LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045026.D
Acq On : 08 Apr 2024 02:55
Operator : MA/JU
Sample : P1973-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
YCSR9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM045026.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.169 | 9 | 14 | 29 | rVB | 365231 | 530076 | 18.40% | 1.935% |
| 2 | 3.610 | 86 | 89 | 98 | rBV | 97426 | 169161 | 5.87% | 0.618% |
| 3 | 3.899 | 136 | 138 | 144 | rVB6 | 6833 | 10000 | 0.35% | 0.037% |
| 4 | 4.399 | 217 | 223 | 236 | rVB | 1409673 | 1923738 | 66.79% | 7.024% |
| 5 | 6.810 | 628 | 633 | 643 | rBV | 72659 | 136406 | 4.74% | 0.498% |
| 6 | 6.981 | 654 | 662 | 675 | rBV | 347685 | 551905 | 19.16% | 2.015% |
| 7 | 7.163 | 686 | 693 | 703 | rBV | 328427 | 550271 | 19.10% | 2.009% |
| 8 | 7.228 | 703 | 704 | 709 | rVB5 | 3734 | 3944 | 0.14% | 0.014% |
| 9 | 7.628 | 764 | 772 | 782 | rBV | 296948 | 492696 | 17.11% | 1.799% |
| 10 | 7.975 | 827 | 831 | 834 | rVB6 | 4026 | 5944 | 0.21% | 0.022% |
| 11 | 8.334 | 886 | 892 | 904 | rBV | 230221 | 417450 | 14.49% | 1.524% |
| 12 | 8.787 | 963 | 969 | 980 | rBV | 405652 | 693270 | 24.07% | 2.531% |
| 13 | 9.498 | 1082 | 1090 | 1101 | rBV | 340598 | 572463 | 19.87% | 2.090% |
| 14 | 10.028 | 1173 | 1180 | 1196 | rBV | 422328 | 815960 | 28.33% | 2.979% |
| 15 | 10.269 | 1217 | 1221 | 1226 | rVB7 | 3483 | 6419 | 0.22% | 0.023% |
| 16 | 10.398 | 1237 | 1243 | 1252 | rVB | 414647 | 691189 | 24.00% | 2.524% |
| 17 | 10.557 | 1261 | 1270 | 1287 | rBV | 363418 | 790777 | 27.45% | 2.887% |
| 18 | 11.469 | 1421 | 1425 | 1428 | rBV5 | 1691 | 2886 | 0.10% | 0.011% |
| 19 | 11.951 | 1502 | 1507 | 1512 | rVB4 | 1687 | 3001 | 0.10% | 0.011% |
| 20 | 12.022 | 1512 | 1519 | 1529 | rBV4 | 6545 | 15599 | 0.54% | 0.057% |
| 21 | 13.116 | 1699 | 1705 | 1712 | rBV | 91788 | 144290 | 5.01% | 0.527% |
| 22 | 13.169 | 1712 | 1714 | 1720 | rVB5 | 6464 | 7986 | 0.28% | 0.029% |
| 23 | 13.698 | 1796 | 1804 | 1814 | rBV | 822443 | 1265028 | 43.92% | 4.619% |
| 24 | 13.963 | 1841 | 1849 | 1862 | rBV | 1120552 | 1685782 | 58.53% | 6.155% |
| 25 | 14.274 | 1895 | 1902 | 1910 | rBV | 633512 | 926374 | 32.16% | 3.382% |
| 26 | 14.545 | 1942 | 1948 | 1956 | rBV5 | 20001 | 60751 | 2.11% | 0.222% |
| 27 | 14.598 | 1956 | 1957 | 1965 | rVB7 | 6936 | 8808 | 0.31% | 0.032% |
| 28 | 14.716 | 1975 | 1977 | 1981 | rVB5 | 3031 | 3621 | 0.13% | 0.013% |
| 29 | 15.274 | 2065 | 2072 | 2090 | rBV | 1433635 | 2092687 | 72.65% | 7.641% |
| 30 | 15.416 | 2090 | 2096 | 2110 | rVV | 346326 | 528087 | 18.33% | 1.928% |
| 31 | 15.516 | 2110 | 2113 | 2118 | rVB5 | 5809 | 8848 | 0.31% | 0.032% |
| 32 | 15.798 | 2158 | 2161 | 2166 | rBV5 | 1706 | 3563 | 0.12% | 0.013% |
| 33 | 15.904 | 2175 | 2179 | 2183 | rVB | 11466 | 13669 | 0.47% | 0.050% |
| 34 | 16.063 | 2203 | 2206 | 2210 | rBV5 | 3747 | 5564 | 0.19% | 0.020% |
| 35 | 16.633 | 2301 | 2303 | 2308 | rVV5 | 2697 | 3789 | 0.13% | 0.014% |
| 36 | 17.033 | 2363 | 2371 | 2381 | rBV | 779645 | 1088326 | 37.78% | 3.974% |

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Sample : P1973-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
YCSR9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.133 | 2381 | 2388 | 2402 | rBV | 1648600 | 2338382 | 81.18% | 8.538% |
| 38 | 17.515 | 2449 | 2453 | 2459 | rBV | 32875 | 46040 | 1.60% | 0.168% |
| 39 | 17.710 | 2481 | 2486 | 2493 | rVB3 | 34077 | 44680 | 1.55% | 0.163% |
| 40 | 17.880 | 2512 | 2515 | 2522 | rVB5 | 7939 | 10460 | 0.36% | 0.038% |
| 41 | 17.945 | 2522 | 2526 | 2536 | rBV3 | 37365 | 63492 | 2.20% | 0.232% |
| 42 | 18.157 | 2556 | 2562 | 2579 | rBV | 297902 | 474224 | 16.46% | 1.731% |
| 43 | 19.004 | 2702 | 2706 | 2710 | rVB3 | 17942 | 24365 | 0.85% | 0.089% |
| 44 | 19.074 | 2714 | 2718 | 2724 | rBV | 12389 | 22491 | 0.78% | 0.082% |
| 45 | 19.239 | 2741 | 2746 | 2751 | rBV | 35064 | 49534 | 1.72% | 0.181% |
| 46 | 19.386 | 2769 | 2771 | 2773 | rBV3 | 3503 | 3660 | 0.13% | 0.013% |
| 47 | 19.439 | 2773 | 2780 | 2789 | rVV | 2039463 | 2747798 | 95.40% | 10.032% |
| 48 | 21.239 | 3081 | 3086 | 3098 | rBV | 849927 | 1192475 | 41.40% | 4.354% |
| 49 | 23.321 | 3432 | 3440 | 3447 | rBV | 1544905 | 2880362 | 100.00% | 10.516% |
| 50 | 23.456 | 3457 | 3463 | 3473 | rVB | 668327 | 1260922 | 43.78% | 4.604% |

Sum of corrected areas: 27389213

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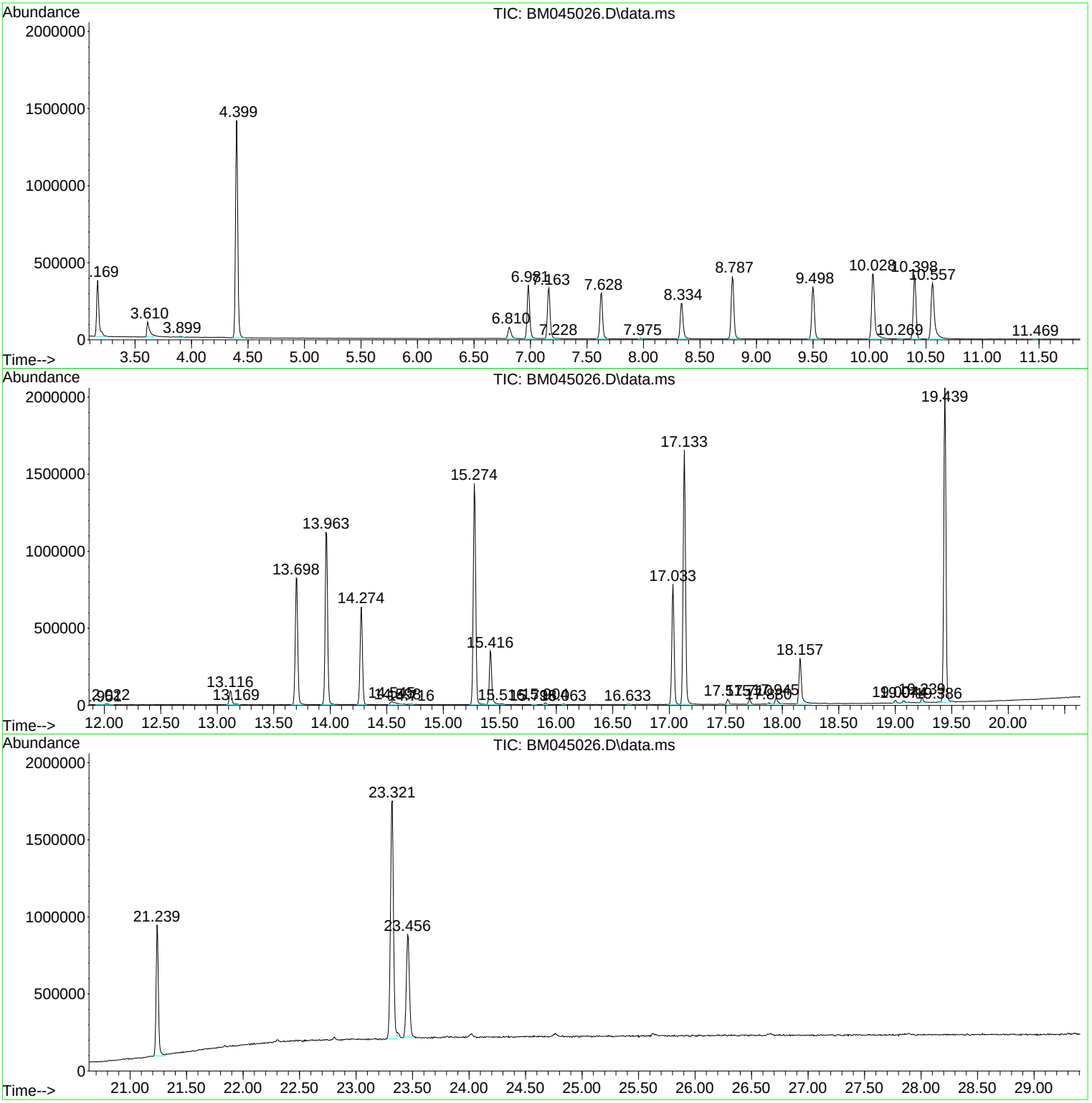
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
YCSR9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045026.D
Acq On : 08 Apr 2024 02:55
Operator : MA/JU
Sample : P1973-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
YCSR9

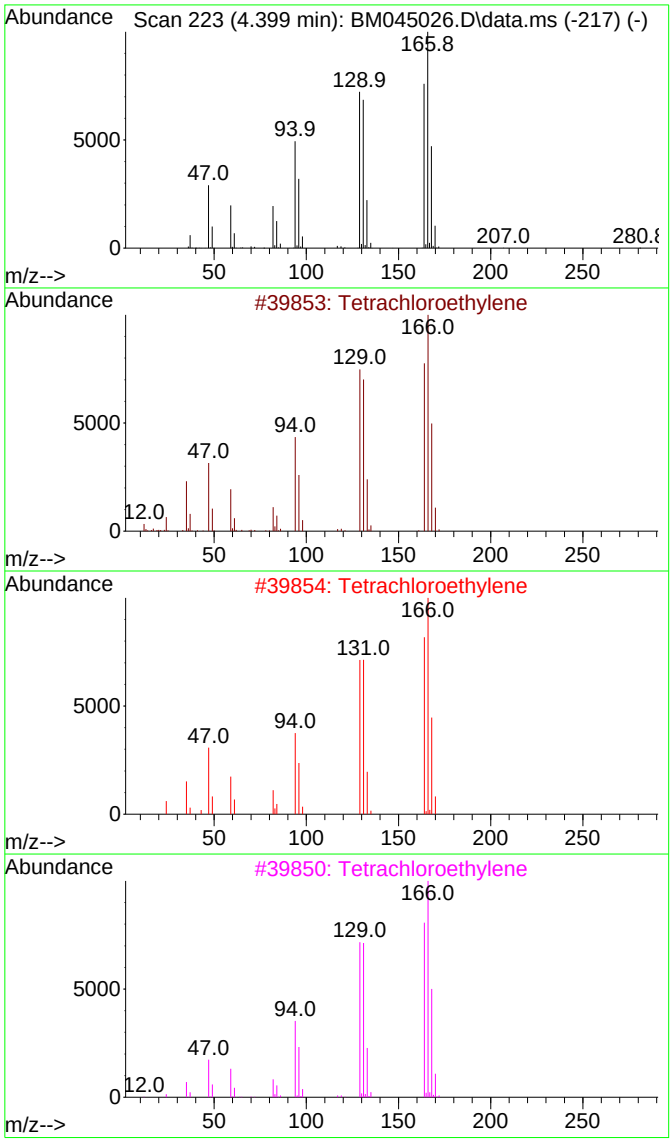
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

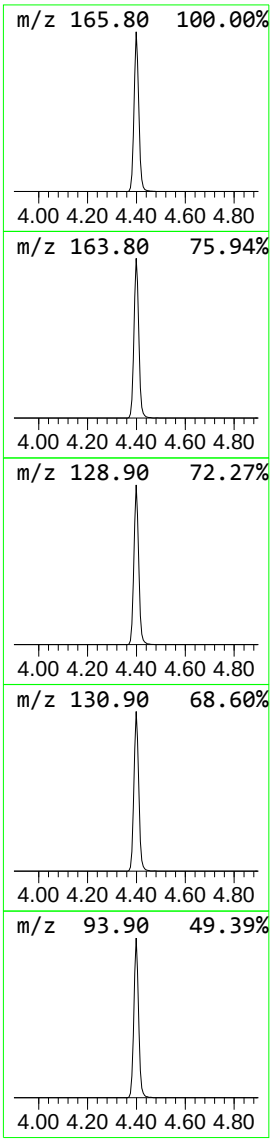
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Tetrachloroethylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.399 | 78.09 ng/ul | 1923740 | 1,4-Dichlorobenzene-d4 | 7.628 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 98 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 98 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 97 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 96 |
| 5 | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 16 |



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Data File : BM045026.D
Acq On : 08 Apr 2024 02:55
Operator : MA/JU
Sample : P1973-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
YCSR9

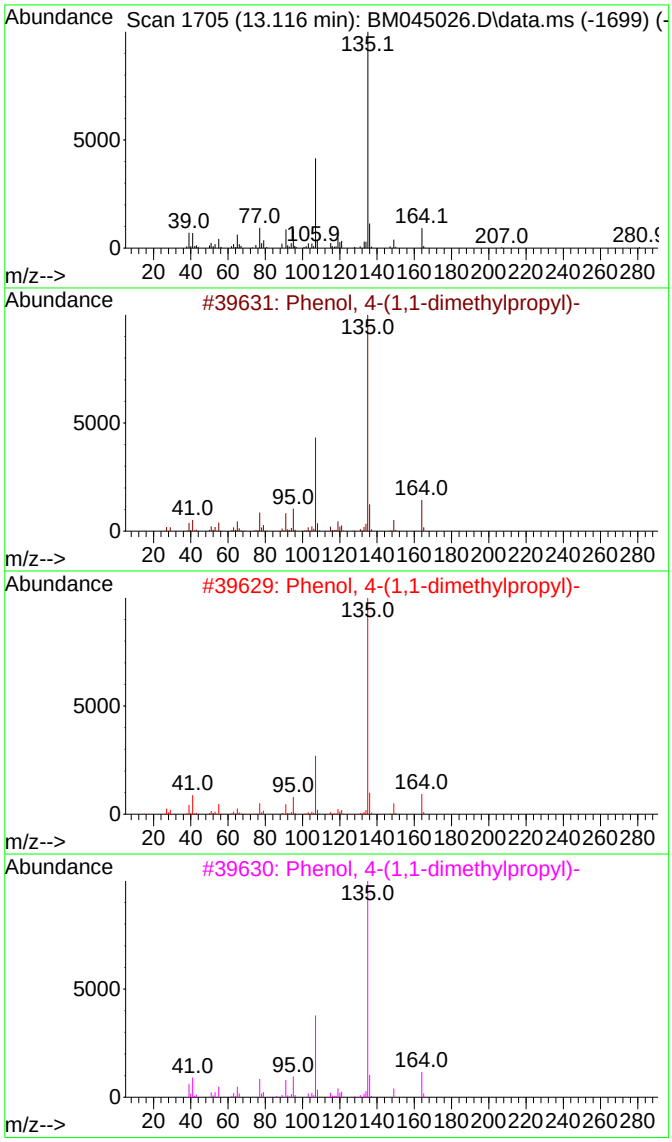
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

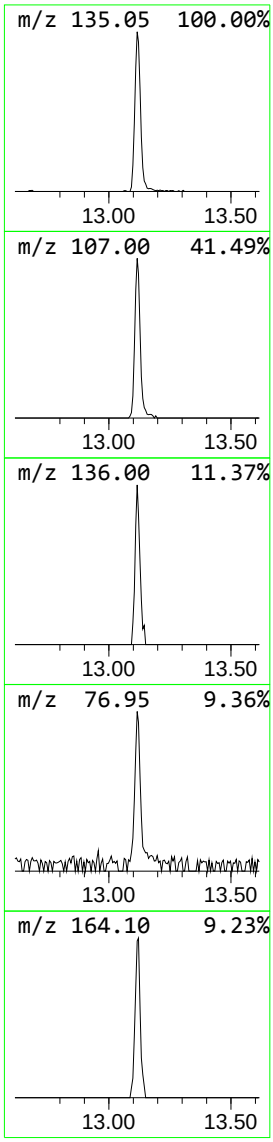
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.116 | 3.12 ng/ul | 144290 | Acenaphthene-d10 | 14.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 93 |
| 2 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 91 |
| 3 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 90 |
| 4 | Hexestrol, O-trifluoroacetyl- | 366 | C20H21F3O3 | 1000365-31-7 | 72 |
| 5 | Hexestrol | 270 | C18H22O2 | 000084-16-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
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Acq On : 08 Apr 2024 02:55
Operator : MA/JU
Sample : P1973-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
YCSR9

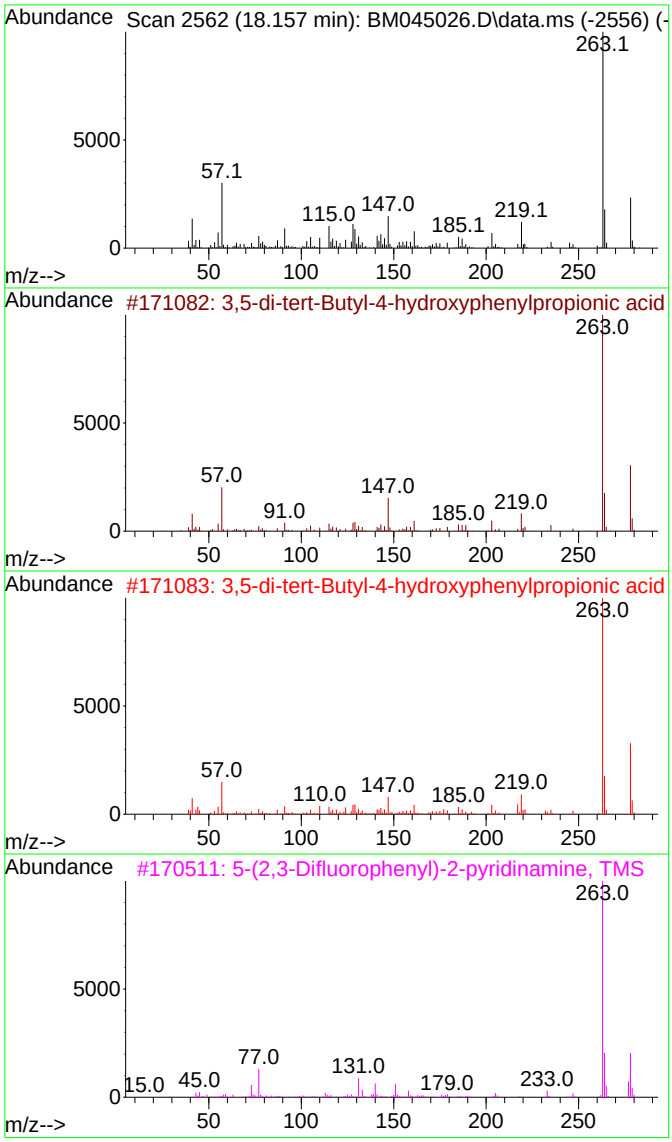
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

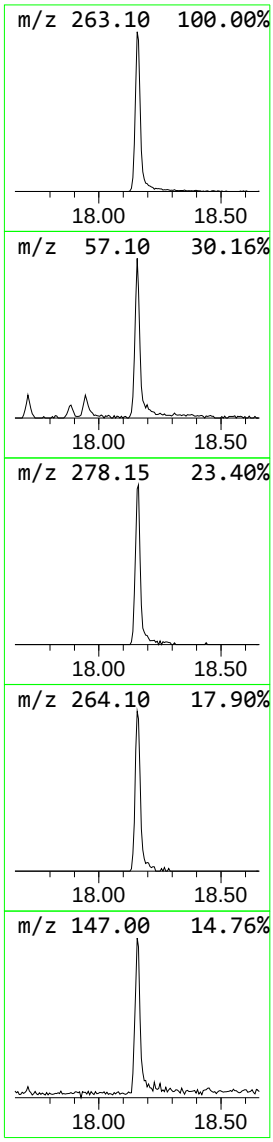
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.157 | 8.71 ng/ul | 474224 | Phenanthrene-d10 | 17.033 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3 | 020170-32-5 | 93 |
| 2 | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3 | 020170-32-5 | 70 |
| 3 | 5-(2,3-Difluorophenyl)-2-pyridin... | 278 | C14H16F2N2Si | 1000504-49-4 | 68 |
| 4 | 2'-Hydroxy-4'-methoxyacetophenon... | 278 | C11H9ClF2O4 | 1000447-49-1 | 59 |
| 5 | Cyanic acid, (1-methylethylidene... | 278 | C17H14N2O2 | 001156-51-0 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
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ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA 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 |
| Tetrachloroethy... | 4.399 | 78.1 | ng/ul | 1923740 | 1 | 7.628 | 492696 | 20.0 |
| Phenol, 4-(1,1-... | 13.116 | 3.1 | ng/ul | 144290 | 3 | 14.275 | 926374 | 20.0 |
| 3,5-di-tert-But... | 18.157 | 8.7 | ng/ul | 474224 | 4 | 17.033 | 1088330 | 20.0 |