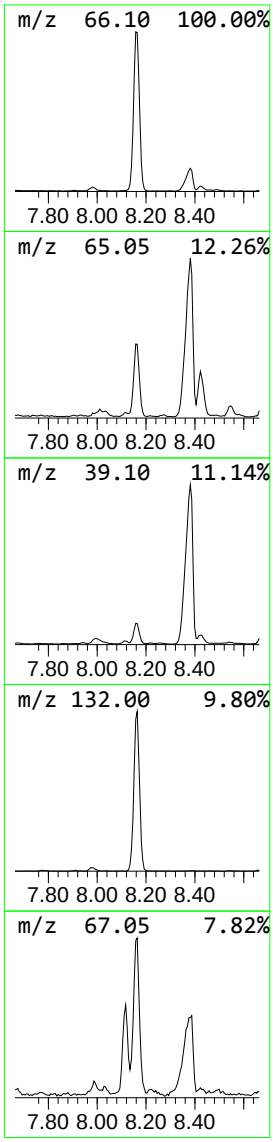
**********

Peak Number 6 Dicyclopentadiene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.163 | 14.15 ng | 887037 | 1,4-Dichlorobenzene-d4 | 7.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dicyclopentadiene | 132 | C10H12 | 000077-73-6 | 91 |
| 2 | (3a.alpha.,4.alpha.,7.alpha.,7a.... | 132 | C10H12 | 001755-01-7 | 91 |
| 3 | Cyclobuta[1,2:3,4]dicyclopentene... | 132 | C10H12 | 105226-58-2 | 90 |
| 4 | 1,3,4-Metheno-1H-cyclobuta[cd]pe... | 132 | C10H12 | 006707-88-6 | 83 |
| 5 | Bicyclo[2.2.1]hept-2-ene, 5-ethe... | 120 | C9H12 | 003048-64-4 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

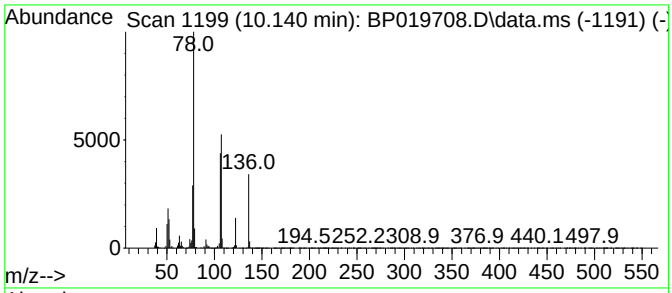
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

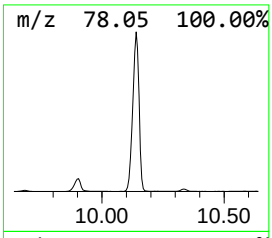
**********

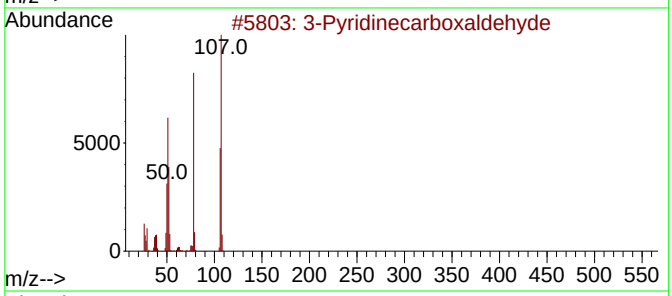
Peak Number 7 3-Pyridinecarboxaldehyde Concentration Rank 12

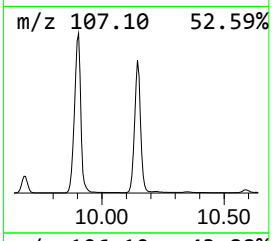
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.140 | 36.32 ng | 10139700 | Naphthalene-d8 | 10.704 |

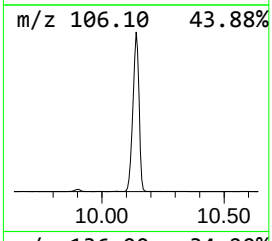
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Pyridinecarboxaldehyde | 107 | C6H5NO | 000500-22-1 | 87 |
| 2 | 4H-1,3-Benzodioxin | 136 | C8H8O2 | 000254-27-3 | 87 |
| 3 | 2,4,6-Cycloheptatrien-1-one | 106 | C7H6O | 000539-80-0 | 74 |
| 4 | Benzene | 78 | C6H6 | 000071-43-2 | 68 |
| 5 | 2-Coumaranone | 134 | C8H6O2 | 000553-86-6 | 64 |

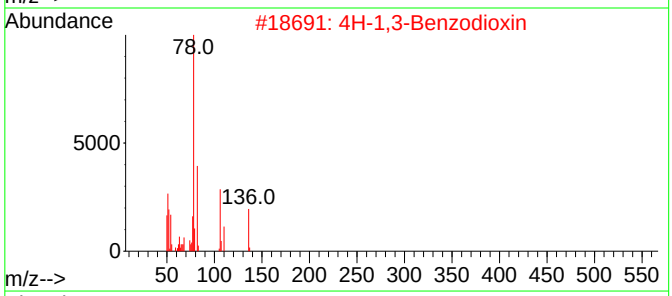


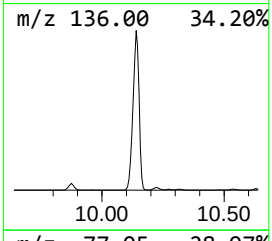



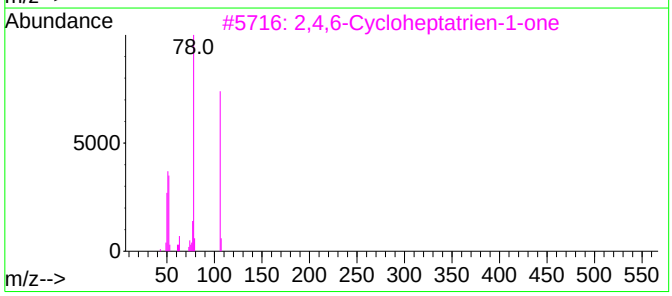



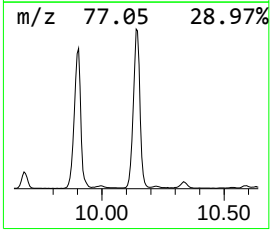



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

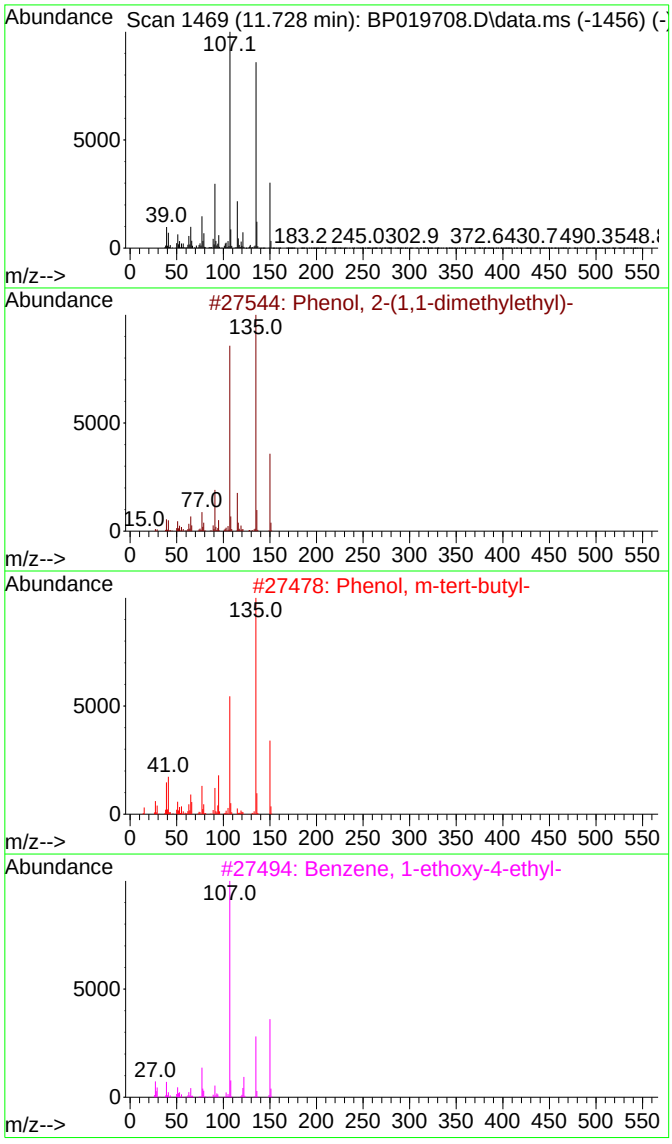
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

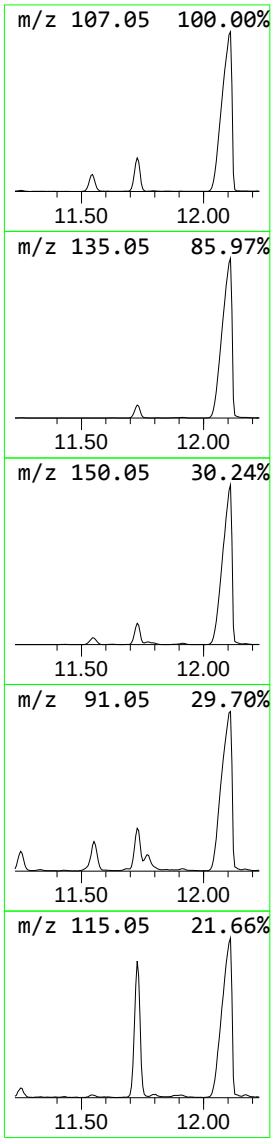
**********

Peak Number 8 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.728 | 19.13 ng | 5339470 | Naphthalene-d8 | 10.704 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-(1,1-dimethylethyl)- | 150 | C10H14O | 000088-18-6 | 95 |
| 2 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 58 |
| 3 | Benzene, 1-ethoxy-4-ethyl- | 150 | C10H14O | 001585-06-4 | 49 |
| 4 | 4-Hydroxy-2-methylacetophenone | 150 | C9H10O2 | 000875-59-2 | 49 |
| 5 | Cyclohexene, 2-ethenyl-1,3,3-tri... | 150 | C11H18 | 005293-90-3 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

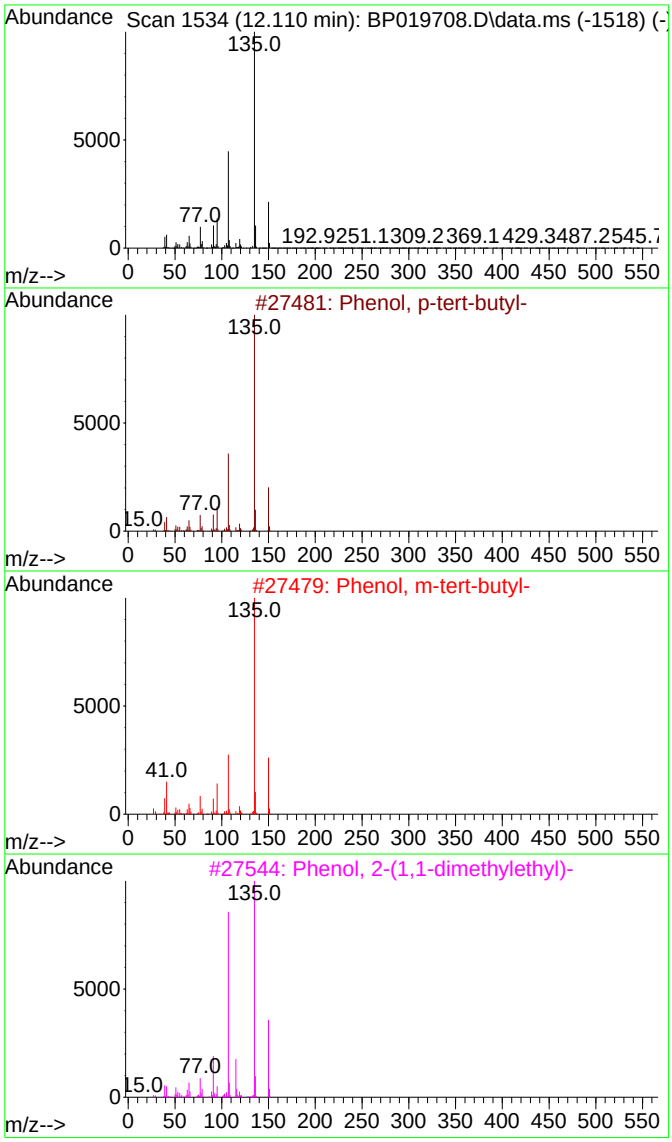
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

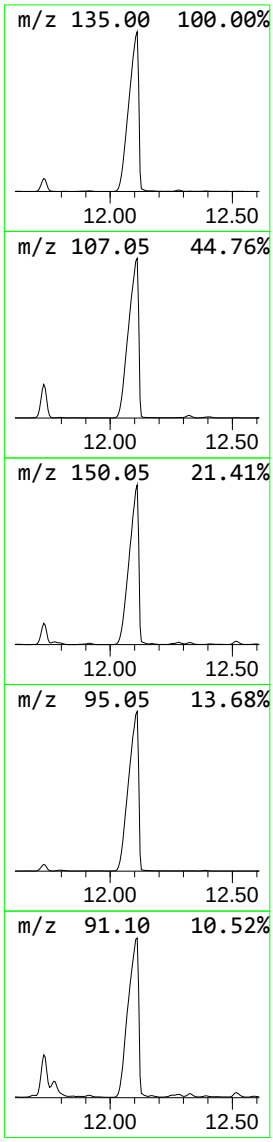
**********

Peak Number 9 Phenol, p-tert-butyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.110 | 199.95 ng | 55814200 | Naphthalene-d8 | 10.704 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 97 |
| 2 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 93 |
| 3 | Phenol, 2-(1,1-dimethylethyl)- | 150 | C10H14O | 000088-18-6 | 80 |
| 4 | Hexestrol, O-trifluoroacetyl- | 366 | C20H21F3O3 | 1000365-31-7 | 64 |
| 5 | Ethanone, 1-(2-hydroxy-5-methylp... | 150 | C9H10O2 | 001450-72-2 | 64 |



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Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

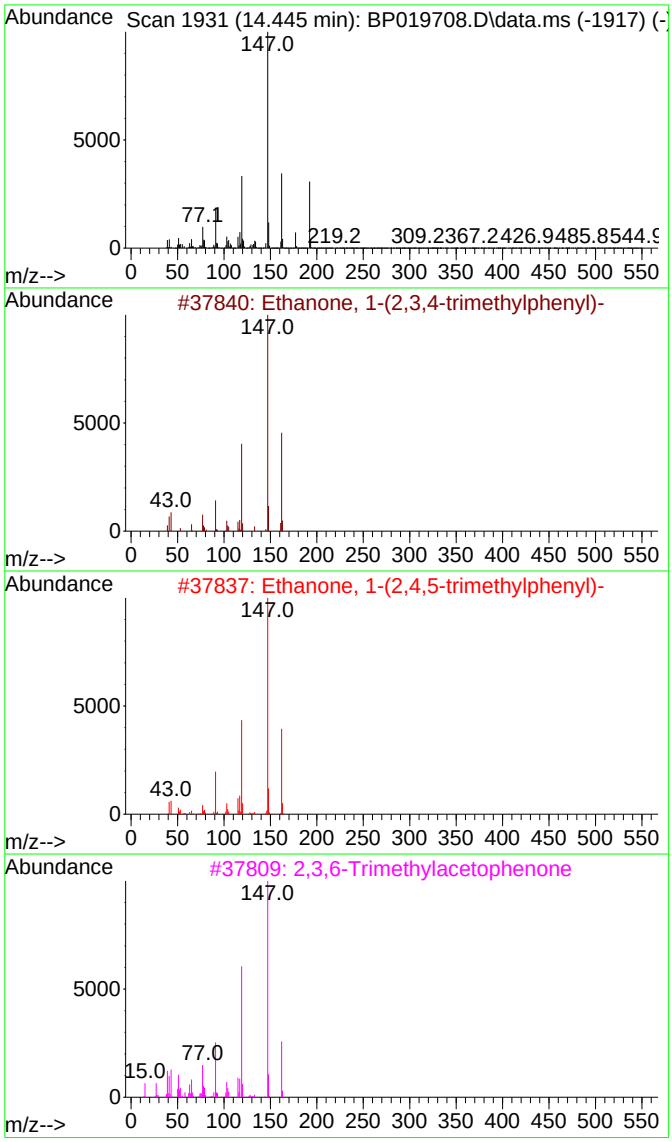
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

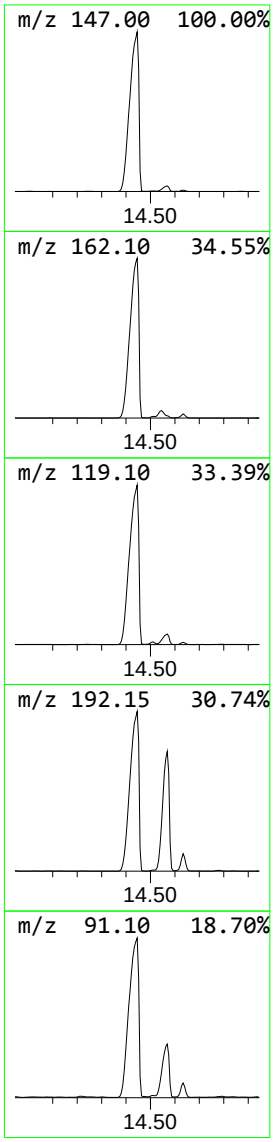
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Ethanone, 1-(2,3,4-trimethy... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.445 | 30.26 ng | 66388700 | Acenaphthene-d10 | 14.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(2,3,4-trimethylphen... | 162 | C11H14O | 001467-36-3 | 95 |
| 2 | Ethanone, 1-(2,4,5-trimethylphen... | 162 | C11H14O | 002040-07-5 | 94 |
| 3 | 2,3,6-Trimethylacetophenone | 162 | C11H14O | 1000342-30-1 | 81 |
| 4 | Benzene, 1,3-bis(1-methylethyl)- | 162 | C12H18 | 000099-62-7 | 81 |
| 5 | Ethanone, 1-(2,4,6-trimethylphen... | 162 | C11H14O | 001667-01-2 | 81 |



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Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

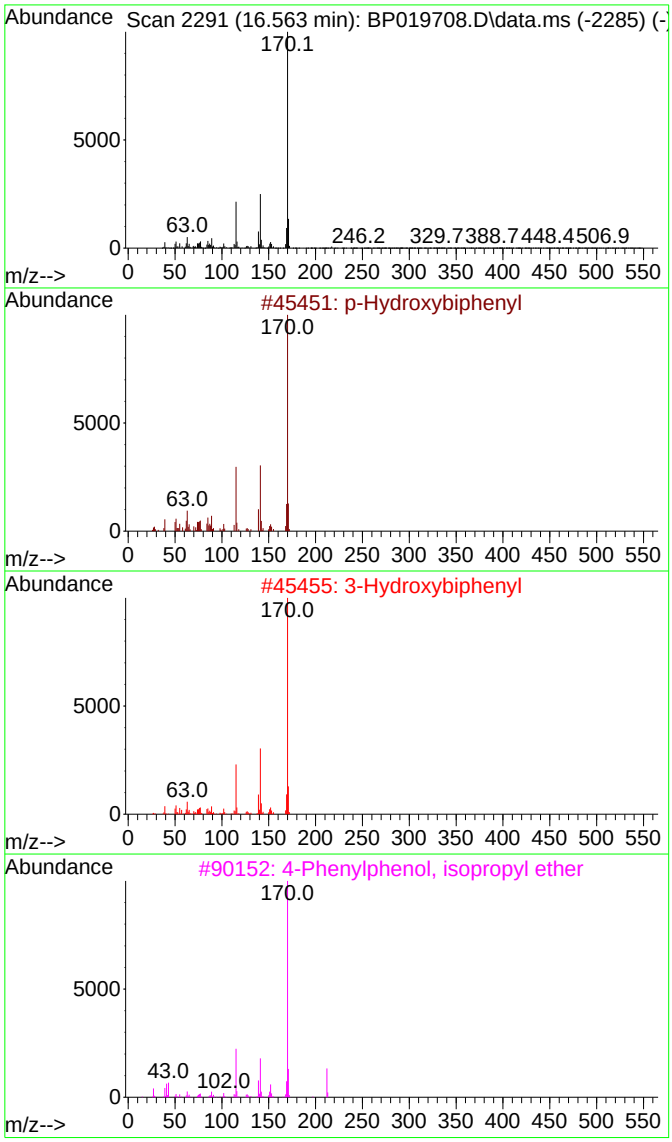
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

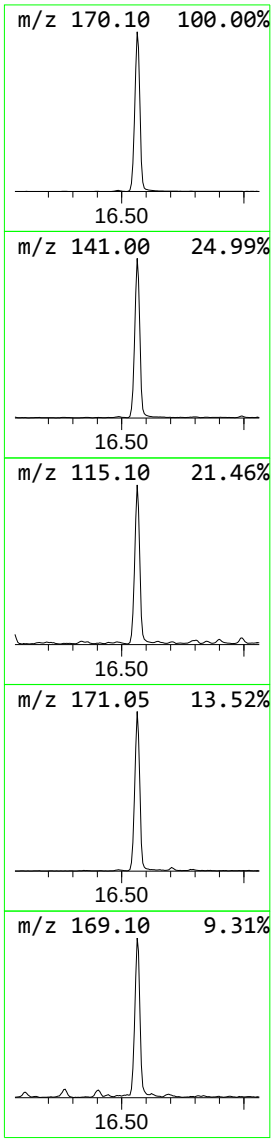
**********

Peak Number 11 p-Hydroxybiphenyl Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.563 | 125.40 ng | 4941780 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Hydroxybiphenyl | 170 | C12H10O | 000092-69-3 | 96 |
| 2 | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 96 |
| 3 | 4-Phenylphenol, isopropyl ether | 212 | C15H16O | 1000395-02-2 | 86 |
| 4 | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 86 |
| 5 | 3-Hydroxybiphenyl, acetate | 212 | C14H12O2 | 042861-69-8 | 86 |



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Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

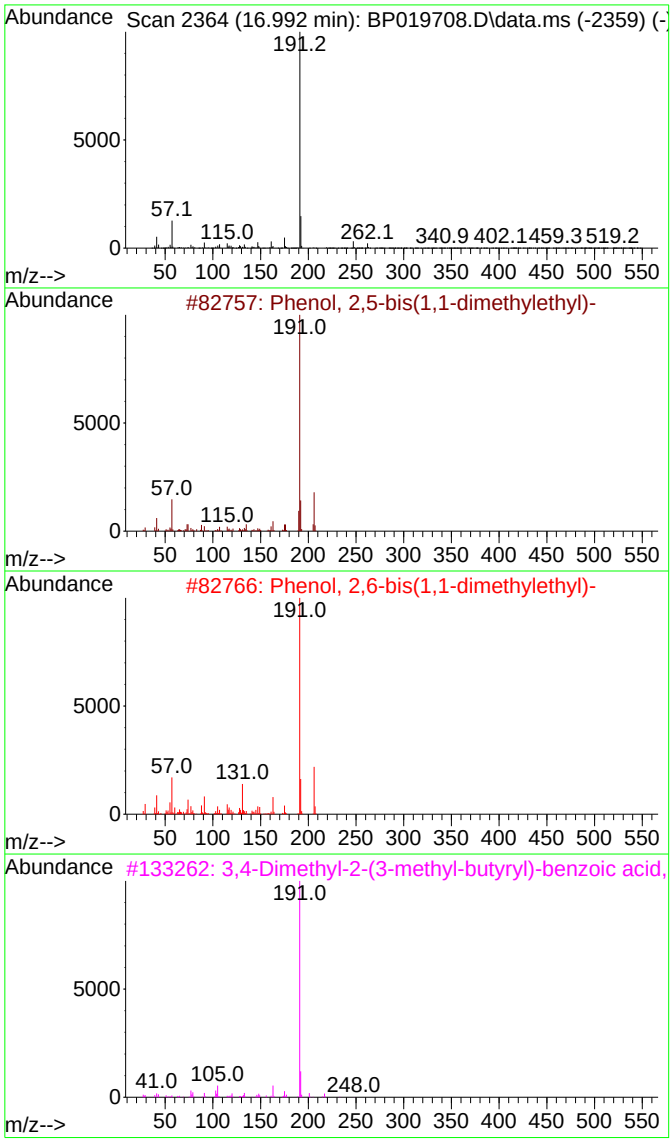
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

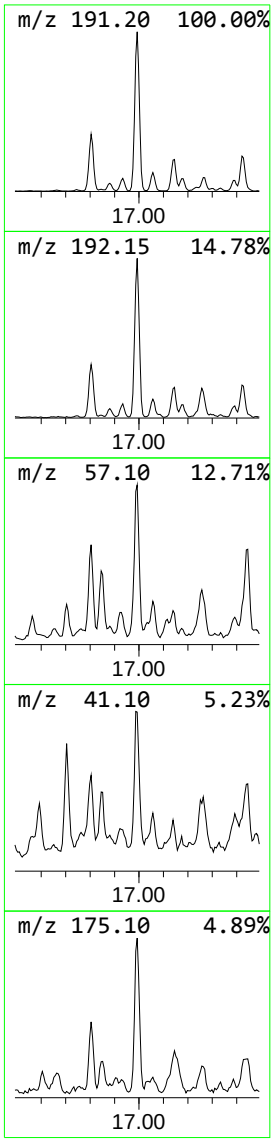
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Phenol, 2,5-bis(1,1-dimethy... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.992 | 25.68 ng | 1011910 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,5-bis(1,1-dimethylethyl)- | 206 | C14H22O | 005875-45-6 | 64 |
| 2 | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 56 |
| 3 | 3,4-Dimethyl-2-(3-methyl-butyryl... | 248 | C15H20O3 | 071940-29-9 | 50 |
| 4 | Pyrido[2,3-d]pyrimidine-5-carbox... | 262 | C12H14N4O3 | 1000276-80-5 | 50 |
| 5 | Isophthalic acid, 3,5-difluoroph... | 320 | C17H14F2O4 | 1000344-36-8 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

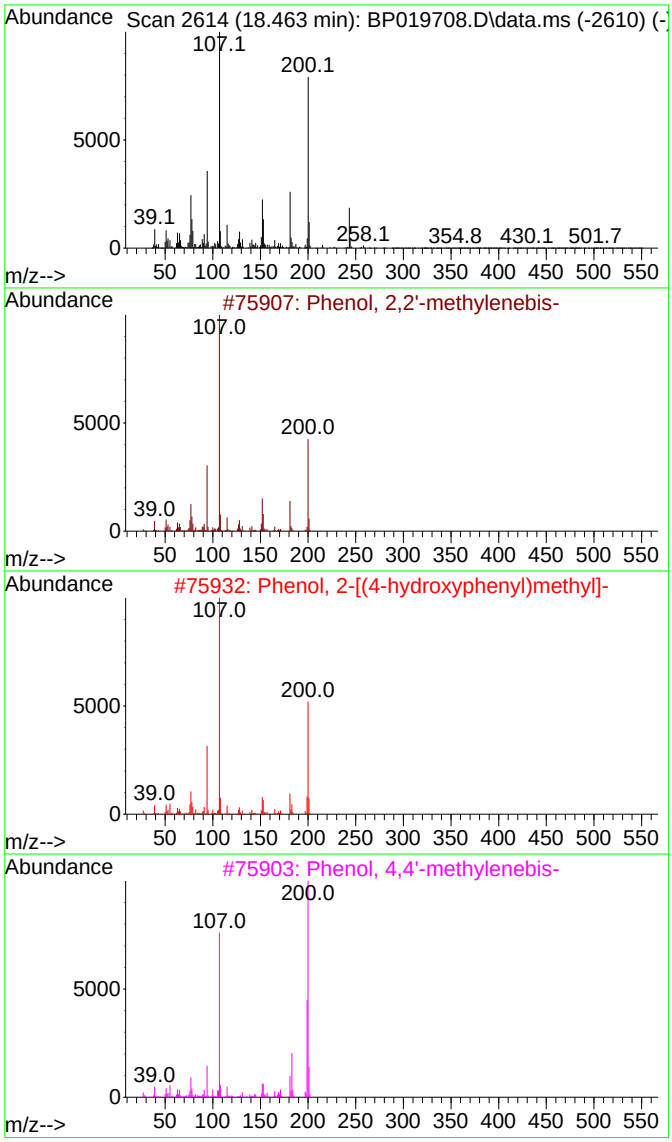
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

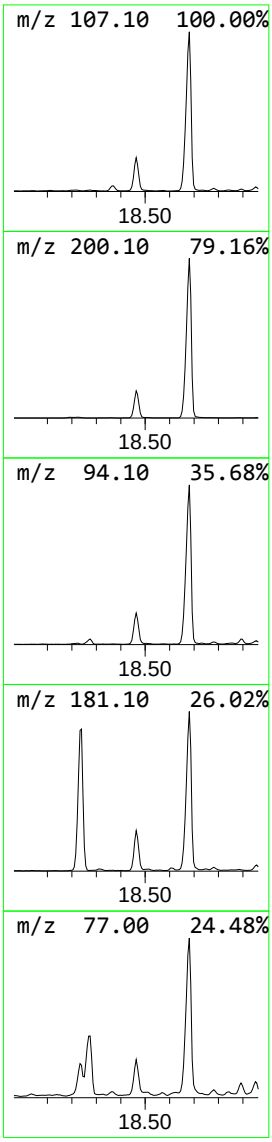
**********

Peak Number 13 Phenol, 2,2'-methylenebis- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.463 | 59.41 ng | 2341150 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 96 |
| 2 | Phenol, 2-[(4-hydroxyphenyl)meth... | 200 | C13H12O2 | 002467-03-0 | 81 |
| 3 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 74 |
| 4 | Benzenemethanol, 3-phenoxy- | 200 | C13H12O2 | 013826-35-2 | 46 |
| 5 | 4-(2-Methoxyethyl)phenol | 152 | C9H12O2 | 056718-71-9 | 38 |



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Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

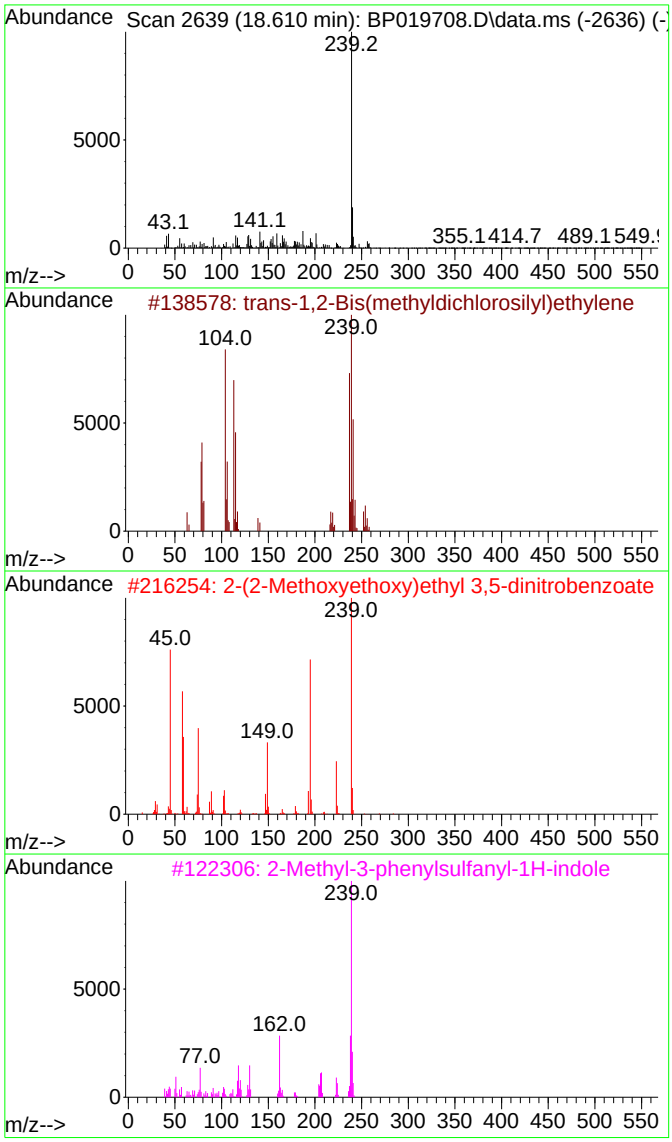
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

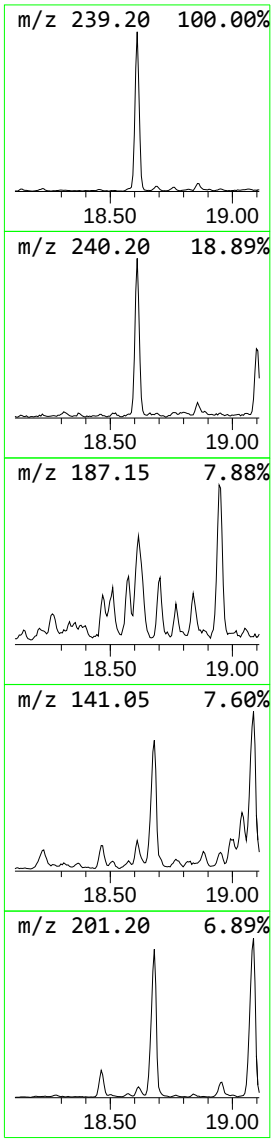
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 trans-1,2-Bis(methyldichlor... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.610 | 23.89 ng | 941512 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-1,2-Bis(methyldichlorosily... | 252 | C4H8Cl4Si2 | 065899-10-7 | 76 |
| 2 | 2-(2-Methoxyethoxy)ethyl 3,5-din... | 314 | C12H14N2O8 | 1000378-31-0 | 72 |
| 3 | 2-Methyl-3-phenylsulfanyl-1H-indole | 239 | C15H13NS | 1000322-52-7 | 64 |
| 4 | 1-[(4-Chlorophenyl)thioxomethyl]... | 239 | C12H14ClNS | 003335-29-3 | 59 |
| 5 | Fumaric acid, decyl 3-hexyl ester | 340 | C20H36O4 | 1000348-60-9 | 53 |



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Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

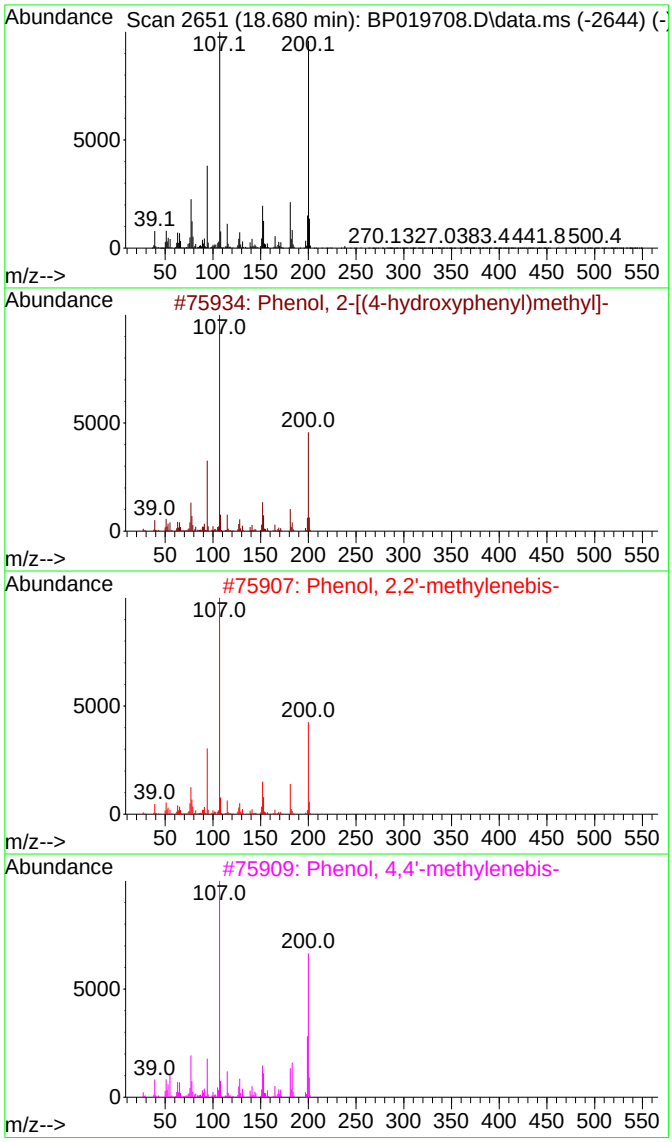
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

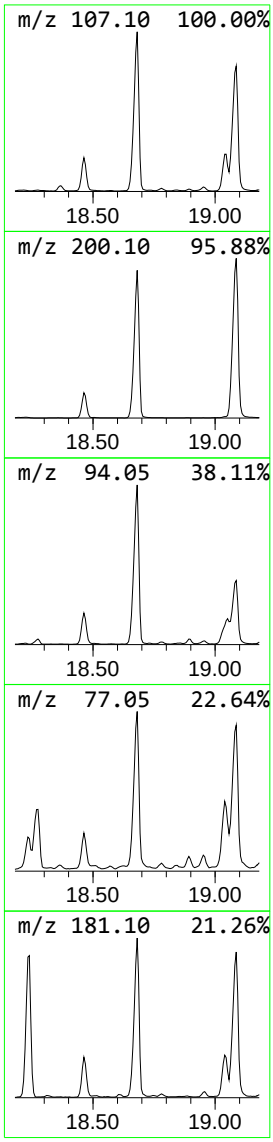
**********

Peak Number 15 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.680 | 277.09 ng | 10919400 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-[(4-hydroxyphenyl)meth... | 200 | C13H12O2 | 002467-03-0 | 97 |
| 2 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 93 |
| 3 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 81 |
| 4 | 1,3-Benzenediol, 4-(phenylmethyl)- | 200 | C13H12O2 | 002284-30-2 | 42 |
| 5 | 4-(2-Methoxyethyl)phenol | 152 | C9H12O2 | 056718-71-9 | 30 |



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Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

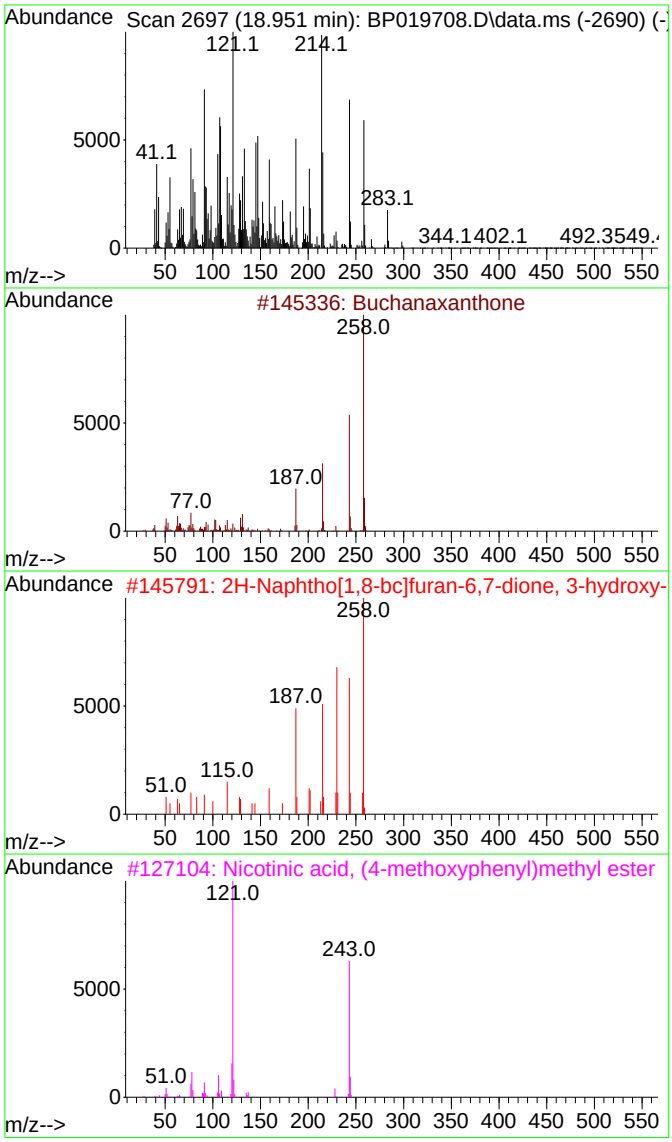
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

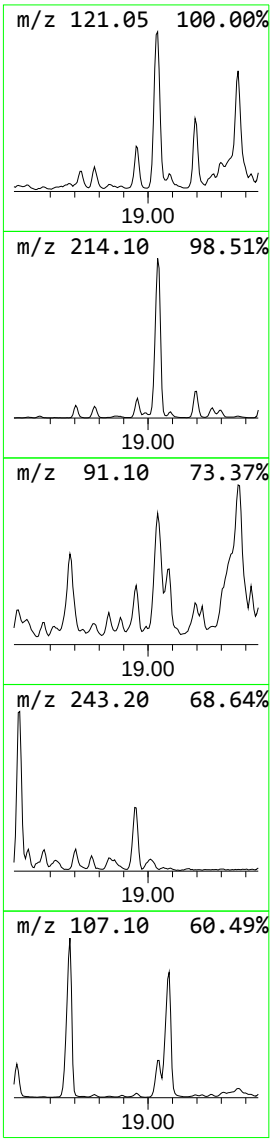
**********

Peak Number 16 unknown18.951 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.951 | 43.10 ng | 1698420 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Buchanaxanthone | 258 | C14H10O5 | 020081-65-6 | 38 |
| 2 | 2H-Naphtho[1,8-bc]furan-6,7-dion... | 258 | C15H14O4 | 018142-17-1 | 35 |
| 3 | Nicotinic acid, (4-methoxyphenyl... | 243 | C14H13NO3 | 1000308-35-1 | 25 |
| 4 | 4,4'-Dihydroxybenzophenone | 214 | C13H10O3 | 000611-99-4 | 25 |
| 5 | Isonicotinic acid, (4-methoxyphe... | 243 | C14H13NO3 | 1000308-34-7 | 25 |



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Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

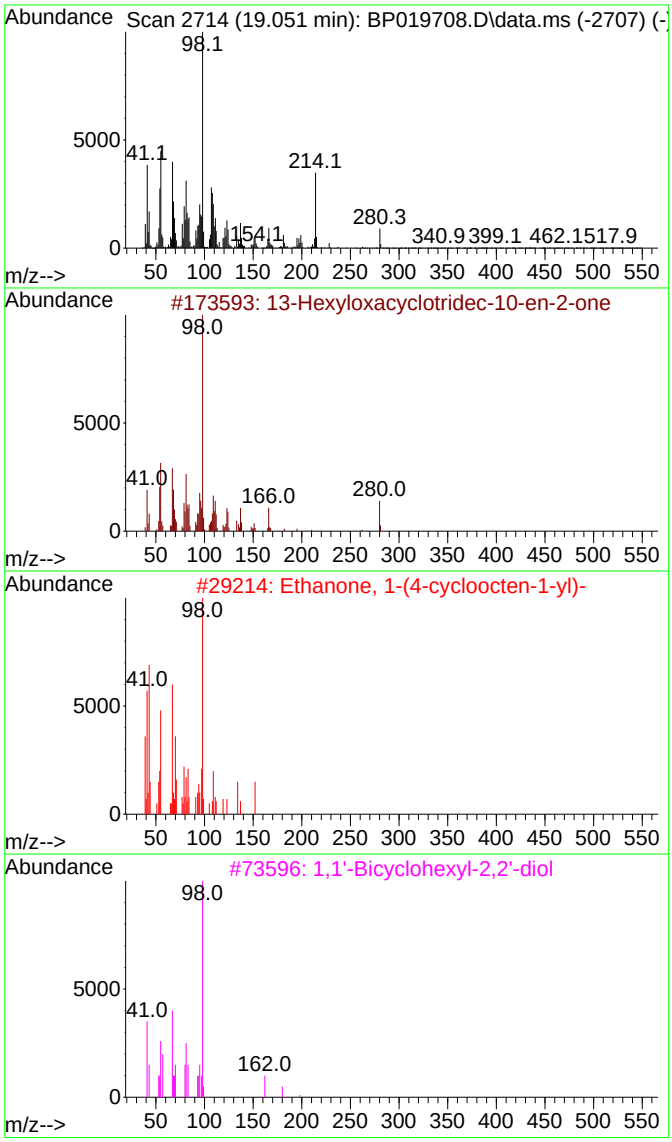
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

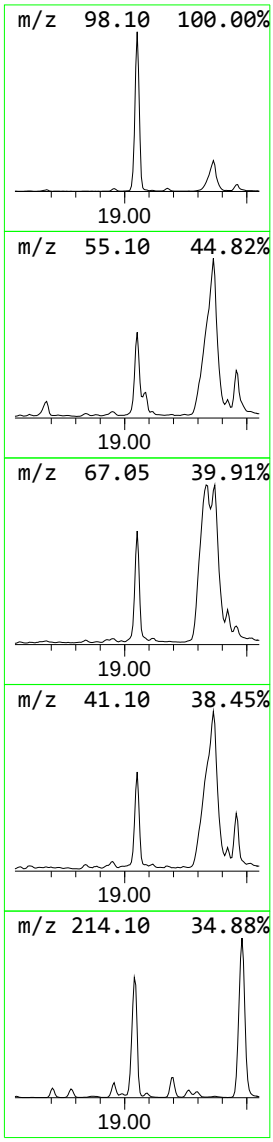
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 13-Hexyloxacyclotridec-10-e... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.051 | 298.47 ng | 11762000 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Hexyloxacyclotridec-10-en-2-one | 280 | C18H32O2 | 127062-51-5 | 99 |
| 2 | Ethanone, 1-(4-cycloocten-1-yl)- | 152 | C10H16O | 054703-57-0 | 49 |
| 3 | 1,1'-Bicyclohexyl-2,2'-diol | 198 | C12H22O2 | 017385-36-3 | 38 |
| 4 | 3H-Pyrazole, 3,4-diamino- | 98 | C3H6N4 | 1000288-40-0 | 35 |
| 5 | 3H-Pyrazol-3-one, 2,4-dihydro-5-... | 98 | C4H6N2O | 000108-26-9 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

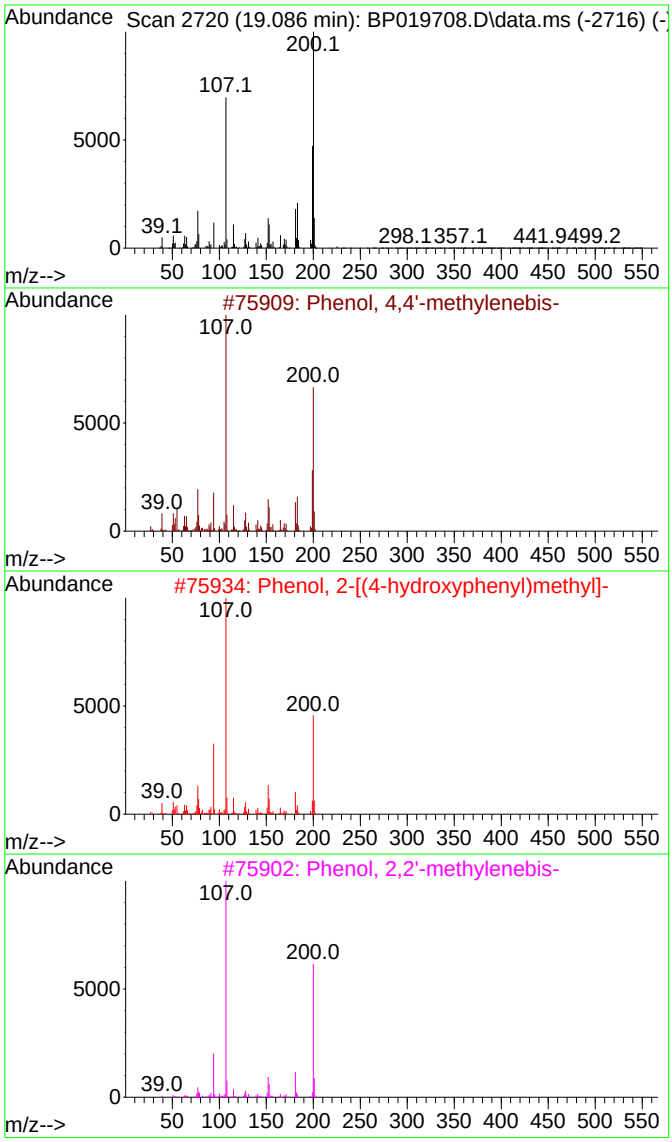
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

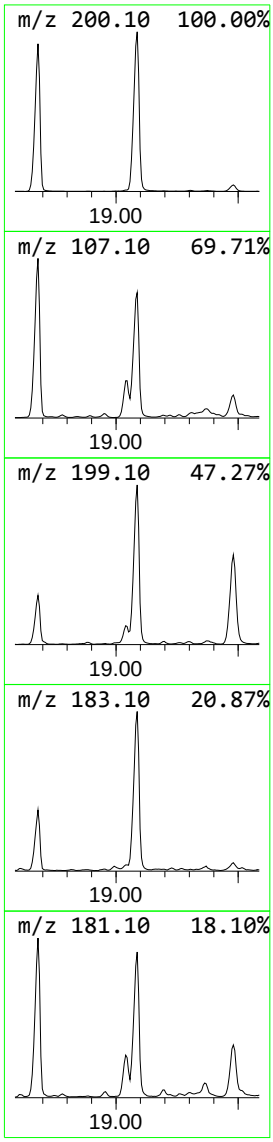
**********

Peak Number 18 Phenol, 4,4'-methylenebis- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.086 | 308.81 ng | 12169500 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 97 |
| 2 | Phenol, 2-[(4-hydroxyphenyl)meth... | 200 | C13H12O2 | 002467-03-0 | 76 |
| 3 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 76 |
| 4 | 1,3-Benzenediol, 4-(phenylmethyl)- | 200 | C13H12O2 | 002284-30-2 | 60 |
| 5 | Tetrahydrozoline | 200 | C13H16N2 | 000084-22-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

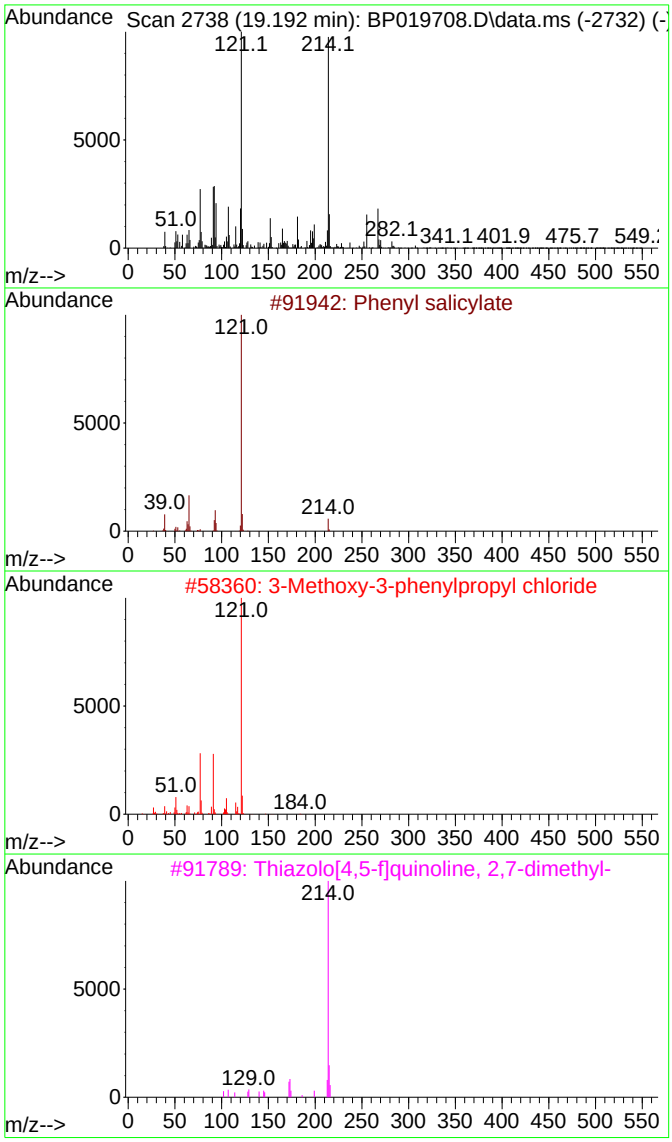
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

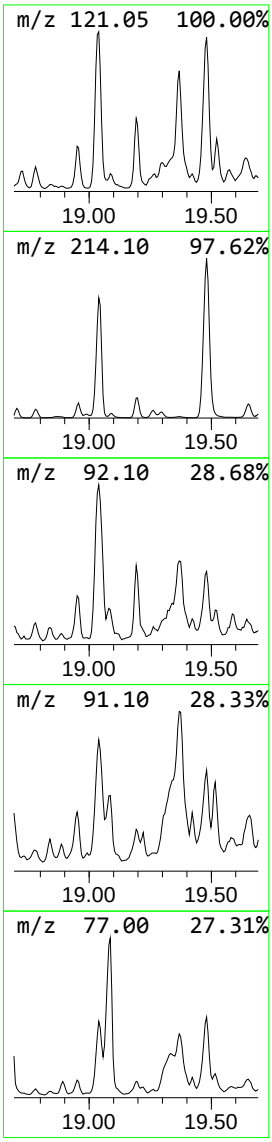
**********

Peak Number 19 Phenyl salicylate Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.192 | 23.96 ng | 944197 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenyl salicylate | 214 | C13H10O3 | 000118-55-8 | 50 |
| 2 | 3-Methoxy-3-phenylpropyl chloride | 184 | C10H13ClO | 1000370-35-5 | 35 |
| 3 | Thiazolo[4,5-f]quinoline, 2,7-di... | 214 | C12H10N2S | 003119-48-0 | 30 |
| 4 | Benzene, 1,1'-thiobis[2-methyl- | 214 | C14H14S | 004537-05-7 | 27 |
| 5 | 2-Benzyl-4-methoxyphenol | 214 | C14H14O2 | 038940-06-6 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

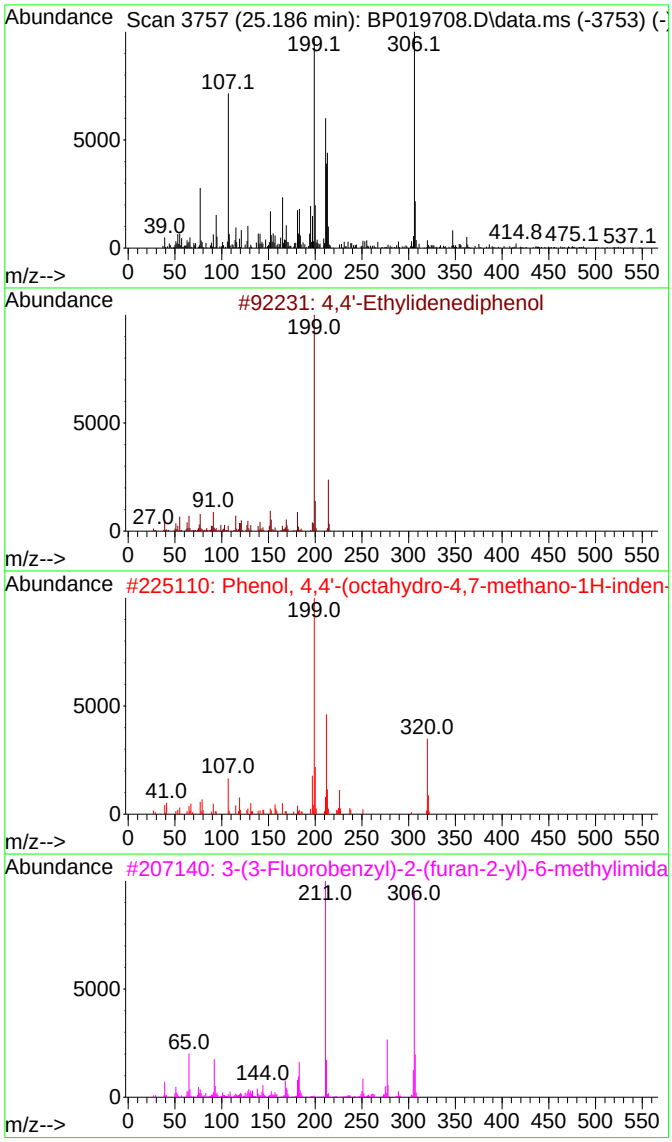
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

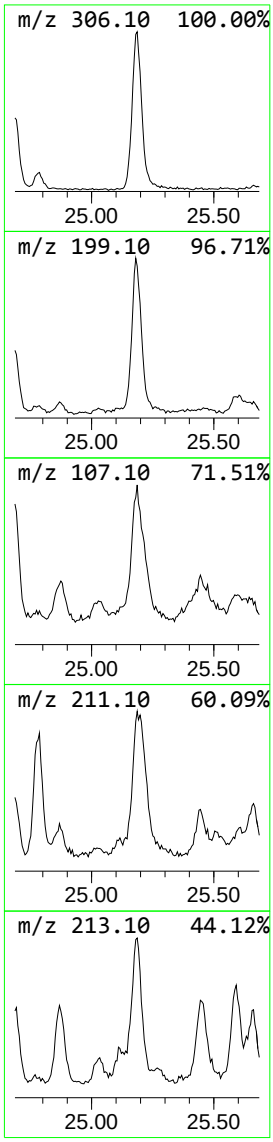
**********

Peak Number 20 4,4'-Ethylidenediphenol Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.186 | 18.04 ng | 1010160 | Perylene-d12 | 23.810 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,4'-Ethylidenediphenol | 214 | C14H14O2 | 002081-08-5 | 53 |
| 2 | Phenol, 4,4'-(octahydro-4,7-meth... | 320 | C22H24O2 | 001943-97-1 | 35 |
| 3 | 3-(3-Fluorobenzyl)-2-(furan-2-yl... | 306 | C19H15FN2O | 1000457-95-4 | 22 |
| 4 | Benzenamine, N-(11H-indeno[1,2-b... | 306 | C22H14N2 | 085635-73-0 | 20 |
| 5 | 1,1':3',1''-Terphenyl, 5'-phenyl- | 306 | C24H18 | 000612-71-5 | 15 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019708.D
Acq On : 14 Feb 2024 18:55
Operator : MA/JU
Sample : P1395-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
B-2(4-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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 |
| Dicyclopentadiene | 8.163 | 14.2 | ng | 887037 | 1 | 7.910 | 1253730 | 20.0 |
| 3-Pyridinecarbo... | 10.140 | 36.3 | ng | 10139700 | 2 | 10.704 | 5582930 | 20.0 |
| Phenol, 2-(1,1-... | 11.728 | 19.1 | ng | 5339470 | 2 | 10.704 | 5582930 | 20.0 |
| Phenol, p-tert-... | 12.110 | 199.9 | ng | 55814200 | 2 | 10.704 | 5582930 | 20.0 |
| Ethanone, 1-(2,... | 14.445 | 30.3 | ng | 66388700 | 3 | 14.545 | 43883400 | 20.0 |
| p-Hydroxybiphenyl | 16.563 | 125.4 | ng | 4941780 | 4 | 17.292 | 788148 | 20.0 |
| Phenol, 2,5-bis... | 16.992 | 25.7 | ng | 1011910 | 4 | 17.292 | 788148 | 20.0 |
| Phenol, 2,2'-me... | 18.463 | 59.4 | ng | 2341150 | 4 | 17.292 | 788148 | 20.0 |
| trans-1,2-Bis(m... | 18.610 | 23.9 | ng | 941512 | 4 | 17.292 | 788148 | 20.0 |
| Phenol, 2-[(4-h... | 18.680 | 277.1 | ng | 10919400 | 4 | 17.292 | 788148 | 20.0 |
| unknown18.951 | 18.951 | 43.1 | ng | 1698420 | 4 | 17.292 | 788148 | 20.0 |
| 13-Hexyloxacycl... | 19.051 | 298.5 | ng | 11762000 | 4 | 17.292 | 788148 | 20.0 |
| Phenol, 4,4'-me... | 19.086 | 308.8 | ng | 12169500 | 4 | 17.292 | 788148 | 20.0 |
| Phenyl salicylate | 19.192 | 24.0 | ng | 944197 | 4 | 17.292 | 788148 | 20.0 |
| 4,4'-Ethylidene... | 25.186 | 18.0 | ng | 1010160 | 6 | 23.810 | 1120110 | 20.0 |